

PHRASE STRUCTURE

De grammatika bestaat uit F, M, P en V- regels.

P- regels dienen, zo mogelijk, direkt toegepast te worden.

F- regels vervangen een enkel woord.

M- regels vervangen een woord, onder invloed van de affixen.

P- regels vervangen een affix. (Let op het sterretje ').

V- regels vervangen een woord door een keuze uit een vocabularium.

Het ^teken verbindt verschillende woorden;

het +teken bindt de affixen aan het hoofdwoord;

het /teken scheidt alternatieve vervangingen.

De getallen voor de vervangende delen geven (cumulatief) de kans op vervanging door juist dit deel aan; zo wil

A (20) X /
 (35) Y /
 (36) Z /
 (77) A ^ X /
 (100) Y ^ B

zeggen dat de kans op vervanging van A door X, Y, Z, A ^ X of Y ^ B respectievelijk 20, 15, 1, 41, of 23 proc. bedraagt.

De cijfers in de vervangende delen geven aan dat de zoveelste affix van het te vervangen woord overgenomen wordt.

De begintoestand (Sigmaregel) is SENT.

F-regels

F

AVPH	{ 36 } VERB + NONM' + 1 + 2 /
	{ 54 } VERB + WONM' + 1 + 2 ^ TOPH /
	{ 71 } VERB + NOWM' + 1 + 2 ^ MVPH /
	{ 80 } VERB + WOWNM' + 1 + 2 ^ TOPH ^ MVPH /
	{ 100 } VERB + TOBE + 1 + 2 ^ NDVG + 2
MVPH	{ 100 } to ^ TOPH
NDVG	{ 50 } ADIE /
	{ 100 } NPOV + 1
NOUN	{ 40 } ADIE ^ NOUN + 1 + 2 /
	{ 100 } SUBS + 1 + 2
NPPL	{ 40 } NOUN + PLUR + 1 /
	{ 100 } the ^ NOUN + PLUR + 1 /
NPSI	{ 40 } a ^ NOUN + SING + 1 /
	{ 100 } the ^ NOUN + SING + 1
OBPH	{ 60 } OBJE + 1 /
	{ 100 } OBJE + 1 ^ REBY + 1 + 2
PHRS	{ 100 } SUPH + 1 + 2 ^ VBPH + TENS' + 2
PVPH	{ 48 } VERB + TOBE + 1 + 2 ^ TRAV + PAPL /
	{ 67 } VERB + TOBE + 1 + 2 ^ METV + PAPL /
	{ 100 } VERB + TOBE + 1 + 2 ^ METV + PAPL ^ MVPH
REBY	{ 50 } RELS + 1 ^ VBPH + TENS' + 2 /
	{ 57 } RELO + 1 ^ TNOP + FPFS + FPES /
	{ 64 } RELO + 1 ^ TNOP + TPFS + TPES /
	{ 72 } RELO + 1 ^ TNOP + TPIS + TPES /
	{ 93 } RELO + 1 ^ TNOP + OPPX + OPER /
	{ 100 } RELO + 1 ^ TNOP + TPIP + OPER
SENT	{ 14 } PHRS + FPFS + FPES /
	{ 28 } PHRS + TPFS + TPES /
	{ 43 } PHRS + TPIS + TPES /
	{ 86 } PHRS + OPPX + OPER /
	{ 100 } PHRS + TPIP + OPER
SUPH	{ 60 } SUBJ + 1 /
	{ 100 } SUBJ + 1 ^ REBY + 1 + 2
TNOP	{ 60 } SUPH + 1 + 2 ^ VERB + WONM' + TENS' + 2 /
	{ 100 } SUPH + 1 + 2 ^ VERB + WONM' + TENS' + 2 ^ MVPH
TOPH	{ 14 } OBPH + FPFS + FPES /
	{ 29 } OBPH + TPFS + TPES /
	{ 43 } OBPH + TPIS + TPES /
	{ 86 } OBPH + OPPX + OPER /
	{ 100 } OBPH + TPIP + OPER
PRPL	{ 100 } 1 + 0
PAPL	{ 100 } 1 + 0
INFI	{ 100 } 1 + 0

VBPH { 70 } AVPH + 1 + 2 /
 { 100 } PVPH + 1 + 2
 VWAV { 12 } 1 + 2 + 3 /
 { 25 } TUBE + 2 + 3 ^ PRPL + 1 /
 { 37 } HAVE + 2 + 3 ^ PAPL + 1 /
 { 50 } HAVE + 2 + 3 ^ PAPL + TUBE ^ PRPL + 1 /
 { 62 } AUXV + 2 + 3 ^ INFI + 1 /
 { 75 } AUXV + 2 + 3 ^ INFI + TUBE ^ PRPL + 1 /
 { 87 } AUXV + 2 + 3 ^ INFI + HAVE ^ PAPL + 1 /
 { 100 } AUXV + 2 + 3 ^ INFI + HAVE ^ PAPL + TUBE ^ PRPL +
 VERB { 20 } ADVB ^ VWAV + 1 + 2 + 3 /
 { 100 } VWAV + 1 + 2 + 3

M-regeln

M AUXV + PRST { 100 } TAUX + 2
 PAST { 100 } VAUX + 2
 HAVE + PRST { 100 } PRHV + 2
 PAST { 100 } PAHV + 2
 INFI { 100 } have
 INTV + PRST { 100 } TINT + 2
 PAST { 100 } VINT
 INFI { 100 } IINT
 PRPL { 100 } XINT
 PAPL { 100 } YINT
 MEIV + PRST { 100 } TMEI + 2
 PAST { 100 } VMEI
 INFI { 100 } IMEI
 PRPL { 100 } XMEI
 PAPL { 100 } YMEI
 METV + PRST { 100 } TMET + 2
 PAST { 100 } VMET
 INFI { 100 } IMET
 PRPL { 100 } XMET
 PAPL { 100 } YMET
 NPOV + FPES { 30 } SUPH + FPPS + FPES /
 { 65 } SUPH + TPPS + TPES /
 { 100 } SUPH + TPIS + TPES /
 TPES { 50 } SUPH + TPPS + TPES /
 { 100 } SUPH + TPIS + TPES /
 OPER { 50 } SUPH + OPPX + OPER /
 { 100 } SUPH + TPIP + OPER

OBJE +	FPPS	(100)	me
	TPPS	(20)	him /
		(30)	her /
		(100)	NPSI + PERS
	TPIS	(30)	it /
		(100)	NPSI + IMPR
	OPPX	(15)	us /
		(30)	you /
		(45)	them /
		(100)	NPPL + PERS
	TPIP	(30)	them /
		(100)	NPPL + PERS
PABE +	FPES	(100)	was
	TPES	(100)	was
	OPER	(100)	were
PAHV +	FPES	(100)	had
	TPES	(100)	had
	OPER	(100)	had
PRBE +	FPES	(100)	am
	TPES	(100)	is
	OPER	(100)	are
PRHV +	FPES	(100)	have
	TPES	(100)	has
	OPER	(100)	have
RELO +	FPPS	(100)	whom
	TPPS	(100)	whom
	TPIS	(60)	that
		(100)	which
	OPPX	(100)	whom
	TPIP	(60)	that /
		(100)	which
RELS +	FPPS	(100)	who
	TPPS	(100)	who
	TPIS	(60)	that /
		(100)	which
	OPPX	(100)	who
	TPIP	(60)	that /
		(100)	which
SUBS +	SING	(100)	SUSI + 2
	PLUR	(100)	SUPL + 2
SUSI +	PERS	(100)	SIPR
	IMPR	(100)	SIIM

SUBJ +	FPFS	(100)	I
	TPPS	(20)	he /
		(30)	she /
		(100)	NPSI + PERS
	TPIS	(30)	it /
		(100)	NPSI + IMPR
	OPFX	(15)	we /
		(30)	you /
		(45)	they /
		(100)	NPPL + PERS
	TPIP	(30)	they /
		(100)	NPPL + IMPR
TINT +	FPES	(100)	IINT
	TPES	(100)	QINT
	OPER	(100)	IINT
TMEI +	FPES	(100)	IMEI
	TPES	(100)	QMEI
	OPER	(100)	IMEI
TMET +	FPES	(100)	IMET
	TPES	(100)	QMET
	OPER	(100)	IMET
TUBE +	PRST	(100)	PRBE + 2
	PAST	(100)	PABE + 2
	INFI	(100)	be
	PRPL	(100)	being
	PAPL	(100)	been
TTRA +	FPES	(100)	ITRA
	TPES	(100)	QTRA
	OPER	(100)	ITRA
TRAV +	PRST	(100)	TTRA + 2
	PAST	(100)	VTRA
	INFI	(100)	ITRA
	PRPL	(100)	XTRA
	PAPL	(100)	YTRA

V-regels

Alle alternatieven hebben als kans 100/7

ADIE	glad/ sad/ happy/ big/ extraordinary / long/ red
ADVB	soon/ often/ sometimes/ never/ seldom/ always/ clearly
IINT	sleep/ sneeze/ weep/ fly/ itch/ grow old/ brighten
IMEI	go/ walk/ come/ lie/ listen/ whistle/ nod
IMET	give/ take/ owe/ show/ ask/ explain/ lend
ITRA	wash/ want/ see/ like/ love/ look at/ hate
PLIM	books/ pencils/ mice/ teeth/ watches/ umbrellas / trees
SIIM	book/ pencil/ mouse/ tooth/ watch/ umbrella / tree
PLPR	men/ women/ computers/ boys/ girls/ teachers/ indians
SIPR	man/ woman/ X1/ boy/ girl/ teacher/ indian
QINT	sleeps/ sneezes/ weeps/ flies/ itches/ grows old/ brightens
QMEI	goes/ walks/ comes/ lies/ listens/ whistles/ nods
QMET	gives/ takes/ owes/ shows/ asks/ explains/ lends
QTRA	washes/ wants/ sees/ likes/ loves/ looks at/ hates
TAUX	can/ will/ shall/ ought to/ must/ may/ wont
VAUX	could/ would/ should/ had to/ was to / used to/ liked to
XINT	sleeping/ sneezing/ weeping/ flying/ itching/ growing old/ brightening
XMEI	going/ walking/ coming/ lying/ listening/ whistling/ nodding

XMET giving/ taking/ owing/ showing/
 explaining/ asking/ lending
 YTRA washing/ wanting/ seeing/ liking/
 loving/ looking at/ hating
 YINT slept/ sneezed/ wept/ flown/
 itched/ grown old/ brightened
 YMEI gone/ walked/ comen/ lied/
 listened/ whistled/ nodded
 YMET given/ taken/ owed/ shown/
 explained/ asked/ lent
 YTRA washed/ wanted/ seen/ liked/ loved/
 looked at/ hated
 VINT slept/ sneezed/ wept/ flew/
 itched/ grew old/ brightened
 VMEI went/ walked/ came/ lied/ nodded/
 listened/ whistled
 VMET gave/ took/ owed/ showed/
 explained/ asked/ lent
 VTRA washed/ wanted/ saw/ liked/
 loved/ looked at/ hated

Voorlopige woordenlijst, voor verandering
 en uitbreiding vatbaar.

P-regels

P

NONM (56) INTV /
 (75) TRAV /
 (94) MEIV /
 (100) METV
 NOWM (77) MEIV /
 (100) METV
 WONM (72) TRAV /
 (100) METV
 WOWM (100) METV
 TENS (50) PRST /
 (100) PAST

Gebruikte benamingen.

ADJE	adjective
ADVB	adverb
AUXV	auxiliary verb
AVPH	active verb phrase
FPES	first person singular
FPPS	first person personal singular
HAVE	to have
IINT	intransitive, no "to form" verb (inf. form)
IMEI	intransitive, "to form" verb (inf. form)
IMET	transitive, "to form" verb (inf. form)
IMPR	impersonal
INFI	infinitive
INTV	intransitive, no "to form" verb
MEIV	intransitive, "to form" verb
METV	transitive, "to form" verb
MVPH	"to form"
NDVG	nominal part of verb
NONM	no object, no "to form"
NOUN	noun; adjectives still can be generated
NOVM	no object, "to form"
NPOV	nominal part of verb, no adjective
NPPL	noun, plural
NPSI	noun, singular
OBJE	object
OPER	second person sing. or any person plur.
OPPX	second person sing. or first/ second person plur., pers
PABE	to be, past tense
PAHV	to have, past tense
PAPL	past participle
PAST	past tense
PERS	personal
PERS	sentence, affixes already generated
PLIM	SUPL + IMPR
PLPR	SUPL + PERS
PLUR	plural
PRBE	to be, present tense
PRHV	to have, present tense
PRPL	present participle
PRST	present tense

PVPH	passive verb phrase
QINT	TINT + TPES
QMEI	TMEI + TPES
QMET	TMET + TPES
QTRA	TTRA + TPES
REBY	relative sentence
RELO	relative pronoun, object
RELS	relative pronoun, subject
SENT	sentence
SIDM	SUSI + IMPR
SING	singular
SIPR	SUSI + FLUR
SUBJ	subject
SUBS	noun; adjectives already generated
SUPH	subject phrase
SUPL	SUBS + FLUR
SUSI	SUBS + SING
TAUX	AUXV + PRST
TENS	tense (past or present)
TINT	INTV + PRST
TMEI	MEIV + PRST
TMET	METV + PRST
TNOP	phrase, with transitive verb, but no object
TOBE	to be
TOPH	object phrase
TPES	third person singular
TPIP	third person impersonal plural
TPIS	third person impersonal singular
TPPS	third person personal singular
TRAV	transitive, no "to form" verb
TTRA	TRAV + PRST
VAUX	AUXV + PAST
VBPH	verb phrase
VERB	verb; an adverb can still be generated
VINT	INTV + PAST
VMEI	MEIV + PAST
VMET	METV + PAST
VTRA	TRAV + PAST
VWAV	verb; adverbs already generated

WUUN	object, no "to form"
WUWN	object, "to form"
XINT	INTV + PRPL
XMEI	MEIV + PRPL
XMET	METV + PRPL
XTRA	TRAV + PRPL
YINT	INTV + PAFL
YMEI	MEIV + PAFL
YMET	METV + PAFL
YTRA	TRAV + PAFL

De woordenlijst bestaat op het moment uit
179 woorden.

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