

**Matematički vidici knjiga 6  
Monografija 73**

**Jelisaveta Milojević**

# **Gramatika reči**

**Algoritamsko opisivanje jezika na  
primeru složenica**

**Matematički institut SANU  
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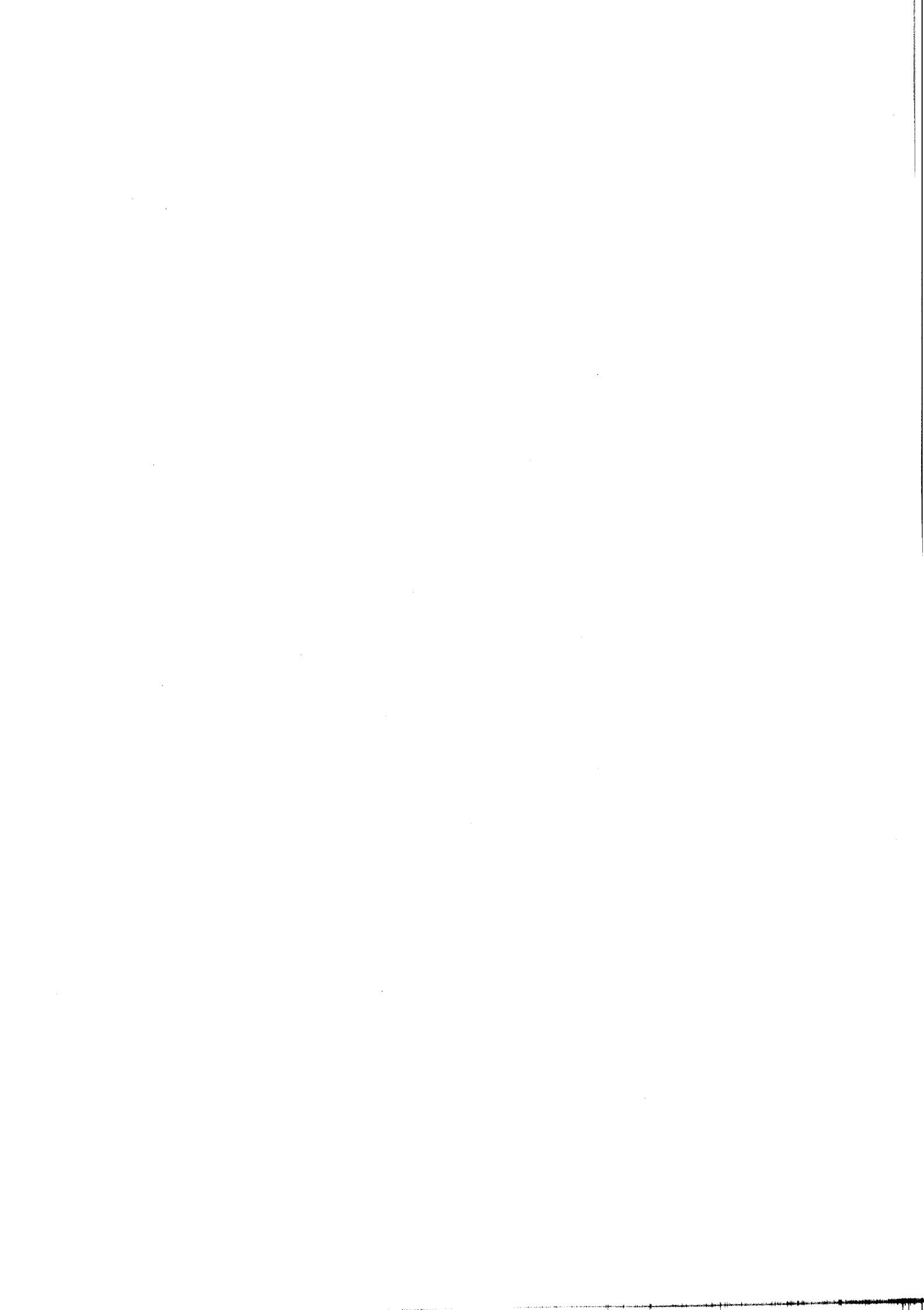
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## Predgovor

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Prvobitna verzija knjige **Gramatika reči: algoritamsko opisivanje jezika na primeru složenica** predstavljala je doktorsku disertaciju koja je pod naslovom **Imeničke složenice sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku** odbranjena na Filozofskom fakultetu u Novom Sadu 6. februara 1987. godine pred komisijom: dr Draginja Pervaz, mentor, dr Vladimir Ivir i dr Milorad Radovanović. Iz prvobitnog teksta je izostavljen deo: Dihotomija N-V u strukturi imeničkih složenica koji je objavljen u časopisu ('The N-V Dichotomy in the Structure of English Noun Compounds?', **Literary and Linguistic Computing**, Oxford University Press, 1986, 1/3, 143-155). Ostale izmene su proistekle iz sugestija članova komisije i reczenzata, kao i iz mojih naknadnih razmišljanja o postavljenim problemima.

Jezička građa na kojoj je obavljeno istraživanje pokriva područje nekadašnjeistočne i zapadne varijante zajedničkog srpskohrvatskog jezika. U knjizi, stoga, figurira naziv srpskohrvatski pod kojim podrazumevamo entitet obeju varijanata, pri čemu uvažavamo sadašnju situaciju u kojoj se taj entitet posmatra kao dva jezika: srpski i hrvatski.

Predmet knjige koja je pred čitaocem jeste **gramatika reči** (shvaćena kao sistem pravila u domenu leksike koja se mogu algoritamski formulisati) na primeru binarnih hipotaktičkih imeničkih složenica sa jednom glagolskom i jednom imeničkom komponentom u savremenom engleskom i srpskohrvatskom jeziku.

Istraživanje je nastalo kao odgovor na nezadovoljavajući tretman problema u dosadašnjoj literaturi o predmetu i kao rezultat razmišljanja u vezi sa mogućim rešenjem problema i u vezi sa značajnim reperkusijama relevantnim u oblasti opšte lingvistike, nauke o građenju reči, leksikografije, nastave jezika, teorije i prakse mašinskog prevođenja i automatskog prepoznavanja govora.

Na osnovu kritičkog razmatranja literature, uvida u obiman i konkretni jezički materijal (uzorak od 2527 složenica), na osnovu razmišljanja o problemu i o mogućim rešenjima, opovrgnute su teze, u dosadašnjoj literaturi, o tome da elementi složenice imaju status reči i da se mogu klasifikovati s obzirom na vrstu reči i predložena su druga rešenja. Postavljena je i dokazana hipoteza o vrsti i broju relevantnih distinkтивnih obeležja u strukturi složenica posredstvom minimalnih parova i postavljena je hipoteza o modelu sistema imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku. Na osnovu te hipoteze izvršeno je delimično modeliranje sistema na taj način što su jedinice sistema opisane ograničenim brojem izraza sa veoma strogom i jednoznačnom sintaksom. Napravljeni su, zatim, algoritmi, koji podatke obraduju. Uloga algoritama je instrumentalna u dokazivanju hipoteze o modelu sistema. U zavisnosti od

ishoda rada algoritama hipoteza može biti dokazana ili opovrgnuta. Na osnovu rada algoritama dobijeni su rezultati koji postavljenu hipotezu o modelu sistema nedvosmisleno dokazuju. Nađen je egzaktan način za tretiranje značenja, dvomislenosti i sinonimije intra- i interlingvalno, detaljno su opisani sistemi složenica sa glagolskom komponentom u oba jezika i rezultati upoređeni intra- i interlingvalno, postavljeni su temelji na kojima se može dalje graditi model imeničkih složenica sa glagolskom komponentom. Smer analize je originalan i dosad nije primenjen u literaturi. Primena računara u jezičkom istraživanju se pokazala od neprocenjive koristi.

Model sistema imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku, kakav smo prepostavili, a hipotezu dokazali, nije zabeležen u literaturi i njega smatramo svojim originalnim doprinosom.

Koristim priliku da se zahvalim Fondu: The British Scholarship Trust for Yugoslavs i roditeljima koji su mi svojom materijalnom pomoći omogućili dvogodišnji boravak na Univerzitetu u Birmingemu u Velikoj Britaniji (University of Birmingham, Great Britain), kao i studijske boravke na britanskim univerzitetima u Londonu (School of Slavonic and East European Studies, University of London), Lankasteru (University of Lancaster) i Edinburgu (University of Edinburgh).

Pri izradi disertacije su mi svojim dragocenim savetima i podrškom pomogli: mentor rada, prof. dr Draginja Pervaz (Univerzitet u Novom Sadu), profesor John McH. Sinclair (Univerzitet u Birmingemu), profesor Geoffrey Leech (Univerzitet u Lankasteru), profesor Esko Pennanen (Univerzitet u Helsinkiju), profesor Angus McIntosh (Univerzitet u Edinburgu), profesor Thomas F. Magnier (Univerzitet u Pensilvaniji, S. A. D.), Dr. David Johnson, Dr. Michael McCarthy, Dr. Michael Hoey, Dr. Suzanne Romaine i David Brazil (svi sa Univerziteta u Birmingemu), profesor dr Milorad Radovanović i profesor dr Jovan Kašić (sa Univerziteta u Novom Sadu), profesor dr Dušan Jović i profesor dr Darinka Gortan-Premk (sa Univerziteta u Beogradu). Svima njima se najtoplje zahvaljujem.

Za rešavanje problema u oblasti programiranja dugujem najviše Dr. Ljubomiru Jankoviću. Zahvalnost dugujem i osoblju Računskog centra Univerziteta u Birmingemu.

Zahvaljujem se članovima tima COBUILD leksikografa na Katedri za engleski jezik Univerziteta u Birmingemu.

Posebnu zahvalnost dugujem osoblju Univerzitetske biblioteke u Birmingemu, Univerzitskih biblioteka u Londonu, Edinburgu i Lankasteru, osoblju Biblioteke Matice srpske u Novom Sadu i Biblioteke Seminara za srpskohrvatski jezik Filološkog fakulteta u Beogradu.

Zahvaljujem se recenzentima - profesorima: Draginji Pervaz, Marici Prešić i Vladimиру Iviru na poverenju i sugestijama.

Zahvaljujem se Ministarstvu za nauku Republike Srbije i firmi Jugometal koji su materijalno pomogli objavljivanje knjige.

Disertacija, kao i knjiga koja je pred čitaocem, predstavlja odraz mog istraživačkog napora i za iznesene stavove samo ja snosim odgovornost.

## **1. Uvod**

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### **1.1 Uvodne napomene**

Uprkos širini istraživanja u oblasti nauke o obrazovanju reči počevši od starih opisa sanskrta pa do danas, stanje u ovoj nauci još je daleko od toga da bude zadovoljavajuće: nebrojeno je pitanja (opštih teorijskih i onih koja se odnose na individualne procese) koja još uvek nisu dobila odgovor; ne postoji, nadalje, jedna i jedinstvena teorija u vezi sa obrazovanjem reči niti, čak, ima saglasnosti o tome koja je vrsta jezičkih podataka relevantna za konstruisanje takve teorije (na primer, o pitanju šta je uopšte reč dala bi se napisati posebna doktorska disertacija); ne postoji jedinstveno mišljenje u vezi sa pitanjima metodologije istraživanja, pa je na svakom istraživaču da postavi sopstvenu teoriju i razvije sopstvene metode primerene određenom predmetu istraživanja; nerešena teorijska pitanja vode konfuziji u oblasti terminologije, pa je i tu istraživač prepušten sam sebi. Imajući u vidu haotično stanje koje trenutno vlada u nauci o obrazovanju reči, gotovo da svaka tvrdnja postaje predmet za diskusiju (up. Bauer, 1983:1).

Mnogo je razloga tome što izvesna pitanja nisu dobila odgovor: nekad uopšte nisu zapažana kao problemska čvorišta, nekad su zaobilažena zbog svoje tvrdokornosti i ogromnih praktičnih problema koji bi iskrslji u istraživanju, a neka su svesno zaobilažena zbog trenutnih orientacija u drugom pravcu u teorijskim i praktičnim jezičkim istraživanjima ili potcenjivana zbog toga što je to u okviru lingvističkog 'vjeruju' pojedinih autora i pojedinih akademskih institucija.

Ima, čini se, i to sve više, autora koji pokazuju zanimanje za probleme obrazovanja reči i koji veruju ne samo u zanimljivost problema per se, već i u to da njihovo rešavanje može i treba da ima značajnih reperkusija u oblasti nauke o jeziku u celini: u oblasti opšte jezičke teorije, koja ne može zanemarivati nijednu oblast jezičke stvarnosti ukoliko pretenduje na univerzalnost i istinitost i, po implikaciji, u oblasti primenjene lingvistike. Praktični problemi u istraživanju su ogromni, ali rezultati koje obećavaju su fascinantni (up. Sinclair, 1966:429). U izvesnim sredinama niče sve više radova koji su i individualni i timski: u Švedskoj, Finskoj, Holandiji, Danskoj, Nemačkoj, Austriji, Rusiji i S.A.D. U skorije vreme rade se ili su uradene disertacije na eminentnim univerzitetima u svetu: Geteborgu, Lankasteru, Edinburgu, Berkliju, Čikagu i M.I.T. i kod nas u: Zagrebu, Skoplju, Novom Sadu i Beogradu.

## 1.2 Predmet i cilj istraživanja

Predmet naše disertacije su binomne hipotaktične imeničke složenice sa jednom glagolskom i jednom imeničkom komponentom u savremenom engleskom i srpskohrvatskom jeziku.

Izbor predmeta našeg rada opredelili su sledeći razlozi: građenje složenica igra važnu ulogu u sistemu savremenog engleskog jezika i jedan je od osnovnih izvora razvitka i popunjavanja njegovog rečničkog sastava (skorašnja istraživanja pokazuju da dve trećine neologizama predstavljaju složenice); i u srpskohrvatskom jeziku kompozicija predstavlja veoma prisutan morfološki proces; glagol je jedan od centralnih mehanizama jezičke delatnosti i izučavanje njegove aktuelizacije u složenicama ima veliki teorijski i praktični značaj; na novou složenica ukrštanje formalnih i značajnskih jezičkih svojstava je sasvim osobeno i zavreduje punu istraživačku pažnju; izučavanje leksičke gramatike i semantike i sistemskog i idiosinkratičnog u leksikonu, ima izuzetan značaj za lingvističku teoriju, tj. modelovanje jezičke stvarnosti uopšte; jezički modeli koji pretenduju na opštost ne mogu zaobići osobenu realnost leksike - test njihove valjanosti i doseg-a jeste, drugim rečima, i njihova sposobnost da objasne probleme jezičke strukturacije u domenu leksike.

Istraživanje koje je predmet ove disertacije je nastalo kao odgovor na nezadovoljavajući tretman problema u dosadašnjoj literaturi o predmetu i kao rezultat sopstvenog razmišljanja u vezi sa mogućim rešenjem problema i u vezi sa značajnim reperkusijama relevantnim u oblasti opšte lingvistike, nauke o građenju reči, leksikografije, teorije i prakse prevođenja i automatskog prepoznavanja govora.

Pod složenicom ili složenom rečju razumemo reč koja je u tvorbenoj vezi sa najmanje dve reči koje imaju svoje eksponente u površinskoj strukturi složenice (na primer, *answerphone* ili *drvodelja*). Reči koje su motivisane jednom rečju (prostom, izvedenom ili složenom) pripadaju klasi izvedenica (na primer, *short-sightedness* ili *padobranstvo*). U vezi sa srpskohrvatskim jezikom nismo pravili razliku između složenica i polusloženica. Pod imeničkom složenicom razumemo složenicu koja pripada klasi imenica. Pod binomnom složenicom razumemo dvočlanu složenicu u tvorbenoj vezi sa dvema rečima (na primer, *call-boy* ili *lož-ulje*). Pod imeničkom složenicom sa jednom glagolskom i jednom imeničkom komponentom razumemo složenicu koja pripada klasi imenica i koja je u tvorbenoj vezi sa jednim glagolom koji ima svoj eksponent u površinskoj strukturi složenice (na primer, *handwriting* ili *rukopis*; nisu, dakle, izučavane složenice u tvorbenoj vezi sa dva glagola, na primer, *walkie-talkie* ili *padobran*) i u tvorbenoj vezi sa jednom imenicom koja ima svoj eksponent u površinskoj strukturi složenice (na primer, *wash-woman* ili *lož-ulje*). Pod hipotaktičnom složenicom razumemo onu čiji se delovi nalaze u odnosu hipotakse (na primer, *water-carrier* prema parataktičnoj složenici *carrier-pigeon*). Čime je motivisana složenica, tj. od kojih elemenata potencijalno vodi poreklo,

ustanovljava se na osnovu njenog značenja. Termin 'poreklo' uzimamo u njegovom generativnom (sinhronom), a ne u genetskom (dijahronom) smislu.

Predmet **prvog** poglavlja su predmet, cilj i metod istraživanja o kojem se saopštava u ovom radu. O predmetu i cilju istraživanja i metodologiji primjenjenoj u odnosu na probleme kojima se bave pojedina poglavlja opširno se govori na odgovarajućim mestima u svakom poglavlju posebno. Određena poglavlja, ukoliko je to za njih relevantno, sadrže i kritički prikaz literature o problemu koji je uzet za predmet istraživanja.

Predmet **drugog** poglavlja su distinkтивna obeležja u strukturi binomnih imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku. Pod distinkтивnim obeležjima se razumeju obeležja čijom je ukupnošću složenica određena. Dve složenice koje su identične u svim obeležjima izuzev u jednom obeležju (koje je onda razlikovno) čine minimalni par. Primer jednog minimalnog para u srpskom jeziku: **gasovod-cevovod**, gde prvi član para (**gasovod**) sadrži obeležje '*objekat*', a drugi član para ga ne sadrži (**cevovod**). Jedan primer u engleskom jeziku bi mogao biti: **candle-lighter - candle-lighter** (prvi član sa obeležjem '*agens*', drugi član bez njega).

Distinkтивna obeležja su u vezi sa diferencijalnom prirodom jezičkoga znaka pod kojom se razume njegova različitost od ostalih znakova u sistemu datog jezika (uporedi, na primer, **sto** prema: **pisači sto, radni sto, trpezarijski sto**). Na osnovu razlikovnih obeležja reči stupaju u paradigmatske odnose u jezičkom sistemu. Paradigmatski odnosi, kao i sintagmatski, kao najšire vrste gramatičkih odnosa, određuju strukturu svakog jezika.

Sintagmatski odnosi su odnosi između jedinica istovremeno prisutnih u jednom iskazu (na primer, odnosi između **boot, scrape i er** u **boot-scaper** ili odnosi između **blat, o i bran** u **blatobran**). Paradigmatski odnosi su odnosi između u jednom iskazu prisutnih i iz njega odsutnih jedinica (na primer: odnosi između **boot** i **door** u rečima **boot-scaper** i **doorscraper** ili odnosi između **blat(o), bilj(o)** i **vetr(o)** u **blatobran, biljobran** i **vetrobran**). Sintagmatski odnosi se mogu zamisliti kao horizontalni lanac jedinica određene vrste (na primer morfema - najmanjih jezičkih jedinica sa značenjem) a paradigmatski kao u jeziku postojeće alternative za svaku tačku sintagmatskog lanca. Sintagmatski i paradigmatski odnosi čine srž strukture jezika. Osa selekcije (paradigmatska) određuje koje jedinice mogu biti izabrane u svakoj tački prilikom obrazovanja iskaza a osa kombinacije (sintagmatska) određuje kako se izabrane jedinice mogu međusobno slagati. Jezik se, na ovaj način, vidi kao inventar jedinica određene vrste i niz procedura (gramatičkih pravila ili algoritama) kojima se tim inventarom upravlja.

Cilj rada, prikazanog u drugom poglavlju, jeste da se kritički razmotri dosadašnja literatura o problemu, da se ustanove kriterijalna distinkтивna obeležja u strukturi složenica u oba jezika nakon što se hipoteza o vrsti i broju distinkтивnih obeležja proveri posredstvom minimalnih parova (za tu svrhu je izrađen algoritam za identifikovanje minimalnih parova pomoću

kompjutera), da se izvedu zaključci u vezi sa unutrašnjom strukturom složenica i međusobnim odnosima složenica u sistemu, da se iznađe egzaktan način tretiranja dvomislenosti i sinonimije (intra- i interlingvalno) i da se, tako, postavi temelj modelu imeničkih složenica sa glagolskom komponentom u oba jezika. Istraživanje prikazano u drugom poglavlju jeste preliminarno, nužno i osovinsko i u temelju ukupnog istraživanja koje je predmet rada u celini. Dat je zatim pregled izvora iz kojih je ekscerpiran korpus (2527 složenica: 1526 engleskih i 1001 srpskohrvatske). Kodiranje uzorka je izvršeno na osnovu rezultata istraživanja prikazanog u drugom poglavlju. Cilj kodiranja je bio da se podaci daju u takvom obliku da se mogu obraditi pomoću računske mašine. Uloga računara je smatrana instrumentalnom, nužnom i nezamenljivom.

U trećem poglavlju je dat i prikazan program, a prikazani su i algoritmi.

Predmet četvrtog poglavlja su glagolske komponente u strukturi imeničkih složenica u engleskom i srpskohrvatskom jeziku a cilj je da se da pregled svih motivišućih glagola u oba jezika, da se klasifikuju s obzirom na kompatibilnost sa određenom dubinskom značenjskom relacijom i s obzirom na mesto eksponenta motivišućeg glagola u prvom ili drugom delu binomne složenice, da se ustanovi stepen produktivnosti pojedinih glagola u oba jezika i da se rezultati uporede.

Predmet petog poglavlja su imeničke komponente u strukturi imeničkih složenica u engleskom i srpskohrvatskom a cilj da se da pregled svih motivišućih imenica u oba jezika, da se klasifikuju s obzirom na mesto eksponenta motivišuće imenice u prvom ili drugom delu binomne složenice i s obzirom na karakteristiku živo/neživo, da se ustanovi stepen produktivnosti pojedinih imenica u oba jezika i da se rezultati uporede.

U četvrtom i petom poglavlju su dati i rezultati ispitivanja valentnosti, tj. konstrukcionih mogućnosti, motivišućih oblika eksponiranih u složenici, na nivou mikro-konteksta, a dato je i poređenje (intra- i interlingvalno) razgranatosti paradigmi.

Predmet šestog poglavlja su vezane morfeme u strukturi imeničkih složenica u engleskom i srpskohrvatskom jeziku, a cilj da se da pregled vezanih morfema s obzirom na njihov položaj u prvom ili drugom delu složenice, da se ustanovi koje su vezane morfeme aktivne u kom položaju (u jednom, drugom ili oba) i da li se javljaju uz glagolsku ili neglagolsku komponentu (ili i uz jednu i uz drugu) - da se, dakle, ustanove moguće restrikcije u vezi sa položajem morfeme i vrstom osnove uz koju se javljaju i da se rezultati uporede.

Sedmo poglavlje ima za predmet značenje i sinonimiju u sistemu imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku. Cilj rada je da se na temelju rezultata istraživanja prikazanog u drugom poglavlju postave osnove za egzaktno tretiranje značenja i sinonimije (tako što se izradi algoritam za identifikovanje reči istorvrsnog značenja i identifikovanje sinonima pomoću kompjutera), da se utvrde značenjski obrasci koji su osnova za identifikovanje reči istovrsnog značenja i identifikovanje sinonima intra- i interlingvalno pomoću

kompjutera, da se utvrdi stepen zastupljenosti određenih obrazaca unutar svakog pojedinog jezika i u oba jezika zajedno, da se utvrdi stepen zastupljenosti relacija i markera u sklopu značenjskih obrazaca unutar svakog jezika posebno i da se rezultati uporede.

U poslednjem poglavlju se sumiraju rezultati istraživanja. Na kraju rada je data **bibliografija** i pregled rečničke literature.

### 1.3 Modeli i metodi

Nijedan postojeći jezički model i metod nismo smatrali adekvatnim za segment jezičke stvarnosti koji je uzet za predmet naše disertacije. Iz tih razloga smo postavili svoju hipotezu o modelu sistema imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku. Nekim elementima tog modela se može, i to samo u izvesnoj, maloj meri, naći traga u literaturi na koju se na odgovarajućim mestima upućuje. Ono što smo smatrali pozitivnim u literaturi, a što smo zatekli samo u ridimentarnoj formi, preuzeли smo, i to samo u smislu sugestija, koje su, kasnije, podvrgavane detaljnoj analizi i proveri. Model sistema imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku kakav smo prepostavili, a hipotezu dokazali, nije zabeležen u literaturi i njega smatramo našim originalnim doprinosom.

Način na koji su dosad tretirani problemi u vezi sa složenicama u okviru tradicionalnog filološkog, strukturalnog i transformaciono-generativnog modela, kao i modela generativne semantike, smatramo neprihvatljivim. Leksičku sintaksu smatramo osobenom i ne prihvatom mišljenje da su složenice autput sintaksičkih transformacija kakve važe za plan makro-sintakse. U našem istraživanju je, stoga, primjenjen kombinovani jezički model (čiji se izvesni elementi mogu naći u: Leech, 1981; Leech, pismo, 19. mart 1984. i usmeno, mart i maj 1984; Lees, 1970b (za razliku od Lees, 1966a) i Hansen et al. 1982) sa komponentama strukturalnog i generativnog modela; ovaj 'među-model' pretpostavlja, na šta ukazuju i neka skorija interdisciplinarna istraživanja (neurolingvistička, na primer), paralelno, a ne hijerarhijsko, egzistiranje dvaju odvojivih, ali ne i nepovezanih, sistema: sintaksičkog i semantičkog, spregnutih, na leksičkom nivou, u procesu leksikalizacije i strukturalne, sintaksičko-semantičke kompresije; pretpostavka o sintaksičkim i semantičkim odvojenim dubinskim osnovama, transformacijama i derivacionim istorijama, te o samosvojnosti leksičke, mikro-kontekstualne morfo-sintakse i semantike u poređenju sa sintaksom i semantikom na makro-kontekstualnom planu, trebalo je da omogući, za razliku od standardnog transformaciono-generativnog modela i modela generativne semantike, uvid u specifičnu organizaciju jezika u leksičkom domenu. Jezički pristup izučavanju problema koji je predmet disertacije jeste dubinsko-strukturalni: postuliranje dubinske sintaksičke i značenjske strukture, smatramo, odgovara suštini jezika, a i, s obzirom na polisemičnost površinskih struktura složenica, omogućava intra- i interlingvalno tumačenje i poređenje. Za opis i tumačenje pojava i odnosa na

## 6 *Uvod*

semantičkom novou, koristili su se elementi modela i metoda leksičke semantike (naznačeni u: Leech, 1981; pismo, 19. mart 1984. i usmeno, mart i maj 1984; Lees, 1970b i Hansen et al. 1982): strukturalni metod (predikaciono-komponentska analiza) i metodi 'dubinske' semantike, koja postulira postojanje dubinske značenjske strukture - mreže relacija (Leech, 1981:276) - i postojanje semantičkih transformacija. Komponentska analiza podrazumeva metod semantičke analize, svođenje značenja reči na značenjske krajne konstituente. Značenje reči može se, tako, predstaviti kao ukupnost značenjskih kontrastivnih (distinkтивних) obeležja. Između komponentske analize značenja reči i matematičkog procesa faktorizacije broja postoji izvesna sličnost. Predikaciona analiza predstavlja vrstu semantičke analize koja je sa komponentskom analizom u komplementarnom odnosu. Ona podrazumeva analizu leksičkog značenja kao predikacije čije su jedinice argumenti i predikati. Argumenti se sastoje od značenjskih obeležja a predikati od relacija koje se sastoje od relacionih obeležja.

Na osnovama opštih stavova iznesenih u prethodnom odeljku i uvida u konkretan jezički materijal postavljena je hipoteza o modelu sistema imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku. Na osnovu te hipoteze izvršeno je delimično modeliranje sistema na taj način što su jedinice sistema opisane ograničenim brojem izraza sa veoma strogom i jednoznačnom sintaksom. Nakon što su jedinice sistema iskodirane, napravljeni su algoritmi koji procesuju podatke. Njihova uloga je instrumentalna u dokazivanju hipoteze: algoritmi su napravljeni tako da mogu da dokažu ili opovrgnu hipotezu. Oni rade na objektivan način jer u zavisnosti od ishoda rada algoritma hipoteza može biti dokazana ili opovrgнута. Na osnovu rada algoritama dobijeni su rezultati koji postavljenu hipotezu o modelu sistema nedvosmisleno dokazuju.

## **2. Distinktivna obeležja i minimalni parovi**

### **2.1 Uvod**

U ovom poglavlju se saopštavaju rezultati istraživanja obavljenog na Univerzitetu u Birmingemu u periodu od jula 1985. do marta 1986. godine. Istraživanju je prethodilo sistematsko izučavanje literature i rečničke grade (trinaest rečnika engleskog i tri rečnika srpskohrvatskog jezika). Istraživanje je obavljeno na teorijskoj građi i konkretnom jezičkom materijalu (uzorku od 1526 engleskih i 1001 srpskohrvatske složenice sa glagolskom komponentom). Za obradu podataka korišćen je IBM Personal Computer i softver koji je izradio autor.

Zadatak ovog istraživanja jeste da kritički preispita stavove iznesene u dosadašnjoj literaturi o predmetu i da opsežnom i minucioznom analizom ekstenzivnog uzorka i egzaktnim metodom dođe do relevantnih zaključaka na kojima će se temeljiti model imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku.

### **2.2 Predmet i cilj istraživanja**

Predmet ovog dela rada jesu distinktivna obeležja (vidi definiciju na strani 3. predgovora) u strukturi imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku.

Cilj rada je da se kritički razmotri dosadašnja literatura o problemu, da se ustanove kriterijalna distinktivna obeležja u strukturi složenica u oba jezika nakon što se hipoteza o vrsti i broju distinktivnih obeležja (vidi Tabelu 2.1) proveri posredstvom minimalnih parova (identifikovanih pomoću kompjutera), da se vodeći računa o formalnim i značenjskim obeležjima čijom je ukupnošću složenica definisana, izvedu zaključci u vezi sa unutrašnjom strukturom složenica i međusobnim odnosima složenica u sistemu, da se iznade egzaktan način tretiranja dvomislenosti i sinonimije i da se tako postavi temelj modelu imeničkih složenica sa glagolskom komponentom u oba jezika.

### **2.3 Problem distinktivnih obeležja u dosadašnjoj literaturi o složenicama**

Nakon uvida u opsežnu literaturu o složenicama (vidi bibliografiju) nameće se sledeći zaključak: problemom distinktivnih obeležja u strukturi imeničkih složenica kao posebnim predmetom eksplicitno se ne bavi nijedan rad; pitanje

## **8 Distinkтивна обележја и минимални парови**

се често и не уочава као проблем нити се sagledaju sve moguće posledice ovakvog занемаривања; уколико се, пак, о предмету уопште говори, онда се само помиње да teškoća има, како теоријских тако и практичних, али се са истраживањем или opisom nastavlja као да су teškoće eliminisane и да се све подразумева као само од себе очигледно и јасно.

Klasifikacije imeničkih složenica почијаву на implicitnim pretpostavkama о томе да постоји група složenica која poseduje izvesno обележје које друга група не poseduje. О природи и vrsti обележја и njihovom броју говори се најпре на темељу razmatranja stavova prethodnika i на темељу uvida u jezičku građu - manji ili opsežniji uzorak. Zaključci se izvode na основу одмеравања valjanosti tvrdnji prethodnika s obzirom na sopstveni teorijski credo i metodološko opredeljenje i na основу uzorka koji je manje ili više obuhvatan.

Наша критика у вези са tretiranjem problema distinkтивних обележја у dosadašnjim radovima o imeničkim složenicama bila bi sledeća.

Problem se ne tretira sa dužnom istraživačkom pažnjom i тамо где би се то moralo очекивати zbog prirode rada (види disertacije: Momirović, 1972; Cvetkovski, 1973; Bauer, 1975a; Warren, 1978; Barić, 1980; Leonard, 1981). Razlozi су очигледни: или се проблем не увиђа, тако да се он не дотиче (види Momirović, 1972; Cvetkovski, 1973: 106-154 и нарочито, i paradoksalno, Leonard, 1981) или се идентификује као tvrdokoran ali се за njega 'nema prostora' (Bauer, 1975a); некад је razlog i uzorak који је nedovoljan i raznorodan (Bauer, 1975a; Warren, 1978); некад су razlog grandiozne pretenzije autora (Bauer, 1975a); некад методолошко опредељење i površnost (Barić, 1980). Nереšен проблем distinkтивних обележја приказује се у пуној meri u gramatičkim opisima (види, na primer, Jespersen, 1946; Jespersen, 1979; Quirk & Greenbaum, 1977, Quirk et al., 1972 i 1985; Stevanović, 1962; Stevanović, 1964; Barić et al. 1979) i još очигледније u radovima u области nauke o građenju reči (Adams, 1973; Arnold, 1973; Ginzburg, 1979; Marchand, 1969; Marchand, 1974; Bauer, 1983; Belić, 1949).

Rezultat nerešеног питања природе, vrste i броја distinkтивних обележја su nepreciznost, меšanje različitih (sintaksičkih i semantičkih) kriterijuma klasifikacije (види, na primer, Adams, 1973: 64-89; Warren, 1978: 47-48), меšanje kriterijuma različitog stepena opštosti (види, na primer, Downing, 1977:828), klasifikacije које су preterano grube i uopštene (види, na primer, Carr, 1939; Hatcher, 1960:364), veoma pojednostavljene (Bujas, 1970; Barić et al., 1979: 270-271) i nedovoljno diskriminativne i klasifikacije које polaze od površinskiх обележја (види, na primer, Bauer, 1983; Arnold, 1973) - некад само од једног (на primer, odsustva ili prisustva spojnog vokala, види Belić, 1949: 35-36) које постаје главни kriterijum klasifikacije (види, karakterистично, Belić, 1949: 35-42). Svi navedeni radovi, a и они који moraju biti zapaženi kao veoma ozbiljni i obuhvatni (на primer, Brekle, 1970 i Hansen et al., 1982), ne nude kriterijume чија je diskriminativnost sistematski proverena na ukupnom uzorku - управо из tog razloga se lista kriterijuma pokazuje као neodgovarajuća i nepotpuna.

## 2.4 Zaključak u vezi sa tretiranjem problema distinktivnih obeležja u dosadašnjoj literaturi o složenicama

Problem distinktivnih obeležja: njihove vrste i broja, kao i prirode međuodnosa obeležja, nije u literaturi tretiran na odgovarajući način. Glavne zamerke se odnose na: previđanje postojanja problema, na nesistematičnost, na metodološku spornost, na površnost i pojednostavljinjanje, na uopštavanje bez pokrića i na isključivost.

Iz ovih razloga smo postavili sebi cilj da ustanovimo kriterijalna distinktivna obeležja u strukturi složenica u oba jezika nakon što hipotezu o vrsti i broju distinktivnih obeležja (vidi Tabelu 2.1) proverimo posredstvom minimalnih parova (izradivši prethodno algoritam za njihovo identifikovanje pomoću kompjutera), da vodeći računa o sprezi formalnih i značenjskih obeležja čijom je ukupnošću složenica definisana, izvedemo zaključke u vezi sa unutrašnjom strukturom složenica i međusobnim odnosima složenica u sistemu i da postavimo temelje modelu imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku.

Doprinos istraživanja koje smo sproveli trebalo bi da bude u tome što je ono, za razliku od prethodnih (vidi odeljak 2.3), sistematsko i opsežno i sa hipotezom koja se proverava egzaktnim metodom.

## 2.5 Algoritam za identifikovanje minimalnih parova pomoću kompjutera

### 2.5.1 Objasnjenje koda

Ukupan broj rekorda je 2527 (1526 plus 1001).

Rekord se sastoji od 16 polja i ima sledeću sintaksu:

F1\_F2\_F3\_...\_F16

Polje ima sledeću sintaksu:

x1x2x3...xn

gde je x jedan karakter, a n ceo broj.

Sintaksa svakog pojedinog polja se prikazuje u tekstu koji sledi.

Polje F1 ima sledeću sintaksu:

a1a2a3...a18

gde su a1 do a18 karakteri složenice.

Polje F2 ima sledeću sintaksu:

b1b2

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gde b1 do b2 označavaju izvor i to u slučaju engleskog jezika:

- 01 - **The Shorter Oxford English Dictionary on Historical Principles**, Oxford, Clarendon Press, 1933;
- 02 - **Chambers Twentieth Century Dictionary**, Edinburgh, Chambers, 1982;
- 03 - **Webster's New Collegiate Dictionary**, London, G. Bell & Sons, 1973;
- 04 - **Englesko-hrvatski ili srpski rječnik**, M. Drvodelić, Zagreb, Školska knjiga, 1973;
- 05 - govorni engleski;
- 06 - **Collins English Dictionary**, London, Collins, 1979; A 07 - **Dictionary of New English 1963-1972**, C. L. Barnhart et al., London, Longman, 1973;
- 08 - Radio & TV - govorni i pisani jezik;
- 09 - **The Concise Oxford Dictionary of Current Usage**, London, Oxford University Press, 1976;
- 10 - **Englische Lexikologie**, Hansen, B. et al., Leipzig, 1982;
- 11 - **Longman Dictionary of Contemporary English**, London, Longman, 1978;
- 12 - **The Grammar of English Derived Nominal Constructions**, thesis, Manchaster, 1969;
- 14 - **The Advanced Learner's Dictionary of Current English**, London, Oxford University Press, 1963.

i u slučaju srpskohrvatskog jezika:

- 01 - **Rečnik srpskohrvatskog književnog i narodnog jezika**, Beograd, SANU, 1959-1984;
- 02 - **Rečnik srpskohrvatskoga književnog jezika**, Novi Sad i Zagreb, Matica srpska i Matica hrvatska, 1967-1976;
- 03 - **Rečnik žargona**, Dragoslav Andrić, Beograd, BIGZ, 1976;
- 04 - govorni jezik, štampa, radio i televizija.

Polje F3 ima sledeću sintaksu:

c1c2c3...c10

gde su c1 do c10 karakteri motivišućeg glagola sa kojim se glagolska komponenta prisutna u složenici dovodi u vezu.

Polje F4 ima sledeću sintaksu:

d1

gde je d1 karakter koji označava deo složenice koji sadrži glagolsku komponentu. Primenjena je sledeća notacija:

d1=1 - ako je glagolska komponenta prisutna u prvom delu složenice;  
d1=2 - ako je glagolska komponenta prisutna u drugom delu složenice.

Polje F5 ima sledeću sintaksu:

e1e2e3...e9

gde su e1 do e9 karakteri motivišuće imenice sa kojom se imenička komponenta prisutna u složenici dovodi u vezu.

Polje F6 ima sledeću sintaksu:

f1

gde je f1 karakter koji označava deo složenice koji sadrži imeničku komponentu. Primenjena je sledeća notacija:

f1=1 - ako je imenička komponenta prisutna u prvom delu složenice;

f1=2 - ako je imenička komponenta prisutna u drugom delu složenice.

Polje F7 ima sledeću sintaksu:

g1g2g3...g5

gde su g1 do g5 karakteri vezane morfeme/spojnog elementa u prvom delu složenice. Primenjena je sledeća notacija:

g1 to g5 = a,b,c,d,e...z - ukoliko postoji vezana morfema/spojni elemenat u prvom delu složenice;

g1=0 - ukoliko nema vezane morfeme/spojnog elementa u prvom delu složenice.

Polje F8 ima sledeću sintaksu:

h1

Primenjena je sledeća notacija:

h1=0 - ukoliko nema vezane morfeme/spojnog elementa u prvom delu složenice;

h1=1 - ukoliko se vezana morfema/spojni elemenat javlja uz glagolsku komponentu;

h1=2 - ukoliko se vezana morfema/spojni elemenat ne javlja uz glagolsku komponentu.

Polje F9 ima sledeću sintaksu:

i1i2i3...i5

gde su i1 do i5 karakteri vezane morfeme u drugom delu složenice. Primenjenja je sledeća notacija:

i1 to i5 = a,b,c,d,e...z - ukoliko postoji vezana morfema u drugom delu složenice;

i1 = 0 - ukoliko nema vezane morfeme u drugom delu složenice.

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Polje F10 ima sledeću sintaksu:

j1

Primenjena je sledeća notacija:

j1=0 - ukoliko nema vezane morfeme u drugom delu složenice;

j1=1 - ukoliko se vezana morfema javlja uz glagolsku komponentu;

j1=2 - ukoliko se vezana morfema ne javlja uz glagolsku komponentu.

Polje F11 ima sledeću sintaksu:

k1

gde je k1 karakter koji označava svojstvo agentivan/neagentivan motivišućeg glagola koji se dovodi u vezu sa glagolskom komponentom u složenici.

Primenjena je sledeća notacija:

k1=1 - ukoliko je glagol agentivan;

k1=2 - ukoliko je glagol neagentivan.

Polje F12 ima sledeću sintaksu:

l1

gde je l1 karakter koji označava broj ispoljenih relacija. Primenjena je sledeća notacija:

l1=1 - jedna ispoljena relacija;

l1=2 - dve ispoljene relacije.

Polje F13 ima sledeću sintaksu.

m1m2m3..m10

gde su m1 do m10 karakteri koji označavaju agentivnost (m1); marker (m2); ispoljenu relaciju (m3 to m5); ispoljena relacija obavezna/neobavezna (m6); (ispoljena relacija) (m7 to m9); (ispoljena relacija obavezna/neobavezna) (m10). Primenjena je sledeća notacija:

m1=1 - glagol agentivan;

m1=2 - glagol neagentivan;

m2=0 - ukoliko nema markera;

m2=1 - marker 'svrha';

m2=2 - marker 'habitualnost';

m2=3 - marker 'habitualnost i profesija';

m2=4 - marker 'vrsta';

m3 do m5=R01 - mesto;

m3 do m5=R02 - instrument;

m3 do m5=R03 - posesor;

m3 do m5=R04 - pacijens;

m3 do m5=R05 - faktitiv;  
m3 do m5=R06 - agens;  
m3 do m5=R07 - objekt;  
m3 do m5=R08 - izvor;  
m3 do m5=R09 - vreme;  
m3 do m5=R10 - cilj;  
m3 do m5=R11 - socijativ;  
m3 do m5=R12 - posed;  
m6=1 - neobavezan;  
m6=2 - obavezan;  
m7 do m9 - objašnjenje kao u m3 do m5;  
m10 - objašnjenje kao u m6.

Polje F14 ima sledeću sintaksu:

n1n2n3...n10

gde su n1 do n10 karakteri koji označavaju ispoljenu(e) relaciju(e) i motivišući glagol po redosledu kojim su predstavljeni u obliku složenice; marker. Notacija je ista kao u F13 izuzev što karakter V prethodi karakteru koji označava svojstvo agentivan/neagentivan i karakter M vrsti markera.

Polje F15 ima sledeću sintaksu:

o1

gde je o1 karakter koji označava da li je argumentska struktura složenice zadovoljena ili nije zadovoljena unutar složenice. Primanjena je sledeća notacija:

o1=0 - nije zadovoljena;  
o1=1 - jeste zadovoljena.

Polje F16 ima sledeću sintaksu:

p1p2p3...p6

gde su p1 do p3 i p4 do p6 karakteri koji označavaju neispunjene relacije. Primanjena je sledeća notacija:

p1 do p3=P00 - nema neispunjene relacije;  
p1 do p3 (i ili p4 do p6)=P01 - mesto;  
p1 do p3 (i ili p4 do p6)=P02 - instrument;  
p1 do p3 (i ili p4 do p6)=P03 - posesor;  
p1 do p3 (i ili p4 do p6)=P04 - pacijens;  
p1 do p3 (i ili p4 do p6)=P05 - faktitiv;  
p1 do p3 (i ili p4 do p6)=P06 - agens;  
p1 do p3 (i ili p4 do p6)=P07 - objekat;  
p1 do p3 (i ili p4 do p6)=P08 - izvor;  
p1 do p3 (i ili p4 do p6)=P09 - vreme;  
p1 do p3 (i ili p4 do p6)=P10 - cilj;

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p1 do p3 (i ili p4 do p6)=P11 - socijativ;  
p1 do p3 (i ili p4 do p6)=P12 - posed.

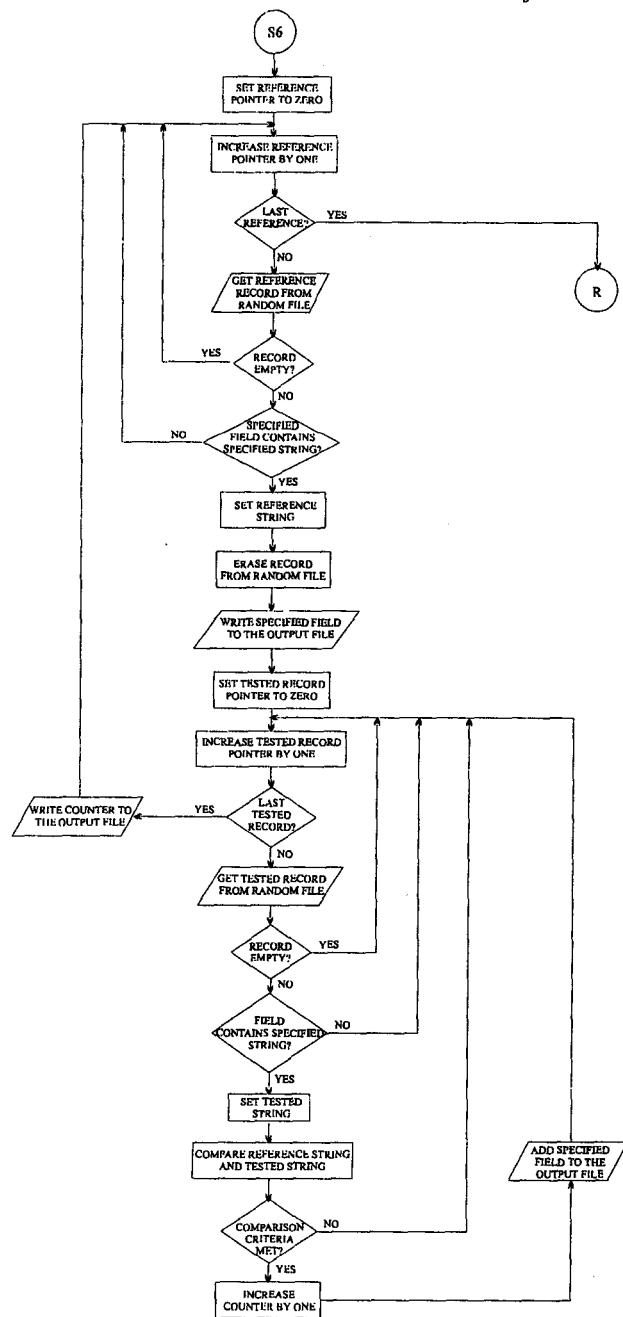
### 2.5.2 Algoritam za identifikovanje minimalnih parova pomoću kompjutera

#### 2.5.2.1 Opis algoritma

Program (dat u poglavlju 3) prolazi kroz skup osnovnih podataka i traži rekorde sa kodovima koji su specifikovani u ulaznim podacima sa opisom zadatka i postavlja prvi takav rekord za referencu. U isto vreme briše taj rekord iz skupa osnovnih podataka. Posle toga prolazi kroz skup osnovnih podataka od početka i traga za kombinacijom kodova (specifikovanom u ulaznim podacima sa opisom zadatka) koja odgovara kombinaciji kodova reference. Svako sparivanje rezultira u povećanju indeksa za jedan. Nakon što je pretražio ceo skup osnovnih podataka program postavlja novu referencu i proces se ponavlja dok postoje rekordi koji se mogu postaviti za referencu.

#### 2.5.2.2 Algoritam - dijagram toka

Algoritam za identifikovanje minimalnih parova je prikazan na dijagramu toka na Slici 2.1.



Slika 2.1 Shematski prikaz algoritma za identifikovanje minimalnih parova

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### 2.5.2.3 Ulazni podaci sa opisom zadatka - prikaz

Ulazni skup podataka sa opisom zadatka dat je po sledećoj shemi:

Linija Br.	Parametar	Opis
1:	fulaz	Naziv ulaznog skupa osnovnih podataka
2:	fizlaz	Naziv izlaznog skupa podataka
3:	n	Maksimalni broj rekorda
4:	t1	Niz karaktera za vrstu zadatka
5:	t2	Niz karaktera sa specifikacijom konkretnog zadatka

#### 2.5.2.3.1 Zadatak 1 - opis

Specifikacija Zadatka 1 ima sledeću sintaksu:

F1,F21,STRING1\$,F31,F32,F33,F34,F35,F41,F42

gde je

- F1=1       ako je izlaz F1 string;
- F21=4      ako je specifikovana karakteristika u polju F4;
- STRING1\$=1  ako je specifikovana karakteristika u F4 1;
- F31=3      ako rekord reference i rekord para treba da su jednaki s obzirom na F3;
- F32=7      ako rekord reference i rekord para treba da su jednaki s obzirom na F7;
- F33=8      ako rekord reference i rekord para treba da su jednaki s obzirom na F8;
- F34=9      ako rekord reference i rekord para treba da su jednaki s obzirom na F9;
- F35=10     ako rekord reference i rekord para treba da su jednaki s obzirom na F10;
- F41=14     ako rekord reference i rekord para treba da su različiti s obzirom na F14;
- F42= 16    ako rekord reference i rekord para treba da su različiti s obzirom na F16.

#### 2.5.2.3.1.1 Zadatak 1 - primer

Zadatak:

```
wordse1.dat
resultse.031
1526
0,0,0,0,0,1
1,4,"1",3,7,8,9,10,14,16
```

dat programu (vidi 3.) znači da program treba da procesuje skup ulaznih osnovnih podataka pod imenom wordse1.dat, da izlazne podatke zapiše pod imenom resultse.031, da je maksimalan broj rekorda u osnovnom skupu

podataka 1526, da treba da radi Tip zadatka 6, da treba da iz osnovnog skupa podataka izdvoji sve one F1 koje na F4 imaju karakteristiku "1" i da njima pridruži sve one F1 koje su jednake na F3, F7, F8, F9 i F10 i različite na F14 i F16.

Lista sa izlaznim podacima je data u 2.6.2.1.2.

#### *2.5.2.3.2 Zadatak 2 - opis*

Specifikacija Zadatka 2 ima sledeću sintaksu:

F1,F21,STRING1\$,F31,F32,F33,F34,F35,F41,F42

gde je

- |             |  |
|-------------|--|
| F1=1        | ako je izlaz F1 string;  |
| F21=4       | ako je specifikovana karakteristika u F4;                                  |
| STRING1\$=2 | ako je specifikovana karakteristika u F4 2;                                |
| F31=3       | ako rekord reference i rekord para treba da su jednaki s obzirom na F3;    |
| F32=7       | ako rekord reference i rekord para treba da su jednaki s obzirom na F7;    |
| F33=8       | ako rekord reference i rekord para treba da su jednaki s obzirom na F8;    |
| F34=9       | ako rekord reference i rekord para treba da su jednaki s obzirom na F9;    |
| F35=10      | ako rekord reference i rekord para treba da su jednaki s obzirom na F10;   |
| F41=14      | ako rekord reference i rekord para treba da su različiti s obzirom na F14; |
| F42=16      | ako rekord reference i rekord para treba da su različiti s obzirom na F16. |

#### *2.5.2.3.2.1 Zadatak 2 - primer*

Zadatak:

```
wordse1.dat
resultse.032
1526
0,0,0,0,0,1
1,4,"2",3,7,8,9,10,14,16
```

dat programu (vidi 3.) znači da program treba da procesuje skup ulaznih osnovnih podataka pod imenom wordse1.dat, da izlazne podatke zapiše pod imenom resultse.032, da je maksimalan broj rekorda u osnovnom skupu podataka 1526, da treba da radi Tip zadatka 6, da treba da iz osnovnog skupa podataka izdvoji sve one F1 koje na F4 imaju karakteristiku "2" i da njima pridruži sve one F1 koje su jednake na F3, F7, F8, F9 i F10 i različite na F14 i F16.

Lista sa izlaznim podacima je data u 2.6.2.1.3.

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### 2.5.2.3.3 Zadatak 3 - opis

Specifikacija Zadatka 3 ima sledeću sintaksu:

F1,F21,STRING1\$,F31,F32,F33,F34,F35,F41,F42

gde je

- F1=1       ako je izlaz F1 string;
- F21=4      ako je specifikovana karakteristika u F4;
- STRING1\$=2  ako je specifikovana karakteristika u F4 2;
- F31=5      ako rekord reference i rekord para treba da su jednaki s obzirom na F5;
- F32=7      ako rekord reference i rekord para treba da su jednaki s obzirom na F7;
- F33=8      ako rekord reference i rekord para treba da su jednaki s obzirom na F8;
- F34=9      ako rekord reference i rekord para treba da su jednaki s obzirom na F9;
- F35=10     ako rekord reference i rekord para treba da su jednaki s obzirom na F10;
- F41=14     ako rekord reference i rekord para treba da su različiti s obzirom na F14;
- F42= 16    ako rekord reference i rekord para treba da su različiti s obzirom na F16.

#### 2.5.2.3.3.1 Zadatak 3 - primer

Zadatak:

```
wordse1.dat
resultse.033
1526
0,0,0,0,0,1
1,4,"2",5,7,8,9,10,14,16
```

dat programu (vidi 3.) znači da program treba da procesuje skup ulaznih osnovnih podataka pod imenom wordse1.dat, da izlazne podatke zapiše pod imenom resultse.033, da je maksimalan broj rekorda u osnovnom skupu podataka 1526, da treba da radi Tip zadatka 6, da treba da iz osnovnog skupa podataka izdvoji sve one F1 koje na F4 imaju karakteristiku "2" i da njima pridruži sve one F1 koje su jednake na F5, F7, F8, F9 i F10 i različite na F14 i F16.

Lista sa izlaznim podacima je data u 2.6.2.1.4.

### 2.5.2.3.4 Zadatak 4 - opis

Specifikacija Zadatka 4 ima sledeću sintaksu:

F1,F21,STRING1\$,F31,F32,F33,F34,F35,F41,F42

gde je

- F1=1       ako je izlaz F1 string;
- F21=4      ako je specifikovana karakteristika u F4;

STRING1\$=1	ako je specifikovana karakteristika u F4 1;
F31=5	ako rekord reference i rekord para treba da su jednaki s obzirom na F5;
F32=7	ako rekord reference i rekord para treba da su jednaki s obzirom na F7;
F33=8	ako rekord reference i rekord para treba da su jednaki s obzirom na F8;
F34=9	ako rekord reference i rekord para treba da su jednaki s obzirom na F9;
F35=10	ako rekord reference i rekord para treba da su jednaki s obzirom na F10;
F41=14	ako rekord reference i rekord para treba da su različiti s obzirom na F14;
F42=16	ako rekord reference i rekord para treba da su različiti s obzirom na F16.

#### 2.5.2.3.4.1 Zadatak 4 - primer

Zadatak:

```
wordse1.dat
resultse.034
1526
0,0,0,0,1
1,4,"1",5,7,8,9,10,14,16
```

dat programu (vidi 3.) znači da program treba da procesuje skup ulaznih osnovnih podataka pod imenom wordse1.dat, da izlazne podatke zapiše pod imenom resultse.034, da je maksimalan broj rekorda u osnovnom skupu podataka 1526, da treba da radi Tip zadatka 6, da treba da iz osnovnog skupa podataka izdvoji sve one F1 koje na F4 imaju karakteristiku "1" i da njima pridruži sve one F1 koje su jednake na F5, F7, F8, F9 i F10 i različite na F14 i F16.

Lista sa izlaznim podacima je data u 2.6.2.1.5.

## 2.6 Distinkтивна обељежја и минимални парови

### 2.6.1 Distinkтивна обељежја

Sistem obeležja koji se prikazuje u ovom odeljku nije preuzet iz literature i odraz je autorovog sopstvenog razmišljanja i ubeđenja (vidi šire objašnjenje u poglavljju 1.3, Modeli i metodi.)

Pod relacijama se podrazumevaju dubinski logički odnosi argumenta (ili argumenata) s obzirom na glagol (Leech, 1981; Leech, pismo, mart 1984).

Pregled leksičkih i relacionih distinkтивних обељежја dat je u Tabeli 2.1. Relacija je definisana ukupnošću обељежја koja su označena sa plus (+).

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Обељежје 'агентиван' знаћи да мотивишући глагол приhvата relацију 'агенс', а обељежје 'неагентиван' да мотивишући глагол не приhvата relацију 'агенс'. Primer: **shine** у **shoe-shine** и **pisati** у **zemljopis** ('агентиван'); **shine** у **sunshine** и **tresti se** у **zemljotres** ('неагентиван'). Vidi остale primere u Tabeli 2.2. i Tabeli 2.3.

Relacija 'агенс' је definisana leksičkim obeležjem 'жив' i relacionim obeležjima: 'kontrolor', 'узрок', 'извор', 'активан' i 'афектор'. Primer: **candle-lighter** i **kitolovac**. Vidi остale primere u Tabeli 2.2. i Tabeli 2.3.

Relacija 'instrument 1' је definisana leksičkim obeležjem 'нежив' i relacionim obeležjima: 'узрок', 'извор', 'пасиван'. Primer: **walking-part** i **vetrobran**. Vidi остale primere u Tabeli 2.2. i Tabeli 2.3.

Relacija 'instrument 2' је definisana leksičkim obeležjem 'нежив' i relacionim obeležjima: 'kontrolirani', 'узрок', 'пасиван'. Primer: **ear-picker** i **kitolovac**. Vidi остale primere u Tabeli 2.2. i Tabeli 2.3.

Relacija 'instrument 3' је definisana leksičким обељежјем 'нежив' i relacionim обељежјима: 'kontrolor', 'узрок', 'извор', 'пасиван', 'афектор'. Primer: **doorstopper** i **ledolomac**. Vidi остale primere u Tabeli 2.2. i Tabeli 2.3.

Relacija 'објект' је definisана relacionim обељежјима: 'kontrolirani', 'циљ', 'пасиван' i 'афектирани'. Primer: **housekeeper** i **domobran**. Vidi остale primere u Tabeli 2.2. i Tabeli 2.3.

Relacija 'фактив' је definisана relacionim обељежјима: 'kontrolirani', 'ефект', 'циљ' i 'пасиван'. Primer: **house-builder** i **законописац**. Vidi остale primere u Tabeli 2.2 i Tabeli 2.3.

Relacija 'пацијенс' је definisана relacionim обељежјима: 'kontrolirani', 'циљ', 'пасиван' i 'афектирани'. Primer: **ice fall** i **миroljubac**. Vidi остale primere u Tabeli 2.2 i Tabeli 2.3.

Relacija 'извор' је definisана relacionim обељежјима: 'извор' i 'пасиван'. Primer: **reading-book** i **smrdibuba**. Vidi остale primere u Tabeli 2.2 i Tabeli 2.3.

Relacija 'циљ' је definisана relacionim обељежјима: 'циљ' i 'пасиван'. Primer: **housebreaker** i **богомолјац**. Vidi остale primere u Tabeli 2.2 i Tabeli 2.3.

Relacija 'посесор' је definisана relacionim обељежјима: 'kontrolor' i 'пасиван'. Primer: **householder** i **земљодрзач**. Vidi остale primere u Tabeli 2.2 i Tabeli 2.3.

Relacija 'позед' је definisана relacionim обељежјима: 'kontrolirani' i 'пасиван'. Primer: **householder** i **zemljodrzac**. Vidi остale primere u Tabeli 2.2 i Tabeli 2.3.

Relacija 'сocijativ' је definisана relacionim обељежјима: 'циљ' i 'активан'. Primer: **playmate** i **плаћидруг**. Vidi остale primere u Tabeli 2.2 i Tabeli 2.3.

Relacija 'место' је definisана relacionim обељежјем 'место'. Primer: **playground** i **человода**. Vidi остale primere u Tabeli 2.2 i Tabeli 2.3.

Relacija 'време' је definisана relacionim обељежјем 'време'. Primer: **playtime** i **listopad**. Vidi остale primere u Tabeli 2.2 i Tabeli 2.3.

Relaciono обељежје 'kontrolor' ulazi u definiciju relacija: 'агенс', 'instrument 3' i 'posesor' (види Табелу 2.1 i primere u Tabeli 2.2 i Tabeli 2.3).

Relaciono obeležje 'kontrolirani' ulazi u definiciju relacija: 'instrument 2', 'objekt', 'faktitiv', 'pacijens' i 'posed' (vidi Tabelu 2.1 i primere u Tabeli 2.2 i Tabeli 2.3).

Relaciono obeležje 'uzrok' ulazi u definiciju relacija: 'agens', 'instrument 1', 'instrument 2' i 'instrument 3' (vidi Tabelu 2.1 i primere u Tabeli 2.2 i Tabeli 2.3).

Relaciono obeležje 'efekt' ulazi u definiciju relacije 'faktitiv' (vidi Tabelu 2.1 i primere u Tabeli 2.2 i Tabeli 2.3).

Relaciono obeležje 'izvor' ulazi u definiciju relacija: 'agens', 'instrument 1', 'instrument 3' i 'izvor' (vidi Tabelu 2.1 i primere u Tabeli 2.2 i Tabeli 2.3).

Relaciono obeležje 'cilj' ulazi u definiciju relacija: 'objekt', 'faktitiv', 'pacijens', 'cilj' i 'socijativ' (vidi Tabelu 2.1 i primere u Tabeli 2.2. Tabeli 2.3).

Relaciono obeležje 'aktivan' ulazi u definiciju relacija: 'agens' i 'socijativ' (vidi Tabelu 2.1 i primere u Tabeli 2.2. i Tabeli 2.3).

Relaciono obeležje 'pasivan' ulazi u definiciju relacija: 'instrument 1', 'instrument 2', 'instrument 3', 'objekt', 'faktitiv', 'pacijens', 'izvor', 'cilj', 'posesor' i 'posed' (vidi Tabelu 2.1 i primere u Tabeli 2.2 i Tabeli 2.3).

Relaciono obeležje 'afektor' ulazi u definiciju relacija: 'agens' i 'instrument 3' (vidi Tabelu 2.1 i primere u Tabeli 2.2 i Tabeli 2.3).

Relaciono obeležje 'afektirani' ulazi u definiciju relacija: 'objekt' i 'pacijens' (vidi Tabelu 2.1 i primere u Tabeli 2.2 i Tabeli 2.3).

Relaciono obeležje 'mesto' ulazi u definiciju relacije 'mesto' (vidi Tabelu 2.1 i primere u Tabeli 2.2 i Tabeli 2.3).

Relaciono obeležje 'vreme' ulazi u definiciju relacije 'vreme' (vidi Tabelu 2.1 i primere u Tabeli 2.2 i Tabeli 2.3).

## **2.6.2 Minimalni parovi**

### **2.6.2.1 Minimalni parovi u engleskom jeziku**

#### *2.6.2.1.1 Relacije, leksička i relaciona obeležja ilustrovana minimalnim parovima u engleskom jeziku*

Rezultati su prikazani u Tabeli 2.2.

Tabela 2.1 Relacije, leksička i relaciona obeležja

LOG		RELACIJE		RELACIONA OBELEŽJA											
A	NA			K	K	C	E	I	C	A	P	A	A	L	T
+	-	AGENS		+	-	+	-	+	-	+	-	+	-	-	-
+	-	INSTRUMENT 1		-	-	+	-	+	-	-	+	-	-	-	-
-	+		2	-	+	+	-	-	-	-	+	-	-	-	-
			3	+	-	+	-	+	-	-	+	+	-	-	-
+	-	OBJEKT		-	+	-	-	-	+	-	+	-	+	-	-
+	-	FAKTITIV		-	+	-	+	-	+	-	+	-	-	-	-
-	+	PACIJENS		-	+	-	-	-	+	-	+	-	+	-	-
-	+	IZVOR		-	-	-	-	+	-	-	+	-	-	-	-
-	+														
+	-	CILJ		-	-	-	-	-	+	-	+	-	-	-	-
-	+	POSESOR		+	-	-	-	-	-	-	+	-	-	-	-
-	+	POSED		-	+	-	-	-	-	-	+	-	-	-	-
+	-	SOCIJATIV		-	-	-	-	-	+	+	-	-	-	-	-
+	-	MESTO		-	-	-	-	-	-	-	-	-	-	+	-
-	+														
+	-	VREME		-	-	-	-	-	-	-	-	-	-	-	+
-	+														

LOG = Leksičko obeležje glagola

CIL = Cilj

A = Agentivan

AKT = Aktivan

NA = Neagentivan

PAS = Pasivan

KLR = Kontrolor

AFR = Afektor

KLI = Kontrolirani

AFI = Afektirani

CAU = Uzrok

LOK = Mesto

EFF = Efekt

TEM = Vreme

IZV = Izvor

Tabela 2.2 Relacije, leksička i relaciona obeležja ilustrovana minimalnim parovima u engleskom jeziku

RELACIJE		
Agens	+	wine-taster
Agens	-	wine-cooler
Agens	+	candle-lighter
Agens	-	candle-lighter
Instrument1	+	walking-part
Instrument1	-	walking-shoe
Instrument1	+	mercy-killing
Instrument1	-	time-killing
Instrument2	+	ear-picker
Instrument2	-	hop-picker
Instrument2	+	sword-dance
Instrument2	-	ice-dance
Instrument3	+	doorstopper
Instrument3	-	door-keeper
Instrument3	+	grinding-wheel
Instrument3	-	driving-wheel
Objekt	+	housekeeper

Objekt	-	house-builder
Objekt	+	call-girl
Objekt	-	call-boy
Faktitiv	+	shipbuilder
Faktitiv	-	ship-breaker
Faktitiv	+	road-maker
Faktitiv	-	road-scraper
Pacijens	+	ice fall
Pacijens	-	windfall
Pacijens	+	ice-drift
Pacijens	-	ice-dance
Izvor	+	reading-book
Izvor	-	reading-lamp
Izvor	+	prison-breaker
Izvor	-	housebreaker
Cilj	+	housebreaker
Cilj	-	prison-breaker
Cilj	+	sunworship
Cilj	-	sunshine
Posesor	+	ship-owner
Posesor	-	shipbuilder
Posesor	+	householder
Posesor	-	housekeeper
Posed	+	householder
Posed	-	house-cleaner
Posed	+	house-owner
Posed	-	housekeeper
Socijativ	+	work-mate
Socijativ	-	workman
Socijativ	+	playmate
Socijativ	-	plaything
Mesto	+	playground
Mesto	-	playtime
Mesto	+	writing-paper
Mesto	-	blotting-paper
Vreme	+	wash-day
Vreme	-	wash-house
Vreme	+	playtime
Vreme	-	kill-time
<b>LOGIČKO OBELEŽIJE GLAGOLA</b>		
Agentivan	+	folding-machine
Agentivan	-	folding-door
Agentivan	+	shoe-shine
Agentivan	-	sunshine
<b>RELACIONA OBELEŽJA</b>		
Kontrolor	+	call-boy
Kontrolor	-	call-girl
Kontrolor	+	potoato_picker
Kontrolor	-	ear-picker
Kontrolirani	+	dancing_shoe
Kontrolirani	-	dancing-girl
Kontrolirani	+	walking-stick
Kontrolirani	-	walking-lady
Uzrok	+	sneeze-wood
Uzrok	-	driftwood

Uzrok	+	windfall
Uzrok	-	rainfall
Efekt	+	house-bilder
Efekt	-	house-cleaner
Efekt	+	cheese_maker
Efekt	-	cheese-slicer
Izvor	+	prison-breaker
Izvor	-	house-breaker
Izvor	+	sunshine
Izvor	-	sunset
Cilj	+	prize-fight
Cilj	-	sea-fight
Cilj	+	shop-breaker
Cilj	-	prison-breaker
Aktivan	+	call-bird
Aktivan	-	call-girl
Aktivan	+	dancing_bear
Aktivan	-	dancing-shoe
Pasivan	+	sucking-bottle
Pasivan	-	sucking-pig
Pasivan	+	catchfly
Pasivan	-	catchweed
Afektor	+	drawing-machine
Afektor	-	drawing-bridge
Afektor	+	sleeping-pill
Afektor	-	sleeping-bag
Afektirani	+	ice-breaker
Afektirani	-	ice-skater
Afektirani	+	stage-driver
Afektirani	-	stage-player
Mesto	+	sea-fight
Mesto	-	bullfight
Mesto	+	heartache
Mesto	-	heart-break
Vreme	+	daydream
Vreme	-	daybreak
Vreme	+	feeding-time
Vreme	-	feeding-bottle

**MARKERI KAO OBELEŽJA**

Svrha	+	bottle-washer
Svrha	-	bottle-washer
Svrha	+	kill-time
Svrha	-	kill-joy
Habitualnost	+	dish-washer
Habitualnost	-	dish-washer
Habitualnost	+	bird-watcher
Habitualnost	-	birdtrainer
Habitualnost& Profesija	+	window-washer
Habitualnost& Profesija	-	bottle-washer
Habitualnost& Profesija	+	birdtrainer
Habitualnost& Profesija	-	bird-watcher
Vrsta	+	grave-digger
Vrsta	-	grave-digger
Vrsta	+	fly-catcher
Vrsta	-	fly-catcher

**2.6.2.1.2 Zadatak 1 - izlazni podaci**

Opis algoritma, zadatka i primer dati su u 2.5.2.1, 2.5.2.3, 2.5.2.3.1 i 2.5.2.3.1.1.

Izlazni podaci su dati u celini. U svakoj pojedinoj grupi minimalnih parova prva reč u grupi čini minimalni par sa bilo kojom narednom reči u grupi. Broj koji se nalazi na kraju grupe odgovara broju minimalnih parova.

**2.6.2.1.3 Zadatak 2 - izlazni podaci**

Opis algoritma, zadatka i primer dati su u 2.5.2.1, 2.5.2.3, 2.5.2.3.2 i 2.5.2.3.2.1.

Izlazni podaci su dati u celini. U svakoj pojedinoj grupi minimalnih parova prva reč u grupi čini minimalni par sa bilo kojom narednom reči u grupi. Broj koji se nalazi na kraju grupe odgovara broju minimalnih parova.

**2.6.2.1.4 Zadatak 3 - izlazni podaci**

Opis algoritma, zadatka i primer dati su u 2.5.2.1, 2.5.2.3, 2.5.2.3.3 i 2.5.2.3.3.1.

Izlazni podaci su dati u celini. U svakoj pojedinoj grupi minimalnih parova prva reč u grupi čini minimalni par sa bilo kojom narednom reči u grupi. Broj koji se nalazi na kraju grupe odgovara broju minimalnih parova.

**2.6.2.1.5 Zadatak 4 - izlazni podaci**

Opis algoritma, zadatka i primer dati su u 2.5.2.1, 2.5.2.3, 2.5.2.3.4 i 2.5.2.3.4.1.

Izlazni podaci su dati u celini. U svakoj pojedinoj grupi minimalnih parova prva reč u grupi čini minimalni par sa bilo kojom narednom reči u grupi. Broj koji se nalazi na kraju grupe odgovara broju minimalnih parova.

**2.6.2.1.2 Lista minimalnih parova (Zadatak 1 - izlazni podaci)**

answerphone	COUNT= 0	blazing-star
bake-house	bathing-costume	COUNT= 0
bake-stone	COUNT= 0	bleeding-heart
COUNT= 1	bathing-dress	COUNT= 0
bake-stone	COUNT= 0	blotting-paper
COUNT= 0	bathing-machine	COUNT= 0
baking-powder	COUNT= 0	blowgun
COUNT= 0	bathing-suit	COUNT= 0
baking-soda	COUNT= 0	blowpipe
COUNT= 0	bindweed	COUNT= 0
bathing_cap	COUNT= 0	boiling-chicken
		COUNT= 0

booking-hall COUNT= 0	call-box call-boy call-day call-girl COUNT= 3	catch-basin catch-phrase COUNT= 1
booking-office COUNT= 0		catch-phrase catch-pit COUNT= 1
boxing-glove COUNT= 0	call-boy call-day call-girl COUNT= 2	catch-pit COUNT= 0
breakneck breakwater break-wind COUNT= 2	call-day call-girl COUNT= 1	change-room COUNT= 0
breakwater break-jaw COUNT= 1	call-girl COUNT= 0	changing-room COUNT= 0
break-bones COUNT= 0	carrycot COUNT= 0	check-point check-time COUNT= 1
break-jaw break-wind COUNT= 1	carving_fork COUNT= 0	check-time COUNT= 0
break-wind COUNT= 0	carving_knife COUNT= 0	chewing-gum COUNT= 0
breeding-ground COUNT= 0	catchfly catchpenny catchweed catchword catch-basin catch-phrase catch-pit COUNT= 6	chewing-tobacco COUNT= 0
brushing-machine COUNT= 0		chokeberry COUNT= 0
call_button call-bird call-box call-boy call-day call-girl COUNT= 5	catchpenny catchweed catchword catch-basin catch-phrase catch-pit COUNT= 5	choke-apple COUNT= 0
call-bell call-bird call-box call-boy call-day call-girl COUNT= 5	catchweed catchword catch-basin catch-phrase catch-pit COUNT= 4	choke-cherry COUNT= 0
call-bird call-box call-boy call-day call-girl COUNT= 4	catchword catch-basin catch-pit COUNT= 2	choke-pear COUNT= 0
		choke-weed COUNT= 0
		cleaning_lady COUNT= 0
		cleaning_woman COUNT= 0
		climbing_plant climbing-boot COUNT= 1
		climbing-boot COUNT= 0

composing-machine COUNT= 0	dancing-girl dancing-partner COUNT= 1	COUNT= 3
cookhouse COUNT= 0	dancing-partner COUNT= 0	drawing-board drawing-frame drawing-pencil drawing-pin COUNT= 3
cooking-cheese cooking-oil COUNT= 1	dare-devil COUNT= 0	drawing-bridge drawing-machine COUNT= 1
cooking-oil COUNT= 0	dining_car COUNT= 0	drawing-frame drawing-paper drawing-room COUNT= 2
cry-baby COUNT= 0	dining_room COUNT= 0	drawing-knife drawing-machine COUNT= 1
curling_iron COUNT= 0	dining_table COUNT= 0	drawing-machine drawing-table COUNT= 1
curling-stone COUNT= 0	dining-hall COUNT= 0	drawing-pen COUNT= 0
cutpurse cutwater cutworm COUNT= 2	dipping-well dip-net dip-stick COUNT= 1	drawing-pencil drawing-pen drawing-pin COUNT= 2
cutting_diamond COUNT= 0	dip-stick COUNT= 0	drawing-pencil drawing-room COUNT= 1
cutwater cutworm cut-throat COUNT= 2	diving_board COUNT= 0	drag-anchor drag-bar drag-net COUNT= 2
cutworm cut-throat COUNT= 1	do-gooder COUNT= 0	drag-bar drag-net COUNT= 1
cut-throat COUNT= 0	drag-bar drag-net COUNT= 0	drag-bar drag-net drawstring draw-bar draw-boy draw-well COUNT= 3
dance-hall COUNT= 0	drag-net COUNT= 0	draw-bar draw-boy draw-knife draw-net
dancing_bear dancing_shoe dancing-girl dancing-partner COUNT= 3	draining_board COUNT= 0	draw-bar draw-boy draw-knife draw-net
dancing_shoe dancing-girl dancing-partner COUNT= 2	drawbridge draw-bar draw-boy draw-well	draw-bar draw-boy draw-knife draw-net

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draw-well COUNT= 4	driving-wheel COUNT= 0	filtering-tank COUNT= 0
draw-boy draw-knife draw-net draw-well COUNT= 3	drop_seat drop-seed drop-zone COUNT= 2	fishing-boat COUNT= 0
draw-knife draw-well COUNT= 1	drop-curtain drop-seed drop-zone COUNT= 2	fishing-line COUNT= 0
draw-net draw-well COUNT= 1	drop-hammer drop-seed drop-zone COUNT= 2	fishing-rod COUNT= 0
draw-well COUNT= 0	drop-seed drop-zone COUNT= 1	fish-hook COUNT= 0
driftice COUNT= 0	drop-zone COUNT= 0	floating_grass COUNT= 0
driftweed COUNT= 0	dwelling-house COUNT= 0	float-copper COUNT= 0
driftwood COUNT= 0	dwelling-place COUNT= 0	float-gold COUNT= 0
drift-anchor COUNT= 0	eating-house COUNT= 0	float-mineral COUNT= 0
drift-net COUNT= 0	eating-place COUNT= 0	float-ore COUNT= 0
drilling-machine COUNT= 0	falling_star COUNT= 0	float-quartz COUNT= 0
drinking_chocolate drinking_straw drinking-man COUNT= 2	feeding-bottle feeding-time COUNT= 1	float-stone COUNT= 0
drinking_straw drinking-man drinking-water COUNT= 2	feeding-time feeding-tube COUNT= 1	folding-door folding-machine COUNT= 1
drinking-man drinking-water COUNT= 1	feeding-tube COUNT= 0	folding-machine COUNT= 0
drinking-water COUNT= 0	fetch-water COUNT= 0	frying-pan frying-steak COUNT= 1
driving-licence COUNT= 0	filtering-basin COUNT= 0	frying-steak COUNT= 0
		gambling_house gambling-man COUNT= 1

gambling-man COUNT= 0	COUNT= 5	landing-place COUNT= 0
giggle-smoke COUNT= 0	hunting-dog hunting-field hunting-ground hunting-party COUNT= 3	laughing-gas COUNT= 0
glow-worm COUNT= 0	hunting-field hunting-party hunting-spider COUNT= 2	laughing-stock COUNT= 0
go-cart COUNT= 0	hunting-ground hunting-party hunting-spider COUNT= 2	lifting-bridge COUNT= 0
greeting_card COUNT= 0	hunting-party hunting-spider COUNT= 1	lifting-gate COUNT= 0
grilling-steak COUNT= 0	hunting-spider COUNT= 0	lift-bridge COUNT= 0
grinding-wheel COUNT= 0	hush-money COUNT= 0	living_room COUNT= 0
grindstone COUNT= 0	icing-sugar COUNT= 0	looking-glass COUNT= 0
guide-book COUNT= 0	ironing-board COUNT= 0	magnifying_glass COUNT= 0
hangdog hangman COUNT= 1	jogging_shoe COUNT= 0	make-peace COUNT= 0
hangman COUNT= 0	jump_jockey COUNT= 0	mixing-machine COUNT= 0
hiding-place COUNT= 0	kill-devil kill-time COUNT= 1	mocking-bird COUNT= 0
holding_fee COUNT= 0	kill-joy kill-time COUNT= 0	mock-bird COUNT= 0
humming-bird COUNT= 0	kill-time COUNT= 0	password COUNT= 0
hunting-ant hunting-cog hunting-field hunting-ground hunting-party COUNT= 4	knitting-needle COUNT= 0	paving_stone COUNT= 0
hunting-cog hunting-dog hunting-field hunting-ground hunting-party hunting-spider	landing-field COUNT= 0	pay-box pay-day pay-night pay-week COUNT= 3

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pay-day	play-girl	play-school
pay-desk	COUNT= 6	COUNT= 2
pay-office		
pay-room	playfellow	play-girl
COUNT= 3	playground	play-school
	playroom	COUNT= 1
pay-desk	plaything	
pay-night	playtime	play-school
pay-week	play-day	COUNT= 0
COUNT= 2	play-girl	
	play-school	polishing-paste
pay-night	COUNT= 7	COUNT= 0
pay-office	playground	
pay-room	playmate	polishing-powder
COUNT= 2	plaything	COUNT= 0
	playtime	
pay-office	play-day	polishing-slate
pay-week	play-girl	COUNT= 0
COUNT= 1	COUNT= 5	
		posting_box
pay-room	playing-card	COUNT= 0
pay-week	playing-field	
COUNT= 1	COUNT= 1	printing-house
		printing-ink
pay-week	playing-field	printing-machine
COUNT= 0	COUNT= 0	COUNT= 2
peep-hole	playmate	printing-ink
COUNT= 0	playroom	printing-machine
	plaything	printing-office
pickpocket	playtime	printing-paper
picktooth	play-day	COUNT= 3
COUNT= 1	play-girl	
	play-school	
picktooth	COUNT= 6	printing-machine
COUNT= 0		printing-office
	playroom	printing-paper
pinchpenny	plaything	COUNT= 2
COUNT= 0	playtime	
	play-day	printing-office
playboy	play-girl	COUNT= 0
playcentre	COUNT= 4	
playfellow		printing-paper
playground	plaything	COUNT= 0
playmate	playtime	
playroom	play-day	punch-ball
plaything	play-girl	COUNT= 0
playtime	play-school	
play-day	COUNT= 4	push-bicycle
play-school		COUNT= 0
COUNT= 9	playtime	push-bike
playcentre	play-girl	COUNT= 0
playfellow	play-school	
playmate	COUNT= 2	push-button
plaything		COUNT= 0
playtime	play-day	
play-day	play-girl	push-cart

COUNT= 0		COUNT= 2
push-chair	reading-room	riding-horse
COUNT= 0	COUNT= 0	riding-master
push-cycle	recording-studio	riding-robe
COUNT= 0	COUNT= 0	riding-school
quaking-grass	resting-place	riding-skirt
COUNT= 0	COUNT= 0	riding-suit
rattlesnake	resting-room	riding-whip
rattle-brain	COUNT= 0	COUNT= 6
rattle-head	revolving_door	riding-master
rattle-pate	COUNT= 0	riding-school
COUNT= 3	riding-boot	COUNT= 1
rattle-brain	riding-horse	riding-robe
COUNT= 0	riding-school	riding-school
rattle-head	COUNT= 2	riding-skirt
COUNT= 0	riding-breeches	riding-suit
rattle-pate	riding-horse	riding-whip
COUNT= 0	riding-school	COUNT= 3
reading_glove	COUNT= 2	riding-skirt
reading-book	riding-clothes	COUNT= 0
reading-desk	riding-horse	riding-suit
reading-room	riding-school	COUNT= 0
COUNT= 3	COUNT= 2	riding-whip
reading-book	riding-coat	roasting-chicken
reading-desk	riding-horse	COUNT= 0
reading-glass	riding-school	rocking_horse
reading-lamp	COUNT= 2	COUNT= 0
reading-light	riding-glove	rolling-machine
reading-room	riding-horse	rolling-pin
COUNT= 5	COUNT= 2	COUNT= 1
reading-desk	riding-school	rolling-pin
reading-glass	COUNT= 2	COUNT= 0
reading-lamp	riding-habit	rove-beetle
reading-light	riding-horse	COUNT= 0
reading-room	riding-school	rowing-boat
COUNT= 3	COUNT= 2	COUNT= 0
reading-glass	riding-hood	row-barge
reading-room	riding-horse	
COUNT= 1	riding-school	
reading-light		
reading-room		
COUNT= 1		

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COUNT= 0	scrubbing-board	showroom
row-boat COUNT= 0	scrubbing-brush COUNT= 1	show-place COUNT= 1
rubbing-stone COUNT= 0	scrubbing-brush COUNT= 0	show-place COUNT= 0
rubstone COUNT= 0	scrub_board COUNT= 0	singing-bird COUNT= 0
running_shoe COUNT= 0	sealing-wax COUNT= 0	sink-stone COUNT= 0
running-board COUNT= 0	searchlight search-party COUNT= 1	sitting-room COUNT= 0
runway COUNT= 0	search-party COUNT= 0	skateboard COUNT= 0
rush_hour COUNT= 0	sewing-machine sewing-maid COUNT= 1	skimming-dish COUNT= 0
saw-bones COUNT= 0	sewing-maid COUNT= 0	skim-milk COUNT= 0
scattergood COUNT= 0	share-cropper COUNT= 0	skipping-rope COUNT= 0
scaling-ladder COUNT= 0	shaving_cream COUNT= 0	sleeping_tablet
scalping-knife COUNT= 0	shaving-brush COUNT= 0	sleeping-bag
scanning-disk COUNT= 0	shaving-soap COUNT= 0	sleeping-car
scare-crow COUNT= 0	shooting-gallery shooting-iron shooting-jacket shooting-star COUNT= 3	sleeping-coach
scatter-brain COUNT= 0	shooting-iron shooting-jacket shooting-star COUNT= 2	sleeping-partner
scratch_board scratch-brush COUNT= 1	shooting-jacket shooting-star COUNT= 1	sleeping-pill
scratch-brush COUNT= 0	shooting-jacket shooting-star COUNT= 0	sleeping-suit
screech-owl COUNT= 0	shooting-star COUNT= 1	COUNT= 3
scribbling-pad COUNT= 0	shooting-star COUNT= 0	sleeping-coach
		sleeping-partner
		sleeping-pill
		sleeping-suit
		COUNT= 2

sleeping-pill COUNT= 0	spinning-wheel COUNT= 0	standing-ground standing-place standing-room COUNT= 3
sleeping-suit COUNT= 0	spin-text COUNT= 0	standing-ground COUNT= 0
slip-coach COUNT= 0	spit-box spit-fire COUNT= 1	standing-place COUNT= 0
slip-knot COUNT= 0	spit-fire COUNT= 0	standing-room COUNT= 0
slip-shoe COUNT= 0	spoil-sport COUNT= 0	starting-point COUNT= 0
smelling_salt COUNT= 0	springboard COUNT= 0	starting-post COUNT= 0
smoke-house smoke-room COUNT= 1	spy_plane COUNT= 0	steering-wheel COUNT= 0
smoke-room COUNT= 0	spy_satelite COUNT= 0	stewing-steak COUNT= 0
smoking_room COUNT= 0	spy-dust COUNT= 0	sticking-place sticking-plaster COUNT= 1
sneak-thief COUNT= 0	spy-glass COUNT= 0	sticking-plaster sticking-point COUNT= 1
sneeze-box sneeze-weed sneeze-wood COUNT= 2	spy-hole COUNT= 0	sticking-point COUNT= 0
sneeze-weed COUNT= 0	spy-tower COUNT= 0	stickjaw COUNT= 0
sneeze-wood COUNT= 0	spy-window COUNT= 0	stinkhorn stinkstone stink-bomb COUNT= 2
sob-story COUNT= 0	stampeding-machine COUNT= 0	stinkstone stinkweed stink-bird stink-bomb stink-wood COUNT= 4
sob-stuff COUNT= 0	standing-bed standing-ground standing-place standing-room COUNT= 3	stinkweed stink-bomb COUNT= 1
speaking-trumpet COUNT= 0	standing-bowl standing-ground standing-place standing-room COUNT= 3	stink-bird
speaking-tube COUNT= 0	standing-cup	
spending-money COUNT= 0		

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stink-bomb COUNT= 1	COUNT= 0	COUNT= 0
stink-bomb stink-wood COUNT= 1	surf-boat COUNT= 0	throwing-stick COUNT= 0
stink-wood COUNT= 0	surf-canoe COUNT= 0	throw-stick COUNT= 0
stop-gap stop-gap stop-watch COUNT= 2	swear-word COUNT= 0	thrust-hoe COUNT= 0
stop-gap stop-watch COUNT= 1	sweep-net COUNT= 0	toasting-fork COUNT= 0
stop-watch COUNT= 0	swell-fish COUNT= 0	touch-screen COUNT= 0
stumbling-block COUNT= 0	swell-shark COUNT= 0	touring-car COUNT= 0
stumbling-stone COUNT= 0	swimming-pond COUNT= 0	tracing_paper COUNT= 0
sucking-bottle sucking-pig COUNT= 1	swimming-pool COUNT= 0	try-pit COUNT= 0
sucking-pig COUNT= 0	swimsuit COUNT= 0	tuning-fork COUNT= 0
suck-bottle suck-egg suck-fish suck-thumb COUNT= 3	swingboat swingtree swing-bridge swing-door COUNT= 2	turncoat turn-bridge turn-screw turn-table COUNT= 3
suck-egg suck-fish suck-thumb COUNT= 2	swing-tree swing-bridge swing-door COUNT= 0	turnkey turn-bridge turn-screw turn-table COUNT= 3
suck-fish suck-thumb COUNT= 1	swing-bridge COUNT= 0	turnskin turn-bridge turn-screw turn-table COUNT= 3
suck-thumb COUNT= 0	teaching_hospital COUNT= 0	turn-bridge turn-penny turn-screw COUNT= 2
surfing-board COUNT= 0	tell-tale COUNT= 0	turn-penny turn-screw turn-table COUNT= 2
surf-board	thrashing-floor thrashing-machine COUNT= 1	turn-table COUNT= 2
	thrashing-machine	

turn-screw	walking-toad	washing-house
turn-table	COUNT= 5	washing-machine
COUNT= 1	walking-lady	washing-powder
	walking-part	washing-soda
turn-table	walking-shoe	COUNT= 4
COUNT= 0	walking-staff	
waiting-list	walking-stick	washing-house
COUNT= 0	walking-toad	washing-machine
waiting-room	COUNT= 5	washing-powder
COUNT= 0	walking-part	washing-soda
wait-list	walking-toad	COUNT= 3
COUNT= 0	COUNT= 1	
walking-boot	walking-shoe	washing-machine
walking-day	walking-toad	COUNT= 0
walking-fish	COUNT= 1	
walking-gentleman	walking-staff	washing-powder
walking-lady	walking-toad	COUNT= 0
walking-toad	COUNT= 1	
COUNT= 5	walking-stick	washing-soda
walking-cane	walking-toad	COUNT= 0
walking-day	COUNT= 1	
walking-fish	walking-toad	wash-ball
walking-gentleman	COUNT= 0	wash-basin
walking-lady	walking-toad	wash-bowl
walking-toad	COUNT= 1	wash-cloth
COUNT= 5	walking-toad	wash-day
walking-day	COUNT= 0	wash-house
walking-fish	wander-year	wash-maid
walking-gentleman	COUNT= 0	wash-man
walking-lady	warming-pan	wash-pool
walking-part	COUNT= 0	wash-pot
walking-shoe	washing-cream	wash-room
walking-staff	washing-board	wash-tub
walking-stick	washing-day	wash-woman
walking-toad	washing-house	COUNT= 12
COUNT= 8	COUNT= 3	
walking-fish	washing-blue	wash-basin
walking-gentleman	washing-board	wash-cloth
walking-lady	washing-day	wash-day
walking-part	washing-house	wash-maid
walking-shoe	COUNT= 3	wash-man
walking-staff	washing-machine	wash-woman
walking-stick	washing-powder	COUNT= 5
COUNT= 6	washing-soda	
walking-gentleman	COUNT= 5	wash-cloth
walking-part	washing-day	wash-day
walking-shoe	washing-house	wash-house
walking-staff	washing-machine	wash-maid
walking-stick	washing-powder	wash-man

wash-pool	watchman	wishing-gate
wash-pot	watch-dog	COUNT= 0
wash-room	watch-tower	
wash-tub	COUNT= 2	
wash-woman		wishing-stone
COUNT= 9		COUNT= 0
wash-day	watch-dog	wishing-tree
wash-house	watch-tower	COUNT= 0
wash-maid		
wash-man	COUNT= 0	wishing-well
wash-pool		COUNT= 0
wash-pot	watering-can	wish-bone
wash-room	watering-place	COUNT= 0
wash-tub	watering-pool	
wash-woman	COUNT= 2	
COUNT= 8		
		workbag
wash-house	watering-cart	workbench
wash-maid	watering-place	workhorse
wash-man	watering-pool	workman
wash-woman	COUNT= 2	workroom
COUNT= 3		workshop
		work-day
wash-maid	watering-place	work-fellow
wash-pool	watering-pot	work-mate
wash-pot	COUNT= 1	work-people
wash-room	watering-pool	work-table
wash-tub	watering-pot	work-woman
COUNT= 4	COUNT= 1	COUNT= 11
wash-man	watering-pot	workbasket
wash-pool	COUNT= 0	workbench
wash-pot	weeping-birch	workhorse
wash-room	COUNT= 0	workman
wash-tub		workroom
COUNT= 4		workshop
		work-day
wash-pool	weeping-clm	work-fellow
wash-woman	COUNT= 0	work-mate
COUNT= 1		work-people
		work-table
wash-pot	weeping-tree	work-woman
wash-woman	COUNT= 0	COUNT= 11
COUNT= 1		
wash-room	weeping-willow	workbench
wash-woman	COUNT= 0	workbox
COUNT= 1		workhorse
		workman
wash-tub	weighing-machine	work-day
wash-woman	COUNT= 0	work-fellow
COUNT= 1		work-mate
		work-people
wash-tub	whetstone	work-woman
wash-woman	COUNT= 0	COUNT= 8
COUNT= 1		
wash-woman	wishing-bone	workbox
COUNT= 0	COUNT= 0	workhorse
		workman

workroom	work-table	work-table
workshop	COUNT= 6	work-woman
work-day		COUNT= 1
work-fellow		
work-mate		
work-people		
work-table		
work-woman		wrapping-paper
COUNT= 10	COUNT= 5	COUNT= 0
workhorse	workshop	wringing-machine
workman	work-day	COUNT= 0
workroom	work-fellow	
workshop	work-mate	
work-day	work-people	
work-fellow	work-woman	
work-mate	COUNT= 5	COUNT= 2
work-people		
work-table		
work-woman		
COUNT= 9		
working-class	work-day	writing-book
working-day	work-fellow	writing-ink
COUNT= 1	work-mate	writing-master
	work-people	COUNT= 2
	work-table	
	work-woman	
	COUNT= 5	
working-day	work-fellow	writing-desk
working-man	work-people	writing-ink
working-woman	work-table	writing-master
COUNT= 2	work-woman	COUNT= 2
	COUNT= 3	
working-man	work-fellow	writing-ink
COUNT= 0	work-people	writing-paper
	work-table	writing-table
	work-woman	COUNT= 2
	COUNT= 3	
working-woman	work-mate	writing-master
COUNT= 0	work-people	writing-paper
	work-table	writing-table
	work-woman	COUNT= 2
	COUNT= 1	
workman	work-mate	writing-paper
workroom	work-people	COUNT= 0
workshop	work-table	
work-day	COUNT= 1	
work-fellow		writing-table
work-mate		COUNT= 0

#### 2.6.2.1.3 Lista minimalnih parova (Zadatak 2 - izlazni podaci)

air_freshener	air-cooling	ale-taster
COUNT= 0	COUNT= 0	COUNT= 0
air-condenser	air-drop	ale-tasting
COUNT= 0	COUNT= 0	COUNT= 0
air-condensing	air-flow	animal-lover
COUNT= 0	COUNT= 0	COUNT= 0
air-cooler	air-regulator	animal-loving
COUNT= 0	COUNT= 0	COUNT= 0

ant_killer	back-stretch	toad-eater
cane-killer	COUNT= 0	COUNT= 7
joy-killer		
king-killer		
lady-killer		
time-killer		
COUNT= 5		
apple-grower	barkeep	bellyache
COUNT= 0	COUNT= 0	COUNT= 0
apple-growing	bartender	belly_dancer
COUNT= 0	COUNT= 0	ice-dancer
	bar-keeper	rope-dancer
	time-keeper	wire-dancer
	COUNT= 1	COUNT= 3
arrow-maker	bed-maker	belly-landing
coffee_maker	coffee_maker	COUNT= 0
holidaymaker	holidaymaker	
image-maker	image-maker	
law-maker	law-maker	
match-maker	match-maker	bell-pull
mischief-maker	mischief-maker	leg-pull
money-maker	money-maker	COUNT= 1
money-maker	money-maker	
peacemaker	peacemaker	bell-pusher
rain-maker	rain-maker	COUNT= 0
sandwich_maker	sandwich_maker	bell-pushing
trouble-maker	trouble-maker	COUNT= 0
wax-maker	wax-maker	berry-picker
way-maker	way-maker	cotton-picker
COUNT= 14	COUNT= 14	ear-picker
axe-grinder	bed-warmer	hop-picker
knife-grinder	COUNT= 0	tooth-picker
scissor-grinder	beekeeper	wool-picker
COUNT= 2	time-keeper	COUNT= 5
babyminder	COUNT= 1	
COUNT= 0		berry-picking
baby-sitter	beekeeping	COUNT= 0
COUNT= 0	COUNT= 0	
baby-walker	beer_brewer	bicycle-rider
fire-walker	COUNT= 0	COUNT= 0
night-walker	beer_brewing	bicycle-riding
rope-walker	COUNT= 0	COUNT= 0
shop-walker	beer_drinker	bird_trainer
space_walker	COUNT= 0	COUNT= 0
street-walker	bee-eater	
wire-walker	dirt-eater	
COUNT= 7	fire-eater	
backache	fish-eater	
COUNT= 0	frog-eater	
back-scratcher	lotus-eater	
COUNT= 0	man-eater	

oyster-catcher	diamond-breaker	
spider-catcher	housebreaker	bootlicker
COUNT= 7	ice-breaker	COUNT= 0
	nut_breaker	
bird-lover	prison-breaker	bootlicking
COUNT= 0	safebreaker	COUNT= 0
	shell-breaker	
bird-watcher	ship-breaker	bootmaker
clock-watcher	shop-breaker	coffee_maker
fire-watcher	stone-breaker	holidaymaker
night-watcher	sword-breaker	image-maker
weight_watcher	COUNT= 12	law-maker
COUNT= 4		match-maker
	bone-setter	mischief-maker
bloodshed	COUNT= 0	money-maker
COUNT= 0	bone-setting	money-maker
	sun-setting	peacemaker
blood_poisoning	COUNT= 1	rain-maker
lead-poisoning		sandwich_maker
COUNT= 1		trouble-maker
	bone-shaker	wax-maker
blood-giver	cocktail-shaker	way-maker
COUNT= 0	hand-shaker	COUNT= 14
	saltshaker	
blood-giving	COUNT= 3	bootmaking
COUNT= 0		COUNT= 0
	bookbinder	boot-scraper
blood-sucker	COUNT= 0	doorscraper
COUNT= 0	bookbinding	sky-scraper
		COUNT= 2
boat_builder	bookseller	border-crosser
castle-builder	COUNT= 0	COUNT= 0
empire-builder	book-bindery	bottle_holder
COUNT= 2	COUNT= 0	card_holder
	book-collecting	householder
boat_building	COUNT= 0	inn_holder
COUNT= 0	book-collector	land-holder
		ship-holder
boat_owning	COUNT= 0	slave-holder
COUNT= 0	book-keeper	titieholder
	time-keeper	COUNT= 7
boat-owner	COUNT= 1	bottle-washer
COUNT= 0	book-keeping	bottle-washer
	COUNT= 0	dish-washer
body-building	bootblack	gold-washer
COUNT= 0	COUNT= 0	window-washer
		wool-washer
body-lifter	bootlick	COUNT= 5
shop-lifter	salt-lick	bottle-washer
COUNT= 1	COUNT= 1	dish-washer
		gas-washer
body-snatcher		COUNT= 2
toad-snatcher		
COUNT= 1		
bone-breaker		
circuit-breaker		

box-keeper	wax-maker	money-maker
time-keeper	way-maker	peacemaker
COUNT= 1	COUNT= 14	rain-maker
		sandwich_maker
brain-twister	brickmaking	trouble-maker
COUNT= 0	COUNT= 0	wax-maker
		way-maker
breadwinner	brick_pointer	COUNT= 14
prize-winner	COUNT= 0	
COUNT= 1		buffalo-hunter
	brick_pointing	fortune-hunter
bread_maker	COUNT= 0	place-hunter
coffee_maker		treasure-hunter
holidaymaker	brick-burner	tuft-hunter
image-maker	COUNT= 0	COUNT= 4
law-maker	brick-setter	
match-maker	COUNT= 0	buffalo-hunting
mischief-maker		COUNT= 0
money-maker	bridge-keeper	bullfight
money-maker	time-keeper	cock-fight
peacemaker	COUNT= 1	pillow-fight
rain-maker	bridge-keeping	prize-fight
sandwich_maker	COUNT= 0	sea-fight
trouble-maker		shadow-fight
wax-maker	bridge-tender	COUNT= 5
way-maker	COUNT= 0	
COUNT= 14		bullfighter
	bridge-tending	bush-fighter
bread_seller	COUNT= 0	prize-fighter
COUNT= 0		prize-fighter
bribe-giver	broom-maker	COUNT= 3
COUNT= 0	coffee_maker	
	holidaymaker	bullfighting
bribe-taker	image-maker	bush_fighting
money-taker	law-maker	cock-fighting
thief-taker	match-maker	prize-fighting
COUNT= 2	mischief-maker	COUNT= 3
	money-maker	
bricklayer	money-maker	bull-baiter
minelayer	peacemaker	COUNT= 0
COUNT= 1	rain-maker	
	sandwich_maker	bull-baiting
brickmaker	trouble-maker	COUNT= 0
coffee_maker	wax-maker	
holidaymaker	way-maker	bush_fighting
image-maker	COUNT= 14	cock-fighting
law-maker		prize-fighting
match-maker	brush-maker	COUNT= 2
mischief-maker	coffee_maker	
money-maker	holidaymaker	bush-fighter
money-maker	image-maker	fire-fighter
peacemaker	law-maker	prize-fighter
rain-maker	match-maker	prize-fighter
sandwich_maker	mischief-maker	COUNT= 3
trouble-maker	money-maker	
		bus-driver

screwdriver COUNT= 1	button_making COUNT= 0	lamp_lighter COUNT= 2
butter_maker coffee_maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 14	cabinetmaking cabinet-maker coffee_maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 14	candle-maker coffee_maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 14
butter_making COUNT= 0	cake_cooler COUNT= 0	candy_making COUNT= 0
butter-cooler COUNT= 0	cake_server COUNT= 0	cane-killer fly_killer insect_killer joy-killer king-killer lady-killer moth_killer pain-killer time-killer weed-killer COUNT= 9
butter-cutter diamond-cutter gem-cutter glass-cutter leaf-cutter letter-cutter mable-cutter plant-cutter stone-cutter type-cutter wheel-cutter wood-cutter COUNT= 11	candle_maker coffee_maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 14	cane-stripper COUNT= 0
button_maker coffee_maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 14	candle_making COUNT= 0	canoe-maker coffee_maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker candle-lighter candle-lighter
	candle_stand handstand headstand shoulder_stand COUNT= 3	

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way-maker COUNT= 14	chimney-sweeper street-sweeper COUNT= 2	COUNT= 0
canoe-making COUNT= 0	car_maker coffee_maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 14	cereal-maker coffee_maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 14
canvas-making COUNT= 0	car_making COUNT= 0	cereal-making COUNT= 0
can_opener COUNT= 0	car-owner COUNT= 0	chain_maker coffee_maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 14
cardpunch COUNT= 0	car-owning COUNT= 0	chain_making COUNT= 0
card_holder cigarette-holder moisture-holder music-holder onion_holder pen-holder plate-holder rush-holder ship-holder COUNT= 8	cash-keeper time-keeper COUNT= 1	chair_maker coffee_maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 14
card_player chess-player stage-player COUNT= 2	cash-keeping COUNT= 0	chain_making COUNT= 0
carpet_cleaner house-cleaner street-cleaner vacuum-cleaner window-cleaner wool-cleaner COUNT= 5	cassette_recorder COUNT= 0	castle_building COUNT= 0
carpet-sweeper	cave-diver pearl-diver COUNT= 1	castle-builder coachbuilder house-builder shipbuilder COUNT= 3
	cave-dweller	cave-diver pearl-diver COUNT= 1
		chair_maker coffee_maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker

COUNT= 14	cheese-slicer	inn_holder
chair_making	COUNT= 0	land-holder
COUNT= 0	cherry-chopper	ship-holder
chair_mender	cotton-chopper	slave-holder
COUNT= 0	COUNT= 1	titleholder
chair_mending	cherry-sucker	COUNT= 6
COUNT= 0	COUNT= 0	cigarette-lighter
chair-warmer	chess-player	lamp_lighter
COUNT= 0	piano-player	COUNT= 1
chapelgoer	stage-player	cigar_maker
COUNT= 0	swordplayer	coffee_maker
cheese_cutter	violin-player	holidaymaker
diamond-cutter	COUNT= 4	image-maker
gem-cutter	chess-playing	law-maker
glass-cutter	piano-playing	match-maker
leaf-cutter	stage-playing	mischief-maker
letter-cutter	COUNT= 2	money-maker
mable-cutter	chimney-sweep	money-maker
plant-cutter	COUNT= 0	peacemaker
stone-cutter	chimney-sweeper	rain-maker
type-cutter	minesweeper	sandwich_maker
wheel-cutter	COUNT= 1	trouble-maker
wood-cutter	chocolate-maker	wax-maker
COUNT= 11	coffee_maker	way-maker
cheese_maker	holidaymaker	COUNT= 14
coffee_maker	image-maker	cigar_making
holidaymaker	law-maker	COUNT= 0
image-maker	match-maker	circuit-breaker
law-maker	mischief-maker	diamond-breaker
match-maker	money-maker	faith-breaker
mischief-maker	money-maker	heartbreaker
money-maker	peacemaker	housebreaker
money-maker	rain-maker	image-breaker
peacemaker	sandwich_maker	law-breaker
rain-maker	trouble-maker	peace-breaker
sandwich_maker	wax-maker	prison-breaker
trouble-maker	way-maker	safebreaker
wax-maker	COUNT= 14	ship-breaker
way-maker	chocolate-making	shop-breaker
COUNT= 14	COUNT= 0	stone-breaker
cheese_making	church-goer	COUNT= 12
COUNT= 0	COUNT= 0	class_work
cheese_taster	church-going	day_work
COUNT= 0	COUNT= 0	glass_work
cheese_trier	cigarette-holder	hand-work
COUNT= 0	householder	night-work
		COUNT= 4
		clay-modeler
		COUNT= 0
		clay-modeling

COUNT= 0	cloud-drift	cocktail-shaker
clock_keeper	river-drift	hand-shaker
time-keeper	COUNT= 1	COUNT= 1
COUNT= 1	coachbuilder	cock-crow
clock_keeping	empire-builder	COUNT= 0
COUNT= 0	COUNT= 1	cock-crowing
clock-watcher	coach_building	COUNT= 0
night-watcher	COUNT= 0	cock-fight
COUNT= 1	coach_maker	pillow-fight
clock-watching	coffee_maker	prize-fight
night-watching	holidaymaker	sea-fight
COUNT= 1	image-maker	shadow-fight
clog_maker	law-maker	COUNT= 4
coffee_maker	match-maker	cock-fighting
holidaymaker	mischief-maker	prize-fighting
image-maker	money-maker	COUNT= 1
law-maker	money-maker	coffee_maker
match-maker	peacemaker	coffin_maker
mischief-maker	rain-maker	cradle_maker
money-maker	sandwich_maker	cream-maker
money-maker	trouble-maker	cross-maker
peacemaker	wax-maker	die_maker
rain-maker	way-maker	doll_maker
sandwich_maker	COUNT= 14	dress-maker
trouble-maker	coach_making	felt_maker
wax-maker	COUNT= 0	film_maker
way-maker	coal-burner	flymaker
COUNT= 14	COUNT= 0	furniture-maker
clog_making	coal-burning	glove-maker
COUNT= 0	COUNT= 0	gum_maker
cloth-maker	coal-consumer	gunmaker
coffee_maker	COUNT= 0	harness-maker
holidaymaker	coal-consuming	hat_maker
image-maker	COUNT= 0	hay-maker
law-maker	coal-digger	heel-maker
match-maker	grave-digger	holidaymaker
mischief-maker	COUNT= 1	hook_maker
money-maker	coal-digging	image-maker
money-maker	COUNT= 0	lace_maker
peacemaker	coal-owner	law-maker
rain-maker	COUNT= 0	match-maker
sandwich_maker	coat_hanger	mischief-maker
trouble-maker	paper-hanger	model_maker
wax-maker	COUNT= 1	money-maker
way-maker	posture-maker	net_maker
COUNT= 14	posture-maker	paper-maker
cloudburst	posture-maker	parchment-maker
COUNT= 0	posture-maker	pattern-maker
	posture-maker	peacemaker
	posture-maker	picture_maker
	posture-maker	posture-maker

pottery-maker	wax-maker	cotton-picker
rain-maker	way-maker	ear-picker
road-maker	COUNT= 13	hop-picker
rope-maker		tooth-picker
sandwich_maker	coffin_making	wool-picker
scythe-maker	COUNT= 0	COUNT= 4
shoemaker		
soap-maker	concertgoer	
stay-maker	COUNT= 0	cow-keeper
tool_maker		time-keeper
trouble-maker	corner-kick	COUNT= 1
trunk-maker	COUNT= 0	
verse_maker		cow-keeping
violin-maker	corn_cutter	COUNT= 0
watchmaker	diamond-cutter	
wax-maker	gem-cutter	cow-milker
way-maker	glass-cutter	COUNT= 0
COUNT= 52	leaf-cutter	
	letter-cutter	crab-catcher
coffee_whitener	mable-cutter	dog-catcher
COUNT= 0	plant-cutter	eel-catcher
coffee-drinker	stone-cutter	fly-catcher
COUNT= 0	type-cutter	fly-catcher
coffee-drinking	wheel-cutter	rat-catcher
COUNT= 0	wood-cutter	thief-catcher
	COUNT= 11	COUNT= 6
coffee-grinder	corn-crusher	
knife-grinder	COUNT= 0	crab-eater
scissor-grinder	corn-grower	dirt-eater
COUNT= 2	COUNT= 0	fire-eater
coffee-grower	corn-growing	fish-eater
COUNT= 0	COUNT= 0	frog-eater
coffee-growing	costume_designer	lotus-eater
COUNT= 0	COUNT= 0	man-eater
coffee-producer	cotton_stainer	toad-eater
COUNT= 0	paper-stainer	COUNT= 7
coffee-producing	COUNT= 1	
COUNT= 0	cotton-chopper	cradle_maker
coffin_maker	COUNT= 0	holidaymaker
holidaymaker	cotton-opener	image-maker
image-maker	COUNT= 0	law-maker
law-maker	cotton-picker	match-maker
match-maker	cotton-picker	mischief-maker
mischief-maker	ear-picker	money-maker
money-maker	fig-picker	money-maker
money-maker	hop-picker	peacemaker
peacemaker	potato_picker	rain-maker
rain-maker	tooth-picker	sandwich_maker
sandwich_maker	COUNT= 6	trouble-maker
trouble-maker		
		wax-maker
		way-maker
		COUNT= 13
		cradle_making
		COUNT= 0
		cream-maker

holidaymaker	COUNT= 0	plant-cutter
image-maker		COUNT= 5
law-maker	daydreamer	
match-maker	COUNT= 0	diamond-cutting
mischief-maker		COUNT= 0
money-maker	daypeep	
money-maker	COUNT= 0	die_maker
peacemaker		holidaymaker
rain-maker	day_work	image-maker
sandwich_maker	farm_work	law-maker
trouble-maker	field-work	match-maker
wax-maker	glass_work	mischief-maker
way-maker	hand-work	money-maker
COUNT= 13	homework	money-maker
	housework	peacemaker
cream-making	COUNT= 6	rain-maker
COUNT= 0		sandwich_maker
cross-bearer	day_worker	trouble-maker
flame-bearer	hand-worker	wax-maker
lantern-bearer	COUNT= 1	way-maker
sword-bearer	dear-stealer	COUNT= 13
talebearer	COUNT= 0	die_making
torch-bearer	devil-worshipper	COUNT= 0
COUNT= 5	COUNT= 0	dirt-eater
		fire-eater
cross-maker	devil-worshipping	honey-eater
holidaymaker	COUNT= 0	seed-eater
image-maker		stone-eater
law-maker	dew_fall	worm-eater
match-maker	windfall	COUNT= 5
mischief-maker	COUNT= 1	dirt-eating
money-maker		COUNT= 0
money-maker	diamond-breaker	dish-cover
peacemaker	faith-breaker	COUNT= 0
rain-maker	heartbreaker	dish-washer
sandwich_maker	housebreaker	dish-washer
trouble-maker	ice-breaker	gold-washer
wax-maker	image-breaker	window-washer
way-maker	law-breaker	wool-washer
COUNT= 13	nut_breaker	COUNT= 4
	peace-breaker	
cross-making	prison-breaker	
COUNT= 0	safebreaker	
	shell-breaker	
cruet-stand	ship-breaker	
handstand	shop-breaker	
headstand	stone-breaker	
shoulder_stand	sword-breaker	
COUNT= 3	COUNT= 15	
daybreak	diamond-cutter	dog_show
jailbreak	heel-cutter	COUNT= 0
wind-break	leaf-cutter	
COUNT= 2	paper-cutter	
	paste-cutter	
daydream		dog-catcher
		fly-catcher
		fly-catcher
		fly-catcher

gnat-catcher oyster-catcher spider-catcher COUNT= 6	drumbeat heart_beat COUNT= 1	egg-gathering COUNT= 0
dog-catching COUNT= 0	duck-hunting COUNT= 0	egg-sucker COUNT= 0
doll_maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 13	earthquake COUNT= 0	empire-builder house-builder shipbuilder COUNT= 2
	earth-shaking COUNT= 0	empire-building COUNT= 0
	earth-shine shoeshine shoeshine COUNT= 2	engine-driver screwdriver COUNT= 1
	ear_piercing COUNT= 0	evil-doer COUNT= 0
doorscraper road-scraper sky-scraper COUNT= 2	ear-ache COUNT= 0	evil-doing COUNT= 0
doorstop COUNT= 0	ear-pick COUNT= 0	eyeliner COUNT= 0
doorstopper COUNT= 0	ear-picker fig-picker hop-picker hop-picker potato_picker wool-picker COUNT= 5	eye-opener COUNT= 0
door-keeper time-keeper COUNT= 1	doorstopper COUNT= 0	eye-wash gold-wash rain-wash COUNT= 2
dress-maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 13	doorstopper COUNT= 0	face_reading COUNT= 0
dress-making COUNT= 0	doorstopper COUNT= 0	face-ache COUNT= 0
	doorstopper COUNT= 0	faith-breaker housebreaker ice-breaker nut_breaker prison-breaker safebreaker shell-breaker ship-breaker shop-breaker stone-breaker sword-breaker COUNT= 10
	doorstopper COUNT= 0	farm_work glass_work

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hand-work	hop-picker	COUNT= 0
night-work	tooth-picker	
COUNT= 3	wool-picker	
	COUNT= 3	
fashion-follower		
COUNT= 0	fig-picking	
	COUNT= 0	
fashion-setter		
COUNT= 0	film_maker	
	holidaymaker	
	image-maker	
	law-maker	
	match-maker	
	mischief-maker	
	money-maker	
	money-maker	
	peacemaker	
	rain-maker	
	sandwich_maker	
	trouble-maker	
	wax-maker	
	way-maker	
	COUNT= 13	
fault-finder		
gold-finder		
key-finder		
position-finder		
water-finder		
witch-finder		
COUNT= 5		
fault-finding		
COUNT= 0		
fault-reader		
fiche_reader		
map-reader		
COUNT= 2		
felt_maker		
holidaymaker		
image-maker		
law-maker		
match-maker		
mischief-maker		
money-maker		
money-maker		
peacemaker		
rain-maker		
sandwich_maker		
trouble-maker		
wax-maker		
way-maker		
COUNT= 13		
felt_making		
COUNT= 0		
fiche_reader		
map-reader		
mind_reader		
COUNT= 2		
field-work		
glass_work		
hand-work		
night-work		
COUNT= 3		
fig-picker		
	fire-fighter	
	prize-fighter	
	prize-fighter	
	COUNT= 2	
	fire-raiser	
	fire-extinguisher	
	COUNT= 0	
	fire-fighter	
	prize-fighter	
	prize-fighter	
	COUNT= 2	
	fire-raiser	
	fire-walker	
	night-walk	
	sheepwalk	
	COUNT= 2	
	fire-walker	
	night-walker	
	rope-walker	
	shop-walker	
	wire-walker	
	COUNT= 4	
	fire-walking	
	night-walking	
	COUNT= 1	
	fire-watcher	
	night-watcher	
	COUNT= 1	
	fire-watching	
	night-watching	
	COUNT= 1	
	fire-worship	
	COUNT= 0	
	fire-worshipper	
	COUNT= 0	
	fish-eater	
	honey-eater	
	seed-eater	
	stone-eater	
	worm-eater	
	COUNT= 4	
	fish-strainer	
	COUNT= 0	
	flame-bearer	
	sword-bearer	
	talebearer	
	torch-bearer	
	COUNT= 3	
	flesh-quake	
	COUNT= 0	
	flesh-taster	
	COUNT= 0	
	flower-grower	
	COUNT= 0	

flower-growing COUNT= 0	COUNT= 2	honey-eater seed-eater stone-eater worm-eater COUNT= 4
flower-lover COUNT= 0	fly-fisher seal-fisher sea-fisher sponge-fisher COUNT= 3	fruit_grower COUNT= 0
flower-show COUNT= 0	fly-fishing seal-fishing sea-fishing sponge-fishing COUNT= 3	fruit_growing COUNT= 0
flymaker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 13	foot_washing gold-washing paper-washing COUNT= 2	fund-raiser COUNT= 0
flyswatter COUNT= 0	foot-licker COUNT= 0	fund-raising COUNT= 0
fly_killer joy-killer king-killer lady-killer time-killer COUNT= 4	fortune-hunter fox-hunter head-hunter COUNT= 2	furniture-maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 13
fly-catcher fly-catcher fly-catcher gnat-catcher oyster-catcher rat-catcher spider-catcher thief-catcher COUNT= 7	fox-chase COUNT= 0	furniture-making COUNT= 0
fly-catcher fly-catcher gnat-catcher oyster-catcher rat-catcher spider-catcher thief-catcher COUNT= 6	fox-hunt COUNT= 0	gag-writer ink-writer letter-writer type-writer COUNT= 3
fly-catcher rat-catcher thief-catcher	fox-hunter place-hunter treasure-hunter tuff-hunter COUNT= 3	game-keeper time-keeper COUNT= 1
	fox-hunting COUNT= 0	gas-detector COUNT= 0
	freedom-lover COUNT= 0	gas-fitter COUNT= 0
	freedom-loving COUNT= 0	gas-heater space-heater COUNT= 1
	frog-eater	

gas-indicator COUNT= 0	word-painting COUNT= 2	gold-washing paper-washing window-washing COUNT= 3
gas-regulator COUNT= 0	glove-maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 13	gold-washing paper-washing COUNT= 1
gas-washer gold-washer window-washer wool-washer COUNT= 3	gate-keeper time-keeper COUNT= 1	good-doer COUNT= 0
gate-tender COUNT= 0	gate-tending COUNT= 0	grasshopper COUNT= 0
gate-tending COUNT= 0	glove-making COUNT= 0	grave-digger grave-digger COUNT= 1
gem-cutter heel-cutter leaf-cutter paper-cutter paste-cutter plant-cutter COUNT= 5	gnat-catcher rat-catcher thief-catcher COUNT= 2	green-keeper time-keeper COUNT= 1
gem-cutting COUNT= 0	goalkeeper time-keeper COUNT= 1	gum_maker holidaymaker image-maker law-maker match-maker mischief-maker money-maker money-maker
glass_work hand-work homework housework night-work COUNT= 4	goaltender COUNT= 0	money-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 13
glass-blower COUNT= 0	goaltending COUNT= 0	gum_making COUNT= 0
glass-cutter heel-cutter leaf-cutter paper-cutter paste-cutter plant-cutter COUNT= 5	gold-beater COUNT= 0	gum-chewer COUNT= 0
glass-painter word-painter COUNT= 1	gold-finder key-finder path-finder position-finder COUNT= 3	gum-chewing COUNT= 0
glass-painting wax-painting	gold-wash mouthwash rain-wash sheep-wash toothwash COUNT= 4	gunmaker holidaymaker image-maker law-maker match-maker mischief-maker gold-washer COUNT= 0
	gold-washing	

money-maker	COUNT= 0	hat_stand
money-maker		headstand
peacemaker	hand-shaker	shoulder_stand
rain-maker	saltshaker	COUNT= 2
sandwich_maker	COUNT= 1	
trouble-maker		hay-grower
wax-maker	hand-work	COUNT= 0
way-maker	homework	
COUNT= 13	housework	hay-growing
	night-work	COUNT= 0
haircut	COUNT= 3	
		hay-maker
COUNT= 0	hand-worker	holidaymaker
hairdresser	night-worker	image-maker
COUNT= 0	COUNT= 1	law-maker
		match-maker
hairdressing	hand-working	mischief-maker
COUNT= 0	COUNT= 0	money-maker
hairgrip	harness-maker	money-maker
COUNT= 0	holidaymaker	peacemaker
hair_drier	image-maker	rain-maker
COUNT= 0	law-maker	sandwich_maker
hair-cutting	match-maker	trouble-maker
COUNT= 0	mischief-maker	wax-maker
hair-restorer	money-maker	way-maker
COUNT= 0	money-maker	COUNT= 13
hair-splitter	peacemaker	
COUNT= 0	rain-maker	hay-making
hair-splitting	sandwich_maker	COUNT= 0
COUNT= 0	trouble-maker	
hair-thickener	wax-maker	headache
COUNT= 0	way-maker	COUNT= 0
handshake	COUNT= 13	headshake
COUNT= 0	harness-making	COUNT= 0
handstand	COUNT= 0	headshrinker
hat_stand	hat_maker	COUNT= 0
ink_stand	holidaymaker	headstand
COUNT= 2	image-maker	ink_stand
	law-maker	COUNT= 1
handwriting	match-maker	
sky-writing	mischief-maker	head-hunt
type-writing	money-maker	COUNT= 0
COUNT= 2	money-maker	
	peacemaker	head-hunter
hand_clap	rain-maker	place-hunter
COUNT= 0	sandwich_maker	treasure-hunter
	trouble-maker	tuft-hunter
hand_clasp	wax-maker	COUNT= 3
	way-maker	
	COUNT= 13	head-hunting
	hat_making	COUNT= 0
	COUNT= 0	heartache
		COUNT= 0

heartbreaker	heel-trimmer	COUNT= 3
housebreaker	COUNT= 0	honey-guide
ice-breaker	hen-run	COUNT= 0
nut_breaker	COUNT= 0	hook_maker
prison-breaker	holidaymaker	image-maker
safebreaker	hook_maker	law-maker
shell-breaker	lace_maker	match-maker
ship-breaker	model_maker	mischief-maker
shop-breaker	money-maker	money-maker
stone-breaker	net_maker	money-maker
sword-breaker	paper-maker	peacemaker
COUNT= 10	parchment-maker	rain-maker
heart_beat	pattern-maker	sandwich_maker
COUNT= 0	picture_maker	trouble-maker
heart-break	posture-maker	wax-maker
jailbreak	pottery-maker	way-maker
wind-break	road-maker	COUNT= 12
COUNT= 2	rope-maker	hook-climber
heart-quake	sandwich_maker	COUNT= 0
COUNT= 0	scythe-maker	hop-picker
hedge-trimmer	shoemaker	hop-picker
COUNT= 0	soap-maker	potato_picker
heel-cutter	stay-maker	tooth-picker
leaf-cutter	tool_maker	COUNT= 3
letter-cutter	trunk-maker	hop-picker
mable-cutter	verse_maker	tooth-picker
plant-cutter	violin-maker	wool-picker
stone-cutter	watchmaker	COUNT= 2
type-cutter	wax-maker	horse_keeper
wheel-cutter	homework	time-keeper
wood-cutter	night-work	COUNT= 1
COUNT= 8	home_comer	horse_keeping
heel-fastener	COUNT= 0	COUNT= 0
COUNT= 0	home-coming	horse-tamer
heel-maker	COUNT= 0	COUNT= 0
holidaymaker	home-seeker	horse-taming
image-maker	COUNT= 0	COUNT= 0
law-maker	home-seeking	housebreaker
match-maker	COUNT= 0	ice-breaker
mischief-maker	honeysucker	image-breaker
money-maker	COUNT= 0	law-breaker
money-maker	honey-eater	nut_breaker
peacemaker	lotus-eater	peace-breaker
rain-maker	man-eater	prison-breaker
sandwich_maker	toad-eater	shell-breaker
trouble-maker		ship-breaker
wax-maker		stone-breaker
way-maker		
COUNT= 13		

sword-breaker COUNT= 10	ice-breaker image-breaker law-breaker peace-breaker prison-breaker safebreaker ship-breaker shop-breaker stone-breaker COUNT= 3	lace_maker model_maker money-maker net_maker paper-maker parchment-maker pattern-maker picture_maker posture-maker pottery-maker road-maker rope-maker sandwich_maker scythe-maker shoemaker soap-maker stay-maker tool_maker trunk-maker verse_maker violin-maker watchmaker wax-maker COUNT= 23
householder moisture-holder music-holder onion_holder pen-holder plate-holder rush-holder ship-holder COUNT= 7	ice-dance sword-dance torch-dance COUNT= 2	ice-drift river-drift COUNT= 1
housekeeper time-keeper COUNT= 1	ice-dancer toe-dancer COUNT= 1	ice-fall windfall COUNT= 1
housekeeping COUNT= 0	ice-drift river-drift COUNT= 1	image-worshipper COUNT= 0
housework night-work COUNT= 1	ice-quake COUNT= 0	image-worshipping COUNT= 0
house-builder COUNT= 0	ice-skater COUNT= 0	inkshed COUNT= 0
house-building COUNT= 0	ice-skating COUNT= 0	ink_stand shoulder_stand COUNT= 1
house-cleaner vacuum-cleaner COUNT= 1	ill-doing COUNT= 0	ink-eraser COUNT= 0
house-cleaning spring-cleaning COUNT= 1	image-breaker nut_breaker prison-breaker safebreaker shell-breaker ship-breaker shop-breaker stone-breaker sword-breaker COUNT= 8	ink-writer letter-writer letter-writer news-writer novel-writer prose-writer script-writer COUNT= 6
house-owner COUNT= 0	image-breaking prison-breaking shopbreaking COUNT= 2	innkeeper time-keeper COUNT= 1
house-owning COUNT= 0	image-maker	inn_holder moisture-holder music-holder
house-warming COUNT= 0		
ice_fall windfall COUNT= 1		

onion_holder	lace_maker	
pen-holder	law-maker	land-owning
plate-holder	match-maker	COUNT= 0
rush-holder	mischief-maker	
ship-holder	money-maker	lantern-bearer
COUNT= 7	money-maker	sword-bearer
	peacemaker	talebearer
inn_holding	rain-maker	torch-bearer
COUNT= 0	sandwich_maker	COUNT= 3
	trouble-maker	
insect_killer	wax-maker	lantern-carrier
joy-killer	way-maker	letter-carrier
king-killer	COUNT= 11	troop_carrier
lady-killer		water-carrier
time-killer	lace_making	water-carrier
COUNT= 4	COUNT= 0	COUNT= 4
insect-feeder	lady-killer	lawn-edger
paper-feeder	moth_killer	COUNT= 0
COUNT= 1	pain-killer	
	weed-killer	lawn-mower
iron-founder	COUNT= 3	COUNT= 0
COUNT= 0		
jailbreak	lady-killing	lawn-sprinkler
wind-break	mercy_killing	COUNT= 0
COUNT= 1	COUNT= 1	
joy-killer	lamp_lighter	law-breaker
moth_killer	COUNT= 0	nut_breaker
pain-killer		prison-breaker
weed-killer	landslide	safebreaker
COUNT= 3	COUNT= 0	shell-breaker
		ship-breaker
kettle_clean	landslip	shop-breaker
COUNT= 0	COUNT= 0	stone-breaker
		sword-breaker
key-finder	land-grabber	COUNT= 8
path-finder	COUNT= 0	
water-finder		
witch-finder	land-grabbing	law-giver
COUNT= 3	COUNT= 0	COUNT= 0
king-killer	land-holder	law-maker
moth_killer	moisture-holder	model_maker
pain-killer	music-holder	money-maker
weed-killer	onion_holder	net_maker
COUNT= 3	pen-holder	paper-maker
	plate-holder	parchment-maker
	rush-holder	pattern-maker
	ship-holder	picture_maker
	COUNT= 7	posture-maker
		pottery-maker
knife-grinder	land-holding	road-maker
knife-grinder	COUNT= 0	rope-maker
scissor-grinder		sandwich_maker
COUNT= 2		scythe-maker
		shoemaker
knife-grinder	land-owner	soap-maker
COUNT= 0	COUNT= 0	stay-maker

tool_maker	script-writer	shoemaker
trunk-maker	type-writer	soap-maker
verse_maker	COUNT= 6	stay-maker
violin-maker		tool_maker
watchmaker		trunk-maker
wax-maker		verse_maker
COUNT= 22		violin-maker
		watchmaker
lead-poisoning		wax-maker
COUNT= 0		COUNT= 22
leaf-cutter	lorry_driver	match-making
letter-cutter	screwdriver	COUNT= 0
mable-cutter	COUNT= 1	
paper-cutter		melon-grower
paste-cutter		COUNT= 0
stone-cutter	lotus-eater	
type-cutter	seed-eater	melon-growing
wheel-cutter	stone-eater	COUNT= 0
wood-cutter	worm-eater	
COUNT= 8	COUNT= 3	mercy_killing
		time-killing
leaf-hopper	mable-cutter	COUNT= 1
COUNT= 0	paper-cutter	
	paste-cutter	metal_detector
leaf-roller	plant-cutter	COUNT= 0
COUNT= 0	COUNT= 3	
		metal_locator
leg_pulling	machine-minder	COUNT= 0
COUNT= 0	COUNT= 0	
leg-pull	manslayer	mind_reader
COUNT= 0	COUNT= 0	COUNT= 0
leg-puller	man-eater	mind_reading
wire-puller	seed-eater	COUNT= 0
COUNT= 1	stone-eater	
	worm-eater	mind-bending
lemon-squeezer	COUNT= 3	COUNT= 0
COUNT= 0		
letter-carrier	map-reader	mind-curer
troop_carrier	mind_reader	COUNT= 0
water-carrier	COUNT= 1	
COUNT= 2		mind-healer
		COUNT= 0
letter-cutter	match-maker	
paper-cutter	model_maker	mind-healing
paste-cutter	money-maker	COUNT= 0
plant-cutter	net_maker	
COUNT= 3	paper-maker	mind-reading
	parchment-maker	COUNT= 0
	pattern-maker	
	picture_maker	minelayer
	posture-maker	COUNT= 0
	pottery-maker	
	road-maker	minesweeper
	rope-maker	
	sandwich_maker	street-sweeper
	scythe-maker	COUNT= 1

mine_detector COUNT= 0	money-lender COUNT= 0	money-making COUNT= 0
mine-owner COUNT= 0	money-lending COUNT= 0	money-spinner tube-spinner COUNT= 1
mischief-maker	money-maker	money-taker COUNT= 0
model_maker	money-maker	
money-maker	net_maker	
net_maker	paper-maker	moonrise COUNT= 0
paper-maker	parchment-maker	
parchment-maker	pattern-maker	
pattern-maker	peacemaker	moonshine shoeshine shoeshine COUNT= 2
picture_maker	picture_maker	
posture-maker	posture-maker	
pottery-maker	pottery-maker	
road-maker	rain-maker	moon_walk night-walk sheepwalk COUNT= 2
rope-maker	road-maker	
sandwich_maker	rope-maker	
scythe-maker	scythe-maker	
shoemaker	shoemaker	
soap-maker	soap-maker	moth_killer time-killer COUNT= 1
stay-maker	stay-maker	
tool_maker	tool_maker	
trunk-maker	trouble-maker	
verse_maker	trunk-maker	music-holder ship-holder slave-holder titleholder COUNT= 3
violin-maker	verse_maker	
watchmaker	violin-maker	
wax-maker	watchmaker	
COUNT= 22	wax-maker	
model_maker	way-maker	music-lover COUNT= 0
money-maker	COUNT= 24	
money-maker	money-maker	
peacemaker	net_maker	
rain-maker	paper-maker	
sandwich_maker	parchment-maker	
trouble-maker	pattern-maker	
wax-maker	picture_maker	
way-maker	posture-maker	
COUNT= 8	pottery-maker	
model_making	road-maker	music-seller COUNT= 0
COUNT= 0	rope-maker	
moisture-holder	sandwich_maker	music-teacher COUNT= 0
ship-holder	scythe-maker	
slave-holder	shoemaker	
titleholder	soap-maker	
COUNT= 3	stay-maker	
moneychanger	tool_maker	
COUNT= 0	trunk-maker	
money-grubber	verse_maker	
COUNT= 0	violin-maker	
	watchmaker	
	wax-maker	
	COUNT= 20	net_making COUNT= 0

news-writer	nosebleed	paper-feeder
type-writer	COUNT= 0	seed-feeder
COUNT= 1		COUNT= 1
nightfall	novel-writer	paper-folder
windfall	type-writer	COUNT= 0
COUNT= 1	COUNT= 1	
night-singer	nutcracker	paper-hanger
COUNT= 0	nut-cracker	COUNT= 0
night-walk	shell_cracker	paper-mabler
sheepwalk	COUNT= 2	COUNT= 0
space_walk		
COUNT= 2		
night-walker	nut_pecker	paper-maker
rope-walker	COUNT= 0	peacemaker
shop-walker	nut_breaker	rain-maker
space_walker	peace-breaker	sandwich_maker
street-walker	prison-breaker	trouble-maker
wire-walker	safebreaker	wax-maker
COUNT= 5	ship-breaker	way-maker
	shop-breaker	COUNT= 6
	stone-breaker	
	COUNT= 6	
night-walking	nut_cracker	paper-making
street-walking	COUNT= 0	COUNT= 0
COUNT= 1		
night-wanderer	onion_holder	paper-stainer
COUNT= 0	ship-holder	COUNT= 0
night-wandering	slave-holder	paper-washing
COUNT= 0	titleholder	window-washing
night-warbling	COUNT= 3	COUNT= 1
COUNT= 0		
night-watch	ox-biter	parchment-maker
night-watch	COUNT= 0	peacemaker
COUNT= 1	oyster-catcher	rain-maker
	rat-catcher	sandwich_maker
	thief-catcher	trouble-maker
	COUNT= 2	wax-maker
		way-maker
		COUNT= 6
night-watch	pain-killer	park_keeper
COUNT= 0	time-killer	time-keeper
	COUNT= 1	COUNT= 1
night-watcher	paper-cutter	paste-cutter
weight_watcher	plant-cutter	plant-cutter
COUNT= 1	stone-cutter	stone-cutter
	type-cutter	type-cutter
	wheel-cutter	wheel-cutter
	wood-cutter	wood-cutter
	COUNT= 5	COUNT= 5
night-watching		
COUNT= 0		
night-work	paper-fastener	path-finder
COUNT= 0	COUNT= 0	position-finder
night-worker		water-finder
COUNT= 0		witch-finder

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COUNT= 3	COUNT= 0	
pattern-designer COUNT= 0	peace-offering COUNT= 0	picture-goer COUNT= 0
pattern-drawer COUNT= 0	peace-seeker COUNT= 0	picture-writing sky-writing type-writing COUNT= 2
pattern-maker peacemaker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 6	pearl-diver sky-diver COUNT= 1	pillow-fight prize-fight sea-fight shadow-fight shadow-fight COUNT= 4
peacemaker picture_maker posture-maker pottery-maker road-maker rope-maker sandwich_maker scythe-maker shoemaker soap-maker stay-maker tool_maker trunk-maker verse_maker violin-maker watchmaker wax-maker COUNT= 16	pencil_eraser COUNT= 0	pencil-sharpener COUNT= 0
peace_making COUNT= 0	penny_pincher COUNT= 0	place-hunter COUNT= 0
peace-breaker prison-breaker safebreaker shell-breaker ship-breaker shop-breaker stone-breaker sword-breaker COUNT= 7	penwiper COUNT= 0	plant-cutter stone-cutter type-cutter wheel-cutter wood-cutter COUNT= 4
peace-keeper time-keeper COUNT= 1	pen-holder ship-holder slave-holder titleholder COUNT= 3	plate-holder ship-holder slave-holder titleholder COUNT= 3
peace-lover COUNT= 0	phone_call roll-call trumpet-call COUNT= 2	pleasure-lover COUNT= 0
peace-loving	piano-player stage-player COUNT= 1	pleasure-seeker COUNT= 0
	piano-playing role-playing stage-playing COUNT= 2	port-stopper COUNT= 0
	picture_framing COUNT= 0	position-finder water-finder witch-finder COUNT= 2
	picture_maker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 5	posture-maker rain-maker sandwich_maker trouble-maker wax-maker way-maker COUNT= 5
	picture_making COUNT= 0	potato_picker tooth-picker wool-picker

COUNT= 2		COUNT= 0
pottery-maker	rain_burst	road-mending
rain-maker	COUNT= 0	COUNT= 0
sandwich_maker	rain-maker	road-runner
trouble-maker	road-maker	ski-runner
wax-maker	rope-maker	COUNT= 1
way-maker	sandwich_maker	
COUNT= 5	scythe-maker	
	shoemaker	road-scraper
prison-breaker	soap-maker	sky-scraper
safebreaker	stay-maker	COUNT= 1
shell-breaker	tool_maker	rock-breaker
ship-breaker	trunk-maker	COUNT= 0
shop-breaker	verse_maker	
stone-breaker	violin-maker	rock-climbing
sword-breaker	watchmaker	COUNT= 0
COUNT= 6	wax-maker	
	COUNT= 13	rock-drill
prison-breaking	rain-wash	COUNT= 0
shopbreaking	sheep-wash	rock-fall
stone-breaking	toothwash	windfall
COUNT= 2	COUNT= 2	COUNT= 1
prize-fight	rat-catcher	rock-hopper
sea-fight	spider-catcher	COUNT= 0
shadow-fight	COUNT= 1	
shadow-fight	rat-catching	role-playing
COUNT= 3	COUNT= 0	stage-playing
		COUNT= 1
prize-fighter	rat-hunting	roll-call
prize-fighter	COUNT= 0	trumpet-call
COUNT= 1		COUNT= 1
prize-fighter	rice-grower	root-climber
COUNT= 0	COUNT= 0	COUNT= 0
prize-fighting	rice-growing	rope-dancer
COUNT= 0	COUNT= 0	toe-dancer
prize-winner	river-drift	COUNT= 1
COUNT= 0	snow-drift	
profit_seeker	star-drift	rope-dancing
COUNT= 0	COUNT= 2	skirt_dancing
		COUNT= 1
prose-writer	road-maker	
type-writer	sandwich_maker	rope-maker
COUNT= 1	trouble-maker	sandwich_maker
	wax-maker	trouble-maker
purse-snatcher	way-maker	wax-maker
toad-snatcher	COUNT= 4	way-maker
COUNT= 1	road-making	COUNT= 4
	COUNT= 0	
rainfall	road-mender	rope-making
windfall		COUNT= 0
COUNT= 1		

rope-walker	word-painter	sponge-fishing
space_walker	COUNT= 1	COUNT= 1
street-walker	scene-painting	sea-poacher
COUNT= 2	wax-painting	COUNT= 0
rose-sprinkler	word-painting	sea-quake
COUNT= 0	COUNT= 2	COUNT= 0
rush-bearing	scene-shifter	sea-robbert
COUNT= 0	COUNT= 0	COUNT= 0
rush-holder	school_keeper	sea-rover
ship-holder	time-keeper	COUNT= 0
slave-holder	COUNT= 1	sea-roving
titleholder	scissor-grinder	COUNT= 0
COUNT= 3	COUNT= 0	seed-eater
safebreaker	screwdriver	toad-eater
shell-breaker	stage-driver	COUNT= 1
ship-breaker	taxi_driver	seed-feeder
stone-breaker	COUNT= 2	COUNT= 0
sword-breaker	script-writer	shadow-fight
COUNT= 4	type-writer	shadow-fight
safe-keeping	COUNT= 1	COUNT= 1
COUNT= 0	scythe-maker	shadow-fight
salad_spinner	trouble-maker	COUNT= 0
tube-spinner	wax-maker	sheepwalk
COUNT= 1	way-maker	space_walk
saltshaker	COUNT= 3	COUNT= 1
COUNT= 0	seal-fisher	sheep-biter
salt-lick	sea-fisher	COUNT= 0
COUNT= 0	COUNT= 1	sheep-keeper
sandwich_maker	seal-fishing	time-keeper
scythe-maker	sea-fishing	COUNT= 1
shoemaker	COUNT= 1	sheep-run
soap-maker	sea-bather	COUNT= 0
stay-maker	COUNT= 0	sheep-stealer
tool_maker	sea-bathing	COUNT= 0
trouble-maker	COUNT= 0	COUNT= 0
trunk-maker	sea-fight	sheep-stealing
verse_maker	shadow-fight	COUNT= 0
violin-maker	shadow-fight	sheep-wash
watchmaker	COUNT= 2	COUNT= 0
wax-maker	sea-fisher	shelf_filler
way-maker	sponge-fisher	COUNT= 0
COUNT= 12	COUNT= 1	COUNT= 0
sand-hopper	sea-fishing	
COUNT= 0		
scene-painter		

shell_cracker COUNT= 0	shopbreaking stone-breaking COUNT= 1	ski_jump COUNT= 0
shell-breaker ship-breaker shop-breaker stone-breaker COUNT= 3	shopkeeper time-keeper COUNT= 1	ski-jumping sky-jumping COUNT= 1
shipbuilder COUNT= 0	shopkeeping COUNT= 0	ski-runner COUNT= 0
shipbuilding COUNT= 0	shop-breaker stone-breaker sword-breaker COUNT= 2	ski-running COUNT= 0
ship-breaker shop-breaker sword-breaker COUNT= 2	shop-lifter weight-lifter COUNT= 1	sky_shine COUNT= 0
ship-holder slave-holder titleholder COUNT= 2	shop-lifting wight_lifting COUNT= 1	sky-diver COUNT= 0
ship-owner COUNT= 0	shop-walker space_walker street-walker COUNT= 2	sky-diving COUNT= 0
shoebblack COUNT= 0	shore-going COUNT= 0	sky-jumping COUNT= 0
shoemaker trouble-maker wax-maker way-maker COUNT= 3	shore-shooter troubleshooter COUNT= 1	sky-scraper COUNT= 0
shoemaking COUNT= 0	shore-shooting trouble-shooting COUNT= 1	sky-writing type-writing COUNT= 1
shoeshine shoeshine sky_shine starshine sunshine COUNT= 4	shoulder_stand COUNT= 0	slave-holder COUNT= 0
shoeshine sky_shine starshine sunshine COUNT= 3	silk-winder silk-winder COUNT= 1	slave-holding COUNT= 0
shoe-polish COUNT= 0	silk-winder COUNT= 0	slave-hunt COUNT= 0
	skirt_dancing wire-dancing COUNT= 1	slave-owner COUNT= 0
	ski_jump ski_jump COUNT= 1	slave-owning COUNT= 0
		slop-seller COUNT= 0
		snake-charmer COUNT= 0
		snow_slide COUNT= 0

snow_slip COUNT= 0	sponge-fishing COUNT= 0	stone-eater toad-eater COUNT= 1
snow-drift COUNT= 0	spring-cleaning street-cleaning COUNT= 1	story-teller COUNT= 0
snow-fall windfall COUNT= 1	stage-driver COUNT= 0	story-telling COUNT= 0
soap-boiler COUNT= 0	stage-player swordplayer violin-player COUNT= 2	street_beggar COUNT= 0
soap-boiling COUNT= 0	stage-playing COUNT= 0	street-cleaner vacuum-cleaner COUNT= 1
soap-maker trouble-maker wax-maker way-maker COUNT= 3	stamp-collecting COUNT= 0	street-cleaning COUNT= 0
soul-searching COUNT= 0	stamp-collector COUNT= 0	street-keeper time-keeper COUNT= 1
sound_mixer COUNT= 0	starshine COUNT= 0	street-sweeper COUNT= 0
space_walk COUNT= 0	star-drift COUNT= 0	street-walker wire-walker COUNT= 1
space_walker wire-walker COUNT= 1	star-gazer COUNT= 0	street-walking COUNT= 0
space-heater COUNT= 0	star-gazing COUNT= 0	style-setter COUNT= 0
space-heating COUNT= 0	stay-maker trouble-maker wax-maker way-maker COUNT= 3	style-setting sun-setting COUNT= 1
space-travelling COUNT= 0	stone-breaker sword-breaker COUNT= 1	sugar-baker COUNT= 0
space-treveller COUNT= 0	stone-breaking COUNT= 0	sugar-refiner COUNT= 0
spider-catcher thief-catcher COUNT= 1	stone-crusher COUNT= 0	sugar-refinery COUNT= 0
spine-chiller COUNT= 0	stone-cutter COUNT= 0	sugar-refining COUNT= 0
sponge-fisher COUNT= 0	stone-dresser COUNT= 0	sunburn COUNT= 0

sunrise COUNT= 0	COUNT= 0	zoo-keeper COUNT= 1
sunrising COUNT= 0	table-talk COUNT= 0	time-killer weed-killer COUNT= 1
sunset COUNT= 0	table-thumper COUNT= 0	time-killing COUNT= 0
sunshine COUNT= 0	talebearer COUNT= 0	time-switch COUNT= 0
sun-setting trend-setting type-setting COUNT= 2	talebearing COUNT= 0	tin-opener COUNT= 0
sun-worship COUNT= 0	tale-teller COUNT= 0	titleholder COUNT= 0
sun-worshipper COUNT= 0	tape_recorder COUNT= 0	toad-eater worm-eater COUNT= 1
surf-bather COUNT= 0	tax-collector COUNT= 0	toad-snatcher COUNT= 0
surf-bathing COUNT= 0	tearjerker COUNT= 0	tobacco-stopper COUNT= 0
surf-riding COUNT= 0	tea-drinker COUNT= 0	toe-dancer wire-dancer COUNT= 1
swine-keeping COUNT= 0	tea-taster COUNT= 0	tongue-twister COUNT= 0
swordplay COUNT= 0	tea-tasting COUNT= 0	tool_maker trouble-maker
swordplayer COUNT= 0	theatre-goer COUNT= 0	wax-maker way-maker COUNT= 3
sword-bearer COUNT= 0	thief-catcher COUNT= 0	toothache COUNT= 0
sword-breaker COUNT= 0	thief-taker COUNT= 0	toothpick COUNT= 0
sword-dance COUNT= 0	thunder_burst COUNT= 0	toothwash COUNT= 0
sword-swallower COUNT= 0	ticket-collector COUNT= 0	tooth-picker wool-picker COUNT= 1
table-cover COUNT= 0	ticket-punch COUNT= 0	torch-bearer COUNT= 0
table-spread	time-keeper	

torch-dance COUNT= 0	wax-maker way-maker COUNT= 2	wage-earner COUNT= 0
town-dweller COUNT= 0	tube-spinner COUNT= 0	wage-earning COUNT= 0
town-living COUNT= 0	tube-weaver COUNT= 0	wage-freeze COUNT= 0
town-planning COUNT= 0	tuft-hunter COUNT= 0	wall-painting wax-painting word-painting COUNT= 2
treasure-hunt COUNT= 0	tuft-hunting COUNT= 0	watchmaker wax-maker way-maker COUNT= 2
treasure-hunter COUNT= 0	type-cutter COUNT= 0	watchmaking COUNT= 0
tree-creeper COUNT= 0	type-setter COUNT= 0	waterfall windfall COUNT= 1
tree-hopper COUNT= 0	type-setting COUNT= 0	water-breather COUNT= 0
trend-setter COUNT= 0	type-writer COUNT= 0	water-breathing COUNT= 0
trend-setting COUNT= 0	type-writing COUNT= 0	vacuum-cleaner window-cleaner wool-cleaner COUNT= 2
troop_carrier water-carrier water-carrier COUNT= 2	verse_maker wax-maker way-maker COUNT= 2	water-carrier water-carrier COUNT= 1
troubleshooter COUNT= 0	verse_making COUNT= 0	water-carrier COUNT= 0
trouble-maker trunk-maker verse_maker violin-maker watchmaker wax-maker COUNT= 5	vine-dresser COUNT= 0	water-cooler COUNT= 0
trouble-shooting COUNT= 0	vine-fretter COUNT= 0	water-cooling COUNT= 0
trouser-stretcher COUNT= 0	violin-maker wax-maker way-maker COUNT= 2	water-drinker COUNT= 0
trumpet-call COUNT= 0	violin-player COUNT= 0	water-finder COUNT= 0
trunk-maker		water-flow COUNT= 0
		water-quake COUNT= 0

water-skiing COUNT= 0	window-washing COUNT= 0	wood-carving COUNT= 0
water-softener COUNT= 0	wind-break COUNT= 0	wood-cutter COUNT= 0
wax-maker way-maker COUNT= 1	wind-surfer COUNT= 0	wood-cutting COUNT= 0
wax-painting word-painting COUNT= 1	wine_tasting COUNT= 0	wool-cleaner COUNT= 0
way-maker COUNT= 0	wine-cooler COUNT= 0	wool-combing COUNT= 0
weed-killer COUNT= 0	wine-drinker COUNT= 0	wool-dresser COUNT= 0
weight_watcher COUNT= 0	wine-grower COUNT= 0	wool-gathering COUNT= 0
weight-lifter COUNT= 0	wine-growing COUNT= 0	wool-packer COUNT= 0
wheat-grower COUNT= 0	wine-taster COUNT= 0	wool-picker COUNT= 0
wheat-growing COUNT= 0	wire-dancer COUNT= 0	wool-sorter COUNT= 0
wheel-cutter COUNT= 0	wire-dancing COUNT= 0	wool-washer COUNT= 0
wight_lifting COUNT= 0	wire-drawer COUNT= 0	word-building COUNT= 0
windburn COUNT= 0	wire-puller COUNT= 0	word-painter COUNT= 0
windfall COUNT= 0	wire-walker COUNT= 0	word-painting COUNT= 0
window-cleaner COUNT= 0	witch-finder COUNT= 0	word-splitting COUNT= 0
window-dresser COUNT= 0	witch-hunt COUNT= 0	worm-eater COUNT= 0
window-dressing COUNT= 0	woodcut COUNT= 0	wrong-doer COUNT= 0
window-washer COUNT= 0	woodpecker COUNT= 0	wrong-doing COUNT= 0
	wood-carver COUNT= 0	zoo-keeper COUNT= 0

**2.6.2.1.4 Lista minimalnih parova (Zadatak 3 - izlazni podaci )**

air_freshener COUNT= 0	COUNT= 2  baby-sitter baby-walker COUNT= 1	bellyache COUNT= 0  belly_dancer COUNT= 0
air-condenser COUNT= 0	baby-walker COUNT= 0	belly-landing COUNT= 0
air-condensing COUNT= 0	backache back-stretch COUNT= 1	bell-pull COUNT= 0
air-cooler COUNT= 0	back-scratcher COUNT= 0	bell-pusher COUNT= 0
air-cooling COUNT= 0	back-stretch COUNT= 0	bell-pushing COUNT= 0
air-drop air-flow COUNT= 1	barkeep COUNT= 0	berry-picker COUNT= 0
air-flow COUNT= 0	bartender COUNT= 0	berry-picking COUNT= 0
air-regulator COUNT= 0	bar-keeper COUNT= 0	bicycle-rider COUNT= 0
ale-taster COUNT= 0	bed-maker bed-warmer COUNT= 1	bicycle-riding COUNT= 0
ale-tasting COUNT= 0	beekeeper bee-eater COUNT= 1	bird_trainer bird-lover bird-watcher COUNT= 2
animal-lover COUNT= 0	beekeeping COUNT= 0	bird-catcher bird-lover bird-watcher COUNT= 2
animal-loving COUNT= 0	beer_brewer beer_drinker COUNT= 1	bird-lover bird-watcher COUNT= 1
ant_killer COUNT= 0	beer_brewing COUNT= 0	bird-watcher COUNT= 0
apple-grower COUNT= 0	beer_drinker COUNT= 0	bloodshed COUNT= 0
apple-growing COUNT= 0	babyminder baby-sitter baby-walker COUNT= 0	blood_poisoning COUNT= 0
arrow-maker COUNT= 0	bee-eater COUNT= 0	
axe-grinder COUNT= 0		

blood-giver COUNT= 1	book-bindery COUNT= 0	COUNT= 0
blood-sucker COUNT= 0	book-collecting COUNT= 0	brain-twister COUNT= 0
blood-giving COUNT= 0	book-collector COUNT= 0	breadwinner bread_maker COUNT= 1
blood-sucker COUNT= 0	book-keeper COUNT= 0	bread_maker bread_seller COUNT= 1
boat_builder boat-owner COUNT= 1	book-keeping COUNT= 0	bread_seller COUNT= 0
boat_building boat-owning COUNT= 1	bootblack bootlick COUNT= 1	bribe-giver bribe-taker COUNT= 1
boat-owning COUNT= 0	bootlick COUNT= 0	bribe-taker COUNT= 0
boat-owner COUNT= 0	bootlicker bootmaker boot-scaper COUNT= 2	bricklayer brickmaker COUNT= 1
body-building COUNT= 0	bootlicking bootmaking COUNT= 1	brickmaker brick_pointer brick-burner brick-setter COUNT= 3
body-lifter COUNT= 0	bootmaker boot-scaper COUNT= 1	brickmaking brick_pointing COUNT= 1
body-snatcher COUNT= 0	bootmaking COUNT= 0	brick_pointer COUNT= 0
bone-breaker bone-setter bone-shaker COUNT= 2	boot-scaper COUNT= 0	brick_pointing COUNT= 0
bone-setter bone-shaker COUNT= 1	border-crosser COUNT= 0	brick-burner COUNT= 0
bone-setting COUNT= 0	bottle_holder bottle-washer COUNT= 1	brick-setter COUNT= 0
bone-shaker COUNT= 0	bottle-washer bottle-washer COUNT= 1	bridge-keeper COUNT= 0
bookbinder COUNT= 0	bottle-washer bottle-washer COUNT= 0	bridge-keeping COUNT= 0
bookbinding COUNT= 0	box-keeper	bridge-tender COUNT= 0
bookseller COUNT= 0		

bridge-tending COUNT= 0	COUNT= 0	can_opener COUNT= 0
broom-maker COUNT= 0	cabinetmaking COUNT= 0	cardpunch COUNT= 0
brush-maker COUNT= 0	cabinet-maker COUNT= 0	card_holder card_player COUNT= 1
buffalo-hunter COUNT= 0	cake_cooler cake_server COUNT= 1	card_player COUNT= 0
buffalo-hunting COUNT= 0	cake_server COUNT= 0	carpet_cleaner COUNT= 0
bullfight COUNT= 0	candle_maker candle-lighter candle-lighter COUNT= 2	carpet-sweeper COUNT= 0
bullfighter COUNT= 0	candle_making COUNT= 0	car_maker car-owner COUNT= 1
bullfighting COUNT= 0	candle_stand COUNT= 0	car_making car-owning COUNT= 1
bull-baiter COUNT= 0	candle-lighter candle-lighter COUNT= 1	car-owner COUNT= 0
bull-baiting COUNT= 0	candle-lighter COUNT= 0	car-owning COUNT= 0
bush_fighting COUNT= 0	candy_maker COUNT= 0	car-park COUNT= 0
bush-fighter COUNT= 0	candy_making COUNT= 0	cash-keeper COUNT= 0
bus-driver COUNT= 0	cane-killer cane-stripper COUNT= 1	cash-keeping COUNT= 0
butter_maker butter-cooler butter-cutter COUNT= 2	cane-stripper COUNT= 0	cassette_recorder COUNT= 0
butter_making COUNT= 0	canoe-maker COUNT= 0	castle_building COUNT= 0
butter-cooler COUNT= 0	canoe-making COUNT= 0	castle-builder COUNT= 0
butter-cutter COUNT= 0	canvas-maker COUNT= 0	cave-diver cave-dweller COUNT= 1
button_maker COUNT= 0	canvas-making COUNT= 0	cave-dweller
button_making		

COUNT= 0	COUNT= 1	COUNT= 0
cereal-maker COUNT= 0	cheese-slicer COUNT= 0	clock_keeper COUNT= 0
cereal-making COUNT= 0	cherry-chopper COUNT= 0	clock Keeping COUNT= 0
chain_maker COUNT= 0	cherry-sucker COUNT= 0	clock-watcher COUNT= 0
chain_making COUNT= 0	chess-player COUNT= 0	clock-watching COUNT= 0
chair_maker chair_mender chair-warmer COUNT= 2	chess-playing COUNT= 0	clog_maker COUNT= 0
chair_making chair_mending COUNT= 1	chimney-sweep COUNT= 0	clog_making COUNT= 0
chair_mender chair-warmer COUNT= 1	chimney-sweeper COUNT= 0	cloth-maker COUNT= 0
chair_mending COUNT= 0	chocolate-maker COUNT= 0	cloudburst COUNT= 0
chair-warmer COUNT= 0	chocolate-making COUNT= 0	cloud-drift COUNT= 0
chapelgoer COUNT= 0	church-goer COUNT= 0	coachbuilder COUNT= 0
cheese_cutter cheese_maker cheese_taster cheese_trier COUNT= 3	church-going COUNT= 0	coach_building COUNT= 0
cheese_maker cheese_taster cheese_trier cheese-slicer COUNT= 3	cigarette-holder COUNT= 0	coach_maker COUNT= 0
cheese_making COUNT= 0	cigarette-lighter COUNT= 0	coach_making COUNT= 0
cheese_taster cheese-slicer COUNT= 1	cigar_maker COUNT= 0	coal-burner coal-consumer coal-owner COUNT= 2
cheese_trier cheese-slicer	cigar_making COUNT= 0	coal-burning COUNT= 0
	circuit-breaker COUNT= 0	coal-consumer coal-digger coal-owner COUNT= 2
	class_work COUNT= 0	coal-consuming COUNT= 0
	clay-modeler COUNT= 0	clay-modeling

coal-digger	COUNT= 2	cotton-picker
coal-owner		COUNT= 1
COUNT= 1		
coal-digging	coffee-grower	cotton-picker
COUNT= 0	coffee-producer	cotton-picker
	COUNT= 1	COUNT= 1
coal-owner	coffee-growing	cotton-picker
COUNT= 0	coffee-producing	COUNT= 0
	COUNT= 1	
coat_hanger	coffee-producer	cow-keeper
COUNT= 0	COUNT= 0	cow-milker
		COUNT= 1
cocktail-shaker	coffee-producing	cow-keeping
COUNT= 0	COUNT= 0	COUNT= 0
cock-crow	coffin_maker	cow-milker
cock-fight	COUNT= 0	COUNT= 0
COUNT= 1		
cock-crowing	coffin_making	crab-catcher
cock-fighting	COUNT= 0	COUNT= 0
COUNT= 1		
cock-fight	concertgoer	crab-eater
COUNT= 0	COUNT= 0	COUNT= 0
cock-fighting	corner-kick	cradle_maker
COUNT= 0	COUNT= 0	COUNT= 0
coffee_maker	corn_cutter	cradle_making
coffee_whitener	corn-grower	COUNT= 0
coffee-drinker	COUNT= 1	
coffee-grinder	corn-crusher	cream-maker
coffee-grower	corn-grower	COUNT= 0
coffee-producer	COUNT= 1	
COUNT= 5	corn-grower	cream-making
	COUNT= 0	COUNT= 0
coffee_whitener	costume_designer	cross-bearer
coffee-drinker	COUNT= 0	cross-maker
coffee-grower	corn-growing	COUNT= 1
coffee-producer	COUNT= 0	
COUNT= 3		
coffee-drinker		cross-maker
coffee-grinder	cotton_stainer	COUNT= 0
coffee-grower	cotton-chopper	
coffee-producer	cotton-opener	
COUNT= 3	cotton-picker	cruet-stand
	COUNT= 4	COUNT= 0
coffee-drinking	cotton-chopper	daybreak
coffee-producing	cotton-picker	daydream
COUNT= 1	COUNT= 1	day_work
		COUNT= 2
coffee-grinder	cotton-opener	daydream
coffee-grower		
coffee-producer		

daypeep	COUNT= 1	ear-ache
day_work		ear-pick
COUNT= 2		COUNT= 1
daydreamer		ear-pick
day_worker		COUNT= 0
COUNT= 1		ear-picker
daypeep		COUNT= 0
day_work		eel-catcher
COUNT= 1		COUNT= 0
day_work		eel-catching
COUNT= 0		COUNT= 0
day_worker		doll_maker
COUNT= 0		COUNT= 0
dear-stealer		doorscraper
COUNT= 0		doorstopper
devil-worshipper		door-keeper
COUNT= 0		COUNT= 2
devil-worshipping		doorstop
COUNT= 0		COUNT= 0
dew_fall		doorstopper
COUNT= 0		door-keeper
diamond-breaker		COUNT= 1
diamond-cutter		egg-gatherer
COUNT= 1		egg-sucker
diamond-cutter		COUNT= 2
diamond-cutting		egg-beater
COUNT= 0		egg-gatherer
die_maker		egg-sucker
COUNT= 0		COUNT= 0
die_making		egg-gathering
COUNT= 0		COUNT= 0
dirt-eater		dress-maker
COUNT= 0		COUNT= 0
dirt-eating		dress-making
COUNT= 0		COUNT= 0
dish-cover		drumbeat
COUNT= 0		COUNT= 0
dish-washer		duck-hunting
dish-washer		COUNT= 0
		earthquake
		earth-shine
		COUNT= 1
		evil-doer
		COUNT= 0
		evil-doing
		COUNT= 0
		earth-shake
		COUNT= 0
		eyeliner
		eye-opener
		COUNT= 1
		ear_piercing
		COUNT= 0
		eye-opener
		COUNT= 0

eye-wash COUNT= 0	fire-eater fire-fighter fire-raiser fire-walker fire-watcher fire-worshipper COUNT= 6	COUNT= 0  fire-worship COUNT= 0  fire-worshipper COUNT= 0  fish-eater fish-strainer COUNT= 1  fish-strainer COUNT= 0  flame-bearer COUNT= 0  flesh-quake COUNT= 0  flesh-taster COUNT= 0  flower-grower flower-lover COUNT= 1  flower-growing COUNT= 0  flower-lover COUNT= 0  flower-show COUNT= 0  flymaker flyswatter fly_killer fly-catcher fly-catcher fly-catcher fly-fisher COUNT= 6  flyswatter fly_killer fly-catcher fly-catcher fly-catcher fly-fisher COUNT= 5  fly_killer fly-catcher fly-catcher
face_reading COUNT= 0		
faith-breaker COUNT= 0		
farm_work COUNT= 0		
fashion-follower fashion-setter COUNT= 1		
fashion-setter COUNT= 0		
fault-finder COUNT= 0		
fault-finding COUNT= 0		
fault-reader COUNT= 0		
felt_maker COUNT= 0		
felt_making COUNT= 0		
fiche_reader COUNT= 0		
field-work COUNT= 0		
fig-picker COUNT= 0		
fig-picking COUNT= 0		
film_maker COUNT= 0		
film_making COUNT= 0		
firelighter	fire-watching	

fly-fisher COUNT= 3	frog-eater COUNT= 0	gem-cutter COUNT= 0
fly-catcher fly-catcher fly-catcher fly-fisher COUNT= 3	fruit_grower COUNT= 0	gem-cutting COUNT= 0
fly-catcher fly-catcher fly-fisher COUNT= 2	fruit_growing COUNT= 0	glass_work COUNT= 0
fly-catcher fly-fisher COUNT= 1	fund-raiser COUNT= 0	glass-blower COUNT= 0
fly-fisher COUNT= 0	fund-raising COUNT= 0	glass-cutter COUNT= 0
fly-fishing COUNT= 0	furniture-maker COUNT= 0	glass-painter COUNT= 0
foot_washing COUNT= 0	furniture-making COUNT= 0	glass-painting COUNT= 0
foot-licker COUNT= 0	gag-writer COUNT= 0	glove-maker COUNT= 0
fortune-hunter fortune-teller COUNT= 1	game-keeper COUNT= 0	glove-making COUNT= 0
fortune-teller COUNT= 0	gas-detector COUNT= 0	gnat-catcher COUNT= 0
fortune-telling COUNT= 0	gas-fitter gas-heater gas-washer COUNT= 2	goalkeeper COUNT= 0
fox-chase COUNT= 0	gas-heater gas-washer COUNT= 1	goaltender COUNT= 0
fox-hunt COUNT= 0	gas-indicator COUNT= 0	goaltending COUNT= 0
fox-hunter COUNT= 0	gas-regulator COUNT= 0	gold-beater COUNT= 0
fox-hunting COUNT= 0	gas-washer COUNT= 0	gold-finder COUNT= 0
freedom-lover COUNT= 0	gate-keeper COUNT= 0	gold-wash COUNT= 0
freedom-loving COUNT= 0	gate-tender COUNT= 0	gold-washer COUNT= 0
	gate-tending COUNT= 0	gold-washing gold-washing COUNT= 1
		gold-washing

COUNT= 0	COUNT= 0	harness-making COUNT= 0
good-doer COUNT= 0	hair-restorer hair-splitter COUNT= 1	hat_maker COUNT= 0
grasshopper COUNT= 0	hair-splitter hair-thickener COUNT= 1	hat_making COUNT= 0
grave-digger grave-digger COUNT= 1	hair-splitting COUNT= 0	hat_stand COUNT= 0
grave-digger COUNT= 0	hair-thickener COUNT= 0	hay-grower hay-maker COUNT= 1
green-keeper COUNT= 0	handshake handstand hand_clap hand-work COUNT= 3	hay-growing hay-making COUNT= 1
gum_maker gum-chewer COUNT= 1	handstand hand_clap hand_clasp hand-work COUNT= 3	hay-maker COUNT= 0
gum_making gum-chewing COUNT= 1	handstand hand_clap hand_clasp hand-work COUNT= 3	hay-making COUNT= 0
gum-chewer COUNT= 0	handwriting hand-working COUNT= 1	headache headshake headstand head-hunt COUNT= 3
gunmaker COUNT= 0	hand_clap hand_clasp hand-work COUNT= 2	headshake headstand COUNT= 1
haircut hairgrip COUNT= 1	hand_clasp hand-work COUNT= 1	headshrinker COUNT= 0
hairdresser hair_drier hair-restorer hair-splitter hair-thickener COUNT= 4	hand-shaker hand-worker COUNT= 1	headstand head-hunt COUNT= 1
hairdressing COUNT= 0	hand-work COUNT= 0	head-hunt COUNT= 0
hairgrip COUNT= 0	hand-worker COUNT= 0	head-hunter COUNT= 0
hair_drier hair-splitter COUNT= 1	hand-working COUNT= 0	head-hunting COUNT= 0
hair-cutting	harness-maker COUNT= 0	heartache heart_beat heart-break heart-quake COUNT= 3

heartbreaker COUNT= 0	honey-eater COUNT= 0	COUNT= 2
heart_beat COUNT= 0	honey-guide COUNT= 0	housekeeping house-building house-owning COUNT= 2
heart-break COUNT= 0	hook_maker hook-climber COUNT= 1	housework COUNT= 0
heart-quake COUNT= 0	hook-climber COUNT= 0	house-builder house-cleaner house-owner COUNT= 2
hedge-trimmer COUNT= 0	hop-picker hop-picker COUNT= 1	house-building house-cleaning house-owning house-warming COUNT= 3
heel-cutter heel-maker COUNT= 1	hop-picker COUNT= 0	house-cleaner house-owner COUNT= 1
heel-fastener heel-maker COUNT= 1	horse_keeper COUNT= 0	house-cleaning house-owning COUNT= 1
heel-maker heel-trimmer COUNT= 1	horse_keeping COUNT= 0	house-owner COUNT= 0
heel-trimmer COUNT= 0	horse-tamer COUNT= 0	house-owning house-warming COUNT= 1
hen-run COUNT= 0	housebreaker householder housekeeper house-builder house-cleaner house-owner COUNT= 5	ice_fall ice_dance ice-breaker ice-dancer ice-skater COUNT= 2
holidaymaker COUNT= 0	housebreaking housekeeping house-building house-cleaning house-owning house-warning COUNT= 5	ice-dance ice-drift ice-fall icequake COUNT= 3
homework COUNT= 0	householder housekeeper house-builder house-cleaner house-owner COUNT= 3	ice-dancer ice-skater COUNT= 1
home_comer home-seeker COUNT= 1	housekeeper house-builder house-owning house-warning COUNT= 5	
home-coming home-seeking COUNT= 1	housekeeper house-builder house-owning house-warning COUNT= 5	
home-seeker COUNT= 0	housekeeper house-builder house-owning house-warning COUNT= 5	
home-seeking COUNT= 0	housekeeper house-builder house-owning house-warning COUNT= 5	
honeysucker COUNT= 0	housekeeper house-builder house-owning house-warning COUNT= 5	

ice-drift COUNT= 0	inn_holding COUNT= 0	land-holder land-owner COUNT= 2
ice-fall COUNT= 0	insect_killer insect-feeder COUNT= 1	land-grabbing land-holding land-owning COUNT= 2
ice-quake COUNT= 0	insect-feeder COUNT= 0	land-holder COUNT= 0
ice-skater COUNT= 0	iron-founder COUNT= 0	land-holding COUNT= 0
ice-skating COUNT= 0	jailbreak COUNT= 0	land-owner COUNT= 0
ill-doing COUNT= 0	joy-killer COUNT= 0	land-owning COUNT= 0
image-breaker image-maker COUNT= 1	kettle_clean COUNT= 0	lantern-bearer COUNT= 0
image-breaking COUNT= 0	key-finder COUNT= 0	lantern-carrier COUNT= 0
image-maker image-worshipper COUNT= 1	king-killer COUNT= 0	lawn-edger COUNT= 0
image-worshipper COUNT= 0	knife-grinder knife-grinder COUNT= 1	lawn-mower COUNT= 0
image-worshipping COUNT= 0	knife-grinder COUNT= 0	lawn-sprinkler COUNT= 0
inkshed ink_stand COUNT= 1	lace_maker COUNT= 0	law-breaker law-giver law-maker COUNT= 2
ink_stand COUNT= 0	lace_making COUNT= 0	law-giver law-maker COUNT= 1
ink-eraser ink-writer COUNT= 1	lady-killer COUNT= 0	law-maker COUNT= 0
ink-writer COUNT= 0	lady-killing COUNT= 0	lead-poisoning COUNT= 0
innkeeper inn_holder COUNT= 1	lamp_lighter COUNT= 0	leaf-cutter leaf-hopper COUNT= 1
inn_holder COUNT= 0	landslide COUNT= 0	leaf-hopper leaf-roller
	landslip COUNT= 0	
	land-grabber	

COUNT= 1		COUNT= 0
leaf-roller	match-maker	mischief-maker
COUNT= 0	COUNT= 0	COUNT= 0
leg_pulling	match-making	model_maker
COUNT= 0	COUNT= 0	COUNT= 0
leg-pull	melon-grower	model_making
COUNT= 0	COUNT= 0	COUNT= 0
leg-puller	melon-growing	moisture-holder
COUNT= 0	COUNT= 0	COUNT= 0
lemon-squeez	mercy_killing	moneychanger
er	COUNT= 0	money-grubber
COUNT= 0	metal_detector	money-maker
letter-carrier	COUNT= 0	money-maker
letter-writer	metal_locator	money-spinner
letter-writer	COUNT= 0	COUNT= 4
COUNT= 2		
letter-cutter	mind_reader	money-grubber
letter-writer	mind_curer	money-lender
letter-writer	mind_healer	money-maker
COUNT= 2	COUNT= 2	money-maker
letter-writer	mind_reading	money-spinner
letter-writer	COUNT= 0	money-taker
COUNT= 1		COUNT= 5
letter-writer	mind_bending	money-lender
COUNT= 0	COUNT= 0	money-maker
lime-burner	mind_curer	money-maker
COUNT= 0	COUNT= 0	money-spinner
lorry_driver	mind_healer	COUNT= 3
COUNT= 0	COUNT= 0	
lotus-eater	mind_healing	money-lending
COUNT= 0	COUNT= 0	COUNT= 0
mable-cutter	mind_reading	money-maker
COUNT= 0	COUNT= 0	money-maker
machine-minder	minelayer	money-spinner
COUNT= 0	mine_owner	money-taker
	COUNT= 1	COUNT= 2
manslayer	minesweeper	money-making
COUNT= 0	mine_owner	COUNT= 0
man-eater	COUNT= 1	
COUNT= 0	mine_detector	money-spinner
map-reader	COUNT= 0	money-taker
COUNT= 0	mine_owner	

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COUNT= 0	night-worker	
	COUNT= 4	nutpecker
moonrise	night-walk	nut_breaker
moonshine	night-watch	nut-cracker
moon_walk	COUNT= 1	COUNT= 2
COUNT= 2		
moonshine	night-walker	nut_breaker
moon_walk	night-watcher	COUNT= 0
COUNT= 1	night-worker	nut-cracker
moon_walk	COUNT= 2	COUNT= 0
COUNT= 0	night-walking	onion_holder
	COUNT= 0	COUNT= 0
moth_killer	night-wanderer	ox-biter
COUNT= 0	night-watcher	COUNT= 0
mouthwash	night-worker	oyster-catcher
COUNT= 0	COUNT= 2	COUNT= 0
music-holder	night-wandering	pain-killer
music-lover	COUNT= 0	COUNT= 0
music-seller	night-warbling	paper-cutter
music-teacher	COUNT= 0	paper-feeder
COUNT= 3		paper-hanger
music-lover	night-watch	paper-mabler
music-seller	night-watch	paper-maker
music-teacher	night-work	paper-stainer
COUNT= 2	COUNT= 2	COUNT= 5
music-seller	night-watch	
COUNT= 0	COUNT= 0	paper-fastener
music-teacher	night-watcher	paper-feeder
COUNT= 0	night-worker	paper-hanger
net_maker	COUNT= 1	paper-mabler
COUNT= 0		paper-maker
net_making	night-watching	paper-stainer
COUNT= 0	COUNT= 0	COUNT= 5
news-writer	night-work	
COUNT= 0	COUNT= 0	paper-feeder
nightfall	night-worker	paper-folder
night-walk	nosebleed	paper-hanger
night-watch	COUNT= 0	paper-mabler
night-watch	novel-writer	paper-maker
night-work	COUNT= 0	paper-stainer
COUNT= 4		COUNT= 5
night-singer	nutcracker	
night-walker	nut_breaker	paper-folder
night-wanderer	nut-cracker	paper-hanger
night-watcher	COUNT= 2	paper-maker

COUNT= 1		
paper-mabler	peace-lover	picture_making
paper-maker	COUNT= 2	picture-writing
COUNT= 1	peace-keeper	COUNT= 1
	peace-lover	
paper-maker	peace-seeker	picture-goer
paper-stainer	COUNT= 2	COUNT= 0
COUNT= 1	peace-lover	picture-writing
	peace-seeker	COUNT= 0
paper-making	COUNT= 1	
paper-washing	peace-loving	pillow-fight
COUNT= 1	peace-offering	COUNT= 0
	COUNT= 1	
paper-stainer	peace-offering	place-hunter
COUNT= 0	COUNT= 0	COUNT= 0
	peace-seeker	plant-cutter
paper-washing	COUNT= 0	COUNT= 0
COUNT= 0	pearl-diver	plate-holder
	COUNT= 0	COUNT= 0
parchment-maker	pleasure-lover	
COUNT= 0	COUNT= 0	
	pleasure-seeker	
park_keeper	pencil_eraser	COUNT= 1
COUNT= 0	COUNT= 0	
	pen-pencil	pleasure-seeker
paste-cutter	COUNT= 0	COUNT= 0
COUNT= 0	pen-sharpener	
	COUNT= 0	
path-finder	penny_pincher	port-stopper
COUNT= 0	COUNT= 0	COUNT= 0
	penwiper	position-finder
pattern-designer	COUNT= 0	COUNT= 0
pattern-drawer	pen-holder	posture-maker
COUNT= 1	COUNT= 0	COUNT= 0
	phone_call	potato_picker
pattern-drawer	COUNT= 0	COUNT= 0
pattern-maker	piano-player	pottery-maker
COUNT= 1	COUNT= 0	COUNT= 0
	piano-playing	prison-breaker
pattern-maker	COUNT= 0	COUNT= 0
COUNT= 0	picture_framing	prison-breaking
	picture_making	COUNT= 0
peacemaker	picture-writing	
peace-breaker	COUNT= 2	
peace-keeper		
peace-lover		
peace-seeker		
COUNT= 4		
peace_making	picture_maker	prize-fighter
peace-loving	picture-goer	prize-fighter
peace-offering	COUNT= 1	prize-winner
COUNT= 2		
peace-breaker		
peace-keeper		

COUNT= 2	COUNT= 3	rope-walker COUNT= 1
prize-fighter prize-winner COUNT= 1	road-making road-mending COUNT= 1	rope-making COUNT= 0
prize-fighting COUNT= 0	road-mender road-runner road-scraper COUNT= 2	rope-walker COUNT= 0
prize-winner COUNT= 0	road-mending COUNT= 0	rose-sprinkler COUNT= 0
profit_seeker COUNT= 0	road-runner road-scraper COUNT= 1	rush-bearing COUNT= 0
prose-writer COUNT= 0	road-scraper COUNT= 0	rush-holder COUNT= 0
purse-snatcher COUNT= 0	rock-breaker rock-hopper COUNT= 1	safebreaker COUNT= 0
rainfall rain-wash COUNT= 1	rock-climbing COUNT= 0	safe-keeping COUNT= 0
rain_burst rain-wash COUNT= 1	rock-drill rock-fall COUNT= 1	salad_spinner COUNT= 0
rain-maker COUNT= 0	rock-fall COUNT= 0	saltshaker COUNT= 0
rain-wash COUNT= 0	rock-hopper COUNT= 0	salt-lick COUNT= 0
rat-catcher COUNT= 0	role-playing COUNT= 0	sand-hopper COUNT= 0
rat-catching COUNT= 0	roll-call COUNT= 0	scene-painter COUNT= 0
rat-hunting COUNT= 0	root-climber COUNT= 0	scene-painting COUNT= 0
rice-grower COUNT= 0	rope-dancer rope-maker rope-walker COUNT= 2	scene-shifter COUNT= 0
rice-growing COUNT= 0	rope-dancing rope-making COUNT= 1	school_keeper COUNT= 0
river-drift COUNT= 0	rope-maker	scissor-grinder COUNT= 0
road-maker road-mender road-runner road-scraper		screwdriver COUNT= 0

script-writer COUNT= 0	shadow-fight shadow-fight COUNT= 1	COUNT= 1
scythe-maker COUNT= 0	ship-owner COUNT= 0	shoeblock
seal-fisher COUNT= 0	sheepwalk sheep-wash COUNT= 1	shoeshine
seal-fishing COUNT= 0	sheep-wash COUNT= 3	shoeshine
sea-bather sea-fisher sea-poacher sea-robberr sea-rover COUNT= 4	sheep-stealer COUNT= 2	shoe-polish
sea-bathing COUNT= 0	sheep-keeper COUNT= 0	COUNT= 3
sea-fight sea-quake COUNT= 1	sheep-keeper COUNT= 0	shoemaker
sea-fisher sea-robberr COUNT= 1	sheep-stealer COUNT= 0	COUNT= 0
sea-fishing COUNT= 0	sheep-stealing COUNT= 0	shoeshine
sea-poacher sea-robberr COUNT= 1	sheep-wash COUNT= 0	shoeshine
sea-quake COUNT= 0	shelf_filler COUNT= 0	shoeshine
sea-robberr sea-rover COUNT= 1	shell_cracker COUNT= 0	COUNT= 0
sea-rover COUNT= 0	shell-breaker COUNT= 0	shopbreaking
sea-roving COUNT= 0	shipbuilder ship-breaker ship-holder ship-owner COUNT= 3	shopkeeping
seed-eater seed-feeder COUNT= 1	ship-breaker ship-holder ship-owner COUNT= 2	shop-lifter
seed-feeder COUNT= 0	ship-holder ship-owner	shop-walker

shore-going shore-shooting COUNT= 1	sky-writing COUNT= 0	space-heater space-treveller COUNT= 2
shore-shooter COUNT= 0	slave-holder COUNT= 0	space-heater space-treveller COUNT= 1
shore-shooting COUNT= 0	slave-holding COUNT= 0	space-heating space-travelling COUNT= 1
shoulder_stand COUNT= 0	slave-hunt COUNT= 0	space-travelling COUNT= 0
silk-winder silk-winder COUNT= 1	slave-owner COUNT= 0	space-treveller COUNT= 0
silk-winder COUNT= 0	slave-owning COUNT= 0	spider-catcher COUNT= 0
skirt_dancing COUNT= 0	slop-seller COUNT= 0	spine-chiller COUNT= 0
ski_jump ski_jump COUNT= 1	snake-charmer COUNT= 0	sponge-fisher COUNT= 0
ski_jump COUNT= 0	snow_slide COUNT= 0	sponge-fishing COUNT= 0
ski-jumping COUNT= 0	snow_slip COUNT= 0	spring-cleaning COUNT= 0
ski-runner COUNT= 0	snow-drift COUNT= 0	stage-driver stage-player COUNT= 1
ski-running COUNT= 0	snow-fall COUNT= 0	stage-player COUNT= 0
sky_shine COUNT= 0	soap-boiler soap-maker COUNT= 1	stage-playing COUNT= 0
sky-diver sky-scraper COUNT= 1	soap-boiling COUNT= 0	stamp-collecting COUNT= 0
sky-diving sky-writing COUNT= 1	soap-maker COUNT= 0	stamp-collector COUNT= 0
sky-jumping sky-writing COUNT= 1	soul-searching COUNT= 0	starshine star-drift COUNT= 1
sky-scraper COUNT= 0	sound_mixer COUNT= 0	star-drift COUNT= 0
	space_walk COUNT= 0	star-gazer
	space_walker	

COUNT= 0	COUNT= 0	COUNT= 0
star-gazing COUNT= 0	street-walking COUNT= 0	surf-bathing surf-riding COUNT= 1
stay-maker COUNT= 0	style-setter COUNT= 0	surf-riding COUNT= 0
stone-breaker stone-crusher stone-eater COUNT= 2	style-setting COUNT= 0	swine-keeping COUNT= 0
stone-breaking COUNT= 0	sugar-baker COUNT= 0	swordplay COUNT= 0
stone-crusher stone-cutter stone-eater COUNT= 2	sugar-refiner COUNT= 0	swordplayer sword-bearer sword-breaker sword-swallowер COUNT= 3
stone-cutter stone-eater COUNT= 1	sugar-refinery COUNT= 0	sword-bearer sword-breaker COUNT= 1
stone-dresser COUNT= 0	sugar-refining COUNT= 0	sword-breaker sword-swallowер COUNT= 1
stone-eater COUNT= 0	sunburn sunrise sunset sunshine sun-worship COUNT= 4	sword-dance COUNT= 0
story-teller COUNT= 0	sunrise sunshine sun-worship COUNT= 2	sword-swallowер COUNT= 0
story-telling COUNT= 0	sunrising COUNT= 0	table-cover table-talk COUNT= 1
street_beggar COUNT= 0	sunset sunshine sun-worship COUNT= 2	table-spread table-talk COUNT= 1
street-cleaner street-walker COUNT= 1	sunshine sun-worship COUNT= 1	table-talk COUNT= 0
street-cleaning street-walking COUNT= 1	sun-setting COUNT= 0	table-thumper COUNT= 0
street-keeper street-walker COUNT= 1	sun-worship COUNT= 0	talebearer tale-teller COUNT= 1
street-sweeper street-walker COUNT= 1	sun-worshipper COUNT= 0	talebearing COUNT= 0
street-walker	surf-bather	tale-teller

COUNT= 0		treasure-hunter
tape_recorder	titleholder	COUNT= 0
COUNT= 0		tree-creeper
taxi_driver	toad-eater	tree-hopper
COUNT= 0	toad-snatcher	COUNT= 1
tax-collector		tree-hopper
COUNT= 0	toad-snatcher	COUNT= 0
tearjerker	tobacco-stopper	trend-setter
COUNT= 0	COUNT= 0	COUNT= 0
tea-drinker	toe-dancer	trend-setting
tea-taster	COUNT= 0	COUNT= 0
COUNT= 1	tongue-twister	troop_carrier
tea-taster	COUNT= 0	COUNT= 0
tea-tasting	tool_maker	troubleshooter
COUNT= 0	COUNT= 0	trouble-maker
theatre-goer	toothache	COUNT= 1
COUNT= 0	toothpick	trouble-maker
thief-catcher	toothwash	COUNT= 0
COUNT= 0	COUNT= 2	trouble-shooting
thief-taker	toothpick	COUNT= 0
COUNT= 0	toothwash	trouser-stretcher
thunder_burst	COUNT= 1	COUNT= 0
COUNT= 0	toothwash	trumpet-call
ticket-collector	tooth-picker	COUNT= 0
COUNT= 0	COUNT= 0	trunk-maker
ticket-punch	torch-bearer	COUNT= 0
COUNT= 0	COUNT= 0	tube-spinner
time-keeper	torch-dance	COUNT= 0
time-killer	COUNT= 0	tube-weaver
COUNT= 1	town-dweller	COUNT= 0
time-killer	COUNT= 0	tuft-hunter
COUNT= 0	town-living	COUNT= 0
time-killing	town-planning	tuft-hunting
COUNT= 0	COUNT= 1	COUNT= 0
time-switch	town-planning	type-cutter
COUNT= 0	COUNT= 0	type-writer
tin-opener	treasure-hunt	COUNT= 1
COUNT= 0	COUNT= 0	COUNT= 1

type-setting COUNT= 1	water-carrier water-cooler water-drinker water-finder water-softener COUNT= 6	COUNT= 0 wax-painting COUNT= 0
type-writer COUNT= 0	water-breathing water-cooling water-skiing COUNT= 2	way-maker COUNT= 0
type-writing COUNT= 0	water-carrier water-carrier water-cooler water-drinker water-finder water-softener COUNT= 5	weed-killer COUNT= 0
vacuum-cleaner COUNT= 0	water-carrier water-carrier water-cooler water-drinker water-finder water-softener COUNT= 5	weight_watcher COUNT= 0
verse_maker COUNT= 0	water-carrier water-carrier water-cooler water-drinker water-finder water-softener COUNT= 5	weight-lifter COUNT= 0
verse-making COUNT= 0	water-carrier water-carrier water-cooler water-drinker water-finder water-softener COUNT= 5	wheat-grower COUNT= 0
vine-dresser vine-fretter COUNT= 1	water-carrier water-cooler water-drinker water-softener COUNT= 3	wheat-growing COUNT= 0
vine-fretter COUNT= 0	water-cooler water-drinker water-finder water-softener COUNT= 3	wheel-cutter COUNT= 0
violin-maker violin-player COUNT= 1	water-cooler water-drinker water-finder water-softener COUNT= 2	weight_lifting COUNT= 0
violin-player COUNT= 0	water-cooling water-skiing COUNT= 1	windburn wind-break COUNT= 1
wage-earner COUNT= 0	water-drinker water-finder water-softener COUNT= 2	windfall wind-break COUNT= 1
wage-earning COUNT= 0	water-finder water-softener COUNT= 1	window-cleaner COUNT= 0
wage-freeze COUNT= 0	water-finder water-softener COUNT= 1	window-dresser COUNT= 0
wall-painting COUNT= 0	water-flow COUNT= 0	window-dressing COUNT= 0
watchmaker COUNT= 0	water-quake COUNT= 0	window-washer COUNT= 0
watchmaking COUNT= 0	water-skiing COUNT= 0	window-washing COUNT= 0
waterfall COUNT= 0	water-softener COUNT= 0	wind-break COUNT= 0
water-breather water-carrier	wax-maker	wind-surfer COUNT= 0

wine_tasting	COUNT= 0		wool-packer
COUNT= 0			wool-picker
wine-cooler		witch-finder	COUNT= 1
wine-drinker		COUNT= 0	
wine-grower		witch-hunt	
wine-taster		COUNT= 0	
COUNT= 3		woodcut	
wine-drinker		COUNT= 0	
wine-grower		woodpecker	
wine-taster		wood-carver	
COUNT= 2		wood-cutter	
wine-grower	COUNT= 0	COUNT= 2	
		wood-carver	
		COUNT= 0	
wine-growing		wood-carving	
COUNT= 0		COUNT= 0	
wine-taster		word-building	
COUNT= 0		word-painting	
wire-dancer		word-splitting	
wire-drawer		COUNT= 2	
wire-puller			
wire-walker			
COUNT= 3		wood-cutting	
wire-dancing		COUNT= 0	
COUNT= 0		wood-cleaner	
wire-drawer		wool-picker	
wire-walker	COUNT= 1	COUNT= 1	
		wool-combing	
		COUNT= 0	
		wool-dresser	
		wool-picker	
wire-puller		COUNT= 1	
wire-walker	COUNT= 1	wool-gathering	
		COUNT= 0	
wire-walker			

#### 2.6.2.1.5 Lista minimalnih parova (Zadatak 4 - izlazni podaci)

answerphone	baking-powder	bathing-costume
COUNT= 0	polishing-powder	COUNT= 0
bake-house	washing-powder	bathing-dress
COUNT= 0	COUNT= 2	COUNT= 0
bake-stone	baking-soda	bathing-machine
float-stone	washing-soda	brushing-machine
grindstone	COUNT= 1	composing-machine
sink-stone	bathing_cap	drawing-machine
stinkstone	wishing-cap	drilling-machine
whetstone	COUNT= 1	folding-machine
COUNT= 5		

mixing-machine		toasting-fork
printing-machine		tuning-fork
rolling-machine	COUNT= 0	COUNT= 2
sewing-machine		
stamping-machine		
thrashing-machine		
washing-machine		
weighing-machine		
wringing-machine		
COUNT= 14		
bathing-suit		
riding-suit		
sleeping-suit		
COUNT= 2		
bindweed		
choke-weed		
driftweed		
sneeze-weed		
stinkweed		
COUNT= 4		
blazing-star		
falling_star		
shooting-star		
COUNT= 2		
bleeding-heart		
COUNT= 0		
blotting-paper		
drawing-paper		
printing-paper		
tracing_paper		
wrapping-paper		
writing-paper		
COUNT= 5		
blowgun		
COUNT= 0		
blowpipe		
COUNT= 0		
boiling-chicken		
COUNT= 0		
booking-hall		
dining-hall		
COUNT= 1		
booking-office		
COUNT= 0		
boxing-glove		
COUNT= 0		
breakneck		
COUNT= 0		
breakwater		
fetch-water		
COUNT= 1		
break-bones		
COUNT= 0		
break-jaw		
COUNT= 0		
break-wind		
COUNT= 0		
breeding-ground		
standing-ground		
COUNT= 1		
brushing-machine		
COUNT= 0		
call_button		
push-button		
COUNT= 1		
call-bell		
COUNT= 0		
call-bird		
stink-bird		
COUNT= 1		
call-box		
sneeze-box		
spit-box		
workbox		
COUNT= 3		
call-boy		
playboy		
COUNT= 1		
call-day		
work-day		
COUNT= 1		
call-girl		
play-girl		
COUNT= 1		
carrycot		
COUNT= 0		
carving_fork		
COUNT= 0		
change-room		
rest-room		
smoke-room		
workroom		
COUNT= 3		
changing-room		
dining_room		
living_room		
resting-room		
sitting-room		
smoking_room		
standing-room		
waiting-room		
writing_room		
COUNT= 8		
check-point		
COUNT= 0		

check-time	COUNT= 0	living_room
kill-time	curling_iron	reading-room
COUNT= 1	shooting-iron	resting-room
chewing-gum	COUNT= 1	sitting-room
COUNT= 0	curling-stone	standing-room
chewing-tobacco	stumbling-stone	waiting-room
COUNT= 0	wishing-stone	writing_room
chokeberry	COUNT= 2	COUNT= 8
COUNT= 0	cutpurse	dining_table
choke-apple	COUNT= 0	drawing-table
COUNT= 0	cutting_diamond	writing-table
choke-cherry	COUNT= 0	COUNT= 2
COUNT= 0	cutwater	dining-hall
choke-pear	fetch-water	COUNT= 0
COUNT= 0	COUNT= 1	dipping-well
choke-weed	cutworm	wishing-well
driftweed	glow-worm	COUNT= 1
stinkweed	COUNT= 1	dip-net
COUNT= 2	cut-throat	drag-net
cleaning_lady	COUNT= 0	draw-net
walking-lady	dance-hall	drift-net
COUNT= 1	COUNT= 0	sweep-net
cleaning_woman	dancing_bear	COUNT= 4
working-woman	COUNT= 0	dip-stick
COUNT= 1	dancing_shoe	COUNT= 0
climbing_plant	jogging_shoe	diving_board
COUNT= 0	running_shoe	draining_board
climbing-boot	walking_shoe	drawing-board
riding-boot	COUNT= 3	ironing-board
walking_boot	dancing-girl	scrubbing-board
COUNT= 2	COUNT= 0	washing-board
composing-machine	dancing-partner	COUNT= 5
COUNT= 0	sleeping-partner	do-gooder
cookhouse	COUNT= 1	COUNT= 0
COUNT= 0	dare-devil	drag-anchor
cooking-cheese	COUNT= 0	COUNT= 0
COUNT= 0	dining_car	drag-bar
cooking-oil	sleeping-car	COUNT= 0
COUNT= 0	touring-car	drag-net
cry-baby	COUNT= 2	drift-net
	dining_room	COUNT= 1
	drawing-room	draining_board
		drawing-board
		ironing-board
		running-board
		scrubbing-board

surfing-board	COUNT= 0	COUNT= 0
washing-board		
COUNT= 6		
drawbridge	draw-bar	driving-wheel
COUNT= 0	COUNT= 0	grinding-wheel
drawing-board	draw-boy	spinning-wheel
running-board	playboy	COUNT= 2
scrubbing-board	COUNT= 1	
surfing-board	draw-knife	
washing-board	COUNT= 0	drop-seat
COUNT= 4		COUNT= 0
drawing-bridge	draw-net	drop-curtain
COUNT= 0	drift-net	COUNT= 0
	COUNT= 1	drop-hammer
	draw-well	COUNT= 0
drawing-frame	COUNT= 0	drop-seed
COUNT= 0		COUNT= 0
drawing-knife	driftice	drop-zone
scalping-knife	COUNT= 0	COUNT= 0
COUNT= 1	driftweed	dwelling-house
drawing-machine	sneeze-weed	eating-house
COUNT= 0	stinkweed	gambling_house
	COUNT= 2	printing-house
	driftwood	washing-house
drawing-paper	sneeze-wood	COUNT= 4
tracing_paper	stink-wood	
wrapping-paper	COUNT= 2	dwelling-place
writing-paper		eating-place
COUNT= 3		hiding-place
drawing-pen	drift-anchor	landing-place
COUNT= 0	COUNT= 0	sticking-place
	drift-net	watering-place
drawing-pencil	sweep-net	COUNT= 5
COUNT= 0	COUNT= 1	
drawing-pin	drilling-machine	eating-house
COUNT= 0	COUNT= 0	gambling_house
		COUNT= 1
drawing-room	drinking_chocolate	eating-place
living_room	COUNT= 0	resting-place
resting-room		standing-place
sitting-room	drinking_straw	COUNT= 2
smoking_room	COUNT= 0	
standing-room	drinking-man	falling_star
waiting-room	gambling-man	COUNT= 0
writing_room	working-man	feeding-bottle
COUNT= 7	COUNT= 2	COUNT= 0
drawing-table	drinking-water	feeding-time
writing-table	COUNT= 0	COUNT= 0
COUNT= 1		feeding-tube
drawstring	driving-licence	COUNT= 0

fetch-water COUNT= 0	COUNT= 0	COUNT= 2
filtering-basin COUNT= 0	frying-pan warming-pan COUNT= 1	holding_fee COUNT= 0
filtering-tank COUNT= 0	frying-steak COUNT= 0	humming-bird mocking-bird singing-bird COUNT= 2
fishing-boat rowing-boat COUNT= 1	gambling_house printing-house washing-house COUNT= 2	hunting-ant COUNT= 0
fishing-line COUNT= 0	gambling-man COUNT= 0	hunting-cog COUNT= 0
fishing-net COUNT= 0	giggle-smoke COUNT= 0	hunting-dog COUNT= 0
fishing-rod COUNT= 0	glow-worm COUNT= 0	hunting-field COUNT= 0
fish-hook COUNT= 0	go-cart push-cart COUNT= 1	hunting-ground standing-ground COUNT= 1
floating_grass COUNT= 0	greeting_card COUNT= 0	hunting-party COUNT= 0
float-copper COUNT= 0	grilling-steak COUNT= 0	hunting-spider COUNT= 0
float-gold COUNT= 0	grinding-wheel steering-wheel COUNT= 1	hush-money COUNT= 0
float-mineral COUNT= 0	grindstone rubstone stinkstone COUNT= 2	icing-sugar COUNT= 0
float-ore COUNT= 0	ironing-board running-board scrubbing-board surfing-board washing-board COUNT= 4	
float-quartz COUNT= 0	guide-book COUNT= 0	
float-stone grindstone rubstone sink-stone stinkstone whetstone COUNT= 5	hangdog pat-dog watch-dog COUNT= 2	jogging_shoe COUNT= 0
folding-door revolving_door COUNT= 1	hangman workman COUNT= 1	jump_jockey COUNT= 0
folding-machine	hiding-place resting-place standing-place	kill-devil COUNT= 0
		kill-joy COUNT= 0

kill-time		COUNT= 1
playtime		
COUNT= 1		
knitting-needle		
COUNT= 0		
landing-field		
COUNT= 0		
landing-place		
resting-place		
standing-place		
COUNT= 2		
laughing-gas		
COUNT= 0		
laughing-stock		
COUNT= 0		
lifting-bridge		
COUNT= 0		
lifting-gate		
wishing-gate		
COUNT= 1		
lift-bridge		
COUNT= 0		
lift-gate		
COUNT= 0		
living_room		
reading-room		
smoking_room		
writing_room		
COUNT= 3		
looking-glass		
magnifying_glass		
reading-glass		
COUNT= 2		
magnifying_glass		
reading-glass		
COUNT= 1		
make-peace		
COUNT= 0		
mixing-machine		
COUNT= 0		
mocking-bird		
COUNT= 0		
mock-bird		COUNT= 1
stink-bird		
COUNT= 1		
password		
COUNT= 0		
pat-dog		
watch-dog		
COUNT= 1		
paving_stone		
stumbling-stone		
wishing-stone		
COUNT= 2		
pay-box		
sneeze-box		
spit-box		
workbox		
COUNT= 3		
pay-day		
work-day		
COUNT= 1		
pay-desk		
COUNT= 0		
pay-night		
COUNT= 0		
pay-office		
COUNT= 0		
pay-room		
rest-room		
smoke-room		
workroom		
COUNT= 3		
pay-week		
COUNT= 0		
peep-hole		
spy-hole		
COUNT= 1		
pickpocket		
COUNT= 0		
picktooth		
COUNT= 0		
pinchpenny		
turn-penny		
COUNT= 0		
posting_box		

sneeze-box spit-box workbox COUNT= 3	COUNT= 0  rattle-pate COUNT= 0	riding-boot walking_boot COUNT= 1
printing-house COUNT= 0	reading_glove COUNT= 0	riding-breeches COUNT= 0
printing-ink writing-ink COUNT= 1	reading-book writing-book COUNT= 1	riding-cloak COUNT= 0
printing-machine COUNT= 0	reading-desk writing-desk COUNT= 1	riding-clothes COUNT= 0
printing-office COUNT= 0	reading-glass COUNT= 0	riding-coat COUNT= 0
printing-paper tracing_paper wrapping-paper writing-paper COUNT= 3	reading-lamp COUNT= 0	riding-glove COUNT= 0
punch-ball wash-ball COUNT= 1	reading-light COUNT= 0	riding-habit COUNT= 0
push-bicycle COUNT= 0	reading-room resting-room sitting-room smoking_room standing-room waiting-room writing_room COUNT= 6	riding-horse rocking_horse COUNT= 1
push-bike COUNT= 0	recording-studio COUNT= 0	riding-master writing-master COUNT= 1
push-button COUNT= 0	resting-place sticking-place watering-place COUNT= 2	riding-robe COUNT= 0
push-cart COUNT= 0	resting-room smoking_room writing_room COUNT= 2	riding-school COUNT= 0
push-chair COUNT= 0	rest-room showroom smoke-room wash-room workroom COUNT= 4	riding-skirt COUNT= 0
push-cycle COUNT= 0	revolving_door COUNT= 0	riding-suit sleeping-suit COUNT= 1
quaking-grass COUNT= 0	resting-room smoking_room writing_room COUNT= 2	riding-whip COUNT= 0
rattlesnake COUNT= 0	rest-room showroom smoke-room wash-room workroom COUNT= 4	roasting-chicken COUNT= 0
rattle-brain scatter-brain COUNT= 1	revolving_door COUNT= 0	rocking_horse COUNT= 0
rattle-head		rocking-chair COUNT= 0

rolling-machine COUNT= 0	scanning-disk COUNT= 0	shaving_cream washing_cream COUNT= 1
rolling-pin COUNT= 0	scare-crow COUNT= 0	shaving-brush COUNT= 0
rove-beetle COUNT= 0	scatter-brain COUNT= 0	shaving-soap COUNT= 0
rowing-boat COUNT= 0	scratch_board skateboard springboard	shooting-gallery COUNT= 0
row-barge COUNT= 0	surf-board COUNT= 3	shooting-iron COUNT= 0
row-boat surf-boat swingboat COUNT= 2	scratch-brush COUNT= 0	shooting-jacket COUNT= 0
rubbing-stone stumbling-stone wishing-stone COUNT= 2	screech-owl COUNT= 0	shooting-star COUNT= 0
rubstone sink-stone stinkstone whetstone COUNT= 3	scribbling-pad COUNT= 0	showroom smoke-room workroom COUNT= 2
running_shoe COUNT= 0	scrubbing-board surfing-board COUNT= 1	show-place COUNT= 0
running-board scrubbing-board washing-board COUNT= 2	scrubbing-brush shaving-brush COUNT= 1	singing-bird COUNT= 0
runway COUNT= 0	scrub_board skateboard springboard surf-board COUNT= 3	sink-stone stinkstone COUNT= 1
rush_hour COUNT= 0	sealing-wax COUNT= 0	sitting-room smoking_room writing_room COUNT= 2
saw-bones COUNT= 0	searchlight COUNT= 0	skateboard COUNT= 0
scattergood COUNT= 0	search-party COUNT= 0	skimming-dish COUNT= 0
scaling-ladder COUNT= 0	sewing-machine COUNT= 0	skim-milk COUNT= 0
scalping-knife COUNT= 0	sewing-maid COUNT= 0	skipping-rope COUNT= 0
	share-cropper COUNT= 0	sleeping_tablet COUNT= 0

sleeping-bag COUNT= 0	stink-wood COUNT= 1	COUNT= 0
sleeping-car touring-car COUNT= 1	sob-story COUNT= 0	stamping-machine COUNT= 0
sleeping-coach COUNT= 0	sob-stuff COUNT= 0	standing-bed COUNT= 0
sleeping-partner COUNT= 0	speaking-trumpet COUNT= 0	standing-bowl COUNT= 0
sleeping-pill COUNT= 0	speaking-tube COUNT= 0	standing-cup COUNT= 0
sleeping-suit COUNT= 0	spending-money COUNT= 0	standing-ground COUNT= 0
slip-coach COUNT= 0	spinning-wheel steering-wheel COUNT= 1	standing-place sticking-place watering-place COUNT= 2
slip-knot COUNT= 0	spin-text COUNT= 0	standing-room writing_room COUNT= 1
slip-shoe COUNT= 0	spit-box workbox COUNT= 1	starting-point sticking-point COUNT= 1
smelling_salt COUNT= 0	spit-fire COUNT= 0	starting-post COUNT= 0
smoke-house COUNT= 0	spoil-sport COUNT= 0	steering-wheel COUNT= 0
smoke-room wash-room COUNT= 1	springboard COUNT= 0	stewing-steak COUNT= 0
smoking_room standing-room waiting-room writing_room COUNT= 3	spy_plane COUNT= 0	sticking-place COUNT= 0
sneak-thief COUNT= 0	spy_satelite COUNT= 0	sticking-plaster COUNT= 0
sneeze-box spit-box workbox COUNT= 2	spy-dust COUNT= 0	sticking-point COUNT= 0
sneeze-weed stinkweed COUNT= 1	spy-glass COUNT= 0	stickjaw COUNT= 0
sneeze-wood	spy-hole COUNT= 0	stinkhorn COUNT= 0
	spy-tower COUNT= 0	stinkstone whetstone COUNT= 1
	spy-window	

stinkweed COUNT= 0	swingboat COUNT= 1	COUNT= 0
stink-bird COUNT= 0	surf-canoe COUNT= 0	thrust-hoe COUNT= 0
stink-bomb COUNT= 0	swear-word COUNT= 0	toasting-fork COUNT= 0
stink-wood COUNT= 0	sweep-net COUNT= 0	touch-screen COUNT= 0
stop-gap stop-gap COUNT= 1	swell-fish COUNT= 0	touring-car COUNT= 0
stop-gap COUNT= 0	swell-shark COUNT= 0	tracing_paper writing-paper COUNT= 1
stop-watch COUNT= 0	swimming-pond COUNT= 0	try-pit COUNT= 0
stumbling-block COUNT= 0	swimming-pool watering-pool COUNT= 1	tuning-fork COUNT= 0
stumbling-stone wishing-stone COUNT= 1	swimsuit COUNT= 0	turncoat COUNT= 0
sucking-bottle COUNT= 0	swingboat COUNT= 0	turnkey COUNT= 0
sucking-pig COUNT= 0	swingtree COUNT= 0	turnskin COUNT= 0
suck-bottle COUNT= 0	swing-bridge COUNT= 0	turn-bridge COUNT= 0
suck-egg COUNT= 0	swing-door COUNT= 0	turn-penny COUNT= 0
suck-fish swell-fish COUNT= 1	teaching_hospital COUNT= 0	turn-screw COUNT= 0
suck-thumb COUNT= 0	thrashing-floor COUNT= 0	turn-table work-table COUNT= 1
surfing-board washing-board COUNT= 1	thrashing-machine COUNT= 0	waiting-list COUNT= 0
surf-board COUNT= 0	throwing-stick walking-stick COUNT= 1	waiting-room writing_room COUNT= 1
surf-boat	throw-stick	wait-list COUNT= 0
		walking_boot

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COUNT= 0	washing-powder COUNT= 0	watch-tower COUNT= 0
walking-cane COUNT= 0	washing-soda COUNT= 0	watering-can COUNT= 0
walking-day washing-day COUNT= 1	wash-ball COUNT= 0	watering-cart COUNT= 0
walking-fish COUNT= 0	wash-basin COUNT= 0	watering-place COUNT= 0
walking-gentleman COUNT= 0	wash-bowl COUNT= 0	watering-pool COUNT= 0
walking-lady COUNT= 0	wash-cloth COUNT= 0	watering-pot COUNT= 0
walking-part COUNT= 0	wash-day work-day COUNT= 1	weeping-birch COUNT= 0
walking-shoe COUNT= 0	wash-house COUNT= 0	weeping-elm COUNT= 0
walking-staff COUNT= 0	wash-maid COUNT= 0	weeping-tree wishing-tree COUNT= 1
walking-stick COUNT= 0	wash-man workman COUNT= 1	weeping-willow COUNT= 0
walking-toad COUNT= 0	wash-pool COUNT= 0	weighing-machine COUNT= 0
wander-year COUNT= 0	wash-pot COUNT= 0	whetstone COUNT= 0
warming-pan COUNT= 0	wash-room workroom COUNT= 1	wishing-bone COUNT= 0
washing_cream COUNT= 0	wash-tub COUNT= 0	wishing-cap COUNT= 0
washing-blue COUNT= 0	wash-woman work-woman COUNT= 1	wishing-gate COUNT= 0
washing-board COUNT= 0	watchman workman COUNT= 1	wishing-stone COUNT= 0
washing-day working-day COUNT= 1	washing-house COUNT= 0	wishing-tree COUNT= 0
washing-house COUNT= 0	watch-dog COUNT= 0	wishing-well COUNT= 0
washing-machine COUNT= 0		wish-bone COUNT= 0

workbag COUNT= 0	workman COUNT= 0	writing-paper COUNT= 1
workbasket COUNT= 0	workroom COUNT= 0	wringing-machine COUNT= 0
workbench COUNT= 0	workshop COUNT= 0	writing_room COUNT= 0
workbox COUNT= 0	work-day COUNT= 0	writing_book COUNT= 0
workhorse COUNT= 0	work-fellow COUNT= 0	writing_desk COUNT= 0
working-class COUNT= 0	work-mate COUNT= 0	writing_ink COUNT= 0
working-day COUNT= 0	work-people COUNT= 0	writing_master COUNT= 0
working-man COUNT= 0	work-table COUNT= 0	writing_paper COUNT= 0
working-woman COUNT= 0	work-woman COUNT= 0	writing_table COUNT= 0
	wrapping-paper	

### **2.6.2.2 Minimalni parovi u srpskohrvatskom jeziku**

#### **2.6.2.2.1 Relacije, leksička i relaciona obeležja ilustrovana minimalnim parovima u srpskohrvatskom jeziku**

Rezultati su prikazani u Tabeli 2.3.

#### **2.6.2.2.2 Zadatak 1 - izlazni podaci**

Opis algoritma i zadatka je dat u 2.5.2.1, 2.5.2.3 i 2.5.2.3.1.

Izlazni podaci su dati u celini. U svakoj pojedinoj grupi minimalnih parova prva reč u grupi čini minimalni par sa bilo kojom narednom reči u grupi. Broj koji se nalazi na kraju grupe odgovara broju minimalnih parova. Srpska slova: š, ž, č i đ su kodovana kao: sh, zz, cc, ch i dz.

#### **2.6.2.2.3 Zadatak 2 - izlazni podaci**

Opis algoritma i zadatka je dat u 2.5.2.1, 2.5.2.3 i 2.5.2.3.2.

Izlazni podaci su dati u celini. U svakoj pojedinoj grupi minimalnih parova prva reč u grupi čini minimalni par sa bilo kojom narednom reči u grupi. Broj koji se nalazi na kraju grupe odgovara broju minimalnih parova.

#### **2.6.2.2.4 Zadatak 3 - izlazni podaci**

Opis algoritma i zadatka je dat u 2.5.2.1, 2.5.2.3 i 2.5.2.3.3.

Izlazni podaci su dati u celini. U svakoj pojedinoj grupi minimalnih parova prva reč u grupi čini minimalni par sa bilo kojom narednom reči u grupi. Broj koji se nalazi na kraju grupe odgovara broju minimalnih parova.

#### **2.6.2.2.5 Zadatak 4 - izlazni podaci**

Opis algoritma i zadatka je dat u 2.5.2.1, 2.5.2.3 i 2.5.2.3.4.

Izlazni podaci su dati u celini. U svakoj pojedinoj grupi minimalnih parova prva reč u grupi čini minimalni par sa bilo kojom narednom reči u grupi. Broj koji se nalazi na kraju grupe odgovara broju minimalnih parova.

**Tabela 2.3 Relacije, leksička i relaciona obeležja ilustrovana minimalnim parovima u srpskohrvatskom jeziku**

RACIJE		
Agens	+	kitolovac
Agens	-	kitolovac
Agens	+	ribolovac
Agens	-	kitolovac
Instrument1	+	vetrobran
Instrument1	-	domobran

Instrument1	+	<b>blatobran</b>
Instrument1	-	<b>biljobran</b>
Instrument2	+	<b>kitolovac</b>
Instrument2	-	<b>ribolovac</b>
Instrument2	+	<b>rukomet</b>
Instrument2	-	<b>vatromet</b>
Instrument3	+	<b>ledolomac</b>
Instrument3	-	<b>brakolomac</b>
Instrument3	+	<b>biljobran</b>
Instrument3	-	<b>domobran</b>
Objekt	+	<b>domobran</b>
Objekt	-	<b>suncobran</b>
Objekt	+	<b>gasovod</b>
Objekt	-	<b>cevovod</b>
Faktitiv	+	<b>zakonopisac</b>
Faktitiv	-	<b>zakonodavac</b>
Faktitiv	+	<b>zlotvor</b>
Faktitiv	-	<b>zloslut</b>
Pacijens	+	<b>mrzisvet</b>
Pacijens	-	<b>bežisvet</b>
Pacijens	+	<b>miroljubac</b>
Pacijens	-	<b>mirotvorac</b>
Izvor	+	<b>smrdibuba</b>
Izvor	-	<b>strizibuba</b>
Izvor	+	<b>bežisvet</b>
Izvor	-	<b>mrzisvet</b>
Cilj	+	<b>bogomoljac</b>
Cilj	-	<b>bogobojac</b>
Cilj	+	<b>mrzisvet</b>
Cilj	-	<b>bežisvet</b>
Posesor	+	<b>zemljodržac</b>
Posesor	-	<b>zemljodelac</b>
Posesor	+	<b>zemljoposednik</b>
Posesor	-	<b>zemljoradnik</b>
Posed	+	<b>zemljodržac</b>
Posed	-	<b>zemljodelac</b>
Posed	+	<b>vlastodržac</b>
Posed	-	<b>silodržac</b>
Socijativ	+	<b>pevidrug</b>
Socijativ	-	<b>0</b>
Socijativ	+	<b>plačidrug</b>
Socijativ	-	<b>0</b>

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Mesto	+	čelovoda
Mesto	-	četovoda
Mesto	+	sudopera
Mesto	-	sudopera
Vreme	+	spomen-dan
Vreme	-	spomen-ploča
Vreme	+	listopad
Vreme	-	vodopad
<b>LEKSIČKO OBELEŽJE GLAGOLA</b>		
Agentivan	+	zemljopis
Agentivan	-	zemljotres
Agentivan	+	bežisvet
Agentivan	-	mrzisvet
<b>RELACIONA OBELEŽJA</b>		
Kontrolor	+	drvocep
Kontrolor	-	drvocep
Kontrolor	+	crvotoč
Kontrolor	-	vinotoč
Kontrolirani	+	knjigotoč
Kontrolirani	-	crvotoč
Kontrolirani	+	vlastodržac
Kontrolirani	-	silodržac
Uzrok	+	blatobran
Uzrok	-	biljobran
Uzrok	+	jadomor
Uzrok	-	čedomor
Efekt	+	dobrotvor
Efekt	-	rukotvor
Efekt	+	čudotvor
Efekt	-	umotvor
Izvor	+	smrdibuba
Izvor	-	strizibuba
Izvor	+	bežisvet
Izvor	-	mrzisvet
Cilj	+	zemljovod
Cilj	-	cevovod
Cilj	+	bogoljubac
Cilj	-	bogobojac
Aktivan	+	bogopsovac
Aktivan	-	bogomrzac
Aktivan	+	drvogriz
Aktivan	-	drvvoljub

Pasivan	+	vlastodržac
Pasivan	-	vlastodavac
Pasivan	+	miroljubac
Pasivan	-	mirotvorac
Afektor	+	jedibaba
Afektor	-	smrdibaba
Afektor	+	tužibaba
Afektor	-	visibaba
Afektirani	+	zemljotres
Afektirani	-	zemljovod
Afektirani	+	konjoder
Afektirani	-	konjoljub
Mesto	+	bogo-molja
Mesto	-	bogo-molja
Mesto	+	čelovoda
Mesto	-	četovoda
Vreme	+	listopad
Vreme	-	vodopad
Vreme	+	kolovoz
Vreme	-	kolovoz
<b>MARKERI KAO OBELEŽJA</b>		
Svrha	+	mamipara
Svrha	-	mamipara
Svrha	+	tedolomac
Svrha	-	brakolomac
Habitualnost	+	deriklupa
Habitualnost	-	derikoža
Habitualnost	+	vodonoša
Habitualnost	-	glavonoša
Habitualnost &	+	derikoža
Profesija	-	derikoža
Habitualnost &	+	pismonoša
Profesija	-	bakcilonoša
Vrsta	+	kažiput
Vrsta	-	kažiprst
Vrsta	+	biljojed
Vrsta	-	žabojed

**2.6.2.2.2 Lista minimalnih parova (Zadatak 1 - izlazni podaci)**

bezzisvet	gonivetar	COUNT= 1
COUNT= 0	COUNT= 0	
		gulikozza
busogrudadzija	grizodushje	COUNT= 0
COUNT= 0	COUNT= 0	
		gulivrat
ccushkapa	gubidan	COUNT= 0
COUNT= 0	COUNT= 0	
		heft-mashina
cepidlaka	gubidusha	COUNT= 0
COUNT= 0	COUNT= 0	
		ispichasha
chistikucca	gubivremenka	COUNT= 0
COUNT= 0	COUNT= 0	
		ispichutura
derigusha	gubodusha	COUNT= 0
deriklupa	COUNT= 0	
derikozza	gubodushnica	izjedipogacha
COUNT= 2	gubodushnica	COUNT= 0
deriklupa	COUNT= 1	jedibaba
COUNT= 0		COUNT= 0
	gubodushnica	
derikozza	COUNT= 0	kazziprst
COUNT= 0		kazziput
	gubodushnik	kazziput
dizzinos	COUNT= 0	kazzivetar
COUNT= 0		COUNT= 3
	gulibrada	
gazivoda	gulikozza	kazziput
COUNT= 0	gulikozza	kazziput
	COUNT= 2	kazzivetar
gladibrk		COUNT= 2
COUNT= 0	gulibradina	
	COUNT= 0	kazziput
gladikosa	gulikoshtvo	COUNT= 0
COUNT= 0	COUNT= 0	
		kazzivetar
glodjikorica	gulikozza	COUNT= 0
COUNT= 0	gulikozza	
		keshboj

COUNT= 0		
kesizub	lizzilonac	mutivoda
COUNT= 0	COUNT= 0	COUNT= 0
kezizub	lizzisahan	naliv-pero
COUNT= 0	COUNT= 0	COUNT= 0
klimoglav	lizzisahanka	pak-papir
COUNT= 0	COUNT= 0	COUNT= 0
klimoglavac	lozz-ulje	palidrvce
COUNT= 0	COUNT= 0	COUNT= 0
kljujdrvo	luftiguz	palikucca
COUNT= 0	COUNT= 0	COUNT= 0
kopir-centar	mamipara	pazikucca
COUNT= 0	mamipara	COUNT= 0
	COUNT= 1	
		pevidrug
kradikesa	mamipara	COUNT= 0
COUNT= 0	COUNT= 0	
kradikonjica	mastibrk	pirivatra
COUNT= 0	COUNT= 0	COUNT= 0
kradikoza	mlatipara	plachidrug
COUNT= 0	COUNT= 0	COUNT= 0
krivikapa	mlatishuma	plachidruga
COUNT= 0	COUNT= 0	COUNT= 0
kudibaba	mlatislama	probgora
COUNT= 0	COUNT= 0	COUNT= 0
kupimrvichar	mrzisvet	probisvet
COUNT= 0	COUNT= 0	COUNT= 0
letivetar	mutikasha	push-pauza
COUNT= 0	COUNT= 0	COUNT= 0
letizzaba	mutimir	putokaz
COUNT= 0	COUNT= 0	COUNT= 0

raspikucca	smrdibuba	tecikucca
COUNT= 0	smrdivrana	COUNT= 0
	COUNT= 1	
raspikuccstvo		trniguz
COUNT= 0	smrdivrana	COUNT= 0
	COUNT= 0	
razbibriga		tuzzibaba
COUNT= 0	smrdovrana	COUNT= 0
	COUNT= 0	
razbiguz		vezzikesa
COUNT= 0	smrdovranka	COUNT= 0
	COUNT= 0	
razvigor		visibaba
COUNT= 0	spomen-dan	COUNT= 0
	COUNT= 0	
razvigorac		visistarac
COUNT= 0	spomen-knjiga	COUNT= 0
	COUNT= 0	
rushimir		vrtiguz
COUNT= 0	spomen-kosturnica	COUNT= 0
	COUNT= 0	
secikesa		vrtiguza
COUNT= 0	spomen-plocha	COUNT= 0
	COUNT= 0	
shorkapa		vrtikapa
COUNT= 0	strizibuba	COUNT= 0
	COUNT= 0	
skochibuba		vrtirep
skochidevojka		COUNT= 0
COUNT= 1	strizzibuba	
	COUNT= 0	
skochidevojka		vrtirepk
COUNT= 0	svrzikapa	COUNT= 0
	COUNT= 0	
smrdibaba		vrtoглавica
smrdibuba		COUNT= 0
smrdivrana		zametikavga
COUNT= 2	tarikamen	COUNT= 0
	COUNT= 0	
smrdibuba		zametkavga
smrdibuba		COUNT= 0
COUNT= 1	tarizdeľa	
	COUNT= 0	
		zametnikavga

COUNT= 0

zatrikucca

COUNT= 0

**2.6.2.2.3 Lista minimalnih parova (Zadatak 2 - izlazni podaci)**

bachvomer	sporonosha	bakrorez
COUNT= 0	toplonesha	drvorez
	vreconosha	ikonorez
badnjonosac	COUNT= 14	ledorez
knjigonosac		zlatorez
machonosac	bakljonosha	COUNT= 5
minonosac	glasenosha	
vodonosac	glavonosha	bakrorez
COUNT= 4	kljuchonosha	drvorez
	knjigonosha	ledorez
bakarerez	kopljenosha	COUNT= 2
bakarerez	machonosha	
bakrorez	mlekonosha	bakrorezac
drvorez	pismenosha	COUNT= 0
ikonorez	plodonosha	
ledorez	poshtonosha	bakrorezaonica
zlatorez	rogonosha	COUNT= 0
COUNT= 6	sporonosha	
	toplonesha	bakrorezar
bakarerez	vreconosha	COUNT= 0
bakrorez	COUNT= 14	bakrorezba
drvorez		COUNT= 0
ledorez	bakropis	
COUNT= 3	ikonopis	bakroreznica
bakarrezac	putopis	COUNT= 0
COUNT= 0	rukopis	
	shakopis	basnoljubac
bakcilonosha	zemljopis	vodoljubac
glasenosha	COUNT= 5	COUNT= 1
glavonosha	bakropisac	
kljuchonosha	basnopisac	basnopisac
knjigonosha	chlankopisac	kamenopisac
kopljenosha	firmopisac	zakonopisac
machonosha	ikonopisac	COUNT= 2
mlekonosha	stihopisac	
pismenosha	zakonopisac	basnotvorac
plodonosha	COUNT= 6	chudotvorac
poshtonosha	bakrorez	dobrotvorac
rogonosha		jezikotvorac

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mirotvorac	biljojed	bogobojac
rukotvorac	machkojed	COUNT= 0
zakonotvorac	zemljojed	
COUNT= 6	zmijojed	bogogrđnik
	zzabojed	COUNT= 0
bedrobolja	COUNT= 4	
COUNT= 0		bogohula
	biljojedac	COUNT= 0
benzinomer	zzabojedac	
COUNT= 0	COUNT= 1	bogohulac
		COUNT= 0
bichenosac	biljozzder	
machenosac	hlebozzder	bogohulitelj
COUNT= 1	krvozzder	COUNT= 0
	ljudozzder	
bichobija	ribozzder	bogohulnica
gochobija	svinjozzder	COUNT= 0
COUNT= 1	vatrozzder	
	zmijozzder	bogohulnik
biljober	zzabozzder	COUNT= 0
klasober	COUNT= 8	
kostober		bogohulstvo
vinober	biljozzderac	COUNT= 0
COUNT= 3	COUNT= 0	
		bogohval
biljobera	blagonosac	COUNT= 0
kostobera	knjigonosac	
vinobera	machonomosac	bogohvalka
COUNT= 2	minonomosac	COUNT= 0
	vodonosac	
biljobran	COUNT= 4	bogohvalstvo
blatobran		COUNT= 0
domobran	blatobran	
domobran	bokobran	bogoljub
kamenobran	brodobran	drvoljub
kishobran	domobran	vodoljub
ledobran	domobran	COUNT= 2
snegobran	grudobran	
suncobran	ledjobran	bogoljubac
vatrobran	mostobran	vodoljubac
vetrobran	rukobran	COUNT= 1
COUNT= 10	COUNT= 8	
		bogoljublje

COUNT= 0	bogopsovka	COUNT= 1
	COUNT= 0	
bogoljupstvo	bogozzalac	bratoprognanik
COUNT= 0	COUNT= 0	COUNT= 0
bogomolja	bokobran	bratoubica
bogomolja	domobran	COUNT= 0
bogomolja	domobran	bratoubistvo
COUNT= 2	kamenobran	COUNT= 0
bogomolja	kishobran	
bogomolja	ledobran	bremenosha
COUNT= 1	snegobran	machenosha
bogomolja	suncobran	COUNT= 1
COUNT= 0	vatrobran	
bogomolja	vetrobran	brkomaz
COUNT= 9		COUNT= 0
bogomoljac	brakolamac	brkovez
COUNT= 0	kamenolamac	knjigovez
bogomoljishte	ledolamac	COUNT= 1
COUNT= 0	COUNT= 2	
bogomoljka	brakolomka	brodobran
bogomoljka	COUNT= 0	domobran
COUNT= 1		domobran
bogomoljka	brakolomnica	kamenobran
COUNT= 0	COUNT= 0	kishobran
bogomoljka		ledobran
COUNT= 0		snegobran
bogomoljnik	brakolomnik	suncobran
COUNT= 0	COUNT= 0	vatrobran
bogomrzac	brakolomstvo	vetrobran
krstomrzac	COUNT= 0	COUNT= 9
COUNT= 1		
bogomrznik	bratoljublje	brodogradilac
COUNT= 0	COUNT= 0	COUNT= 0
bogopsovac	bratoljupstvo	brodogradilishte
COUNT= 0	COUNT= 0	COUNT= 0
bogopsovac	bratomrzac	brodograditelj
COUNT= 0	krstomrzac	COUNT= 0

brodogradjenje		COUNT= 0
COUNT= 0	bubolovac	
	buvolovac	buvolovac
brodogradnja	kitolovac	kitolovac
COUNT= 0	klasolovac	klasolovac
	minolovac	klasolovac
brodokovac	misholovac	medvedolovac
COUNT= 0	mravolovac	minolovac
	pticolovac	ribolovac
brodokovach	tunolovac	tunolovac
COUNT= 0	COUNT= 8	zmijolovac
		COUNT= 8
brodolum	bubomor	
COUNT= 0	chedomor	buvomor
	drvomor	chedomor
brodoplovje	glistomor	drvomor
COUNT= 0	jadomor	glistomor
	kozomor	jadomor
brodotesach	COUNT= 5	kozomor
COUNT= 0	bubozzder	COUNT= 5
brodovodja	hlebozzder	buvoskupljach
chelovodja	krvozzder	COUNT= 0
hrtovodja	ljudozzder	
kolovodja	ribozzder	cevovod
medovodja	svinjozzder	gasovod
stepchovodja	vatrozzder	jajovod
volovodja	zmijozzder	mlekovod
COUNT= 6	zzabozzder	mokraccovod
	COUNT= 8	munjovod
brodozavarivach		naftovod
COUNT= 0	budzenosac	parovod
	machenosac	plinovod
buboqed	COUNT= 1	suzovod
machkoqed		toplovod
zemljoqed	budzonosac	vetrovod
zmijoqed	knjigonosac	vodovod
zzabojed	machonosac	zemljovod
COUNT= 4	minonosac	zzuchovod
	vodonosac	COUNT= 14
buboqedac	COUNT= 4	
zzabojedac		chabronosha
COUNT= 1	buvoqedina	glasenosha

glavonosha	COUNT= 0	chovekoljubac
kljuchonosha		vodoljubac
knjigonosha	chetopek	COUNT= 1
kopljonosha	COUNT= 0	
machonosha		chovekomorstvo
mlekonosha	chelovodja	COUNT= 0
písmenosha	chetovodja	
plodonosha	horovodja	chovekomrzac
poshtonosha	hrтоводја	krstomrzac
rogonosha	kashikovodja	COUNT= 1
sporonosha	knjigovodja	
toplonoša	kolovodja	chudotvor
vreconosha	konjovodja	rukotvor
COUNT= 14	kranovodja	umotvor
	mashinovodja	COUNT= 2
chankoliz	medovodja	
COUNT= 0	poslovodja	chudotvorac
chankoliza	slepchovodja	pesmotvorac
COUNT= 0	volovodja	rukotvorac
	COUNT= 13	stihotvorac
chankolizac	chetovodja	COUNT= 3
COUNT= 0	hrтоводја	
	kolovodja	chudotvorka
chedomor	medovodja	stihotvorka
drvomor	slepchovodja	COUNT= 1
glistomor	volovodja	chudotvornik
jadomor	COUNT= 5	rukotvornik
klicomor		COUNT= 1
kozomor	chlankopisac	
mishomor	kamenopisac	chudotvorstvo
muvomor	zakonopisac	rukotvorstvo
COUNT= 7	COUNT= 2	COUNT= 1
chedomorac	chorbolok	chuturoispilac
kozomorac	vodolok	COUNT= 0
COUNT= 1	COUNT= 1	
chedomorka	chovekoljub	crvotoch
muvomorka	drvolutub	crvotok
COUNT= 1	vodoljub	drvotoch
	COUNT= 2	knjigotoch
chedoubica		vinotoch
		COUNT= 4

110 Distinktivna obeležja i minimalni parovi

	dangubdzija	dobrochinka
crvotchina	COUNT= 0	COUNT= 0
crvotok	dangubnica	dobrochinstvo
drvotoch	COUNT= 0	COUNT= 0
knjigotoch	dangubnjak	dobrochniteljica
vinotoch	COUNT= 0	COUNT= 0
COUNT= 3		
	deteubica	dobroljubac
dangubnik	COUNT= 0	vodoljubac
COUNT= 0	deteubistvo	COUNT= 1
daljinomer	COUNT= 0	dobroljublje
COUNT= 0	dimopija	COUNT= 0
daljnomer	jajopija	dobrotvor
COUNT= 0	medopija	rukotvor
daljomer	vodopija	umotvor
COUNT= 0	COUNT= 3	COUNT= 2
	djavolomoljac	dobrotvorac
dangub	COUNT= 0	pesmotvorac
COUNT= 0	dlakojed	rukotvorac
danguba	machkojed	stihotvorac
danguba	zemljojed	COUNT= 3
danguba	zmijojed	dobrotvorka
COUNT= 2	zzabojed	stihotvorka
	COUNT= 4	COUNT= 1
danguba		
danguba	dobrochinac	dobrotvorstvo
COUNT= 1	COUNT= 0	rukotvorstvo
		COUNT= 1
danguba	dobrochinilac	
COUNT= 0	COUNT= 0	domobran
		domobran
dangubac	dobrochinitelj	grudobran
COUNT= 0	COUNT= 0	kamenobran
		kishobran
dangubash	dobrochiniteljka	ledjobran
COUNT= 0	COUNT= 0	ledobran
		mostobran

*Distinktivna obeležja i minimalni parovi 111*

rukobran	COUNT= 1	COUNT= 0
snegobran		
suncobran	drvocep	drvokradac
vatrobran	COUNT= 0	COUNT= 0
vetrobran		
COUNT= 12	drvodelac	drvokradica
	rukodelac	COUNT= 0
domobran	COUNT= 1	
grudobran		drvolutub
kamenobran	drvodelj	knjigoljub
kishobran	COUNT= 0	konjoljub
ledjobran		zzenoljub
ledobran	drvodelja	COUNT= 3
mostobran	COUNT= 0	
rukobran		drvomer
snegobran	drvodeljac	COUNT= 0
suncobran	COUNT= 0	
vatrobran		drvomerstvo
vetrobran	drvodelje	COUNT= 0
COUNT= 11	COUNT= 0	
domoljub	drvodeljnica	drvomor
drvolutub	COUNT= 0	jadomor
vodoljub		klicomor
COUNT= 2	drvodeljstvo	kozomor
	COUNT= 0	mishomor
domoljubac		muvomor
vodoljubac	drvogriz	COUNT= 5
COUNT= 1	noktogriz	drvomora
	COUNT= 1	konjomora
domoljupka	drvojed	ljudomora
COUNT= 0	machkojed	zimomora
drvobushac	zemljojed	COUNT= 3
COUNT= 0	zmijojed	drvoprodavac
	zzabojed	COUNT= 0
drvocep	COUNT= 4	
drvocep		drvorez
drvocep	drvojedac	drvorez
COUNT= 2	zzabojedac	ledorez
	COUNT= 1	COUNT= 2
drvocep		
drvocep	drvjetka	drvorez

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ikonorez	zimosech	
ledorez	COUNT= 5	duhoborstvo
zlatorez		ikonoborstvo
COUNT= 3	drvosek	COUNT= 1
	letosech	
drvorezac	letosech	dushovadnica
COUNT= 0	zimosech	COUNT= 0
	COUNT= 3	
drvorezach		duhovidac
COUNT= 0	drvostruigar	COUNT= 0
	COUNT= 0	
drvorezanje		dushegub
COUNT= 0	drvotoch	COUNT= 0
	vinotoch	
drvorezar	COUNT= 1	dushegubac
COUNT= 0		COUNT= 0
	drvotocha	
drvorezba	vinotocha	dushegubnica
COUNT= 0	COUNT= 1	COUNT= 0
drvoreznica	drvotochac	dushegubnik
COUNT= 0	COUNT= 0	COUNT= 0
drvosecha	drvozzder	dushevadnica
drvosecha	hlébozzder	COUNT= 0
glavosecha	krvozzder	
glavosecha	ljudozzder	dushevadnik
gorosecha	ribozzder	COUNT= 0
COUNT= 4	svinjozzder	
	vatrozzder	dushabolja
drvosecha	zmijozzder	COUNT= 0
glavosecha	zzabozzder	
gorosecha	COUNT= 8	dushogubac
COUNT= 2		COUNT= 0
	drvozzderac	
drvosechac	COUNT= 0	dushovadnik
COUNT= 0		COUNT= 0
	dubinomer	
drvosek	COUNT= 0	firmopisac
drvosek		kamenopisac
glavosek	duhoborac	zakonopisac
letosech	ikonoborac	COUNT= 2
letosech	COUNT= 1	

gasovod	kliconosha	glavosechenje
zemljovod	kljuchonosha	COUNT= 0
COUNT= 1	knjigonosha	
	kopljonosha	glavosechje
gladomornica	krstonosha	COUNT= 0
zimomornica	krunonosha	
COUNT= 1	luchonosha	glavosek
	machonosha	letosech
glasonosha	mitronosha	letosech
glavonosha	mlekonosha	zimosech
grbonosha	pismonosha	COUNT= 3
hlebonosha	pivonosha	
ikonosha	plodonosha	glinokop
kliconosha	poshtonosha	COUNT= 0
krstonosha	rogonosha	
krunonosha	ruchkonosha	glistomor
luchonosha	skutonosha	jadomor
mitronosha	sporonosha	klicomor
pivonosha	sveconosha	kozomor
plodonosha	vatronosha	mishomor
rogonosha	venconosha	muvomor
ruchkonosha	vinonosha	COUNT= 5
skutonosha	vodonosha	
sporonosha	vreccenosha	gochobija
sveconosha	zakonosha	COUNT= 0
toplonoša	zastavonosha	
vatronosha	zdelonosha	gorosecha
venconosha	zlatonosha	gorosecha
vinonosha	COUNT= 31	COUNT= 1
vodonosha		
zakonosha	glavosecha	gorosecha
zastavonosha	glavosecha	COUNT= 0
zdelonosha	gorosecha	
zlatonosha	gorosecha	gorosechac
COUNT= 25	COUNT= 3	COUNT= 0
glavobolja	glavosecha	gostoljubac
COUNT= 0	gorosecha	vodoljubac
	COUNT= 1	COUNT= 1
glavonosha	glavosechac	gostoljublje
grbonosha	COUNT= 0	COUNT= 0
hlebonosha		
ikonosha		

## 114 Distinktivna obeležja i minimalni parovi

gostoprimeč	gushobolja	mesozzder
posloprimac	COUNT= 0	mravozzder
zajmoprimac		muvozzder
COUNT= 2	guskokradica	travozzder
	COUNT= 0	vatrozzder
gostoprimeštvo		zmijozzder
COUNT= 0	gustinomer	zmijozzder
	COUNT= 0	zrnozzder
gradonosac		COUNT= 12
knjigonosac	guzobris	
machonosac	COUNT= 0	hlebozzderka
minonosac		kukcozzderka
vodonosac	hladolezz	mesozzderka
COUNT= 4	hladolezz	zrnozzderka
	COUNT= 1	COUNT= 3
grbonosha		
kljuchonosha	hladolezz	horovodja
knjigonosha	kutolezz	hrtovodja
kopljonosha	COUNT= 1	kolovodja
machonosha		medovodja
mlekonosha	hlebojedja	slepchovodja
pismonosha	COUNT= 0	vołovodja
plodonosha		COUNT= 5
poshtonosha	hlebonosha	
rogonosha	kljuchonosha	hrtovodja
sporonosha	knjigonosha	kashikovodja
toplonoša	kopljonosha	knjigovodja
vreconosha	machonosha	konjovodja
COUNT= 12	mlekonosha	kranovodja
	pismonosha	mashinovodja
grudobolja	plodonosha	medovodja
COUNT= 0	poshtonosha	poslovodja
	rogonosha	COUNT= 7
grudobran		
kamenobran	sporonosha	iglodrkalo
kishobran	toplonoša	COUNT= 0
ledobran	vreccenosha	
snegobran	COUNT= 12	
suncobran	hlebozzder	ikonoborac
vatobran	insektozzder	COUNT= 0
vetrobran	jagodozzder	ikonoborstvo
COUNT= 7	kostozzder	COUNT= 0
	kukcozzder	

ikonopis	insektojed	pivopija
putopis	machkojed	srcopija
rukopis	zemljojed	vinopija
shakopis	zmijojed	vodopija
zemljopis	zzabojed	COUNT= 5
COUNT= 4	COUNT= 4	
		jajovod
ikonopisac	insektozzder	zemljovod
kamenopisac	krvozzder	COUNT= 1
zakonopisac	ljudozzder	
COUNT= 2	ribozzder	jamomerac
	svinjozzder	COUNT= 0
ikonopisanje	vatrozzder	jamomernik
COUNT= 0	zmijozzder	COUNT= 0
	zzabozzder	
ikonopoklonik	COUNT= 7	jetrobolja
COUNT= 0	istinoljubac	COUNT= 0
ikonopoklonstvo	vodoljubac	jezikotvorac
COUNT= 0	COUNT= 1	pesmotvorac
		rukotvorac
ikonorez	istinoljublje	stihotvorac
ledorez	COUNT= 0	COUNT= 3
COUNT= 1	jadomor	
ikonorushilac	klicomor	kamatoprimalac
COUNT= 0	kozomor	COUNT= 0
	mishomor	
ikonosha	muromor	kamenobran
kljuchonosha	COUNT= 4	ledjobran
knjigonosha		mostobran
kopljonosha	jagodozzder	rukobran
machonosha	krvozzder	COUNT= 3
mlekonosha	ljudozzder	
pisonosha	ribozzder	kamenodeljac
plodonosha	svinjozzder	COUNT= 0
poshtonosha	vatrozzder	
rogonosha	zmijozzder	kamenolom
sporonosha	zzabozzder	kamenolom
toplonoša	COUNT= 7	kamenolom
vreconosha		krstolom
COUNT= 12	jajopija	krstolom
		ledolom

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snegolom		rukobran
vetrolom	kamenopisac	COUNT= 3
vetrolom	stihopisac	
vratolom	zakonopisac	kishomer
vratolom	COUNT= 2	COUNT= 0
COUNT= 10		
	kamenorestvo	kitolov
kamenolom	COUNT= 0	COUNT= 0
kamenolom		
krstolom	kamenorezac	kitolovac
ledolom	COUNT= 0	kitolovac
snegolom		klasolovac
vetrolom	kamenorezach	medvedolovac
vetrolom	COUNT= 0	minolovac
vratolom		misholovac
vratolom	kamenoreznica	mravolovac
vratolom	COUNT= 0	pticolovac
COUNT= 9		ribolovac
	kamenotesar	zmijolovac
kamenolom	COUNT= 0	COUNT= 9
krstolom		
krstolom	kartodrpac	kitolovac
ledolom	COUNT= 0	klasolovac
snegolom		minolovac
vetrolom	kartogrizac	misholovac
vetrolom	COUNT= 0	mravolovac
vratolom		pticolovac
vratolom	kashikovodja	tunolovac
vratolom	kolovodja	COUNT= 6
COUNT= 9	medovodja	
	slepchovodja	kitolovishte
kamenolamac	volovodja	COUNT= 0
kostolamac		
ledolamac	COUNT= 4	
ledolamac		kitolovka
COUNT= 3	kesokradica	misholovka
	COUNT= 0	ribolovka
		COUNT= 2
kamenomet	kiselinomer	
nogomet	COUNT= 0	kitolovstvo
pushkomet		COUNT= 0
rukomet	kishobran	
vatromet	ledjobran	klaselovac
COUNT= 4	mostobran	COUNT= 0

COUNT= 0		kozzoder
klasober	kljuchonosha	kochkoder
kostober	krstonosha	machkoder
vinober	krunonosha	neboder
COUNT= 2	luchonosha	oblakoder
	mitronosha	strvoder
klasoberka	pivonosha	COUNT= 9
COUNT= 0	plodonosha	
	rogonosha	kmetoderstvo
klasolovac	ruchkonosha	COUNT= 0
medvedolovac	skutonosha	
minolovac	sporonosha	knjigokradica
misholovac	sveconosha	COUNT= 0
mravolovac	toplonoša	
pticolovac	vatronosha	knjigoljub
ribolovac	venconosha	vodoljub
tunolovac	vinonosha	COUNT= 1
zmijolovac	vodonosha	
COUNT= 8	zakonosha	knjigoljubac
	zastavonosha	vodoljubac
klicomor	zdelonosha	COUNT= 1
kozomor	zlatonosha	
COUNT= 1	COUNT= 20	knjigomrzac
		krstomrzac
kliconosha	klupoder	COUNT= 1
kljuchonosha	konjoder	
knjigonosha	konjoder	knjigonosac
kopljonosha	kozzoder	krstonosac
machonosha	kozzoder	krstonoshac
mlekonosha	kuchkoder	krunonosac
pismenosha	machkoder	minonosac
plodonosha	neboder	mironosac
poshtonosha	oblakoder	mitronosac
rogonosha	strvoder	skiptronosac
sporonosha	COUNT= 9	venconosac
toplonoša		vodonosac
vreconosha	klupodera	COUNT= 9
COUNT= 12	COUNT= 0	
		knjigonosha
kliconoshtvo	kmetoder	krstonosha
COUNT= 0	konjoder	krunonosha
	konjoder	luchonosha

mitronosha	kolovodja	kozzoder
pivonosha	medovodja	kozzoder
plodonosha	slepchovodja	kuchkoder
rogonosha	volvodja	machkoder
ruchkonosha	COUNT= 4	neboder
skutonosha		oblakoder
sporonosha	knjigovodjenje	strvoder
sveconosha	COUNT= 0	zzaboder
toplonosha		COUNT= 10
vatronosha	knjigovodstvo	
venconosha	COUNT= 0	konjoder
vinonosha		kozzoder
vodonosha	knjigovotkinja	kozzoder
zakonosha	COUNT= 0	neboder
zastavonosha		oblakoder
zdelonosha	kolomaz	zzaboder
zlatonosha	COUNT= 0	COUNT= 5
COUNT= 20		
	kolovodja	konjodrrzac
knjigotoch	konjovodja	pantalodrrzac
vinotoch	kranovodja	silodrrzac
COUNT= 1	mashinovodja	vlastodrrzac
	medovodja	zemljodrrzac
knjigovestvo	poslovodja	COUNT= 4
COUNT= 0	COUNT= 5	
		konjokradac
knjigovez	kolovodjica	COUNT= 0
konjovez	konjovodica	
COUNT= 1	COUNT= 1	konjokradica
		COUNT= 0
knjigovezac	kolovoz	
COUNT= 0	kolovoz	konjokradja
	COUNT= 1	COUNT= 0
knjigovezach	kolovoz	konjoljub
COUNT= 0	COUNT= 0	vodoljub
		COUNT= 1
knjigovezica	konjevodac	konjoljubac
COUNT= 0	COUNT= 0	vodoljubac
knjigoveznica	konjoder	COUNT= 1
COUNT= 0	konjoder	
knjigovodja	kozzoder	konjomora

zimomora	skutonosha	krvozzder
COUNT= 1	sporonosha	ljudozzder
	sveconosha	ribozzder
konjopoj	toplonosha	svinjozzder
vodopoj	vatronosha	vatrozzder
vodopoj	venconosha	zmijozzder
vodopoj	vinonosha	zzabozzder
COUNT= 3	vodonosha	COUNT= 7
	zakonosha	
konjotrzzac	zastavonosha	kotlogradnja
COUNT= 0	zdelonosha	COUNT= 0
	zlatonosha	
konjovez	COUNT= 20	kotlokRP
COUNT= 0		COUNT= 0
	koristoljubac	
konjovodac	vodoljubac	kotlokRPA
rukovidilac	COUNT= 1	COUNT= 0
volovodac		
volovodac	koristoljublje	kotlokRPAR
COUNT= 3	COUNT= 0	COUNT= 0
konjovodica	kosopadica	kozokradica
volovodica	COUNT= 0	COUNT= 0
COUNT= 1		
	kostober	kozomor
konjovodja	vinober	mishomor
medovodja	COUNT= 1	muvomor
slepchovodja		COUNT= 2
volovodja	kostobera	
COUNT= 3	vinobera	kozomorac
	COUNT= 1	ljudomorac
konjovodstvo	kostoberina	zzenomorac
COUNT= 0	COUNT= 0	COUNT= 2
kopljonosha		kozzoder
krstonosha	kostobolja	kozzoder
krunonosha	COUNT= 0	kozzoder
luchonosha		kuchkoder
mitronosha	kostolomac	machkoder
pivonosha	ledolomac	strvoder
plodonosha	COUNT= 1	zzaboder
rogonosha		COUNT= 6
ruchkonosha	kostozzder	

kuzzoder	volovodja	mlekonosha
kuzzoder	COUNT= 3	pisonosha
kuchkoder		plodonosha
machkoder	kravogojstvo	poshtonosha
neboder	COUNT= 0	rogonosha
oblakoder		sporonosha
strvoder	krivinomer	toplonoša
COUNT= 6	COUNT= 0	vreconosha
		COUNT= 9
kuzzoder	krstolom	
neboder	krstolom	krstonoshac
oblakoder	ledolom	machonosac
zzaboder	snegolom	minonosac
COUNT= 3	vetrolom	vodonosac
	vetrolom	COUNT= 3
kuzzoderac	vratolom	
kuzzoderac	vratolom	krstopoklonik
COUNT= 1	vratolom	COUNT= 0
	COUNT= 8	
kuzzoderac	krstolom	krtorovina
COUNT= 0	ledolom	COUNT= 0
kuzzodernica	snegolom	krtorovinjak
COUNT= 0	vetrolom	COUNT= 0
	vetrolom	
kuzzodera	vratolom	krunonosac
COUNT= 0	vratolom	machonosac
	vratolom	minonosac
kraljeubica	COUNT= 7	vodonosac
COUNT= 0	krstomrzac	COUNT= 3
kraljeubistvo	tiranomrzac	krunonosha
COUNT= 0	zzenomrzac	machonosha
	COUNT= 2	mlekonosha
kraljoubica		pisonosha
COUNT= 0	krstonosac	plodonosha
	machonosac	poshtonosha
kraljoubistvo	minonosac	rogonosha
COUNT= 0	vodonosac	sporonosha
	COUNT= 3	toplonoša
kranovodja		vreconosha
medovodja	krstonosha	COUNT= 9
slepchovodja	machonosha	

krvolicce	COUNT= 0	zemljojed
		zmijojed
		zzabojed
krvoliptanje	COUNT= 0	COUNT= 4
krvotok	COUNT= 0	kukcojedac
vodolok		zzabojedac
COUNT= 1		COUNT= 1
krvozzder		
krvomut	mesozzder	kukcozzder
COUNT= 0	mravozzder	ljudozzder
	muvozzder	ribozzder
krvomutnica	travozzder	svinjozzder
COUNT= 0	vatrozzder	vatrozzder
	zmijozzder	zmijozzder
krvomutnik	zmijozzder	zzabozzder
COUNT= 0	zrnozzder	COUNT= 6
	COUNT= 9	
krvomutnja	kuccehranitelj	kukcozzderac
COUNT= 0	COUNT= 0	COUNT= 0
krvopija	kuccepazitelj	kukcozzderka
medopija	COUNT= 0	COUNT= 0
vodopija	kuccepaziteljica	kukobolja
COUNT= 2	COUNT= 0	COUNT= 0
krvopijac	kuccepaziteljka	
COUNT= 0	COUNT= 0	
krvopilac	kuchkoder	kutolezz
COUNT= 0	neboder	COUNT= 0
	oblakoder	
	zzaboder	kutolezza
krvopilnica	COUNT= 3	COUNT= 0
COUNT= 0		
	kuglomer	suncobran
krvoprolicce	COUNT= 0	vatrobran
COUNT= 0		
	kukcojed	vetrobran
krvoprolitnica	machkojed	COUNT= 5
		ledobran
		mostobran

## 122 Distinkтивна обележја и минимални парови

rukobran		machenosac
COUNT= 2	ljudomorstvo	vencenosac
	COUNT= 0	COUNT= 1
ledolom		
snegolom	ljudozzder	machenosha
vetrolom	mesozzder	COUNT= 0
vratolom	mravozzder	
vratolom	muvozzder	machkoder
vratolom	travozzder	neboder
COUNT= 5	vatrozzder	oblakoder
	zmijozzder	zzaboder
ledolomac	zmijozzder	COUNT= 3
ledolomac	zrnozzder	
COUNT= 1	COUNT= 8	machkojed
ledolomac	ljudozzderstvo	medojed
COUNT= 0	COUNT= 0	mesojed
ledorez	loncoliz	mravojed
zlatorez	COUNT= 0	travojed
COUNT= 1		
	loncoper	zmijojed
letosech	sudoper	zmijojed
letosech	COUNT= 1	zrnojed
zimosech	loncopera	COUNT= 7
COUNT= 2	sudopera	machonosac
	sdopera	minonosac
letosech	sudopera	mironosac
COUNT= 0	sudopera	mitronosac
	COUNT= 3	skiptronosac
listopad	sdopera	venconosac
vodopad	luchonosha	vodonosac
COUNT= 1	machonosha	COUNT= 6
	mlekonosha	
lizguz	pisonosha	machonosha
COUNT= 0	plodonosha	mitronosha
	poshtonosha	pivonosha
ljudomora	rogonosha	plodonosha
zimomora	sporonosha	rogonosha
COUNT= 1	toplilonosha	ruchkonosha
	vreccenosha	skutonosha
ljudomorac	COUNT= 9	sporonosha
COUNT= 0		sveccenosha
		toplilonosha
		vatronosha

venconosha	mironosnica	metalobushach
vinonosha	COUNT= 1	COUNT= 0
vodonosha		
zakonosha	medovodja	metaloglodach
zastavonosha	poslovodja	COUNT= 0
zdelonosha	slepchovodja	
zlatonosha	volovodja	metalorendisach
COUNT= 17	COUNT= 3	COUNT= 0
marvogojac	medvedolovac	metalorezac
COUNT= 0	minolovac	COUNT= 0
	misholovac	
marvogojstvo	mravolovac	metalosavijach
COUNT= 0	pticolovac	COUNT= 0
	tunolovac	
mashinogradnja	COUNT= 5	minobach
COUNT= 0	mesojed	COUNT= 0
	zemljojed	minochistach
mashinovodja	zmijojed	COUNT= 0
medovodja	zzabojed	
slepchovodja	COUNT= 3	minolovac
volovodja	mesojedje	misholovac
COUNT= 3	COUNT= 0	mravolovac
	mesozzder	pticolovac
materoubica	ribozzder	ribolovac
COUNT= 0	svinjozzder	tunolovac
	vatrozzer	zmijolovac
materoubistvo	zmijozzder	COUNT= 6
COUNT= 0	zzabozzder	
	COUNT= 5	minolovka
rukovidilac	mesozzderac	misholovka
volovodac	COUNT= 0	ribolovka
volovodac	mesozzderka	COUNT= 2
COUNT= 3	COUNT= 0	minonosac
	mitronosac	
medojed	skiptronosac	
zemljojed	COUNT= 0	
zmijojed	metalobrusach	COUNT= 4
zzabojed	COUNT= 0	
COUNT= 3		minopolagach
medonosnica		

COUNT= 0	ribolovac	sporonosha
	tunolovac	sveconosha
miroljubac	zmijolovac	toplonosha
vodoljubac	COUNT= 3	vatronosha
COUNT= 1		venconosha
	misholovica	vinonosha
miroljubitelj	COUNT= 0	vodonosha
COUNT= 0		zakonosha
	misholovka	zastavonosha
miroljubiteljka	misholovka	zdelonosha
COUNT= 0	muvolovka	zlatonosha
	pacolovka	COUNT= 16
miroljublje	tunolovka	
COUNT= 0	COUNT= 4	mlekovod
		zemljovod
mironosac	misholovka	COUNT= 1
vodonosac	ribolovka	
COUNT= 1	COUNT= 1	medopija
		pivopija
mironosica	mishomor	srcopija
COUNT= 0	COUNT= 0	vinopija
		vodopija
mironosnica	mitronosac	COUNT= 4
COUNT= 0	vodonosac	
	COUNT= 1	mokraccovod
mirotvorac	mitronosha	zemljovod
pesmotvorac	mlekonosha	COUNT= 1
rukotvorac	pismonosha	
stihotvorac	plodonosha	moreplovac
COUNT= 3	poshtonosha	COUNT= 0
mirotvorka	rogonosha	moreplovstvo
stihotvorka	sporonosha	COUNT= 0
COUNT= 1	toplonosha	
	vreconosha	mostobran
mirotvorstvo	COUNT= 8	snegobran
rukotvorstvo	mlekonosha	suncobran
COUNT= 1	pivonosha	vatrobran
	plodonosha	vetrobran
mishojedina	rogonosha	COUNT= 4
COUNT= 0	ruchkonosha	
misholovac	skutonosha	muvomor
		COUNT= 0

mozgobolja	ribozzder	COUNT= 0
COUNT= 0	svinjozzder	
	vatrozzder	pacolovka
	zmijozzder	ribolovka
mravojed	zzabozzder	COUNT= 1
zemljojed	COUNT= 5	
zmijojed		pantalodrzzac
zzabojed	muzikrava	silodrzzac
COUNT= 3	COUNT= 0	vlastodrzzac
		zemljodrzzac
mravojedac	muzzoubica	COUNT= 3
zzabojedac	COUNT= 0	
COUNT= 1		parovod
	naftovod	zemljovod
mravolovac	zemljovod	COUNT= 1
ribolovac	COUNT= 1	
tunolovac		pechatorezac
zmijolovac	neboder	COUNT= 0
COUNT= 3	strvoder	
	zzaboder	pechatoreznica
mravozzder	COUNT= 2	COUNT= 0
ribozzder		
svinjozzder	noccobdija	pesmotvorac
vatrozzder	COUNT= 0	rukotvorac
zmijozzder		zakonotvorac
zzabozzder	nogomet	COUNT= 2
COUNT= 5	pushkomet	
	vatromet	pesmotvorstvo
mravozzderac	COUNT= 2	rukotvorstvo
COUNT= 0		COUNT= 1
	noktogriz	
munjovod	zzilogriz	pismonosha
zemljovod	COUNT= 1	pivonosha
COUNT= 1		plodonosha
	oblakoder	rogonosha
muvolovka	strvoder	ruchkonosha
ribolovka	zzaboder	skutonosha
COUNT= 1	COUNT= 2	sporonosha
		sveccenosha
muvomorka	oceubica	toplonoša
COUNT= 0	COUNT= 0	vatronosha
		venconosha
muvozzder	ochevidac	vinonosha

vodonosha		poslovodjstvo
zakonosha	plodozzderac	COUNT= 0
zastavonosha	COUNT= 0	
zdelonosha		poslovotkinja
zlatonosha	poljodelac	COUNT= 0
COUNT= 16	rukodelac	
	COUNT= 1	pravdoljubac
pivonosha		vadoljubac
plodonosha	poljodelka	COUNT= 1
poshtonosha	COUNT= 0	
rogonosha		pravobranitelj
sporonosha	poljodelstvo	COUNT= 0
toplonoša	rukodelstvo	
vrečconosha	COUNT= 1	pravdoljublje
COUNT= 6		COUNT= 0
	poshtonosha	
pivopija	rogonosha	pravobranilac
vodopija	ruchkonosha	COUNT= 0
COUNT= 1	skutonosha	
	sporonosha	prsobolja
plinomer	svečconosha	COUNT= 0
COUNT= 0	toplonoša	
	vatronosha	pticolovac
plinovod	venconosha	ribolovac
zemljovod	vinonosha	tunolovac
COUNT= 1	vodonosha	zmijolovac
	zakonosha	COUNT= 3
plodonosha	zastavonosha	
poshtonosha	zdelonosha	pushkomet
ruchkonosha	zlatonosha	rukomet
skutonosha	COUNT= 14	vatromet
svečconosha		COUNT= 2
toplonoša	poslodavac	
vatronosha	COUNT= 0	putopis
venconosha		rukopis
vinonosha	posloprimac	shakopis
vodonosha	COUNT= 0	COUNT= 2
vrečconosha		
zakonosha	poslovodja	ribokradica
zastavonosha	slepchovodja	COUNT= 0
zdelonosha	volovodja	
zlatonosha	COUNT= 2	ribolov
COUNT= 14		COUNT= 0

COUNT= 3		rukotvor
ribolovac		zlotvor
tunolovac	rudokop	COUNT= 1
COUNT= 1	COUNT= 0	rukotvorac
ribolovishte	rukobolja	stihotvorac
COUNT= 0	COUNT= 0	zakonotvorac
		COUNT= 2
ribolovka	rukobran	
tunolovka	snegobran	rukotvorina
COUNT= 1	suncobran	COUNT= 0
	vatrobran	
ribolovstvo	vetrobran	rukotvornik
COUNT= 0	COUNT= 4	zlotvornik
		COUNT= 1
ribozzder	rukodelac	
travozzder	zemljodelac	rukotvorstvo
vatrozzder	COUNT= 1	stihotvorstvo
zmijozzder		zakonotvorstvo
zmijozzder	rukodelja	COUNT= 2
zrnozzder	COUNT= 0	
COUNT= 5		rukoyodilac
rogonosha	rukodelstvo	volovodac
ruchkonosha	zemljodelstvo	volovodac
skutonosha	COUNT= 1	COUNT= 2
sveconosha	rukodrzach	savetodavac
toplonoša	COUNT= 0	COUNT= 0
vatronosha		
venconosha	rukohvat	semenovod
vinonosha	COUNT= 0	COUNT= 0
vodonosha		
vreccenosha	rukomet	semevod
zakonosha	vatromet	COUNT= 0
zastavonosha	COUNT= 1	
zdelonosha		senokos
zlatonosha	rukopis	senokos
COUNT= 13	zemljopis	COUNT= 1
	COUNT= 1	
ruchkonosha		senokos
sporonosha	rukosad	COUNT= 0
toplonoša	COUNT= 0	
vreccenosha		senokosha

128 Distinktivna obeležja i minimalni parovi

COUNT= 0	slanopadja	sporonosha
	COUNT= 0	sveconosha
shakopis		toplonoša
zemljopis	slavoljubac	vatronosha
COUNT= 1	vodoljubac	venconosha
	COUNT= 1	vinonosha
shtetochina		vodonosha
shtetochina	slepchovodja	vreconosha
COUNT= 1	COUNT= 0	zakonosha
		zastavonosha
shtetochina	slezinobolja	zdelonosha
COUNT= 0	COUNT= 0	zlatonosha
		COUNT= 11
shtetochinac	slobodoljubac	
COUNT= 0	vodoljubac	srcobolja
	COUNT= 1	COUNT= 0
shtetochinitelj	slobodoljublje	srcopija
COUNT= 0	COUNT= 0	vodopija
shtetochinstvo		COUNT= 1
COUNT= 0	slovolivac	srebroljubac
	COUNT= 0	vodoljubac
shumokradica	slovolivnica	COUNT= 1
COUNT= 0	COUNT= 0	
silodrzzac		stakloduvach
vlastodrzzac	slovoslagach	COUNT= 0
zemljodrzzac	COUNT= 0	
COUNT= 2		staklorezaczac
	snegobran	COUNT= 0
silomer	COUNT= 0	
COUNT= 0	snegolom	stakloreznica
	vetrolom	COUNT= 0
skiptronosac	vetrolom	
vodonosac	vratolom	stihoklepac
COUNT= 1	vratolom	COUNT= 0
	vratolom	
skutonosha	vratolom	stihoklepanje
sporonosha	COUNT= 5	COUNT= 0
toplonoša		
vreconosha	snegopadina	stihopisac
COUNT= 3	COUNT= 0	zakonopisac
		COUNT= 1

COUNT= 1

stihotvorac		svinjogojstvo
zakonotvorac	sudopera	COUNT= 0
COUNT= 1	COUNT= 0	
		svinjokolja
stihotvorka	sudoperka	COUNT= 0
COUNT= 0	COUNT= 0	
		svinjozzder
stihotvorstvo	sudopralja	travozzder
COUNT= 0	COUNT= 0	vatrozzder
		zmijozzder
strahovlada	suncobran	zmijozzder
COUNT= 0	COUNT= 0	zrnozzder
		COUNT= 5
strvoder	suncogled	takomer
zzaboder	COUNT= 0	COUNT= 0
COUNT= 1		
	suncokret	
strvodernica	COUNT= 0	tiranomrzac
COUNT= 0		COUNT= 0
	suncomer	
strvoderstvo	COUNT= 0	toplomer
COUNT= 0		COUNT= 0
	suzoprolicce	
strvozzderac	COUNT= 0	toplonosha
COUNT= 0		vatronosha
	suzotek	venconosha
sudoper	COUNT= 0	vinonosha
COUNT= 0		vodonosha
	suzovod	vreccenosha
sudopera	zemljovod	zakonosha
sudopera	COUNT= 1	zastavonosha
sudopera		zdelonosha
sudopera	sveccenosha	zlatonosha
COUNT= 3	toplilonosha	COUNT= 9
	vreccenosha	
sudopera	COUNT= 2	toplovod
sudopera		zemljovod
sudopera	sviloprelja	COUNT= 1
COUNT= 2	COUNT= 0	
		travoberica
sudopera	svinjogojac	COUNT= 0
sudopera	COUNT= 0	

130 Distinktivna obeležja i minimalni parovi

travojed		
zemljojed	ustobelja	vencenosac
zmijojed	COUNT= 0	COUNT= 0
zzabojed		
COUNT= 3	uvobolja	venconosac
	COUNT= 0	vodonosac
travozzder		COUNT= 1
vatrozzder	vatrobran	
zmijozzder	COUNT= 0	venconosha
zzabozzder		vreconosha
COUNT= 3	vatrogasac	COUNT= 1
	COUNT= 0	
trbobilja		vetrobitina
COUNT= 0	vatrogastvo	COUNT= 0
	COUNT= 0	
tunjolov		vetrobran
COUNT= 0	vatromet	COUNT= 0
	COUNT= 0	
tunolov		vetrogonica
COUNT= 0	vatrometach	COUNT= 0
	COUNT= 0	
tunolovac		vetrogonja
zmijolovac	vatrometnik	COUNT= 0
COUNT= 1	COUNT= 0	
		vetrogonjstvo
tunolovka	vatronosha	COUNT= 0
COUNT= 0	vreconosha	
	COUNT= 1	vetrogonstvo
ugljenokop	vatrozzder	COUNT= 0
COUNT= 0	zmijozzder	vetrokaz
uglomer	zrnazzder	COUNT= 0
COUNT= 0	zzabozzder	
	COUNT= 3	vetrolom
umobilja		vetrolom
COUNT= 0	vazduhoplov	vratolom
	COUNT= 0	vratolom
umotvor		vratolom
zlotvor	vazduhoplovstvo	COUNT= 4
COUNT= 1	COUNT= 0	
umotvorina	vazduhovplovac	vetrolom
COUNT= 0	COUNT= 0	vratolom
		vratolom

vratolom	COUNT= 0	COUNT= 1
COUNT= 3		
vetromer	vinoljubac	vlastoljublje
COUNT= 0	vodoljubac	COUNT= 0
	COUNT= 1	
vetromet	vinomer	vododerina
vetromet	COUNT= 0	COUNT= 0
COUNT= 1		vodokaz
vetromet	vinonosha	COUNT= 0
COUNT= 0	vreccenosha	
	COUNT= 1	vodolechilishte
vetrometina	vinopija	COUNT= 0
vetrometina	vodopija	vodolija
COUNT= 1	COUNT= 1	COUNT= 0
vetrometina	vinosrk	vodoljub
COUNT= 0	COUNT= 0	zzenoljub
		COUNT= 1
vetropir	vinotoch	vodoljubac
COUNT= 0	COUNT= 0	zlatoljubac
vetropirka	vinotocha	zzenoljubac
COUNT= 0	COUNT= 0	COUNT= 2
vetrovod	vinotochje	vodolok
zemljovid	COUNT= 0	vodolok
COUNT= 1		COUNT= 1
	visinomer	
vinober	COUNT= 0	vodolok
COUNT= 0		COUNT= 0
vinobera	vlastodavac	
COUNT= 0	COUNT= 0	vodomer
		COUNT= 0
vinoberje	vlastodavka	
COUNT= 0	COUNT= 0	vodonosac
		COUNT= 0
vinokradica	vlastodrzvac	vodonosha
COUNT= 0	COUNT= 0	vreccenosha
		COUNT= 1
vinolija	vlastoljubac	
	vodoljubac	

## 132 Distinkтивна обележја и минимални парови

vodoodvodnik	COUNT= 0	COUNT= 0
COUNT= 0		
	vodopoj	volovodac
vodopad	vodopoj	volovodac
COUNT= 0	vodopoj	COUNT= 1
	COUNT= 2	
vodopija		volovodac
vodopija	vodopoj	COUNT= 0
COUNT= 1	vodopoj	
	COUNT= 1	volovodica
vodopija		COUNT= 0
COUNT= 0	vodopoj	
	COUNT= 0	volovodja
vodopijac		COUNT= 0
COUNT= 0	vodopronalazzac	
	COUNT= 0	vratobolja
vodopilac		COUNT= 0
COUNT= 0	vodoskok	
	COUNT= 0	vratolom
vodoplav		vratolom
vodoplav	vodotechina	vratolom
vodoplav	COUNT= 0	COUNT= 2
COUNT= 2		
	vodotechje	vratolom
vodoplav	COUNT= 0	vratolom
vodoplav		COUNT= 1
COUNT= 1	vodotek	
	COUNT= 0	vratolom
vodoplav		COUNT= 0
COUNT= 0	vodotok	
	COUNT= 0	vratolomija
vodoplavina		COUNT= 0
vodoplavina	vodovod	
COUNT= 1	zemljovid	vratolomstvo
	COUNT= 1	COUNT= 0
vodoplavina		
COUNT= 0	vologonac	vrnopuc
	COUNT= 0	COUNT= 0
vodoplavje		
vodoplavje	vologonja	vrekconosha
COUNT= 1	COUNT= 0	zakonosha
		zastavonosha
vodoplavlje	vologonjac	zdelonosha

zlatonosha	COUNT= 0	
COUNT= 4		zemljoposednik
vunomer	COUNT= 0	COUNT= 0
		zemljoradnica
zajmodavac	COUNT= 0	COUNT= 0
		zemljoradnik
zajmodavstvo	COUNT= 0	COUNT= 0
		zemljoradnja
zajmoprimeč	COUNT= 0	COUNT= 0
		zemljotres
zajmoprimalac	COUNT= 0	COUNT= 0
		zemljovod
zajmotrazzac	COUNT= 0	COUNT= 1
		zzuchovod
zajmotrazzilac	COUNT= 0	COUNT= 1
		zemljodelac
zajmotrazzitelj	COUNT= 0	COUNT= 0
		zemljodelka
zakonodavac	COUNT= 0	COUNT= 0
		zemljodelstvo
zakonodavalac	COUNT= 0	COUNT= 0
		zimomora
zakonodavka	COUNT= 0	COUNT= 0
		zimomorje
zakonodavstvo	COUNT= 0	COUNT= 0
		zimomornica
zakonopisac	COUNT= 0	COUNT= 0
		zemljopis
zakonosha	COUNT= 0	COUNT= 0
		zemljoposednica

134 Distinkтивна обележја и минимални парови

COUNT= 0	zioslut	zlotvornica
	zloslut	COUNT= 0
zlatoljubac	COUNT= 1	
COUNT= 0		zlotvornik
	zloslut	COUNT= 0
zlatoljublje	COUNT= 0	
COUNT= 0		zlovidjenje
	zlosluta	COUNT= 0
zlatonosha	zlosluta	
COUNT= 0	zlosluta	zlozzelitelj
	COUNT= 2	COUNT= 0
zlatorez		
COUNT= 0	zlosluta	zmijojed
	zlosluta	zmijojed
zlatotkach	COUNT= 1	zrnojed
COUNT= 0		zzabojed
	zlosluta	COUNT= 3
zlatotopka	COUNT= 0	
COUNT= 0		zmijojed
	zloslutica	zzabojed
zlatovez	zloslutica	COUNT= 1
COUNT= 0	zloslutica	
	COUNT= 2	zmijojedina
zlatovezilja		COUNT= 0
COUNT= 0	zloslutica	
	zloslutica	zmijolovac
zlochin	COUNT= 1	COUNT= 0
COUNT= 0		
	zloslutica	zmijozzder
zlochinac	COUNT= 0	zmijozzder
COUNT= 0		zrnozzder
	zloslutnica	zzabozzder
zlochinitelj	COUNT= 0	COUNT= 3
COUNT= 0		
	zloslutnik	zmijozzder
zlochinka	COUNT= 0	zzabozzder
COUNT= 0		COUNT= 1
	zloslutnja	
zloslut	COUNT= 0	zrnojed
zloslut		zzabojed
zloslut	zlotvor	COUNT= 1
COUNT= 2	COUNT= 0	
		zrnojedac

zzabojedac	zverokradja	COUNT= 0
COUNT= 1	COUNT= 0	
		zzenoljublje
zrnozzder	zverokradstvo	COUNT= 0
zzabozzder	COUNT= 0	
COUNT= 1		zzenomorac
	zveroukrotitelj	COUNT= 0
zrnozzderac	COUNT= 0	
COUNT= 0		zzenomorstvo
	zzaboder	COUNT= 0
zrnozzderica	COUNT= 0	
COUNT= 0		zzenomrzac
	zzabogut	COUNT= 0
zrnozzderka	COUNT= 0	
COUNT= 0		zzilogriz
	zzabojed	COUNT= 0
zubobol	COUNT= 0	
COUNT= 0		zzilozzdera
	zzabojedac	COUNT= 0
zubobolja	COUNT= 0	
COUNT= 0		zzitoradja
	zzabozzder	COUNT= 0
zubochupach	COUNT= 0	
COUNT= 0		zzuchovod
	zzenoljub	COUNT= 0
zverokradica	COUNT= 0	
COUNT= 0		zzuchovodnik
	zzenoljubac	COUNT= 0

#### **2.6.2.2.4 Lista minimalnih parova (Zadatak 3 - izlazni podaci)**

bachvomer	bakrorez	bakrorez
COUNT= 0	COUNT= 2	
		COUNT= 2
badnjonosac	bakarorezac	bakropisac
COUNT= 0	bakropisac	bakrorezac
	COUNT= 1	
bakarorez		COUNT= 1
bakarorez	bakcilonosha	bakrorez
bakropis	COUNT= 0	bakrorez
bakrorez	bakljonosha	COUNT= 1
COUNT= 3	COUNT= 0	
bakarorez	bakropis	bakrorez
bakropis		COUNT= 0

	COUNT= 3	COUNT= 0
bakrorezac		bogohulac
COUNT= 0	biljobera	bogoljubac
	COUNT= 0	bogomoljac
bakrorezaonica		bogomrzac
COUNT= 0	biljobran	bogozzalac
	biljojed	COUNT= 4
bakrorezar	biljozzder	
COUNT= 0	COUNT= 2	bogohulitelj
bakrorezba	biljojed	COUNT= 0
COUNT= 0	COUNT= 0	bogohulnica
bakroreznica	biljojedac	COUNT= 0
COUNT= 0	COUNT= 0	bogohulnik
basnoljubac	biljozzder	bogomoljnik
basnopisac	COUNT= 0	bogomrznik
basnotvorac	biljozzderac	COUNT= 2
COUNT= 2	COUNT= 0	bogohulstvo
basnopisac	blagonosac	bogoljupstvo
COUNT= 0	COUNT= 0	COUNT= 1
basnotvorac	blatobran	bogohval
COUNT= 0	COUNT= 0	bogoljub
bedrobolja	bogobojac	COUNT= 1
COUNT= 0	bogohulac	bogohvalka
benzinomer	bogoljubac	bogomoljka
COUNT= 0	bogomoljac	bogopsovka
	bogomrzac	COUNT= 3
bichenosac	bogopsovac	bogohvalstvo
COUNT= 0	bogozzalac	bogoljupstvo
	COUNT= 6	COUNT= 1
bichobija	bogogrnik	bogoljub
COUNT= 0	bogomoljnik	COUNT= 0
biljober	bogomrznik	
biljobran	COUNT= 2	bogoljubac
biljojed		bogomoljac
biljozzder	bogohula	

bogopsovac	bogomrzac	COUNT= 0
COUNT= 2	bogopsovac	
	COUNT= 1	bratoproganik
bogoljublje	bogomrznik	COUNT= 0
COUNT= 0		
bogoljupstvo	bogopsovac	COUNT= 0
COUNT= 0	bogozzalac	bratoubistvo
bogomolja	COUNT= 1	COUNT= 0
bogomolja	bogopsovka	bremenosha
bogomolja	COUNT= 0	COUNT= 0
bogomolja	bogozzalac	brkomaz
bogomolja	COUNT= 0	COUNT= 0
COUNT= 1	bokobran	brkovez
bogomolja	COUNT= 0	COUNT= 0
COUNT= 0	brakolomac	brodobran
bogomoljac	COUNT= 0	brodolom
bogomrzac		COUNT= 1
bogopsovac	brakolomka	brodogradilac
bogozzalac	COUNT= 0	COUNT= 0
COUNT= 3	brakolomnica	
bogomoljishte	COUNT= 0	brodogradilishte
COUNT= 0	brakolomnik	COUNT= 0
bogomoljka	COUNT= 0	brodograditelj
bogomoljka		COUNT= 0
bogopsovka	brakolomstvo	brodogradjenje
COUNT= 2	COUNT= 0	brodoplovije
bogomoljka	bratoljublje	COUNT= 1
bogopsovka	COUNT= 0	brodogradnja
COUNT= 1	bratoljupstvo	brodovodja
bogomoljnik	bratoubistvo	COUNT= 1
bogomrznik	COUNT= 1	
COUNT= 1	bratomrzac	brodokovac
		COUNT= 0

	buvojedina	COUNT= 0
brodokovach	COUNT= 0	chetovodja
brodolum	buvolovac	COUNT= 0
COUNT= 0	COUNT= 0	chlankopisac
brodoplovjlje	buvomor	COUNT= 0
COUNT= 0	COUNT= 0	chorbolok
brodotesach	buvoskupljach	COUNT= 0
COUNT= 0	COUNT= 0	chovekoljub
brodovodja	cevovod	COUNT= 0
COUNT= 0	COUNT= 0	chovekoljubac
brodozavarivach	chabronosha	COUNT= 0
COUNT= 0	COUNT= 0	chovekomorstvo
buboqed	chankoliz	COUNT= 0
bubomor	COUNT= 0	chovekomrzac
COUNT= 1	chankoliza	COUNT= 0
buboqedac	COUNT= 0	chudotvor
bubolovac	chankolizac	COUNT= 0
COUNT= 1	COUNT= 0	chudotvorac
bubolovac	chedomor	COUNT= 0
COUNT= 0	COUNT= 0	chudotvorka
bubomor	chedomorac	COUNT= 0
bubozzder	COUNT= 0	chudotvornik
COUNT= 1	chedomorka	COUNT= 0
bubozzder	COUNT= 0	chudotvorstvo
COUNT= 0	chedoubica	COUNT= 0
budzenosac	COUNT= 0	chuturoispilac
COUNT= 0	chelopek	COUNT= 0
budzonosac	COUNT= 0	crvotoch
COUNT= 0	chelovodja	crvotok

COUNT= 1		
crvotochina	dangubnica	dobroljubac
COUNT= 0	COUNT= 0	dobrotvorac
	dangubnjak	COUNT= 1
crvotok	COUNT= 0	dobroljublje
COUNT= 0		COUNT= 0
	deteubica	
dangubnik	COUNT= 0	dobrotvor
COUNT= 0		COUNT= 0
	deteubistvo	
daljinomer	COUNT= 0	dobrotvorac
COUNT= 0		COUNT= 0
	dimopija	
daljnomer	COUNT= 0	dobrotvorka
COUNT= 0		COUNT= 0
	djavolomoljac	
daljomer	COUNT= 0	dobrotvorstvo
COUNT= 0		COUNT= 0
	dlakojed	
dangub	COUNT= 0	domobran
COUNT= 0		domobran
	dobrochinac	domoljub
danguba	dobroljubac	COUNT= 2
danguba	COUNT= 1	
danguba	dobrochinilac	domobran
COUNT= 2	COUNT= 0	domoljub
		COUNT= 1
danguba	dobrochinitelj	domoljub
danguba	COUNT= 0	COUNT= 0
COUNT= 1		
	dobrochiniteljka	domoljubac
danguba	COUNT= 0	COUNT= 0
COUNT= 0		
	dobrochinka	domoljupka
dangubac	COUNT= 0	COUNT= 0
COUNT= 0		
	dobrochinstvo	drvobushac
dangubash	COUNT= 0	drvodelac
COUNT= 0		drvodeljac
	dobrochniteljica	drvokradac
dangubdzija	COUNT= 0	drvoprodavac
COUNT= 0		

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drvarezac	COUNT= 11	drvomer
drvosechac		drvarez
COUNT= 6		drvorez
	drvodelac	drvosek
	drvoyedac	
drvocep	drvotochac	drvosek
drvocep	drvozzderac	COUNT= 6
drvocep	COUNT= 3	
drvodelj		drvoyed
drvolutub	drvodelj	drvolutub
drvomer	drvogriz	drvomer
drvarez	drvoyed	drvarez
drvarez	drvolutub	drvarez
drvosek	drvomer	drvosek
drvosek	drvomor	drvosek
COUNT= 9	drvarez	COUNT= 6
	drvarez	
drvocep	drvosek	drvoyedac
drvocep	drvotoch	drvokradac
drvodelj	drvozzder	drvoprodavac
drvogriz	COUNT= 10	drvarezac
drvoyed		drvosechac
drvolutub	drvodelja	COUNT= 4
drvomer	drvosecha	
drvomor	drvotocha	drvoyetka
drvarez	COUNT= 2	COUNT= 0
drvosek		
drvosek	drvodeljac	drvokradac
drvotoch	drvoyedac	drvotochac
drvozzder	drvotochac	drvozzderac
COUNT= 12	drvozzderac	COUNT= 2
	COUNT= 3	
drvocep		drvokradica
drvodelj	drvodelje	COUNT= 0
drvogriz	COUNT= 0	
drvoyed		drvolutub
drvolutub	drvodeljnica	drvomer
drvomer	COUNT= 0	drvomor
drvomor		drvarez
drvarez	drvodeljstvo	drvarez
drvarez	COUNT= 0	drvosek
drvosek		drvosek
drvotoch	drvogriz	drvotoch
drvozzder	drvolutub	drvozzder

COUNT= 8		COUNT= 4	drvotoch
drvomer	drvorezac	drvozzder	COUNT= 2
drvomor	drvotochac		
drverez	drvuzzderac	drvostrugar	COUNT= 0
drverez	COUNT= 2		
drvosek		COUNT= 0	
drvosek	drvorezach	drvotoch	COUNT= 0
drvotoch	COUNT= 0		
drvuzzder	drvorezanje	drvotocha	COUNT= 0
COUNT= 7	COUNT= 0		
drvomerstvo	drvorezar	drvotochac	COUNT= 0
COUNT= 0	COUNT= 0		
drvomor	drvorezba	drvuzzder	COUNT= 0
drverez	COUNT= 0		
drverez	drvoreznica	drvuzzderac	COUNT= 0
drvosek	COUNT= 0		
drvosek	drvosecha	dubinomer	COUNT= 0
COUNT= 4	drvosecha		
drvomora	drvotocha		
COUNT= 0	COUNT= 2	duhoborac	
drvoprodavac	drvosecha	duhovidac	
drvotochac	drvotocha	COUNT= 1	
drvuzzderac	COUNT= 1	duhoborstvo	
COUNT= 2	drvotocha	COUNT= 0	
drverez	COUNT= 1		
drverez	drvosechac	dushovadnica	
drvosek	drvotochac	COUNT= 0	
drvosek	drvuzzderac		
drvotoch	COUNT= 2	duhovidac	
drvuzzder	drvosek	COUNT= 0	
COUNT= 5	drvosek		
drverez	drvotoch	dushegub	
drvosek	drvuzzder	COUNT= 0	
drvosek	COUNT= 3		
drvotoch	drvosek	dushegubac	
drvuzzder	COUNT= 0		

	glavosecha	COUNT= 0
dushegubnica	glavosecha	
dushevadnica	COUNT= 2	gostoljublje
COUNT= 1		COUNT= 0
	glavosecha	
dushegubnik	glavosecha	gostoprimac
dushevadnik	COUNT= 1	COUNT= 0
COUNT= 1		
	glavosecha	gostoprimstvo
dushevadnica	COUNT= 0	COUNT= 0
COUNT= 0		
	glavosechac	gradonosac
dushevadnik	COUNT= 0	COUNT= 0
COUNT= 0		
	glavosechenje	grbonosha
dushobolja	COUNT= 0	COUNT= 0
COUNT= 0		
	glavosechje	grudobolja
dushogubac	COUNT= 0	COUNT= 0
COUNT= 0		
	glavosek	grudobran
dushovadnik	COUNT= 0	COUNT= 0
COUNT= 0		
	glinokop	gushobolja
firmopisac	COUNT= 0	COUNT= 0
COUNT= 0		
	glistomor	guskokradica
gasovod	COUNT= 0	COUNT= 0
COUNT= 0		
	gochobija	gustinomer
gladomornica	COUNT= 0	COUNT= 0
COUNT= 0		
	gorosecha	guzobris
glasenosha	gorosecha	COUNT= 0
COUNT= 0	COUNT= 1	
		hladolezz
glavobolja	gorosecha	hladolezz
glavonosha	COUNT= 0	COUNT= 1
glavosecha		
glavosecha	gorosechac	hladolezz
COUNT= 3	COUNT= 0	COUNT= 0
glavonosha	gostoljubac	hlebojedja

COUNT= 0		jezikotvorac
hlebonosha	ikonorez	COUNT= 0
COUNT= 0	COUNT= 0	kamatoprimalac
hlebozzder	ikonorushilac	COUNT= 0
COUNT= 0	COUNT= 0	kamenobran
hlebozzderka	ikonosha	kamenolom
COUNT= 0	COUNT= 0	kamenolom
horovodja	insektojed	kamenolom
COUNT= 0	COUNT= 0	kamenomet
hrtovodja	insektozzder	COUNT= 4
COUNT= 0	COUNT= 0	kamenodeljac
iglodrkalo	istinoljubac	kamenolom
COUNT= 0	COUNT= 0	kamenolom
ikonoborac	istinoljublje	kamenolom
ikonopisac	COUNT= 0	kamenomet
COUNT= 1	jadomor	COUNT= 3
ikonoborstvo	COUNT= 0	kamenolom
ikonopoklonstvo	jagodozzder	kamenolom
COUNT= 1	COUNT= 0	COUNT= 2
ikonopis	jajopija	kamenolom
ikonorez	COUNT= 0	kamenomet
COUNT= 1		COUNT= 1
ikonopisac	jajovod	kamenolomac
COUNT= 0	COUNT= 0	kamenopisac
ikonopisanje	jamomerac	COUNT= 1
COUNT= 0	COUNT= 0	kamenomet
ikonopoklonik	jamomernik	COUNT= 0
COUNT= 0	COUNT= 0	kamenopisac
ikonopoklonstvo	jetrobolja	kamenorezac
COUNT= 0	COUNT= 0	COUNT= 1

kamenorestvo		klupodera
COUNT= 0	kitolovac	COUNT= 0
	COUNT= 0	
kamenorezac		kmetoder
COUNT= 0	kitolovishte	COUNT= 0
	COUNT= 0	
kamenorezach		kmetoderstvo
COUNT= 0	kitolovka	COUNT= 0
	COUNT= 0	
kamenorecznica		knjigokradica
COUNT= 0	kitolovstvo	COUNT= 0
	COUNT= 0	
kamenotesar		knjigoljub
COUNT= 0	klaselovac	knjigotoch
	COUNT= 0	knjigovez
kartodrpac		COUNT= 2
COUNT= 0	klasober	knjigoljubac
	COUNT= 0	knjigonosac
kartogrizac		knjigovezac
COUNT= 0	klasoberka	COUNT= 2
	COUNT= 0	
kashikovodja		knjigomrzac
COUNT= 0	klasolovac	knjigonosac
	COUNT= 0	knjigovezac
kesokradica		COUNT= 2
COUNT= 0	klicomor	
	COUNT= 0	
kiselinomer		knjigonosac
COUNT= 0	kliconosha	COUNT= 0
	COUNT= 0	
kishobran		knjigonosha
kishomer		COUNT= 0
COUNT= 1	kliconoshtvo	
	COUNT= 0	
		knjigotoch
kishomer		knjigovez
COUNT= 0	klicozzder	COUNT= 1
	COUNT= 0	
kitolov		knjigovestvo
COUNT= 0	kljuchonosha	COUNT= 0
	COUNT= 0	
kitolovac		knjigovez
kitolovac		COUNT= 0
COUNT= 1	klupoder	
	COUNT= 0	

knjigovezac	COUNT= 0		konjopoj
			konjovez
		konjoder	COUNT= 1
knjigovezach	COUNT= 0	konjoder	
		konjoljub	konjotrzzac
		konjopoj	COUNT= 0
knjigovezica	COUNT= 0	konjovez	
		COUNT= 4	konjovez
			COUNT= 0
knjigoveznica	COUNT= 0	konjoder	
		konjoljub	konjovodac
		konjopoj	COUNT= 0
knjigovodja	COUNT= 0	konjovez	
		COUNT= 3	konjovodica
knjigovodenje	COUNT= 0	konjodrrzac	COUNT= 0
		konjoljubac	
		COUNT= 1	konjovodja
knjigovodstvo	COUNT= 0	konjokradac	COUNT= 0
		konjoljubac	konjovodstvo
knjigovotkinja	COUNT= 0	COUNT= 1	COUNT= 0
		konjokradica	
kolomaz		COUNT= 0	COUNT= 0
kolovoz			
kolovoz		konjokradja	koristoljubac
COUNT= 2		konjovodja	COUNT= 0
		COUNT= 1	
kolovodja		konjoljub	koristoljublje
COUNT= 0			COUNT= 0
		konjopoj	
kolovodjica		konjovez	kosopadica
COUNT= 0		COUNT= 2	COUNT= 0
kolovoz		konjoljubac	kostober
kolovoz		konjotrzzac	COUNT= 0
COUNT= 1		konjovodac	
		COUNT= 2	kostobera
kolovoz			COUNT= 0
COUNT= 0		konjomora	kostoberina
		COUNT= 0	
konjevodac			COUNT= 0

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kostobolja COUNT= 0	kozzoderac COUNT= 1	COUNT= 2
kostolomac COUNT= 0	kozzoderac COUNT= 0	krstonosac COUNT= 0
kostozzder COUNT= 0	kozzodernica COUNT= 0	krstonosha COUNT= 0
kotlogradnja COUNT= 0	kozzodera COUNT= 0	krstonoshac COUNT= 0
kotlokrp COUNT= 0	kraljeubica COUNT= 0	krstopoklonik COUNT= 0
kotlokropa COUNT= 0	kraljeubistvo COUNT= 0	krtorovina COUNT= 0
kotlokpar COUNT= 0	kraljoubica COUNT= 0	krtorovinjak COUNT= 0
kozokradica COUNT= 0	kraljoubistvo COUNT= 0	krunonosac COUNT= 0
kozomor COUNT= 0	kranovodja COUNT= 0	krunonosha COUNT= 0
kozomorac COUNT= 0	kravogojstvo COUNT= 0	krvolicce krvoliptanje COUNT= 1
kozzoder kozzoder kozzoder COUNT= 2	krivinomer COUNT= 0	krvoliptanje krvoprolicce COUNT= 1
	krstolom krstolom COUNT= 1	krvolok krvotok COUNT= 1
kozzoder kozzoder COUNT= 1	krstolom COUNT= 0	krvomut krvotok COUNT= 1
kozzoder COUNT= 0	krstomrzac krstonosac	
kozzoderac	krstonoshac	krvomutnica

COUNT= 0	kuccepazitelj	ledolom
COUNT= 0	COUNT= 0	ledorez
krvomutnik	kuccepaziteljica	COUNT= 2
COUNT= 0	COUNT= 0	ledolom
krvomutnja	kuccepaziteljka	COUNT= 0
krvopija	COUNT= 0	ledolomac
COUNT= 1	COUNT= 0	ledolomac
krvopija	kuchkoder	COUNT= 1
COUNT= 0	COUNT= 0	ledolomac
krvopijac	kuglomer	COUNT= 0
COUNT= 0	COUNT= 0	ledorez
krvopilac	kukcojed	COUNT= 0
COUNT= 0	COUNT= 0	letosech
krvopilica	kukcojedac	letosech
COUNT= 0	COUNT= 0	COUNT= 1
krvopilnica	kukcozzder	letosech
COUNT= 0	COUNT= 0	COUNT= 0
krvoprolicce	kukcozzderac	listopad
COUNT= 0	COUNT= 0	COUNT= 0
krvoprolitnica	kukcozzderaka	lizguz
COUNT= 0	COUNT= 0	COUNT= 0
krvoprolitnik	kukkobolja	ljudomora
COUNT= 0	COUNT= 0	COUNT= 0
krvotok	kutolezz	ljudomorac
krvozzder	COUNT= 0	COUNT= 0
COUNT= 1	kutolezza	ljudomorstvo
krvozzder	COUNT= 0	COUNT= 0
kuccehranitelj	ledjobran	ljudozzder
COUNT= 0	COUNT= 0	COUNT= 0
	ledobran	ljudozzderstvo

COUNT= 0

	mashinovodja	metalobushach
loncoliz	COUNT= 0	COUNT= 0
loncoper		
COUNT= 1	materoubica	metaloglodach
	COUNT= 0	COUNT= 0
loncoper		
COUNT= 0	materoubistvo	metalorendisach
	COUNT= 0	COUNT= 0
loncopera		
COUNT= 0	mazgovodac	metalorezac
	COUNT= 0	COUNT= 0
luchonosha		
COUNT= 0	medojed	metalosavijach
	COUNT= 0	COUNT= 0
machenosac		
COUNT= 0	medonosnica	minobacach
	COUNT= 0	COUNT= 0
machenosha		
COUNT= 0	medovodja	minochistach
	medopija	COUNT= 0
machkoder		
machkojed		minolovac
COUNT= 1	medvedolovac	COUNT= 0
	COUNT= 0	
machkojed		
COUNT= 0	mesojed	minolovka
	COUNT= 0	COUNT= 0
machonosac		
COUNT= 0	mesojedje	minonosac
	COUNT= 0	COUNT= 0
machonosha		
COUNT= 0	mesozzder	minopolagach
	COUNT= 0	COUNT= 0
marvogojac		
COUNT= 0	mesozzderac	miroljubac
	COUNT= 0	mironosac
marvogojstvo		
COUNT= 0	mesozzderka	mirotvorac
	COUNT= 0	COUNT= 2
mashinogradnja		
mashinovodja	metalobrusach	miroljubitelj
COUNT= 1	COUNT= 0	COUNT= 0
		miroljubiteljka

COUNT= 0	mitronosac	mravozzder
	COUNT= 0	COUNT= 0
miroljublje		
COUNT= 0	mitronosha	mravozzderac
	COUNT= 0	COUNT= 0
mironosac		
mirotvorac	mlekonosha	munjovod
COUNT= 1	COUNT= 0	COUNT= 0
mironosica	mlkovod	muvolovka
COUNT= 0	COUNT= 0	muvomorka
		COUNT= 1
mironosnica	medopija	muvomorka
COUNT= 0	COUNT= 0	COUNT= 0
mirotvorac	mokraccovod	muvozzder
COUNT= 0	COUNT= 0	COUNT= 0
mirotvorka	moreplovac	muzikrava
COUNT= 0	COUNT= 0	COUNT= 0
mirotvorstvo	moreplovstvo	muzzoubica
COUNT= 0	COUNT= 0	COUNT= 0
mishojedina	mostobran	naftovod
COUNT= 0	COUNT= 0	COUNT= 0
misholovac	muvozmor	neboder
COUNT= 0	muvozzder	COUNT= 0
	COUNT= 1	
misholovica		
COUNT= 0	mozgobolja	noccobdija
	COUNT= 0	COUNT= 0
misholovka		
misholovka	mravojed	nogomet
COUNT= 1	COUNT= 0	COUNT= 0
misholovka	mravojedac	noktogriz
COUNT= 0	COUNT= 0	COUNT= 0
mishomor	mravolovac	oblakoder
COUNT= 0	COUNT= 0	COUNT= 0

## 150 Distiktivna obeležja i minimalni parovi

oceubica	COUNT= 0	COUNT= 0
COUNT= 0	plodozzderac	prsobolja
ochevidac	COUNT= 0	COUNT= 0
COUNT= 0	poljodelac	pticolovac
pacolovka	COUNT= 0	COUNT= 0
COUNT= 0	poljodelka	pushkomet
pantalodrzzac	COUNT= 0	COUNT= 0
COUNT= 0	poljodelstvo	putopis
parovod	COUNT= 0	COUNT= 0
COUNT= 0	poshtonosha	ribokradica
pechatorezac	COUNT= 0	COUNT= 0
COUNT= 0	poslodavac	ribolov
pechatoreznica	posloprimac	ribozzder
COUNT= 0	COUNT= 1	COUNT= 1
pesmotvorac	posloprimac	ribolovac
COUNT= 0	COUNT= 0	COUNT= 0
pesmotvorstvo	poslovodja	ribolovishte
COUNT= 0	COUNT= 0	COUNT= 0
pismonosha	poslovodjstvo	ribolovka
COUNT= 0	COUNT= 0	COUNT= 0
pivonosha	poslovotkinja	ribolovstvo
COUNT= 0	COUNT= 0	COUNT= 0
pivopija	pravdoljubac	ribozzder
COUNT= 0	COUNT= 0	COUNT= 0
plinomer	pravobranitelj	rogonosha
COUNT= 0	COUNT= 0	COUNT= 0
plinovod	pravdoljublje	ruchkonosha
COUNT= 0	COUNT= 0	COUNT= 0
plodonosha	pravobranilac	rudokop

COUNT= 0	rukosad	senokosha
	rukotvor	COUNT= 0
rukobolja	COUNT= 2	
rukodelja		shakopis
COUNT= 1	rukosad	COUNT= 0
	rukotvor	
rukobran	COUNT= 1	shtetochina
rukohvat		shtetochina
rukomet	rukotvor	COUNT= 1
rukopis	COUNT= 0	
rukosad		shtetochina
rukotvor	rukotvorac	COUNT= 0
COUNT= 5	rukovodilac	
	COUNT= 1	shtetochinac
rukodelac		COUNT= 0
rukotvorac	rukotvorina	
rukovodilac	COUNT= 0	shtetochinitelj
COUNT= 2		COUNT= 0
	rukotvornik	
rukodelja	COUNT= 0	shtetochinstvo
COUNT= 0		COUNT= 0
	rukotvorstvo	
rukodelstvo	COUNT= 0	shumokradica
rukotvorstvo		COUNT= 0
COUNT= 1	rukovodilac	
	COUNT= 0	silodrzzac
rukodrzach		COUNT= 0
COUNT= 0	savetodavac	
	COUNT= 0	silomer
rukohvat		COUNT= 0
rukomet	semenovod	
rukopis	COUNT= 0	skiptronosac
rukosad		COUNT= 0
rukotvor	semevod	
COUNT= 4	COUNT= 0	skutonosha
		COUNT= 0
rukomet	senokos	
rukopis	senokos	slanopadja
rukosad	COUNT= 1	COUNT= 0
rukotvor		
COUNT= 3	senokos	slavoljubac
	COUNT= 0	COUNT= 0
rukopis		

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slepchovodja		šudoper
COUNT= 0	stakloduvach	COUNT= 0
	COUNT= 0	
slezinobolja		sudopera
COUNT= 0	staklorezac	sudopera
	COUNT= 0	
slobodoljubac		sudopera
COUNT= 0	staklorenzica	COUNT= 3
	COUNT= 0	
slobodoljublje		sudopera
COUNT= 0	stihoklepac	sudopera
	COUNT= 0	
svololivac		sudopera
COUNT= 0	stihoklepanje	COUNT= 2
	COUNT= 0	
svololivnica		sudopera
COUNT= 0	stihopisac	COUNT= 1
	COUNT= 0	
svoslagach		sudopera
COUNT= 0	stihotvorac	COUNT= 0
	COUNT= 0	
snegobran		sudoperka
snegolom	stihotvorka	COUNT= 0
COUNT= 1	COUNT= 0	
		sudopralja
snegolom	stihotvorstvo	COUNT= 0
COUNT= 0	COUNT= 0	
snegopadina	strahovlada	sućobran
COUNT= 0	COUNT= 0	
		suncogled
sporonosha	strvoder	suncokret
COUNT= 0	COUNT= 0	
		suncomer
srcobilja	strvodernica	COUNT= 3
srcopija	COUNT= 0	
COUNT= 1		suncogled
srcopija	strvoderstvo	suncokret
COUNT= 0	COUNT= 0	
		suncomer
srebroljubac	strvozzderac	COUNT= 1
COUNT= 0	COUNT= 0	
		suncomer
		COUNT= 0

suzoprolicce COUNT= 0	travoberica COUNT= 0	uvobolja COUNT= 0
suzotek suzovod COUNT= 1	travojed COUNT= 0	vatrobran vetrokaz vetrolom
suzovod COUNT= 0	travozzder COUNT= 0	vetrolom vetromer vetromet
sveconosha COUNT= 0	trabolja COUNT= 0	vetropir vetrovod COUNT= 8
sviloprelja COUNT= 0	tunjolov COUNT= 0	vatrogasac COUNT= 0
svinjogojac COUNT= 0	tunolov COUNT= 0	vatrogastvo COUNT= 0
svinjogojstvo COUNT= 0	tunolovac COUNT= 0	vatromet vatrozzder
svinjokolja COUNT= 0	tunolovka COUNT= 0	COUNT= 1 vatrometach
svinjozzder COUNT= 0	ugljenokop COUNT= 0	COUNT= 0 vatrometnik
taktomer COUNT= 0	uglomer COUNT= 0	COUNT= 0 vatronosha
tiranomrzac COUNT= 0	umobilja COUNT= 0	COUNT= 0 vatrozzder
toplomer COUNT= 0	umotvor COUNT= 0	COUNT= 0 vazduhoplov
toplonosha COUNT= 0	umotvorina COUNT= 0	COUNT= 0 vazduhoplovstvo
toplovod COUNT= 0	ustobolja COUNT= 0	COUNT= 0 vazduhoplovac

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COUNT= 0	COUNT= 4	
vencenosac	vetrolom	vetropirka
COUNT= 0	vetrolom	COUNT= 0
	vetromer	
venconosac	vetromet	vetrovod
COUNT= 0	vetropir	COUNT= 0
	vetrovod	
venconosha	COUNT= 5	vinober
COUNT= 0		COUNT= 0
	vetrolom	vinobera
vetrobitina	vetromet	COUNT= 0
vetrometina	vetromet	
COUNT= 1	vetropir	vinoberje
	COUNT= 3	COUNT= 0
vetrobran		
vetrokaz	vetromer	vinokradica
vetrolom	vetromet	COUNT= 0
vetrolom	vetromet	
vetromer	vetropir	vinolija
vetromet	COUNT= 3	COUNT= 0
vetromet		
vetropir	vetromet	vinoljubac
vetrovod	vetromet	COUNT= 0
COUNT= 8	vetropir	
	vetrovod	vinomer
vetrogonica	COUNT= 3	vinosrk
COUNT= 0		vinotoch
	vetromet	COUNT= 2
vetrogonja	vetropir	
COUNT= 0	vetrovod	vinonosha
	COUNT= 2	COUNT= 0
vetrogonjstvo		
COUNT= 0	vetrometina	vinopija
	vetrometina	COUNT= 0
vetrogonstvo	COUNT= 1	
COUNT= 0		
	vetrometina	vinosrk
vetrokaz	COUNT= 0	vinotoch
vetrolom		COUNT= 1
vetromet	vetropir	
vetromet	vetrovod	vinotoch
vetropir	COUNT= 1	COUNT= 0

vinotocha	vodoskok	vodopoj
COUNT= 0	vodotek	vodopoj
	vodotok	vodoskok
vinotochje	COUNT= 13	vodotek
COUNT= 0	vodorechilishte	vodotok
	COUNT= 0	vodovod
visinomer		COUNT= 13
COUNT= 0	vodolija	vodolok
	vodopija	vodomer
vlastodavac	COUNT= 1	vodopad
vlastodrzzac		vodoplav
vlastoljubac		vodoplav
COUNT= 2	vodoljub	vodoplav
	vodolok	vodoplav
vlastodavka	vodolok	vodopoj
COUNT= 0	vodomer	vodopoj
	vodopad	vodopoj
vlastodrzzac	vodoplav	vodoskok
vlastoljubac	vodoplav	vodotek
COUNT= 1	vodoplav	vodotok
	vodopoj	vodovod
vlastoljubac	vodopoj	COUNT= 12
COUNT= 0	vodopoj	
	vodoskok	vodomer
vlastoljublje	vodotek	vodopad
COUNT= 0	vodotok	vodoplav
	vodovod	vodoplav
voderina	COUNT= 14	vodoplav
vodoplavina		vodopoj
vodotechina	vodoljubac	vodopoj
COUNT= 2	vodonosac	vodopoj
	vodopijac	vodoskok
vodokaz	vodopilac	vodotek
vodoljub	COUNT= 3	vodotok
vodolok		COUNT= 10
vodolok	vodolok	
vodopad	vodolok	vodonosac
vodoplav	vodomer	vodopijac
vodoplav	vodopad	vodopilac
vodoplav	vodoplav	COUNT= 2
vodopoj	vodoplav	
vodopoj	vodoplav	vodonosha
vodopoj	vodopoj	vodopija

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COUNT= 1	vodopoj	COUNT= 6
	vodopoj	
vodoodvodnik	vodoskok	vodopoj
COUNT= 0	vodorek	vodopoj
	vodotok	vodoskok
vodopad	vodovod	vodorek
vodoplav	COUNT= 8	vodotok
vodoplav		vodovod
vodoplav	vodoplav	COUNT= 5
vodopoj	vodopoj	
vodopoj	vodopoj	vodopoj
vodopoj	vodopoj	vodoskok
vodovod	vodoskok	vodorek
COUNT= 7	vodorek	vodotok
	vodotok	vodovod
vodopija	vodovod	COUNT= 4
vodopija	COUNT= 7	
COUNT= 1	vodoplavina	vodopronalazzac
	vodoplavina	COUNT= 0
vodopija	vodotechina	vodoskok
COUNT= 0	COUNT= 2	vodovod
vodopijac	vodoplavina	COUNT= 1
COUNT= 0	vodotechina	vodotechina
vodopilac	COUNT= 1	COUNT= 0
COUNT= 0	vodoplavje	vodotechje
vodoplav	vodoplavlje	COUNT= 0
vodoplav	vodotechje	
vodoplav	COUNT= 2	vodorek
vodopoj	vodoplavlje	vodovod
vodopoj	vodotechje	COUNT= 1
vodoskok	COUNT= 1	vodotok
vodorek		vodovod
vodorek	vodopoj	COUNT= 1
vodorek	vodopoj	
vodorek	vodopoj	vodovod
COUNT= 9	vodoskok	COUNT= 0
vodoplav	vodorek	
vodoplav	vodotok	vologonac
vodopoj	vodovod	volovodac

COUNT= 1		zakonodavka
vologonja	vrnopuc	COUNT= 0
COUNT= 0	COUNT= 0	zakonodavstvo
vologonjac	vreconosha	zakonotvorstvo
volovodac	COUNT= 0	COUNT= 1
COUNT= 1	vunomer	zakonopisac
volovodac	COUNT= 0	COUNT= 0
volovodac	zajmodavac	zakonosha
volovodac	zajmoprimac	COUNT= 0
COUNT= 1	zajmotrazzac	
volovodac	OUNT= 2	zakonotvorac
COUNT= 0	zajmodavstvo	COUNT= 0
volovodica	COUNT= 0	zakonotvorstvo
COUNT= 0	zajmoprimac	COUNT= 0
volovodja	zajmotrazzac	zastavonosha
COUNT= 0	COUNT= 1	COUNT= 0
vratobolja	zajmoprimalac	zdeloliz
vratolomija	zajmotazzilac	COUNT= 0
COUNT= 1	COUNT= 1	zdelonosha
vratolom	zajmotrazzac	COUNT= 0
vratolom	COUNT= 0	
vratolom	zajmotazzilac	zemljedrzzac
COUNT= 2	COUNT= 0	COUNT= 0
vratolom	zajmotazzilac	zemljodelac
vratolom	zajmotazzitelj	zemljodrzzac
COUNT= 1	COUNT= 0	COUNT= 1
vratolom	zakonodavac	zemljodelka
COUNT= 0	zakonopisac	COUNT= 0
vratolomija	zakonotvorac	
COUNT= 0	COUNT= 2	zemljodelstvo
vratolomstvo	zakonodavalac	COUNT= 0
COUNT= 0	COUNT= 0	zemljodrzzac

zemljojed	zimomora	zlochin
zemljopis	COUNT= 0	zloslut
zemljotres		zloslut
zemljovod	zimomorje	zloslut
COUNT= 3	COUNT= 0	zlotvor
		COUNT= 4
zemljopis	zimomornica	
zemljotres	COUNT= 0	zlochinac
zemljovod		COUNT= 0
COUNT= 2	zimomornik	
	COUNT= 0	zlochinitelj
zemljoposednica		zlozzelitelj
zemljoradnica	zimosech	COUNT= 1
COUNT= 1	COUNT= 0	
		zlochinka
zemljoposednik	zimosechina	COUNT= 0
zemljoradnik	COUNT= 0	
zemljovodnik	zlatoljubac	zloslut
COUNT= 2	COUNT= 0	zloslut
		zlotvor
zemljoradnica	zlatoljublje	COUNT= 3
COUNT= 0	COUNT= 0	
		zloslut
zemljoradnik	zlatonosha	zloslut
zemljovodnik	COUNT= 0	zlotvor
COUNT= 1		COUNT= 2
zemljoradnja	zlatorez	
COUNT= 0	zlatovez	zloslut
	COUNT= 1	zlotvor
zemljotres		COUNT= 1
zemljovod	zlatotkach	
COUNT= 1	COUNT= 0	zlosluta
		zlosluta
zemljovod	zlatotopka	
COUNT= 0	COUNT= 0	zlosluta
		COUNT= 2
zemljovodnik	zlatovez	
COUNT= 0	COUNT= 0	zlosluta
		COUNT= 1
zglobobolja	zlatovezilja	
COUNT= 0	COUNT= 0	zlosluta

COUNT= 0	COUNT= 2	zubochupach
		COUNT= 0
zloslutica	zmijojed	
zloslutica	zmijozzder	zverokradica
zloslutica	COUNT= 1	COUNT= 0
COUNT= 2	zmijojedina	zverokradja
zloslutica	COUNT= 0	COUNT= 0
zloslutica		
COUNT= 1	zmijolovac	zverokradstvo
	COUNT= 0	COUNT= 0
zloslutica	zmijozzder	zveroukrotitelj
COUNT= 0	zmijozzder	COUNT= 0
zloslutnica	COUNT= 1	
zlotvornica	zmijozzder	zzaboder
COUNT= 1	COUNT= 0	zzabogut
		COUNT= 1
zloslutnik		
zlotvornik	zrnojed	zzabogut
COUNT= 1	COUNT= 0	zzabojed
		zzabozzder
zloslutnja	zrnojedac	COUNT= 2
COUNT= 0	COUNT= 0	
		zzabojed
zlotvor	zrnozzder	COUNT= 0
COUNT= 0	COUNT= 0	
		zzabojedac
zlotvornica	zrnozzderac	COUNT= 0
COUNT= 0	COUNT= 0	
		zzabozzder
zlotvornik	zrnozzderica	COUNT= 0
COUNT= 0	COUNT= 0	
		zzenoljub
zlovidjenje	zrnozzderka	COUNT= 0
COUNT= 0	COUNT= 0	
		zzenoljubac
zlozzelitej	zubobol	zzenomorac
COUNT= 0	COUNT= 0	COUNT= 1
zmijojed	zubobolja	zzenoljublje
zmijojed	COUNT= 0	COUNT= 0
zmijozzder		

zzenomorac	COUNT= 0	zzitoradja
zzenomrzac	COUNT= 0	COUNT= 0
COUNT= 1	zzilogriz	
	COUNT= 0	zzuchovod
zzenomorstvo		COUNT= 0
COUNT= 0	zzilozzdera	
	COUNT= 0	zzuchovodnik
zzenomrzac		COUNT= 0

**2.6.2.2.5 Lista minimalnih parova (Zadatak 4 - izlazni podaci)**

bezzisvet		gubodusnica
mrzisvet	gladibrk	COUNT= 0
probisvet	COUNT= 0	
COUNT= 2		gubodusnuk
	gladikosa	COUNT= 0
busogrudadzija	COUNT= 0	
COUNT= 0		gulibrada
	glodjikorica	COUNT= 0
ccushkapa	COUNT= 0	
COUNT= 0		gulibradina
cepidlaka	gonivetar	COUNT= 0
COUNT= 0	kazzivetur	
	letivetur	gulikoshtvo
	COUNT= 2	COUNT= 0
chistikucca		
pazikucca	grizodushje	gulikozza
COUNT= 1	COUNT= 0	
		COUNT= 1
derigusha	gubidan	
COUNT= 0	COUNT= 0	gulikozza
		COUNT= 0
deriklupa	gubidusha	
COUNT= 0	COUNT= 0	gulivrat
		COUNT= 0
derikozza	gubivremenka	
gulikozza	COUNT= 0	heft-mashina
COUNT= 1		
	gubodusha	COUNT= 0
dizzinos	COUNT= 0	
COUNT= 0		ispichasha
	gubodusnica	COUNT= 0
gazivoda	gubodusnica	
mutivoda	COUNT= 1	ispichutura
COUNT= 1		COUNT= 0

izjedipogacha	kradikesa	
COUNT= 0	vezzikesa	mamipara
	COUNT= 1	mamipara
jedibaba	kradikonjica	mlatipara
smrdibaba	COUNT= 0	COUNT= 2
visibaba	kradikoza	mamipara
COUNT= 2	COUNT= 0	mlatipara
kazziprst	krivikapa	COUNT= 1
COUNT= 0	COUNT= 0	mastibrk
kazziput	COUNT= 0	COUNT= 0
kazziput	kudibaba	mlatipara
COUNT= 1	smrdibaba	COUNT= 0
kazziput	visibaba	mlatishuma
COUNT= 0	COUNT= 2	COUNT= 0
kazzivetar	kupimrvichar	
letivetar	COUNT= 0	mlatislama
COUNT= 1	letivetar	COUNT= 0
keshboj	COUNT= 0	mrzisvet
COUNT= 0	letizzaba	probisvet
kesizub	COUNT= 0	COUNT= 1
COUNT= 0	lizzilonac	mutikasha
kezizub	COUNT= 0	COUNT= 0
COUNT= 0	lizzisahan	mutimir
klimoglav	COUNT= 0	COUNT= 0
COUNT= 0	lizzisahanka	mutivoda
klimoglavac	COUNT= 0	COUNT= 0
COUNT= 0	lozz-ulje	naliv-pero
kljujdrvo	COUNT= 0	COUNT= 0
COUNT= 0	uftiguz	pak-papir
kopir-centar	razbiguz	COUNT= 0
COUNT= 0	trniguz	palidrvce
	COUNT= 2	COUNT= 0

COUNT= 0

palikucca		smrdibuba
pazikucca	razbiguz	strizibuba
COUNT= 1	trniguz	strizzibuba
	vrtiguz	COUNT= 2
pazikucca	COUNT= 2	
raspikucca		smrdivrana
tecikucca	razvigor	COUNT= 0
zatrikucca	COUNT= 0	
COUNT= 3		smrdovrana
	razvigorac	COUNT= 0
pevidrug	COUNT= 0	
plachidrug	rushimir	smrdovranka
COUNT= 1	COUNT= 0	COUNT= 0
pirivatra		spomen-dan
COUNT= 0	secikesa	COUNT= 0
	vezzikesa	
plachidrug	COUNT= 1	spomen-knjiga
COUNT= 0		COUNT= 0
	shorkapa	
plachidruga	COUNT= 0	spomen-kosturnica
COUNT= 0		COUNT= 0
	skochibuba	
probigora	smrdibuba	spomen-plocha
COUNT= 0	smrdibuba	COUNT= 0
	strizibuba	
probisvet	strizzibuba	strizibuba
COUNT= 0	COUNT= 4	COUNT= 0
push-pauza	skochidevojka	strizzibuba
COUNT= 0	COUNT= 0	COUNT= 0
putokaz	smrdibaba	svrzikapa
COUNT= 0	tuzzibaba	COUNT= 0
	visibaba	
raspikucca	COUNT= 2	svrzimantija
COUNT= 0		COUNT= 0
	smrdibuba	
raspikkustvo	smrdibuba	tarikamen
COUNT= 0	strizibuba	COUNT= 0
	strizzibuba	
razbibriga	COUNT= 3	tarizdela

COUNT= 0	COUNT= 0	vrtirepka
tecikucca	visistarac	COUNT= 0
COUNT= 0	COUNT= 0	vrtoглавica
trniguz	vrtiguz	COUNT= 0
vrtiguz	COUNT= 0	zametikavga
COUNT= 1	vrtiguza	COUNT= 0
tuzzibaba	COUNT= 0	zametkavga
visibaba		COUNT= 0
COUNT= 1	vrtikapa	zametnikavga
vezzikesa	COUNT= 0	COUNT= 0
COUNT= 0	vrtirep	zatrikucca
visibaba	COUNT= 0	COUNT= 0

## 2.7 Zaključak

Istraživanje čiji je predmet i cilj opisan u 2.2 dalo je sledeće rezultate: kritičkim razmatranjem literature o predmetu je ustanovljeno da problem distinkтивnih обележја nije tretiran na zadovoljavajući način (2.3 i 2.4); ovo smo pokušali da ispravimo tako što smo postavili hipotezu o postojanju distinkтивних обележја, njihovoj vrsti i broju i tako što smo izradili algoritam za identifikovanje minimalnih парова помоћу компјутера (2.5) да бисмо hipotezu систематски проверили на ukupnom uzorku; алгоритам се показао успеšним и идентификовани су минимални парови у оба језика (2.6); сва хипотетичка обележја су потврђена минималним паровима у енглеском језику (Табела 2.2) и сва изузев једног у српскохрватском језику (Табела 2.3); нађен је егзактан начин за тretiranje dvosmislenosti i sinonimije; постављени су темељи на којима се може даље градiti модел именičких сложенica са глаголском компонентом у енглеском и српскохрватском језику; примена рачунара у језичком истраживању се показала од непроценjive користи.

### **3. Program za analizu uzorka složenica pomoću kompjutera**

---

#### **3.1 Opis upotrebljene opreme**

Program za analizu uzorka je napisan za računar IBM PC. Ovaj računar ima 256 KB RAM, 2 x 360 KB spoljne memorije (134 mm magnetni diskovi). Memorija računara je proširena pomoću 1.25 MB MegaFunction memorije, koja se može upotrebiti samo kao virtualni disk. Operativni sistem računara je IBM DOS 3.0. Od perifernih uređaja su upotrebljeni paralelni printeri NEC 8800 i Juki 6100 i ploter HP 7475A.

#### **3.2 Program i opis programa**

Program za analizu uzorka složenica je napisan u IBM BASIC-u i kompajliran pomoću Microsoft Basic Compilera. Ime osnovnog koda programa je COMPOUND.BAS, a ime izvršnog programa je COMPOUND.EXE. Pre izvršavanja bilo kog zadatka program pročita ulazne podatke sa opisom zadatka koji se nalaze pod imenom COMPOUND.CRD. Ovu grupu podataka kreira korisnik programa pomoću programa za editovanje teksta koji je deo operativnog sistema DOS-a.

Program, koji je u ovom poglavlju dat u celosti, sastoji se od glavnog programa i šest grupe potprograma koji izvršavaju jedan određeni tip zadatka. U sastav programa ulaze i pomoćni potprogrami koji služe za podršku glavnog programa i šest grupe potprograma: potprogram za otvaranje grupe podataka sa slučajnim prilazom, potprogram za postavljanje referentnog niza, potprogram za čitanje grupe podataka sa slučajnim prilazom ili sa rednim prilazom itd. Opis glavnog programa, kao i šest grupe potprograma je dat niže u tekstu.

#### **3.3 Organizacija memorije**

Basic Compiler za IBM PC računar dozvoljava upotrebu unutrašnje memorije računara koja je ograničena na 64 KB. Osnovna grupa podataka, međutim, zauzima preko 150 KB. Ovo je uslovilo specijalnu organizaciju upotrebe memorije računara pomoću programa. Upotreba spoljnih memorija (magnetnih diskova) ne bi bila najbolje rešenje jer bi diskovi bili u stalnoj upotrebi prilikom rada programa, što bi kao rezultat dalo stalno trenje glave za čitanje i pisanje diska sa proveršinom diska (u zavisnosti od zadatka program može raditi i preko dvanaest sati). Zbog toga je najbolje rešenje upotreba

virtualnog diska kod koga se jedna oblast memorije sa slučajnim prilazom tretira na isti način na koji bi se tretirao magnetni disk. Na taj način se, pored toga što se izbegava preterana upotreba magnetnog diska, povećava brzina rada programa jer je brzina prilaza virtualnom disku jednaka brzini prilaza unutrašnjoj memoriji računara. Magnetni disk se upotrebljava samo za zapisivanje izlaznih podataka. Primena grupa podataka sa slučajnim prilazom na virtualnom disku dovodi do upotrebe memorije virtualnog diska veoma slične upotrebi unutrašnje memorije sa slučajnim prilazom sa prednošću povećane dostupne memorije koja ima istu brzinu kao i unutrašnja memorija.

## 3.4 Opis glavnog programa i šest grupa potprograma

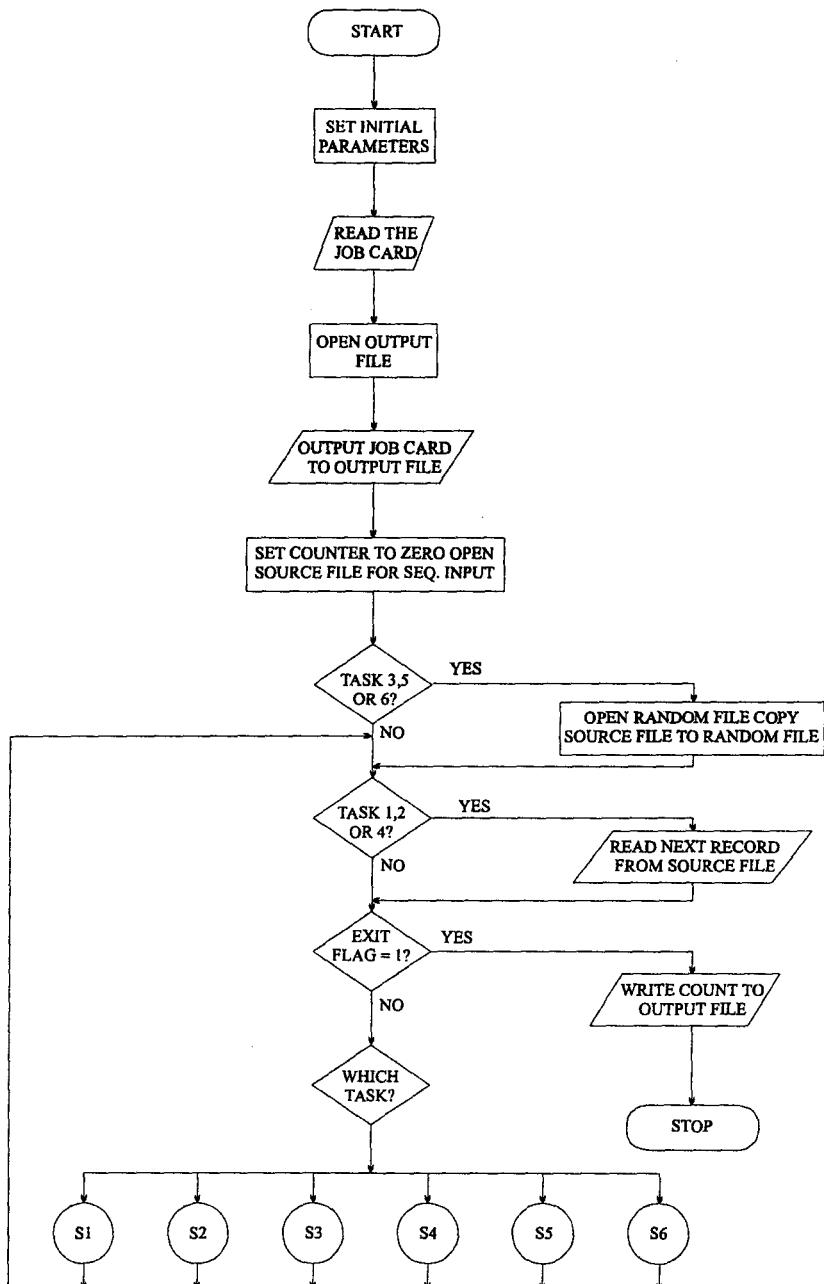
### 3.4.1 Glavni program

#### 3.4.1.1 Dijagram toka glavnog programa

Dijagram toka glavnog programa je prikazan na Slici 3.1.

#### 3.4.1.2 Opis glavnog programa

Na početku rada glavnog programa promenljivima se dodeljuju početne vrednosti. Program, zatim, čita ulazne podatke sa opisom zadatka, otvara izlaznu grupu podataka i prepisuje grupu podataka sa opisom zadatka u izlaznu grupu podataka. Program zatim postavlja brojač na nulu i otvara ulaznu grupu podataka za redni input. Nakon toga program proverava da li mu je zadat zadatak: 3, 5 ili 6 i ako jeste, on onda otvara grupu podataka sa slučajnim prilazom i prepisuje osnovnu grupu podataka u nju. Ako se ne radi o zadatku: 3, 5 ili 6, program onda ispituje da li se radi o zadatku: 1, 2 ili 4. Ako se radi, onda program čita sledeći rekord iz osnovne grupe ulaznih podataka, a ako ne, onda prelazi na sledeći korak. Program dalje ispituje da li je vrednost promenljive, koja označava završetak rada, jednaka jedinicama i ako nije, program onda ispituje promenljive za definiciju zadatka i grana se na odgovarajuće grupe potprograma koje izvršavaju dati tip zadatka. Ako vrednost promenljive koja označava završetak rada jeste jednaka jedinicama, program zapisuje vrednost brojača u izlaznu grupu podataka, zatvara sve grupe podataka i završava sa radom prebacivši kontrolu rada kompjutera na operativni sistem. Posle povratka iz odgovarajuće grupe potprograma program ponovo ispituje da li se radi o zadatku : 1, 2, ili 4 i proces se ponavlja.



Slika 3.1 Glavni program - shematski prikaz algoritma

```

10 REM COMPOUND
14 D1$=DATE$:T1$=TIME$:T11$=MID$(T1$,4,2)
15 PRINT D1$;" ";T1$
20 DIM A$(16),G$(16),L(16),CONS(5),CONS1(2),L1(16)
30 L2=1:L1(I)=1
40 FOR I=1 TO 16
50 READ L(I)
70 NEXT I
71 FOR I=1 TO 16
72 READ L1(I)
73 NEXT I
80 DATA 18,2,12,1,10,1,5,1,7,1,1,1,10,10,1,6
81 DATA 1,20,23,36,38,49,51,57,59,67,69,71,73,84,95,97
90 BBB$="*":I=0
100 FLAGBEGINNING=0
110 GOSUB 710
120 GOSUB 580
130 GOSUB 260
140 REM
150 IF C1<>0 OR C2<>0 OR C4<>0 THEN GOSUB 850
160 IF FLAGE=1 THEN GOTO 240
170 IF C1<>0 THEN GOSUB 340
180 IF C2<>0 THEN GOSUB 440
190 IF C3<>0 THEN GOSUB 1120
200 IF C4<>0 THEN GOSUB 550
210 IF C5<>0 THEN GOSUB 1260
220 IF C6<>0 THEN GOSUB 930
230 GOTO 140
240 GOSUB 300
244 D3$=DATE$:T3$=TIME$
245 PRINT D1$;" ";T1$
246 PRINT D2$;" ";T2$
247 PRINT D3$;" ";T3$
250 STOP
260 REM SUBROUTINE OPEN SOURCE CODE FILE
270 COUNT=0:COUNT1=0:FLAGE=0
280 OPEN "I",#1,NFS
290 RETURN
300 REM SUBROUTINE CLOSE ALL FILES
310 IF C1<>0 OR C2<>0 OR C4<>0 THEN PRINT #2,"COUNT= ",COUNT
320 CLOSE
330 RETURN
340 REM SUBROUTINE TASK 1
350 COUNT=COUNT+1
360 PRINT #2, A$(F1);
370 IF C1<>2 THEN 410
380 IF F21<>0 THEN PRINT #2,"_"; A$(F21);
390 IF F22<>0 THEN PRINT #2,"_"; A$(F22);
400 IF F23<>0 THEN PRINT #2,"_"; A$(F23);
410 REM
420 PRINT #2,CHR$(13)
430 RETURN
440 REM SUBROUTINE TASK 2
450 IF INSTR(A$(F21),STRING1$)=0 THEN RETURN
460 COUNT=COUNT+1
470 PRINT #2, A$(F1);
480 IF C2<>2 THEN 520
490 IF F31<>0 THEN PRINT #2, " "; A$(F31);

```

```

500 IF F32<>0 THEN PRINT #2, " ", A$(F32);
510 IF F33<>0 THEN PRINT #2, " ", A$(F33);
520 REM
530 PRINT #2,CHR$(13)
540 RETURN
550 REM REM SUBROUTINE TASK 4
555 KUC1=1
560 KUC2=INSTR(KUC1,A$(F1),STRING1$):IF KUC2<>0 THEN
      COUNT=COUNT+1:KUC1=KUC2+1:GOTO 560
570 RETURN
580 REM REM SUBROUTINE DUMP CARD TO OUTPUT FILE
590 IF FLAGBEGINNING=0 THEN FLAGBEGINNING=1:OPEN "O",#2,OUF1$
600 PRINT #2,NFS
610 IF C1<>0 THEN PRINT #2,"TASK 1: ";C1;" ";F1;" ";F21;" ";F22;" ";F23
620 IF C2<>0 THEN PRINT #2,"TASK 2: ";C2;" ";F1;" ";F21;" ";STRING1$;" ";F31;" ";F32;" "
      ;F33
630 IF C3<>0 THEN PRINT #2,"TASK 3: ";C3;" ";F1;" ";F21;" ";STRING1$;" ";STRING2$;" "
      ;F31;" ";F32
640 IF C4<>0 THEN PRINT #2,"TASK 4: ";C4;" ";F1;" ";STRING1$
650 IF C5<>0 THEN PRINT #2,"TASK 5: ";C5;" ";F1;" ";F21;" ";F22
660 IF C6<>0 THEN PRINT #2,"TASK 6: ";C6;" ";F1;" ";F21;" ";STRING1$;" ";F31;" ";F32;" "
      ;F33;" ";F34;" ";F35;" ";F41;" ";F42
670 PRINT #2,CHR$(13)
680 PRINT #2,CHR$(13)
690 PRINT #2,CHR$(13)
700 RETURN
710 REM SUBROUTINE READ JOB CARD
720 OPEN "I",#1,"COMPOUND.CRD"
730 INPUT #1,NFS
740 INPUT #1,OUF1$
750 INPUT #1,NMAX
760 INPUT #1,C1,C2,C3,C4,C5,C6
770 IF C1<>0 THEN INPUT #1,F1,F21,F22,F23
780 IF C2<>0 THEN INPUT #1,F1,F21,STRING1$,F31,F32,F33
790 IF C3<>0 THEN INPUT #1,F1,F21,STRING1$,STRING2$,F31,F32
800 IF C4<>0 THEN INPUT #1,F1,STRING1$
810 IF C5<>0 THEN INPUT #1,F1,F21,F22
820 IF C6<>0 THEN INPUT #1,F1,F21,STRING1$,F31,F32,F33,F34,F35,F41,F42
830 CLOSE #1
840 RETURN
850 REM SUBROUTINE INPUT
860 IF EOF(1) THEN FLAGE=1:RETURN
870 I=I+1:COUNT1=I:PRINT USING "####";I
880 LINE INPUT #1,B$
890 FOR JJ=1 TO 16
900 A$(JJ)=MID$(B$,L1(JJ),L(JJ))
910 NEXT JJ
920 RETURN
930 REM SUBROUTINE TASK 6
940 IF FLAGBEGINNING9=0 THEN FLAGBEGINNING9=1: GOSUB 1800
950 COUNT=0
960 GOSUB 1670
965 IF FLAGE102=1 THEN FLAGE=1:RETURN
970 REM
980 GOSUB 1920
981 IF FLAGERAN=1 AND I<NMAX THEN 980
982 IF FLAGERAN=1 AND I>=NMAX THEN PRINT #2, "COUNT=";COUNT:;PRINT
      #2,CHR$(13):GOTO 950

```

170 Program za analizu uzorka složenica

```
990 IF INSTR(A$(F21),STRING1$)=0 THEN 1085
1000 REM
1010 AR1$="":AR2$=""
1020 FOR JJJ=1 TO 5
1030 IF CONS(JJJ)<>0 THEN AR1$=AR1$+A$(CONS(JJJ))
1040 NEXT JJJ
1050 FOR JJJ=1 TO 2
1060 IF CONS1(JJJ)<>0 THEN AR2$=AR2$+A$(CONS1(JJJ))
1070 NEXT JJJ
1080 IF G1$=AR1$ AND G2$<>AR2$ THEN COUNT=COUNT+1:PRINT #2, A$(F1)
1085 IF I>=NMAX THEN PRINT #2,"COUNT= ";COUNT:PRINT #2,CHR$(13):GOTO 950
1090 GOTO 970
1110 RETURN
1120 REM SUBROUTINE TASK 3
1130 IF FLAGBEGINNING9=0 THEN FLAGBEGINNING9=1:GOSUB 1430
1139 COUNT=0
1140 REM
1150 GOSUB 1850:I=0
1151 IF FLAGE=1 THEN PRINT #2,"COUNT= ";COUNT:RETURN
1160 GOSUB 1920
1162 IF FLAGERAN=1 AND I<NMAX THEN 1160
1164 IF FLAGERAN=1 AND I>=NMAX THEN 1140
1170 IF INSTR(A$(F21),STRING2$)=0 OR G$(F1)<>A$(F1) THEN 1230
1180 REM
1181 IF C3<>2 THEN 1220
1190 IF F31=0 AND F32<>0 THEN AR1$=_" "+A$(F32)
1200 IF F31<>0 AND F32=0 THEN AR1$=_"+A$(F31)
1210 IF F31<>0 AND F32<>0 THEN AR1$=_"+A$(F31)+"_"+A$(F32)
1220 IF A$(F1)=G$(F1) THEN COUNT=COUNT+1:PRINT #2, A$(F1),AR1$:GOSUB
    1570:GOTO 1140
1230 REM
1240 IF I>=NMAX THEN 1140
1250 GOTO 1160
1260 REM SUBROUTINE TASK 5
1270 IF FLAGBEGINNING9=0 THEN H=0:FLAGBEGINNING9=1:GOSUB 1430
1280 REM
1290 REM
1300 H=H+1:I=H-1:GOSUB 1920
1301 IF FLAGERAN=1 AND H<NMAX THEN 1300
1302 IF FLAGERAN=1 AND H>=NMAX THEN FLAGE=1:RETURN
1303 IF H>NMAX THEN FLAGE=1:RETURN
1309 GOSUB 1630:GOSUB 1570:I=0:COUNT=1
1310 REM
1330 GOSUB 1920
1340 IF FLAGERAN=1 AND I<NMAX THEN 1310
1350 IF FLAGERAN=1 AND I>=NMAX THEN 1410
1360 IF F21=0 AND F22<>0 THEN G1$=G$(F22):AR1$=A$(F22)
1370 IF F21<>0 AND F22=0 THEN G1$=G$(F21):AR1$=A$(F21)
1380 IF F21<>0 AND F22<>0 THEN G1$=G$(F21)+G$(F22):AR1$=A$(F21)+A$(F22)
1390 IF G1$=AR1$ THEN COUNT=COUNT+1:GOSUB 1570:IF COUNT=2 THEN PRINT
    #2,G$(F1):PRINT #2, A$(F1) ELSE PRINT #2,A$(F1)
1400 IF I<NMAX THEN 1310
1410 IF COUNT>1 THEN PRINT #2,"COUNT= ";COUNT:PRINT #2,CHR$(13)
1420 GOTO 1280
1430 REM SUBROUTINE OPEN RANDOM FILE
1440 NFF$=LEFT$(NFS,LEN(NFS)-4)
1445 NFF$=RIGHT$(NFF$,LEN(NFF$)-2)
1450 NFF$="C:"+NFF$+"R.DAT"
```

```

1460 OPEN NFF$ AS #3 LEN=102
1470 FIELD #3,102 AS BS
1480 FOR I=1 TO NMAX
1490 IF EOF(1) THEN NMAX=I:GOTO 1560
1500 LINE INPUT #1,BB$
1510 LSET BS=BB$
1520 PUT #3,INT(I)
1530 NEXT I
1540 CLOSE #1:CLOSE #3
1550 OPEN "R",#3,NFF$,102
1551 FIELD #3,102 AS BS
1555 I=0
1556 D2$=DATE$:T2$=TIME$
1558 PRINT D2$;" ";T2$
1560 RETURN
1570 REM SUBROUTINE DELETE STRING FROM THE RANDOM FILE
1580 LSET BS=BBBB$
1590 PUT #3,INT(I)
1600 RETURN
1610 REM SUBROUTINE SET REFERENCE STRING
1620 REM GOSUB 850
1630 FOR JJ=1 TO 16
1640 GS(JJ)=A$(JJ)
1650 NEXT JJ
1655 HREM=I
1660 RETURN
1670 REM SUBROUTINE SUPPORT TO TASK 6
1675 IF FLAG101=0 THEN FLAG101=1:GOSUB 1430:HREM=0
1676 I=HREM
1680 GOSUB 1920
1690 IF INSTR(A$(F21).STRING1$)<>0 THEN HREM=I:COUNT=0:PRINT #2,
     A$(F1):GOSUB 1630:GOSUB 1570:GOTO 1710
1691 IF I>=NMAX THEN FLAG102=1:RETURN
1700 GOTO 1680
1710 REM
1720 G1$="";G2$=""
1730 FOR JJJ=1 TO 5
1740 IF CONS(JJJ)<>0 THEN G1$=G1$+G$(CONS(JJJ))
1750 NEXT JJJ
1760 FOR JJJ=1 TO 2
1770 IF CONS1(JJJ)<>0 THEN G2$=G2$+G$(CONS1(JJJ))
1780 NEXT JJJ
1785 I=0
1790 RETURN
1800 REM ASSIGN FIELD NUMBERS TO AN ARRAY
1810 CONS(1)=F31:CONS(2)=F32:CONS(3)=F33
1820 CONS(4)=F34:CONS(5)=F35
1830 CONS1(1)=F41:CONS1(2)=F42
1840 RETURN
1850 REM SUBROUTINE SUPPORT TO TASK 3
1851 FLAG109=0
1852 I=HREM
1860 REM
1870 GOSUB 1920
1871 IF FLAGERAN=I AND I<NMAX THEN 1870
1880 IF INSTR(A$(F21).STRNG1$)<>0 AND FLAG109=0 THEN
     FLAG109=1:HREM=I:GOSUB 1630: GOSUB 1570:GOTO 1890

```

```

1881 IF INSTR(A$(F21),STRING1$)<>0 AND FLAG109=1 AND G$(F1)=A$(F1) THEN
    GOSUB 1570
1890 IF I<NMAX THEN 1860
1891 IF I>=NMAX AND FLAG109=0 THEN FLAGE=1
1910 RETURN
1920 REM SUBROUTINE INPUT FROM THE RANDOM FILE
1921 FLAGERAN=0
1925 I=I+1
1930 GET #3,INT(I)
1940 IF LEFT$(B$,I)= "*" THEN FLAGERAN=1:RETURN
1950 GOSUB 890
1955 T12$=MID$(TIME$,4,2):IF T12$<>T11$ THEN T11$=T12$:PRINT "WORKING AT
    ";TIME$;:PRINT " Ref.=":PRINT USING "####";HREMP
1960 RETURN

```

### 3.4.2 Prva grupa potprograma - Tip zadatka 1

#### 3.4.2.1 Dijagram toka

Dijagram toka je dat na Slici 3.2.

#### 3.4.2.2 Opis algoritma

Na početku Tipa zadatka 1 program povećava brojač za jedan i zapisuje prvo specifikovano polje u izlaznu grupu podataka. Program dalje ispituje da li mu je opisom zadatka određeno da doda makar jedno polje onom polju koje je već zapisano u izlaznoj grupi podataka i ako jeste, on onda redom ispituje da li je potrebno dodati prvo, drugo ili treće specifikovano polje polju u izlaznoj grupi podataka; sledstveno tome zapisuje odgovarajuće polje u izlaznu grupu podataka i zatim se vraća u glavni program. Ako, međutim, nije potrebno dodati nijedno polje zapisanom polju u izlaznoj grupi podataka, dolazi do povratka u glavni program.

#### 3.4.2.3 Ulazni podaci sa opisom zadatka

Opšta shema po kojoj je dat ulazni skup podataka sa opisom zadatka je prikazana u 2.5.2.3.

#### 3.4.2.4 Tip zadatka 1 - opis

Specifikacija Tipa zadatka 1 ima sledeću sintaksu:

F1,F21,F22,F23

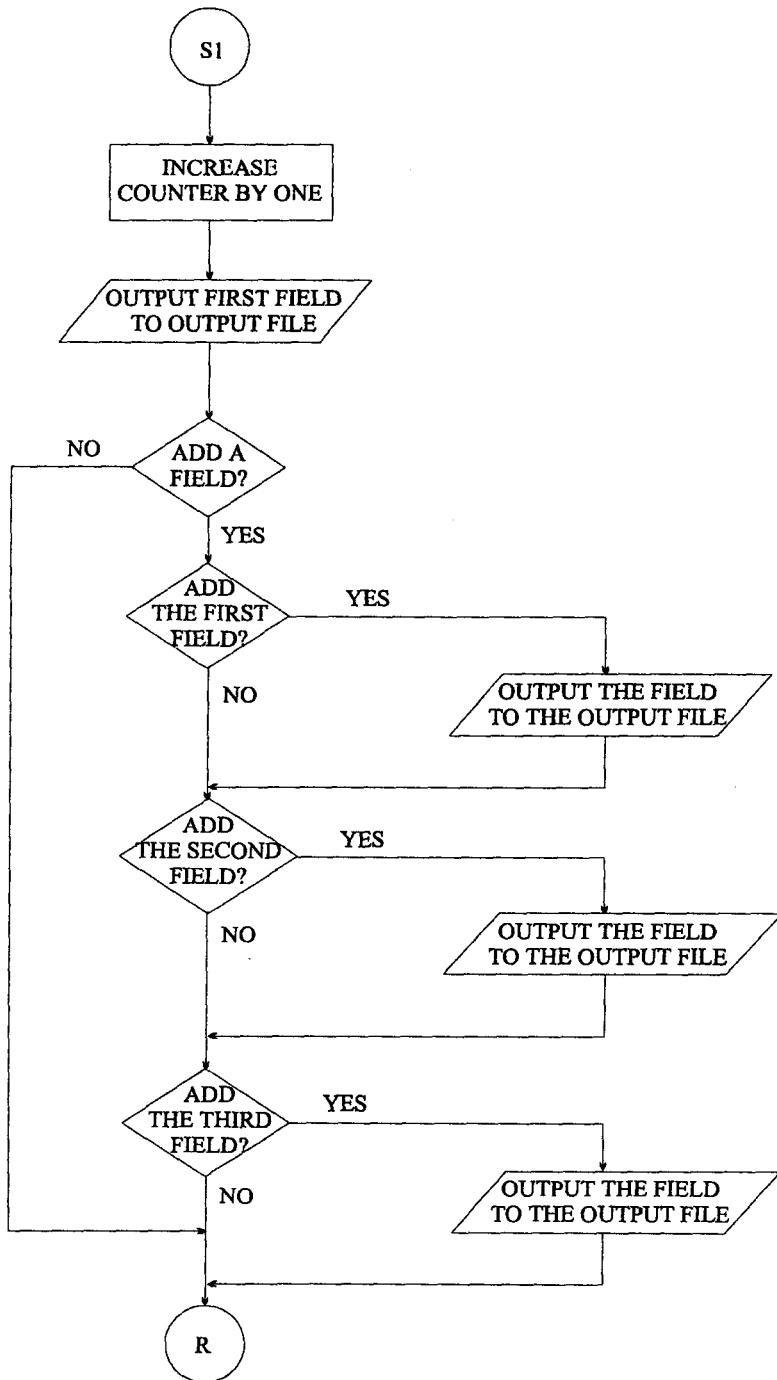
gde je

F1=n, n=1,2,...,16 i gde je n redni broj polja;

F21=n, n=1,2,...,16 i gde je n redni broj polja;

F22=n, n=0,1,...,16 i gde je n redni broj polja;

F23=n, n=0,1,...,16 i gde je n redni broj polja.



Slika 3.2 Tip 1 - shematski prikaz algoritma

### 3.4.2.5 Tip zadatka 1 - primer

Zadatak:

```
wordse1.dat
resultse.012
1526
2,0,0,0,0,0
7,8,1,14
```

dat programu, znači da program treba da procesuje skup ulaznih osnovnih podataka pod imenom wordse1.dat, da izlazne podatke zapiše pod imenom resultse.012, da je maksimalan broj rekorda u osnovnom skupu podataka 1526, da treba da radi Tip zadatka 1, da treba da iz osnovnog skupa podataka izdvoji sve F7 i da im pridruži F8, F1 i F14.

### 3.4.3 Druga grupa potprograma - Tip zadatka 2

#### 3.4.3.1 Dijagram toka

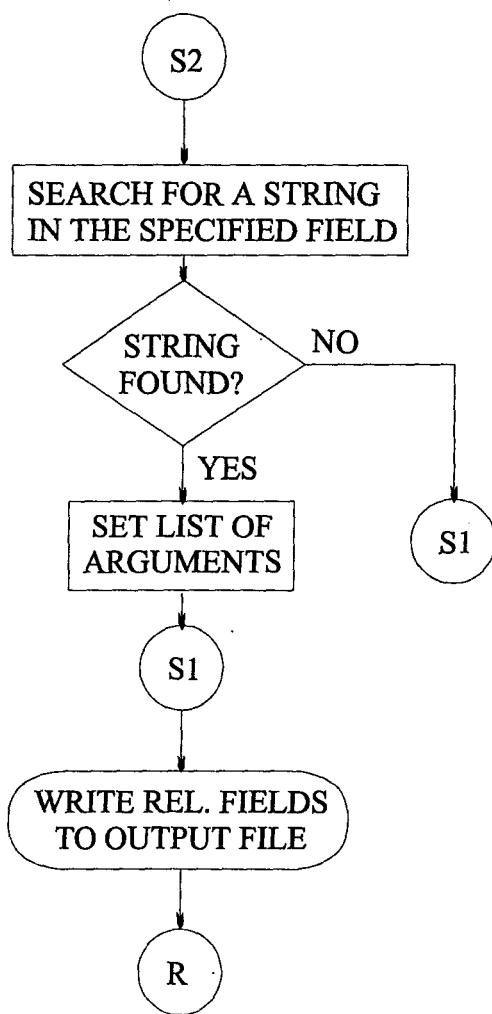
Dijagram toka je prikazan na slici 3.3.

#### 3.4.3.2 Opis algoritma

Na početku Tipa zadatka 2 program traži dati niz karaktera u specifikovanom polju. Ako je niz karaktera pronađen, program dodeljuje vrednosti nizu argumenata i zatim poziva grupu potprograma za izvršavanje Tipa zadatka 1. Posle izvršenja Tipa zadatka 1 sa argumentima Tipa zadatka 2 ili ukoliko specifikovani niz karaktera nije pronađen u datom polju, dolazi do povratka u glavni program.

#### 3.4.3.3 Ulazni podaci sa opisom zadatka

Opšta shema po kojoj je dat ulazni skup podataka sa opisom zadatka je prikazana u 2.5.2.3.



Slika 3.3 Tip zadatka 2 - shematski prikaz algoritma

### 3.4.3.4 Tip zadatka 2 - opis

Specifikacija Tipa zadatka 2 ima sledeću sintaksu:

F1,F21,STRING1\$,F31,F32,F33

gde je

F1=n, n=1,2,...,16 i gde je n redni broj polja;

F21=n, n=1,2,...,16 i gde je n broj polja u kome se nalazi specifikovana karakteristika;

STRING\$=n, n=1,2 i gde je n šifra za specifikovanu karakteristiku;

F31=n, n=1,2,...,16 i gde je n redni broj polja;

F32=n, n=0,1,...,16 i gde je n redni broj polja;

F33=n, n=0,1,...,16 i gde je n redni broj polja.

### 3.4.3.5 Tip zadatka 2 - primer

Zadatak:

```
wordss1.dat
resultss.020
1001
0,2,0,0,0,0
3,11,"1",1,0,0
```

dat programu, znači da program treba da procesuje skup ulaznih osnovnih podataka pod imenom wordss1.dat, da izlazne podatke zapiše pod imenom resultss.020, da je maksimalan broj rekorda 1001, da treba da radi Tip zadatka 2, da treba da iz osnovnog skupa podataka izdvoji sve one F3 koji u F11 imaju karakteristiku "1" i da njima pridruži sve F1.

## 3.4.4 Treća grupa potprograma - Tip zadatka 3

### 3.4.4.1 Dijagram toka

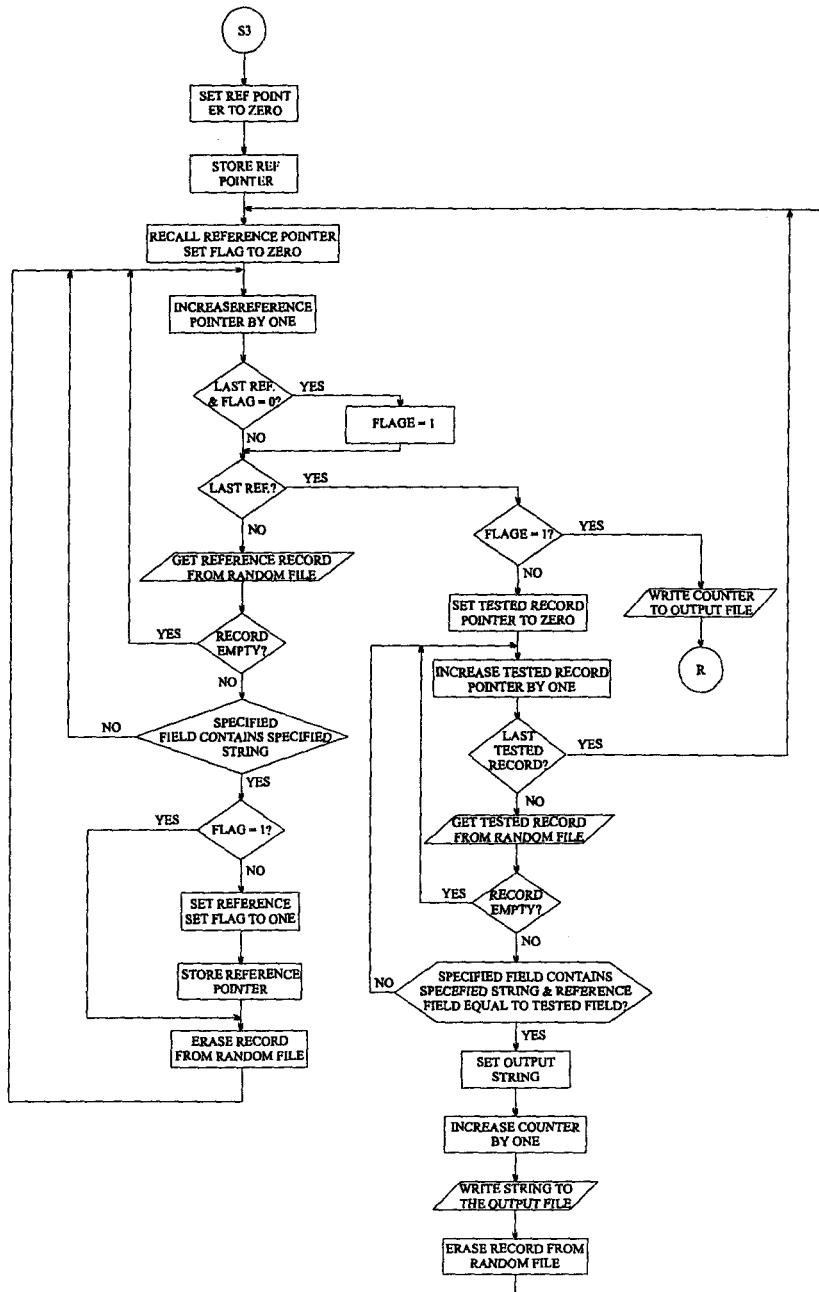
Dijagram toka je dat na Slici 3.4.

### 3.4.4.2 Opis algoritma

Na početku Tipa zadatka 3 program postavlja pokazivač referentnog rekorda na nulu i sačuva pokazivač referentnog rekorda u promenljivoj za memorisanje. U sledećem koraku program čita pokazivač referentnog niza iz promenljive za memorisanje i postavlja promenljivu-indikator na nulu. U sledećem koraku program povećava pokazivač referentnog niza za jedan. Ako

se radi o poslednjem referentnom rekordu, a ako je promenljiva-indikator jednaka nuli, onda program postavlja promenljivu koja označava kraj rada programa na jedan. Ako se radi o poslednjem referentnom rekordu, program prelazi na deo algoritma za testiranje rekorda, a ako ne, onda čita referentni rekord iz grupe podataka sa slučajnim prilazom. U sledećem koraku, program ispituje da li je učitani rekord prazan, i ako jeste, onda se vraća na korak u kojem povećava pokazivač referentnog niza za jedan, posle čega dolazi do ponavljanja procesa; ako rekord nije prazan, program onda ispituje da li specifikovano polje sadrži specifikovani niz karaktera; ako taj niz nije nađen, program se vraća na korak u kojem povećava pokazivač referentnog rekorda za jedan, posle čega dolazi do ponavljanja procesa, a ako je niz karaktera pronađen, onda program ispituje da li je promenljiva-indikator jednaka jedinici; ako nije, program onda postavlja referentni niz pomoću referentnog rekorda, postavlja promenljivu-indikator na jedan i zapisuje pokazivač referentnog rekorda u promenljivoj za memorisanje; ako jeste, program zaobilazi poslednja tri koraka. U sledećem koraku program briše tekući rekord iz grupe podataka sa slučajnim prilazom i vraća se na korak u kojem dolazi do povećanja pokazivača referentnog rekorda za jedan.

Ako je program naišao na poslednji referentni rekord, on onda ispituje da li je promenljiva za označavanje kraja rada jednaka jedinici, i ako jeste, tada zapisuje brojač u grupu izlaznih podataka i vraća se na glavni program; ako nije, onda postavlja pokazivač testiranog rekorda na nulu. U sledećem koraku pokazivač testiranog rekorda se povećava za jedan i program ispituje da li se radi o poslednjem testiranom rekordu, i ako se radi, onda program prelazi na deo algoritma u kojem čita pokazivač referentnog rekorda iz promenljive za memorisanje i postavlja promenljivu-indikator na nulu, posle čega dolazi do ponavljanja procesa; ako ne, onda program čita testirani rekord iz grupe podataka sa slučajnim prilazom i ispituje da li je rekord prazan. Ako jeste, onda se vraća na korak u kojem povećava pokazivač testiranog rekorda za jedan, posle čega dolazi do ponavljanja procesa, a ako nije, onda program ispituje da li specifikovano polje sadrži specifikovani niz karaktera i da li je referentno polje jednako testiranom polju, i ako nije, program se vraća na korak u kojem dolazi do povećanja pokazivača testiranog rekorda za jedan, posle čega dolazi do ponavljanja procesa; ako jeste, onda program postavlja niz karaktera koji će biti zapisani u grupu izlaznih podataka, povećava brojač za jedan, zapisuje dati niz karaktera u grupu izlaznih podataka, briše tekući rekord iz grupe podataka sa slučajnim prilazom i vraća se na korak u kojem čita pokazivač referentnog niza iz promenljive za memorisanje, postavlja promenljivu-indikator na nulu i posle toga dolazi do ponavljanja procesa.



Slika 3.4 Tip zadatka 3 - shematski prikaz algoritma

#### 3.4.4.3 Ulazni podaci sa opisom zadatka

Opšta shema po kojoj je dat ulazni skup podataka sa opisom zadatka je prikazana u 2.5.2.3.

#### 3.4.4.4 Tip zadatka 3 - opis

Specifikacija Tipa zadatka 3 ima sledeću sintaksu:

F1,F21,STRING1\$,STRING2\$,F31,F32

gde je

F1=n, n=1,2,...,16 i gde je n redni broj polja;

F21=n, n=1,2,...,16 i gde je n redni broj polja u kome se nalaze specifikovane karakteristike;

STRING1\$=n, n=1,2 i gde je n specifikovana karakteristika;

STRING2\$=n, n=1,2 i gde je n specifikovana karakteristika;

F31=n, n=0,1,...,16 i gde je n redni broj polja;

F32=n, n=0,1,...,16 i gde je n redni broj polja.

#### 3.4.4.5 Tip zadatka 3 - primer

Zadatak:

```
wordse1.dat
resultse.022
1526
0,0,2,0,0,0
3,11,"1","2",1,0
```

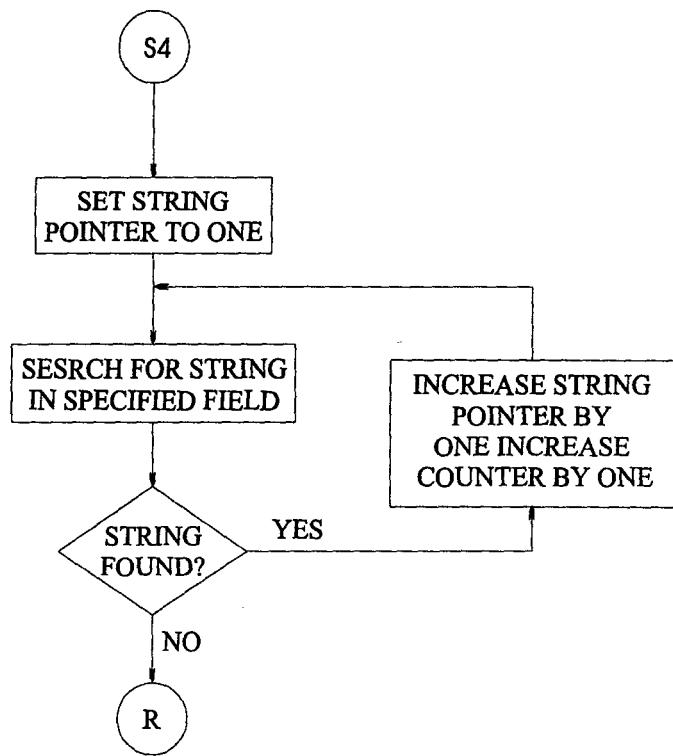
dat programu, znači da program treba da procesuje skup ulaznih osnovnih podataka pod imenom wordse1.dat, da izlazne podatke zapiše pod imenom resultse.022, da je maksimalan broj rekorda 1526, da treba da radi Tip zadatka 3, da treba da iz osnovnog skupa podataka izdvoji sve one F3 koji se u F11 javljaju sa karakteristikom "1" i sa karakteristikom "2" i da njima pridruži F1.

Na osnovu liste izlaznih podataka napravljena je Tabela 4.3.

### 3.4.5 Četvrta grupa potprograma - Tip zadatka 4

#### 3.4.5.1 Dijagram toka

Dijagram toka je prikazan na Slici 3.5.



Slika 3.5 Tip zadatka 4 - shematski prikaz algoritma

#### 3.4.5.2 Opis algoritma

Na početku Tipa zadatka 4 program postavlja pokazivač niza karaktera na prvi karakter specifikovanog polja, zatim traži zadati niz karaktera u datom polju i ako je taj niz pronađen, program tad povećava brojač za jedan, povećava pokazivač niza karaktera za jedan i ponovo traži dati niz u datom polju. Ako dati niz nije pronađen, dolazi do povratka u glavni program.

#### 3.4.5.3 Ulazni podaci sa opisom zadatka

Opšta shema po kojoj je dat ulazni skup podataka sa opisom zadatka je prikazana u 2.5.2.3.

#### 3.4.5.4 Tip zadatka 4 - opis

Specifikacija Tipa zadatka 4 ima sledeću sintaksu:

F1,STRING1\$

gde je

F1=n, n=1,2,...,16 i gde je n redni broj polja;

STRING1\$ specifikovani string karaktera.

#### 3.4.5.5 Tip zadatka 4 - primer

Zadatak:

```
wordss1.dat
resultss.28b
1001
0,0,0,1,0,0
13,"R01"
```

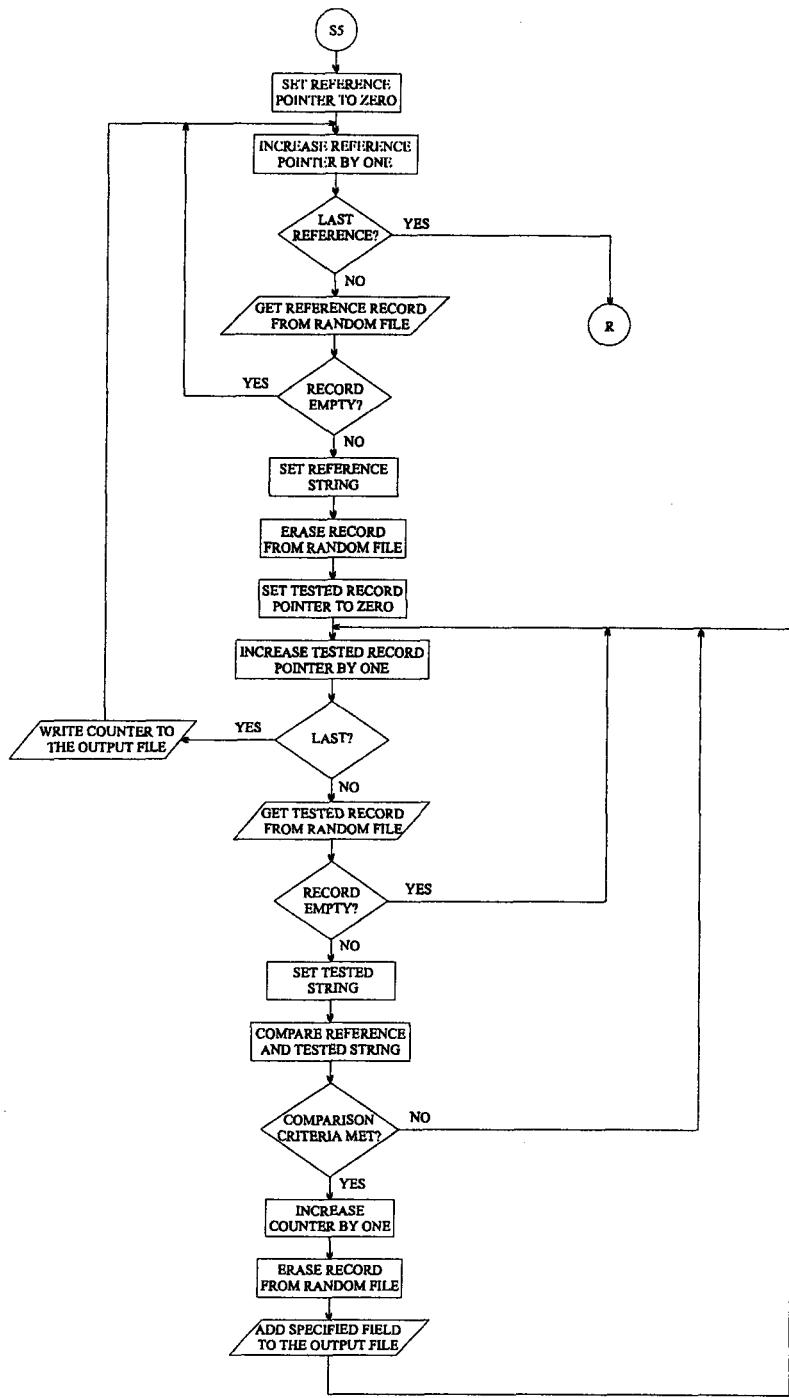
dat programu, znači da program treba da procesuje skup ulaznih osnovnih podataka pod imenom wordss1.dat, da izlazne podatke zapiše pod imenom resultss.28b, da je maksimalan broj rekorda 1001, da treba da radi Tip zadatka 4, da treba da prebroji karakteristiku "R01" u F13.

Izlazni podatak se nalazi u Tabeli 7.5.

### 3.4.6 Peta grupa potprograma - Tip zadatka 5

#### 3.4.6.1 Dijagram toka

Dijagram toka je dat na Slici 3.6.



Slika 3.6 Tip zadatka 5 - shematski pikaz algoritma

### 3.4.6.2 Opis algoritma

Na početku tipa zadatka 5 program postavlja pokazivač referentnog rekorda na nulu. U sledećem koraku pokazivač referentnog rekorda se povećava za jedan i zatim program ispituje da li se radi o poslednjem referentnom rekordu, i ako se radi, onda se vraća u glavni program, a ako ne, onda produžava sa radom i čita referentni rekord iz grupe podataka sa slučajnim prilazom. Zatim ispituje da li je rekord prazan, i ako jeste, program se vraća na korak u kojem povećava pokazivač referentnog rekorda za jedan i ponavlja ceo proces, a ako nije, onda postavlja dati rekord za referentni niz i briše taj rekord iz grupe podataka sa slučajnim prilazom. Program zatim postavlja pokazivač testiranog rekorda na nulu. U sledećem koraku program povećava pokazivač testiranog rekorda za jedan i ispituje da li se radi o poslednjem testiranom rekordu i ako se radi, program onda zapisuje brojač u izlaznu grupu podataka i vraća se na korak u kojem povećava pokazivač referentnog rekorda za jedan, posle čega dolazi do ponavljanja procesa; a ako se ne radi, onda program čita testirani rekord iz grupe podataka sa slučajnim prilazom i ispituje da li je rekord prazan. Ako je rekord prazan, program se vraća na korak u kojem povećava pokazivač testiranog rekorda za jedan i proces se ponavlja, a ako nije, onda postavlja testirani niz na osnovu datog rekorda. U sledećem koraku program upoređuje referentni i testirani niz, i ako je zadovoljen kriterijum poređenja, onda program povećava brojač za jedan, dodaje zadato polje testiranog rekorda u grupu izlaznih podataka i briše dati rekord iz grupe podataka sa slučajnim prilazom, posle čega se vraća na korak u kojem povećava pokazivač testiranog rekorda za jedan. Ako, međutim, kriterijum poređenja nije zadovoljen, program se odmah vraća na korak u kojem povećava pokazivač testiranog rekorda za jedan i proces se ponavlja.

### 3.4.6.3 Ulazni podaci sa opisom zadatka

Opšta shema po kojoj je dat ulazni skup podataka sa opisom zadatka je prikazana u 2.5.2.3.

### 3.4.6.4 Tip zadatka 5 - opis

Specifikacija Tipa zadatka 5 ima sledeću sintaksu:

F1,F21,F22

gde je

F1=n, n=1 pošto je izlaz string F1;

F21=n, n=13 pošto rekord reference i rekord para treba da su jednaki s obzirom na F13;

F22=n, n=16 pošto rekord reference i rekord para treba da su jednaki s obzirom na F16.

### 3.4.6.5 Tip zadatka 5 - primer

Zadatak:

```
wordsx.dat  
resultsx.dat  
2527  
0,0,0,0,1,0  
1,13,16
```

dat programu, znači da program treba da procesuje skup ulaznih osnovnih podataka pod imenom wordsx.dat (skup je formiran od skupova osnovnih podataka pod imenom wordse1.dat i wordss1.dat), da treba da zapisi izlazne podatke pod imenom resultsx.dat, da je maksimalan broj rekorda 2527 (1526 + 1001), da treba da radi Tip zadatka 5, da treba da iz osnovnog skupa podataka izdvoji sve F1 koji su jednaki na F13 i F16 (gde se F13 i F16 tretira kao jedan string).

Izlazni podaci se nalaze u Tabeli 7.1.

## 3.4.7 Šesta grupa potprograma - Tip zadatka 6

### 3.4.7.1 Dijagram toka

Dijagram toka je dat na Slici 2.1.

### 3.4.7.2 Opis algoritma

Algoritam je opisan u 2.5.2.1.

### 3.4.7.3 Ulazni podaci sa opisom zadatka

Opšta shema po kojoj je dat ulazni skup podataka sa opisom zadatka je prikazana u 2.5.2.3.

### 3.4.7.4 Tip zadatka 6 - opis

Opis zadatka je dat u 2.5.2.3.1, 2.5.2.3.2, 2.5.2.3.3 i 2.5.2.3.4.

### 3.4.7.5 Tip zadatka 6 - primeri

Primeri su dati u 2.5.2.3.1.1, 2.5.2.3.2.1, 2.5.2.3.3.1 i 2.5.2.3.4.1.

## **4. Glagolske komponente u strukturi imeničkih složenica u engleskom i srpskohrvatskom jeziku**

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### **4.1 Predmet i cilj rada**

Na temelju zaključaka istraživanja (vidi Janković, 1986): da elementi složenice nemaju status reči, da se, po implikaciji, ne mogu klasifikovati po vrsti reči i da je dihotomizacija N - V sporna, te da ukoliko se traži veza između reči i elemenata složenice ona može biti samo u tom smislu da reči mogu motivisati složenicu, uzeli smo za predmet ovog dela rada glagole od kojih elementi složenice na osnovu njenog značenja potencijalno vode poreklo (gde se termin poreklo uzima u njegovom generativnom (sinhronom), a ne u genetskom (dijahronom) smislu i postavili cilj da damo pregled svih motivišućih glagola u oba jezika, da ih klasifikujemo s obzirom na kompatibilnost sa određenom dubinskom značenjskom relacijom i s obzirom na mesto eksponenta motivišućeg glagola u prvom ili drugom delu binomne složenice, da ustanovimo stepen produktivnosti pojedinih glagola u oba jezika i da rezultate uporedimo.

### **4.2 Pregled glagola**

#### **4.2.1 Pregled glagola u engleskom jeziku**

Lista glagola sa kojima su glagolske komponente u složenicama u generativnoj vezi data je u potpunosti u Tabeli 4.1. Rezultati su štampani u dva stupca sa po tri kolone gde su u prvoj koloni dati glagoli sa kojima su glagolske komponente u složenicama u generativnoj vezi, u drugoj odgovarajuće složenice i u trećoj šifra za agentivnost (1) ili neagentivnost (2). Čitalac se dalje upućuje na relevantna mesta u odeljku 2.5.1 u kome je objašnjen način kodiranja i na prikaz programa i Zadatka 1 u poglavljiju 3. čiji je data lista autput.

#### **4.2.2 Pregled glagola u srpskohrvatskom jeziku**

Objašnjenje kao u 4.2.1 Rezultati su prikazani u Tabeli 4.2.

**Tabela 4.1** Pregled engleskih glagola sa kojima su glagolske komponente u složenicama u generativnoj vezi

ache	_backache	_2	boil	_soap-boiler	_1
ache	_bellyache	_2	boil	_soap-boiling	_1
ache	_ear-ache	_2	book	_booking-hall	_1
ache	_face-ache	_2	book	_booking-office	_1
ache	_headache	_2	box	_boxing-glove	_1
ache	_heartache	_2	break	_bone-breaker	_1
ache	_toothache	_2	break	_break-bones	_1
answer	_answerphone	_1	break	_break-jaw	_1
bait	_bull-baiter	_1	break	_break-wind	_1
bait	_bull-baiting	_1	break	_breakneck	_1
bake	_bake-house	_1	break	_breakwater	_1
bake	_bake-stone	_1	break	_circuit-breaker	_1
bake	_baking-powder	_1	break	_daybreak	_2
bake	_baking-soda	_1	break	_diamond-breaker	_1
bake	_sugar-baker	_1	break	_faith-breaker	_1
bathe	_bathing-costume	_1	break	_fire_break	_2
bathe	_bathing-dress	_1	break	_heart-break	_2
bathe	_bathing-machine	_1	break	_heartbreaker	_1
bathe	_bathing-suit	_1	break	_housebreaker	_1
bathe	_bathing_cap	_1	break	_housebreaking	_1
bathe	_sea-bather	_1	break	_ice-breaker	_1
bathe	_sea-bathing	_1	break	_image-breaker	_1
bathe	_surf-bather	_1	break	_image-breaking	_1
bathe	_surf-bathing	_1	break	_jailbreak	_1
bear	_cross-bearer	_1	break	_law-breaker	_1
bear	_flame-bearer	_1	break	_nut_breaker	_1
bear	_lantern-bearer	_1	break	_peace-breaker	_1
bear	_rush-bearing	_1	break	_prison-breaker	_1
bear	_sword-bearer	_1	break	_prison-breaking	_1
bear	_talebearer	_1	break	_rock-breaker	_1
bear	_talebearing	_1	break	_safebreaker	_1
bear	_torch-bearer	_1	break	_shell-breaker	_1
beat	_drumbeat	_1	break	_ship-breaker	_1
beat	_egg-beater	_1	break	_shop-breaker	_1
beat	_gold-beater	_1	break	_shopbreaking	_1
beat	_heart_beat	_2	break	_stone-breaker	_1
beg	_street_beggar	_1	break	_stone-breaking	_1
bend	_mind-bending	_1	break	_sword-breaker	_1
bind	_bindweed	_1	break	_wind-break	_1
bind	_book-bindery	_1	breathe	_water-breather	_2
bind	_bookbinder	_1	breathe	_water-breathing	_2
bind	_bookbinding	_1	breed	_breeding-ground	_1
bite	_ox-biter	_1	brew	_beer_brewer	_1
bite	_sheep-biter	_1	brew	_beer_brewing	_1
black	_bootblack	_1	brush	_brushing-machine	_1
black	_shoebblack	_1	build	_boat_builder	_1
blaze	_blazing-star	_2	build	_boat_building	_1
bleed	_bleeding-heart	_2	build	_body-building	_1
bleed	_nosebleed	_2	build	_castle-builder	_1
blot	_blotting-paper	_1	build	_castle_building	_1
blow	_blowgun	_1	build	_coachbuilder	_1
blow	_blowpipe	_1	build	_coach_building	_1
blow	_glass-blower	_1	build	_empire-builder	_1
boil	_boiling-chicken	_1	build	_empire-building	_1

build	_house-builder	-1	change	_changing-room	-1
build	_house-building	-1	change	_moneychanger	-1
build	_shipbuilder	-1	charm	_snake-charmer	-1
build	_shipbuilding	-1	chase	_fox-chase	-1
build	_word-building	-1	check	_check-point	-1
burn	_brick-burner	-1	check	_check-time	-1
burn	_coal-burner	-1	chew	_chewing-gum	-1
burn	_coal-burning	-1	chew	_chewing-tobacco	-1
burn	_lime-burner	-1	chew	_gum-chewer	-1
burn	_sunburn	-1	chew	_gum-chewing	-1
burn	_windburn	-1	chill	_spine-chiller	-1
burst	_cloudburst	-2	choke	_choke-apple	-2
burst	_rain_burst	-2	choke	_choke-cherry	-2
burst	_thunder_burst	-2	choke	_choke-pear	-2
call	_bird-call	-1	choke	_choke-weed	-2
call	_call-bell	-1	choke	_chokeberry	-2
call	_call-bird	-1	chop	_cherry-chopper	-1
call	_call-box	-1	chop	_cotton-chopper	-1
call	_call-boy	-1	clap	_hand_clap	-1
call	_call-day	-1	clasp	_hand_clasp	-1
call	_call-girl	-1	clean	_carpet_cleaner	-1
call	_call_button	-1	clean	_cleaning_lady	-1
call	_phone_call	-1	clean	_cleaning_woman	-1
call	_roll-call	-1	clean	_house-cleaner	-1
call	_trumpet-call	-1	clean	_house-cleaning	-1
carry	_carrycot	-1	clean	_kettle_clean	-1
carry	_lantern-carrier	-1	clean	_spring-cleaning	-1
carry	_letter-carrier	-1	clean	_street-cleaner	-1
carry	_troop_carrier	-1	clean	_street-cleaning	-1
carry	_water-carrier	-1	clean	_vacuum-cleaner	-1
carry	_water-carrier	-1	clean	_window-cleaner	-1
carve	_carving_fork	-1	clean	_wool-cleaner	-1
carve	_carving_knife	-1	climb	_climbing-boot	-1
carve	_wood-carver	-1	climb	_climbing_plant	-1
carve	_wood-carving	-1	climb	_hook-climber	-1
catch	_bird-catcher	-1	climb	_rock-climbing	-1
catch	_catch-basin	-1	climb	_root-climber	-1
catch	_catch-phrase	-1	collect	_book-collecting	-1
catch	_catch-pit	-1	collect	_book-collector	-1
catch	_catchfly	-1	collect	_stamp-collecting	-1
catch	_catchpenny	-1	collect	_stamp-collector	-1
catch	_catchweed	-1	collect	_tax-collector	-1
catch	_catchword	-1	collect	_ticket-collector	-1
catch	_crab-catcher	-1	comb	_wool-combing	-1
catch	_dog-catcher	-1	come	_home-coming	-1
catch	_dog-catching	-1	come	_home_comer	-1
catch	_eel-catcher	-1	compose	_composing-machine	-1
catch	_eel-catching	-1	condense	_air-condenser	-1
catch	_fly-catcher	-1	condense	_air-condensing	-1
catch	_fly-catcher	-1	consume	_coal-consumer	-1
catch	_fly-catcher	-1	consume	_coal-consuming	-1
catch	_gnat-catcher	-1	cook	_cookhouse	-1
catch	_oyster-catcher	-1	cook	_cooking-cheese	-1
catch	_rat-catcher	-1	cook	_cooking-oil	-1
catch	_rat-catching	-1	cool	_air-cooler	-1
catch	_spider-catcher	-1	cool	_air-cooling	-1
catch	_thief-catcher	-1	cool	_butter-cooler	-1
change	_change-room	-1	cool	_cake_cooler	-1

cool	_water-cooler	-1	dance	_toe-dancer	-1
cool	_water-cooling	-1	dance	_torch-dance	-1
cool	_wine-cooler	-1	dance	_wire-dancer	-1
cover	_dish-cover	-1	dance	_wire-dancing	-1
cover	_table-cover	-1	dare	_dare-devil	-1
crack	_nut-cracker	-1	design	_costume_designer	-1
crack	_nutcracker	-1	design	_pattern-designer	-1
crack	_shell_cracker	-1	detect	_gas-detector	-1
creep	_tree-creeper	-1	detect	_metal_detector	-1
cross	_border-crosser	-1	detect	_mine_detector	-1
crow	_cock-crow	-1	dig	_coal-digger	-1
crow	_cock-crowing	-1	dig	_coal-digging	-1
crush	_corn-crusher	-1	dig	_grave-digger	-1
crush	_stone-crusher	-1	dine	_dining-hall	-1
cry	_cry-baby	-2	dine	_dining_car	-1
cure	_mind-curer	-1	dine	_dining_room	-1
curl	_curling-stone	-1	dine	_dining_table	-1
curl	_curling_iron	-1	dip	_dip-net	-1
cut	_butter-cutter	-1	dip	_dip-stick	-1
cut	_cheese_cutter	-1	dip	_dipping-well	-1
cut	_corn_cutter	-1	dive	_cave-diver	-1
cut	_cut-throat	-1	dive	_diving_board	-1
cut	_cutpurse	-1	dive	_pearl-diver	-1
cut	_cutting_diamond	-1	dive	_sky-diver	-1
cut	_cutwater	-1	dive	_sky-diving	-1
cut	_cutworm	-1	do	_do-gooder	-1
cut	_diamond-cutter	-1	do	_evil-doer	-1
cut	_diamond-cutting	-1	do	_evil-doing	-1
cut	_gem-cutter	-1	do	_good-doer	-1
cut	_gem-cutting	-1	do	_ill-doing	-1
cut	_glass-cutter	-1	do	_wrong-doer	-1
cut	_hair-cutting	-1	do	_wrong-doing	-1
cut	_haircut	-1	drag	_drag-anchor	-2
cut	_heel-cutter	-1	drag	_drag-bar	-1
cut	_leaf-cutter	-1	drag	_drag-net	-1
cut	_letter-cutter	-1	drain	_draining_board	-1
cut	_mable-cutter	-1	draw1	_draw-bar	-1
cut	_paper-cutter	-1	draw1	_draw-boy	-1
cut	_paste-cutter	-1	draw1	_draw-knife	-1
cut	_plant-cutter	-1	draw1	_draw-net	-1
cut	_stone-cutter	-1	draw1	_draw-well	-1
cut	_type-cutter	-1	draw1	_drawbridge	-1
cut	_wheel-cutter	-1	draw1	_drawing-bridge	-1
cut	_wood-cutter	-1	draw1	_drawing-knife	-1
cut	_wood-cutting	-1	draw1	_drawing-machine	-1
cut	_woodcut	-1	draw1	_drawing-table	-1
dance	_belly_dancer	-1	draw1	_drawstring	-1
dance	_dance-hall	-1	draw1	_wire-drawer	-1
dance	_dancing-girl	-1	draw2	_drawing-board	-1
dance	_dancing-partner	-1	draw2	_drawing-frame	-1
dance	_dancing_bear	-1	draw2	_drawing-paper	-1
dance	_dancing_shoe	-1	draw2	_drawing-pen	-1
dance	_ice-dance	-1	draw2	_drawing-pencil	-1
dance	_ice-dancer	-1	draw2	_drawing-pin	-1
dance	_rope-dancer	-1	draw2	_drawing-room	-1
dance	_rope-dancing	-1	draw2	_pattern-drawer	-1
dance	_skirt_dancing	-1	dream	_daydream	-2

dream	_daydreamer	_2	eat	_fish-eater	_1
dress	_hairdresser	_1	eat	_frog-eater	_1
dress	_hairdressing	_1	eat	_honey-eater	_1
dress	_stone-dresser	_1	eat	_lotus-eater	_1
dress	_vine-dresser	_1	eat	_man-eater	_1
dress	_window-dresser	_1	eat	_seed-eater	_1
dress	_window-dressing	_1	eat	_stone-eater	_1
dress	_wool-dresser	_1	eat	_toad-eater	_1
drift	_cloud-drift	_2	eat	_worm-eater	_1
drift	_drift-anchor	_2	edge	_lawn-edger	_1
drift	_drift-net	_2	erase	_ink-eraser	_1
drift	_driftice	_2	erase	_pencil_eraser	_1
drift	_driftweed	_2	extinguish	_fire-extinguisher	_1
drift	_driftwood	_2	fall	_dew_fall	_2
drift	_ice-drift	_2	fall	_falling_star	_2
drift	_river-drift	_1	fall	_ice-fall	_2
drift	_snow-drift	_2	fall	_ice_fall	_2
drift	_star-drift	_2	fall	_nightfall	_2
drill	_drilling-machine	_1	fall	_rainfall	_2
drill	_rock-drill	_1	fall	_rock-fall	_2
drink	_beer_drinker	_1	fall	_snow-fall	_2
drink	_coffee-drinker	_1	fall	_waterfall	_2
drink	_coffee-drinking	_1	fall	_windfall	_1
drink	_drinking-man	_1	fasten	_heel-fastener	_1
drink	_drinking-water	_1	fasten	_paper-fastener	_1
drink	_drinking_chocolate	_1	feed	_feeding-bottle	_1
drink	_drinking_straw	_1	feed	_feeding-time	_1
drink	_tea-drinker	_1	feed	_feeding-tube	_1
drink	_water-drinker	_1	feed	_insect-feeder	_1
drink	_wine-drinker	_1	feed	_paper-feeder	_1
drive	_bus-driver	_1	feed	_seed-feeder	_1
drive	_driving-licence	_1	fetch	_fetch-water	_1
drive	_driving-wheel	_1	fight	_bullfight	_1
drive	_engine-driver	_1	fight	_bullfighter	_1
drive	_lorry_driver	_1	fight	_bulldfighting	_1
drive	_screwdriver	_1	fight	_bush-fighter	_1
drive	_stage-driver	_1	fight	_bush_fighting	_1
drive	_taxi_driver	_1	fight	_cock-fight	_1
drop	_air-drop	_1	fight	_cock-fighting	_1
drop	_drop-curtain	_1	fight	_fire-fighter	_1
drop	_drop-hammer	_1	fight	_pillow-fight	_1
drop	_drop-seed	_1	fight	_prize-fight	_1
drop	_drop-zone	_1	fight	_prize-fighter	_1
drop	_drop_seat	_1	fight	_prize-fighter	_1
dry	_hair_drier	_1	fight	_prize-fighting	_1
dwell	_cave-dweller	_2	fight	_sea-fight	_1
dwell	_dwelling-house	_2	fight	_shadow-fight	_1
dwell	_dwelling-place	_2	fight	_shadow-fight	_1
dwell	_town-dweller	_2	fill	_shelf_filler	_1
earn	_wage-earner	_1	filter	_filtering-basin	_1
earn	_wage-earning	_1	filter	_filtering-tank	_1
eat	_bee-eater	_1	find	_fault-finder	_1
eat	_crab-eater	_1	find	_fault-finding	_1
eat	_dirt-eater	_1	find	_gold-finder	_1
eat	_dirt-eating	_1	find	_key-finder	_1
eat	_eating-house	_1	find	_path-finder	_1
eat	_eating-place	_1	find	_position-finder	_1
eat	_fire-eater	_1	find	_water-finder	_1

find	_witch-finder	_1	greet	_greeting_card	_1
fish	_fish-hook	_1	grill	_grilling-steak	_1
fish	_fishing-boat	_1	grind	_axe-grinder	_1
fish	_fishing-line	_1	grind	_coffee-grinder	_1
fish	_fishing-net	_1	grind	_grinding-wheel	_1
fish	_fishing-rod	_1	grind	_grindstone	_1
fish	_fly-fisher	_1	grind	_knife-grinder	_1
fish	_fly-fishing	_1	grind	_knife-grinder	_1
fish	_sea-fisher	_1	grind	_scissor-grinder	_1
fish	_sea-fishing	_1	grip	_hairgrip	_1
fish	_seal-fisher	_1	grow	_apple-grower	_1
fish	_seal-fishing	_1	grow	_apple-growing	_1
fish	_sponge-fisher	_1	grow	_coffee-grower	_1
fish	_sponge-fishing	_1	grow	_coffee-growing	_1
fit	_gas-fitter	_1	grow	_corn-grower	_1
float	_float-copper	_2	grow	_corn-growing	_1
float	_float-gold	_2	grow	_flower-grower	_1
float	_float-mineral	_2	grow	_flower-growing	_1
float	_float-ore	_2	grow	_fruit_grower	_1
float	_float-quartz	_2	grow	_fruit_growing	_1
float	_float-stone	_2	grow	_hay-grower	_1
float	_floating_grass	_2	grow	_hay-growing	_1
flow	_air-flow	_2	grow	_melon-grower	_1
flow	_water-flow	_2	grow	_melon-growing	_1
fold	_folding-door	_2	grow	_rice-grower	_1
fold	_folding-machine	_1	grow	_rice-growing	_1
fold	_paper-folder	_1	grow	_wheat-grower	_1
follow	_fashion-follower	_1	grow	_wheat-growing	_1
found	_iron-founder	_1	grow	_wine-grower	_1
frame	_picture_framing	_1	grow	_wine-growing	_1
freeze	_wage-freeze	_1	grub	_money-grubber	_1
freshen	_air_freshener	_1	guide	_guide-book	_1
fret	_vine-fretter	_1	guide	_honey-guide	_1
fry	_frying-pan	_1	hang	_coat_hanger	_1
fry	_frying-steak	_1	hang	_hangdog	_1
gamble	_gambling-man	_1	hang	_hangman	_1
gamble	_gambling_house	_1	hang	_paper-hanger	_1
gather	_egg-gatherer	_1	heal	_mind-healer	_1
gather	_egg-gathering	_1	heal	_mind-healing	_1
gather	_wool-gathering	_1	heat	_gas-heater	_1
gaze	_star-gazer	_1	heat	_space-heater	_1
gaze	_star-gazing	_1	heat	_space-heating	_1
giggle	_giggle-smoke	_2	hide	_hiding-place	_1
give	_blood-giver	_1	hold	_bottle_holder	_1
give	_blood-giving	_1	hold	_card_holder	_2
give	_bribe-giver	_1	hold	_cigarette-holder	_1
give	_law-giver	_1	hold	_holding_fee	_1
glow	_glow-worm	_2	hold	_householder	_2
go	_chapelgoer	_1	hold	_inn_holder	_2
go	_church-goer	_1	hold	_inn_holding	_2
go	_church-going	_1	hold	_land-holder	_2
go	_concertgoer	_1	hold	_land-holding	_2
go	_go-cart	_1	hold	_moisture-holder	_1
go	_picture-goer	_1	hold	_music-holder	_1
go	_shore-going	_1	hold	_onion_holder	_1
go	_theatre-goer	_1	hold	_pen-holder	_1
grab	_land-grabber	_1	hold	_plate-holder	_1
grab	_land-grabbing	_1	hold	_rush-holder	_1

hold	_ship-holder	-1	keep	_clock_keeping	-1
hold	_slave-holder	-2	keep	_cow-keeper	-1
hold	_slave-holding	-2	keep	_cow-keeping	-1
hold	_titleholder	-2	keep	_door-keeper	-1
hop	_grasshopper	-1	keep	_game-keeper	-1
hop	_leaf-hopper	-1	keep	_gate-keeper	-1
hop	_rock-hopper	-1	keep	_goalkeeper	-1
hop	_sand-hopper	-1	keep	_green-keeper	-1
hop	_tree-hopper	-1	keep	_horse_keeper	-1
hum	_humming-bird	-1	keep	_horse Keeping	-1
hunt	_buffalo-hunter	-1	keep	_housekeeper	-1
hunt	_buffalo-hunting	-1	keep	_housekeeping	-1
hunt	_duck-hunting	-1	keep	_innkeeper	-1
hunt	_fortune-hunter	-1	keep	_park_keeper	-1
hunt	_fox-hunt	-1	keep	_peace-keeper	-1
hunt	_fox-hunter	-1	keep	_safe-keeping	-1
hunt	_fox-hunting	-1	keep	_school_keeper	-1
hunt	_head-hunt	-1	keep	_sheep-keeper	-1
hunt	_head-hunter	-1	keep	_shopkeeper	-1
hunt	_head-hunting	-1	keep	_shopkeeping	-1
hunt	_hunting-ant	-1	keep	_street-keeper	-1
hunt	_hunting-cog	-1	keep	_swine-keeping	-1
hunt	_hunting-dog	-1	keep	_time-keeper	-1
hunt	_hunting-field	-1	keep	_zoo-keeper	-1
hunt	_hunting-ground	-1	kick	_corner-kick	-1
hunt	_hunting-party	-1	kill	_ant_killer	-1
hunt	_hunting-spider	-1	kill	_cane-killer	-1
hunt	_place-hunter	-1	kill	_fly_killer	-1
hunt	_rat-hunting	-1	kill	_insect_killer	-1
hunt	_slave-hunt	-1	kill	_joy_killer	-1
hunt	_treasure-hunt	-1	kill	_kill-devil	-1
hunt	_treasure-hunter	-1	kill	_kill-joy	-1
hunt	_tuft-hunter	-1	kill	_kill-time	-1
hunt	_tuft-hunting	-1	kill	_king-killer	-1
hunt	_witch-hunt	-1	kill	_lady-killer	-1
hush	_hush-money	-1	kill	_lady-killing	-1
ice	_icing-sugar	-1	kill	_mercy_killing	-1
indicate	_gas-indicator	-1	kill	_moth_killer	-1
iron	_ironing-board	-1	kill	_pain-killer	-1
jerk	_tearjerker	-1	kill	_time-killer	-1
jog	_jogging_shoe	-1	kill	_time-killing	-1
jump	_jump_jockey	-1	kill	_weed-killer	-1
jump	_ski-jumping	-1	knit	_knitting-needle	-1
jump	_ski_jump	-1	land	_belly-landing	-1
jump	_sky-jumping	-1	land	_landing-field	-1
keep	_bar-keeper	-1	land	_landing-place	-1
keep	_barkeep	-1	laugh	_laughing-gas	-2
keep	_beekeeper	-1	laugh	_laughing-stock	-2
keep	_beekeeping	-1	lay	_bricklayer	-1
keep	_book-keeper	-1	lay	_minelayer	-1
keep	_book-keeping	-1	lend	_money-lender	-1
keep	_box-keeper	-1	lend	_money-lending	-1
keep	_bridge-keeper	-1	lick	_bootlick	-1
keep	_bridge-keeping	-1	lick	_bootlicker	-1
keep	_cash-keeper	-1	lick	_bootlicking	-1
keep	_cash-keeping	-1	lick	_foot-licker	-1
keep	_clock_keeper	-1	lick	_salt-lick	-1
			lift	_body-lifter	-1

lift	_lift-bridge	-1	make	_chain_making	-1
lift	_lift-gate	-1	make	_chair_maker	-1
lift	_lifting-bridge	-1	make	_chair_making	-1
lift	_lifting-gate	-1	make	_cheese_maker	-1
lift	_shop-lifter	-1	make	_cheese_making	-1
lift	_shop-lifting	-1	make	_chocolate-maker	-1
lift	_weight-lifter	-1	make	_chocolate-making	-1
lift	_weight_lifting	-1	make	_cigar_maker	-1
light	_candle-lighter	-1	make	_cigar_making	-1
light	_candle-lighter	-1	make	_clog_maker	-1
light	_cigarette-lighter	-1	make	_clog_making	-1
light	_firelighter	-1	make	_cloth-maker	-1
light	_lamp_lighter	-1	make	_coach_maker	-1
line	_eyeliner	-1	make	_coach_making	-1
live	_living_room	-2	make	_coffee_maker	-1
live	_town-living	-2	make	_coffin_maker	-1
locate	_metal_locator	-1	make	_coffin_making	-1
look	_looking-glass	-1	make	_cradle_maker	-1
love	_animal-lover	-2	make	_cradle_making	-1
love	_animal-loving	-2	make	_cream-maker	-1
love	_bird-lover	-2	make	_cream-making	-1
love	_flower-lover	-2	make	_cross-maker	-1
love	_freedom-lover	-2	make	_cross-making	-1
love	_freedom-loving	-2	make	_die_maker	-1
love	_music-lover	-2	make	_die_making	-1
love	_peace-lover	-2	make	_doll_maker	-1
love	_peace-loving	-2	make	_dress-maker	-1
love	_pleasure-lover	-2	make	_dress-making	-1
mable	_paper-mabler	-1	make	_felt_maker	-1
magnify	_magnifying_glass	-1	make	_felt_making	-1
make	_arrow-maker	-1	make	_film_maker	-1
make	_bed-maker	-1	make	_film_making	-1
make	_bootmaker	-1	make	_flymaker	-1
make	_bootmaking	-1	make	_furniture-maker	-1
make	_bread_maker	-1	make	_furniture-making	-1
make	_brickmaker	-1	make	_glove-maker	-1
make	_brickmaking	-1	make	_glove-making	-1
make	_broom-maker	-1	make	_gum_maker	-1
make	_brush-maker	-1	make	_gum_making	-1
make	_butter_maker	-1	make	_gunmaker	-1
make	_butter_making	-1	make	_harness-maker	-1
make	_button_maker	-1	make	_harness-making	-1
make	_button_making	-1	make	_hat_maker	-1
make	_cabinet-maker	-1	make	_hat_making	-1
make	_cabinetmaking	-1	make	_hay-maker	-1
make	_candle_maker	-1	make	_hay-making	-1
make	_candle_making	-1	make	_heel-maker	-1
make	_candy_maker	-1	make	_holidaymaker	-1
make	_candy_making	-1	make	_hook_maker	-1
make	_canoe-maker	-1	make	_image-maker	-1
make	_canoe-making	-1	make	_lace_maker	-1
make	_canvas-maker	-1	make	_lace_making	-1
make	_canvas-making	-1	make	_law-maker	-1
make	_car_maker	-1	make	_make-peace	-1
make	_car_making	-1	make	_match-maker	-1
make	_cereal-maker	-1	make	_match-making	-1
make	_cereal-making	-1	make	_mischief-maker	-1
make	_chain_maker	-1	make	_model_maker	-1

make	_model_making	_1	own	_car-owner	_2
make	_money-maker	_1	own	_car-owning	_2
make	_money-maker	_1	own	_coal-owner	_2
make	_money-making	_1	own	_house-owner	_2
make	_net_maker	_1	own	_house-owning	_2
make	_net_making	_1	own	_land-owner	_2
make	_paper-maker	_1	own	_land-owning	_2
make	_paper-making	_1	own	_mine-owner	_2
make	_parchment-maker	_1	own	_ship-owner	_2
make	_pattern-maker	_1	own	_slave-owner	_2
make	_peacemaker	_1	own	_slave-owning	_2
make	_peace_making	_1	pack	_wool-packer	_1
make	_picture_maker	_1	paint	_glass-painter	_1
make	_picture_making	_1	paint	_glass-painting	_1
make	_posture-maker	_1	paint	_scene-painter	_1
make	_pottery-maker	_1	paint	_scene-painting	_1
make	_rain-maker	_1	paint	_wall-painting	_1
make	_road-maker	_1	paint	_wax-painting	_1
make	_road-making	_1	paint	_word-painter	_1
make	_rope-maker	_1	paint	_word-painting	_1
make	_rope-making	_1	park	_car-park	_1
make	_sandwich_maker	_1	pass	_password	_1
make	_scythe-maker	_1	pat	_pat-dog	_1
make	_shoemaker	_1	pave	_paving_stone	_1
make	_shoemaking	_1	pay	_pay-box	_1
make	_soap-maker	_1	pay	_pay-day	_1
make	_stay-maker	_1	pay	_pay-desk	_1
make	_tool_maker	_1	pay	_pay-night	_1
make	_trouble-maker	_1	pay	_pay-office	_1
make	_trunk-maker	_1	pay	_pay-room	_1
make	_verse-making	_1	pay	_pay-week	_1
make	_verse_maker	_1	peck	_nutpecker	_1
make	_violin-maker	_1	peck	_woodpecker	_1
make	_watchmaker	_1	peep	_daypeep	_2
make	_watchmaking	_1	peep	_peep-hole	_1
make	_wax-maker	_1	pick	_berry-picker	_1
make	_way-maker	_1	pick	_berry-picking	_1
mend	_chair_mender	_1	pick	_cotton-picker	_1
mend	_chair_mending	_1	pick	_cotton-picker	_1
mend	_road-mender	_1	pick	_ear-pick	_1
mend	_road-mending	_1	pick	_ear-picker	_1
milk	_cow-milker	_1	pick	_fig-picker	_1
mind	_babyminder	_1	pick	_fig-picking	_1
mind	_machine-minder	_1	pick	_hop-picker	_1
mix	_mixing-machine	_1	pick	_hop-picker	_1
mix	_sound_mixer	_1	pick	_pickpocket	_1
mock	_mock-bird	_1	pick	_picketooth	_1
mock	_mocking-bird	_1	pick	_potato_picker	_1
model	_clay-modeler	_1	pick	_tooth-picker	_1
model	_clay-modeling	_1	pick	_toothpick	_1
mow	_lawn-mower	_1	pick	_wool-picker	_1
offer	_peace-offering	_1	pierce	_ear_piercing	_1
open	_can_opener	_1	pinch	_penny_pincher	_1
open	_cotton-opener	_1	pinch	_pinchpenny	_1
open	_eye-opener	_1	plan	_town-planning	_1
open	_tin-opener	_1	play	_card_player	_1
own	_boat-owner	_2	play	_chess-player	_1
own	_boat-owning	_2	play	_chess-playing	_1

play	_piano-player	-1	quake	_quaking-grass	-2
play	_piano-playing	-1	quake	_sea-quake	-2
play	_play-day	-1	quake	_water-quake	-2
play	_play-girl	-1	raise	_fire-raiser	-1
play	_play-school	-1	raise	_fund-raiser	-1
play	_playboy	-1	raise	_fund-raising	-1
play	_playcentre	-1	rattle	_rattle-brain	-2
play	_playfellow	-1	rattle	_rattle-head	-2
play	_playground	-1	rattle	_rattle-pate	-2
play	_playing-card	-1	rattle	_rattlesnake	-2
play	_playing-field	-1	read	_face_reading	-1
play	_playmate	-1	read	_fault-reader	-1
play	_playroom	-1	read	_fiche_reader	-1
play	_plaything	-1	read	_map-reader	-1
play	_playtime	-1	read	_mind-reading	-1
play	_role-playing	-1	read	_mind_reader	-1
play	_stage-player	-1	read	_mind_reading	-1
play	_stage-playing	-1	read	_reading-book	-1
play	_swordplay	-1	read	_reading-desk	-1
play	_swordplayer	-1	read	_reading-glass	-1
play	_violin-player	-1	read	_reading-lamp	-1
poach	_sea-poacher	-1	read	_reading-light	-1
point	_brick_pointer	-1	read	_reading-room	-1
point	_brick_pointing	-1	read	_reading_glove	-1
poison	_blood_poisoning	-1	record	_cassette_recorder	-1
poison	_lead-poisoning	-1	record	_recording-studio	-1
polish	_polishing-paste	-1	record	_tape_recorder	-1
polish	_polishing-powder	-1	refine	_sugar-refiner	-1
polish	_polishing-slate	-1	refine	_sugar-refinery	-1
polish	_shoe-polish	-1	refine	_sugar-refining	-1
post	_posting_box	-1	regulate	_air-regulator	-1
print	_printing-house	-1	regulate	_gas-regulator	-1
print	_printing-ink	-1	rest	_rest-room	-2
print	_printing-machine	-1	rest	_resting-place	-2
print	_printing-office	-1	rest	_resting-room	-2
print	_printing-paper	-1	restore	_hair-restorer	-1
produce	_coffee-producer	-1	revolve	_revolving_door	-1
produce	_coffee-producing	-1	ride	_bicycle-rider	-1
pull	_bell-pull	-1	ride	_bicycle-riding	-1
pull	_leg-pull	-1	ride	_riding-boot	-1
pull	_leg-puller	-1	ride	_riding-breeches	-1
pull	_leg_pulling	-1	ride	_riding-cloak	-1
pull	_wire-puller	-1	ride	_riding-clothes	-1
punch	_cardpunch	-1	ride	_riding-coat	-1
punch	_punch-ball	-1	ride	_riding-glove	-1
punch	_ticket-punch	-1	ride	_riding-habit	-1
push	_bell-pusher	-1	ride	_riding-hood	-1
push	_bell-pushing	-1	ride	_riding-horse	-1
push	_push-bicycle	-1	ride	_riding-master	-1
push	_push-bike	-1	ride	_riding-robe	-1
push	_push-button	-1	ride	_riding-school	-1
push	_push-cart	-1	ride	_riding-skirt	-1
push	_push-chair	-1	ride	_riding-suit	-1
push	_push-cycle	-1	ride	_riding-whip	-1
quake	_earthquake	-2	rise	_surf-riding	-1
quake	_flesh-quake	-2	rise	_moonrise	-2
quake	_heart-quake	-2	rise	_sunrise	-2
quake	_ice-quake	-2	rise	_sunrising	-2

roast	_roasting-chicken	-1	set	_bone-setting	-1
rob	_sea-robbing	-1	set	_brick-setter	-1
rock	_rocking-chair	-1	set	_fashion-setter	-1
rock	_rocking_horse	-1	set	_style-setter	-1
roll	_leaf-roller	-1	set	_style-setting	-1
roll	_rolling-machine	-1	set	_sun-setting	-2
roll	_rolling-pin	-1	set	_sunset	-2
rove	_rove-beetle	-1	set	_trend-setter	-1
rove	_sea-rover	-1	set	_trend-setting	-1
rove	_sea-roving	-1	set	_type-setter	-1
row	_row-barge	-1	set	_type-setting	-1
row	_row-boat	-1	sew	_sewing-machine	-1
row	_rowing-boat	-1	sew	_sewing-maid	-1
rub	_rubbing-stone	-1	shake	_bone-shaker	-1
rub	_rubstone	-1	shake	_cocktail-shaker	-1
run	_hen-run	-1	shake	_earth-shaking	-2
run	_road-runner	-1	shake	_hand-shaker	-1
run	_running-board	-1	shake	_handshake	-1
run	_running_shoe	-1	shake	_headshake	-1
run	_runway	-1	shake	_saltshaker	-1
run	_sheep-run	-1	share	_share-cropper	-1
run	_ski-runner	-1	sharpen	_pencil-sharpener	-1
run	_ski-running	-1	shave	_shaving-brush	-1
rush	_rush_hour	-1	shave	_shaving-soap	-1
saw	_saw-bones	-1	shave	_shaving_cream	-1
scale	_scaling-ladder	-1	shed	_bloodshed	-1
scalp	_scalping-knife	-1	shed	_inkshed	-1
scan	_scanning-disk	-1	shift	_scene-shifter	-1
scare	_scare-crow	-1	shine	_earth-shine	-2
scatter	_scatter-brain	-1	shine	_moonshine	-2
scatter	_scattergood	-1	shine	_shoeshine	-1
scrape	_boot-scraper	-1	shine	_shoeshine	-1
scrape	_doorscraper	-1	shine	_sky_shine	-2
scrape	_road-scraper	-1	shine	_starshine	-2
scrape	_sky-scraper	-1	shine	_sunshine	-2
scratch	_back-scratcher	-1	shoot	_shooting-gallery	-1
scratch	_scratch-brush	-1	shoot	_shooting-iron	-1
scratch	_scratch_board	-1	shoot	_shooting-jacket	-1
screech	_screech-owl	-1	shoot	_shooting-star	-2
scribble	_scribbling-pad	-1	shoot	_shore-shooter	-1
scrub	_scrubbing-board	-1	shoot	_shore-shooting	-1
scrub	_scrubbing-brush	-1	shoot	_trouble-shooting	-1
scrub	_scrub_board	-1	shoot	_troubleshooter	-1
seal	_sealing-wax	-1	show	_dog_show	-1
search	_search-party	-1	show	_flower-show	-1
search	_searchlight	-1	show	_show-place	-1
search	_soul-searching	-1	show	_showroom	-1
seek	_home-seeker	-1	shrink	_headshrinker	-1
seek	_home-seeking	-1	sing	_night-singer	-1
seek	_peace-seeker	-1	sing	_singing-bird	-1
seek	_pleasure-seeker	-1	sink	_sink-stone	-1
seek	_profit_seeker	-1	sit	_baby-sitter	-2
sell	_bookseller	-1	sit	_sitting-room	-2
sell	_bread_seller	-1	skate	_ice-skater	-1
sell	_music-seller	-1	skate	_ice-skating	-1
sell	_slop-seller	-1	skate	_skateboard	-1
serve	_cake_server	-1	ski	_water-skiing	-1
set	_bone-setter	-1	skim	_skim-milk	-1

skim	_skimming-dish	_1	spy	_spy_satelite	_1
skip	_skipping-rope	_1	squeeze	_lemon-squeezer	_1
slay	_manslayer	_1	stain	_cotton_stainer	_1
sleep	_sleeping-bag	_2	stain	_paper-stainer	_1
sleep	_sleeping-car	_2	stamp	_stamping-machine	_1
sleep	_sleeping-coach	_2	stand	_candle_stand	_2
sleep	_sleeping-partner	_2	stand	_cruet-stand	_2
sleep	_sleeping-pill	_2	stand	_handstand	_2
sleep	_sleeping-suit	_2	stand	_hat_stand	_2
sleep	_sleeping_tablet	_2	stand	_headstand	_2
slice	_cheese-slicer	_1	stand	_ink_stand	_2
slice	_egg_slicer	_1	stand	_shoulder_stand	_2
slide	_landslide	_2	stand	_standing-bed	_2
slide	_snow_slide	_2	stand	_standing-bowl	_2
slip	_landslip	_2	stand	_standing-cup	_2
slip	_lip-coach	_1	stand	_standing-ground	_2
slip	_lip-knot	_1	stand	_standing-place	_2
slip	_lip-shoe	_1	stand	_standing-room	_2
slip	_snow_slip	_2	start	_starting-point	_1
smell	_smelling_salt	_1	start	_starting-post	_1
smoke	_smoke-house	_1	steal	_dear-stealer	_1
smoke	_smoke-room	_1	steal	_sheep-stealer	_1
smoke	_smoking_room	_1	steal	_sheep-stealing	_1
snatch	_body-snatcher	_1	steer	_steering-wheel	_1
snatch	_purse-snatcher	_1	stew	_stewing-steak	_1
snatch	_toad-snatcher	_1	stick	_sticking-place	_1
sneak	_sneak-thief	_1	stick	_sticking-plaster	_1
sneeze	_sneeze-box	_2	stick	_sticking-point	_1
sneeze	_sneeze-weed	_2	stick	_stickjaw	_1
sneeze	_sneeze-wood	_2	stink	_stink-bird	_2
sob	_sob-story	_2	stink	_stink-bomb	_2
sob	_sob-stuff	_2	stink	_stink-wood	_2
soften	_water-softener	_1	stink	_stinkhorn	_2
sort	_wool-sorter	_1	stink	_stinkstone	_2
speak	_speaking-trumpet	_1	stink	_stinkweed	_2
speak	_speaking-tube	_1	stop	_doorstop	_1
spend	_spending-money	_1	stop	_doorstopper	_1
spin	_money-spinner	_1	stop	_port-stopper	_1
spin	_salad_spinner	_1	stop	_stop-gap	_1
spin	_spin-text	_1	stop	_stop-gap	_1
spin	_spinning-wheel	_1	stop	_stop-watch	_1
spin	_tube-spinner	_1	stop	_tobacco-stopper	_1
spit	_spit-box	_1	strain	_fish-strainer	_1
spit	_spit-fire	_1	stretch	_back-stretch	_1
split	_hair-splitter	_1	stretch	_trouser-stretcher	_1
split	_hair-splitting	_1	strip	_cane-stripper	_1
split	_word-splitting	_1	stumble	_stumbling-block	_2
spoil	_spoil-sport	_1	stumble	_stumbling-stone	_2
spread	_table-spread	_1	suck	_blood-sucker	_1
spring	_springboard	_1	suck	_cherry-sucker	_1
sprinkle	_lawn-sprinkler	_1	suck	_egg-sucker	_1
sprinkle	_rose-sprinkler	_1	suck	_honeysucker	_1
spy	_spy-dust	_1	suck	_suck-bottle	_1
spy	_spy-glass	_1	suck	_suck-egg	_1
spy	_spy-hole	_1	suck	_suck-fish	_1
spy	_spy-tower	_1	suck	_suck-thumb	_1
spy	_spy-window	_1	suck	_sucking-bottle	_1
spy	_spy_plane	_1	suck	_sucking-pig	_1

surf	_surf-board	-1	thrust	_thrust-hoe	-1
surf	_surf-boat	-1	thump	_table-thumper	-1
surf	_surf-canoe	-1	toast	_toasting-fork	-1
surf	_surfing-board	-1	touch	_touch-screen	-1
surf	_wind-surfer	-1	tour	_touring-car	-1
swallow	_sword-swallower	-1	trace	_tracing_paper	-1
swat	_flyswatter	-1	train	_bird_trainer	-1
swear	_swear-word	-1	travel	_space-travelling	-1
sweep	_carpet-sweeper	-1	travel	_space-treveller	-1
sweep	_chimney-sweep	-1	trim	_hedge-trimmer	-1
sweep	_chimney-sweeper	-1	trim	_heel-trimmer	-1
sweep	_minesweeper	-1	try	_cheese_trier	-1
sweep	_street-sweeper	-1	try	_try-pit	-1
sweep	_sweep-net	-1	tune	_tuning-fork	-1
swell	_swell-fish	-2	turn	_turn-bridge	-1
swell	_swell-shark	-2	turn	_turn-penny	-1
swim	_swimming-pond	-1	turn	_turn-screw	-1
swim	_swimming-pool	-1	turn	_turn-table	-1
swim	_swimsuit	-1	turn	_turncoat	-1
swing	_swing-bridge	-1	turn	_turnkey	-1
swing	_swing-door	-1	turn	_turnskin	-1
swing	_swingboat	-2	twist	_brain-twister	-1
swing	_swingtree	-2	twist	_tongue-twister	-1
switch	_time-switch	-1	wait	_wait-list	-2
take	_bribe-taker	-1	wait	_waiting-list	-2
take	_money-taker	-1	wait	_waiting-room	-2
take	_thief-taker	-1	walk	_baby-walker	-1
talk	_table-talk	-1	walk	_fire-walk	-1
tame	_horse-tamer	-1	walk	_fire-walker	-1
tame	_horse-taming	-1	walk	_fire-walking	-1
taste	_ale-taster	-1	walk	_moon_walk	-1
taste	_ale-tasting	-1	walk	_night-walk	-1
taste	_cheese_taster	-1	walk	_night-walker	-1
taste	_flesh-taster	-1	walk	_night-walking	-1
taste	_tea-taster	-1	walk	_rope-walker	-1
taste	_tea-tasting	-1	walk	_sheepwalk	-1
taste	_wine-taster	-1	walk	_shop-walker	-1
taste	_wine_tasting	-1	walk	_space_walk	-1
teach	_music-teacher	-1	walk	_space_walker	-1
teach	_teaching_hospital	-1	walk	_street-walker	-1
tell	_fortune-teller	-1	walk	_street-walking	-1
tell	_fortune-telling	-1	walk	_walking-cane	-1
tell	_story-teller	-1	walk	_walking-day	-1
tell	_story-telling	-1	walk	_walking-fish	-1
tell	_tale-teller	-1	walk	_walking-gentleman	-1
tell	_tell-tale	-1	walk	_walking-lady	-1
tend	_bartender	-1	walk	_walking-part	-1
tend	_bridge-tender	-1	walk	_walking-shoe	-1
tend	_bridge-tending	-1	walk	_walking-staff	-1
tend	_gate-tender	-1	walk	_walking-stick	-1
tend	_gate-tending	-1	walk	_walking-toad	-1
tend	_goaltender	-1	walk	_walking_boot	-1
tend	_goaltending	-1	walk	_wire-walker	-1
thicken	_hair-thickener	-1	wander	_night-wanderer	-1
thrash	_thrashing-floor	-1	wander	_night-wandering	-1
thrash	_thrashing-machine	-1	wander	_wander-year	-1
throw	_throw-stick	-1	warble	_night-warbling	-1
throw	_throwing-stick	-1	warm	_bed-warmer	-1

warm	_chair-warmer	-1	water	_watering-place	-1
warm	_house-warming	-1	water	_watering-pool	-1
warm	_warming-pan	-1	water	_watering-pot	-1
wash	_bottle-washer	-1	weave	_tube-weaver	-1
wash	_bottle-washer	-1	weep	_weeping-birch	-2
wash	_dish-washer	-1	weep	_weeping-elm	-2
wash	_dish-washer	-1	weep	_weeping-tree	-2
wash	_eye-wash	-1	weep	_weeping-willow	-2
wash	_foot_washing	-1	weigh	_weighing-machine	-1
wash	_gas-washer	-1	whet	_whetstone	-1
wash	_gold-wash	-1	whiten	_coffee_whitener	-1
wash	_gold-washer	-1	win	_breadwinner	-1
wash	_gold-washing	-1	win	_prize-winner	-1
wash	_gold-washing	-1	wind	_silk-winder	-1
wash	_mouthwash	-1	wind	_silk-winder	-1
wash	_paper-washing	-1	wipe	_penwiper	-1
wash	_rain-wash	-1	wish	_wish-bone	-2
wash	_sheep-wash	-1	wish	_wishing-bone	-2
wash	_toothwash	-1	wish	_wishing-cap	-2
wash	_wash-ball	-1	wish	_wishing-gate	-2
wash	_wash-basin	-1	wish	_wishing-stone	-2
wash	_wash-bowl	-1	wish	_wishing-tree	-2
wash	_wash-cloth	-1	wish	_wishing-well	-2
wash	_wash-day	-1	work	_class_work	-1
wash	_wash-house	-1	work	_day_work	-1
wash	_wash-maid	-1	work	_day_worker	-1
wash	_wash-man	-1	work	_farm_work	-1
wash	_wash-pool	-1	work	_field-work	-1
wash	_wash-pot	-1	work	_glass_work	-1
wash	_wash-room	-1	work	_hand-work	-1
wash	_wash-tub	-1	work	_hand-worker	-1
wash	_wash-woman	-1	work	_hand-working	-1
wash	_washing-blue	-1	work	_homework	-1
wash	_washing-board	-1	work	_housework	-1
wash	_washing-day	-1	work	_night-work	-1
wash	_washing-house	-1	work	_night-worker	-1
wash	_washing-machine	-1	work	_work-day	-1
wash	_washing-powder	-1	work	_work-fellow	-1
wash	_washing-soda	-1	work	_work-mate	-1
wash	_washing_cream	-1	work	_work-people	-1
wash	_window-washer	-1	work	_work-table	-1
wash	_window-washing	-1	work	_work-woman	-1
wash	_wool-washer	-1	work	_workbag	-1
watch	_bird-watcher	-1	work	_workbasket	-1
watch	_clock-watcher	-1	work	_workbench	-1
watch	_clock-watching	-1	work	_workbox	-1
watch	_fire-watcher	-1	work	_workhorse	-1
watch	_fire-watching	-1	work	_working-class	-1
watch	_night-watch	-1	work	_working-day	-1
watch	_night-watch	-1	work	_working-man	-1
watch	_night-watcher	-1	work	_working-woman	-1
watch	_night-watching	-1	work	_workman	-1
watch	_watch-dog	-1	work	_workroom	-1
watch	_watch-tower	-1	work	_workshop	-1
watch	_watchman	-1	worship	_devil-worshipper	-1
watch	_weight_watcher	-1	worship	_devil-worshipping	-1
water	_watering-can	-1	worship	_fire-worship	-1
water	_watering-cart	-1	worship	_fire-worshipper	-1

worship	_image-worshipper	-1	write	_picture-writing	-1
worship	_image-worshipping	-1	write	_prose-writer	-1
worship	_sun-worship	-1	write	_script-writer	-1
worship	_sun-worshipper	-1	write	_sky-writing	-1
wrap	_wrapping-paper	-1	write	_type-writer	-1
wring	_wringing-machine	-1	write	_type-writing	-1
write	_gag-writer	-1	write	_writing-book	-1
write	_handwriting	-1	write	_writing-desk	-1
write	_ink-writer	-1	write	_writing-ink	-1
write	_letter-writer	-1	write	_writing-master	-1
write	_letter-writer	-1	write	_writing-paper	-1
write	_news-writer	-1	write	_writing-table	-1
write	_novel-writer	-1	write	_writing_room	-1

**Tabela 4.2 Pregled srpskohrvatskih glagola sa kojima su glagolske komponente u složenicama u generativnoj vezi**

bacati	_minobach	-1	braniti	_ledjobran	-1
bdati	_nocobdija	-2	braniti	_ledobran	-1
bezzati	_bezzisvet	-1	braniti	_mostobran	-1
biti	_bichobija	-1	braniti	_pravobranilac	-1
biti	_gochobija	-1	braniti	_pravobranitelj	-1
biti	_vetrobitina	-1	braniti	_rukobran	-1
bojati/se	_bogobojac	-2	braniti	_snegobran	-1
boleti	_bedrobolja	-2	braniti	_suncobran	-1
boleti	_dushobolja	-2	braniti	_vatrobran	-1
boleti	_glavobolja	-2	braniti	_vetrobran	-1
boleti	_grudobolja	-2	brati	_biljober	-1
boleti	_gushobolja	-2	brati	_biljobera	-1
boleti	_jetrobolja	-2	brati	_klasober	-1
boleti	_kostobolja	-2	brati	_klasoberka	-1
boleti	_kukobolja	-2	brati	_kostober	-1
boleti	_mozgobolja	-2	brati	_kostobera	-1
boleti	_prsbolja	-2	brati	_kostoberina	-1
boleti	_rukobolja	-2	brati	_travoberica	-1
boleti	_slezinobolja	-2	brati	_vinober	-1
boleti	_srcobolja	-2	brati	_vinobera	-1
boleti	_trbobilja	-2	brati	_vinoberje	-1
boleti	_umobilja	-2	brisati	_guzobris	-1
boleti	_ustobolja	-2	brusiti	_metalobrusach	-1
boleti	_uvobolja	-2	busati/se	_busogrudadzija	-1
boleti	_vratobolja	-2	bushiti	_drvobushac	-1
boleti	_zglobobolja	-2	bushiti	_metalobushach	-1
boleti	_zubobil	-2	cušhnuti	_ccushkapa	-1
boleti	_zubobilja	-2	cepati	_cepidlaka	-1
boriti/se	_duhoborac	-1	cepati	_drocep	-1
boriti/se	_duhoborstvo	-1	cepati	_drocep	-1
boriti/se	_ikonoborac	-1	cepati	_drocep	-1
boriti/se	_ikonoborstvo	-1	chiniti	_dobrochinac	-1
braniti	_biljobran	-1	chiniti	_dobrochinilac	-1
braniti	_blatobran	-1	chiniti	_dobrochinitelj	-1
braniti	_bokobran	-1	chiniti	_dobrochiniteljka	-1
braniti	_brodoran	-1	chiniti	_dobrochinka	-1
braniti	_domobran	-1	chiniti	_dobrochinstvo	-1
braniti	_domobran	-1	chiniti	_dobrochniteljica	-1
braniti	_grudobran	-1	chiniti	_shtetochina	-1
braniti	_kamenobran	-1	chiniti	_shtetochina	-1
braniti	_kishobran	-1	chiniti	_shtetochinac	-1

chiniti	_shtetochinitelj	-1	derati	_strvoderstvo	-1
chiniti	_shtetochinstvo	-1	derati	_vododerina	-1
chiniti	_zlochin	-1	derati	_zzaboder	-1
chiniti	_zlochinac	-1	dizati	_dizzinos	-1
chiniti	_zlochinitelj	-1	drkati	_iglodrkalo	-1
chiniti	_zlochinka	-1	drpati	_kartodrpac	-1
chistiti	_chistikucca	-1	drzzati	_konjodrzzac	-1
chistiti	_minochistach	-1	drzzati	_pantalodrzzac	-1
chupati	_zubochupach	-1	drzzati	_rukodrzzach	-1
davati	_poslodavac	-1	drzzati	_silodrzzac	2
davati	_savetodavac	-1	drzzati	_vlastodrzzac	2
davati	_vlastodavac	-1	drzzati	_zemljedrzzac	2
davati	_vlastodavka	-1	drzzati	_zemljodrzzac	2
davati	_zajmodavac	-1	duvati	_stakloduvach	-1
davati	_zajmodavstvo	-1	gasiti	_vatrogasac	-1
davati	_zakonadavac	-1	gasiti	_vatrogastvo	-1
davati	_zakonadavalac	-1	gaziti	_gazivoda	-1
davati	_zakonadavka	-1	gladiti	_gladibrk	-1
davati	_zakonadavstvo	-1	gladiti	_gladikosa	-1
delati	_drvodelac	-1	gledati	_suncogled	-1
delati	_poljodelac	-1	glodati	_glodjikorica	-1
delati	_poljodelka	-1	glodati	_metaloglodach	-1
delati	_poljodelstvo	-1	gojiti	_kravogojstvo	-1
delati	_rukodelac	-1	gojiti	_marvogojac	-1
delati	_rukodelja	-1	gojiti	_marvogojstvo	-1
delati	_rukodelstvo	-1	gojiti	_svinjogojac	-1
delati	_zemljodelac	-1	gojiti	_svinjogojstvo	-1
delati	_zemljodelka	-1	goniti	_gonivtar	-1
delati	_zemljodelstvo	-1	goniti	_vetrogonica	-1
deljati	_drvodelj	-1	goniti	_vetrogonja	-1
deljati	_drvodelja	-1	goniti	_vetrogonjstvo	-1
deljati	_drvodeljac	-1	goniti	_vetrogonstvo	-1
deljati	_drvodelje	-1	goniti	_vologonac	-1
deljati	_drvodeljnica	-1	goniti	_vologonja	-1
deljati	_drvodeljstvo	-1	goniti	_vologonjac	-1
deljati	_kamenodeljac	-1	graditi	_brodogradilac	-1
derati	_derigusha	-1	graditi	_brodogradilishte	-1
derati	_deriklupa	-1	graditi	_brodograditelj	-1
derati	_derikozza	-1	graditi	_brodogradjenje	-1
derati	_klupoder	-1	graditi	_brodogradnja	-1
derati	_klupodera	-1	graditi	_kotlogradnja	-1
derati	_kmetoder	-1	graditi	_mashinogradnja	-1
derati	_kmetoderstvo	-1	grditi	_bogogrnik	-1
derati	_konjoder	-1	gristi	_drvogriz	-1
derati	_konjoder	-1	gristi	_grizodusjhe	-1
derati	_kozzoder	-1	gristi	_kartogrizac	-1
derati	_kozzoder	-1	gristi	_noktogriz	-1
derati	_kozzoder	-1	gristi	_zzilogriz	-1
derati	_kozzadera	-1	gubiti	_dangub	2
derati	_kozzoderac	-1	gubiti	_danguba	2
derati	_kozzoderac	-1	gubiti	_danguba	2
derati	_kozzodernica	-1	gubiti	_danguba	2
derati	_kuchkoder	-1	gubiti	_dangubac	2
derati	_machkoder	-1	gubiti	_dangubash	2
derati	_neboder	-1	gubiti	_dangubdzija	2
derati	_oblakoder	-1	gubiti	_dangubnica	2
derati	_strvoder	-1	gubiti	_dangubnik	2
derati	_strvodernica	-1	gubiti	_dangubnjak	2

gubiti	_dushegub	_2	jesti	_zmijojed	_1
gubiti	_dushegubac	_2	jesti	_zmijojed	_1
gubiti	_dushegubnica	_2	jesti	_zmijojedina	_1
gubiti	_dushegubnik	_2	jesti	_znojed	_1
gubiti	_dushogubac	_2	jesti	_znojedac	_1
gubiti	_gubidan	_2	jesti	_zzabojed	_1
gubiti	_gubidusha	_2	jesti	_zzabojedac	_1
gubiti	_gubivremenka	_2	kazati	_kazziprst	_1
gubiti	_gubodusha	_2	kazati	_kazziput	_1
gubiti	_gubodushnica	_2	kazati	_kazziput	_1
gubiti	_gubodushnica	_2	kazati	_kazzivetar	_1
gubiti	_gubodushnik	_2	kazati	_putokaz	_1
guliti	_gulibrada	_1	kazati	_vetrokaz	_1
guliti	_gulibradina	_1	kazati	_vodokaz	_1
guliti	_gulikoshtvo	_1	keshati/se	_keshboj	_1
guliti	_gulikozza	_1	kesiti	_kesizub	_1
guliti	_gulikozza	_1	keziti	_kezizub	_1
guliti	_gulivrat	_1	klati	_svinjokolja	_1
gutati	_zzabogut	_1	klepati	_stihoklepac	_1
heftati	_heft-mashina	_1	klepati	_stihoklepanje	_1
hraniti	_kuccehranitelj	_1	klimati	_klimoglav	_1
huliti	_bogohula	_1	klimati	_klimoglavac	_1
huliti	_bogohulac	_1	kljuvati	_kljujdrvo	_1
huliti	_bogohulitelj	_1	kopati	_glinokop	_1
huliti	_bogohulnica	_1	kopati	_rudokop	_1
huliti	_bogohulnik	_1	kopati	_ugljenokop	_1
huliti	_bogohulstvo	_1	kopirati	_kopir-centar	_1
hvaliti	_bogohval	_1	kositi	_senokos	_1
hvaliti	_bogohvalka	_1	kositi	_senokos	_1
hvaliti	_bogohvalstvo	_1	kositi	_senokosha	_1
hvatati	_rukohvat	_1	kovati	_brodokovac	_1
ispijati	_chuturoispilac	_1	kovati	_brodokovach	_1
ispiti	_ispichasha	_1	krasti	_drvokradac	_1
ispiti	_ispichutura	_1	krasti	_drvokradica	_1
izjesti	_izjedipogacha	_1	krasti	_guskokradica	_1
jesti	_biljojed	_1	krasti	_kesokradica	_1
jesti	_biljojedac	_1	krasti	_knjigokradica	_1
jesti	_buboqed	_1	krasti	_konjokradac	_1
jesti	_buboqedac	_1	krasti	_konjokradica	_1
jesti	_buvojedina	_1	krasti	_konjokradja	_1
jesti	_dlakojed	_1	krasti	_kozokradica	_1
jesti	_drvoqed	_1	krasti	_kradikesa	_1
jesti	_drvoqedac	_1	krasti	_kradikonjica	_1
jesti	_drvojetka	_1	krasti	_kradikoza	_1
jesti	_hlebojeda	_1	krasti	_ribokradica	_1
jesti	_insektojed	_1	krasti	_shumokradica	_1
jesti	_jedibaba	_1	krasti	_vinokradica	_1
jesti	_kukcoqed	_1	krasti	_zverokradica	_1
jesti	_kukcoqedac	_1	krasti	_zverokradja	_1
jesti	_machkoqed	_1	krasti	_zverokradstvo	_1
jesti	_medoqed	_1	kretati/se	_suncokret	_1
jesti	_mesoqed	_1	kriviti	_krivikapa	_1
jesti	_mesoqedje	_1	krpiti	_kotlokrp	_1
jesti	_mishoqedina	_1	krpiti	_kotlokrapa	_1
jesti	_mravojed	_1	krpiti	_kotlokpar	_1
jesti	_mravoqedac	_1	kuditi	_kudibaba	_1
jesti	_travoqed	_1	kupiti	_kupimrvichar	_1
jesti	_zemljojed	_1	lechiti	_vodolechilishte	_1

leteti	_jetivetar	-1	ljubiti	_vlastoljublje	-2
leteti	_letizzaba	-1	ljubiti	_vodoljub	-2
lezzati	_hladolezz	-2	ljubiti	_vodoljubac	-2
lezzati	_hladolezz	-2	ljubiti	_zlatoljubac	-2
lezzati	_kutolezz	-2	ljubiti	_zlatoljublje	-2
lezzati	_kutolezza	-2	ljubiti	_zzenoljub	-2
liptati	_krvoliptanje	-2	ljubiti	_zzenoljubac	-2
liti	_krvolicce	-1	ljubiti	_zzenoljublje	-2
liti	_slovolivac	-1	lokati	_chorbolok	-1
liti	_slovolivnica	-1	lokati	_krvolok	-1
liti	_vinolija	-1	lokati	_vodolok	-1
liti	_vodonija	-1	lokati	_vodolok	-1
lizati	_chankoliz	-1	lomiti	_brakolomac	-1
lizati	_chankoliza	-1	lomiti	_brakolomka	-1
lizati	_chankolizac	-1	lomiti	_brakolomnica	-1
lizati	_lizguz	-1	lomiti	_brakolomnik	-1
lizati	_lizzilonac	-1	lomiti	_brakolomstvo	-1
lizati	_lizzisahan	-1	lomiti	_kamenolom	-1
lizati	_lizzisahanka	-1	lomiti	_kamenolom	-1
lizati	_loncoliz	-1	lomiti	_kamenolom	-1
lizati	_zdeloliz	-1	lomiti	_kamenolomac	-1
ljubiti	_basnoljubac	-2	lomiti	_kostolomac	-1
ljubiti	_bogoljub	-2	lomiti	_krstolom	-1
ljubiti	_bogoljubac	-2	lomiti	_krstolom	-1
ljubiti	_bogoljublje	-2	lomiti	_ledolom	-1
ljubiti	_bogoljupstvo	-2	lomiti	_ledolomac	-1
ljubiti	_bratoljublje	-2	lomiti	_ledolomac	-1
ljubiti	_bratoljupstvo	-2	lomiti	_snegolom	-1
ljubiti	_chovekoljub	-2	lomiti	_vetrolom	-1
ljubiti	_chovekoljubac	-2	lomiti	_vetrolom	-1
ljubiti	_dobroljubac	-2	lomiti	_vratolom	-1
ljubiti	_dobroljublje	-2	lomiti	_vratolom	-1
ljubiti	_domoljub	-2	lomiti	_vratolom	-1
ljubiti	_domoljubac	-2	lomiti	_vratolomija	-1
ljubiti	_domoljupka	-2	lomiti	_vratolomstvo	-1
ljubiti	_drvoljub	-2	lomiti/se	_brodolom	-2
ljubiti	_gostoljubac	-2	loviti	_bubolovac	-1
ljubiti	_gostoljublje	-2	loviti	_buvolovac	-1
ljubiti	_istinoljubac	-2	loviti	_kitolov	-1
ljubiti	_istinoljublje	-2	loviti	_kitolovac	-1
ljubiti	_knjigoljub	-2	loviti	_kitolovac	-1
ljubiti	_knjigoljubac	-2	loviti	_kitolovishte	-1
ljubiti	_konjoljub	-2	loviti	_kitolovka	-1
ljubiti	_konjoljubac	-2	loviti	_kitolovstvo	-1
ljubiti	_koristoljubac	-2	loviti	_klaselovac	-1
ljubiti	_koristoljublje	-2	loviti	_klasolovac	-1
ljubiti	_miroljubac	-2	loviti	_medvedolovac	-1
ljubiti	_miroljubitelj	-2	loviti	_minolovac	-1
ljubiti	_miroljubiteljka	-2	loviti	_minolovka	-1
ljubiti	_miroljublje	-2	loviti	_misholovac	-1
ljubiti	_pravdoljubac	-2	loviti	_misholovica	-1
ljubiti	_pravdoljublje	-2	loviti	_misholovka	-1
ljubiti	_slavoljubac	-2	loviti	_misholovka	-1
ljubiti	_slobodoljubac	-2	loviti	_mravolovac	-1
ljubiti	_slobodoljublje	-2	loviti	_muvolovka	-1
ljubiti	_srebroljubac	-2	loviti	_pacolovka	-1
ljubiti	_vinoljubac	-2	loviti	_pticolovac	-1
ljubiti	_vlastoljubac	-2	loviti	_ribolov	-1

loviti	_ribolovac	-1	moliti/se	_bogomolja	-1
loviti	_ribolovishte	-1	moliti/se	_bogomoljac	-1
loviti	_ribolovka	-1	moliti/se	_bogomoljshte	-1
loviti	_ribolovstvo	-1	moliti/se	_bogomoljka	-1
loviti	_tunjolov	-1	moliti/se	_bogomoljka	-1
loviti	_tunolov	-1	moliti/se	_bogomoljnik	-1
loviti	_tunolovac	-1	moliti/se	_djavolomoljac	-1
loviti	_tunolovka	-1	moriti	_bubomor	-1
loviti	_zmijolovac	-1	moriti	_buvomor	-1
lozziti	_lozz-ulje	-1	moriti	_chedomor	-1
luftirati	_luftiguz	-1	moriti	_chedomorac	-1
mamiti	_mamipara	-1	moriti	_chedomorka	-1
mamiti	_mamipara	-1	moriti	_chovekomorstvo	-1
mastiti	_mastibrk	-1	moriti	_drvomor	-1
mazati	_brkomaz	-1	moriti	_drvomora	-1
mazati	_kolomaz	-1	moriti	_gladomornica	-1
meriti	_bachvomer	-1	moriti	_glistomor	-1
meriti	_benzinomer	-1	moriti	_jadomor	-1
meriti	_daljinomer	-1	moriti	_klicomor	-1
meriti	_daljnomer	-1	moriti	_konjomora	-1
meriti	_dajomer	-1	moriti	_kozomor	-1
meriti	_drvomer	-1	moriti	_kozomorac	-1
meriti	_drvomerstvo	-1	moriti	_ljudomora	-1
meriti	_dubinomer	-1	moriti	_ljudomorac	-1
meriti	_gustinomer	-1	moriti	_ljudomorstvo	-1
meriti	_jamomerac	-1	moriti	_mishomor	-1
meriti	_jamomernik	-1	moriti	_muvolomor	-1
meriti	_kiselinomer	-1	moriti	_muvomorka	-1
meriti	_kishomer	-1	moriti	_zimomora	-1
meriti	_krivinomer	-1	moriti	_zimomorje	-1
meriti	_kuglomer	-1	moriti	_zimomornica	-1
meriti	_plinomer	-1	moriti	_zimomornik	-1
meriti	_silomer	-1	moriti	_zzenomorac	-1
meriti	_suncomer	-1	moriti	_zzenomorstvo	-1
meriti	_taktomer	-1	mrzeti	_bogomrzac	-2
meriti	_toplomer	-1	mrzeti	_bogomrznik	-2
meriti	_uglomer	-1	mrzeti	_bratomrzac	-2
meriti	_vetromer	-1	mrzeti	_chovekomrzac	-2
meriti	_vinomer	-1	mrzeti	_knjigomrzac	-2
meriti	_visinomer	-1	mrzeti	_krstomrzac	-2
meriti	_vodomer	-1	mrzeti	_mrzisvet	-2
meriti	_vunomer	-1	mrzeti	_tiranomrzac	-2
mesti	_vetromet	-1	mrzeti	_zzenomrzac	-2
mesti	_vetromet	-1	musti	_muzikrava	-1
mesti	_vetrometina	-1	mutiti	_krvomut	-1
mesti	_vetrometina	-1	mutiti	_krvomutnica	-1
metati	_kamenomet	-1	mutiti	_krvomutnik	-1
metati	_nogomet	-1	mutiti	_krvomutnja	-1
metati	_pushkomet	-1	mutiti	_mutikasha	-1
metati	_rukomet	-1	mutiti	_mutimir	-1
metati	_vatromet	-1	mutiti	_mutivoda	-1
metati	_vatrometach	-1	nalivati	_naliv-pero	-1
metati	_vatrometnik	-1	nositi	_badnjonasac	-1
mlatiti	_mlatipara	-1	nositi	_bakcilonosha	-1
mlatiti	_mlatishuma	-1	nositi	_bakljonosha	-1
mlatiti	_mlatislama	-1	nositi	_bichenosac	-1
moliti/se	_bogomolja	-1	nositi	_blaginosac	-1
moliti/se	_bogomolja	-1	nositi	_bremenosha	-1

nositi	_budzenosac	-1	padati	_listopad	-2
nositi	_budzonosac	-1	padati	_slanopadja	-2
nositi	_chabronosha	-1	padati	_snegopadina	-2
nositi	_glasenosha	-1	padati	_vodopad	-2
nositi	_glavonosha	-1	pakovati	_pak-papir	-1
nositi	_gradenosac	-1	paliti	_palidrvce	-1
nositi	_grbonosha	-1	paliti	_paliukucca	-1
nositi	_hlebonosha	-1	paziti	_kuccepazitelj	-1
nositi	_ikonosha	-1	paziti	_kuccepaziteljica	-1
nositi	_kliconosha	-1	paziti	_kuccepaziteljka	-1
nositi	_kliconoshtvo	-1	paziti	_pazikucca	-1
nositi	_kljuchonosha	-1	pecci	_chelopek	-1
nositi	_knjigonosac	-1	pevati	_pevidrug	-1
nositi	_knjigonosha	-1	piriti	_pirivatra	-1
nositi	_kopljonusha	-1	piriti	_vetropir	-1
nositi	_krstonosac	-1	piriti	_vetropirk	-1
nositi	_krstonosha	-1	pisati	_bakropis	-1
nositi	_krstonoshac	-1	pisati	_bakropisac	-1
nositi	_krunonosac	-1	pisati	_basnopisac	-1
nositi	_krunonosha	-1	pisati	_chlankopisac	-1
nositi	_luchonosha	-1	pisati	_firmopisac	-1
nositi	_machenosac	-1	pisati	_ikonopis	-1
nositi	_machenosha	-1	pisati	_ikonopisac	-1
nositi	_machonosac	-1	pisati	_ikonopisanje	-1
nositi	_machonosha	-1	pisati	_kamenopisac	-1
nositi	_medonosnica	-1	pisati	_putopis	-1
nositi	_minonosac	-1	pisati	_rukopis	-1
nositi	_mironosac	-1	pisati	_shakopis	-1
nositi	_mironosica	-1	pisati	_stihopisac	-1
nositi	_mironosnica	-1	pisati	_zakonopisac	-1
nositi	_mitronosac	-1	pisati	_zemljopis	-1
nositi	_mitronosha	-1	piti	_dimopija	-1
nositi	_mlekonosha	-1	piti	_jajopija	-1
nositi	_pismonosha	-1	piti	_krvopija	-1
nositi	_pivonosha	-1	piti	_krvopijac	-1
nositi	_plodonosha	-1	piti	_krvopilac	-1
nositi	_poshtonosha	-1	piti	_krvopilica	-1
nositi	_rogonosha	-1	piti	_krvopilnica	-1
nositi	_ruchkonosha	-1	piti	_medopija	-1
nositi	_skiptronosac	-1	piti	_pivopija	-1
nositi	_skutonosha	-1	piti	_srkopija	-1
nositi	_sporonosha	-1	piti	_vinopija	-1
nositi	_sveconosha	-1	piti	_vodopija	-1
nositi	_toplonusha	-1	piti	_vodopijac	-1
nositi	_vatronosha	-1	piti	_vodopilac	-1
nositi	_vencenosac	-1	piti	_vodopilica	-1
nositi	_venconosac	-1	plakati	_plachidrug	-2
nositi	_venconosha	-1	plakati	_plachidruga	-2
nositi	_vinonosha	-1	plaviti	_vodoplav	-1
nositi	_vodonosac	-1	plaviti	_vodoplav	-1
nositi	_vodonosha	-1	plaviti	_vodoplav	-1
nositi	_vreccenosha	-1	plaviti	_vodoplavina	-1
nositi	_zakonosha	-1	plaviti	_vodoplavina	-1
nositi	_zastavonosha	-1	plaviti	_vodoplavje	-1
nositi	_zdelonosha	-1	plaviti	_vodoplavlje	-1
nositi	_zlatonosha	-1	ploviti	_brodoplovije	-2
odvoditi	_vodoodvodnik	-1	ploviti	_moreplovac	-2
padati	_kosopadica	-2	ploviti	_moreplovstvo	-2

ploviti	_vazduhoplov	-2	rezati	_bakrorezac	-1
ploviti	_vazduhoplovstvo	-2	rezati	_bakrorezaonica	-1
ploviti	_vazduhoplovac	-2	rezati	_bakrorezaar	-1
pojiti	_konjopoj	-1	rezati	_bakrorezba	-1
pojiti	_vodopoj	-1	rezati	_bakroreznica	-1
pojiti	_vodopoj	-1	rezati	_drvarez	-1
pojiti	_vodopoj	-1	rezati	_drvarez	-1
pokloniti/se	_ikonopoklonik	-1	rezati	_drvarezac	-1
pokloniti/se	_ikonopoklonstvo	-1	rezati	_drvarezach	-1
pokloniti/se	_krstopoklonik	-1	rezati	_drvarezanje	-1
polagati	_minopolagach	-1	rezati	_drvarezar	-1
posedovati	_zemljoposednica	-2	rezati	_drvarezba	-1
posedovati	_zemljoposednik	-2	rezati	_drvoreznica	-1
prati	_loncoper	-1	rezati	_ikonorez	-1
prati	_loncopera	-1	rezati	_kamenorestvo	-1
prati	_sudoper	-1	rezati	_kamenorezacz	-1
prati	_sudopera	-1	rezati	_kamenorezach	-1
prati	_sudopera	-1	rezati	_kamenoreznica	-1
prati	_sudopera	-1	rezati	_lederez	-1
prati	_sudopera	-1	rezati	_metalorezacz	-1
prati	_sudoperka	-1	rezati	_pechatorezacz	-1
prati	_sudopralja	-1	rezati	_pechatoreznica	-1
presti	_sviloprelja	-1	rezati	_staklorezac	-1
primati	_gostoprimeac	-2	rezati	_stakloreznica	-1
primati	_gostoprimestvo	-2	rezati	_zlatorez	-1
primati	_kamatoprimalac	-2	roviti	_krtorovina	-1
primati	_posloprimac	-2	roviti	_krtorovinjak	-1
primati	_zajmoprimeac	-2	rushiti	_ikonorushilac	-1
primati	_zajmoprimalac	-2	rushiti	_rushimir	-1
probijati/se	_probigora	-1	saditi	_rukosad	-1
probijati/se	_probisvet	-1	savijati	_metalosavijach	-1
prodavati	_drvoprodavac	-1	secci	_drvosecha	-1
prognati	_bratoproganik	-1	secci	_drvosecha	-1
proliti	_krvoprolisce	-1	secci	_drvosechac	-1
proliti	_krvoprolitnica	-1	secci	_drvosek	-1
proliti	_krvoprolitnik	-1	secci	_glavosecha	-1
proliti	_suzoprolisce	-1	secci	_glavosechac	-1
pronalažiti	_vodopronalazzac	-1	secci	_glavosechenje	-1
psovati	_bogopsovac	-1	secci	_glavosechje	-1
psovati	_bogopsovka	-1	secci	_glavosek	-1
pucati	_vrbopuc	-2	secci	_gorosecha	-1
pushiti	_push-pauza	-1	secci	_gorosechac	-1
raditi	_zemljoradnica	-1	secci	_letosech	-1
raditi	_zemljoradnik	-1	secci	_letosech	-1
raditi	_zemljoradnja	-1	secci	_secikesa	-1
radjati	_zzitoradja	-1	secci	_zimosech	-1
rasipati	_raspikucca	-1	secci	_zimosechina	-1
rasipati	_raspikuccstvo	-1	shorati	_shorkapa	-1
razbijati	_razbibriga	-1	skochiti	_skochibuba	-1
razbiti	_razbiguz	-1	skochiti	_skochidevojka	-1
razvijati	_razvigor	-1	skupljati	_vodoskok	-2
razvijati	_razvigorac	-1	slagati	_buvoskulpljach	-1
rendisati	_metalorendisach	-1	slutiti	_slovoslagach	-1
rezati	_bakarerez	-1	slutiti	_zloslut	-2
rezati	_bakarerez	-1	slutiti	_zloslut	-2
rezati	_bakarorezacz	-1			
rezati	_bakrez	-1			
rezati	_bakrez	-1			

slutiti	_zloslut	-2	tvoriti	_chudotvorac	-1
slutiti	_zlosluta	-2	tvoriti	_chudotvorka	-1
slutiti	_zlosluta	-2	tvoriti	_chudotvornik	-1
slutiti	_zlosluta	-2	tvoriti	_chudotvorstvo	-1
slutiti	_zloslatica	-2	tvoriti	_dobrotvor	-1
slutiti	_zloslatica	-2	tvoriti	_dobrotvorac	-1
slutiti	_zloslatica	-2	tvoriti	_dobrotvorka	-1
slutiti	_zloslunica	-2	tvoriti	_dobrotvorstvo	-1
slutiti	_zloslunik	-2	tvoriti	_jezikotvorac	-1
slutiti	_zloslunja	-2	tvoriti	_mirotvorac	-1
smrdeti	_smrdibaba	-2	tvoriti	_mirotvorka	-1
smrdeti	_smrdibuba	-2	tvoriti	_mirotvorstvo	-1
smrdeti	_smrdibuba	-2	tvoriti	_pesmotvorac	-1
smrdeti	_smrdivana	-2	tvoriti	_pesmotvorstvo	-1
smrdeti	_smrdovrana	-2	tvoriti	_rukotvor	-1
smrdeti	_smrdovranka	-2	tvoriti	_rukotvorac	-1
spomenuti	_spomen-dan	-1	tvoriti	_rukotvorina	-1
spomenuti	_spomen-knjiga	-1	tvoriti	_rukotvornik	-1
spomenuti	_spomen-kosturnica	-1	tvoriti	_rukotvorstvo	-1
spomenuti	_spomen-plocha	-1	tvoriti	_stihotvorac	-1
srkati	_vinosrk	-1	tvoriti	_stihotvorka	-1
strigati	_strizibuba	-1	tvoriti	_stihotvorstvo	-1
strigati	_strizzibuba	-1	tvoriti	_umotvor	-1
strugati	_drvostrugar	-1	tvoriti	_umotvorina	-1
svrgnuti	_svrzikapa	-1	tvoriti	_zakonotvorac	-1
svrgnuti	_svrzimantija	-1	tvoriti	_zakonotvorstvo	-1
tecci	_krvotok	-2	tvoriti	_zlotvor	-1
tecci	_suzotek	-2	tvoriti	_zlotvornica	-1
tecci	_tecikucca	-1	tvoriti	_zlotvornik	-1
tecci	_vodotechina	-2	ubiti	_bratoubica	-1
tecci	_vodotechje	-2	ubiti	_bratoubistvo	-1
tecci	_vodorek	-2	ubiti	_chedoubica	-1
tecci	_vodotok	-2	ubiti	_deteubica	-1
tesati	_brodotesach	-1	ubiti	_deteubistvo	-1
tesati	_kamenotesar	-1	ubiti	_kraljeubica	-1
tkati	_zlatotkach	-1	ubiti	_kraljeubistvo	-1
tochiti	_crvotoch	-1	ubiti	_kraljoubica	-1
tochiti	_crvotochina	-1	ubiti	_kraljoubistvo	-1
tochiti	_crvotok	-1	ubiti	_materoubica	-1
tochiti	_drvotoch	-1	ubiti	_materoubistvo	-1
tochiti	_drvotocha	-1	ubiti	_muzzoubica	-1
tochiti	_drvotochac	-1	ubiti	_oceubica	-1
tochiti	_knjigotoch	-1	ukrotiti	_zveroukrotitelj	-1
tochiti	_vinotoch	-1	vaditi	_dushevadnica	-1
tochiti	_vinotocha	-1	vaditi	_dushevadnik	-1
tochiti	_vinotochje	-1	vaditi	_dushovadnica	-1
topiti	_zlatotopka	-1	vaditi	_dushovadnik	-1
trazziti	_zajmotrazzac	-1	vesti	_zlatovez	-1
trazziti	_zajmotrazzilac	-1	vesti	_zlatovezilja	-1
trazziti	_zajmotrazzitelj	-1	vezati	_brkovez	-1
tresti/se	_zemljotres	-2	vezati	_knjigovestvo	-1
trgovati	_konjotrzzac	-1	vezati	_knjigavez	-1
trnuti	_trniguz	-2	vezati	_knjigavezac	-1
trti	_tarikamen	-1	vezati	_knjigavezach	-1
trti	_tarizdela	-1	vezati	_knjigavezica	-1
tuzziti	_tuzzibaba	-1	vezati	_knjigoveznica	-1
tvoriti	_basnotvorac	-1	vezati	_konjovez	-1
tvoriti	_chudotvor	-1	vezati	_vezzikesa	-1

voditi	_duhovidac	_2	voditi	_zzuchovodnik	_1
voditi	_ochevidac	_2	voziti	_kolovoz	_1
voditi	_zlovidjenje	_2	voziti	_kolovoz	_1
visiti	_visibaba	_2	vrteni	_vrtiguz	_1
visiti	_visistarac	_2	vrteni	_vrtiguza	_1
vladati	_strahovlada	_1	vrteni	_vrtikapa	_1
voditi	_brodovodja	_1	vrteni	_vrtirep	_1
voditi	_cegovod	_1	vrteni	_vrtirepka	_1
voditi	_chelovodja	_1	vrteni	_vrtoglavica	_2
voditi	_chetovodja	_1	zametati	_zametikavga	_1
voditi	_gasovod	_1	zametati	_zametkavga	_1
voditi	_horovodja	_1	zametnuti	_zametnikavga	_1
voditi	_hrtovodja	_1	zatrti	_zatrikucca	_1
voditi	_jajovod	_1	zavarivati	_brodozavarivach	_1
voditi	_kashikovodja	_1	zzaliti	_bogozzalac	_2
voditi	_knjigovodja	_1	zzderati	_biljozzder	_1
voditi	_knjigovodjenje	_1	zzderati	_biljozzderac	_1
voditi	_knjigovodstvo	_1	zzderati	_bubozzder	_1
voditi	_knjigovotkinja	_1	zzderati	_drvozzder	_1
voditi	_kolovodja	_1	zzderati	_drvozzderac	_1
voditi	_kolovodjica	_1	zzderati	_hlebozzder	_1
voditi	_konjevodac	_1	zzderati	_hlebozzderka	_1
voditi	_konjovodac	_1	zzderati	_insekozzder	_1
voditi	_konjovodica	_1	zzderati	_jagodozzder	_1
voditi	_konjovodja	_1	zzderati	_klicozzder	_1
voditi	_konjovodstvo	_1	zzderati	_kostozzder	_1
voditi	_kranovodja	_1	zzderati	_krvozzder	_1
voditi	_mashinovodja	_1	zzderati	_kukcozzder	_1
voditi	_mazgovodac	_1	zzderati	_kukcozzderac	_1
voditi	_medovodja	_1	zzderati	_kukcozzderka	_1
voditi	_mlekovod	_1	zzderati	_ljudozzder	_1
voditi	_mokraccovod	_1	zzderati	_ljudozzderstvo	_1
voditi	_munjovod	_1	zzderati	_mesozzder	_1
voditi	_naftovod	_1	zzderati	_mesozzderac	_1
voditi	_parovod	_1	zzderati	_mesozzderka	_1
voditi	_plinovod	_1	zzderati	_mravozzder	_1
voditi	_poslovodja	_1	zzderati	_mravozzderac	_1
voditi	_poslovodjstvo	_1	zzderati	_muvozzder	_1
voditi	_poslovotkinja	_1	zzderati	_plodozzderac	_1
voditi	_rukovodilac	_1	zzderati	_ribozzder	_1
voditi	_semenovod	_1	zzderati	_strvozzderac	_1
voditi	_semevod	_1	zzderati	_svinjozzder	_1
voditi	_slepchovodja	_1	zzderati	_travozzder	_1
voditi	_suzovod	_1	zzderati	_vatrozzder	_1
voditi	_toplovod	_1	zzderati	_zmijozzder	_1
voditi	_vetrovod	_1	zzderati	_zmijozzder	_1
voditi	_vodovod	_1	zzderati	_zrnozzder	_1
voditi	_volovodac	_1	zzderati	_zrnozzderac	_1
voditi	_volovodac	_1	zzderati	_zrnozzderica	_1
voditi	_volovodica	_1	zzderati	_zrnozzderka	_1
voditi	_volovodja	_1	zzderati	_zzabozzder	_1
voditi	_zemljovod	_1	zzderati	_zzilozzdera	_1
voditi	_zemljovodnik	_1	zzeleti	_zlozzelitej	_2
voditi	_zzuchovod	_1			

## **4.3 Pregled agentivnih i neagentivnih glagola**

### **4.3.1 Pregled agentivnih glagola**

#### **4.3.1.1 Pregled agentivnih glagola u engleskom jeziku**

Agentivnim se smatraju oni glagoli koji prihvataju dubinsku značenjsku relaciju 'agens' (definiciju relacije vidi u 2.6.1). Rezultati su sumirani u Tabeli 4.5. Broj agentivnih glagola je 1344, što čini 88.07% od ukupnog broja engleskih glagola. Broj agentivnih glagola u engleskom jeziku je 7.38 puta veći u odnosu na broj neagentivnih i veći za 4.65% od odgovarajućeg broja u srpskohrvatskom.

#### **4.3.1.2 Pregled agentivnih glagola u srpskohrvatskom**

Rezultati su sumirani u Tabeli 4.5. Broj agentivnih glagola je 835, što čini 83.42% od ukupnog broja srpskohrvatskih glagola. Broj agentivnih glagola u srpskohrvatskom jeziku je 5.03 puta veći u odnosu na broj neagentivnih i manji za 4.65% od odgovarajućeg broja u engleskom.

### **4.3.2 Pregled neagentivnih glagola**

#### **4.3.2.1 Pregled neagentivnih glagola u engleskom jeziku**

Neagentivnim se smatraju oni glagoli koji ne prihvataju dubinsku značenjsku relaciju 'agens' (definiciju relacije vidi u 2.6.1). Broj neagentivnih glagola je 182, što čini 11.93% od ukupnog broja engleskih glagola. Broj je 7.38 puta manji od broja agentivnih glagola u engleskom jeziku i za 4.65% manji od odgovarajućeg broja u srpskohrvatskom (vidi Tabelu 4.5).

#### **4.3.2.2 Pregled neagentivnih glagola u srpskohrvatskom jeziku**

Neagentivnim se smatraju oni glagoli koji ne prihvataju dubinsku značenjsku relaciju 'agens' (definiciju vidi u 2.6.1). Broj neagentivnih glagola iznosi 166, što čini 16.58% od ukupnog broja srpskohrvatskih glagola. Broj je 5.03 puta manji od broja agentivnih glagola u srpskohrvatskom i za 4.65% veći od odgovarajućeg broja u engleskom jeziku (vidi Tabelu 4.5).

### **4.3.3 Pregled glagola koji su aktivni kao agentivni i kao neagentivni**

#### **4.3.3.1 Pregled glagola koji su aktivni kao agentivni i kao neagentivni u engleskom jeziku**

Lista glagola je data u celini u Tabeli 4.3. Ovu grupu glagola čine oni koji su aktivni i u svom agentivnom značenju (shine u shoeshine ili hold u holding

fee) i u svom neagentivnom značenju (shine u sunshine ili hold u householder). Za dalje primere čitalac se upućuje na Tabelu 4.1.

**Tabela 4.3 Lista engleskih glagola koji su u složenici aktivni kao agentivni i kao neagentivni**

1. beat	8. peep
2. break	9. set
3. drag	10. shake
4. drift	11. shine
5. fall	12. shoot
6. fold	13. slip
7. hold	14. swing

#### 4.3.3.2 Pregled glagola koji su aktivni kao agentivni i kao neagentivni u srpskohrvatskom jeziku

Lista glagola je data u celini u Tabeli 4.4. Ovu grupu glagola čine oni koji su aktivni i u svom agentivnom značenju (držati u rukodržac ili teći u tecikuća) i u svom neagentivnom značenju (držati u zemljodržac ili teći u vodotek). Za dalje primere čitalac se upućuje na Tabelu 4.2.

**Tabela 4.4 Lista srpskohrvatskih glagola koji su u složenici aktivni kao agentivni i kao neagentivni**

1. držati
2. skočiti
3. teći
4. vrteti

**Tabela 4.5 Aktivni agentivni i neagentivni glagoli broj javljanja**

AE (ABS)	AE (%)	NAE (ABS)	NAE (%)	AS (ABS)	AS (%)	NAS (ABS)	NAS (%)
1344	88.07	182	11.93	835	83.42	166	16.58

A = Agentivni glagoli

NA = Neagentivni glagoli

E = Engleski jezik

S = Srpskohrvatski jezik

ABS = Apsolutna vrednost

## **4.4 Glagoli s obzirom na mesto eksponenta u prvom ili drugom delu složenice**

### **4.4.1 Glagoli čiji je eksponent u prvom delu složenice**

#### **4.4.1.1 Glagoli čiji je eksponent u prvom delu složenice - engleski jezik**

Eksponent glagola je u prvom delu složenice 512 puta, što iznosi 33.55% i što je 1.98 puta manje u odnosu na broj javljanja u drugom delu engleskih složenica i što je za 21.16% više od odgovarajućeg broja u srpskohrvatskom jeziku (vidi Tabelu 4.6).

#### **4.4.1.2 Glagoli čiji je eksponent u prvom delu složenice - srpskohrvatski jezik**

Eksponent glagola je u prvom delu složenice 124 puta, što iznosi 12.39% i što je 7.07 puta manje u odnosu na broj javljanja u drugom delu srpskohrvatskih složenica i što je za 21.16% manje od odgovarajućeg broja u engleskom jeziku (vidi Tabelu 4.6).

### **4.4.2 Glagoli čiji je eksponent u drugom delu složenice**

#### **4.4.2.1 Glagoli čiji je eksponent u drugom delu složenice - engleski jezik**

Eksponent glagola je u drugom delu složenice 1014 puta, što iznosi 66.45% i što je 1.98 puta više u odnosu na broj javljanja u prvom delu engleskih složenica i što je za 21.16% manje od odgovarajućeg broja u srpskohrvatskom jeziku (vidi Tabelu 4.6).

#### **4.4.2.2 Glagoli čiji je eksponent u drugom delu složenice - srpskohrvatski jezik**

Eksponent glagola je u drugom delu složenice 877 puta, što iznosi 87.61% i što je 7.07 puta više u odnosu na broj javljanja u prvom delu srpskohrvatskih složenica i što je za 21.16% više od odgovarajućeg broja u engleskom jeziku (vidi Tabelu 4.6).

### **4.4.3 Glagoli čiji se eksponentijavljaju u dva položaja: prvom i drugom delu složenice**

#### **4.4.3.1 Glagoli čiji se eksponentijavljaju u dva položaja - engleski jezik**

Lista glagola je data u celini u Tabeli 4.7.

**Tabela 4.6 Glagolska komponenta aktivna u prvom delu složenice i  
glagolska komponenta aktivna u drugom delu složenice - broj  
javljanja**

E-I (ABS)	E-I (%)	S-I (ABS)	S-I (%)	E-II (ABS)	E-II (%)	S-II (ABS)	S-II (%)
512	33.55	124	12.39	1014	66.45	877	87.61

E = Engleski jezik  
S = Srpskohrvatski jezik  
I = Prvi deo složenice  
II = Drugi deo složenice  
ABS = Apsolutna vrednost

#### 4.4.3.2 Glagoli čiji se eksponenti javljaju u dva položaja - srpskohrvatski jezik

Lista glagola je data u celini u Tabeli 4.8.

### 4.5 Rečnik glagola i stepen produktivnosti

#### 4.5.1 Rečnik engleskih glagola i stepen produktivnosti

Rečnik je dat u Tabeli 4.9. Rezultati su štampani u dva stupca u po četiri kolone gde se u prvoj koloni nalaze glagoli uređeni po opadajućoj frekvenciji, u drugoj šifra za agentivnost/neagentivnost, u trećoj je data frekvencija (apsolutna vrednost) i u četvrtoj frekvencija (vrednost u procentima).

Rezultati pokazuju da je u engleskim složenicama produktivno 354 glagola (vidi Tabelu 4.11.) od kojih 135 ima frekvenciju 1.

Prvih 20 glagola ima sledeću frekvenciju van složenica (prema COBUILD Merged Corpus (Spoken & Written) Alphabetic Listing 16 July 1984): make 4540, wash 217, keep 1802, work 4623, break 503, cut 855, walk 603, hunt 125, play 1567, catch 348, write 886, grow 476, ride 134, kill 351, pick 363, fight 466, eat 503, dance 255, read 1736 and build 415. Već iz ove liste je očigledno da frekvencija glagola van složenice ne odgovara frekvenciji glagola u složenici (uporedi, na primer, write i grow čija je frekvencija u složenicama jednaka i iznosi 20, a van složenica je write skoro duplo frekventniji u odnosu na grow). Još je upadljivija razlika ako se uzme par sit i scatter: njihova frekvencija u složenicama je ista i iznosi 2, a van složenica ja 700 u slučaju sit i samo 18 u slučaju scatter; ili ako se uporede primeri: look, shake i thump - sva tri glagola imaju u složenici frekvenciju 1, a van složenica 3512, 133 i 53. Smatramo da bi bilo zanimljivo pronaći uzrok ovakvom stanju.

#### 4.5.2 Rečnik srpskohrvatskih glagola i stepen produktivnosti

Rečnik je dat u Tabeli 4.10. Rezultati su štampani u dva stupca u po četiri kolone gde se u prvoj koloni nalaze glagoli uređeni po opadajućoj

frekvenciji, u drugoj šifra za agentivnost/neagentivnost, u trećoj je data frekvencija (apsolutna vrednost) i u četvrtoj frekvencija (vrednost u procentima).

Rezultati pokazuju da je u srpskohrvatskim složenicama produktivno 179 glagola (vidi Tabelu 4.11.) od kojih 79 ima frekvenciju 1.

**Tabela 4.7 Lista engleskih glagola koji su aktivni u dva položaja: prvom i drugom delu složenice**

1. bake	29. fall	57. roll
2. bathe	30. feed	58. rove
3. bind	31. fish	59. run
4. bleed	32. fold	60. scratch
5. blow	33. go	61. search
6. boil	34. grind	62. shoot
7. break	35. guide	63. show
8. call	36. hang	64. sing
9. carry	37. hold	65. sit
10. carve	38. hunt	66. skate
11. catch	39. jump	67. slip
12. change	40. kill	68. spin
13. chew	41. land	69. stand
14. clean	42. lift	70. stop
15. climb	43. live	71. suck
16. cut	44. make	72. surf
17. dance	45. mix	73. sweep
18. dive	46. peep	74. teach
19. do	47. pick	75. tell
20. draw1	48. pinch	76. try
21. draw2	49. play	77. walk
22. drift	50. polish	78. wander
23. drill	51. punch	79. warm
24. drink	52. push	80. wash
25. drive	53. quake	81. watch
26. drop	54. read	82. work
27. dwell	55. record	83. write
28. eat	56. ride	

**Tabela 4.8 Lista srpskohrvatskih glagola koji su aktivni u dva položaja:  
prvom i drugom delu složenice**

1. cepati	10. lizati
2. čistiti	11. mrzeti
3. derati	12. mutiti
4. goniti	13. paziti
5. gristi	14. piriti
6. gubiti	15. seći
7. jesti	16. skočiti
8. kazati	17. teći
9. krasti	18. vezati

**Tabela 4.9 Rečnik engleskih glagola i stepen produktivnosti**

Glagoli	kod	f(ABS)	%	Glagoli	kod	f(ABS)	%
make	1	123	8.06	drink	1	10	0.66
wash	1	40	2.62	lift	1	9	0.59
keep	1	36	2.36	hold	2	9	0.59
work	1	31	2.03	fall	2	9	0.59
break	1	31	2.03	drift	2	9	0.59
cut	1	28	1.83	bathe	1	9	0.59
walk	1	27	1.77	worship	1	8	0.52
hunt	1	25	1.64	taste	1	8	0.52
play	1	24	1.57	run	1	8	0.52
catch	1	22	1.44	push	1	8	0.52
write	1	20	1.31	paint	1	8	0.52
grow	1	20	1.31	go	1	8	0.52
ride	1	18	1.18	find	1	8	0.52
kill	1	17	1.11	drive	1	8	0.52
pick	1	16	1.05	draw2	1	8	0.52
fight	1	16	1.05	bear	1	8	0.52
eat	1	16	1.05	wish	2	7	0.46
dance	1	16	1.05	turn	1	7	0.46
read	1	14	0.92	tend	1	7	0.46
build	1	14	0.92	stop	1	7	0.46
watch	1	13	0.85	spy	1	7	0.46
stand	2	13	0.85	sleep	2	7	0.46
own	2	13	0.85	shoot	1	7	0.46
fish	1	13	0.85	quake	2	7	0.46
draw1	1	12	0.79	pay	1	7	0.46
clean	1	12	0.79	grind	1	7	0.46
hold	1	11	0.72	float	2	7	0.46
call	1	11	0.72	dress	1	7	0.46
suck	1	10	0.66	do	1	7	0.46
set	1	10	0.66	cool	1	7	0.46
love	2	10	0.66	ache	2	7	0.46

Glagoli	kod	f(ABS)	%	Glagoli	kod	f(ABS)	%
carry	1	6	0.39	swim	1	3	0.20
tell	1	6	0.39	steal	1	3	0.20
sweep	1	6	0.39	split	1	3	0.20
stink	2	6	0.39	sneeze	2	3	0.20
shake	1	6	0.39	snatch	1	3	0.20
feed	1	6	0.39	smoke	1	3	0.20
drop	1	6	0.39	slip	1	3	0.20
collect	1	6	0.39	skate	1	3	0.20
burn	1	6	0.39	shake	1	3	0.20
water	1	5	0.33	search	1	3	0.20
surf	1	5	0.33	scrub	1	3	0.20
spin	1	5	0.33	scratch	1	3	0.20
shine	2	5	0.33	row	1	3	0.20
seek	1	5	0.33	rove	1	3	0.20
pull	1	5	0.33	roll	1	3	0.20
print	1	5	0.33	rise	2	3	0.20
light	1	5	0.33	rest	2	3	0.20
lick	1	5	0.33	refine	1	3	0.20
jump	1	5	0.33	record	1	3	0.20
hop	1	5	0.33	raise	1	3	0.20
dive	1	5	0.33	punch	1	3	0.20
climb	1	5	0.33	land	1	3	0.20
choke	2	5	0.33	heat	1	3	0.20
bake	1	5	0.33	gather	1	3	0.20
carve	1	4	0.26	dip	1	3	0.20
weep	2	4	0.26	detect	1	3	0.20
warm	1	4	0.26	crack	1	3	0.20
stick	1	4	0.26	cook	1	3	0.20
show	1	4	0.26	change	1	3	0.20
sell	1	4	0.26	burst	2	3	0.20
scrape	1	4	0.26	break	2	3	0.20
rattle	2	4	0.26	boil	1	3	0.20
polish	1	4	0.26	blow	1	3	0.20
open	1	4	0.26	beat	1	3	0.20
mend	1	4	0.26	wind	1	2	0.13
hang	1	4	0.26	win	1	2	0.13
give	1	4	0.26	twist	1	2	0.13
dwell	1	4	0.26	try	1	2	0.13
dine	1	4	0.26	trim	1	2	0.13
dig	1	4	0.26	travel	1	2	0.13
chew	1	4	0.26	thrash	1	2	0.13
bind	1	4	0.26	throw	1	2	0.13
wander	1	3	0.20	teach	1	2	0.13
wait	2	3	0.20	tame	1	2	0.13
take	1	3	0.20	swing	2	2	0.13

Glagoli	kod	f(ABS)	%	Glagoli	kod	f(ABS)	%
swing	1	2	0.13	flutter	1	2	0.13
swell	1	2	0.13	fasten	1	2	0.13
stumble	2	2	0.13	erase	1	2	0.13
stretch	1	2	0.13	earn	1	2	0.13
start	1	2	0.13	drill	1	2	0.13
stain	1	2	0.13	dream	2	2	0.13
sprinkle	1	2	0.13	drag	1	2	0.13
spit	1	2	0.13	design	1	2	0.13
speak	1	2	0.13	curl	1	2	0.13
sob	2	2	0.13	crush	1	2	0.13
slip	2	2	0.13	crow	1	2	0.13
slide	2	2	0.13	cover	1	2	0.13
slice	1	2	0.13	consume	1	2	0.13
skim	1	2	0.13	condense	1	2	0.13
sit	2	2	0.13	come	1	2	0.13
sing	1	2	0.13	chop	1	2	0.13
shine	1	2	0.13	check	1	2	0.13
shed	1	2	0.13	brew	1	2	0.13
sew	1	2	0.13	breathe	1	2	0.13
set	2	2	0.13	book	1	2	0.13
scatter	1	2	0.13	bleed	2	2	0.13
rub	1	2	0.13	black	1	2	0.13
rock	1	2	0.13	bite	1	2	0.13
regulate	1	2	0.13	bait	1	2	0.13
produce	1	2	0.13	hide	1	1	0.06
poison	1	2	0.13	wring	1	1	0.06
point	1	2	0.13	wrap	1	1	0.06
pinch	1	2	0.13	wipe	1	1	0.06
peck	1	2	0.13	whiten	1	1	0.06
model	1	2	0.13	whet	1	1	0.06
mock	1	2	0.13	weigh	1	1	0.06
mix	1	2	0.13	weave	1	1	0.06
mind	1	2	0.13	warble	1	1	0.06
live	2	2	0.13	tune	1	1	0.06
lend	1	2	0.13	train	1	1	0.06
lay	1	2	0.13	trace	1	1	0.06
laugh	2	2	0.13	tour	1	1	0.06
heal	1	2	0.13	touch	1	1	0.06
guide	1	2	0.13	toast	1	1	0.06
grab	1	2	0.13	thrust	1	1	0.06
gaze	1	2	0.13	thicken	1	1	0.06
gamble	1	2	0.13	talk	1	1	0.06
fry	1	2	0.13	switch	1	1	0.06
fold	1	2	0.13	swear	1	1	0.06
flow	2	2	0.13	swat	1	1	0.06

Glagoli	kod	f(ABS)	%	Glagoli	kod	f(ABS)	%
swallow	1	1	0.06	pave	1	1	0.06
strip	1	1	0.06	pat	1	1	0.06
strain	1	1	0.06	pass	1	1	0.06
stew	1	1	0.06	park	1	1	0.06
steer	1	1	0.06	pack	1	1	0.06
stamp	1	1	0.06	offer	1	1	0.06
squeeze	1	1	0.06	mow	1	1	0.06
spring	1	1	0.06	milk	1	1	0.06
spread	1	1	0.06	magnify	1	1	0.06
spoil	1	1	0.06	mable	1	1	0.06
spend	1	1	0.06	look	1	1	0.06
sort	1	1	0.06	locate	1	1	0.06
soften	1	1	0.06	line	1	1	0.06
sneak	1	1	0.06	knit	1	1	0.06
smell	1	1	0.06	kick	1	1	0.06
slay	1	1	0.06	jog	1	1	0.06
skip	1	1	0.06	jerk	1	1	0.06
ski	1	1	0.06	iron	1	1	0.06
sink	1	1	0.06	indicate	1	1	0.06
shrink	1	1	0.06	ice	1	1	0.06
shoot	2	1	0.06	hush	1	1	0.06
shift	1	1	0.06	hum	1	1	0.06
sharpen	1	1	0.06	grub	1	1	0.06
share	1	1	0.06	grip	1	1	0.06
shake	2	1	0.06	grill	1	1	0.06
serve	1	1	0.06	greet	1	1	0.06
seal	1	1	0.06	glow	2	1	0.06
scribble	1	1	0.06	giggle	2	1	0.06
screech	1	1	0.06	fret	1	1	0.06
scare	1	1	0.06	freshen	1	1	0.06
scan	1	1	0.06	freeze	1	1	0.06
scalp	1	1	0.06	frame	1	1	0.06
scale	1	1	0.06	found	1	1	0.06
saw	1	1	0.06	follow	1	1	0.06
rush	1	1	0.06	fold	2	1	0.06
rob	1	1	0.06	fit	1	1	0.06
roast	1	1	0.06	fill	1	1	0.06
revolve	1	1	0.06	fetch	1	1	0.06
restore	1	1	0.06	fall	1	1	0.06
post	1	1	0.06	extinguish	1	1	0.06
poach	1	1	0.06	edge	1	1	0.06
plan	1	1	0.06	dry	1	1	0.06
pierce	1	1	0.06	drift	1	1	0.06
peep	2	1	0.06	drain	1	1	0.06
peep	1	1	0.06	drag	2	1	0.06

Glagoli	kod	f(ABS)	%	Glagoli	kod	f(ABS)	%
dare	1	1	0.06	charm	1	1	0.06
cure	1	1	0.06	brush	1	1	0.06
cry	1	1	0.06	breed	1	1	0.06
cross	1	1	0.06	box	1	1	0.06
creep	1	1	0.06	blot	1	1	0.06
compose	1	1	0.06	blaze	2	1	0.06
comb	1	1	0.06	bend	1	1	0.06
clasp	1	1	0.06	beg	1	1	0.06
clap	1	1	0.06	beat	2	1	0.06
chill	1	1	0.06	answer	1	1	0.06
chase	1	1	0.06	thump	1	1	0.06

Tabela 4.10 Rečnik srpskohrvatskih glagola i stepen produktivnosti

Glagoli	kod	f(ABS)	%	Glagoli	kod	f(ABS)	%
nositi	1	62	6.20	goniti	1	9	0.90
voditi	1	49	4.90	plaviti	1	8	0.80
ljubiti	2	45	4.50	mutiti	1	7	0.70
žderati	1	37	3.70	metati	1	7	0.70
tvoriti	1	31	3.10	kazati	1	7	0.70
loviti	1	31	3.10	graditi	1	7	0.70
jesti	1	30	3.00	deljati	1	7	0.70
rezati	1	30	3.30	teći	2	7	0.70
moriti	1	27	2.70	smrdeti	2	6	0.60
derati	1	26	2.60	pimati	2	6	0.60
lomiti	1	25	2.50	ploviti	2	6	0.60
gubiti	2	23	2.30	huliti	1	6	0.60
boleti	2	22	2.20	guliti	1	6	0.60
seći	1	21	2.10	vrтeti	1	6	0.60
braniti	1	19	1.90	padati	2	5	0.50
krasti	1	19	1.90	liti	1	5	0.50
činiti	1	18	1.80	gristi	1	5	0.50
piti	1	16	1.60	gojiti	1	5	0.50
pisati	1	15	1.50	vaditi	1	5	0.50
ubiti	1	15	1.50	spomenuti	1	4	0.40
slutiti	2	13	1.30	proliti	1	4	0.40
brati	1	12	1.20	pojiti	1	4	0.40
točiti	1	11	1.10	paziti	1	4	0.40
delati	1	10	1.00	mesti	1	4	0.40
davati	1	10	1.00	lokati	1	4	0.40
vezati	1	10	1.00	ležati	2	4	0.40
prati	1	9	0.90	držati	2	4	0.40
mrzeti	2	9	0.90	cepati	1	4	0.40
moliti se	1	9	0.90	boriti se	1	4	0.40
lizati	1	9	0.90	videti	2	4	0.40

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Glagoli	kod	f(ABS)	%	Glagoli	kod	f(ABS)	%
tražiti	1	3	0.30	zametnuti	1	1	0.10
raditi	1	3	0.30	vrjeti	2	1	0.10
pokloniti se	1	3	0.30	vladati	1	1	0.10
piriti	1	3	0.30	ukrotiti	1	1	0.10
mlatiti	1	3	0.30	tužiti	1	1	0.10
krpiti	1	3	0.30	trnuti	2	1	0.10
kositi	1	3	0.30	trgovati	1	1	0.10
kopati	1	3	0.30	tresti se	2	1	0.10
hvaliti	1	3	0.30	topiti	1	1	0.10
držati	1	3	0.30	tkati	1	1	0.10
biti	1	3	0.30	teći	1	1	0.10
zametati	1	3	0.30	srkati	1	1	0.10
voziti	1	2	0.20	slagati	1	1	0.10
visiti	2	2	0.20	skupljati	1	1	0.10
vesti	1	2	0.20	skočiti	2	1	0.10
trti	1	2	0.20	šorati	1	1	0.10
tesati	1	2	0.20	savijati	1	1	0.10
svrgnuti	1	2	0.20	saditi	1	1	0.10
strigati	1	2	0.20	rendisati	1	1	0.10
skočiti	1	2	0.20	razbiti	1	1	0.10
rušiti	1	2	0.20	razbijati	1	1	0.10
roviti	1	2	0.20	radjati	1	1	0.10
razvijati	1	2	0.20	pušti	1	1	0.10
rasipati	1	2	0.20	pucati	2	1	0.10
psovati	1	2	0.20	pronalažiti	1	1	0.10
probijati se	1	2	0.20	prognati	1	1	0.10
posedovati	2	2	0.20	prodavati	1	1	0.10
plakati	2	2	0.20	presti	1	1	0.10
paliti	1	2	0.20	polagati	1	1	0.10
mazati	1	2	0.20	pevati	1	1	0.10
mamiti	1	2	0.20	peći	1	1	0.10
leteti	1	2	0.20	pakovati	1	1	0.10
kovati	1	2	0.20	odvoditi	1	1	0.10
klimati	1	2	0.20	nalivati	1	1	0.10
klepati	1	2	0.20	musti	1	1	0.10
ispiti	1	2	0.20	mastiti	1	1	0.10
glodati	1	2	0.20	luftirati	1	1	0.10
gladiti	1	2	0.20	ložiti	1	1	0.10
gasiti	1	2	0.20	lomiti se	2	1	0.10
čistiti	1	2	0.20	liptati	2	1	0.10
bušiti	1	2	0.20	lečiti	1	1	0.10
želeti	2	2	0.20	kupiti	1	1	0.10
žaliti	2	1	0.10	kuditi	1	1	0.10
zavarivati	1	1	0.10	kriviti	1	1	0.10
zatrati	1	1	0.10	kretati se	1	1	0.10

Glagoli	kod	f(ABS)	%	Glagoli	kod	f(ABS)	%
kopirati	1	1	0.10	duvati	1	1	0.10
kljuvati	1	1	0.10	drpati	1	1	0.10
klati	1	1	0.10	drkati	1	1	0.10
keziti	1	1	0.10	dizati	1	1	0.10
kesiti	1	1	0.10	čupati	1	1	0.10
kešati se	1	1	0.10	ćušnuti	1	1	0.10
izjesti	1	1	0.10	busati se	1	1	0.10
ispijati	1	1	0.10	brusiti	1	1	0.10
hvataći	1	1	0.10	brisati	1	1	0.10
hraniti	1	1	0.10	bojati se	2	1	0.10
heftati	1	1	0.10	bežati	1	1	0.10
gutati	1	1	0.10	bđeti	2	1	0.10
grđiti	1	1	0.10	bacati	1	1	0.10
gledati	1	1	0.10				
gaziti	1	1	0.10				

**Tabela 4.11 Različiti glagoli aktivni u složenicama  
Brojčani izraz**

E (ABS)	E (%)	S (ABS)	S (%)
354	23.20	179	17.88

E = Engleski jezik

S = Srpskohrvatski jezik

ABS = Apsolutna vrednost

**Tabela 4.12 Brojčani odnos glagolskih i imeničkih  
komponenti aktivnih u složenicama**

V/N E (ABS)	V/N E (%)	V/N S (ABS)	V/N S (%)
0.70	70	0.64	64

E = Engleski jezik

S = Srpskohrvatski jezik

ABS = Apsolutna vrednost

#### 4.5.3 Brojčani odnos glagolskih i imeničkih komponenti

Rezultati su dati u Tabeli 4.12. Odnos broja glagola i broja imenica pokazuje da broj glagola iznosi 70% ukupnog broja imenica u engleskom jeziku i 64% ukupnog broja imenica u srpskohrvatskom jeziku.

## **5. Imeničke komponente u strukturi imeničkih složenica u engleskom i srpskohrvatskom jeziku**

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### **5.1 Predmet i cilj rada**

Na temelju zaključaka istraživanja o dihotomiji N-V (imenica-glagol) u strukturi složenica (vidi Janković, 1986): da elementi složenice nemaju status reči, te da se ne mogu klasifikovati po vrsti reči i da je dihotomizacija N-V sporna; da ukoliko se traži veza između reči i elemenata složenice ona može biti samo u tom smislu da reči mogu motivisati složenicu, te saglasno tretmanu glagolskih komponenti u strukturi imeničkih složenica (poglavlje 4), uzeli smo za predmet ovog dela rada imenice od kojih elementi složenice na osnovu njenog značenja potencijalno vode poreklo (gde se termin poreklo uzima u njegovom generativnom (sinhronom), a ne u genetskom (dijahronom) smislu i postavili cilj da damo pregled svih motivišućih imenica u oba jezika, da ih klasifikujemo s obzirom na mesto eksponenta motivišuće imenice u prvom ili drugom delu binomne složenice i s obzirom na karakteristiku živo/neživo, da ustanovimo stepen produktivnosti pojedinih imenica u oba jezika i da rezultate uporedimo.

### **5.2 Pregled imenica**

#### **5.2.1 Pregled imenica u engleskom jeziku**

Lista imenica sa kojima su imeničke komponente u složenicama u generativnoj vezi data je u potpunosti u Tabeli 5.1. Rezultati su štampani u dva stupca sa po dve kolone gde su u prvoj koloni date imenice sa kojima su imeničke komponente u složenicama u generativnoj vezi, a u drugoj odgovarajuće složenice. Čitalac se dalje upućuje na relevantna mesta u odeljku 2.5.1 u kome je objašnjen način kodiranja i na prikaz programa i Zadatka 1 u poglavlju 3. čiji je data lista autput.

**Tabela 5.1 Pregled engleskih imenica sa kojima su imeničke komponente u složenici u generativnoj vezi**

air	_air-condenser	air	_air-regulator
air	_air-condensing	air	_air_freshener
air	_air-cooler	ale	_ale-taster
air	_air-cooling	ale	_ale-tasting
air	_air-drop	anchor	_drag-anchor
air	_air-flow	anchor	_drift-anchor

animal	_animal-lover	bird	_bird-call
animal	_animal-loving	bird	_bird-catcher
ant	_ant_killer	bird	_bird-lover
ant	_hunting-ant	bird	_bird-watcher
apple	_apple-grower	bird	_bird_trainer
apple	_apple-growing	bird	_call-bird
apple	_choke-apple	bird	_humming-bird
arrow	_arrow-maker	bird	_mock-bird
axe	_axe-grinder	bird	_mocking-bird
baby	_baby-sitter	bird	_singing-bird
baby	_baby-walker	bird	_stink-bird
baby	_babyminder	block	_stumbling-block
baby	_cry-baby	blood	_blood-giver
back	_back-scratcher	blood	_blood-giving
back	_back-stretch	blood	_blood-sucker
back	_backache	blood	_bloodshed
bag	_sleeping-bag	blood	_blood_poisoning
bag	_workbag	blue	_washing-blue
ball	_punch-ball	board	_diving_board
ball	_wash-ball	board	_draining_board
bar	_bar-keeper	board	_drawing-board
bar	_barkeep	board	_ironing-board
bar	_bartender	board	_running-board
bar	_drag-bar	board	_scratch_board
bar	_draw-bar	board	_scrubbing-board
barge	_row-barge	board	_scrub_board
basin	_catch-basin	board	_skateboard
basin	_filtering-basin	board	_springboard
basin	_wash-basin	board	_surf-board
basket	_workbasket	board	_surfing-board
bear	_dancing_bear	board	_washing-board
bed	_bed-maker	boat	_boat-owner
bed	_bed-warmer	boat	_boat_owning
bed	_standing-bed	boat	_boat_builder
bee	_bee-eater	boat	_boat_building
bee	_beekeeper	boat	_fishing-boat
bee	_beekeeping	boat	_row-boat
beer	_beer_brewer	boat	_rowing-boat
beer	_beer_brewing	boat	_surf-boat
beer	_beer_drinker	boat	_swingboat
beetle	_rove-beetle	body	_body-building
bell	_bell-pull	body	_body-lifter
bell	_bell-pusher	body	_body-snatcher
bell	_bell-pushing	bomb	_stink-bomb
bell	_call-bell	bone	_bone-breaker
belly	_belly-landing	bone	_bone-setter
belly	_bellyache	bone	_bone-setting
belly	_belly_dancer	bone	_bone-shaker
bench	_workbench	bone	_break-bones
berry	_berry-picker	bone	_saw-bones
berry	_berry-picking	bone	_wish-bone
berry	_chokeberry	bone	_wishing-bone
bicycle	_bicycle-rider	book	_book-bindery
bicycle	_bicycle-riding	book	_book-collecting
bicycle	_push-bicycle	book	_book-collector
bike	_push-bike	book	_book-keeper
birch	_weeping-birch	book	_book-keeping

book	_bookbinder	bridge	_lift-bridge
book	_bookbinding	bridge	_lifting-bridge
book	_bookseller	bridge	_swing-bridge
book	_guide-book	bridge	_turn-bridge
book	_reading-book	broom	_broom-maker
book	_writing-book	brush	_brush-maker
boot	_boot-scraper	brush	_scratch-brush
boot	_bootblack	brush	_scrubbing-brush
boot	_bootlick	brush	_shaving-brush
boot	_bootlicker	buffalo	_buffalo-hunter
boot	_bootlicking	buffalo	_buffalo-hunting
boot	_bootmaker	bull	_bull-baiter
boot	_bootmaking	bull	_bull-baiting
boot	_climbing-boot	bull	_bullfight
boot	_riding-boot	bull	_bullfighter
boot	_walking_boot	bull	_bullfighting
border	_border-crosser	bus	_bus-driver
bottle	_bottle-washer	bush	_bush-fighter
bottle	_bottle-washer	bush	_bush_fighting
bottle	_bottle_holder	butter	_butter-cooler
bottle	_feeding-bottle	butter	_butter-cutter
bottle	_suck-bottle	butter	_butter_maker
bottle	_sucking-bottle	butter	_butter_making
bowl	_standing-bowl	button	_button_maker
bowl	_wash-bowl	button	_button_making
box	_box-keeper	button	_call_button
box	_call-box	button	_push-button
box	_pay-box	cabinet	_cabinet-maker
box	_posting_box	cabinet	_cabinetmaking
box	_sneeze-box	cake	_cake_cooler
box	_spit-box	cake	_cake_server
box	_workbox	can	_can_opener
boy	_call-boy	can	_watering-can
boy	_draw-boy	candle	_candle-lighter
boy	_playboy	candle	_candle_lighter
brain	_brain-twister	candle	_candle_maker
brain	_rattle-brain	candle	_candle_making
brain	_scatter-brain	candle	_candle_stand
bread	_breadwinner	candy	_candy_maker
bread	_bread_maker	candy	_candy_making
bread	_bread_seller	cane	_cane-killer
breeches	_riding-breeches	cane	_cane-stripper
bribe	_bribe-giver	cane	_walking-cane
bribe	_bribe-taker	canoe	_canoe-maker
brick	_brick-burner	canoe	_canoe-making
brick	_brick-setter	canvas	_surf-canoe
brick	_bricklayer	canvas	_canvas-maker
brick	_brickmaker	canvas	_canvas-making
brick	_brickmaking	cap	_bathing_cap
brick	_brick_pointer	cap	_wishing-cap
brick	_brick_pointing	car	_car-owner
bridge	_bridge-keeper	car	_car_owning
bridge	_bridge-keeping	car	_car_park
bridge	_bridge-tender	car	_car_maker
bridge	_bridge-tending	car	_car_making
bridge	_drawbridge	car	_dining_car
bridge	_drawing-bridge	car	_sleeping-car

car	_touring-car	class	_class_work
card	_cardpunch	class	_working-class
card	_card_holder	clay	_clay-modeler
card	_card_player	clay	_clay-modeling
card	_greeting_card	cloak	_riding-cloak
card	_playing-card	clock	_clock-watcher
carpet	_carpet-sweeper	clock	_clock-watching
carpet	_carpet_cleaner	clock	_clock_keeper
cart	_go-cart	clock	_clock_keeping
cart	_push-cart	clog	_clog_maker
cart	_watering-cart	clog	_clog_making
cash	_cash-keeper	cloth	_cloth-maker
cash	_cash-keeping	cloth	_wash-cloth
cassette	_cassette_recorder	clothes	_riding-clothes
castle	_castle-builder	cloud	_cloud-drift
castle	_castle_building	cloud	_cloudburst
cave	_cave-diver	coach	_coachbuilder
cave	_cave-dweller	coach	_coach_building
centre	_playcentre	coach	_coach_maker
cereal	_cereal-maker	coach	_coach_making
cereal	_cereal-making	coach	_sleeping-coach
chain	_chain_maker	coach	_slip-coach
chain	_chain_making	coal	_coal-burner
chair	_chair-warmer	coal	_coal-burning
chair	_chair_maker	coal	_coal-consumer
chair	_chair_making	coal	_coal-consuming
chair	_chair_mender	coal	_coal-digger
chair	_chair_mending	coal	_coal-digging
chair	_push-chair	coat	_coal-owner
chair	_rocking-chair	coat	_coat_hanger
chapel	_chapelgoer	coat	_riding-coat
cheese	_cheese-slicer	cock	_turncoat
cheese	_cheese_cutter	cock	_cock-crow
cheese	_cheese_maker	cock	_cock-crowing
cheese	_cheese_making	cock	_cock-fight
cheese	_cheese_taster	cocktail	_cock-fighting
cheese	_cheese_trier	coffee	_cocktail-shaker
cheese	_cooking-cheese	coffee	_coffee-drinker
cherry	_cherry-chopper	coffee	_coffee-drinking
cherry	_cherry-sucker	coffee	_coffee-grinder
cherry	_choke-cherry	coffee	_coffee-grower
chess	_chess-player	coffee	_coffee-growing
chess	_chess-playing	coffee	_coffee-producer
chicken	_boiling-chicken	coffee	_coffee-producing
chicken	_roasting-chicken	coffee	_coffee_maker
chimney	_chimney-sweep	coffee	_coffee_whitener
chimney	_chimney-sweeper	coffin	_coffin_maker
chocolate	_chocolate-maker	coffin	_coffin_making
chocolate	_chocolate-making	cog	_hunting-cog
chocolate	_drinking_chocolate	concert	_concertgoer
church	_church-goer	copper	_float-copper
church	_church-going	corn	_corn-crusher
cigar	_cigar_maker	corn	_corn-grower
cigar	_cigar_making	corn	_corn-growing
cigarette	_cigarette-holder	corner	_corn_cutter
cigarette	_cigarette-lighter	costume	_corner-kick
circuit	_circuit-breaker		_bathing-costume

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costume	_costume_designer	dirt	_dirt-eating
cot	_carrycot	dish	_dish-cover
cotton	_cotton-chopper	dish	_dish-washer
cotton	_cotton-opener	dish	_dish-washer
cotton	_cotton-picker	disk	_skimming-disk
cotton	_cotton-picker	dog	_dog-catcher
cotton	_cotton_stainer	dog	_dog-catching
cow	_cow-keeper	dog	_dog_show
cow	_cow-keeping	dog	_hangdog
cow	_cow-milker	dog	_hunting-dog
crab	_crab-catcher	dog	_pat-dog
crab	_crab-eater	dog	_watch-dog
cradle	_cradle_maker	doll	_doll_maker
cradle	_cradle_making	door	_door-keeper
cream	_cream-maker	door	_doorscraper
cream	_cream-making	door	_doorstop
cream	_shaving_cream	door	_doorstopper
cream	_washing_cream	door	_folding-door
crop	_share-cropper	door	_revolving_door
cross	_cross-bearer	dress	_bathing-dress
cross	_cross-maker	dress	_dress-maker
cross	_cross-making	dress	_dress-making
crow	_scare-crow	drum	_drumbeat
cruet	_cruet-stand	duck	_duck-hunting
cup	_standing-cup	dust	_spy-dust
curtain	_drop-curtain	ear	_ear-ache
cycle	_push-cycle	ear	_ear-pick
day	_call-day	ear	_ear-picker
day	_daybreak	earth	_earth-shaking
day	_daydream	earth	_earth-shine
day	_daydreamer	eel	_eel-catcher
day	_daypeep	eel	_eel-catching
day	_day_work	egg	_egg-beater
day	_day_worker	egg	_egg-gatherer
day	_pay-day	egg	_egg-gathering
day	_play-day	egg	_egg-sucker
day	_walking-day	egg	_egg_slicer
day	_wash-day	egg	_suck-egg
day	_washing-day	elm	_weeping-elm
day	_work-day	empire	_empire-builder
day	_working-day	empire	_empire-building
dear	_dear-stealer	engine	_engine-driver
desk	_pay-desk	evil	_evil-doer
desk	_reading-desk	evil	_evil-doing
desk	_writing-desk	eye	_eye-opener
devil	_dare-devil	eye	_eye-wash
devil	_devil-worshipper	eye	_eyeliner
devil	_devil-worshipping	face	_face-ache
devil	_kill-devil	face	_face_reading
dew	_dew_fall	faith	_faith-breaker
diamond	_cutting_diamond	farm	_farm_work
diamond	_diamond-breaker	fashion	_fashion-follower
diamond	_diamond-cutter	fashion	_fashion-setter
diamond	_diamond-cutting		
die	_die_maker		
die	_die_making		
dirt	_dirt-eater		

fault	_fault-finder	fork	_tuning-fork
fault	_fault-finding	fortune	_fortune-hunter
fault	_fault-reader	fortune	_fortune-teller
fee	_holding_fee	fortune	_fortune-telling
fellow	_playfellow	fox	_fox-chase
fellow	_work-fellow	fox	_fox-hunt
felt	_felt_maker	fox	_fox-hunter
felt	_felt_making	fox	_fox-hunting
fiche	_fiche_reader	frame	_drawing-frame
field	_field-work	freedom	_freedom-lover
field	_hunting-field	freedom	_freedom-loving
field	_landing-field	frog	_frog-eater
field	_playing-field	fruit	_fruit_grower
fig	_fig-picker	fruit	_fruit_growing
fig	_fig-picking	fund	_fund-raiser
film	_film_maker	fund	_fund-raising
film	_film_making	furniture	_furniture-maker
fire	_fire-eater	furniture	_furniture-making
fire	_fire-extinguisher	gag	_gag-writer
fire	_fire-fighter	gallery	_shooting-gallery
fire	_fire-raiser	game	_game-keeper
fire	_fire-walk	gap	_stop-gap
fire	_fire-walker	gap	_stop-gap
fire	_fire-walking	gas	_gas-detector
fire	_fire-watcher	gas	_gas-fitter
fire	_fire-watching	gas	_gas-heater
fire	_fire-worship	gas	_gas-indicator
fire	_fire-worshipper	gas	_gas-regulator
fire	_firefighter	gas	_gas-washer
fire	_fire_break	gas	_laughing-gas
fire	_spit-fire	gate	_gate-keeper
fish	_fish-eater	gate	_gate-tender
fish	_fish-strainer	gate	_gate-tending
fish	_suck-fish	gate	_lift-gate
fish	_swell-fish	gate	_lifting-gate
fish	_walking-fish	gate	_wishing-gate
flame	_flame-bearer	gem	_gem-cutter
flesh	_flesh-quake	gem	_gem-cutting
flesh	_flesh-taster	gentleman	_walking-gentleman
floor	_thrashing-floor	girl	_call-girl
flower	_flower-grower	girl	_dancing-girl
flower	_flower-growing	girl	_play-girl
flower	_flower-lover	glass	_glass-blower
flower	_flower-show	glass	_glass-cutter
fly	_catchfly	glass	_glass-painter
fly	_fly-catcher	glass	_glass-painting
fly	_fly-catcher	glass	_glass_work
fly	_fly-catcher	glass	_looking-glass
fly	_fly-fisher	glass	_magnifying_glass
fly	_fly-fishing	glass	_reading-glass
fly	_flymaker	glass	_spy-glass
fly	_flyswatter	glove	_boxing-glove
fly	_fly_killer	glove	_glove-maker
foot	_foot-licker	glove	_glove-making
foot	_foot_washing	glove	_reading_glove
fork	_carving_fork	glove	_riding-glove
fork	_toasting-fork	gnat	_gnat-catcher

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goal	_goalkeeper	hat	_hat_making
goal	_goaltender	hat	_hat_stand
goal	_goaltending	hay	_hay_grower
gold	_float-gold	hay	_hay-growing
gold	_gold-beater	hay	_hay-maker
gold	_gold-finder	hay	_hay-making
gold	_gold-wash	head	_head-hunt
gold	_gold-washer	head	_head-hunter
gold	_gold-washing	head	_head-hunting
gold	_gold-washing	head	_headache
good	_do-gooder	head	_headshake
good	_good-doer	head	_headshrinker
good	_scattergood	head	_headstand
grass	_floating_grass	head	_rattle-head
grass	_grasshopper	heart	_bleeding-heart
grass	_quaking-grass	heart	_heart-break
grave	_grave-digger	heart	_heartquake
grave	_grave-digger	heart	_heartache
green	_green-keeper	heart	_heartbreaker
ground	_breeding-ground	heart	_heart_beat
ground	_hunting-ground	hedge	_hedge-trimmer
ground	_playground	heel	_heel-cutter
ground	_standing-ground	heel	_heel-fastener
gum	_chewing-gum	heel	_heel-maker
gum	_gum-chewer	heel	_heel-trimmer
gum	_gum-chewing	hen	_hen-run
gum	_gum_maker	hoe	_thrust-hoe
gum	_gum_making	hole	_peep-hole
gun	_blowgun	hole	_spy-hole
gun	_gunmaker	holiday	_holidaymaker
habit	_riding-habit	home	_home-coming
hair	_hair-cutting	home	_home-seeker
hair	_hair-restorer	home	_home-seeking
hair	_hair-splitter	home	_homework
hair	_hair-splitting	home	_home_comer
hair	_hair-thickener	honey	_honey-eater
hair	_haircut	honey	_honey-guide
hair	_hairdresser	honey	_honeysucker
hair	_hairdressing	hood	_riding-hood
hair	_hairgrip	hook	_fish-hook
hair	_hair_drier	hook	_hook-climber
hall	_booking-hall	hook	_hook_maker
hall	_dance-hall	hop	_hop-picker
hall	_dining-hall	hop	_hop-picker
hammer	_drop-hammer	horn	_stinkhorn
hand	_hand-shaker	horse	_horse-tamer
hand	_hand-work	horse	_horse-taming
hand	_hand-worker	horse	_horse_keeper
hand	_hand-working	horse	_horse_keeping
hand	_handshake	horse	_riding-horse
hand	_handstand	horse	_rocking_horse
hand	_handwriting	horse	_workhorse
hand	_hand_clap	hospital	_teaching_hospital
hand	_hand_clasp	hour	_rush_hour
harness	_harness-maker	house	_bake-house
harness	_harness-making	house	_cookhouse
hat	_hat_maker	house	_dwelling-house

house	_eating-house	key	_key-finder
house	_gambling_house	key	_turnkey
house	_house-builder	king	_king-killer
house	_house-building	knife	_carving_knife
house	_house-cleaner	knife	_draw-knife
house	_house-cleaning	knife	_drawing-knife
house	_house-owner	knife	_knife-grinder
house	_house-owning	knife	_knife-grinder
house	_house-warming	knife	_scalping-knife
house	_housebreaker	knot	_slip-knot
house	_housebreaking	lace	_lace_maker
house	_householder	lace	_lace_making
house	_housekeeper	ladder	_scaling-ladder
house	_housekeeping	lady	_cleaning_lady
house	_housework	lady	_lady-killer
house	_printing-house	lady	_lady-killing
house	_smoke-house	lady	_walking-lady
house	_wash-house	lamp	_lamp_lighter
house	_washing-house	lamp	_reading-lamp
ice	_driftice	land	_land-grabber
ice	_ice-breaker	land	_land-grabbing
ice	_ice-dance	land	_land-holder
ice	_ice-dancer	land	_land-holding
ice	_ice-drift	land	_land-owner
ice	_ice-fall	land	_land-owning
ice	_icequake	land	_landslide
ice	_iceskater	lantern	_lantern-bearer
ice	_ice-skating	lantern	_lantern-carrier
ice	_ice_fall	law	_law-breaker
ill	_ill-doing	law	_law-giver
image	_image-breaker	lawn	_lawn-edger
image	_image-breaking	lawn	_lawn-mower
image	_image-maker	lawn	_lawn-sprinkler
image	_image-worshipper	lead	_lead-poisoning
image	_image-worshipping	leaf	_leaf-cutter
ink	_ink-eraser	leaf	_leaf-hopper
ink	_ink-writer	leaf	_leaf-roller
ink	_inkshed	leg	_leg-pull
ink	_ink_stand	leg	_leg-pulling
ink	_printing-ink	lemon	_lemon-squeezer
ink	_writing-ink	letter	_letter-carrier
inn	_innkeeper	letter	_letter-cutter
inn	_inn_holder	letter	_letter-writer
inn	_inn_holding	licence	_driving-licence
insect	_insect-feeder	light	_reading-light
insect	_insect_killer	light	_searchlight
iron	_curling_iron	lime	_lime-burner
iron	_iron-founder	line	_fishing-line
iron	_shooting-iron	list	_wait-list
jacket	_shooting-jacket	list	_waiting-list
jail	_jailbreak	lorry	_lorry_driver
jaw	_break-jaw	lotus	_lotus-eater
jaw	_stickjaw	mable	_mable-cutter
jockey	_jump_jockey		
joy	_joy-killer		
joy	_kill-joy		
kettle	_kettle_clean		

machine	_bathing-machine	money	_hush-money
machine	_brushing-machine	money	_money-grubber
machine	_composing-machine	money	_money-lender
machine	_drawing-machine	money	_money-maker
machine	_drilling-machine	money	_money-maker
machine	_folding-machine	money	_money-making
machine	_machine-minder	money	_money-spinner
machine	_mixing-machine	money	_money-taker
machine	_printing-machine	money	_moneychanger
machine	_rolling-machine	money	_spending-money
machine	_sewing-machine	moon	_moonrise
machine	_stamping-machine	moon	_moonshine
machine	_thrashing-machine	moon	_moon_walk
machine	_washing-machine	moth	_moth_killer
machine	_weighing-machine	mouth	_mouthwash
machine	_wringing-machine	music	_music-holder
maid	_sewing-maid	music	_music-lover
maid	_wash-maid	music	_music-seller
man	_drinking-man	music	_music-teacher
man	_gambling-man	neck	_breakneck
man	_hangman	needle	_knitting-needle
man	_man-eater	net	_dip-net
man	_manslayer	net	_drag-net
man	_wash-man	net	_draw-net
man	_watchman	net	_drift-net
man	_working-man	net	_fishing-net
man	_workman	net	_net_maker
map	_map-reader	net	_net_making
master	_riding-master	net	_sweep-net
master	_writing-master	news	_news-writer
match	_match-maker	night	_night-singer
match	_match-making	night	_night-walk
mate	_playmate	night	_night-walker
mate	_work-mate	night	_night-walking
melon	_melon-grower	night	_night-wanderer
melon	_melon-growing	night	_night-wandering
mercy	_mercy_killing	night	_night-warbling
metal	_metal_detector	night	_night-watch
metal	_metal_locator	night	_night-watch
milk	_skim-milk	night	_night-watcher
mind	_mind-bending	night	_night-watching
mind	_mind-curer	night	_night-work
mind	_mind-healer	night	_night-worker
mind	_mind-healing	night	_nightfall
mind	_mind_reading	night	_pay-night
mind	_mind_reader	nose	_nosebleed
mind	_mind_reading	novel	_novel-writer
mine	_mine-owner	nut	_nut-cracker
mine	_minelayer	nut	_nutcracker
mine	_minesweeper	nut	_nutpecker
mine	_mine_detector	nut	_nut_breaker
mineral	_float-mineral	office	_booking-office
mischief	_mischief-maker	office	_pay-office
mney	_money-lending	office	_printing-office
model	_model_maker	oil	_cooking-oil
model	_model_making	onion	_onion_holder
moisture	_moisture-holder	ore	_float-ore

owl	_screech-owl	penny	_turn-penny
ox	_ox-biter	people	_work-people
oyster	_oyster-catcher	phone	_answerphone
pad	_scribbling-pad	phone	_phone_call
pain	_pain-killer	phrase	_catch-phrase
pan	_frying-pan	piano	_piano-player
pan	_warming-pan	piano	_piano-playing
paper	_blotting-paper	picture	_picture-goer
paper	_drawing-paper	picture	_picture-writing
paper	_paper-cutter	picture	_picture_framing
paper	_paper-fastener	picture	_picture_maker
paper	_paper-feeder	picture	_picture_making
paper	_paper-folder	pig	_sucking-pig
paper	_paper-hanger	pill	_sleeping-pill
paper	_paper-mabler	pillow	_pillow-fight
paper	_paper-maker	pin	_drawing-pin
paper	_paper-making	pin	_rolling-pin
paper	_paper-stainer	pipe	_blowpipe
paper	_paper-washing	pit	_catch-pit
paper	_printing-paper	place	_dwelling-place
paper	_tracing-paper	place	_eating-place
paper	_wrapping-paper	place	_hiding-place
paper	_writing-paper	place	_landing-place
parchment	_parchment-maker	place	_place-hunter
park	_park_keeper	place	_resting-place
part	_walking-part	place	_show-place
partner	_dancing-partner	place	_standing-place
partner	_sleeping-partner	place	_sticking-place
party	_hunting-party	place	_watering-place
party	_search-party	plane	_spy_plane
paste	_paste-cutter	plant	_climbing_plant
paste	_polishing-paste	plant	_plant-cutter
pate	_rattle-pate	plaster	_sticking-plaster
path	_path-finder	plate	_plate-holder
pattern	_pattern-designer	pleasure	_pleasure-lover
pattern	_pattern-drawer	pocket	_pleasure-seeker
pattern	_pattern-maker	point	_pickpocket
peace	_make-peace	point	_check-point
peace	_peace-breaker	point	_starting-point
peace	_peace-keeper	pond	_sticking-point
peace	_peace-lover	pool	_swimming-pond
peace	_peace-loving	pool	_swimming-pool
peace	_peace-offering	pool	_wash-pool
peace	_peace-seeker	pool	_watering-pool
peace	_peacemaker	port	_port-stopper
peace	_peace_making	position	_position-finder
pear	_choke-pear	post	_starting-post
pearl	_pearl-diver	posture	_posture-maker
pen	_drawing-pen	pot	_wash-pot
pen	_pen-holder	pot	_watering-pot
pen	_penwiper	potato	_potato_picker
pencil	_drawing-pencil	pottery	_pottery-maker
pencil	_pencil-sharpener	powder	_baking-powder
pencil	_pencil_eraser	powder	_polishing-powder
penny	_catchpenny	powder	_washing-powder
penny	_penny_pincher	prison	_prison-breaker
penny	_pinchpenny		

prison	_prison-breaking	rope	_rope-dancing
prize	_prize-fight	rope	_rope-maker
prize	_prize-fighter	rope	_rope-making
prize	_prize-fighter	rope	_rope-walker
prize	_prize-fighting	rope	_skipping-rope
prize	_prize-winner	rose	_rose-sprinkler
profit	_profit_seeker	rush	_rush-bearing
prose	_prose-writer	rush	_rush-holder
purse	_cutpurse	safe	_safe-keeping
purse	_purse-snatcher	safe	_safebreaker
quartz	_float-quartz	salad	_salad_spinner
rain	_rain-maker	salt	_salt-lick
rain	_rain-wash	salt	_saltshaker
rain	_rainfall	salt	_smelling_salt
rain	_rain_burst	sand	_sand-hopper
rat	_rat-catcher	sandwich	_sandwich_maker
rat	_rat-catching	satelite	_spy_satelite
rat	_rat-hunting	scene	_scene-painter
rice	_rice-grower	scene	_scene-painting
rice	_rice-growing	scene	_scene-shifter
river	_river-drift	school	_play-school
road	_road-maker	school	_riding-school
road	_road-making	school	_school_keeper
road	_road-mender	scissors	_scissor-grinder
road	_road-mending	screen	_touch-screen
road	_road-runner	screw	_screwdriver
road	_road-scraper	script	_script-writer
robe	_riding-robe	scythe	_scythe-maker
rock	_rock-breaker	sea	_sea-bather
rock	_rock-climbing	sea	_sea-bathing
rock	_rock-drill	sea	_sea-fight
rock	_rock-fall	sea	_sea-fisher
rock	_rock-hopper	sea	_sea-fishing
rod	_fishing-rod	sea	_sea-poacher
role	_role-playing	sea	_sea-quake
roll	_roll-call	sea	_sea-robber
room	_change-room	sea	_sea-rover
room	_changing-room	sea	_sea-roving
room	_dining_room	seal	_seal-fisher
room	_drawing-room	seal	_seal-fishing
room	_living_room	seat	_drop_seat
room	_pay-room	seed	_drop-seed
room	_playroom	seed	_seed-eater
room	_reading-room	seed	_seed-feeder
room	_rest-room	shadow	_shadow-fight
room	_resting-room	shadow	_shadow-fight
room	_showroom	shark	_swell-shark
room	_sitting-room	sheep	_sheep-biter
room	_smoke-room	sheep	_sheep-keeper
room	_smoking_room	sheep	_sheep-run
room	_standing-room	sheep	_sheep-stealer
room	_waiting-room	sheep	_sheep-stealing
room	_wash-room	sheep	_sheep-wash
room	_workroom	sheep	_sheepwalk
room	_writing_room	shelf	_shelf_filler
root	_root-climber	shell	_shell-breaker
rope	_rope-dancer		

shell	_shell_cracker	snow	_snow_slide
ship	_ship-breaker	snow	_snow_slip
ship	_ship-holder	soap	_shaving-soap
ship	_ship-owner	soap	_soap-boiler
ship	_shipbuilder	soap	_soap-boiling
ship	_shipbuilding	soap	_soap-maker
shoe	_dancing_shoe	soda	_baking-soda
shoe	_jogging_shoe	soda	_washing-soda
shoe	_running_shoe	soul	_soul-searching
shoe	_shoe-polish	sound	_sound_mixer
shoe	_shoebblack	space	_space-heater
shoe	_shoemaker	space	_space-heating
shoe	_shoemaking	space	_space-travelling
shoe	_shoeshine	space	_space-treveller
shoe	_shoeshine	space	_space_walk
shoe	_slip-shoe	space	_space_walker
shoe	_walking-shoe	spider	_hunting-spider
shop	_shop-breaker	spider	_spider-catcher
shop	_shop-lifter	spine	_spine-chiller
shop	_shop-lifting	sponge	_sponge-fisher
shop	_shop-walker	sponge	_sponge-fishing
shop	_shopbreaking	sport	_spoil-sport
shop	_shopkeeper	spring	_spring-cleaning
shop	_shopkeeping	staff	_walking-staff
shop	_workshop	stage	_stage-driver
shore	_shore-going	stage	_stage-player
shore	_shore-shooter	stamp	_stamp-collecting
shore	_shore-shooting	stamp	_stamp-collector
shoulder	_shoulder_stand	star	_blazing-star
silk	_silk-winder	star	_falling_star
silk	_silk-winder	star	_shooting-star
ski	_ski-jumping	star	_star-drift
ski	_ski-runner	star	_star-gazer
ski	_ski-running	star	_star-gazing
ski	_ski_jump	star	_starshine
ski	_ski_jump	stay	_stay-maker
skin	_turnskin	steak	_frying-steak
skirt	_riding-skirt	steak	_grilling-steak
skirt	_skirt_dancing	steak	_stewing-steak
sky	_sky_diver	stick	_dip-stick
sky	_sky_diving	stick	_throw-stick
sky	_sky_jumping	stick	_throwing-stick
sky	_sky_scraper	stick	_walking-stick
sky	_sky_writing	stock	_laughing-stock
sky	_sky_shine	stone	_bake-stone
slate	_polishing-slate	stone	_curling-stone
slave	_slave-holder	stone	_float-stone
slave	_slave-holding	stone	_grindstone
slave	_slave-hunt	stone	_paving_stone
slave	_slave-owner	stone	_rubbing-stone
slave	_slave-owning	stone	_rubstone
slop	_slop-seller	stone	_sink-stone
smoke	_giggle-smoke	stone	_stinkstone
snake	_rattlesnake	stone	_stone-breaker
snake	_snake-charmer	stone	_stone-breaking
snow	_snow-drift	stone	_stone-crusher
snow	_snow-fall		

stone	_stone-cutter	table	_writing-table
stone	_stone-dresser	tablet	_sleeping_tablet
stone	_stone-eater	tale	_tale-teller
stone	_stumbling-stone	tale	_talebearer
stone	_whetstone	tale	_talebearing
stone	_wishing-stone	tank	_filtering-tank
story	_sob-story	tape	_tape_recorder
story	_story-teller	tax	_tax-collector
story	_story-telling	taxi	_taxi_driver
straw	_drinking_straw	tea	_tea-drinker
street	_street-cleaner	tea	_tea-taster
street	_street-cleaning	tea	_tea-tasting
street	_street-keeper	tear	_tearjerker
street	_street-sweeper	text	_spin-text
street	_street-walker	theatre	_theatre-goer
street	_street-walking	thief	_sneak-thief
street	_street_beggar	thief	_thief-catcher
string	_drawstring	thief	_thief-taker
studio	_recording-studio	thing	_plaything
stuff	_sob-stuff	throat	_cut-throat
style	_style-setter	thumb	_suck-thumb
style	_style-setting	thunder	_thunder_burst
sugar	_icing-sugar	ticket	_ticket-collector
sugar	_sugar-baker	ticket	_ticket-punch
sugar	_sugar-refiner	time	_check-time
sugar	_sugar-refinery	time	_feeding-time
sugar	_sugar-refining	time	_kill-time
suit	_bathing-suit	time	_playtime
suit	_riding-suit	time	_time-keeper
suit	_sleeping-suit	time	_time-killer
suit	_swimsuit	time	_time-killing
sun	_sun-setting	time	_time-switch
sun	_sun-worship	tin	_tin-opener
sun	_sun-worshipper	title	_titleholder
sun	_sunburn	toad	_toad-eater
sun	_sunrise	toad	_toad-snatcher
sun	_sunrising	toad	_walking-toad
sun	_sunset	tobacco	_chewing-tobacco
sun	_sunshine	tobacco	_tobacco-stopper
surf	_surf-bather	toe	_toe-dancer
surf	_surf-bathing	tongue	_tongue-twister
surf	_surf-riding	tool	_tool_maker
swine	_swine-keeping	tooth	_picktooth
sword	_sword-bearer	tooth	_tooth-picker
sword	_sword-breaker	tooth	_toothache
sword	_sword-dance	tooth	_toothpick
sword	_sword-swallower	tooth	_toothwash
sword	_swordplay	torch	_torch-bearer
sword	_swordplayer	torch	_torch-dance
table	_dining_table	tower	_spy-tower
table	_drawing-table	tower	_watch-tower
table	_table-cover	town	_town-dweller
table	_table-spread	town	_town-living
table	_table-talk	town	_town-planning
table	_table-thumper	treasure	_treasure-hunt
table	_turn-table	treasure	_treasure-hunter
table	_work-table		

tree	_swingtree	water	_waterfall
tree	_tree-creeper	wax	_sealing-wax
tree	_tree-hopper	wax	_wax-maker
tree	_weeping-tree	wax	_wax-painting
tree	_wishing-tree	way	_runway
trend	_trend-setter	way	_way-maker
trend	_trend-setting	weed	_bindweed
troop	_troop_carrier	weed	_catchweed
trouble	_trouble-maker	weed	_choke-weed
trouble	_trouble-shooting	weed	_driftweed
trouble	_troubleshooter	weed	_sneeze-weed
trouser	_trouser-stretcher	weed	_stinkweed
trumpet	_speaking-trumpet	weed	_weed-killer
trumpet	_trumpet-call	week	_pay-week
trunk	_trunk-maker	weight	_weight-lifter
tub	_wash-tub	weight	_weight_lifting
tube	_feeding-tube	weight	_weight_watcher
tube	_speaking-tube	well	_dipping-well
tube	_tube-spinner	well	_draw-well
tube	_tube-weaver	well	_wishing-well
tuft	_tuft-hunter	wheat	_wheat-grower
tuft	_tuft-hunting	wheat	_wheat-growing
type	_type-cutter	wheel	_driving-wheel
type	_type-setter	wheel	_grinding-wheel
type	_type-setting	wheel	_spinning-wheel
type	_type-writer	wheel	_steering-wheel
type	_type-writing	wheel	_wheel-cutter
vacuum	_vacuum-cleaner	whip	_riding-whip
verse	_verse-making	willow	_weeping-willow
verse	_verse_maker	wind	_break-wind
vine	_vine-dresser	wind	_wind-break
vine	_vine-fretter	wind	_wind-surfer
violin	_violin-maker	wind	_windburn
violin	_violin-player	window	_windfall
wage	_wage-earner	window	_spy-window
wage	_wage-earning	window	_window-cleaner
wage	_wage-freeze	window	_window-dresser
wall	_wall-painting	window	_window-dressing
watch	_stop-watch	window	_window-washer
watch	_watchmaker	window	_window-washing
watch	_watchmaking	wine	_wine-cooler
water	_breakwater	wine	_wine-drinker
water	_cutwater	wine	_wine-grower
water	_drinking-water	wine	_wine-growing
water	_fetch-water	wine	_wine-taster
water	_water-breather	wine	_wine_tasting
water	_water-breathing	wire	_wire-dancer
water	_water-carrier	wire	_wire-dancing
water	_water-carrier	wire	_wire-drawer
water	_water-cooler	wire	_wire-puller
water	_water-cooling	wire	_wire-walker
water	_water-drinker	witch	_witch-finder
water	_water-finder	witch	_witch-hunt
water	_water-flow	woman	_cleaning_woman
water	_waterquake	woman	_wash-woman
water	_waterskiing	woman	_work-woman
water	_water-softener	woman	_working-woman

## 234 Imeničke komponente (engleski i srpskohrvatski uzorak)

wood	_driftwood	wool	_wool-washer
wood	_sneeze-wood	word	_catchword
wood	_stink-wood	word	_password
wood	_wood-carver	word	_swear-word
wood	_wood-carving	word	_word-building
wood	_wood-cutter	word	_word-painter
wood	_wood-cutting	word	_word-painting
wood	_woodcut	word	_word-splitting
wood	_woodpecker	worm	_cutworm
wool	_wool-cleaner	worm	_glow-worm
wool	_wool-combing	worm	_worm-eater
wool	_wool-dresser	wrong	_wrong-doer
wool	_wool-gathering	wrong	_wrong-doing
wool	_wool-packer	year	_wander-year
wool	_wool-picker	zone	_drop-zone
wool	_wool-sorter	zoo	_zoo-keeper

### 5.2.2 Pregled imenica u srpskohrvatskom jeziku

Objašnjenje kao u 5.2.1. Rezultati su prikazani u Tabeli 5.2.

## 5.3 Imenice s obzirom na mesto eksponenta u prvom ili drugom delu složenice

### 5.3.1 Imenice čiji je eksponent u prvom delu složenice

#### 5.3.1.1 Imenice čiji je eksponent u prvom delu složenice - engleski jezik

Eksponent imenice je u prvom delu složenice 1014 puta, što iznosi 66.45% i što je 1.98 puta više u odnosu na broj javljanja u drugom delu engleskih složenica i što je za 21.16% manje od odgovarajućeg broja u srpskohrvatskom jeziku (vidi Tabelu 5.5).

#### 5.3.1.2 Imenice čiji je eksponent u prvom delu složenice - srpskohrvatski jezik

Eksponent imenice je u prvom delu složenice 877 puta, što iznosi 87.61% i što je 7.07 puta više u odnosu na broj javljanja u drugom delu srpskohrvatskih složenica i što je za 21.16% više od odgovarajućeg broja u engleskom jeziku (vidi Tabelu 5.5).

### 5.3.2 Imenice čiji je eksponent u drugom delu složenice

#### 5.3.2.1 Imenice čiji je eksponent u drugom delu složenice - engleski jezik

Eksponent imenice je u drugom delu složenice 512 puta, što iznosi 33.55% i što je 1.98 puta manje u odnosu na broj javljanja u prvom delu engleskih složenica i što je za 21.16% više od odgovarajućeg broja u srpskohrvatskom jeziku (vidi Tabelu 5.5).

**Tabela 5.2 Pregled srpskohrvatskih imenica sa kojima su imeničke komponente u složenici u generativnoj vezi**

baba	_jedibaba	bog	_bogomolja
baba	_kudibaba	bog	_bogomoljac
baba	_smrdibaba	bog	_bogomoljishte
baba	_tuzzibaba	bog	_bogomoljka
baba	_visibaba	bog	_bogomoljka
bachva	_bachvomer	bog	_bogomolnjik
badnjak	_badnjonosac	bog	_bogomrzac
bakar	_bakarorez	bog	_bogomrznik
bakar	_bakarorez	bog	_bogopsovac
bakar	_bakarorezac	bog	_bogopsovka
bakar	_bakropis	boj	_bogozzalac
bakar	_bakropisac	bok	_keshboj
bakar	_bakrorez	brada	_bokobran
bakar	_bakrorezac	brada	_gulibrada
bakar	_bakrorezaonica	brak	_gulibradina
bakar	_bakrorezar	brak	_brakolomac
bakar	_bakroreza	brak	_brakolomka
bakar	_bakroreznica	brak	_brakolomnica
bakcil	_bakcilonosha	brak	_brakolomnik
baklja	_bakljonosha	brat	_bratoljublje
basna	_basnoljubac	brat	_bratoljupstvo
basna	_basnopisac	brat	_bratomrzac
basna	_basnotvorac	brat	_bratoprgnanik
bedro	_bedrobolja	brat	_bratoubica
benzin	_benzinomer	brat	_bratoubistvo
bich	_bichenosac	breme	_bremenosha
bich	_bichobija	briga	_razzbiriga
biljka	_biljober	brk	_brkomaz
biljka	_biljobera	brk	_brkovez
biljka	_biljobran	brk	_gladibrk
biljka	_biljojed	brk	_mastibrk
biljka	_biljojedac	brod	_brodobran
biljka	_biljozder	brod	_brodogradilac
biljka	_biljozderac	brod	_brodogradilishte
blago	_blagonosac	brod	_brodograditelj
blato	_blatobran	brod	_brodogradjenje
bog	_bogobojac	brod	_brodogradnja
bog	_bogogrđnik	brod	_brodokovac
bog	_bogohula	brod	_brodokovach
bog	_bogohulac	brod	_brodolom
bog	_bogohulitelj	brod	_brodoplovje
bog	_bogohulnica	brod	_brodotesach
bog	_bogohulnik	brod	_brodovodja
bog	_bogohulstvo	brod	_brodozavarivach
bog	_bogohval	buba	_buboqed
bog	_bogohvalka	buba	_buboqedac
bog	_bogohvalstvo	buba	_bubolovac
bog	_bogoljub	buba	_bubomor
bog	_bogoljubac	buba	_bubozzder
bog	_bogoljublje	buba	_skochibuba
bog	_bogoljupstvo	buba	_smrdibuba
bog	_bogomolja	buba	_smrdibuba
bog	_bogomolja	buba	_strizibuba

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buba	_strizzibuba	dlaka	_cepidlaka
budza	_budzenosac	dlaka	_dlakojed
budza	_budzonosac	dobro	_dobrochinac
buva	_buvojedina	dobro	_dobrochinilac
buva	_buvolovac	dobro	_dobrochinitelj
buva	_buvomor	dobro	_dobrochiniteljka
buva	_buvoskulpljach	dobro	_dobrochinka
centar	_kopir-centar	dobro	_dobrochinstvo
cev	_cevovod	dobro	_dobrochniteljica
chabar	_chabronosha	dobro	_dobroljubac
chanak	_chankoliz	dobro	_dobroljublje
chanak	_chankoliza	dobro	_dobrotvor
chanak	_chankolizac	dobro	_dobrotvorac
chasha	_ispichasha	dobro	_dobrotvorka
chedo	_chedomor	dobro	_dobrotvorstvo
chedo	_chedomorac	dom	_domobran
chedo	_chedomorka	dom	_domobran
chedo	_chedoubica	dom	_domoljub
chelo	_chelopek	dom	_domoljubac
chelo	_chelovodja	dom	_domoljupka
cheta	_chetovodja	drug	_pevidrug
chlanak	_chlankopisac	drug	_plachidrug
chorba	_chorbolok	druga	_plachidruga
chovek	_chovekoljub	drvce	_palidrvce
chovek	_chovekoljubac	drvo	_drvobushac
chovek	_chovekomorstvo	drvo	_drvcep
chovek	_chovekomrzac	drvo	_drvcep
chudo	_chudotvor	drvo	_drvcep
chudo	_chudotvorac	drvo	_drvodelac
chudo	_chudotvorka	drvo	_drvodelj
chudo	_chudotvornik	drvo	_drvodeljac
chudo	_chudotvorstvo	drvo	_drvodelje
chutura	_chuturoispilac	drvo	_drvodeljnica
chutura	_ispichutura	drvo	_drvodeljstvo
crv	_crvotoch	drvo	_drvogriz
crv	_crvotchina	drvo	_drvujed
crv	_crvotok	drvo	_drvujedac
daljina	_daljinomer	drvo	_drvujetka
daljina	_daljnomer	drvo	_drvukradac
daljina	_dajomer	drvo	_drvomer
dan	_dangub	drvo	_drvomerstvo
dan	_danguba	drvo	_drvomor
dan	_danguba	drvo	_drvomora
dan	_dangubac	drvo	_drvoprodavac
dan	_dangubash	drvo	_drvarez
dan	_dangubdzija	drvo	_drvarezac
dan	_dangubnica	drvo	_drvarezach
dan	_dangubnik	drvo	_drvarezanje
dan	_dangubnjak	drvo	_drvarezar
dan	_gubidan	drvo	_drvarezba
dan	_spomen-dan	drvo	_drvoreznica
dete	_detebubica	drvo	_drvosecha
dete	_detebubistvo	drvo	_drvosechac
devojka	_skochidevojka	drvo	_drvosechaj
dim	_dimopija	drvo	_drvosechajac
djavo	_djavolomoljac	drvo	_drvosechajac

drvo	_drvosechac	gost	_gostoprivrstvo
drvo	_drvosek	grad	_gradonosac
drvo	_drvosek	grb	_grbonosha
drvo	_drvostugar	grudi	_busogrudadzija
drvo	_drvotoch	grudi	_grudobolja
drvo	_drvotocha	grudi	_grudobran
drvo	_drvotochac	gusha	_derigusha
drvo	_drvozzder	gusha	_gushobolja
drvo	_drvozzderac	guska	_guskokradica
drvo	_kljuidrvo	gustina	_gustinomer
dubina	_dubinomer	guz	_guzobris
duh	_duhoborac	guz	_lizguz
duh	_duhoborstvo	guz	_luftiguz
duh	_duhovidac	guz	_razbiguz
dusha	_dushegub	guz	_trniguz
dusha	_dushegubac	guz	_vrtiguz
dusha	_dushegubnica	guz	_vrtiguza
dusha	_dushegubnik	hlad	_hladolezz
dusha	_dushevadnica	hlad	_hladolezz
dusha	_dushevadnik	hleb	_hlebojedja
dusha	_dushobolja	hleb	_hlebonosha
dusha	_dushogubac	hleb	_hlebozzder
dusha	_dushovadnica	hleb	_hlebozzderka
dusha	_dushovadnik	hor	_horovodja
dusha	_grizodushe	hrt	_hrtovodja
dusha	_gubidusha	igla	_iglodrkalo
dusha	_gubodusha	ikona	_ikonoborac
dusha	_gubodushnica	ikona	_ikonoborstvo
dusha	_gubodushnica	ikona	_ikonopis
dusha	_gubodusnik	ikona	_ikonopisac
firma	_firmopisac	ikona	_ikonopisanje
gas	_gasovod	ikona	_ikonopoklonik
glad	_gladomornica	ikona	_ikonopoklonstvo
glas	_glasonosha	ikona	_ikonorez
glava	_glavobolja	ikona	_ikonorushilac
glava	_glavonosha	ikona	_ikonosha
glava	_glavosecha	insekt	_insektojed
glava	_glavosecha	insekt	_insektozzder
glava	_glavosechac	istina	_istinoljubac
glava	_glavosechenje	istina	_istinoljublje
glava	_glavosechje	jad	_jadomor
glava	_glavosiek	jagoda	_jagodozzder
glava	_klimoglav	jaje	_jajopija
glava	_klimoglavac	jaje	_jajovod
glava	_vrtoglavica	jama	_jamomerac
glina	_mlinokop	jama	_jamomernik
glista	_glistomor	jetra	_jetrobolja
goch	_gochobija	jezik	_jezikotvorac
gora	_gorosecha	kamata	_kamatoprimalac
gora	_gorosecha	kamen	_kamenobran
gora	_gorosechac	kamen	_kamenodeljac
gora	_probigora	kamen	_kamenolom
gora	_razvigor	kamen	_kamenolom
gora	_razvigorac	kamen	_kamenolom
gost	_gostoljubac	kamen	_kamenolomac
gost	_gostoljublje	kamen	_kamenomet
gost	_gostoprimeac	kamen	_kamenopisac

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kamen	_kamenorestvo	knjiga	_knjigoveznica
kamen	_kamenorezac	knjiga	_knjigovodja
kamen	_kamenorezach	knjiga	_knjigovodenje
kamen	_kamenoreznica	knjiga	_knjigovodstvo
kamen	_kamenotesar	knjiga	_knjigovotkinja
kamen	_tarikamen	knjiga	_spomen-knjiga
kapa	_ccushkapa	kola	_kolomaz
kapa	_krivikapa	kola	_kolovoz
kapa	_shorkapa	koło	_kolovodja
kapa	_svrzikapa	koło	_kolovodjica
kapa	_vrtikapa	konj	_konjevodac
karta	_kartodrpac	konj	_konjoder
karta	_kartogrizac	konj	_konjoder
kasha	_mutikasha	konj	_konjodrzac
kashika	_kashikovodja	konj	_konjokradac
kavga	_zametikavga	konj	_konjokradica
kavga	_zametkavga	konj	_konjokradja
kavga	_zametnikavga	konj	_konjoljub
kesa	_kesokradica	konj	_konjoljubac
kesa	_kradikesa	konj	_konjomora
kesa	_secikesa	konj	_konjopoj
kesa	_vezrikesa	konj	_konjotrzzac
kiselina	_kiselinomer	konj	_konjovez
kisha	_kishobran	konj	_konjovodac
kisha	_kishomer	konj	_konjovodica
kit	_kitolov	konj	_konjovodja
kit	_kitolovac	konj	_konjovodstvo
kit	_kitolovac	konj	_kradikonjica
kit	_kitolovishte	konj	_kopljonosha
kit	_kitolovka	koplje	_glodjkorica
kit	_kitolovstvo	korica	_koristoljubac
klas	_klasober	korist	_koristoljublje
klas	_klasoberka	korist	_gladikosa
klasa	_klaselovac	kosa	_kosopadica
klasa	_klasolovac	kosa	_kostober
klica	_klicomor	kost	_kostobera
klica	_kliconosha	kost	_kostoberina
klica	_kliconoshtvo	kost	_kostobolja
klica	_klicozzder	kost	_kostolamac
kljuch	_kljuchonosha	kost	_kostozzder
klupa	_deriklupa	kosturnic	_spomen-kosturnica
klupa	_klupoder	kotao	_kotlogradnja
klupa	_klupodera	kotao	_kotlokarp
kmet	_kmetoder	kotao	_kotlokarpa
kmet	_kmetoderstvo	kotao	_kotlokrapar
knjiga	_knjigokradica	koza	_kozokradica
knjiga	_knjigoljub	koza	_kozomor
knjiga	_knjigoljubac	koza	_kozomorac
knjiga	_knjigomrzac	koza	_kradikoza
knjiga	_knjigonosac	kozza	_derikozza
knjiga	_knjigonosha	kozza	_gulikoshtvo
knjiga	_knjigotoch	kozza	_gulikozza
knjiga	_knjigovestvo	kozza	_gulikozza
knjiga	_knjigovez	kozza	_kozzoder
knjiga	_knjigovezac	kozza	_kozzoder
knjiga	_knjigovezach	kozza	_kozzoder
knjiga	_knjigovezica	kozza	

kozza	_kozzodera	kukac	_kukcozzderac
kozza	_kozzoderac	kukac	_kukcozzderka
kozza	_kozzoderac	kut	_kutolezz
kozza	_kozzodernica	kut	_kutolezza
kralj	_kraljeubica	led	_ledobran
kralj	_kraljeubistvo	led	_ledolom
kralj	_kraljoubica	led	_ledolomac
kralj	_kraljoubistvo	led	_ledolomac
kran	_kranovodja	led	_ledorez
krava	_kravogojsvo	ledja	_ledjobran
krava	_muzikrava	leto	_letosech
krivina	_krivinomer	leto	_letosech
krst	_krstolom	list	_listopad
krst	_krstolom	ljudi	_ljudomora
krst	_krstomrzac	ljudi	_ljudomorac
krst	_krstonosac	ljudi	_ljudomorstvo
krst	_krstonosha	ljudi	_ljudozzder
krst	_krstonoshac	ljudi	_ljudozzderstvo
krst	_krstopoklonik	lonac	_lizzilonac
krtica	_krtorovina	lonac	_loncoliz
krtica	_krtorovinjak	lonac	_loncooper
kruna	_krunonosac	lonac	_loncopera
kruna	_krunonosha	luch	_luchonosha
krv	_krvolice	mach	_machenosac
krv	_krvoliptanje	mach	_machenosha
krv	_krvolok	mach	_machonosac
krv	_krvomut	mach	_machonosha
krv	_krvomutnica	machka	_machkoder
krv	_krvomutnik	machka	_machkojed
krv	_krvomutnja	mantija	_svrzimantija
krv	_krvopija	marva	_marvogojac
krv	_krvopijac	mashina	_marvogojsvo
krv	_krvpilac	mashina	_heft-mashina
krv	_krvpilica	mashina	_mashinogradnja
krv	_krvpilmica	mashina	_mashinovodja
krv	_krvoprolisce	matera	_materoubica
krv	_krvoprolitnica	matera	_materoubistvo
krv	_krvoprolitnik	mazga	_mazgovodac
krv	_krvotok	med	_medojed
krv	_krvozzder	med	_medonosnica
kucca	_chistikucca	med	_medopija
kucca	_kuccehranitelj	med	_medovoda
kucca	_kuccepazitelj	medved	_medvedolovac
kucca	_kuccepaziteljica	meso	_mesojed
kucca	_kuccepaziteljka	meso	_mesojedje
kucca	_palikucca	meso	_mesozzder
kucca	_pazikucca	meso	_mesozzderac
kucca	_raspikucca	meso	_mesozzderka
kucca	_raspikuccstvo	metal	_metalobrusach
kucca	_tecikucca	metal	_metalobushach
kucca	_zatrikucca	metal	_metaloglodach
kuchka	_kuchkoder	metal	_metalorendisach
kugla	_kuglomer	metal	_metalorezac
kuk	_kukobolja	metal	_metalosavijach
kukac	_kukcojed	mina	_minobacach
kukac	_kukcojedac	mina	_minochistach
kukac	_kukcozzder	mina	_minolovac

mina	_minolovka	para	_parovod
mina	_minonosac	pauza	_push-pauza
mina	_minopolagach	pechat	_pechatorezac
mir	_miroljubac	pechat	_pechatoreznica
mir	_miroljubitelj	pero	_naliv-pero
mir	_miroljubiteljka	pesma	_pesmotvorac
mir	_miroljublje	pesma	_pesmotvorstvo
mir	_mironosac	pismo	_pismonosha
mir	_mirotvorac	pivo	_pivonosha
mir	_mirotvorka	pivo	_pivopija
mir	_mirotvorstvo	plin	_plinomer
mir	_mutimir	plin	_plinovod
mir	_rushimir	plocha	_spomen-plocha
miro	_mironosica	plod	_plodonosha
miro	_mironosnica	plod	_plodozzderac
mish	_mishojedina	pogacha	_izjedipogacha
mish	_misholovac	polje	_poljodelac
mish	_misholovica	polje	_poljodelka
mish	_misholovka	polje	_poljodelstvo
mish	_misholovka	posao	_poslodavac
mish	_mishomor	posao	_posloprimac
mitra	_mitronosac	posao	_poslovodja
mitra	_mitronosha	posao	_poslovodjstvo
mleko	_mlekonosha	posao	_poslovotkinja
mleko	_mlekovod	poshta	_poshtonosha
mokracca	_mokraccovod	pravda	_pravdoljubac
more	_moreplovac	pravda	_pravdoljublje
more	_moreplovstvo	pravo	_pravobranilac
most	_mostobran	pravo	_pravobranitelj
mozak	_mogzobolja	prsa	_prsobolja
mrav	_mravojed	prst	_kazziprst
mrav	_mravojedac	ptica	_pticolovac
mrav	_mravolovac	pushka	_pushkomet
mrav	_mravozzder	put	_kazziput
mrav	_mravozzderac	put	_kazziput
mirvica	_kupimrvichar	put	_putokaz
munja	_munjovod	put	_putopis
muva	_muvolovka	rep	_vrtirep
muva	_muvomor	rep	_vrtirepka
muva	_muvomorka	riba	_ribokradica
muva	_muvozzder	riba	_ribolov
muzz	_muzzoumbica	riba	_ribolovac
nafta	_naftovod	riba	_ribolovishte
nebo	_neboder	riba	_ribolovka
nocc	_noccobdija	riba	_ribolovstvo
noga	_nogomet	riba	_ribozzder
nokat	_noktograd	rog	_rogonosha
nos	_dizzinos	ruchak	_ruchkonosha
oblak	_oblakoder	ruda	_rudokop
oko	_ochevidac	ruka	_rukobilja
otac	_oceubica	ruka	_rukobran
pacov	_pacolovka	ruka	_rukodelac
pantalone	_pantalodrzvac	ruka	_rukodelja
papir	_pak-papir	ruka	_rukodelstvo
para	_mamipara	ruka	_rukodrzach
para	_mamipara	ruka	_rukohvat
	_mlatipara	ruka	_rukomet

ruka	_rukopis	strvina	_strvodernica
ruka	_rukosad	strvina	_strvoderstvo
ruka	_rukotvor	strvina	_strvozzderac
ruka	_rukotvorac	sud	_sudoper
ruka	_rukotvorina	sud	_sudopera
ruka	_rukotvornik	sud	_sudopera
ruka	_rukotvorstvo	sud	_sudopera
ruka	_rukovidilac	sud	_sudopera
sahan	_lizzisahan	sud	_sudoperka
sahan	_lizzisahanka	sud	_sudopralja
savet	_savetodavac	sunce	_suncobran
seme	_semenovod	sunce	_suncogled
seme	_semevod	sunce	_suncokret
seno	_senokos	sunce	_suncomer
seno	_senokos	suza	_suzoprolicce
seno	_senokosha	suza	_suzotek
shaka	_shakopis	suza	_suzovod
shteta	_shtetochina	svecca	_svecconasha
shteta	_shtetochina	svet	_bezzisvet
shteta	_shtetochinac	svet	_mrzisvet
shteta	_shtetochinitelj	svet	_probisvet
,shteta	_shtetochinstvo	svila	_sviloprelja
shuma	_mlatishuma	svinja	_svinjogojac
shuma	_shumokradica	svinja	_svinjogojservo
sila	_silodrrzac	svinja	_svinjokolja
sila	_silomer	svinja	_svinjozder
skiptar	_skiptronosac	takt	_taktomer
skut	_skutonosha	tiran	_tiranomrzac
slama	_mlatislama	toplotra	_toplomer
slana	_slanopadja	toplotra	_toplonesha
slava	_slavoljubac	toplotra	_toplovod
lepac	_slepchovodja	trava	_travoberica
slezina	_slezinobolja	trava	_travojed
sloboda	_slobodojlubac	trbuh	_trbobilja
sloboda	_slobodojlublje	tun	_tunjolov
svobo	_svololivac	tun	_tunolov
svobo	_svololivnica	tun	_tunolovac
svobo	_svoloslagach	tun	_tunolovka
sneg	_snegobran	ugao	_uglomer
sneg	_snegolom	uglijen	_uglijenokop
spora	_sporonosha	ulje	_lozz-ulje
srce	_srcobilja	um	_umobilja
srce	_srcopija	um	_umotvor
srebro	_srebroljubac	um	_umotvorina
staklo	_stakloduvach	usta	_ustobilja
staklo	_staklorezac	uvo	_uvobilja
staklo	_stakloreznica	vatra	_pirivatra
starac	_visistarac	vatra	_vatrogasac
stih	_stihoklepac	vatra	_vatrogastvo
stih	_stihoklepanje	vatra	_vatromet
stih	_stihopisac	vatra	_vatrometach
stih	_stihotvorac	vatra	_vatrometnik
stih	_stihotvorka	vatra	_vatronosha
stih	_stihotvorstvo	vazduh	_vatrozzder
strah	_strahovlada	vazduh	_vazduhoplov
strvina	_strvoder	vazduh	_vazduhoplovstvo

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vazduh	_vazduhovplovac	voda	_vodoljub
venac	_vencenosac	voda	_vodoljubac
venac	_venconosac	voda	_vodolok
venac	_venconosha	voda	_vodolok
vetar	_gonivtar	voda	_vodomer
vetar	_kazzivetar	voda	_vodonosac
vetar	_letivtar	voda	_vodonosha
vetar	_vatrobran	voda	_vodoodvodnik
vetar	_vetrobitina	voda	_vodopad
vetar	_vetrobran	voda	_vodopija
vetar	_vetrogonica	voda	_vodopija
vetar	_vetrogonja	voda	_vodopijac
vetar	_vetrogonjstvo	voda	_vodopilac
vetar	_vetrogonstvo	voda	_vodoplav
vetar	_vetrokaz	voda	_vodoplav
vetar	_vetrolom	voda	_vodoplav
vetar	_vetrolom	voda	_vodoplavina
vetar	_vetromer	voda	_vodoplavina
vetar	_vetromet	voda	_vodoplavje
vetar	_vetromet	voda	_vodoplavlje
vetar	_vetrometina	voda	_vodopoj
vetar	_vetrometina	voda	_vodopoj
vetar	_vetropir	voda	_vodopoj
vetar	_vetropirk	voda	_vodopronalazzac
vetar	_vetrovod	voda	_vodoskok
vino	_vinokradica	voda	_vodotechje
vino	_vinolija	voda	_vodorek
vino	_vinoljubac	voda	_vodorot
vino	_vinomer	voda	_vodovod
vino	_vinonosha	voda	_smrdivrana
vino	_vinopija	vrana	_smrdovrana
vino	_vinosrk	vrana	_smrdovranka
vino	_vinotoch	vrana	_gulivrat
vino	_vinotocha	vrat	_vratobolja
vino	_vinotochje	vrat	_vratolom
vinograd	_vinober	vrat	_vratolom
vinograd	_vinobera	vrat	_vratolom
vinograd	_vinoberje	vrat	_vratolom
visina	_visinomer	vrat	_vratolomija
vlast	_vlastodavac	vrat	_vratolomstvo
vlast	_vlastodavka	vrba	_vrbopuc
vlast	_vlastodrzac	vrecca	_vreccenosha
vlast	_vlastoljubac	vreme	_gubivremenka
vlast	_vlastoljublje	vuna	_vunomer
vo	_vologonac	zajam	_zajmodavac
vo	_vologonja	zajam	_zajmodavstvo
vo	_vologonjac	zajam	_zajmoprimec
vo	_volovodac	zajam	_zajmoprimalac
vo	_volovodac	zajam	_zajmotrazzac
vo	_volovodica	zajam	_zajmotrazzilac
vo	_volovodja	zajam	_zajmotrazzitelj
voda	_gazivoda	zakon	_zakonodavac
voda	_mutivoda	zakon	_zakonodavalac
voda	_voderina	zakon	_zakonodavka
voda	_vodokaz	zakon	_zakonodavstvo
voda	_vodorechilishte	zakon	_zakonopisac
voda	_vodolija	zakon	_zakonosha

zakon	_zakonotvorac	zlo	_zloslutica
zakon	_zakonotvorstvo	zlo	_zloslutnica
zastava	_zastavonosha	zlo	_zloslutnik
z dela	_tarizdela	zlo	_zloslutnja
z dela	_zdeloliz	zlo	_zlotvor
z dela	_zdelonosha	zlo	_zlotvornica
zemlja	_zemljedrzac	zlo	_zlotvornik
zemlja	_zemljodelac	zlo	_zlovidjenje
zemlja	_zemljodelka	zlo	_zlozzelitej
zemlja	_zemljodelstvo	zmija	_zmijojed
zemlja	_zemljodrzac	zmija	_zmijojed
zemlja	_zemljojed	zmija	_zmijojedina
zemlja	_zemljopis	zmija	_zmijolovac
zemlja	_zemljoposednica	zmija	_zmijozzder
zemlja	_zemljoposednik	zmija	_zmijozzder
zemlja	_zemljoradnica	zrno	_zrnojed
zemlja	_zemljoradnik	zrno	_zrnojedac
zemlja	_zemljoradnja	zrno	_zrnozzder
zemlja	_zemljotres	zrno	_zrnozzderac
zemlja	_zemljovod	zrno	_zrnozzderica
zemlja	_zemljovodnik	zrno	_zrnozzderka
z glob	_zglobobolja	zub	_kesizub
zima	_zimomora	zub	_kezizub
zima	_zimomorje	zub	_zubobol
zima	_zimomornica	zub	_zubobolja
zima	_zimomornik	zub	_zubochnupach
zima	_zimosech	zver	_zverokradica
zima	_zimosechina	zver	_zverokradja
z lato	_zlatoljubac	zver	_zverokradstvo
z lato	_zlatoljublje	zver	_zveroukrotitelj
z lato	_zlatonosha	zzaba	_letizzaba
z lato	_zlatorez	zzaba	_zzaboder
z lato	_zlatotkach	zzaba	_zzabogut
z lato	_zlatotopka	zzaba	_zzabojed
z lato	_zlatovez	zzaba	_zzabojedac
z lato	_zlatovezilja	zzaba	_zzabozzder
z lo	_zlochin	zzena	_zzenoljub
z lo	_zlochinac	zzena	_zzenoljubac
z lo	_zlochinitelj	zzena	_zzenoljublje
z lo	_zlochinka	zzena	_zzenomorac
z lo	_zloslut	zzena	_zzenomorstvo
z lo	_zloslut	zzena	_zzenomrzac
z lo	_zloslut	zzila	_zzilogriz
z lo	_zlosluta	zzila	_zzilozzdera
z lo	_zlosluta	zzito	_zzitoradja
z lo	_zloslutica	zzuch	_zzuchovod
z lo	_zloslutica	zzuch	_zzuchovodnik

**5.3.2.2 Imenice čiji je eksponent u drugom delu složenice - srpskohrvatski jezik**

EkspONENT imenice je u drugom delu složenice 124 puta, što iznosi 12.39% i što je 7.07 puta manje u odnosu na broj javljanja u prvom delu srpskohrvatskih složenica i što je za 21.16% manje od odgovarajućeg broja u engleskom jeziku (vidi Tabelu 5.5).

**5.3.3 Imenice čiji se eksponenti javljaju u dva položaja: prvom i drugom delu složenice**

**5.3.3.1 Imenice čiji se eksponenti javljaju u dva položaja - engleski jezik**

Lista imenica je data u celini u Tabeli 5.3.

**5.3.3.2 Imenice čiji se eksponenti javljaju u dva položaja - srpskohrvatski jezik**

Lista imenica je data u celini u Tabeli 5.4.

**5.4 Imeničke komponente s obzirom na karakteristiku živo/neživo**

Rezultati su prikazani u Tabeli 5.6. Od ukupnog broja engleskih imenica 14.93% ima karakteristiku 'živo' (što je za 5.99% manje od odgovarajućeg broja u srpskohrvatskom jeziku) a 85.07% karakteristiku 'neživo' (što je za 6.35% više od odgovarajućeg broja u srpskohrvatskom). Od ukupnog broja srpskohrvatskih imenica 20.92% ima karakteristiku 'živo' a 78.72% karakteristiku 'neživo'.

**Tabela 5.3 Lista engleskih imenica koje su aktivne u dva položaja:  
prvom i drugom delu složenice**

1. ant	41. dress	81. place
2. apple	42. egg	82. plant
3. baby	43. field	83. purse
4. bar	44. fire	84. rope
5. bed	45. fish	85. salt
6. bell	46. fly	86. school
7. berry	47. gas	87. screw
8. bicycle	48. gate	88. seed
9. bird	49. glass	89. shoe
10. boat	50. glove	90. shop
11. bone	51. gold	91. skirt
12. book	52. good	92. snake
13. boot	53. grass	93. soap
14. bottle	54. gum	94. spider
15. box	55. gun	95. star
16. brain	56. head	96. stone
17. bridge	57. heart	97. story
18. brush	58. hook	98. sugar
19. button	59. horse	99. table
20. cane	60. house	100. tale
21. canoe	61. ice	101. thief
22. can	62. ink	102. time
23. card	63. iron	103. toad
24. car	64. joy	104. tobacco
25. chair	65. key	105. tooth
26. cheese	66. knife	106. tree
27. cherry	67. lady	107. trumpet
28. chocolate	68. lamp	108. tube
29. class	69. machine	109. watch
30. coach	70. man	110. water
31. coach	71. money	111. wax
32. coat	72. net	112. way
33. costume	73. night	113. weed
34. cream	74. paper	114. wheel
35. day	75. paste	115. wind
36. devil	76. peace	116. window
37. diamond	77. pencil	117. wood
38. dish	78. penny	118. word
39. dog	79. pen	119. worm
40. door	80. phone	

**Tabela 5.4** Lista srpskohrvatskih imenica koje su aktivne u dva položaja: prvom i drugom delu složenice

1. brk	13. kamen	25. mir
2. buba	14. kesa	26. put
3. čutura	15. klupa	27. šuma
4. dan	16. knjiga	28. vatra
5. dlaka	17. konj	29. vetar
6. drvo	18. kosa	30. voda
7. duša	19. koza	31. vrat
8. glava	20. koža	32. zdela
9. gora	21. krava	33. zub
10. grudi	22. kuća	34. žaba
11. guša	23. lonac	
12. guz	24. mašina	

**Tabela 5.5** Imenička komponenta aktivna u prvom delu složenice i imenička komponenta aktivna u drugom delu složenice broj javljanja

E-I (ABS)	E-I (%)	S-I (ABS)	S-I (%)	E-II (ABS)	E-II (%)	S-II (ABS)	S-II (%)
1014	66.45	877	87.61	512	33.55	124	12.39

E = Engleski jezik

S = Srpskohrvatski jezik

I = Prvi deo složenice

II = Drugi deo složenice

ABS = Apsolutna vrednost

**Tabela 5.6** Imeničke komponente aktivne u složenicama s obzirom na karakteristiku živo/neživo brojčani odnos

ZE (ABS)	ZE (%)	NZE (ABS)	NZE (%)	ZS (ABS)	ZS (%)	NZS (ABS)	NZS (%)
76	14.93	433	85.07	59	20.92	222	78.72

Z = Živo

NZ = Neživo

E = Engleski jezik

S = Srpskohrvatski jezik

ABS = Apsolutna vrednost

## 5.5 Rečnik imenica i stepen produktivnosti

### 5.5.1 Rečnik engleskih imenica i stepen produktivnosti

Rečnik je dat u Tabeli 5.7. Rezultati su štampani u dva stupca u po tri kolone gde su u prvoj koloni date imenice po opadajućoj frekvenciji, u drugoj frekvencija (apsolutna vrednost) i u trećoj frekvencija (vrednost u procentima). Rezultati pokazuju da je u engleskim složenicama produktivno 509 imenica (vidi Tabelu 5.9) od kojih 198 ima frekvenciju 1.

Frekvencija van složenica prvih 8 imenica (prema COBUILD Merged Corpus (Spoken & Written) Alphabetic Listing 16 July 1984) je sledeća: house 3023, room 2108, stone 380, water 1911, paper 983, machine 571, night 2140 i fire 974. Rezultati pokazuju da ne postoji korespondencija između frekvencije imenica van složenice i stepena njihove produktivosti u složenicama. Navećemo, radi ilustracije, par home (2822 van složenica i 5 u složenicama) i gum (28 van složenica i 5 u složenicama). Sledeći primjeri imaju u složenicama frekvenciju 1, a van složenica onako kako je navedeno: wall 599, smoke 412, scythe 9, rose 650, parchment 10, bus 361, axe 26 i arrow 50. Bilo bi zanimljivo prodati u uzrok ovakvog stanja.

**Tabela 5.7 Rečnik engleskih imenica i stepen produktivnosti**

Imenice	f(ABS)	%	Imenice	f(ABS)	%
house	22	1.44	hand	9	0.59
room	19	1.25	glass	9	0.59
stone	18	1.18	fly	9	0.59
water	17	1.11	coffee	9	0.59
paper	16	1.05	boat	9	0.59
machine	16	1.05	wool	8	0.52
night	15	0.98	time	8	0.52
fire	14	0.92	sun	8	0.52
day	14	0.92	shop	8	0.52
board	13	0.85	net	8	0.52
shoe	11	0.72	land	8	0.52
money	11	0.72	head	8	0.52
book	11	0.72	car	8	0.52
bird	11	0.72	bone	8	0.52
sea	10	0.66	air	8	0.52
place	10	0.66	word	7	0.46
ice	10	0.66	weed	7	0.46
hair	10	0.66	street	7	0.46
bridge	10	0.66	star	7	0.46
boot	10	0.66	sheep	7	0.46
wood	9	0.59	mind	7	0.46
table	9	0.59	horse	7	0.46
peace	9	0.59	gold	7	0.46
man	9	0.59	gas	7	0.46

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Imenice	f(ABS)	%	Imenice	f(ABS)	%
door	7	0.46	woman	4	0.26
dog	7	0.46	tube	4	0.26
coal	7	0.46	tale	4	0.26
cheese	7	0.46	suit	4	0.26
chair	7	0.46	stick	4	0.26
brick	7	0.46	soap	4	0.26
box	7	0.46	snow	4	0.26
wine	6	0.39	rain	4	0.26
window	6	0.39	penny	4	0.26
sword	6	0.39	nut	4	0.26
space	6	0.39	music	4	0.26
sky	6	0.39	letter	4	0.26
rope	6	0.39	lady	4	0.26
road	6	0.39	hay	4	0.26
knife	6	0.39	ground	4	0.26
ink	6	0.39	fox	4	0.26
heart	6	0.39	flower	4	0.26
gate	6	0.39	field	4	0.26
egg	6	0.39	ear	4	0.26
coach	6	0.39	dish	4	0.26
bottle	6	0.39	diamond	4	0.26
wire	5	0.33	devil	4	0.26
wind	5	0.33	cream	4	0.26
wheel	5	0.33	corn	4	0.26
type	5	0.33	cock	4	0.26
tree	5	0.33	clock	4	0.26
tooth	5	0.33	button	4	0.26
sugar	5	0.33	butter	4	0.26
slave	5	0.33	brush	4	0.26
ski	5	0.33	bell	4	0.26
ship	5	0.33	baby	4	0.26
rock	5	0.33	heel	4	0.26
prize	5	0.33	worm	3	0.20
picture	5	0.33	well	3	0.20
image	5	0.33	weight	3	0.20
home	5	0.33	wax	3	0.20
gum	5	0.33	watch	3	0.20
glove	5	0.33	wage	3	0.20
fish	5	0.33	trouble	3	0.20
cotton	5	0.33	town	3	0.20
card	5	0.33	toad	3	0.20
candle	5	0.33	thief	3	0.20
bull	5	0.33	tea	3	0.20
blood	5	0.33	surf	3	0.20
bar	5	0.33	story	3	0.20

Imenice	f(ABS)	%	Imenice	f(ABS)	%
steak	3	0.20	cane	3	0.20
stage	3	0.20	bread	3	0.20
shore	3	0.20	brain	3	0.20
seed	3	0.20	boy	3	0.20
school	3	0.20	body	3	0.20
scene	3	0.20	bicycle	3	0.20
salt	3	0.20	berry	3	0.20
rat	3	0.20	belly	3	0.20
powder	3	0.20	beer	3	0.20
pool	3	0.20	bee	3	0.20
point	3	0.20	bed	3	0.20
pencil	3	0.20	basin	3	0.20
pen	3	0.20	back	3	0.20
pattern	3	0.20	apple	3	0.20
office	3	0.20	wrong	2	0.13
moon	3	0.20	witch	2	0.13
mine	3	0.20	wheat	2	0.13
leg	3	0.20	way	2	0.13
leaf	3	0.20	violin	2	0.13
lawn	3	0.20	vine	2	0.13
law	3	0.20	verse	2	0.13
iron	3	0.20	taft	2	0.13
inn	3	0.20	trumpet	2	0.13
hook	3	0.20	trend	2	0.13
honey	3	0.20	treasure	2	0.13
hat	3	0.20	tower	2	0.13
hell	3	0.20	torch	2	0.13
grass	3	0.20	tobacco	2	0.13
good	3	0.20	ticket	2	0.13
goal	3	0.20	style	2	0.13
girl	3	0.20	stamp	2	0.13
fortune	3	0.20	sponge	2	0.13
fork	3	0.20	spider	2	0.13
fault	3	0.20	soda	2	0.13
eye	3	0.20	snake	2	0.13
earth	3	0.20	skirt	2	0.13
dress	3	0.20	silk	2	0.13
desk	3	0.20	shell	2	0.13
cross	3	0.20	shadow	2	0.13
cow	3	0.20	seal	2	0.13
coat	3	0.20	screw	2	0.13
chocolate	3	0.20	safe	2	0.13
cherry	3	0.20	rush	2	0.13
cart	3	0.20	rice	2	0.13
canoe	3	0.20	purse	2	0.13

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Imenice	f(ABS)	%	Imenice	f(ABS)	%
prison	2	0.13	empire	2	0.13
pot	2	0.13	eel	2	0.13
pleasure	2	0.13	dirt	2	0.13
plant	2	0.13	die	2	0.13
pit	2	0.13	cradle	2	0.13
pin	2	0.13	crab	2	0.13
piano	2	0.13	costume	2	0.13
phone	2	0.13	coffin	2	0.13
paste	2	0.13	cloud	2	0.13
party	2	0.13	cloth	2	0.13
partner	2	0.13	clog	2	0.13
pan	2	0.13	clay	2	0.13
model	2	0.13	class	2	0.13
metal	2	0.13	cigarette	2	0.13
match	2	0.13	cigar	2	0.13
master	2	0.13	church	2	0.13
maid	2	0.13	chimney	2	0.13
list	2	0.13	chicken	2	0.13
light	2	0.13	chess	2	0.13
lantern	2	0.13	chain	2	0.13
lamp	2	0.13	cereal	2	0.13
lace	2	0.13	cave	2	0.13
key	2	0.13	carpet	2	0.13
joy	2	0.13	cap	2	0.13
jaw	2	0.13	canvas	2	0.13
insect	2	0.13	candy	2	0.13
hop	2	0.13	can	2	0.13
hole	2	0.13	cake	2	0.13
harness	2	0.13	cabinet	2	0.13
gun	2	0.13	bush	2	0.13
grave	2	0.13	buffalo	2	0.13
gem	2	0.13	bribe	2	0.13
furniture	2	0.13	bowl	2	0.13
fund	2	0.13	ball	2	0.13
fruit	2	0.13	bag	2	0.13
freedom	2	0.13	ant	2	0.13
foot	2	0.13	animal	2	0.13
flesh	2	0.13	anchor	2	0.13
film	2	0.13	ale	2	0.13
fig	2	0.13	gap	1	0.06
felt	2	0.13	zoo	1	0.06
fellow	2	0.13	zone	1	0.06
fashion	2	0.13	year	1	0.06
face	2	0.13	willow	1	0.06
evil	2	0.13	whip	1	0.06

Imenice	f(ABS)	%	Imenice	f(ABS)	%
week	1	0.06	scythe	1	0.06
wall	1	0.06	script	1	0.06
vacuum	1	0.06	screen	1	0.06
tub	1	0.06	scissors	1	0.06
trunk	1	0.06	satelite	1	0.06
trousers	1	0.06	sandwich	1	0.06
troop	1	0.06	sand	1	0.06
tool	1	0.06	salad	1	0.06
tongue	1	0.06	rose	1	0.06
toe	1	0.06	root	1	0.06
title	1	0.06	roll	1	0.06
tin	1	0.06	role	1	0.06
thunder	1	0.06	rod	1	0.06
thumb	1	0.06	robe	1	0.06
throat	1	0.06	river	1	0.06
thing	1	0.06	quartz	1	0.06
theatre	1	0.06	prose	1	0.06
text	1	0.06	profit	1	0.06
tear	1	0.06	pottery	1	0.06
taxi	1	0.06	potato	1	0.06
tax	1	0.06	posture	1	0.06
tape	1	0.06	post	1	0.06
tank	1	0.06	position	1	0.06
tablet	1	0.06	port	1	0.06
swine	1	0.06	pond	1	0.06
stuff	1	0.06	pocket	1	0.06
studio	1	0.06	plane	1	0.06
string	1	0.06	plate	1	0.06
straw	1	0.06	plaster	1	0.06
stock	1	0.06	pipe	1	0.06
stay	1	0.06	pillow	1	0.06
staff	1	0.06	pill	1	0.06
spring	1	0.06	pig	1	0.06
sport	1	0.06	phrase	1	0.06
spine	1	0.06	people	1	0.06
sound	1	0.06	pearl	1	0.06
soul	1	0.06	pear	1	0.06
smoke	1	0.06	path	1	0.06
slop	1	0.06	pate	1	0.06
slate	1	0.06	part	1	0.06
skin	1	0.06	park	1	0.06
shoulder	1	0.06	parchment	1	0.06
shelf	1	0.06	pain	1	0.06
shark	1	0.06	pad	1	0.06
seat	1	0.06	oyster	1	0.06

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Imenice	f(ABS)	%	Imenice	f(ABS)	%
ox	1	0.06	gentleman	1	0.06
owl	1	0.06	game	1	0.06
ore	1	0.06	gallery	1	0.06
onion	1	0.06	gag	1	0.06
oil	1	0.06	frog	1	0.06
novel	1	0.06	frame	1	0.06
nose	1	0.06	floor	1	0.06
news	1	0.06	flame	1	0.06
needle	1	0.06	fiche	1	0.06
neck	1	0.06	fee	1	0.06
mouth	1	0.06	farm	1	0.06
moth	1	0.06	faith	1	0.06
moisture	1	0.06	engine	1	0.06
mischief	1	0.06	elm	1	0.06
mineral	1	0.06	dust	1	0.06
milk	1	0.06	duck	1	0.06
mercy	1	0.06	drum	1	0.06
map	1	0.06	doll	1	0.06
mable	1	0.06	disk	1	0.06
lotus	1	0.06	dew	1	0.06
lorry	1	0.06	dear	1	0.06
line	1	0.06	cycle	1	0.06
lime	1	0.06	curtain	1	0.06
licence	1	0.06	cup	1	0.06
lemon	1	0.06	cruet	1	0.06
lead	1	0.06	crow	1	0.06
ladder	1	0.06	crop	1	0.06
knot	1	0.06	cot	1	0.06
king	1	0.06	corner	1	0.06
kettle	1	0.06	copper	1	0.06
jockey	1	0.06	concert	1	0.06
jail	1	0.06	cog	1	0.06
jacket	1	0.06	cocktail	1	0.06
hour	1	0.06	clothes	1	0.06
hospital	1	0.06	cloak	1	0.06
horn	1	0.06	circuit	1	0.06
hood	1	0.06	chappel	1	0.06
holiday	1	0.06	centre	1	0.06
hoe	1	0.06	castle	1	0.06
hen	1	0.06	cassette	1	0.06
hedge	1	0.06	bus	1	0.06
hammer	1	0.06	broom	1	0.06
habit	1	0.06	breeches	1	0.06
green	1	0.06	border	1	0.06
gnat	1	0.06	bomb	1	0.06

Imenice	f(ABS)	%	Imenice	f(ABS)	%
blue	1	0.06	bear	1	0.06
block	1	0.06	basket	1	0.06
birch	1	0.06	barge	1	0.06
bike	1	0.06	axe	1	0.06
bench	1	0.06	arrow	1	0.06
beetle	1	0.06			

### 5.5.2 Rečnik srpskohrvatskih imenica i stepen produktivnosti

Rečnik je dat u Tabeli 5.8. Rezultati su štampani u dva stupca u po tri kolone gde su u prvoj koloni date imenice po opadajućoj frekveniciji (vrednost u procentima). rezultati pokazuju da su u srpskohrvatskim složenicama produktivne 282 imenice (vidi Tabelu 5.9) od kojih 126 ima frekvenciju 1.

Tabela 5.8 Rečnik srpskohrvatskih imenica i stepen produktivnosti

Imenica	f(ABS)	%	Imenica	f(ABS)	%
drvo	43	4.30	vo	7	0.70
voda	36	3.60	sud	7	0.70
bog	28	2.80	riba	7	0.70
zlo	21	2.10	krst	7	0.70
vetar	21	2.10	guz	7	0.70
konj	18	1.80	biljka	7	0.70
knjiga	18	1.80	žena	6	0.60
krv	17	1.70	žaba	6	0.60
ruka	16	1.60	zrno	6	0.60
duša	16	1.60	zmija	6	0.60
zemlja	15	1.50	zima	6	0.60
kamen	14	1.40	stih	6	0.60
dobro	13	1.30	vis	6	0.60
brod	13	1.30	mina	6	0.60
dan	12	1.20	metal	6	0.60
bakar	12	1.20	kost	6	0.60
kuća	11	1.10	kit	6	0.60
koža	11	1.10	gora	6	0.60
glava	11	1.10	brat	6	0.60
vino	10	1.00	zub	5	0.50
mir	10	1.00	vlast	5	0.50
ikona	10	1.00	šteta	5	0.50
buba	10	1.00	posao	5	0.50
zlato	8	0.80	mrav	5	0.50
zakon	8	0.80	meso	5	0.50
vatra	8	0.80	ljudi	5	0.50
zajam	7	0.70	led	5	0.50
vrat	7	0.70	kukac	5	0.50

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Imenica	f(ABS)	%	Imenica	f(ABS)	%
kapa	5	0.50	kavga	3	0.30
dom	5	0.50	grudi	3	0.30
čudo	5	0.50	duh	3	0.30
brak	5	0.50	daljina	3	0.30
baba	5	0.50	crv	3	0.30
zver	4	0.40	čanak	3	0.30
tun	4	0.40	basna	3	0.30
svinja	4	0.40	um	3	0.30
sunce	4	0.40	žuč	2	0.20
strvina	4	0.40	žila	2	0.20
put	4	0.40	srce	2	0.20
muva	4	0.40	sila	2	0.20
med	4	0.40	šuma	2	0.20
mač	4	0.40	seme	2	0.20
lonac	4	0.40	sahan	2	0.20
kralj	4	0.40	rep	2	0.20
koza	4	0.40	pravo	2	0.20
kotao	4	0.40	pravda	2	0.20
klica	4	0.40	plod	2	0.20
kesa	4	0.40	plin	2	0.20
hleb	4	0.40	pivo	2	0.20
gost	4	0.40	pečat	2	0.20
čovek	4	0.40	more	2	0.20
čedo	4	0.40	mleko	2	0.20
buva	4	0.40	mitra	2	0.20
brk	4	0.40	miro	2	0.20
zdelia	3	0.30	matera	2	0.20
vrana	3	0.30	marva	2	0.20
vinograd	3	0.30	mačka	2	0.20
venac	3	0.30	leto	2	0.20
vazduh	3	0.30	kut	2	0.20
trava	3	0.30	kruna	2	0.20
toplota	3	0.30	krtica	2	0.20
svet	3	0.30	krava	2	0.20
suza	3	0.30	kosa	2	0.20
staklo	3	0.30	korist	2	0.20
sneg	3	0.30	kolo	2	0.20
slovo	3	0.30	kmet	2	0.20
para	3	0.30	klasa	2	0.20
seno	3	0.30	klas	2	0.20
polje	3	0.30	karta	2	0.20
pesma	3	0.30	jam	2	0.20
mašina	3	0.30	jaje	2	0.20
kola	3	0.30	istina	2	0.20
klupa	3	0.30	insekt	2	0.20

Imenica	f(ABS)	%	Imenica	f(ABS)	%
hlad	2	0.20	rog	1	0.10
guša	2	0.20	puška	1	0.10
drug	2	0.20	ptica	1	0.10
dlaka	2	0.20	prst	1	0.10
dete	2	0.20	prsa	1	0.10
čutura	2	0.20	pošta	1	0.10
čelo	2	0.20	pogača	1	0.10
budža	2	0.20	ploča	1	0.10
brada	2	0.20	pero	1	0.10
bič	2	0.20	pauza	1	0.10
sloboda	2	0.20	papir	1	0.10
para	1	0.10	pantalone	1	0.10
žito	1	0.10	pacov	1	0.10
zglob	1	0.10	otac	1	0.10
zastava	1	0.10	oko	1	0.10
vuna	1	0.10	oblak	1	0.10
vreme	1	0.10	nos	1	0.10
vreća	1	0.10	nokat	1	0.10
vrba	1	0.10	noga	1	0.10
visina	1	0.10	noć	1	0.10
uvo	1	0.10	nebo	1	0.10
usta	1	0.10	nafta	1	0.10
ulje	1	0.10	muž	1	0.10
ugljen	1	0.10	munja	1	0.10
ugao	1	0.10	mrvica	1	0.10
trbuh	1	0.10	mozak	1	0.10
tiran	1	0.10	most	1	0.10
takt	1	0.10	mokraća	1	0.10
svila	1	0.10	medved	1	0.10
sveća	1	0.10	mazga	1	0.10
strah	1	0.10	mantija	1	0.10
starac	1	0.10	luč	1	0.10
srebro	1	0.10	list	1	0.10
spora	1	0.10	ledja	1	0.10
slezina	1	0.10	kuk	1	0.10
slepac	1	0.10	kugla	1	0.10
slava	1	0.10	kučka	1	0.10
slana	1	0.10	krivina	1	0.10
slama	1	0.10	kran	1	0.10
skut	1	0.10	kosturnica	1	0.10
skiptar	1	0.10	korica	1	0.10
šaka	1	0.10	koplje	1	0.10
savet	1	0.10	ključ	1	0.10
ruda	1	0.10	kiša	1	0.10
ručak	1	0.10	kiselina	1	0.10

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Imenica	f(ABS)	%	Imenica	f(ABS)	%
kašika	1	0.10	druga	1	0.10
kasa	1	0.10	djavo	1	0.10
kamata	1	0.10	dim	1	0.10
jezik	1	0.10	devojka	1	0.10
jetra	1	0.10	čorba	1	0.10
jagoda	1	0.10	članak	1	0.10
jad	1	0.10	četa	1	0.10
igla	1	0.10	čaša	1	0.10
hrt	1	0.10	čabar	1	0.10
hor	1	0.10	cev	1	0.10
gustina	1	0.10	centar	1	0.10
guska	1	0.10	briga	1	0.10
grb	1	0.10	breme	1	0.10
grad	1	0.10	bok	1	0.10
goč	1	0.10	boj	1	0.10
glista	1	0.10	blato	1	0.10
glina	1	0.10	blago	1	0.10
glas	1	0.10	benzin	1	0.10
glad	1	0.10	bedro	1	0.10
gas	1	0.10	baklja	1	0.10
firma	1	0.10	bakcil	1	0.10
dubina	1	0.10	badnjak	1	0.10
drvce	1	0.10	bačva	1	0.10

Tabela 5.9 Različite imenice aktivne u složenicama - brojčani izraz

E (ABS)	E (%)	S (ABS)	S (%)
509	33.36	282	28.17

E = Engleski jezik

S = Srpskohrvatski jezik

ABS = Apsolutna vrednost

### 5.5.3 Brojčani odnos imeničkih i glagolskih komponenti

Rezultati su dati u Tabeli 4.12. Odnos broja imenica i broja glagola pokazuje da broj imenica iznosi 144% ukupnog broja glagola u engleskom jeziku i 158% ukupnog broja glagola u srpskohrvatskom jeziku.

## **6. Vezane morfeme u strukturi imeničkih složenica u engleskom i srpskohrvatskom jeziku**

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### **6.1 Predmet i cilj rada**

Predmet ovog dela rada su vezane morfeme u strukturi imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku. Cilj rada je da se da pregled vezanih morfema s obzirom na njihov položaj u prvom ili drugom delu složenice, da se ustanovi koje su vezane morfeme aktivne u kom položaju (u jednom, drugom ili oba) i da li se javljaju uz glagolsku ili neglagolsku komponentu (ili i uz jednu i uz drugu) - da se, dakle, ustanove moguće restrikcije u vezi sa položajem morfeme i vrstom osnove uz koju se javljaju i da se rezultati uporedi.

### **6.2 Vezane morfeme / spojni elementi u prvom delu složenica**

#### **6.2.1 Vezane morfeme u prvom delu engleskih složenica**

##### **6.2.1.1 Engleske složenice sa vezanom morfemom i bez vezane morfeme u prvom delu**

Rezultati se prikazuju u Tabeli 6.1. Vezane morfeme se javljaju u 17.69% a ne javljaju u 82.31% slučajeva. Broj slučajeva u kojima odsustvuju vezane morfeme je 4.65 puta veći od broja slučajeva u kojima se one javljaju.

##### **6.2.1.2 Vezane morfeme aktivne u prvom delu engleskih složenica**

Rezultati su dati u Tabeli 6.2. U prvom delu engleskih imeničkih složenica sa glagolskom komponentom aktivne su morfeme {ING} u 99.26% i {DOM} u 0.74% slučajeva.

##### **6.2.1.3 Vezane morfeme uz glagolsku i neglagolsku komponentu**

Rezultati su dati u Tabeli 6.5. Vezane morfeme se javljaju uz glagolsku komponentu u 99.26% slučajeva (što je za 88.18% više nego u srpskohrvatskom) i uz neglagolsku u 0.74% slučajeva (što je za 88.18% manje nego u srpskohrvatskom).

**Tabela 6.1** Engleske složenice sa vezanom morfemom i bez vezane morfeme u prvom delu - broj javljanja

SVM(ABS)	VM(%)	VM(ABS)	VM(%)
270	17.69	1256	82.31

SVM = Sa vezanom morfemom

BVM = Bez vezane morfeme

ABS = Apsolutna vrednost

**Tabela 6.2** Vezane morfeme aktivne u prvom delu engleskih složenica

VM	F
ING	268
DOM	2

VM = Vezana morfema

F = Frekvencija

#### 6.2.1.4 Ista vezana morfema aktivna uz glagolsku i neglagolsku komponentu

Rezultati su dati u Tabeli 6.6. Oni pokazuju da u engleskom jeziku nema morfeme koja je aktivna i uz glagolsku i neglagolsku komponentu u prvom delu složenice.

#### 6.2.2 Spojni elementi u prvom delu srpskohrvatskih složenica

Spojnim elementom nazivamo član strukture na šavu između prvog i drugog dela srpskohrvatske složenice a koji vrši funkciju spajanja delova.

Smatramo da postoje složenice sa spojnim elementom i bez spojnog elementa. Realizacije spojnog elementa jesu: o, i i e.

Spojni elementi na šavu između prvog i drugog dela složenice su u literaturi različito tretirani. Belić o njima govori kao o 'spojnom vokalu' sa realizacijom o ili e (Belić, 1949:35); i se tretira kao svršetak oblika imperativa (Belić, 1949). Termin Stevanovića je 'spojni samoglasnik', a realizacije su o ili e (Stevanović, 1962:240); i se smatra svršetkom imperativa (Stevanović, 1956). Termin Barićeve su 'spojnik', 'spojni morfem' i 'kompozicijski morfem' (Barić, 1980:25).

Naše je mišljenje da spojni elemenat nema status morfeme, te da 'morfema' ne može figurirati u nazivu (vidi suprotno u Barić, 1980:25), da se 'vokal' (Belić, 1949:35) ili 'samoglasnik' (Stevanović, 1962:240) odnose na realizaciju spojnog elementa u određenom medijumu (govoru) i da se ne tiču njegove prirode, te da nisu nužna odrednica koja bi figurirala u nazivu, da je i (sa stanovišta sinhronije) spojni elemenat isto koliko i o i e.

Termin 'spojni elemenat' (koji nije preuzet iz literature) smo odabrali tako da uključuje odrednice koje se tiču statusa u strukturi složenice i funkcije elementa u složenici.

### 6.2.2.1 Srpskohrvatske složenice sa spojnim elementom i bez spojnog elementa

Rezultati se prikazuju u Tabeli 6.3. Spojni elemenat se javlja u 97.40% i ne javlja u 2.60% slučajeva.

**Tabela 6.3 Srpskohrvatske složenice sa spojnim elementom i bez spojnog elementa - broj javljanja**

SSE(ABS)	SSE(%)	BSE(ABS)	BSE(%)
975	97.40	26	2.60

SSE = Sa spojnim elementom

BSE = Bez spojnog elementa

ABS = Apsolutna vrednost

### 6.2.2.2 Spojni elementi aktivni u prvom delu srpskohrvatskih složenica

Rezultati se prikazuju u Tabeli 6.4. U prvom delu srpskohrvatskih složenica aktivni su sledeći spojeni elementi: o sa frekvencijom 87.18%, i sa 9.95% i e sa 2.87%.

**Tabela 6.4 Spojni elementi aktivni u prvom delu srpskohrvatskih složenica**

SE	F		GKF		NGKF	
	(ABS)	(%)	(ABS)	(%)	(ABS)	(%)
O	850	87.18	11	1.29	839	98.71
I	97	9.95	97	100.00	0	0.00
E	28	2.87	0	0.00	28	100.00
UKUPNO						
3	975	100.00	108	11.08	867	88.92

SE = Spojni elemenat

GK = Spojni elemenat uz glagolsku komponentu

NGK = Spojni elemenat nije uz glagolsku komponentu

F = Frekvencija

ABS = Apsolutna vrednost

### 6.2.2.3 Spojni elementi uz glagolsku i neglagolsku komponentu

Rezultati su prikazani u Tabeli 6.4 i Tabeli 6.5. Rezultati pokazuju sledeće: spojni elemenat o se javlja i uz glagolsku i uz neglagolsku komponentu (76.27% puta više uz neglagolsku), spojni elemenat i se javlja isključivo uz glagolsku komponentu, a spojni elemenat e isključivo uz neglagolsku komponentu. Spojni elementi su češće uz neglagolsku (88.92%) nego uz glagolsku (11.08%) komponentu.

**6.2.2.4 Isti spojni elemenat uz glagolsku i neglagolsku komponentu**

Rezultati su dati u Tabeli 6.6. Oni pokazuju (vidi Tabele 6.5 i 6.6) da samo u odnosu na spojni elemenat o nema restrikcija u vezi sa vrstom osnove (glagolskom ili neglagolskom).

**Tabela 6.5 Vezana morfema/spojni elemenat uz glagolsku i neglagolsku komponentu u prvom delu složenice - broj javljanja**

VGE (ABS)	VGE (%)	VNGE (ABS)	VNGE (%)	VGS (ABS)	VGS (%)	VNGS (ABS)	VNGS (%)
268	99.26	2	0.74	108	11.08	867	88.92

VG = Vezana morfema/spojni elemenat uz glagolsku komponentu

VNG = Vezana morfema/spojni elemenat uz neglagolsku komponentu

E = Engleski jezik

S = Srpskohrvatski jezik

ABS = Apsolutna vrednost

**Tabela 6.6 Ista vezana morfema/spojni elemenat uz glagolsku i neglagolsku komponentu u prvom delu složenice - broj javljanja**

E-I,II(ABS)	E-I,II(%)	S-I,II(ABS)	S-I,II(%)
0	0.00	1	33.33

E = Engleski jezik

S = Srpskohrvatski jezik

I,II = Prvi i drugi deo složenice

ABS = Apsolutna vrednost

### 6.3 Vezane morfeme u drugom delu složenica

#### 6.3.1 Vezane morfeme u drugom delu engleskih složenica

##### 6.3.1.1 Engleske složenice sa vezanom morfemom i bez vezane morfeme u drugom delu

Rezultati su prikazani u Tabeli 6.7. Vezana morfema se javlja u drugom delu složenice u 56.68% slučajeva, a ne javlja u 43.32% slučajeva.

##### 6.3.1.2 Vezanę morfeme aktivne u drugom delu engleskih složenica

Rezultati su dati u Tabeli 6.8. U drugom delu engleskih složenica aktivno je pet morfema. Najvišu frekvenciju imaju {ER} i {ING}.

##### 6.3.1.3 Vezane morfeme uz glagolsku i neglagolsku komponentu

Rezultati su dati u Tabeli 6.8 i Tabeli 6.16. Vezane morfeme u drugom delu složenica se javljaju uz glagolsku komponentu u 99.54% slučajeva (što je za

*Vezane morfeme (engleski i srpskohrvatski uzorak)* 261  
11.53% više nego u srpskohrvatskom), a uz neglagolsku u 0.46% slučajeva  
(što je za 11.53% manje nego u srpskohrvatskom).

*6.3.1.3.1 Vezane morfeme uz glagolsku komponentu*  
Rezultati su dati u Tabeli 6.9 i Tabeli 6.16.

*6.3.1.3.2 Vezane morfeme uz neglagolsku komponentu*  
Rezultati su dati u Tabeli 6.10 i Tabeli 6.16.

*6.3.1.3.3 Ista vezana morfema uz glagolsku i neglagolsku komponentu*  
Rezultati su dati u Tabeli 6.11. Oni pokazuju da se samo jedna morfema  
{ER} može javiti uz glagolsku i neglagolsku komponentu. Uz neglagolsku  
komponentu se javlja samo u 0.33% slučajeva (vidi Tabelu 6.8).

**Tabela 6.7 Engleske složenice sa vezanom morfemom i bez vezane  
morfeme u drugom delu - broj javljanja**

SVM(ABS)	SVM(%)	BVM(ABS)	BVM(%)
865	56.68	661	43.32

SVM = Sa vezanom morfemom

BVM = Bez vezane morfeme

ABS = Apsolutna vrednost

**Tabela 6.8 Vezane morfeme aktivne u drugom delu engleskih složenica - broj javljanja**

VM	F		GKF		NGKF	
	(ABS)	(%)	(ABS)	(%)	(ABS)	(%)
ER	600	69.36	598	99.66	2	0.33
ING	249	28.79	249	100.00	0	0.00
OR	11	1.27	11	100.00	0	0.00
ERY	2	0.23	2	100.00	0	0.00
S	2	0.23	0	0.00	2	100.00
UKUPNO	5	100.00	861	99.54	4	0.46

VM = Vezana morfema

GK = Vezana morfema uz glagolsku komponentu

NGK = Vezana morfema nije uz glagolsku komponentu

F = Frekvencija

ABS = Apsolutna vrednost

**Tabela 6.9 Vezane morfeme uz glagolsku komponentu aktivne u drugom delu engleskih složenica - broj javljanja**

VM	(ABS)	(%)
ER	598	69.45
ING	249	28.92
OR	11	1.28
ERY	2	0.23
AR	1	0.12
UKUPNO	5	100.00

VM = Vezana morfema

ABS = Apsolutna vrednost

**Tabela 6.10 Vezane morfeme koje nisu uz glagolsku komponentu aktivne u drugom delu engleskih složenica - broj javljanja**

VM	(ABS)	(%)
ER	2	50.00
S	2	50.00
UKUPNO	2	100.00

VM = Vezana morfema

ABS = Apsolutna vrednost

**Tabela 6.11 Vezane morfeme koje se i javljaju i ne javljaju uz glagolsku komponentu u drugom delu engleskih složenica**

VM
ER
UKUPNO
1

VM = Vezana morfema

### 6.3.2 Vezane morfeme u drugom delu srpskohrvatskih složenica

#### 6.3.2.1 Vezane morfeme aktivne u drugom delu srpskohrvatskih složenica

Rezultati su prikazani u Tabeli 6.12. Oni pokazuju da je u drugom delu srpskohrvatskih složenica aktivna 31 vezana morfema. Frekvenciju 1 ima 7 morfema. Najvišu frekvenciju ima morfema {AC}.

#### 6.3.2.2 Vezane morfeme uz glagolsku i neglagolsku komponentu

##### 6.3.2.2.1 Vezane morfeme uz glagolsku komponentu

Rezultati su dati u Tabeli 6.13. Rezultati pokazuju da je u drugom delu srpskohrvatskih složenica aktivno 28 morfema. Frekvenciju 1 ima 6 morfema. Najvišu frekvenciju ima morfema {AC}.

##### 6.3.2.2.2 Vezane morfeme uz neglagolsku komponentu

Rezultati su dati u Tabeli 6.14. Uz neglagolsku komponentu je aktivno 14 morfema. Frekvenciju 1 ima 8 morfema.

##### 6.3.2.2.3 Ista vezana morfema uz glagolsku i neglagolsku komponentu

Rezultati su dati u Tabeli 6.15 i Tabeli 6.17. Uz glagolsku i neglagolsku komponentu se javlja 11 morfema (što je za 10 više nego u engleskom). U slučaju ovih morfema nema restrikcije u odnosu na vrstu (glagolsku ili neglagolsku) komponente kojoj slede.

**Tabela 6.12** Vezane morfeme aktivne u drugom delu srpskohrvatskih složenica - broj javljanja

VM	F		GKF		NGKF	
	(ABS)	(%)	(ABS)	(%)	(ABS)	(%)
AC	182	25.67	181	99.45	1	0.55
JA	119	16.78	119	100.00	0	0.00
A	94	13.26	30	31.91	64	68.09
STVO	56	7.90	54	96.43	2	3.57
KA	39	5.50	35	89.74	4	10.26
ICA	34	4.80	31	91.18	3	8.82
JE	34	4.80	33	97.06	1	2.94
NICA	29	4.09	27	93.10	2	6.90
NIK	25	3.53	24	96.00	1	4.00
AČ	22	3.10	22	100.00	0	0.00
INA	18	2.54	17	94.44	1	5.56
TELJ	12	1.69	12	100.00	0	0.00
LAC	10	1.40	10	100.00	0	0.00
AR	6	0.85	5	83.33	1	16.66
IŠTE	3	0.42	3	100.00	0	0.00
TELJKA	3	0.42	3	100.00	0	0.00
AK	2	0.28	2	100.00	0	0.00
BA	2	0.28	2	100.00	0	0.00
DŽIJA	2	0.28	1	50.00	1	50.00
IK	2	0.28	2	100.00	0	0.00
KINJA	2	0.28	2	100.00	0	0.00
LIŠTE	2	0.28	2	100.00	0	0.00
O	2	0.28	0	0.00	2	100.00
TELJICA	2	0.28	2	100.00	0	0.00
AŠ	1	0.14	1	100.00	0	0.00
CE	1	0.14	0	0.00	1	100.00
E	1	0.14	0	0.00	1	100.00
ILJA	1	0.14	1	100.00	0	0.00
LICA	1	0.14	1	100.00	0	0.00
LO	1	0.14	1	100.00	0	0.00
ONICA	1	0.14	1	100.00	0	0.00
UKUPNO	31	709	100.00	624	88.01	85
						11.99

VM = Vezana morfema

GK = Vezana morfema uz glagolsku komponentu

NGK = Vezana morfema nije uz glagolsku komponentu

F = Frekvencija

ABS = Apsolutna vrednost

Tabela 6.13 Vezane morfeme uz glagolsku komponentu aktivne u drugom delu srpskohrvatskih složenica - broj javljanja

VM	(ABS)	(%)
AC	181	29.01
JA	119	19.07
STVO	54	8.65
KA	35	5.61
JE	33	5.29
ICA	31	4.97
A	30	4.81
NICA	27	4.33
NIK	24	3.85
AČ	22	3.53
INA	17	2.72
TELJ	12	1.92
LAC	10	1.60
AR	5	0.80
IŠTE	3	0.48
TELJKA	3	0.48
AK	2	0.32
BA	2	0.32
IK	2	0.32
KINJA	2	0.32
LIŠTE	2	0.32
TELJICA	2	0.32
AŠ	1	0.16
DŽIJA	1	0.16
ILJA	1	0.16
LICA	1	0.16
LO	1	0.16
ONICA	1	0.16
UKUPNO		
28	624	100.00

VM = Vezana morfema

ABS = Apsolutna vrednost

**Tabela 6.14 Vezane morfeme koje nisu uz glagolsku komponentu aktivne u drugom delu srpskohrvatskih složenica - broj javljanja**

VM	(ABS)	(%)
A	64	75.29
KA	4	4.71
ICA	3	3.53
NICA	2	2.35
O	2	2.35
STVO	2	2.35
AC	1	1.18
AR	1	1.18
CE	1	1.18
DŽIJA	1	1.18
E	1	1.18
INA	1	1.18
JE	1	1.18
NIK	1	1.18
UKUPNO		
14	85	100.00

VM = Vezana morfema

ABS = Apsolutna vrednost

**Tabela 6.15 Vezane morfeme koje se ijavljaju i ne javljaju uz glagolsku komponentu u drugom delu srpskohrvatskih složenica**

VM
A
AČ
AR
DŽIJA
ICA
INA
JE
KA
NICA
NIK
STVO
UKUPNO
11

VM = Vezana morfema

**Tabela 6.16 Vezana morfema uz glagolsku i neglagolsku komponentu u drugom delu složenice - broj javljanja**

VGE (ABS)	VGE (%)	VNGE (ABS)	VNGE (%)	VGS (ABS)	VGS (%)	VNGS (ABS)	VNGS (%)
861	99.54	4	0.46	624	88.01	85	11.99

VG = Vezana morfema uz glagolsku komponentu

VNG = Vezana morfema uz neglagolsku komponentu

E = Engleski jezik

S = Srpskohrvatski jezik

ABS = Apsolutna vrednost

**Tabela 6.17 Ista vezana morfema uz glagolsku i neglagolsku komponentu u drugom delu složenice - broj javljanja**

E-I,II(ABS)	E-I,II(%)	S-I,II(ABS)	S-I,II(%)
1	16.66	11	39.29

E = Engleski jezik

S = Srpskohrvatski jezik

I,II = Prvi i drugi deo složenice

ABS = Apsolutna vrednost

## **7. Značenje i sinonimija u sistemu imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku**

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### **7.1 Uvod**

U ovom delu rada autor saopštava rezultate istraživanja koje je sproveo na Univerzitetu u Birmingemu između marta 1985. i maja 1986. godine. Istraživanju je prethodilo izučavanje obimne literature, prikupljanje rečničke građe, provera hipoteze o vrsti i broju distinkтивnih obeležja, kodiranje uzorka (2527 reči) i izrada algoritma za identifikovanje reči istovrsnog značenja i identifikovanje sinonima intra- i interlingvalno.

Istraživanje je nastalo kao odgovor na nezadovoljavajući tretman problema u dosadašnjoj literaturi o predmetu i kao rezultat razmišljanja u vezi sa mogućim rešenjem problema i u vezi sa značajnim reperkusijama relevantnim u oblasti opšte lingvistike, nauke o građenju reči, leksikografije, teorije i prakse prevodenja i u oblasti nastave jezika.

### **7.2 Predmet i cilj rada**

Predmet rada je značenje i sinonimija u sistemu imeničkih složenica sa glagolskom komponentom u oba jezika.

Cilj rada je da se na temelju rezultata istraživanja opisanog u poglavljiju 3. postave osnove za egzaktно tretiranje značenja i sinonimije (tako što se izradi algoritam za identifikovanje reči istovrsnog značenja i identifikovanje sinonima pomoću kompjutera), da se utvrde značenjski obrasci koji su osnova za identifikovanje reči istovrsnog značenja i identifikovanje sinonima intra- i interlingvalno, da se izvedu zaključci u vezi sa problemom prevodne ekvivalencije, da se utvrdi stepen zastupljenosti određenih obrazaca unutar svakog pojedinog jezika i u oba jezika zajedno, da se utvrdi stepen zastupljenosti relacija i markera u sklopu značenjskih obrazaca unutar svakog jezika posebno i da se rezultati uporede.

### **7.3 Problem značenja i sinonimije u dosadašnjoj literaturi o složenicama**

Nakon uvida u obimnu literaturu o složenicama nameće se sledeći zaključak: problem značenja i sinonimije se u izvesnom broju radova ne tretira uopšte (čemu je često razlog lingvistički credo autora: najčešće ortodoksnii strukturalizam ili generativni sintaksički model, na primer); najveći broj radova (kojih je toliko da se svi ne bi mogli ni navesti) usredsređuje se na

strukturalne probleme (i na njima iscrpljuje istraživačku pažnju, pretenzije i kreativnost), a probleme značenja potiskuje na margine interesovanja, pa njihovo tretiranje, sporadično i nesistematsko i na nedovoljnom i heterogenom uzorku, često poprima karakter uzgrednih komentara i opaski koje se, i pored svega, daju sa ubedjenjem da odražavaju jezičku stvarnost i da im treba verovati; sledeću grupu čine radovi koji se zapažaju kao lucidni (na primer Lees, 1970b za razliku od Lees, 1966a) i koji donose značajne ideje od kojih bi se moglo poći u jednom samostalnom i opsežnom istraživanju - sami autori, međutim, nisu se, na žalost, u to upuštali; postoje radovi koji se problemom značenja složenica bave sa stanovišta dijahronije (na primer, Carr, 1939), ali je znatno veći broj onih gde se sinhroni i dijahroni plan analize mešaju; ima, napokon, veoma mali broj radova koji su isključivo posvećeni problemima značenja složenica (da izdvojimo, na primer, Warren, 1978 i Leonard, 1981) - njih, međutim, smatramo nezadovoljavajućim zbog mešanja različitih kriterijuma analize, zbog mešanja kriterijuma različitih po opštosti, zbog pojednostavljivanja i nedovoljne diskriminativnosti, zbog temeljenja rada na spornim premisama i zbog rada sa heterogenim uzorkom.

Smatramo važnim da istaknemo da se svi radovi, bez obzira na to u koliko se meri i sa koliko ozbiljnosti bave problemom značenja i sinonimije, mogu podvesti pod sledeći zajednički imenitelj: smer analize je uvek takav da se polazi od površinske strukture i ide ka značenju; složenice se, naime, razvrstavaju u određene klase na osnovu formalnih obeležja i onda se kaže da svaka pojedina klasa može imati određena, različita značenja. Ovakav pristup smatramo stereotipnim (takođe, Sinclair (usmeno) i Pennanen (pismo, maj 1984)). Takođe smatramo da je suprotan smer analize, tj. pristup problemu sa stanovišta onog koji kodira jezičku poruku (odašiljaoca) daleko zanimljiviji: tad je moguće govoriti o određenim značenjskim klasama koje se u površinskoj strukturi realizuju na određeni način; ovaj smer analize smo, stoga, primenili u našem istraživanju.

#### **7.4 Zaključak u vezi sa tretiranjem problema značenja i sinonimije u dosadašnjoj literaturi o složenicama**

Naše primedbe u vezi sa tretiranjem problema značenja i sinonimije u dosadašnjoj literaturi o složenicama odnose se na: zanemarivanje problema, na površnost i pojednostavljivanje, na uopštavanje, na nesistematičnost i metodološku spornost, na pravac analize: od površinske strukture ka značenju i na perpetuiranje stavova prethodnika bez ikakve provere.

Iz ovih razloga smo postavili sebi cilj onako kako je formulisan u odeljku 7.2.

Doprinos našeg istraživanja bi trebalo da bude u tome što je sistematsko i opsežno, što je **originalno** s obzirom na metod i smer analize, kao i na rezultate koje nije dalo nijedno nama poznato istraživanje.

## 7.5 Značenjski obrasci

Nakon što se istraživanjem opisanim u poglavlju 3. proverila hipoteza o vrsti i broju distinktivnih obeležja i algoritam za identifikovanje minimalnih parova pokazao uspešnim, nakon kodiranja uzorka od 2527 složenica u oba jezika (vidi poglavlje 2.), izrađen je algoritam za identifikovanje reči istovrsnog značenja i identifikovanje sinonima intra- i interlingvalno pomoću kompjutera (vidi prikaz programa i opis algoritma u poglavlju 3.) i dobijeni su rezultati (dati u celosti u odeljku 7.5).

Rezultati su prikazani u Tabeli 7.1 i Tabeli 7.2 i na Slici 7.1.

U Tabeli 7.1 rezultati su štampani u tri kolone u grupama koje objedinjuju složenice istovrsnog značenja i kojima prethodi šifra polja F13 i F16 koja su relevantna za identifikovanje reči istovrsnog značenja i sinonima (tumačenje koda je dato u 2.5.1) i kojima sledi broj koji odgovara broju reči istovrsnog značenja u oba jezika (broj reči istovrsnog značenja u svakom pojedinom jeziku može se naći u Tabeli 7.2).

U Tabeli 7.2 rezultati se prikazuju na sledeći način: u prvoj koloni se nalazi redni broj obrasca, u drugoj šifra polja F13 i F16, u trećoj broj koji odgovara zastupljenosti obrasca u oba jezika uzeta zajedno - apsolutna vrednost, u četvrtoj isto što i u trećoj - vrednost u procentima, u petoj koloni su navedeni tipovi složenica u oba jezika (s obzirom na formalnu površinsku strukturu) koji otelovljaju određeni značenjski obrazac, u šeštjoj koloni su dati brojevi (po opadajućoj vrednosti) koji odgovaraju broju javljanja određenog obrasca u engleskom jeziku - apsolutna vrednost, u sedmoj koloni isto što i u šestoj - vrednost u procentima, u osmoj brojevi koji odgovaraju broju javljanja određenog obrasca u srpskohrvatskom jeziku - apsolutna vrednost i u devetoj isto što i u osmoj - vrednost u procentima.

Rezultati dati u Tabeli 7.2 prikazani su grafički na Slici 7.1.

Najvažniji rezultat istraživanja koje se prikazuje u poglavlju 7. jeste taj da je po prvi put izrađen algoritam za identifikovanje reči sa **istovrsnim značenjem** ne samo u svakom pojedinom jeziku (na primer, **bootblack** i **cutpurse** u engleskom i **horovođa** i **biljober** u srpskohrvatskom) već i interlingvalno (uporedi, na primer, **bookbinder** i **kamenorezac**); po prvi put je, takođe, izrađen algoritam za identifikovanje **sinonima** unutar svakog pojedinog jezika (uporedi, na primer, **suck-bottle** i **sucking-bottle** ili **toothpick**, **tooth-picker** i **picktooth** u engleskom i **kućepazitelj** i **pazikuća** i **bogohulac**, **bogohulnik** i **bogohulitelj** u srpskohrvatskom); po prvi put je izrađen algoritam za identifikovanje sinonima interlingvalno (uporedi, na primer, **earthquake** i **zemljotres** i **bloodshed** i **par krvoliće** i **krvoproljeće**).

Rezultati, nadalje, pokazuju da se sve složenice razvrstavaju u ukupno 124 značenjske grupe: od toga engleske složenice u 100 (što je za 15.33% više od odgovarajućeg broja u srpskohrvatskom), a srpskohrvatske u 81 (vidi Tabelu 7.3).

**Tabela 7.1 Pregled reči istovrsnog značenja i sinonima u engleskom i srpskohrvatskom jeziku**

l1R072R022_P00	dish-washer	money-spinner
air_freshener	doorstop	moth_killer
air-condenser	doorstopper	mouthwash
air-cooler	egg_slicer	music-holder
air-regulator	egg-beater	nut_breaker
ant_killer	eye-opener	nut-cracker
axe-grinder	eye-wash	pain-killer
back-scratcher	firelighter	paper-cutter
bed-warmer	fire-extinguisher	paper-fastener
bell-pull	fish-strainer	paper-folder
boot-scraper	fly_killer	paste-cutter
bottle_holder	fly-catcher	pencil_eraser
bottle-washer	gas-detector	pencil-sharpener
brain-twister	gas-indicator	penwiper
breakwater	gas-regulator	pen-holder
break-wind	gas-washer	plate-holder
butter-cooler	hair_drier	port-stopper
butter-cutter	hair-restorer	position-finder
cake_cooler	hair-thickener	road-scraper
candle-lighter	hedge-trimmer	rock-breaker
cane-stripper	heel-cutter	rock-drill
can_opener	heel-fastener	rose-sprinkler
cardpunch	heel-trimmer	rush-holder
carpet_cleaner	hop-picker	salad_spinner
carpet-sweeper	ice-breaker	screwdriver
catchpenny	ink-eraser	sheep-wash
cheese_cutter	insect_killer	shell_cracker
cheese-slicer	kettle_clean	shell-breaker
cigarette-holder	key-finder	shoeshine
cigarette-lighter	kill-time	shoe-polish
circuit-breaker	knife-grinder	silk-winder
coffee_whitener	lawn-edger	space-heater
coffee-grinder	lawn-mower	spine-chiller
corn_cutter	lawn-sprinkler	stone-crusher
corn-crusher	lemon-squeezer	sword-breaker
cotton-chopper	metal_detector	table-cover
cotton-opener	metal_locator	table-spread
cotton-picker	minelayer	ticket-punch
cow-milker	minesweeper	time-keeper
cutwater	mine_detector	tin-opener
dish-cover	moisture-holder	tobacco-stopper

tongue-twister	minolovac	vunomer
toothwash	minolovka	zlatotopka
trouser-stretcher	minonosac	zzuchovod
turn-screw	minopolagach	zzuchovodnik
water-cooler	misholovka	COUNT= 212
water-softener	mishomor	
weed-killer	mlekovod	10R072_P02
wind-break	mokraccovod	air-condensing
wine-cooler	mostobran	air-cooling
wool-picker	muvomor	space-heating
bachvomer	munjovod	water-cooling
benzinomer	muvolovka	grizodushe
biljobran	naftovod	COUNT= 5
bokobran	pacolovka	
brodobran	pantalodrzac	20R042_P00
bubomor	parovod	air-flow
buvomor	plinomer	cloudburst
daljinomer	plinovod	cloud-drift
daljnomer	putokaz	daybreak
daljomer	razbibriga	daypeep
drvomer	rukobran	dew_fall
dubinomer	semenovod	earthquake
gasovod	semevod	earth-shaking
glavonosha	silomer	fire_break
grudobran	suncomer	flesh-quake
gustinomer	suzovod	heart_beat
jajovod	taktomer	heart-break
kazziput	toplomer	heart-quake
kazzivtar	toplonosha	ice_falling
kiselinomer	toplovod	ice-drift
kishomer	tunolovka	ice-fall
kitolovka	uglomer	ice-quake
klicomor	vetrokaz	landslide
klicožder	vetrolom	landslip
krivinomer	vetromer	moonrise
kuglomer	vetrovod	nightfall
ledjobran	vinomer	nosebleed
ledolom	visinomer	rainfall
ledolomac	vodokaz	rain_burst
ledorez	vodomer	rock-fall
mamipara	vodonosac	sea-quake
minobacach	vodooodvodnik	snow_slide
minochistach	vodovod	snow_slip

snow-drift	book-collector	egg-gatherer
snow-fall	book-keeper	engine-driver
star-drift	bootblack	fashion-setter
sunrise	border-crosser	fetch-water
sunrising	bottle-washer	fig-picker
sunset	box-keeper	fire-eater
sun-setting	breadwinner	fire-fighter
thunder_burst	bread_seller	fire-watcher
waterfall	bricklayer	flesh-taster
water-flow	brick_pointer	flower-grower
water-quake	brick-burner	fortune-teller
brodolom	brick-setter	fox-hunter
kosopadica	bridge-keeper	fruit_grower
krvoliptanje	bridge-tender	game-keeper
krvotok	buffalo-hunter	gas-fitter
suzotek	bullfighter	gate-keeper
vodopad	bull-baiter	gate-tender
vodoskok	bus-driver	gem-cutter
vodotechina	candle-lighter	glass-blower
vodotechje	cash-keeper	glass-cutter
vodotek	chair_mender	glass-painter
vodotok	cheese_taster	goalkeeper
zemljotres	cheese_trier	goaltender
COUNT= 51	chess-player	gold-beater
	chimney-sweep	gold-finder
I3R072R062_P00	chimney-sweeper	gold-washer
ale-taster	clay-modeler	grave-digger
apple-grower	clock_keeper	green-keeper
babyminder	clock-watcher	hairdresser
barkeep	coal-burner	hay-grower
bartender	coal-digger	headshrinker
bar-keeper	coffee-grower	head-hunter
beekeeper	corn-grower	hop-picker
beer_brewer	cotton-picker	horse_keeper
bell-pusher	cow-keeper	horse-tamer
berry-picker	cutpurse	housekeeper
bird_trainer	cut-throat	house-cleaner
bird-catcher	dear-stealer	innkeeper
body-lifter	diamond-cutter	iron-founder
body-snatcher	dish-washer	knife-grinder
bone-setter	dog-catcher	lamp_lighter
bookbinder	door-keeper	letter-carrier
bookseller	eel-catcher	letter-cutter

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lime-burner	sound_mixer	wood-cutter
lorry_driver	sponge-fisher	wool-cleaner
mable-cutter	stage-driver	wool-dresser
machine-minder	stamp-collector	wool-packer
map-reader	stone-breaker	wool-sorter
melon-grower	stone-cutter	wool-washer
mind-curer	stone-dresser	zoo-keeper
mind-healer	street-cleaner	bakarorezac
moneychanger	street-keeper	bakrorezac
money-lender	street-sweeper	bakrorezar
money-taker	style-setter	biljober
music-seller	sugar-baker	biljobera
music-teacher	sugar-refiner	brodokovac
paper-hanger	sword-bearer	brodokovach
paper-mabler	sword-swallowe	brodotesach
paper-stainer	talebearer	brodovodja
park_keeper	taxi_driver	brodozavarivach
pattern-drawer	tax-collector	bubolovac
peace-keeper	tea-taster	chetovodja
penny_pincher	thief-catcher	domobran
pickpocket	thief-taker	drvodelac
pinchpenny	ticket-collector	drvodelj
potato_picker	torch-bearer	drvodelja
purse-snatcher	trend-setter	drvodeljac
rat-catcher	troubleshooter	drvokradac
rice-grower	type-cutter	drvokradica
road-mender	type-setter	drvoprodavac
scene-painter	vine-dresser	drvorezac
scene-shifter	water-carrier	drvorezach
school_keeper	water-finder	drvorezar
scissor-grinder	weight_watcher	drvosecha
seal-fisher	weight-lifter	drvosechac
share-cropper	wheat-grower	drvosek
sheep-keeper	wheel-cutter	drvostrugar
sheep-stealer	window-cleaner	glasonosha
shelf_filler	window-dresser	glavosecha
ship-breaker	window-washer	glavosechac
shoeblack	wine-grower	glavosek
shopkeeper	wine-taster	gochobija
silk-winder	wire-drawer	gorosecha
slop-seller	wire-puller	gorosechac
snake-charmer	witch-finder	gulikozza
soap-boiler	wood-carver	guskokradica

horovodja	kranovodja	staklorezac
ikonoborac	krstolom	strvoder
ikonorushilac	kuccehranitelj	sudopera
jamomerac	kuccepazitelj	sudopralja
jamomernik	kuccepaziteljica	sviloprelja
kamenodeljac	kuccepaziteljka	svinjogojac
kamenolom	kuchkoder	travoberica
kamenolomac	loncopera	vatrogasac
kamenorezac	loncadera	vatrometach
kamenorezach	machenosac	vatrometnik
kamenotesar	machenosha	vatrozzder
kartodrpac	machkoder	vinokradica
kartogrizac	machonosac	vodopronalazach
kashikovodja	machonosha	vrecconosha
kesokradica	mamipara	zemljodelac
kitolovac	marvogojac	zemljodelka
kljuchonosha	mashinovodja	zemljoradnica
knjigokradica	mazgovodac	zemljoradnik
knjigonosac	medvedolovac	zmijoed
knjigonosha	metalobrusach	zmijolovac
knjigovezac	metalobushach	zmijozzder
knjigvezach	metaloglodach	zverokradica
knjigvezica	metalorendisach	zveroukrotitelj
knjigovodja	metalorezac	COUNT= 342
knjigovotkinja	metalsavijach	
konjevodac	mironosica	10R072_P06
konjoder	mlekonosha	
konjodrzzac	pazikucca	ale-tasting
konjokradac	pechatorezac	apple-growing
konjokradica	pismomonsha	back-stretch
konjotrrzac	poljodelka	beekeeping
konjovodac	poshtonosha	beer_brewing
konjovodica	poslovodja	bell-pushing
konjovodja	poslovotkinja	berry-picking
kopljonosha	pravobranitelj	bicycle-riding
kotlokpr	pravobranilac	bloodshed
kotlokpra	ribokradica	blood_poisoning
kotlokpar	ribolovac	blood-giving
kozokradica	secikesa	bone-setting
kozzoder	shumokradica	bookbinding
kradikesa	slovolivac	book-collecting
kradikonjica	slovoslagach	book-keeping
kradikoza	stakloduvach	bootlicking

brick_pointing	fruit_growing	role-playing
bridge-keeping	fund-raising	roll-call
bridge-tending	gate-tending	rush-bearing
buffalo-hunting	gem-cutting	safe-keeping
bullfight	glass-painting	scene-painting
bullfighting	goaltending	seal-fishing
bull-baiting	gold-washing	shadow-fight
cash-keeping	gum-chewing	sheep-stealing
chair_mending	haircut	shoeshine
chess-playing	hairdressing	shopkeeping
clay-modeling	hair-cutting	slave-hunt
clock_keeping	hair-splitting	soap-boiling
clock-watching	handshake	soul-searching
coal-burning	hand_clasp	sponge-fishing
coal-consuming	hay-growing	stamp-collecting
coal-digging	headshake	stone-breaking
coffee-drinking	head-hunt	story-telling
coffee-growing	head-hunting	street-cleaning
corn-growing	horse_keeping	style-setting
cow-keeping	horse-taming	sugar-refining
devil-worshipping	housekeeping	sun-worship
diamond-cutting	house-cleaning	surf-riding
dirt-eating	house-warming	swine-keeping
dog_show	ill-doing	talebearing
dog-catching	image-breaking	tea-tasting
drumbeat	image-worshipping	time-killing
duck-hunting	inkshed	treasure-hunt
ear_piercing	lady-killing	trend-setting
eel-catching	land-grabbing	trouble-shooting
egg-gathering	leg_pulling	tuft-hunting
evil-doing	leg-pull	type-setting
face_reading	melon-growing	wage-earning
fault-finding	mind_reading	wage-freeze
fig-picking	mind-bending	wall-painting
fire-watching	mind-healing	wheat-growing
fire-worship	mind-reading	weight_lifting
flower-growing	money-lending	window-dressing
flower-show	peace-offering	window-washing
foot_washing	picture_framing	wine_tasting
fortune-telling	rat-catching	wine-growing
fox-chase	rat-hunting	witch-hunt
fox-hunt	rice-growing	woodcut
fox-hunting	road-mending	wood-carving

wood-cutting	kraljeubistvo	music-lover
wool-combing	kraljoubistvo	peace-lover
wool-gathering	kravogojstvo	pleasure-lover
word-splitting	krstolom	basnoljubac
wrong-doing	krvolicce	bogoljub
bakarerez	kromutnja	bogoljubac
bakredez	kropolicce	bogomrzac
bakreza	ljudomorstvo	bogomrznik
bogohula	ljudozzderstvo	bogozzalac
bogohulstvo	marvogojshtvo	bratomrzac
bogohvalstvo	materoubistvo	chovekoljub
bogopsovka	poljodelstvo	chovekoljubac
brakolomstvo	poslovodjstvo	chovekomrzac
bratoubistvo	raspikuccstvo	dangubnik
chovekomorstvo	ribolov	dangub
deteubistvo	ribolovstvo	danguba
drvocep	strvoderstvo	dangubac
drvodelje	suzoprolicce	dangubash
drvodeljstvo	svinjogojshtvo	dangubdzija
drvomerstvo	svinjokolja	dangubnica
drvorez	tunjolov	dangubnjak
drvarezanje	tunolov	dobroljubac
drvarezba	vatrogastvo	domoljub
drvosecha	vatromet	domoljubac
glavosechenje	vetrogonjstvo	domoljupka
glavosechje	vetrogonstvo	dushegub
gorosecha	vinober	dushegubac
gulikoshtvo	vinobera	dushegubnica
ikonoborstvo	vinoberje	dushegubnik
ikonorez	vratolomstvo	dushogubac
kamenorestvo	zemljodelstvo	gostoljubac
kitolov	zemljoradnja	gostoprimac
kitolovstvo	zlatorez	gubidan
kliconoshtvo	zverokradja	gubidusha
klimoglav	zverokradstvo	gubivremenka
kmetoderstvo	zzenomorstvo	gubodusha
knjigovestvo	COUNT= 224	gubodushnica
knjigovez	22R102R042_P00	gubodusnik
knjigovodjenje	animal-lover	istinoljubac
knjigovodstvo	bird-lover	knjigoljub
konjokradja	flower-lover	knjigoljubac
konjopoj	freedom-lover	knjigomrzac
konjovodstvo		konjoljub

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konjoljubac	zloslutnja	whetstone
koristoljubac	zlovidjenje	wringing-machine
miroljubac	zzenoljublje	heft-mashina
miroljubitelj	COUNT= 21	kazziprst
miroljubiteljka		palidrvce
mrzisvet	IIR022_P07	COUNT= 42
pravdoljubac	answerphone	
slobodoljubac	blotting-paper	13R052R062_P00
srebroljubac	brushing-machine	arrow-maker
tiranomrzac	carving_fork	bed-maker
vinoljubac	carving_knife	boat_builder
vlastoljubac	catchword	bootmaker
zlatoljubac	catch-phrase	bread_maker
zloslut	composing-machine	brickmaker
zlosluta	draining_board	broom-maker
zloslutica	drawing-machine	brush-maker
zloslutnica	drilling-machine	butter_maker
zloslutnik	folding-machine	button_maker
zlozzelitelj	grinding-wheel	cabinet-maker
zzenoljub	grindstone	candle_maker
zzenoljubac	guide-book	candy_maker
zzenomrzac	magnifying_glass	canoe-maker
COUNT= 69	mixing-machine	canvas-maker
20R102_P04	polishing-paste	car_maker
animal-loving	polishing-powder	cereal-maker
freedom-loving	polishing-slate	chain_maker
peace-loving	printing-machine	chair_maker
bogoljublje	rolling-machine	cheese_maker
bogoljupstvo	scratch-brush	chocolate-maker
bratoljublje	scrubbing-brush	cigar_maker
bratoljupstvo	sealing-wax	clog_maker
danguba	sewing-machine	cloth-maker
dobroljublje	sink-stone	coachbuilder
gostoljublje	spinning-wheel	coach_maker
gostoprimstvo	thrashing-machine	coffee-producer
istinoljublje	warming-pan	coffin_maker
miroljublje	washing_cream	costume_designer
pravdoljublje	washing-blue	cradle_maker
vlastoljublje	washing-machine	cream-maker
zloslut	washing-powder	cross-maker
zlosluta	washing-soda	die_maker
zloslutica	wash-ball	doll_maker
	weighing-machine	dress-maker

felt_maker	brodogradilac	I1R011_P06P07
film_maker	brodograditelj	bake-house
flymaker	chlankopisac	booking-hall
furniture-maker	firmopisac	booking-office
gag-writer	ikonopisac	breeding-ground
glove-maker	pesmotvorac	call-box
gum_maker	stihoklepac	catch-basin
gunmaker	stihopisac	catch-pit
harness-maker	stihotvorac	change-room
hat_maker	stihotvorka	changing-room
hay-maker	COUNT= 88	check-point
heel-maker		cookhouse
hook_maker	20R011_P00	dance-hall
house-builder	backache	dipping-well
lace_maker	bellyache	drawing-board
letter-writer	ear-ache	drawing-paper
model_maker	face-ache	drawing-room
net_maker	headache	drop-zone
news-writer	heartache	eating-house
novel-writer	toothache	eating-place
paper-maker	bedrobolja	filtering-basin
parchment-maker	dushobolja	filtering-tank
pattern-designer	glavobolja	hiding-place
pattern-maker	grudobolja	hunting-field
picture_maker	gushobolja	hunting-ground
posture-maker	jetrobolja	ironing-board
pottery-maker	kostobolja	landing-field
prose-writer	kukobolja	landing-place
road-maker	mozgobolja	looking-glass
rope-maker	prsobolja	pay-box
script-writer	rukobolja	pay-desk
scythe-maker	slezinobolja	pay-office
shipbuilder	srcobolja	pay-room
shoemaker	trbobilja	playcentre
soap-maker	umobolja	playground
stay-maker	ustobolja	playing-field
tool_maker	uvobolja	playroom
trunk-maker	vratobolja	play-school
verse_maker	zglobobolja	posting_box
violin-maker	zubobil	printing-house
watchmaker	zubobilja	printing-office
basnopisac	COUNT= 28	printing-paper
basnotvorac		reading-desk

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reading-room	drawing-pin	scratch_board
recording-studio	draw-bar	scrubbing-board
riding-school	drinking_straw	scrub_board
scribbling-pad	driving-licence	searchlight
showroom	driving-wheel	shaving_cream
smoke-house	feeding-bottle	shaving-brush
sticking-place	feeding-tube	shaving-soap
sticking-point	fish-hook	spy_plane
teaching_hospital	frying-pan	spy_satelite
thrashing-floor	greeting_card	spy-dust
try-pit	holding_fee	spy-glass
washing-house	hunting-cog	spy-hole
wash-basin	hush-money	spy-tower
wash-bowl	icing-sugar	spy-window
wash-house	knitting-needle	steering-wheel
wash-pool	paving_stone	sucking-bottle
wash-pot	playing-card	suck-bottle
wash-room	plaything	toasting-fork
wash-tub	printing-ink	touring-car
watering-place	reading_glove	tracing_paper
watering-pool	reading-glass	tuning-fork
kopir-centar	reading-lamp	washing-board
COUNT= 64	reading-light	wash-cloth
	riding-boot	watch-tower
11R021_P06P07	riding-breeches	watering-can
bake-stone	riding-cloak	watering-cart
baking-powder	riding-clothes	watering-pot
baking-soda	riding-coat	wrapping-paper
blowgun	riding-glove	pak-papir
blowpipe	riding-habit	spomen-knjiga
boxing-glove	riding-hood	spomen-kosturnica
call_button	riding-master	spomen-plocha
call-bell	riding-robe	COUNT= 93
carrycot	riding-skirt	
cooking-oil	riding-suit	11R021_P06
curling_iron	riding-whip	bathing_cap
curling-stone	rocking_horse	bathing-costume
dancing_shoe	rocking-chair	bathing-dress
dip-net	rolling-pin	bathing-machine
drag-bar	rubbing-stone	bathing-suit
drawing-frame	rubstone	diving_board
drawing-pen	scalping-knife	fishing-boat
drawing-pencil	scanning-disk	fishing-line
		fishing-net

fishing-rod	dirt-eater	profit_seeker
go-cart	do-gooder	saw-bones
jogging_shoe	evil-doer	scattergood
password	faith-breaker	scare-crow
running_shoe	fashion-follower	scatter-brain
running-board	fault-finder	spin-text
shooting-jacket	fault-reader	spoil-sport
skateboard	fire-raiser	stop-gap
skimming-dish	fire-worshipper	story-teller
speaking-trumpet	fish-eater	suck-thumb
speaking-tube	fly-catcher	sun-worshipper
springboard	foot-licker	table-thumper
surfing-board	fortune-hunter	tale-teller
surf-board	frog-eater	tea-drinker
surf-boat	fund-raiser	tell-tale
surf-canoe	good-doer	time-killer
swear-word	gum-chewer	toad-eater
swimsuit	hair-splitter	treasure-hunter
walking_boot	hand-shaker	tuft-hunter
walking-cane	hangdog	turncoat
walking-part	heartbreaker	turnkey
walking-shoe	home-seeker	turnskin
walking-staff	image-breaker	turn-penny
walking-stick	image-worshipper	wage-earner
workbag	joy-killer	water-drinker
workbasket	kill-devil	wine-drinker
workbox	kill-joy	wrong-doer
COUNT= 36	king-killer	badnjonosac
	lady-killer	bakcilonosha
12R072R062_P00	land-grabber	bakljonosha
beer_drinker	law-breaker	bichenosac
bicycle-rider	leg-puller	blagonosac
bird-watcher	lotus-eater	bogogrđnik
bone-breaker	manslayer	bogohulac
bootlick	man-eater	bogohulitelj
bootlicker	mind_reader	bogohulnica
break-bones	money-grubber	bogohulnik
bribe-taker	path-finder	bogohval
coal-consumer	peace-breaker	bogohvalka
coffee-drinker	peace-seeker	bogopsovac
cross-bearer	place-hunter	brakolomac
dare-devil	pleasure-seeker	brakolomka
devil-worshipper	prize-winner	brakolomnica

brakolomnik	ispichutura	lizzilonac
bratoprgnanik	izjedipogacha	lizzisanhan
bratoubica	kesizub	lizzisahanka
bremenoshha	kezizub	ljudomora
budzenosac	klaselovac	ljudomorac
budzonosac	klasoher	ljudozzder
cepidlaka	klasoberka	loncoliz
chabronosha	klasolovac	luchonosha
chankoliz	kliconosha	luftiguz
chankoliza	klimoglavac	machkojed
chankolizac	klupoder	mastibrk
chedomor	klupodera	materoubica
chedomorac	kmetoder	mironosac
chedomorka	kolovodja	mironosnica
chedoubica	kolovodjica	mitronosac
chistikucca	konjomora	mitronosha
chorbolok	kostolomac	mlatipara
chuturoispilac	kozzoder	mlatishuma
deriklupa	kozzoderac	mlatislama
derikozza	kozzodera	mutikasha
deteubica	kraljeubica	mutimir
dimopija	kraljoubica	mutivoda
dizzinos	krivikapa	muzikrava
domobran	krstonosac	muzzoubica
dushovadnica	krstonosha	noktogriz
dushevadnica	krstonoshac	oceubica
dushevadnik	krunonosac	palikucca
dushovadnik	krunonosha	pirivatra
gladibrk	krvolok	pivonosha
gladikosa	krvomut	pivopija
glavosecha	krvomutnica	probigora
glodjikorica	krvomutnik	probisvet
gonivetar	krvopija	raspikucca
gradonosac	krvopijac	ribozzder
grbonosha	krvopilac	ruchkonosha
gulikozza	krvopilica	rushimir
hlebojedja	krvopilnica	skiptronosac
hlebonosha	krvoprolitnica	skutonosha
hlebozzder	krvoprolitnik	slepchovodja
hlebozzderka	krvozzder	srcopija
hrtovodja	kupimrvichar	sudopera
ikonosha	ledolomac	sveconosha
ispichasha	lizguz	svinjozzder

svrzikapa	zlatonosha	tube-spinner
svrzimantija	zubochupach	vine-fretter
tarikamen	zzaboder	woodpecker
tarizdela	zzabojed	worm-eater
tecikucca	zzabojedac	biljojed
vatronosha	zzabozzder	biljojedac
vencenosac	zzenomorac	biljazzder
venconosac	COUNT= 278	biljazzderac
venconosha		buboqed
vetrogonica	14R072R062_P00	buboqedac
vetrogonja	bee-eater	bubozzder
vezzikesa	blood-sucker	buvolovac
vinolija	cane-killer	buvoskupljach
vinonosha	catchfly	dlakojed
vinopija	cherry-chopper	drvobushac
vinosrk	cherry-sucker	drvcep
vinotocha	cotton_stainer	drvogriz
vodolija	crab-catcher	drvoked
vodolok	crab-eater	drvokedac
vodonosha	drop-seed	drvokedetka
vodopija	egg-sucker	drvomor
vodopijac	flame-bearer	drvomora
vodopilac	fly-catcher	drvotoch
vologonac	gnat-catcher	drvotocha
vologonja	grave-digger	drvotochac
vologonjac	honeysucker	drvozzder
volovodac	honey-eater	drvozzderac
volovodica	lantern-bearer	gazivoda
volovodja	lantern-carrier	glistomor
vrtiluz	leaf-cutter	gulibrada
vrtiluga	leaf-roller	gulibradina
vtikapa	nutcracker	insektoqed
vtirep	nutpecker	insektozzder
vtirepka	ox-biter	jagodozzder
zakonosha	oyster-catcher	jajopija
zarnetikavga	plant-cutter	kamenolom
zametakavga	seed-eater	kazziput
zametnikavga	sheep-biter	klujidrv
zastavonosha	ship-holder	knjigotoch
zatrikucca	spider-catcher	konjoder
zdeloliz	stone-eater	kostober
zdelonosha	suck-egg	kostobera
zemljojed	toad-snatcher	kostoberina

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kostozder	znozzderica	dancing_bear
kozzoderac	znozzderka	hunting-ant
kukcojed	zzabogut	hunting-dog
kukcojedac	zzilogriz	hunting-spider
kukcozzder	zzilozzdera	mocking-bird
kukcozzderac	COUNT= 124	mock-bird
kukcozzderka		singing-bird
medojed	13R021R062_P07	sucking-pig
medonosnica	belly_dancer	suck-fish
mesojed	card_player	watch-dog
mesozzder	piano-player	crvotok
mesozzderac	swordplayer	strizibuba
mesozzderka	toe-dancer	strizzibuba
misholovac	violin-player	COUNT= 17
misholovica	rukodelac	
misholovka	rukodelja	11R072R021_P06
medopija	COUNT= 8	bird-call
mravojed		cake_server
mravojedac	10R021_P06P07	coat_hanger
mravolovac	belly-landing	cocktail-shaker
mravozzder	hand-work	ear-pick
mravozzderac	hand-working	ear-picker
muvomorka	lead-poisoning	eyeliner
muvozzder	mercy_killing	fiche_reader
plodonosha	phone_call	flyswatter
plodozzderac	piano-playing	hairgrip
pticolovac	skirt_dancing	paper-washing
ribolovka	swordplay	picktooth
rogonosha	sword-dance	saltshaker
sporonosha	torch-dance	toothpick
strvozzderac	wax-painting	tooth-picker
travojed	nogomet	water-carrier
travozzder	rukodelstvo	brkomaz
vodolok	rukomet	brkovez
vodopija	vodopoj	guzobris
volovodac	zlatovez	kitolovac
vratolom	COUNT= 17	kolomaz
zmijojed		konjovez
zmijozzder	14R062_P07	sudopera
zrnojed	bindweed	tunolovac
zrnojedac	call-bird	COUNT= 24
zrnozzder	catchweed	
zrnozzderac	cutworm	24R082_P00

blazing-star	10R052_P06	money-making
glow-worm	boat_building	net_making
stinkhorn	body-building	paper-making
stinkweed	bootmaking	peace_making
stink-bird	brickmaking	picture_making
stink-wood	butter_making	road-making
smrdibaba	button_making	rope-making
smrdibuba	cabinetmaking	shipbuilding
smrdivrana	candle_making	shoemaking
smrdovrana	candy_making	town-planning
smrdovranka	canoe-making	verse-making
COUNT= 11	canvas-making	watchmaking
	car_making	word-building
24R042_P00	castle_building	brodogradjenje
bleeding-heart	cereal-making	brodogradnja
floating_grass	chain_making	chudotvorstvo
quaking-grass	chair_making	dobrochinstvo
rattlesnake	cheese_making	dobrotvorstvo
swell-fish	chocolate-making	ikonopis
swell-shark	cigar_making	ikonopisanje
swingtree	clog_making	kotlogradnja
weeping-birch	coach_building	mashinogradnja
weeping-elm	coach_making	mirotvorstvo
weeping-tree	coffee-producing	pesmotvorstvo
weeping-willow	coffin_making	shtetochinstvo
visibaba	cradle_making	stihoklepanje
visistarac	cream-making	stihotvorstvo
COUNT= 13	cross-making	zakonotvorstvo
	die_making	zlochin
12R072R062_P10	dress-making	COUNT= 71
blood-giver	empire-building	20R122_P03
bribe-giver	felt_making	boat-owning
law-giver	film_making	car-owning
poslodavac	furniture-making	house-owning
savetodavac	glove-making	inn_holding
vlastodavac	gum_making	land-holding
vlastodavka	harness-making	land-owning
zajmodavac	hat_making	slave-holding
zakonodavac	hay-making	slave-owning
zakonodavalac	house-building	COUNT= 8
zakonodavka	lace_making	22R122R032_P00
COUNT= 11	match-making	
	model_making	

boat-owner	lifting-gate	chair-warmer
card-holder	lift-bridge	onion-holder
car-owner	lift-gate	sky-scraper
coal-owner	punch-ball	spit-fire
householder	push-bicycle	stickjaw
house-owner	push-bike	stop-gap
inn-holder	push-button	tearjerker
land-holder	push-cart	derigusha
land-owner	push-chair	gulivrat
mine-owner	push-cycle	kozomor
ship-owner	revolving_door	kozomorac
slave-holder	riding-horse	kozzoder
slave-owner	roasting-chicken	neboder
titleholder	rowing-boat	oblakoder
vlastodrzac	row-barge	razbiguz
zemljedrzac	row-boat	razvigor
zemljodrzac	show-place	razvigorac
zemljoposednica	skipping-rope	COUNT= 20
zemljoposednik	slip-coach	
COUNT= 19	slip-knot	11R072R011_P06
11R072_P06	slip-shoe	book-bindery
boiling-chicken	smelling_salt	car-park
chewing-gum	spending-money	diamond-breaker
chewing-tobacco	stewing-steak	gold-wash
cooking-cheese	sticking-plaster	gold-washing
dip-stick	stop-watch	salt-lick
drag-net	sweep-net	sugar-refinery
drawbridge	swing-bridge	bakrorezaonica
drawing-bridge	swing-door	bakroreznica
drawing-knife	throwing-stick	drvocep
drawing-table	throw-stick	drvodeljnica
drawstring	thrust-hoe	drvoreznica
draw-knife	touch-screen	drvosek
draw-net	turn-bridge	glinokop
drinking_chocolate	turn-table	kamenolom
drinking-water	lozz-ulje	kamenoreznica
drop_seat	naliv-pero	kitolovishte
drop-curtain	COUNT= 58	knjigoveznica
drop-hammer	12R072R022_P00	kolovoz
frying-steak	bone-shaker	kozzodernica
grilling-steak	breakneck	pechatoreznica
lifting-bridge	break-jaw	ribolovishte
		rudokop

senokos		chudotvorka
senokosha	11R091_P06P07	chudotvornik
slovolivnica	call-day	dobrochinac
staklorenzna	check-time	dobrochinilac
strvodernica	feeding-time	dobrochinitelj
sudoper	pay-day	dobrochiniteljka
sudopera	pay-night	dobrochinka
ugljenokop	pay-week	dobrochniteljica
vinotoch	playtime	dobrotvor
vinotochje	play-day	dobrotvorac
COUNT= 33	washing-day	dobrotvorka
	wash-day	jezikotvorac
	push-pauza	mirotvorac
10R011_P06P07	spomen-dan	mirotvorka
bush_fighting	COUNT= 12	shtetochina
corner-kick		shtetochinac
ice-dance	21R042R011_P00	shtetochinitelj
rope-dancing	candle_stand	zakonopisac
wire-dancing	cruet-stand	zakonotvorac
COUNT= 5	hat_stand	zlochinac
	ink_stand	zlochinilj
13R011R062_P07	COUNT= 4	zlochinka
bush-fighter		zlotvor
ice-dancer	11R011R022_P07	zlotvornica
rope-dancer	cassette_recorder	zlotvornik
sea-robber	tape_recorder	COUNT= 40
stage-player	COUNT= 2	
street_beggar	12R052R062_P00	13R011R062_P00
wire-dancer	castle-builder	cave-diver
COUNT= 7	empire-builder	ice-skater
	holidaymaker	rope-walker
13R062_P07	image-maker	sea-fisher
call-boy	law-maker	sea-poacher
cleaning_lady	make-peace	sea-rover
cleaning_woman	match-maker	shop-walker
dancing-girl	mischief-maker	sky-diver
draw-boy	money-maker	wire-walker
hangman	peacemaker	COUNT= 9
sewing-maid	rain-maker	
wash-maid	trouble-maker	22R012R042_P00
wash-man	way-maker	cave-dweller
wash-woman	chudotvor	town-dweller
watchman	chudotvorac	COUNT= 2
COUNT= 11		

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	ice-skating	float-gold
I2R102R062_P00	moon_walk	float-mineral
chapelgoer	sea-bathing	float-ore
church-goer	sea-fight	float-quartz
concertgoer	sea-fishing	float-stone
picture-goer	sea-roving	folding-door
star-gazer	shore-shooting	shooting-star
theatre-goer	sky-diving	sleeping-partner
bogomolja	sky-jumping	COUNT= 17
bogomoljac	space_walk	
bogomoljka	stage-playing	11R111_P06P07
bogomolnik	street-walking	dancing-partner
djavolomoljac	surf-bathing	playfellow
COUNT= 11	table-talk	playmate
	water-skiing	pevidrug
24R021_P04	COUNT= 22	COUNT= 4
chokeberry		
choke-apple	11R021_P06P10	10R091_P06
choke-cherry	climbing-boot	day_work
choke-pear	scaling-ladder	night-walk
choke-weed	COUNT= 2	night-walking
sneeze-weed		night-wandering
sneeze-wood	10R062_P00	night-warbling
COUNT= 7	cock-crow	night-watch
	cock-crowing	night-watching
10R102_P06	COUNT= 2	night-work
church-going		COUNT= 8
home-coming	10R062_P07	
rock-climbing	cock-fight	13R091R062_P00
shopbreaking	cock-fighting	day_worker
shore-going	shadow-fight	night-worker
star-gazing	COUNT= 3	COUNT= 2
bogomolja		
COUNT= 7	22R042_P00	11R011_P06
	cry-baby	dining_car
10R011_P06	drag-anchor	dining_room
class_work	driftice	dining_table
farm_work	driftweed	dining-hall
field-work	driftwood	gambling_house
fire-walk	drift-anchor	peep-hole
fire-walking	drift-net	runway
homework	falling_star	shooting-gallery
housework	float-copper	smoke-room

smoking_room	13R021R062_P00	vetrobran
spit-box	fly-fisher	COUNT= 13
swimming-pond	ski-runner	
swimming-pool	wind-surfer	22R021_P04
workbench	COUNT= 3	giggle-smoke
workroom		stumbling-block
workshop	10R021_P06	stumbling-stone
work-table	fly-fishing	COUNT= 3
COUNT= 17	glass_work	
	hand_clap	14R011R062_P00
11R081_P06P07	pillow-fight	grasshopper
draw-well	ski_jump	leaf-hopper
reading-book	ski-jumping	road-runner
COUNT= 2	ski-running	rock-hopper
	strahovlada	sand-hopper
12R062_P07	COUNT= 8	tree-hopper
drinking-man		COUNT= 6
hunting-party	13R062_P00	
jedibaba	gambling-man	20R011_P04
kudibaba	jump_jockey	handstand
tuzzibaba	sneak-thief	headstand
COUNT= 5	working-class	shoulder_stand
	working-man	town-living
21R012_P04	working-woman	water-breathing
dwelling-house	workman	moreplovstvo
dwelling-place	work-people	vazduhoplovstvo
COUNT= 2	work-woman	COUNT= 7
	keshboj	
20R082_P00	COUNT= 10	10R021_P06P05
earth-shine		handwriting
sky_shine	11R021R022_P07	picture-writing
starshine	gas-heater	type-writing
sunshine	paper-feeder	word-painting
COUNT= 4	vacuum-cleaner	rukopis
	blatobran	rukotvorstvo
12R011R062_P00	cevovod	shakopis
fire-walker	iglodrkalo	COUNT= 7
sea-bather	kamenobran	
space_walker	kishobran	12R021R062_P07
street-walker	ledobran	hand-worker
surf-bather	snegobran	word-painter
COUNT= 5	suncobran	bichobija
	vatrobran	rukovodilac

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zlatotkach		wish-bone
COUNT= 5	10R062_P00	COUNT= 16
	humming-bird	
11R062R011_P00	rove-beetle	11R052R021_P06
hen-run	screech-owl	letter-writer
sheepwalk	walking-fish	money-maker
sheep-run	walking-toad	sandwich_maker
COUNT= 3	letizzaba	COUNT= 3
	skochibuba	
12R101R062_P00	COUNT= 7	21R011_P04
home_comer		living_room
prize-fighter	11R021R022_P05	testing-place
space-treveller	ink-writer	resting-room
ikonopoklonik	type-writer	rest-room
krstopoklonik	COUNT= 2	sitting-room
COUNT= 5		sleeping-bag
	14R021R062_P07	sleeping-car
14R101R062_P07	insect-feeder	sleeping-coach
honey-guide	seed-feeder	standing-ground
medovodja	COUNT= 2	standing-place
COUNT= 2		standing-room
	10R081_P06	waiting-list
14R021R062_P10	jailbreak	waiting-room
hook-climber	prison-breaking	wait-list
root-climber	shop-lifting	COUNT= 14
COUNT= 2	COUNT= 3	
13R101R062_P00	21R021_P04	12R091R062_P00
housebreaker	laughing-gas	night-walker
pearl-diver	laughing-stock	night-wanderer
prize-fighter	sleeping_tablet	COUNT= 2
safebreaker	sleeping-pill	
duhoborac	sleeping-suit	13R091R062_P07
COUNT= 5	sneeze-box	night-watch
	sob-story	night-watcher
10R101_P06	sob-stuff	COUNT= 2
housebreaking	swingboat	13R111_P06P07
prize-fight	wishing-bone	playboy
prize-fighting	wishing-cap	play-girl
space-travelling	wishing-gate	COUNT= 2
duhoborstvo	wishing-stone	
ikonopoklonstvo	wishing-tree	12R081R062_P00
COUNT= 6	wishing-well	prison-breaker

bezzisvet	bakropis	
COUNT= 2	COUNT= 2	10R022_P07
		trumpet-call
12R021R072_P00	10R091_P06P07	jadomor
rain-wash	spring-cleaning	vetrolom
river-drift	letosech	vetromet
COUNT= 2	zimosech	vetrometina
	COUNT= 3	vodoplav
22R011R041_P00	21R042_P00	zimomora
rattle-brain	standing-bed	zimomorje
rattle-head	standing-bowl	COUNT= 8
rattle-pate	standing-cup	
COUNT= 3	COUNT= 3	11R062_P00
11R091_P06		walking-gentleman
rush_hour	11R081_P06	walking-lady
walking-day	starting-point	COUNT= 2
wander-year	starting-post	
working-day	COUNT= 2	24R011R042_P00
work-day	22R082_P00	water-breather
COUNT= 5	stinkstone	hladolezz
12R022_P00	smrdibuba	COUNT= 2
shooting-iron	COUNT= 2	14R052R062_P00
letivtar		wax-maker
vetropir	12R022R072_P00	shtetochina
vetropirka	sunburn	COUNT= 2
COUNT= 4	windburn	
12R011R062_P07	windfall	12R062_P00
shore-shooter	snegolom	workhorse
busogrudadzija	vododerina	skochidevojka
chelovodja	vodoplavina	COUNT= 2
COUNT= 3	vodoplavlje	
12R072_P06	zimomornica	11R111_P06
skim-milk	zimomornik	work-fellow
ccushkapa	COUNT= 9	work-mate
shorkapa	14R102R062_P00	COUNT= 2
COUNT= 3	tree-creeper	11R011_P06P05
10R011_P06P05	bogomoljka	writing_room
sky-writing	suncogled	writing-book
	suncokret	writing-desk
	COUNT= 4	writing-paper

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writing-table	vodoljubac	vazduhovplovac
COUNT= 5	zloslut	COUNT= 2
	zlosluta	
11R021_P06P05	zloslutica	21R111_P04
writing-ink	COUNT= 7	plachidrug
writing-master		plachidraga
COUNT= 2	11R021R011_P06P07	COUNT= 2
	gladomornica	
12R011R072_P06	vodorechilishte	10R071_P06P05
bakarorez	COUNT= 2	putopis
bakrorez		zemljopis
drvorez	22R011R042_P00	COUNT= 2
COUNT= 3	hladolezz	
	kutolezz	11R021R072_P06
13R011R062_P05	kutolezza	rukodrzzach
bakropisac	trniguz	rukohvat
kamenopisac	COUNT= 4	COUNT= 2
COUNT= 2	22R102R042_P08	12R021R052_P06
22R021R042_P00	kamatoprimalac	rukotvor
bogobojac	posloprimac	rukotvorina
ochevidac	zajmoprimeac	umotvor
COUNT= 2	zajmoprimalac	umotvorina
	COUNT= 4	COUNT= 4
11R102R011_P06		
bogomolja	12R072R091_P06	13R021R062_P05
bogomoljishte	kolovoz	rukotvorac
COUNT= 2	mesojedje	rukotvornik
	COUNT= 2	COUNT= 2
12R062R072_P00		
buvojedina	12R091R072_P06	22R042R011_P00
crvotoch	letosech	slanopadja
crvotochina	zimosechina	snegopadina
kratorovina	COUNT= 2	COUNT= 2
kratorvinjak		
mishojedina	22R042R091_P00	12R022R011_P07
zmijojedina	listopad	vetrobitina
COUNT= 7	vrhopuc	vetromet
	COUNT= 2	vetrometina
24R102R042_P00		vodoplav
danguba	23R011R042_P00	vodoplavina
drvoljub	moreplovac	vodoplavje
vodojub		COUNT= 6

	zajmodavstvo	zajmotrazzitelj
12R072R011_P06	zakonodavstvo	COUNT= 3
vratolom	COUNT= 2	
vratolomija		11R101R022_P07
COUNT= 2	12R072R062_P08	zemljovod
	zajmotrazzac	zemljovodnik
10R072_P06P10	zajmotrazzilac	COUNT= 2

Tabela 7.2 Obrasci imeničkih složenica sa glagoškom komponentom u engleskom i srpskohrvatskom jeziku (I)

OBRAZAC	T (ABS)	TIP (%)	E (ABS)	E (%)	S	
					(ABS)	(%)
1. 13R072R062_P00	343	13.57	197	12.91	146	14.59
			bootblack			
			bookbinder			
			cutpurse			
					kamenorezac	
					kamenorezač	
					bakrorezar	
					horovodja	
					zemljoradnik	
					kućepazitelj	
					kućepaziteljica	
					kućepaziteljka	
					konjokradica	
					biljober	
					pazikuća	
					kradikonjica	
2. 10R072_P06	224	8.86	150	9.83	74	7.39
			bloodshed			
			apple-growing			
			drvarez			
			bogohula			
			bogopsovka			
			drvorezanje			
			drvorezba			
			zemljoradnja			
			svinjogojstvo			
3. 11R072R022_P00	212	8.39	132	8.65	80	7.99
			mouthwash			
			air freshener			
			break-wind			

OBRAZAC	T		TIP		E		S	
	(ABS)	(%)		(ABS)	(%)	(ABS)	(%)	
			grudobran glavonoša mišolovka ledolomac minobacač vodoodvodnik kažiput mamipara					
4. 11R021_P06P07	93	3.68	89	5.83	4	0.40		
			suck-bottle sucking-bottle					
			pak-papir bootlick tale-teller tell-tale do-gooder					
5. 12R072R062_P00	278	11.00	83	5.44	195	19.48		
			domobran bogohulac bogohulnik bogohulitelj bratoubica bogohulnica klasoberka krvopija kožoderac derikoža glodjikorica kupimrvičar					
6. 13R052R062_P00	88	3.48	66	4.33	12	1.20		
			brickmaker					
			stihotvorac stihotvorka brodograditelj					
7. 11R011_P06P07	64	2.53	63	4.13	1	0.10		
			bake-house ironing-board					

OBRAZAC	T	TIP	E	S		
	(ABS)	(%)	(ABS)	(%)	(ABS)	(%)
8. 11R072_P06	58	2.30	56	3.67	2	0.20
			kopir-centar drawbridge drawing-bridge			
9. 10R052_P06	71	2.81	55	3.60	16	1.60
			lož-ulje brickmaking			
10. 20R042_P00	51	2.02	39	2.56	12	1.20
			brodogradjenje brodogradnja mirotvorstvo zločin earthquake sun-setting			
11. 11R022_P07	42	1.66	39	2.56	3	0.30
			zemljotres krvoliptanje vodotečina kosopadica answerphone blotting-paper			
12. 14R072R062_P00	124	4.91	37	2.42	87	8.70
			heft-mašina palidrvce fly-catcher catch-fly			
			drvojed drvojedac buvoskupljač drvojetka žiloždera zrnožderica vodopija kostoberina kažiput			

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OBRAZAC	T (ABS)	TIP (%)	E (ABS)	E (%)	S (ABS)	S (%)
13. 11R021_P06	36	1.42	36	2.36	0	0.00
			gazivoda			
			surf-board			
			surfing-board			
14. 10R011_P06	22	0.87	22	1.44	0	0.00
			0			
			fire-walk			
			water-skiing			
15. 22R042_P00	17	0.67	17	1.11	0	0.00
			0			
			cry-baby			
			falling star			
16. 11R011_P06	17	0.67	17	1.11	0	0.00
			0			
			smoke-room			
			swimming-pond			
17. 11R072R021_P06	24	0.95	16	1.05	8	0.80
			0			
			toothpick			
			tooth-picker			
			picktooth			
			paper-washing			
18. 21R021_P04	16	0.63	16	1.05	0	0.00
			brkomaz			
			sudopera			
			kitolovac			
19. 22R122R032_P00	19	0.75	14	0.92	5	0.50
			0			
			householder			
			vlastodržac			
			zemljoposednik			
			zemljoposednica			

OBRAZAC	T	TIP	E	S		
	(ABS)	(%)	(ABS)	(%)	(ABS)	(%)
20. I4R062_P07	17	0.67	14	0.92	3	0.30
			mock-bird mocking-bird			
21. 21R011_P04	14	0.55	14	0.92	0	0.00
			wait-list waiting-list			
22. I2R052R062_P00	40	1.58	13	0.85	27	2.70
			peacemaker makepeace			
23. I0R021_P06P07	18	0.71	13	0.85	5	0.50
			swordplay skirt dancing			
24. 24R042_P00	13	0.51	11	0.72	2	0.20
			swell-fish weeping-elm			
25. 13R062_P07	11	0.44	11	0.72	0	0.00
			visibaba call-boy dancing-girl			
26. I2R072R022_P00	20	0.79	10	0.66	10	1.00
			chair-warmer breakneck			

OBRAZAC	T (ABS)	TIP	E (ABS)	E (%)	S	
					(ABS)	(%)
27. 11R091_P06P07	12	0.47	10	0.66	2	0.20
			razvigor			
			deriguša			
			razvigorac			
			wash-day			
			washing-day			
28. 13R062_P00	10	0.40	9 0	59	1	0.10
			spomen-dan			
			workman			
			working-man			
29. 13R011R062_P00	9	0.36	9	0.59	0	0.00
			kešboj			
			rope-walker			
30. 20R122_P03	8	0.32	8	0.52	0	0.00
			0			
			land-holding			
31. 10R091_P06	8	0.32	8	0.52	0	0.00
			0			
			night-walk			
			night-walking			
32. 22R102R042_P00	69	2.73	7	0.46	62	6.20
			0			
			freedom-lover			
			bogoljub			
			bogoljubac			
			bogomrznik			
			zloželitelj			
			danguba			
			dangubaš			
			dangubdžija			
			dangubnica			
			domoljupka			
			gubidan			
			gubiduša			

OBRAZAC	T	TIP	E	S			
	(ABS)	(%)	(ABS)	(%)	(ABS)	(%)	
		gubodušnik					
		gubodušnica					
		gubivremenka					
33. 11R072R011_P06	33	1.31	7	0.46	26	2.60	
		gold-wash					
		book-bindery					
		gold-washing					
		kamenolom					
		kamenoreznica					
		bakrorezaonica					
		ribolovište					
		sudopera					
		senokoša					
		vinotočje					
34. 20R011_P00	28	1.11	7	0.46	21	2.10	
		toothache					
		zubobol					
		zubobolja					
35. 10R021_P06	8	0.32	7	0.46	1	0.10	
		ski jump					
		fly-fishing					
		strahovlada					
36. 13R011R062_P07	7	0.28	7	0.46	0	0.00	
		rope-dancer					
		0					
37. 24R021_P04	7	0.28	7	0.46	0	0.00	
		sneeze-weed					
		0					
38. 24R082_P00	11	0.44	6	0.39	5	0.50	
		stink-bird					
		blazing-star					
		smrdibuba					
		smrdovranka					
39. 12R102R062_P00	11	0.44	6	0.39	5	0.50	
		chapelgoer					

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OBRAZAC		T	TIP	E	S		
		(ABS)	(%)	(ABS)	(%)	(ABS)	(%)
		bogomolja					
		bogomoljac					
		bogomoljka					
		bogomolnjik					
40. 13R021R062_P07	8	0.32	6	0.39	2	0.20	
		toe-dancer					
		rukodelac					
		rukodelja					
41. 10R102_P06	7	0.28	6	0.39	1	0.10	
		shopbreaking					
		bogomolja					
42. 14R011R062_P00	6	0.24	6	0.39	0	0.00	
		grasshopper					
		0					
43. 10R011_P06P07	5	0.20	5	0.33	0	0.00	
		ice-dance					
		ice-dancing					
		0					
44. 12R011R062_P00	5	0.20	5	0.33	0	0.00	
		fire-walker					
		0					
45. 20R011_P04	7	0.28	5	0.33	2	0.20	
		handstand					
		town-living					
		moreplovstvo					
46. 14R062_P00	7	0.28	5	0.33	2	0.20	
		rove-beetle					
		humming-bird					
		skočibuba					
47. 11R091_P06	5	0.20	5	0.33	0	0.00	
		work-day					
		working-day					

OBRAZAC	T	TIP	E	S		
	(ABS)	(%)	(ABS)	(%)	(ABS)	(%)
48. 11R011_P06P05	5	0.20	5	0.33	0	0.00
			writing-paper			
49. 10R101_P06	6	0.24	4	0.26	2	0.20
			prize-fight			
			prize-fighting			
50. 10R072_P02	5	0.20	4	0.26	1	0.10
			duhoborstvo			
			air-cooling			
51. 13R101R062_P00	5	0.20	4	0.26	1	0.10
			grizodušje			
			pearl-diver			
52. 21R042R011_P00	4	0.16	4	0.26	0	0.00
			duhoborac			
			cruet-stand			
53. 20R082_P00	4	0.16	4	0.26	0	0.00
			starshine			
54. 20R102_P04	21	0.83	3	0.20	18	1.80
			0			
			freedom-loving			
55. 11R021R022_P07	13	0.51	3	0.20	10	1.00
			zloslut			
			zlosluta			
			zloslutica			
			zloslutnja			
			pravdoljublje			
			gas-heater			
56. 12R072R062_P10	11	0.44	3	0.20	8	0.80
			iglodrkalo			
			blatobran			
			law-giver			

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OBRAZAC	T (ABS)	TIP	E (ABS)	%	S	
					(ABS)	(%)
57. 12R022R072_P00	9	0.36	3	0.20	6	0.60
			zakonodavac vlastodavka windfall			
58. 10R021_P06P05	6	0.24	3	0.20	3	0.30
			snegolom vodoplavlje vodoplavina zimomornik zimomornica handwriting			
59. 12R101R062_P00	5	0.20	3	0.20	2	0.20
			rukopis rukotvorstvo prize-fighter			
60. 11R111_P06P07	4	0.16	3	0.20	1	0.10
			ikonopoklonik playmate dancing-partner			
61. 10R062_P07	3	0.12	3	0.20	0	0.00
			pevidrug cock-fight cock-fighting			
62. 13R021R062_P00	3	0.12	3	0.20	0	0.00
			ski-runner			
63. 22R021_P04	3	0.12	3	0.20	0	0.00
			0 giggle-smoke stumbling-block			
64. 11R062R011_P00	3	0.12	3	0.20	0	0.00
			0 sheepwalk			

OBRAZAC	T		TIP		E		S	
	(ABS)	(%)	(ABS)	(%)	(ABS)	(%)	(ABS)	(%)
65. 10R081_P06	3	0.12	3	0	0.20	0	0	0.00
				jail-break prison-breaking				
66. 11R052R021_P06	3	0.12	3	0	0.20	0	0	0.00
				sandwich maker				
67. 22R011R041_P00	3	0.12	3	0	0.20	0	0	0.00
				rattle-brain				
68. 21R042_P00	3	0.12	3	0	0.20	0	0	0.00
				standing-bed				
69. 12R062_P07	5	0.20	2	0	0.13	3	0	0.30
				drinking-man				
70. 12R021R062_P07	5	0.20	2	tužibaba	0.13	3	0	0.30
				hand-worker				
71. 11R011R022_P07	2	0.08	2	rukovodilac	0.13	0	0	0.00
				zlatotkač				
				bičobija				
				tape recorder				
72. 22R012R042_P00	2	0.08	2	0	0.13	0	0	0.00
				cave-dweller				
73. 11R021_P06P10	2	0.08	2	0	0.13	0	0	0.00
				climbing-boot				
				0				

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OBRAZAC	T	TIP	E	S		
	(ABS)	(%)	(ABS)	(%)	(ABS)	(%)
74. 10R062_P00	2	0.08	2	0.13	0	0.00
		cock-crow				
		cock-crowing				
75. 13R091R062_P00	2	0.08	2	0.13	0	0.00
		0				
		night-worker				
76. 11R081_P06P07	2	0.08	2	0.13	0	0.00
		0				
		draw-well				
		reading-book				
77. 21R012_P04	2	0.08	2	0.13	0	0.00
		0				
		dwelling-house				
78. 14R021R062_P10	2	0.08	2	0.13	0	0.00
		0				
		hook-climber				
79. 11R021R022_P05	2	0.08	2	0.13	0	0.00
		0				
		ink-writer				
80. 14R021R062_P07	2	0.08	2	0.13	0	0.00
		0				
		seed-feeder				
81. 12R091R062_P00	2	0.08	2	0.13	0	0.00
		0				
		night-walker				
82. 13R111_P06P07	2	0.08	2	0.13	0	0.00
		0				
		playboy				
83. 12R021R072_P00	2	0.08	2	0.13	0	0.00
		0				
		rain-wash				

OBRAZAC	T	TIP	E	S		
	(ABS)	(%)	(ABS)	(%)	(ABS)	(%)
84. IIR081_P06	2	0.08	2	0.13	0	0.00
			0 starting-point			
85. IIR062_P00	2	0.08	2	0.13	0	0.00
			0 walking-lady			
86. IIR021_P06P05	2	0.08	2	0.13	0	0.00
			0 writing-ink			
87. IOR022_P07	8	0.32	1	0.07	7	0.70
			0 trumpet-call			
88. I2R022_P00	4	0.16	1	0.07	3	0.30
			vetromet vetrometina zimomora zimomorje shooting-iron			
89. I4R102R062_P00	4	0.16	1	0.07	3	0.30
			vetropir vetropirka letivetar tree-creeper			
90. I2R011R062_P07	3	0.12	1	0.07	2	0.20
			suncokret bogomoljka shore-shooter			
91. I2R072_P06	3	0.12	1	0.07	2	0.20
			čelovodja busogrudadžija skim-milk			
92. IOR091_P06P07	3	0.12	1	0.07	2	0.20
			čuškapa			

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OBRAZAC	T	TIP	E	S		
	(ABS)	(%)	(ABS)	(%)	(ABS)	(%)
spring-cleaning						
		letoseč				
93. 14R101R062_P07	2	0.08	1	0.07	1	0.10
honey-guide						
		medovodja				
94. 12R081R062_P00	2	0.08	1	0.07	1	0.10
prison-breaker						
		bežisvet				
95. 10R011_P06P05	2	0.08	1	0.07	1	0.10
sky-writing						
		bakropis				
96. 22R082_P00	2	0.08	1	0.07	1	0.10
stinkstone						
		smrdibuba				
97. 24R011R042_P00	2	0.08	1	0.07	1	0.10
water-breather						
		hladolež				
98. 14R052R062_P00	2	0.08	1	0.07	1	0.10
wax-maker						
		štetočina				
99. 12R062_P00	2	0.08	1	0.07	1	0.10
workhorse						
		skočidevojka				
100. 11R111_P06	2	0.08	1	0.07	0	0.00
work-fellow						
		0				
101. 12R062R072_P00	7	0.28	0	0.00	7	0.70
0						
		crvotoč				
		crvotočina				
		krtorovinjak				

OBRAZAC	T (ABS)	TIP (%)	E		S	
			(ABS)	(%)	(ABS)	(%)
102. 24R102R042_P00	7	0.28	0	0.00	7	0.70
		0				
			drvoljub			
			vodoljubac			
			zlosluta			
			zloslutica			
103. 12R022R011_P07	6	0.24	0	0.00	6	0.60
		0				
			vodoplav			
			vodoplavina			
			vodoplavje			
104. 22R01R042_P00	4	0.16	0	0.00	4	0.40
		0				
			hladolež			
			kutoleža			
105. 22R102R042_P08	4	0.16	0	0.00	4	0.40
		0				
			zajmoprimac			
106. 12R021R052_P06	4	0.16	0	0.00	4	0.40
		0				
			rukotvor			
			rukotvorina			
107. 12R011R072_P06	3	0.12	0	0.00	3	0.30
		0				
			drvorez			
108. 12R072R062_P08	3	0.12	0	0.00	3	0.30
		0				
			zajmotražilac			
			zajmotražitelj			
109. 22R021R042_P00	2	0.08	0	0.00	2	0.20
		0				
			očevidac			
110. 13R011R062_P05	2	0.08	0	0.00	2	0.20

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OBRAZAC	T (ABS)	TIP	E (ABS)	E (%)	S	
					(ABS)	(%)
	0					
		kamenopisac				
111.11R102R011_P06	2	0.08	0	0.00	2	0.20
		0				
		bogomolja				
		bogomoljište				
112.11R021R011_P06P072		0.08	0	0.00	2	0.20
		0				
		gladomornica				
		vodolečilište				
113.12R072R091_P06	2	0.08	0	0.00	2	0.20
		0				
		kolovoz				
		mesojedje				
114.12R091R072_P06	2	0.08	0	0.00	2	0.20
		0				
		letoseč				
		zimosečina				
115.22R042R091_P00	2	0.08	0	0.00	2	0.20
		0				
		listopad				
116.23R011R042_P00	2	0.08	0	0.00	2	0.20
		0				
		moreplovac				
117.21R111_P04	2	0.08	0	0.00	2	0.20
		0				
		plačidrug				
118.10R071_P06P05	2	0.08	0	0.00	2	0.20
		0				
		zemljopis				
119.11R021R072_P06	2	0.08	0	0.00	2	0.20
		0				

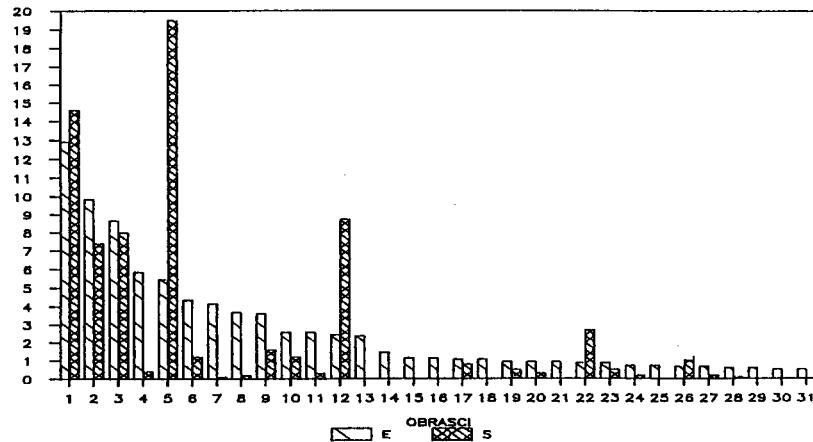
OBRAZAC	T	TIP	E	S		
	(ABS)	(%)	(ABS)	(%)	(ABS)	(%)
rukohvat rukodržac						
I20. 13R021R062_P05	2	0.08	0	0.00	2	0.20
		0				
rukotvorac rukotvornik						
I21. 22R042R011_P00	2	0.08	0	0.00	2	0.20
		0				
snegopadina snegopadja						
I22. 12R072R011_P06	2	0.08	0	0.00	2	0.20
		0				
vratolom vratolomija						
I23. 10R072_P06P10	2	0.08	0	0.00	2	0.20
		0				
zakonodavstvo						
I24. 11R101R022_P07 --- 2		0.08	0	0.00	2	0.20
		0				
zemljovod zemljovodnik						

T = Ukupno

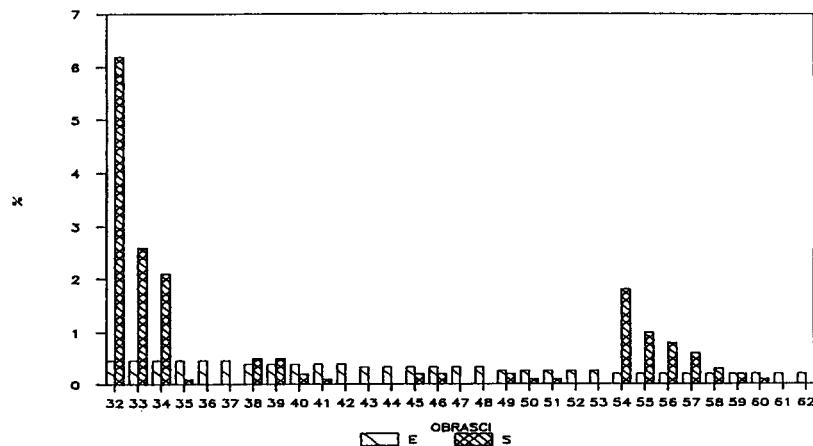
S = Srpskohrvatski jezik

E = Engleski jezik

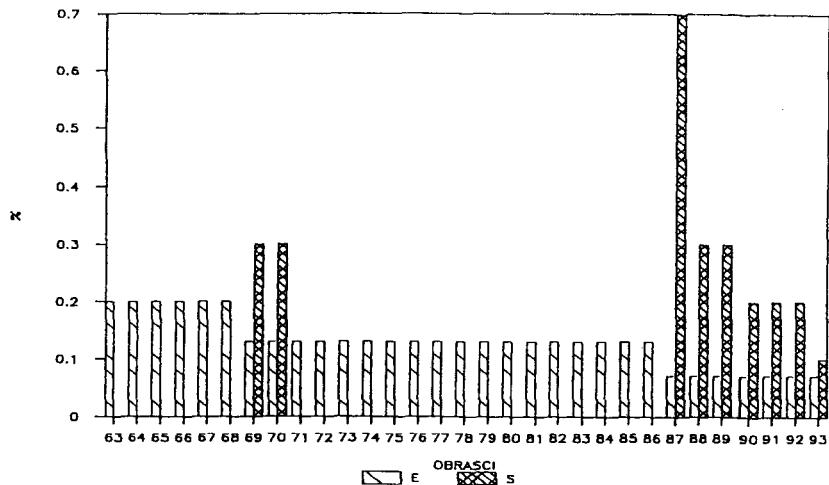
ABS = Apsolutna vrednost



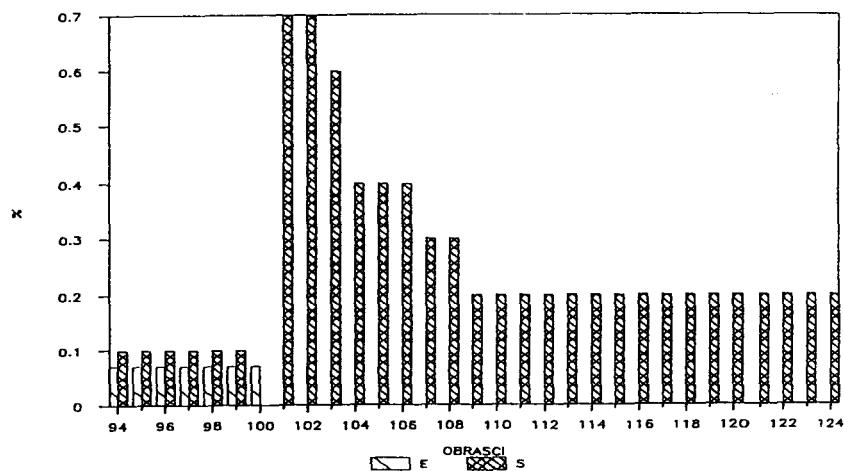
Slika 7.1 Obrasci



Slika 7.1 Obrasci (nastavak)



Slika 7.1 Obrasci (nastavak)



Slika 7.1 Obrasci (nastavak)

**Tabela 7.3** Odnos broja zastupljenih i nezastupljenih obrazaca prema ukupnom broju obrazaca imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku (I)

ZE (ABS)	ZE (%)	NZE (ABS)	NZE (%)	ZS (ABS)	ZS (%)	NZS (ABS)	NZS (%)
100	80.65	24	19.35	81	65.32	43	34.68

ZE = Zastupljeno u engleskom

ZS = Zastupljeno u srpskohrvatskom

NZE = Nezastupljeno u engleskom

NZS = Nezastupljeno u srpskohrvatskom

ABS = Apsolutna vrednost

**Tabela 7.4** Odnos broja zastupljenih i nezastupljenih obrazaca imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku (I)

E(Z/NZ)	S(Z/NZ)
4.17	1.88

E(Z/NZ) = Odnos broja zastupljenih i nezastupljenih obrazaca u engleskom jeziku

S(Z/NZ) = Odnos broja zastupljenih i nezastupljenih obrazaca u srpskohrvatskom jeziku

## 7.6 Zastupljenost relacija i markera u značenjskim obrascima

### 7.6.1 Ispoljene relacije

Pod relacijama se podrazumevaju dubinski logički odnosi argumenta (ili argumenata) s obzirom na glagol (Leech, pismo, 1984). Ispoljenim relacijama se smatraju one koje su eksponirane u površinskoj strukturi složenice. Pregled relacija i definicije su dati u 2.6.1.

Zastupljenost ispoljenih relacija u svakom pojedinom jeziku je data u Tabeli 7.5.

Rezultati pokazuju da je i u engleskom i u srpskohrvatskom jeziku najzastupljenija relacija 'objekt' (za 6.04% više u srpskohrvatskom).

Dalji redosled relacija po opadajućoj vrednosti u engleskom jeziku je sledeći: 'agens', 'instrument', 'mesto', 'faktitiv', 'pacijens', 'cilj', 'vreme', 'izvor', 'posed', 'posesor' i 'socijativ'.

Dalji redosled relacija po opadajućoj vrednosti u srpskohrvatskom jeziku je sledeći: 'agens', 'instrument', 'cilj', 'pacijens', 'mesto', 'faktitiv', 'vreme', 'izvor', 'posesor', 'posed' i 'socijativ'.

Najmanje zastupljena relacija u oba jezika je 'socijativ' (za 0.19% manje u srpskohrvatskom).

Zastupljenost ispoljenih relacija u oba jezika zajedno i svakom posebno je data na Slici 7.2, Slici 7.3 i Slici 7.4.

Zastupljenost složenica sa jednom ispoljenom relacijom i dve ispoljene relacije je data u Tabeli 7.6.

Rezultati pokazuju da je stanje u dva jezika obrnuto: u engleskom je za 8.66% više složenica sa jednom ispoljenom relacijom (tip **dancing-girl**) nego sa dve (tip **apple-grower**); u srpskohrvatskom je za 57.24% više složenica sa dve ispoljene relacije (tip **bakrorezac**) nego sa jednom ispoljenom relacijom (tip **krvoproljeće**).

Lista engleskih složenica sa istovrsnom ponovljenom ispoljenom relacijom je data u Tabeli 7.7.

Rezultati pokazuju da su samo 3 ovakva primera i da je ponovljena relacija 'instrument'.

Lista srpskohrvatskih složenica sa istovrsnom ponovljenom ispoljenom relacijom je data u Tabeli 7.8.

Rezultati pokazuju da ima 11 ovakvih primera i da je u jednom primeru ponovljena relacija 'mesto', a u ostalim 'instrument'.

Zastupljenost složenica sa istovrsnim i raznovrsnim ispoljenim relacijama je prikazana u Tabeli 7.9.

Rezultati pokazuju da je u oba jezika veoma mali broj primera sa istovrsnim relacijama.

### 7.6.2 Neispoljene relacije

Neispoljenim relacijama se smatraju one koje nisu eksponirane u površinskoj strukturi složenice.

Pregled relacija i definicije su dati u 2.6.1.

Broj javljanja neispoljenih relacija je prikazan u Tabeli 7.10.

Najčešća neispoljena relacija je u oba jezika 'agens'.

Nikad nisu neispoljene relacije: 'mesto', 'izvor', 'vreme', 'socijativ' i 'posed' u engleskom i relacije: 'mesto', 'posesor', 'vreme' i 'socijativ' u srpskohrvatskom jeziku.

Broj javljanja neispoljenih relacija u oba jezika i svakom posebno je grafički predstavljen na Slici 7.5, Slici 7.6 i Slici 7.7.

Odnos broja složenica sa neispoljenim relacijama i bez neispoljenih relacija je dat u Tabeli 7.11.

### 314 Značenje i sinonimija (engleski i srpskohrvatski uzorak)

Rezultati pokazuju da je u engleskom otrilike podjednak broj složenica sa neispoljenim relacijama i bez neispoljenih relacija; u srpskohrvatskom je 2.65 puta više složenica bez neispoljenih relacija.

#### 7.6.3 Markeri

Pod markerom razumemo komponentu značenja složenice koja karakteriše složenicu u celini (za razliku, na primer, od značajskih komponenti njenih delova).

Vrste markera i definicije su date u 2.5.1.

Brojčani prikaz javljanja složenica sa markerom i bez markera je dat u Tabeli 7.12.

Rezultati pokazuju da je u oba jezika više složenica sa markerom nego bez markera. U engleskom je za 53.08% više složenica sa markerom, a u srpskohrvatskom za 65.04%. U srpskohrvatskom je za 5.98% više složenica sa markerom.

Broj javljanja pojedinih markera je dat u Tabeli 7.13.

Rezultati pokazuju da je u engleskim složenicama najzastupljeniji marker ‘svrha’ (tip **baby-walker**), a u srpskohrvatskim ‘habitualnost’ (tip **bakljonoša**).

U oba jezika je najmanje zastupljen marker ‘vrsta’ (tip **woodpecker** i **hladolež**).

Broj javljanja pojedinih markera u oba jezika i svakom jeziku posebno je prikazan grafički na Slici 7.8, Slici 7.9 i Slici 7.10.

Tabela 7.5 Ispoljene relacije - broj javljanja

REL	E(ABS)	E(%)	S(ABS)	S(%)
R01	193	8.68	86	4.81
R02	418	18.80	188	10.51
R03	14	0.63	6	0.34
R04	89	4.00	104	5.82
R05	148	6.66	62	3.47
R06	533	23.98	522	29.19
R07	705	31.71	675	37.75
R08	23	1.03	7	0.39
R09	34	1.53	12	0.67
R10	36	1.62	118	6.60
R11	8	0.36	3	0.17
R12	22	0.99	5	0.30
UKUPNO				
12	2223	100.00	1788	100.00

REL = Ispoljena relacija R05 = Faktitiv

E = Engleski jezik R06 = Agens

S = Srpskohrvatski jezik R07 = Objekt

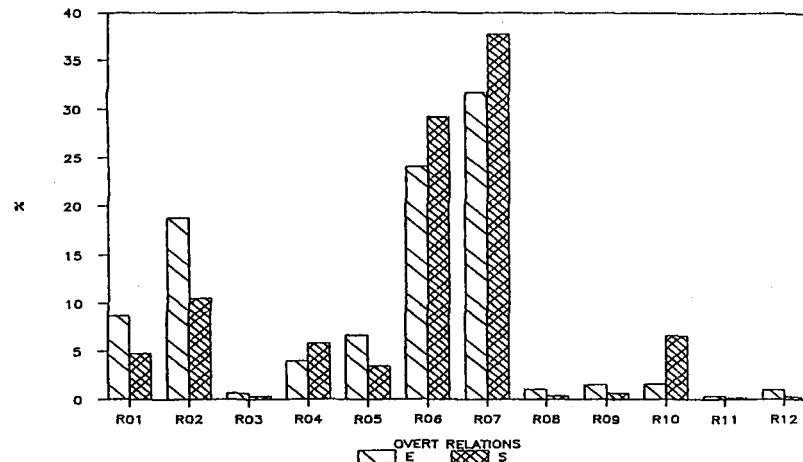
ABS = Apsolutna vrednost R08 = Izvor

R01 = Mesto R09 = Vreme

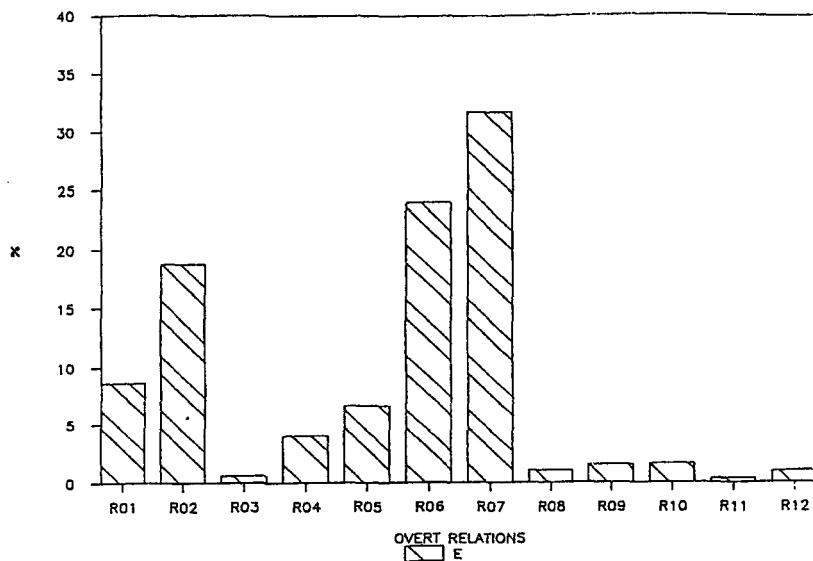
R02 = Instrument R10 = Cilj

R03 = Posesor R11 = Socijativ

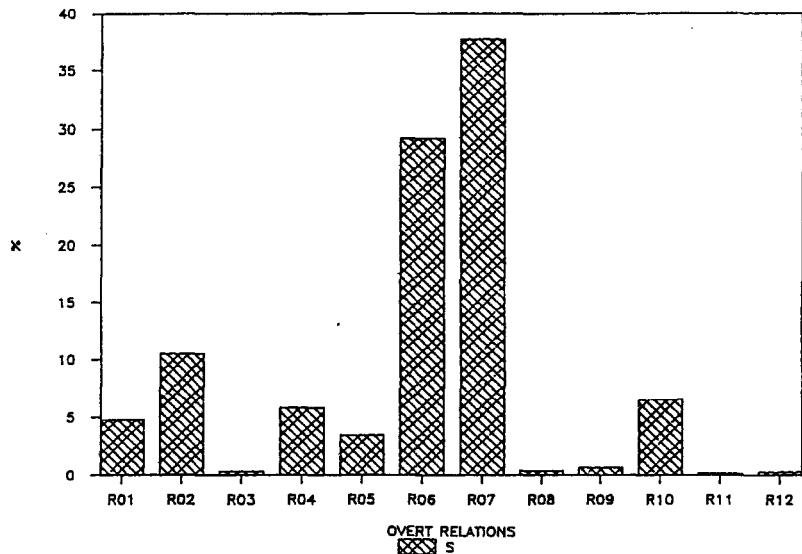
R04 = Pacijens R12 = Posed



Slika 7.2 Ispoljene relacije - engleski i srpskohrvatski jezik



Slika 7.3 Ispoljene relacije - engleski jezik



Slika 7.4 Ispoljene relacije - srpskohrvatski jezik

**Tabela 7.6 Složenice sa jednom ispoljenom relacijom i sa dve ispoljene relacije - broj javljanja**

E(1) (ABS)	E(1) (%)	E(2) (ABS)	E(2) (%)	S(1) (ABS)	S(1) (%)	S(2) (ABS)	S(2) (%)
829	54.33	697	45.67	214	21.38	787	78.62

E(1) = Engleske složenice sa jednom ispoljenom relacijom

E(2) = Engleske složenice sa dve ispoljene relacije

S(1) = Srpskohrvatske složenice sa jednom ispoljenom relacijom

S(2) = Srpskohrvatske složenice sa dve ispoljene relacije

ABS = Apsolutna vrednost

**Tabela 7.7 Lista engleskih složenica sa istovrsnom ponovljenom relacijom**

PR	SLOŽENICA
R02	paper-feeder
R02	type-writer
R02	vacuum-cleaner

PR = Ponovljena relacija

R02 = Instrument

**Tabela 7.8 Lista srpskohrvatskih složenica sa istovrsnom ponovljenom relacijom**

PR	SLOŽENICA
R01	čelopek
R02	blatobran
R02	iglodrkalo
R02	kamenobran
R02	kišobran
R02	ledobran
R02	snegobran
R02	suncobran
R02	vatrobran
R02	vetrobran
R02	vodopoj

PR = Ponovljena relacija

R01 = Mesto

R02 = Instrument

**Tabela 7.9 Složenice sa istovrsnim i raznovrsnim ispoljenim relacijama - broj javljanja**

EIV (ABS)	EJV (%)	ERV (ABS)	ERV (%)	SIV (ABS)	SIV (%)	SRV (ABS)	SRV (%)
3	0.43	694	99.57	11	1.40	776	98.60

EIV = Engleske složenice sa istovrsnim ispoljenim relacijama

ERV = Engleske složenice sa raznovrsnim ispoljenim relacijama

SIV = Srpskohrvatske složenice sa istovrsnim ispoljenim relacijama

SRV = Srpskohrvatske složenice sa raznovrsnim ispoljenim relacijama

ABS = Apsolutna vrednost

**Tabela 7.10 Neispunjene relacije - broj javljanja**

REL	E(ABS)	E(%)	S(ABS)	S(%)
P01	0	0.00	0	0.00
P02	4	0.41	2	0.66
P03	8	0.82	0	0.00
P04	51	5.21	28	9.30
P05	12	1.23	10	3.32
P06	605	61.80	179	59.47
P07	290	29.62	63	20.93
P08	0	0.00	7	2.33
P09	0	0.00	0	0.00
P10	9	0.92	11	3.65
P11	0	0.00	0	0.00
P12	0	0.00	1	0.33
UKUPNO				
	12	979	100.00	301
				100.00

REL = Neispunjena relacija      P05 = Faktitiv

E = Engleski jezik      P06 = Agens

S = Srpskohrvatski jezik      P07 = Objekt

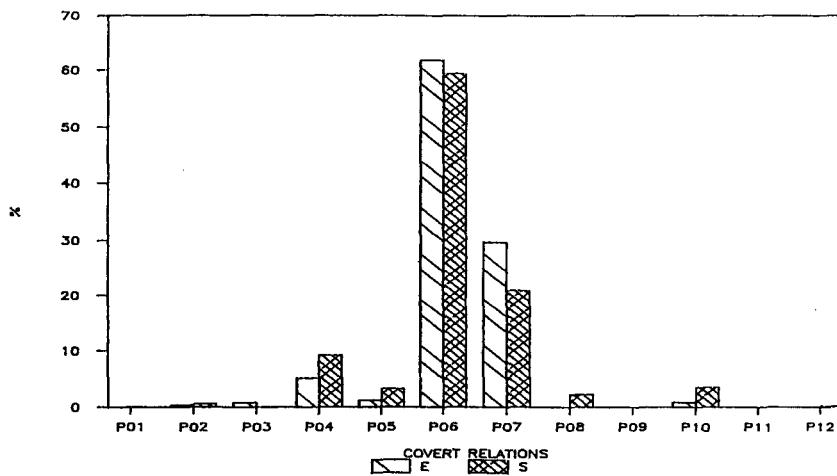
ABS = Apsolutna vrednost      P08 = Izvor

P01 = Mesto      P09 = Vreme

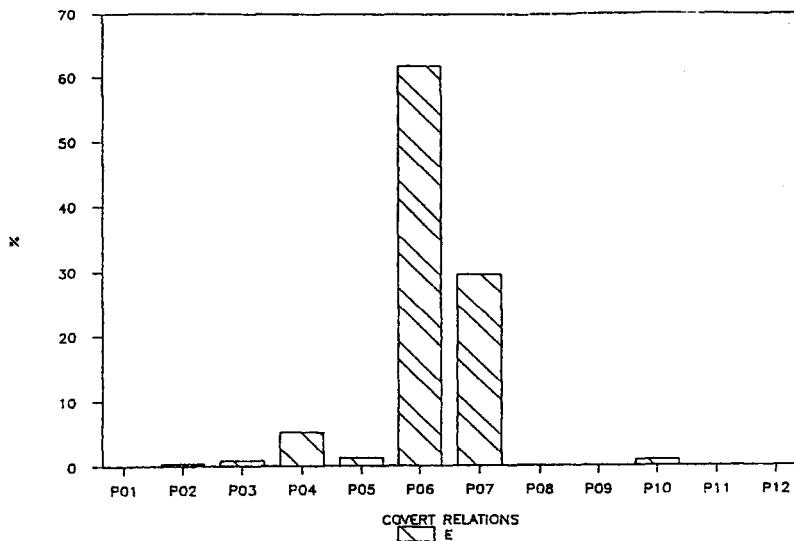
P02 = Instrument      P10 = Cilj

P03 = Posesor      P11 = Socijativ

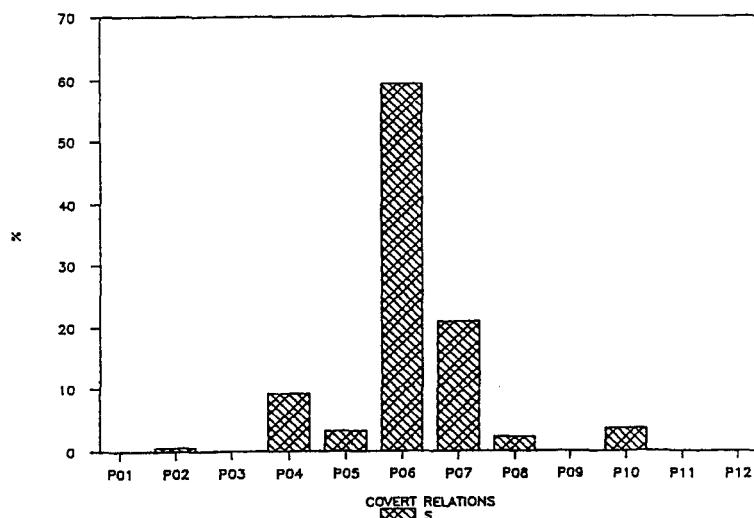
P04 = Pacijens      P12 = Posed



Slika 7.5 Neispunjene relacije - engleski i srpskohrvatski jezik



Slika 7.6 Neispunjene relacije - engleski jezik



Slika 7.7 Neispunjene relacije - srpskohrvatski jezik

Tabela 7.11 Složenice sa neispunjenoj relacijama i bez neispunjenoj relacije - broj javljanja

REL	E(ABS)	E(%)	S(ABS)	S(%)
P01-P12	778	50.98	274	27.37
P00	748	49.02	727	72.63

REL = Relacija

P01-P12 = Složenice sa neispunjenoj relacijama iz skupa P01-P12

P00 = Složenice bez neispunjenoj relacije

E = Engleski jezik

S = Srpskohrvatski jezik

ABS = Apsolutna vrednost

Tabela 7.12 Složenice sa markerom i bez markera - broj javljanja

SME (ABS)	SME (%)	SE (ABS)	SE (%)	SMS (ABS)	SMS (%)	SS (ABS)	SS (%)
1168	76.54	358	23.46	826	82.52	175	17.48

SME = Složenice sa markerom u engleskom

SE = Složenice bez markera u engleskom

SMS = Složenice sa markerom u srpskohrvatskom

SS = Složenice bez markera u srpskohrvatskom

ABS = Apsolutna vrednost

Tabela 7.13 Markeri - broj javljanja

M	E(ABS)	E(%)	S(ABS)	S(%)
M1	555	47.52	151	18.28
M2	184	15.75	393	47.58
M3	332	28.42	170	20.58
M4	97	8.30	112	13.56
UKUPNO				
4	1168	100.00	826	100.00

M = Marker

M1 = Svrha

M2 = Habitualnost

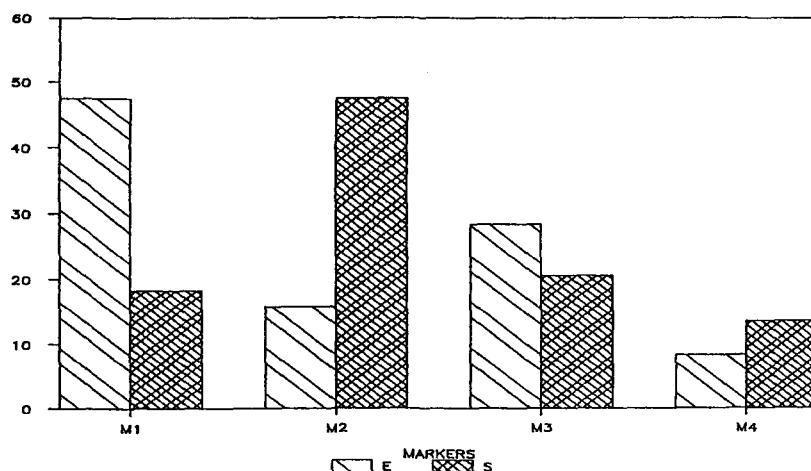
M3 = Habitualnost i Profesija

M4 = Vrsta

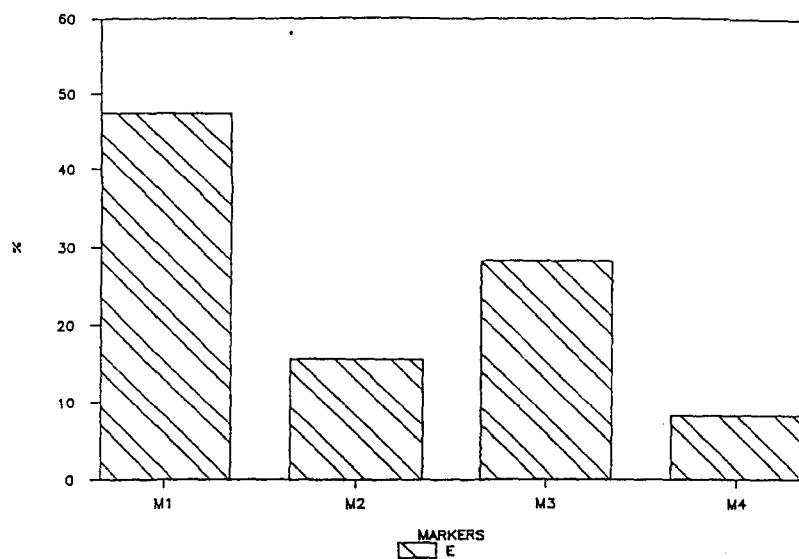
E = Engleski jezik

S = Srpskohrvatski jezik

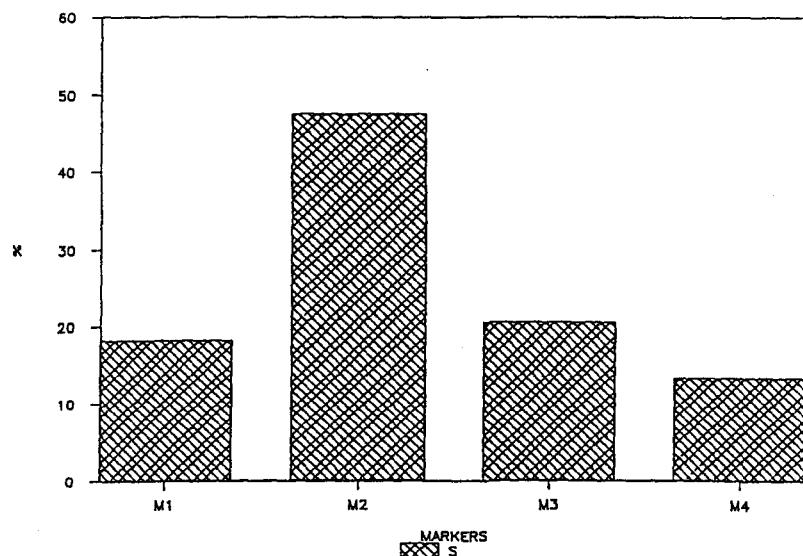
ABS = Apsolutna vrednost



Slika 7.8 Markeri - engleski i srpskohrvatski jezik



Slika 7.9 Markeri - engleski jezik



Slika 7.10 Markeri - srpskohrvatski jezik

## 7.7 Zaključak

Istraživanje čiji su predmet i cilj izneseni u 7.2 dalo je sledeće značajne rezultate: izrađen je algoritam za identifikovanje reči istovrsnog značenja i identifikovanje sinonima intra- i interlingvalno; ustanovljeni su značenjski obrasci karakteristični za svaki jezik i rezultati su upoređeni.

Doprinos istraživanja treba da je u tome što je: sistematsko, opsežno, egzaktno i originalno po metodu, smeru analize i rezultatima. Istraživanje je značajno i po implikacijama koje su relevantne u oblasti: opšte lingvistike, nauke o građenju reči, leksikografije, nastave stranog jezika i mašinskog prevođenja.

## **8. Zaključak**

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Istraživanje o kome je saopšteno u ovoj knjizi dalo je više značajnih rezultata. U ovom poglavlju je dat globalan osvrt na rezultate istraživanja, u celini i posebno; rezultati, dobijeni u svakom, pojedinačnom istraživačkom koraku, nisu navođeni i čitalac se upućuje na odgovarajuća mesta u knjizi.

Nijedan postojeći jezički model nismo smatrali adekvatnim za segment jezičke stvarnosti koji je uzet za predmet našeg istraživanja. Iz tih razloga smo postavili svoju hipotezu o modelu sistema imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku. Nekim elementima tog modela se može, i to samo u izvesnoj, maloj meri, naći traga u literaturi na koju je upućivano na odgovarajućim mestima. Ono što smo smatrali pozitivnim u literaturi, a što smo zatekli samo u rudimentarnom obliku, preuzeли smo, i to samo u smislu sugestija, koje su u našem istraživanju podvragnute detaljnoj analizi i proveri.

Na osnovu kritičkog razmatranja literature, uvida u obiman i konkretni jezički materijal i na osnovu sopstvenog razmišljanja o problemu i o mogućim rešenjima, postavili smo hipotezu o modelu sistema imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku. Na osnovu te hipoteze izvršili smo delimično modeliranje sistema na taj način što smo jedinice sistema opisali ograničenim brojem izraza sa veoma strogom i jednoznačnom sintaksom. Napravili smo, zatim, algoritme koji podatke procesuju. Uloga algoritama je instrumentalna u dokazivanju hipoteze o modelu sistema: napravljeni su tako da mogu da hipotezu dokažu ili opovrgnu. U zavisnosti od ishoda rada algoritma hipoteza može biti dokazana ili opovrgнута. Na osnovu rada algoritama dobijeni su rezultati koji postavljenu hipotezu o modelu sistema nedvosmisleno dokazuju. Model sistema imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku (vidi određenje predmeta istraživanja u 1.2), kakav smo prepostavili, a hipotezu dokazali, nije zabeležen u literaturi i njega smatramo svojim originalnim doprinosom.

Primena računara u jezičkom istraživanju se pokazala kao dragocena i nezamenljiva.

Rezultati istraživanja prikazanih u pojedinim poglavljima knjige se rezimiraju u tekstu koji sledi.

Istraživanje problema distinkтивnih obeležja u strukturi imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku, koje je obavljeno sa ciljem prikazanim u 2.2, dalo je sledeće rezultate: kritičkim razmatranjem literature o predmetu je ustanovljeno da problem

distinkтивnih obeležja nije tretiran na zadovoljavajući način (2.3 i 2.4); mi smo, o čemu je detaljno saopšteno u ovoj knjizi, pokušali da ovo ispravimo, tako što smo postavili hipotezu o postojanju distinkтивnih obeležja, njihovoj vrsti i broju i tako što smo izradili algoritam za identifikovanje minimalnih parova pomoću kompjutera (2.5) da bismo hipotezu sistematski proverili na ukupnom uzorku; algoritam je bio napisan tako da se hipoteza mogla opovrgnuti ili dokazati; algoritam se pokazao uspešnim i identifikovani su minimalni parovi u oba jezika (2.6); sva hipotetička obeležja su potvrđena minimalnim parovima u engleskom jeziku (Tabela 2.2) i sva izuzev jednog u srpskohrvatskom jeziku (Tabela 2.3); nađen je egzaktan način za tretiranje dvosmislenosti i sinonimije i to intra- i interlingvalno; postavljeni su temelji na kojima se može dalje graditi model imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku; primena računara u jezičkom istraživanju se pokazala od neprocenjive koristi.

Na osnovu uvida u izvore čiji je pregled dat, sastavljen je rečnik imeničkih složenica sa glagolskom komponentom u savremenom engleskom i srpskohrvatskom jeziku. Rečnik se sastoji od 2527 jedinica (1526 engleskih i 1001 srpskohrvatske) i, u odnosu na broj primera koji su se u ranijim istraživanjima i gramatičkim opisima koristili kao ilustracija, ovaj specijalni rečnik daleko je najobimniji. Izvršeno je, zatim, delimično modeliranje sistema na taj način što su jedinice sistema opisane ograničenim brojem izraza sa veoma strogom i jednoznačnom sintaksom. Cilj kodiranja je bio da se podaci daju u takvom obliku da se omogući njihova obrada pomoću kompjutera. Ovoliki obim uzorka je značajan i zbog toga što onda zaključci imaju veću snagu.

Nakon što su jedinice sistema iskodirane, napravljeni su algoritmi koji procesuju podatke. Svi algoritmi su detaljno prikazani. Njihova uloga je instrumentalna u dokazivanju hipoteze: algoritmi su napravljeni tako da mogu da dokažu ili opovrgnu hipotezu. Oni rade na objektivan način jer u zavisnosti od ishoda rada algoritma hipoteza može biti dokazana ili opovrgнутa.

Predmet narednog poglavlja su glagoli od kojih elementi složenice na osnovu značenja složenice potencijalno vode poreklo (gde se termin poreklo uzima u sinhronom značenju). Dat je pregled svih motivišućih glagola u oba jezika, izvršeno je njihovo klasifikovanje s obzirom na kompatibilnost sa određenom dubinskom značenjskom relacijom i s obzirom na mesto eksponenta motivišućeg glagola u prvom ili drugom delu binomne složenice, izrađen je rečnik glagola produktivnih u složenicama, ustavljen je stepen produktivnosti pojedinih glagola i njihova valentnost (konstrukcione mogućnosti u okviru složeničkog mikro-konteksta) u oba jezika, ustavljen je razgranatost paradigm i svi rezultati su upoređeni intra- i interlingvalno.

Sledi zatim pregled imeničkih komponenti u strukturi imeničkih složenica u engleskom i srpskohrvatskom jeziku. Navedene su sve motivišuće imenice u oba jezika, izvršena je klasifikacija s obzirom na mesto eksponenta motivišuće imenice u prvom ili drugom delu binomne složenice u oba jezika

(da bi se ustanovile eventualne restrikcije u vezi sa položajem eksponenta u površinskoj strukturi), izvršena je klasifikacija motivišućih imenica s obzirom na karakteristiku živo/neživo u oba jezika, izrađen je rečnik imenica produktivnih u složenicama, ustanovljen je stepen produktivnosti pojedinih imenica u oba jezika, ustanovljene su njihove konstrukcione mogućnosti u složenicama, a takođe i razgranost paradigma. Svi rezultati su upoređeni intra- i interlingvalno.

Predmet o kojem se dalje u knjizi govori su vezane morfeme (i spojni elementi u srpskohrvatskom) u strukturi imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku. Dat je pregled vezanih morfema s obzirom na njihov položaj u prvom ili drugom delu složenice (ili u oba), ustanovljeno je koje su vezane morfeme aktivne u kom položaju, utvrđena je njihova valentnost i stepen razgranost paradigma, utvrđeno je koje se vezane morfeme javljaju uz koju vrstu slobodne morfeme i ustanovljene su restrikcije, utvrđene su i restrikcije u vezi sa javljanjem određenog spojnog elementa u srpskohrvatskim složenicama. Svi rezultati, koji su se mogli poreći, upoređeni su intra- i interlingvalno.

U preposlednjem poglavlju se razmatralo značenje i sinonimija u sistemu imeničkih složenica sa glagolskom komponentom u engleskom i srpskohrvatskom jeziku. Postavljeni su osnovi za egzaktno tretiranje značenja i sinonimije (na temelju rezultata istraživanja prikazanog u drugom poglavlju i time što je izrađen algoritam za identifikovanje reči istovrsnog značenja i sinonima intra- i interlingvalno pomoću kompjutera), utvrđeni su značenjski obrasci koji su osnova za identifikovanje reči istovrsnog značenja i sinonima intra- i interlingvalno, utvrđen je stepen zastupljenosti određenih obrazaca unutar svakog pojedinog jezika i u oba jezika zajedno, utvrđen je stepen zastupljenosti dubinskih značenjskih relacija i stepen zastupljenosti markera u sklopu značenjskih obrazaca unutar svakog jezika posebno i rezultati su upoređeni. Tretiranje problema značenja i sinonimije u ovoj knjizi je originalno po smeru istraživanja: smer analize je u dosadašnjoj literaturi o predmetu bio takav da se išlo od površinske strukture ka značenju (složenice su, naime, razvrstavane u određene klase na osnovu formalnih obeležja i onda se govorilo da svaka pojedina klasa može imati određenu, različita značenja); ovakav pristup smo smatrali stereotipnim i neplodnim pa je naš pristup suprotan: mi govorimo o određenim značenjskim klasama koje se u površinskoj strukturi realizuju na određeni način.

Na kraju knjige je data selektivna bibliografija, kao i pregled konsultovane rečničke literature.

# **The grammar of words : Algorithmic description of compounds**

## **Summary**

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The aim of the research was to explore further the structure of English and Serbo-Croatian noun compounds focusing on their inter-relations, to establish a set of criterial distinctive features on the basis of which the compounds are inter-related in terms of minimal pairs and to provide an algorithm for the identification of minimal pairs by the computer.

The comprehensive literature on the subject was studied and critically assessed. A set of criterial distinctive features in the structure of English and Serbo-Croatian noun compounds (a sample of over two thousand five hundred words) was hypothesized and the hypothesis tested by means of minimal pairs identified by the computer. Conclusions concerning the internal structure of noun compounds and their systemic inter-relations were drawn. The algorithm for the identification of minimal pairs proved to be successful with a further consequence of the possibility of treating ambiguities and synonymy in compounds in a computer precise way. A new model of English noun compounds was hypothesized and proved to be correct. A comprehensive description of the way in which the coding was done and of the algorithms is presented in the book. The results have further implications which are relevant in the fields of: general linguistics, word-formation, machine translation, automatic speech recognition, and language teaching.

The compounds particularly chosen for the subject of the analysis were English and Serbo-Croatian hypotactic binomial compounds with the exponents of one verbal and one nominal element. A compound has been defined as a lexeme containing two or more potential stems and that has not subsequently been subjected to a derivational process. A binomial compound has been defined as a two-part compound. A noun compound is the one that can be assigned to the 'noun' form class. A binomial noun compound with an exponent of a verbal element is the one which is potentially related (in generative i.e. synchronic way) to a verb which has its exponent in the surface structure of a compound (e.g. *handwriting*). A binomial noun compound with an exponent of a nominal element is the one which is potentially related (in generative i.e. synchronic terms) to a noun which has its exponent in the surface structure of a compound (e.g. *wash-woman*). The parts of a compound are not considered to have word status although they can be potentially related (in generative and synchronic sense) to words. A

hypotactic binomial compound is the one in which the parts are in a hypotactic relation to each other (cf. hypotactic **water-carrier** vs. paratactic compound **carrier-pigeon**). The hypotactic relations between the parts of a binomial compound refer to hypotactic deep logical relations between an argument (or arguments) with respect to the verb (e.g. the temporal and agentive relation of the arguments with respect to the verb in **night-watch**).

The results of the pieces of research presented in particular chapters of the book are summarized in the text that follows.

After a comprehensive study of theoretical works, reference works, grammar books and dictionaries a corpus of 2527 compounds was selected to be subjected to the analysis. The compounds were then coded, so that they could be processed by the computer, each code constituting a record and all records constituting a source data file. The computer program was written to perform several tasks (3), one of them being to identify and count minimal pairs. The algorithms for data processing were developed and they were instrumental in proving the hypothesis. A comprehensive description of the way in which the coding was done and of the algorithms is presented in the book. The explanation of the coding is presented in Chapter 2 and the description of the algorithms in Chapters 2 and 3. The computer program was written in BASIC and the computer used for processing was an IBM PC.

The piece of research on the problem of the distinctive features in the structure of noun compounds with verbal element in English and Serbo-Croat gave the following results: the critical assessment of the literature on the subject showed that the treatment of the problem of the distinctive features was not satisfactory (2.3 and 2.4); we tried to improve this by hypothesizing certain distinctive features, their number and kind and by testing the hypothesis on the whole of the sample by means of minimal pairs identified by the computer (2.5); the algorithm was written in such a way that the hypothesis could be proven or rejected; the algorithm for the identification of minimal pairs in both languages proved to be successful (2.6); all hypothetical distinctive features in English were proven (Table 2.2) and all but one in Serbo-Croat (Table 2.3); a further consequence of this was that the ambiguities and synonymy could be treated both intra- and interlingually and in a computer precise way; all this provided good foundation for a new, reliable and comprehensive model of noun compounds.

The next chapter deals with the problem of verbal elements in the structure of noun compounds in both languages. The list of the verbs which have their exponents in noun compounds and to which verbal elements are according to their meaning potentially related in generative and synchronic terms, is given in full (4.2). The verbs are listed and classified according to their compatibility with a particular type of the deep logical relation (4.3.1 and 4.3.2). They are also classified according to the part (first or second) of a compound in which they appear so that possible restrictions could be found (4.4). A dictionary of the verbs which are productive in compounds is also

presented together with a frequency list stating the degree of productivity and verb valency (4.5). All results are related intra- and interlingually.

The nominal elements in the structure of noun compounds in both languages are then considered (5). The list of the nouns with which nominal elements are synchronically related is given in full (5.2). The nouns are classified according to the part of a compound in which they appear (5.3). Frequency lists and valency lists are also given (5.5). All results are inter-related within the scope of both languages.

The subject of the bound morphemes in the structure of noun compounds in both languages is then considered (6). The lists of the morphemes are presented in full. The morphemes are classified according to their distribution and restrictions are stated (6.2 and 6.3). The relations between certain bound morphemes and particular kind of stems are also stated. Frequency and valency lists are presented. The results are inter-related and discussed.

The problem of meaning and synonymy in compounds in both languages is then explored (7). On the basis of the results of the research on distinctive features in the structure of noun compounds in both languages the algorithms are developed to treat meaning and synonymy in a computer precise way. As a result, different semantic patterns are identified and the degree of their productivity is stated (7.5). Intralingual synonyms (within each of the two languages) and also interlingual synonyms (English and Serbo-Croatian words having the same meaning) are also identified. The degree of productivity of all overt and covert deep logical relations and markers in the semantic structure of English and Serbo-Croatian noun compounds is stated (7.6). Regarding the direction of the analysys of meaning applied in this book the treatment of the problem is new. The starting point in the analyses applied so far has been surface structure: compounds have been classified according to some formal characteristics in their surface structure and then a certain type of meaning has been attributed to them. Our approach is different. We start from different semantic patterns and end up with classifications of their formal characteristics. These two directions of the analysis correspond to the difference between encoder (speaker) and decoder (listener) point of view in the communication process. Our approach is speaker-oriented. The results presented in this final chapter of the book have further implications which are relevant in the fields of: general linguistics, word-formation, machine translation, automatic speech recognition, and language teaching.

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