

selnolig: List of English test words

(Package version: 0.288 2013/09/10)

Appearance of “common” ligatures	ff	fi	fl	ffi	ffl	ft	fj	fk	fr
Sample words with these ligatures	off	fit	fly	office	baffle	often	fjord	Kafka	from

Appearance of “discretionary” (“rare”) ligatures	st	ct	sp	as	es	is, th, us	at	et	sk	ll	ij, st, ta
Sample words with these ligatures	stay	act	spy	was	sees	isthmus	cat	net	ask	ill	rijsttafel

Package options and other parameters:

Extent of suppressing f-ligatures: basic or broadf? broadf

Value of \righthyphenmin parameter 3

Part 1: Basic set of f-ligatures suppression rules

- ff to ff
shelfful shelffuls bookshelfful selffulfilling
- fi to fi
(None in basic set)
- fl to fl
beeless briefless hoofless leafless roofless selfless turfless selflessly selflessness
calflike dwarflike elflike gulflike hooflike leaflike rooflike serflike sheaflike shelflike surflike turflike waiflike wolflike
half-life shelf-life half-lives shelf-lives
half-line roof-line half-lines roof-lines
leaflet leaflets leafleted leafletting leafletting leafletted leafleteer
pdf^latex (even better: pdf^lLaTeX or pdf^lLaTeX)
- ffi to ffi
Pfaffian Wolfian Wulfian
- ffl to ffl
cuffless stuffless cufflessly stufflessness
scofflaw scofflaws cufflink cufflinks

- offline
offload offloads offloading offloaded
rufflike clifflike
- ffi to ffi
chaffinch chaffinches wolfish wolfishly
- ffl to ffl
safflower
- ft to ft
chieftain chieftaincy chieftaincies chieftainship chief-tainships
half-time half-tone half-times half-tones
rooftop rooftops rooftop roof-trees
wolftrap caltrap leaftrap off-track
fifth fifths fifthly twelfth twelfths
- fr to fr (italic font shape only)
proofread proofreader proofroom off-ramp taffrail
- fb, fh, fj, and fk ligatures: suppressed globally
halfback golfball goofball wolfberry halfbeak hoofbeat
surfbird surfboard surfboarder surfboat
halfhearted self-heal leathopper selfhood serfhood
wolfhound
offbeat puffball snuffbox
cliffhanger offhand offhanded offhandedly

cliffjumper

offkey

but: Kafka, Sognefjord, Dovrefjell

Part 2: Further f-ligatures suppressed if “broadf” option is set

- ff to ff
(No extra cases in broadf set)
- fi to fi
elfin
chafing lea^hing loa^hing shea^hing stra^hing vouchsa^hing
bee^hing ree^hing bree^hing debrie^hing coif^hing fif^hing jack^h
knif^hing knif^hing midwif^hing wait^hing wif^hing
airproof^hing childproof^hing fireproof^hing flameproof^hing
mothproof^hing rustproof^hing soundproof^hing water^h
proof^hing weatherproof^hing proof^hing
goof^hing hoof^hing ree^hroof^hing roof^hing spoof^hing whoof^hing
woof^hing
begul^hing engul^hing ingul^hing gul^hing gol^hing rol^hing
sel^hing wol^hing bar^hing
bedwar^hing dwar^hing enser^hing ker^hing scar^hing snarf^h
ing sur^hing tur^hing wharf^hing windsurf^hing
deaf^hish dwarf^hish elf^hish oaf^hish self^hish ser^hish unself^hish
wolf^hish
deaf^hishly dwarf^hishly elf^hishly oaf^hishly self^hishly ser^hishly
unself^hishly wolf^hishly
deaf^hishness dwarf^hishness elf^hishness oaf^hishness self^hish^h
ness ser^hishness unself^hishness wolf^hishness
bee^hfier com^hfier goof^hier gul^hfier lea^hfier sur^hfier tur^hfier
bee^hfiest com^hfiest goof^hiest gul^hfiest lea^hfiest sur^hfiest tur^hfi^h
est
bee^hfily goof^hily goof^hiness
- fl to fl
aloof^hly brief^hly chief^hly dea^hfly lie^hfly
- ffi to ffi
baff^hing biff^hing outbuff^hing bluff^hing boff^hing buff^hing
chaff^hing cheff^hing chuff^hing coff^hing coiff^hing handcuff^hing
uncuff^hing cuff^hing daff^hing doff^hing enfeoff^hing infeoff^hing
feoff^hing fluff^hing gaff^hing gruff^hing huff^hing luff^hing miff^h
ing muff^hing off^hing piaff^hing puff^hing quaff^hing rebuff^hing
reff^hing restaff^hing restuff^hing ruff^hing crossruff^hing over^h
ruff^hing under^hruff^hing ruff^hing sclaff^hing scoff^hing scuff^hing
shroff^hing sluff^hing snuff^hing snuff^hing spiff^hing over^hstaff^h
ing under^hstaff^hing staff^hing stiff^hing over^hstuff^hing stuff^hing
tariff^hing tiff^hing waff^hing whiff^hing yaff^hing

draff^hish giraff^hish gruff^hish off^hish raff^hish sniff^hish stand^h
off^hish stiff^hish toff^hish

draff^hishly giraff^hishly raff^hishly

buff^hier chaff^hier chuff^hier cliff^hier daff^hier fluff^hier gruff^hier
huff^hier iff^hier miff^hier puff^hier scruff^hier sniff^hier snuff^hier
spiff^hier stuff^hier

buff^hiest chaff^hiest chuff^hiest cliff^hiest daff^hiest fluff^hiest
gruff^hiest huff^hiest iff^hiest miff^hiest puff^hiest scruff^hiest sniff^h
iest snuff^hiest spiff^hiest stuff^hiest

daff^hily fluff^hily gruff^hily huff^hily puff^hily scruff^hily sniff^hily
snuff^hily spiff^hily stuff^hily

fluff^hiness huff^hiness iff^hiness puff^hiness scruff^hiness sniff^h
iness spiff^hiness stuff^hiness

baff^hies biff^hies jiff^hies stuff^hies taff^hies toff^hies waff^hie waff^hies

- ffi to ffi
bluff^hly gruff^hly ruff^hly snuff^hly stiff^hly
- ffi to ffi
(No extra cases in broadf set)
- ffi to ffi
(No extra cases in broadf set)
- ft to ft
fifty fifty^hish
fifties fiftieth fiftieths
fifteen fifteens fifteenth fifteenths

Part 3: Ligatures suppressed if “hdlig” option is set

- ct to ct
arctangent coarctation
- st to st
First reason: “th” (from θ or ϑ) after “s”:
asthma isthmus aesthetic
Esther
Second reason: avoid instances of st spanning a mor^h
pHEME boundary
painstaker painstaking dogstail crosstalk gastight
distasteful distemperate distended distort distract dis^h
traught distribute distributed distribution distrust
disturb
but: distant distillation district
mistrust mistake mistaken
Maastricht

Charlestown crosstown

And, do not suppress the st ligature for the following words, since no morpheme boundaries are involved:
castle forecastle, nestle wrestle, bristle bristle tail
distelfink epistle glisten gristle listen mistletoe thistle
whistle, apostle jostle, bustle hustle rustle

- \$p to sp

First reason: “ph” (from ϕ or φ) after “s”:

asphalt asphodel asphyxiate blaspheme blasphemy
dysphagia dysphonia dysphoria sphagnum sphinx
atmosphere bathysphere biosphere blogosphere eco-
sphere exosphere hemisphere hydrosphere ionosphere
magnetosphere stratosphere
spherical sphericity spheroid
phosphorous phosphates phosphorescent

Second reason: don’t cross morpheme boundaries

clothespin clothespress

passport

businesspeople congresspeople craftspeople dispeople
newspeople salespeople spokespeople townspeople
tradespeople tribespeople

businessperson congressperson craftsman draftsper-
son newsperson salesperson spokesperson

transpacific transparent transpersonal transpierce
transplant transplacental transpolar transport trans-
pose transposon

(but: transpicious transpire transponder)

(also: respond despondent correspond correspond)

trespass trespassing

cisplatin

disparage disparaged disparagement disparagements
disparager disparagers disparages disparaging dispar-
agingly

disparate disparately disparateness disparatenesses

disparities disparity dispart departed departing dis-
parts

dispassion dispassionate dispassionately dispassionate-
ness dispassionatenesses dispassions

dispatch dispatched dispatcher dispatchers dispatches
dispatching

dispel dispelled dispelling dispels

dispend dispended dispending dispends dispensabili-
ties dispensability dispensable dispensaries dispensary
dispensation dispensational dispensations dispen-
satories dispensatory dispense dispensed dispenser
dispensers dispenses dispensing

dispeople dispeopled dispeoples dispeopling

displace displaceable displaced displacement displace-
ments displaces displacing

displant displanted displanting displants

display displayable displayed displaying displays

displease displeased displeases displeasing displeasure
displeasures

displode disploded displodes disploding displasion
displasions

displume displumed displumes displuming

disport disported disporting disportment disport-
ments disports

disposabilities disposability disposable disposables
disposal disposals dispose disposed disposer disposers
disposes disposing

disposition dispositional dispositions dispositive

dispossess dispossessed dispossesses dispossessing dis-
possession dispossessions dispossessor dispossessors

disposure disposures

dispraise dispraised dispraiser dispraisers dispraises
dispraising dispraisingly

disprize disprized disprizes disprizing

disproof disproofs

disproportion disproportional disproportionate dis-
proportionated disproportionately disproportionates
disproportionating disproportionation disproportion-
ations disproportioned disproportioning disproportion-
tions

disprovable disprove disproved disproven disproves
disproving

disputable disputably disputant disputants disputa-
tion disputations disputatious disputatiously disputa-
tiousness disputatiousnesses dispute disputed disputer
disputers disputes disputing

but: espresso (ignore word’s etymological origins...)

indispensabilities indispensability indispensable in-
dispensableness indispensablenesses indispensables
indispensably

indispose indisposed indisposes indisposing indisposi-
tion indispositions

indisputable indisputableness indisputablenesses in-
disputably

misperception misphrase misplace misplant misplay
misprize misprint mispronounce

predispose predisposed predisposes predisposing pre-
disposition predispositions

redisplay redisplayed redisplaying redisplays

redispose redisp^osed redisp^oses redisp^osing redisp^osition redisp^ositions
 undisputable undisput^ed
 suspend susp^ended susp^ends susp^ension
but: disp^ersal disp^ersals disp^ersant disp^ersants disp^eperse
 disp^ersed disp^ersedl^y disp^erser disp^ersers disp^erses
 disp^ersible disp^ersing disp^ersion disp^ersions disp^ersive
 disp^ersivel^y disp^ersiven^ess disp^ersiven^esses
 disp^ersoid disp^ersoids
 disp^erit disp^erit^ed disp^erit^edly disp^erit^edness disp^erit^eednesses disp^erit^eing disp^erits
 disp^erit^eous
 disp^eread disp^ereadⁱng disp^ereads
 monodisp^erse nondisp^erse
 polydisp^erse polydisp^ersities polydisp^ersity

Note: The test words in the remainder of this document are generally set in *italics* because the upright shapes of the text fonts used in this document (Garamond Premier Pro and EB Garamond) do not feature the ligatures *th*, *at*, *et*, *as*, *es*, *is*, *us*, *sk*, *ll*, and *ij*.

- *th* to *th*

bathouse boathouse cathouse courthouse guesthouse hot-house lighthouse nuthouse oasthouse outhouse penthouse pesthouse pilothouse pothouse
bolthead cathead fathead flathead gilthead bothead lightheaded masthead meathead pithead pothead print-head softhead softheaded
fainthearted greathearted lighthearted softhearted stout-hearted sweetheart sweethearts
adulthood aunthood knighthood parenthood priesthood prophet-hood sainthood servanthood
bolthole knothole porthole pothole pesthole pothole rat-hole
boathook meathook pothook
foothold potholder roothold
anthill foothill
goatherd neatherd
outhaul outhear outhit outhomer outhowl outhumor outhunt outhuttle
shorthair shorthanded shorthorn
antiapartheid apartheid dustheap firsthand nighthawk postharvest
posthumous posthumously

pothunt warthog
watthour kilowatthour
Gottthard

- *at* to *at*

anathema aromatherapy intrathoracic metathesis ultrathin ultrathick

- *et* to *et*

ninetieth ninetieths ninety nineteen
nametag
betake betatter betray betroth
bluetooth
detach detain detail
detect undetectable detective
detent detention detest
detract detrain detribalize detriment detritus
bristletail dovetail horsetail
cheetah chetah caretaker
foretell fortunetelling
detergent deteriorate deterrent determinant
preterm pretext
retext teletext
bluetick detick
betide yuletide
betime beforetime lifetime peacetime sometime
detrain drivetrain houstrain pretrain retrain
firetrap livetrapp mousetrap
axletree saddletree shoetree
timetable
preteen pretend pretence pretense pretentious pretest pretext pretiling
pretreat pretrim pretrial
retag retape retake reteach retie retile retime retint retire retiring retile retrace retrack retract retrans retransmit retreat retread retrench retrieve retribution retries retrim retune
return unreturnable
entirety surety safety
entireties sureties safeties (EB Garamond for “es” lig.)
archetype archetypal
subtlety teletype teletypewriter

- *as* to *as*

ultrasound ultrasophisticated ase
infrastructure seastrand
teaspoon infraspecific intraspecies intraspecific

- *es* to *es* (EB Garamond)
loft^{est} scar^{iest} funn^{iest} (lots of words ending in “iest”)
estrange estate establish
but: tresp^{ass}
- *is* to *is*
Lots of words starting with “anti...”: anti^{sag} anti^{satellite} anti^{science} anti^{secrecy} anti^{sense} anti^{septic} an^{tishark} anti^{ship} anti^{shock} anti^{skid} anti^{slavery} anti^{slip} anti^{mog} anti^{smoke} anti^{smuggling} anti^{smut} anti^{social} anti^{solar} anti^{spasmodic} anti^{speculative} anti^{static} anti^{stick} anti^{stress} anti^{strike} anti^{submarine} anti^{subversion} anti^{symmetric} anti^{syphilitic}
but: mant^{issa}, gigan^{tism}, sycophan^{tism}, sycophan^{tish}
- *sk* to *sk* (EB Garamond)
green^skeeper ground^skeeper
triska^{de}kaphobia rath^skeller
mis^{keep} mis^{kept} mis^{kick} mis^{know}
Cat^skills Peek^skill
- *ll* to *ll*
an^tmall^{like} bow^llike eel^like jewel^like owl^like petal^like
seal^like snail^like soul^like tail^like tunn^like veill^like wool^like
bow^lless coal^lless goal^lless heel^lless ideal^lless keel^lless mail^lless
meal^lless recoi^lless skill^lless skill^lessness skill^lessnesses
soil^lless soul^lless soul^llessly soul^llessness soul^llessnesses tail^lless
tool^lless trail^lless wheel^lless
- *ij* to *ij*
anti^jjam hij^{ack} dem^johns hij^{ack}s
trij^{et} trij^{ets}
bije^{ction} bije^{ctive}
bijou bijou^{terie}
gai^jin
jip^tjapa mar^jijuana frij^{oles}
but: mijn^{beer}, de Bruijn, rij^stafel (from Dutch)

Part 4: Cases where one ligature pre-empt^s the use of a subsequent ligature

Cases of *as*, *es*, *is*, and *us* ligatures pre-empt^s use of *st* ligature

- *as* pre-empting *st*
abreast aghast alabaster antipasto astern astir astonish
astound astride astringent astronomy astute avast

bastard baste beast blast bo^{ast} breakfast breas^t
cast caste coast catastrophe chaste coast contrast
devastate disaster drastic dynasty
east ecclesiastic fast fasten feast forecast
ghas^tly gastronomy gymnastics haste lambast last least
mast master megastar metastable nasty oast oasthouse
past pasta pastel pastor pasteurize plastic roast
scholastic spastic steastfast stostochastic toast upstcoas^t waste
yeast

- *es* pre-empting *st*
establish estate estem ester estrange estuary
west
- *is* pre-empting *st*
fist gist grist heist list mist
administer statistics statistcally
plus, hundreds of words ending in -ist: astivist agronost
mist biolostgist etc.
but: missthink missthrow calissthenic
- *us* pre-empting *st*
bust crust disgstust dust exhastust joust just lust must oust
rust thrust wanderstlust

Cases of *at* and *et* ligatures pre-empt^s a *th* ligature

- *at* ligature preempting the *th* ligature
bath math lath lathe path
athe^{ism} athle^{te}
beneath bequeath blather breath
cathar^{sis} catheter cathode catholic cathol^{ic}ism
death emp^{ath}y fath^{er} fathom feather
gather heath heathen loath
mar^{ath}on oath pathetic pathology
rather rathskeller
scathe sheath slather strath swath
triath^lon triath^lete weather wrath wreath

Words for which the *at* ligature need not be sup^{pressed} in favor of the *th* ligature: bathhouse boathouse
cathouse boathook meathook goatherd neatherd cathead
fathead flathead meath^{ead} rath^{ole} greathearted

- *et* ligature preempting the *th* ligature

bethank bethink bethorn bethought bethump
dethrone doublethink firethorn flamethrower fore-
thought freethinker methinks nonetheless nonethical
rethink rethread something whitethroat
twentieth thirtieth fortieth fiftieth sixtieth seventieth
eightieth ninetieth hundreth
amethyst bellwether brethren ethical ethane ether ethnic
ethyl lethal lethargic methadone method plethora seethe
teeth teethe tether together urethane

Words for which *et*-ligature need not be suppressed:
Beethoven prophethood sweetheart sweethearts

Cases of *as*-, *es*-, *is*-, and *us*-ligatures preempting use of *ſp*-ligature

aſparagus aſpidiſtra aſpect aſpire Caſper Caſpar claſp gaſp
graſp haſp Jaſper raſp raſpberry waſp

Note: To typeset *aſp* with an *ſp* ligature, one must input it as “a\kern0pt sp”

megaſpores tetraſpore
archeſporia beſpeak beſpake beſpoke beſpatter beſprinkle
eſpy eſpied eſpionage countereſpionage
deſpair deſperation deſperado deſpiſe deſpite
eſpecially eſplanade eſpouſe
fineſpun homeſpun geländeſprung
preſpectified
reſpell reſpire reſpiratory reſpect diſreſpect doubleſpeak re-
ſpray reſpring tableſpoon

but: *clotheſpin clotheſpreſſe deſpot ſaleſpeople ſpokeſperson*
treſpaſſe

criſp liſp whiſper wiſp

but: *diſpariety diſpart miſpackage miſplace*

cuſp tricuſpid, auſpicious ſuſpect ſuſpicious

but: *ſuſpend ſuſpenſe ſuſpenſion etc.*

Cases of an *et* ligature preempting a *ta* ligature

Note: It appears to be the case that in all instances for which an *et* ligature should be suppressed in favor of a subsequent *ta* ligature, the *et* ligature spans a morpheme boundary and hence shouldn't be used anyway. Some examples:

betake betatter briſtleſtail caretaker cheetah chetah detach de-
tail detain dovetail foretaſte horſetail nametag pretake pretape
pretaſte pretax retake retack retag retape retake retaliate retard
retarget whitetail wiretap

Note that the *et*-ligature should not be suppressed globally in favor of a subsequent *ta* ligature because of the following groups of words:

- Words ending in -et-ary: *budgetary dietary monetary planetary proprietary secretary*
- Words ending in -et-able : *covetable depletable getable interpretable marketable pocketable vegetable*
 but: *retable, timetable*
- Words ending in -et-al: *centripetal metal petal skeletal societal varietal vegetal*
- Words containing metal: *metal metallic metallurgy*