

# selnolig-english-test

(Package version: 0.256; 2013/08/26)

Appearance of “common” ligatures ff fi fl ffi ffi 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, sl, 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

beefless briefless hoofless leafless roofless selfless turfless selflessly selflessness

calflike dwarflike elflike gulflike hooflike leaflike rooflike serflike sheaflike shelflike surflike turflike waiflike wolflike

halflife shelflife halflives shelflives

halfline roofline halflines rooflines

leaflet leaflets leafleted leafleting leafletting leafleted leafleteer

pdf<sup>flat</sup>tex (even better: pdf<sup>La</sup>TeX or pdf<sup>L</sup>TeX)

- ffi to ffi

Pfaffian Wolffian Wulfian

- ffl to ffl

cuffless stuffless cufflessly stufflessness

scofflaw scofflaws cufflink cufflinks

offline

offload offloads offloading offloaded

rufflike clifflike

- ffi to ffi

chaffinch chaffinches wolffish wolfishly

- ffl to ffl

safflower

- ft to ft

chieftain chieftaincy chieftaincies chieftainship chieftainships

halftime halftone halftimes halftones

rooftop rooftops rooftree rooftrees

wolftrap calftrap leaftrap offtrack

fifth fifths fifthly twelfth twelfths

- fr to fr (italic font shape only)

proofread proofreader proofroom

- fb, fh, fj, and fk ligatures

halfback golfball goofball wolfberry halfbeak hoofbeat

surfbird surfboard surfborder surfboat

halfhearted selfheal leafhopper selfhood serfhood

wolfhound

offbeat puffball snuffbox

cliffhanger offhand 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 leafing loafing sheafing strafing vouchsafing  
beefing reefing briefing debriefing coifing fifing jack  
knifing knifing midwifing waifing wifing

airproofing childproofing fireproofing flameproofing  
mothproofing rustproofing soundproofing water  
proofing weatherproofing proofing

goofing hoofing re roofing roofing spoofing whoofing  
woofing

begul ingul engulfing engulfing gulping golping rolping  
selfing wolping barpling

bedwarfing dwarfing enserfing kerfing scarfing snarf  
ing surfing turfing wharfing windsurfing

deafish dwarffish elfish oafish selfish serifish unselfish  
wolfish

deafishly dwarfishly elfishly oafishly selfishly serifishly  
unselfishly wolfishly

deafishness dwarfishness elfishness oafishness selfish  
ness serifishness unselfishness wolfishness

beefier comfier goofier gulfier leafier surfier turfier

beefiest comfiest goofiest gulfiest leafiest surfiest turfi  
est

beefily goofily goofiness

- fl to fl

aloofly briefly chiefly deafly liefly

- ffi to ffi

baffing biffing outbluffing bluffing boffing buffing  
chaffing cheffing chuffing coffing coiffing handcuffing  
uncuffing cuffing daffing doffing enfeoffing infoeffing  
feoffing fluffing gafting gruffing huffing luffing miff  
ing muffing offing piaffing puffing quaffing rebuffing  
reffing restaffing restuffing riffling crossruffing over  
ruffing underruffing ruffing sclaffing scoffing scuffing  
shroffing sluffing sniffing snuffing spiffing overstuffed  
ing understaffing staffing stuffing overstuffed stuffing  
tariffing tiffing waffing whiffing yaffing

draffish giraffish gruffish offish raffish sniffish stand  
offish stiffish toffish

draffishly giraffishly raffishly

buffier chaffier chuffier cliffier daffier fluffier gruffer  
huffer iffier miffier puffer scruffier sniffer snuffier  
spiffer stuffier

buffiest chaffiest chuffiest cliffiest daffiest fluffiest  
gruffiest huffiest iffiest miffiest puffiest scruffiest sniff  
iest snuffiest spiffiest stuffiest

daffily fluffy gruffily huffily puffily scruffily sniffily  
snuffily spiffily stuffily

fluffiness huffiness iffiness puffiness scruffiness sniffi  
ness spiffiness stuffiness

baffles biffies jiffies stuffies taffies toffies waffie waffles

- ffi to ffi

bluffly gruffly ruffly snuffly stiffly

- ffi to ffi

(No extra cases in broadf set)

- ffi to ffi

(No extra cases in broadf set)

- ft to ft

fifty fiftyish

fifties fiftieth fiftieths

fifteen fifteens fifteenth fifteenths

## Part 3: Ligatures suppressed if “hdlg” op tion is set

- ct to ct

arctangent coartation

- 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  
pheme boundary

painstaker painstaking dogtail crosstalk gastight

distasteful distemperate distended distort distract dis  
traught distribute distributed distribution distrust  
disturb

*but:* distant distillation district

mistrust mistake mistaken

Maastricht

Charlestown crosstown

*And, do not suppress the st ligature for castle fore-  
castle, nestle wrestle, bristle bristletail 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  
photophorous phosphates phosphorescent

Second reason: don’t cross morpheme boundaries

clothespin clothespress

passport

businesspeople congresspeople craftspeople dispeople  
newspople salespeople spokespeople townspeople  
tradespeople tribespeople

businessperson congressperson craftsperson draftsperson  
newsperson salesperson spoksperson

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

(but: transpicuous transpire transponder)

(also: respond respondent correspond correspond)

trespass trespassing

cisplatin

disparage disparaged disparagement disparities  
disparager disparagers disparages disparaging dispar-  
agingly

disparate disparate disparity disparateness

disparities disparity dispart disparted disparting dis-  
parts

dispassion dispassionate dispassionately dispassionate-  
ness dispassionatenesses dispassions

dispatch dispatched dispatcher dispatchers dispatches  
dispatching

dispel dispelled dispelling dispels

dispense dispended dispensing dispends dispensabili-  
ties dispensability dispensable dispensaries dispensary  
dispensation dispensational dispensations dispensa-  
tories dispensatory dispense dispensed dispenser  
dispensers dispenses dispensing

dispeople dispeopled dispeoples dispeopling  
displace displacable 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 dislosion  
displosions  
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 dispositions  
dispraise dispraised dispraiser dispraisers dispraises  
dispraising dispraisingly  
disprize disprized disprizes disprizing  
disproof disproofs  
disproportion disproportional disproportionate dis-  
proportionated disproportunately disproportionates  
disproportionating disproportionation disproportio-  
nations disproportioned disproportioning dispropor-  
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  
espresso (— from ex and press, right?!)  
indispensabilities indispensability indispensables in-  
dispensable indispensenesses indispensables  
indispensably  
indispose indisposed indisposes indisposing indisposi-  
tion indispositions  
indisputable indisputableness indisputablenesses in-  
disputably  
misperception misphrase misplace misplant misplay  
misprice misprint mispronounce  
predispose predisposed predisposes predisposing pre-  
disposition predispositions  
redisplay redisplayed redisplaying redisplays

redispose redisposed redisposes redisposing redisposition  
redispositions  
undisputable undisputed  
suspend suspended suspends suspension  
*but*: dispersal dispersals dispersant dispersants disperse  
dispersed dispersedly disperser dispersers disperses  
dispersible dispersing dispersion dispersions dispersive  
dispersively dispersiveness dispersivenesses  
dispersoid dispersoids  
dispirit dispirited dispiritedly dispiritedness dispirit  
ednesses dispiriting dispirits  
dispiteous  
dispread dispreaching dispreads  
monodisperse nondispersive  
polydisperse polydispersities polydispersity

Note: The test words in the remainder of this document are generally set in *italics* because the text font that's used by the "driver" program, *selnolig-english-test.tex*, does not feature the applicable ligatures in the upright font shape.

- *th* to *th*

bathhouse boathouse cathouse courthouse guesthhouse hot-  
house lighthouse nutthouse oasthouse outhouse penthouse  
pesthouse pilothouse pothouse  
bolthead cathead falthead flatthead gillthead hothead  
lightheaded masthead meathead pithead pothead print-  
head softthead softtheaded  
fainthearted greathearted lighthearted softhearted stout-  
hearted sweetheart sweethearts  
adulthood aunthood knighthood parenthood priesthood  
prophethood sainthood servanthood  
bolthole knothole porthole posthole pesthole pothole rat-  
hole  
boathook meathook pothook  
foothold potholder roothold  
anthill foothill  
goatherd neatherd  
outhaul outbear outhit outhomer outhowl outhumor  
outhunt outhustle  
shorthair shorthanded shorthorn  
antiapartheid apartheid dustheap firsthand nighthawk  
postharvest  
posthumous posthumously  
pothunt warthog  
watthour kilowatthour  
Gotthard

- *at* to *at*

anathema aromatherapy intrathoracic metathesis ultra-  
thin 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 housetrain pretrain retrain

firetrap livetrap mousetrap

axletree saddletree shoetree

timetable

preteen pretend pretence pretense pretentious protest pre-  
text prettling

pretreat pretrim pretrial

retag retape retake reteach retie retile retime retint retire  
retiring retile retrace retrack retract retrans retrans-  
mit retreat retranch retrieve retribution retries  
retrim retune

return unreturnable

entirety surety safety

entireties sureties safeties (EB Garamond for "es"!)

archetype archetypal

subtlety teletype teletypewriter

- *as* to *as*

teaspoon infrastructure seasstrand

infra-specific intra-species intra-specific

ultrasound ultrasophisticated

- *es* to *es* (EB Garamond)
 

*loftiest scariest funniest* (lots of words ending in “iest”)

*estrange estate establish*  
but: *trespass*
- *is* to *is*  
 Lots of words starting with “anti...”: *antisag anti-satellite anti-science anti-secrecy anti-sense anti-septic anti-shark anti-ship anti-shock anti-skid anti-slavery anti-slip anti-smog 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-syphilitics*  
but: *mantissa, gigantism, sycophantism, sycophantish*
- *sk* to *sk* (EB Garamond)  
*greenskeeper groundskeeper*  
*triskalidekaphobia rathskeller*  
*miskeep miskept miskick misknow*  
*Catskills Peekskill*
- *ll* to *ll*  
*animallike bowllike eellike jewellike owllike petallike*  
*seallike snaillike soullike taillike tunnellike veillike wool-like*  
*bowelless coalless goalless heelless idealless keelless mail-less*  
*mealless recoilless skilless skilllessness skillesnesses*  
*soilless soulless soullessly soullessness soullessnesses tailless*  
*toolless trailless wheelless*
- *ij* to *ij*  
*anti-jam hijack demijohns hijinks*  
*trijet trijets*  
*bijection bijective*  
*bijou bijouterie*  
*gaijin*  
*jiplijapa marijuana frijoles*  
but: *mijnheer, de Bruijn, rijsttafel (from Dutch)*

## Part 4: Cases where one ligature pre-empts the use of a subsequent ligature

Cases of *as*, *es*, *is*, and *us* ligatures pre-empting use of *ſt* ligature

- *as* pre-empting *ſt*

*abreast agaſt alabaster antipasto aſtern aſtir aſtoniſh*  
*aſtound aſtride aſtrigent aſtronomy aſtute avaſt*  
*baſtard baſte beaſt blaſt blaſt blaſt blaſt blaſt*  
*caſt caſte caſt caſtrophe chaſte caſt caſt caſt*  
*devaſtate diſaſter draſtic dynaſty*  
*eаſt ecclesiаſtic faſten feaſt forecaſt*  
*ghaſtly gaſtronomy gymnaſtics hаſte lambaſt laſt leaſt*  
*maſt maſter megaſtar metaſtable naſty oаſt oаſthouse*  
*paſt paſta paſtel paſtor paſteurize plaſtic roaſt*  
*ſcholaſtic ſpaſtic ſteadfaſt ſtochaſtic toaſt upcoaſt waſte*  
*yeaſt*

- *es* pre-empting *ſt*  
*eaſt eaſt eaſt eaſt eaſt eaſt eaſt eaſt eaſt eaſt eaſt*
- *is* pre-empting *ſt*  
*fiſt giſt griſt heiſt liſt miſt*  
*adminiſter ſtatistiſts ſtatistiſtically*  
 plus, hundreds of words ending in -iſt: *activiſt agronomiſt biologiſt etc.*  
but: *miſthink miſthrow caliſthenic*
- *us* pre-empting *ſt*  
*buſt cruſt diſgufſt duſt exhauſt joush juſt luſt muſt ouſt*  
*ruſt throuſt wandeſluſt*

Cases of *at* and *et* ligatures pre-empting a *th* ligature

- *at* ligature preempting the *th* ligature  
*bath math lath lathe path*  
*atheiſm athleſte*  
*beneath bequeaſt blather breath*  
*catharſis catheter cathode catholic catholicism*  
*death empathy father fathom feather*  
*gather heath heaſthen loath*  
*marathon oath pathetiſc pathology*  
*rather rathskeller*  
*ſcathe ſheathe ſlather ſtrath swath*  
*triathlon triathleſte weather wreath*

Words for which the *at* ligature need not be suppressed in favor of the *th* ligature: *bathhouse boathouse*  
*cathouse boathook meathook goatherd neatherd cathead*  
*fathead flathead meathead rathole greathearted*

- *et* ligature preempting the *th* ligature  
*bethank bethink bethorn bethought bethump*  
*dethrone doublethink firehorn flamethrower forethought*  
*freethinker methinks nonetheless nonethical rethink*  
*rethread something whitethroat twentieth thirtieth fortieth fiftieth sixtieth seventieth eightieth ninetieth hundredth amethyst bellwether brethren ethical ethane ether ethnic ethyl lethal lethargic methadone method plethora seethe teeth tee the tether together urethane*

Words for which *et*-ligature needn't be suppressed:  
*Beethoven prophethood sweetheart sweethearts*

### Cases of *as-*, *es-*, *is-*, and *us-*ligatures pre-empting use of *ſþ*-ligature

*asparagus aspidistra aspect aspire Casper Caspar clasþ gasþ*  
*graþ haþ Jasþ rasþ berry waþ* (but what to do about *asp?*)  
*megadþores tetraþpore*  
*archeþpacia besþpake besþpatter besþpeak besþpoke besþpoke besþprinkle*  
*eþpy eþpied eþptionage counteresþtionage*  
*desþpair desþperation desþperado desþpise desþpise*  
*esþpecially esþplanade esþpouse*  
*finþfun homeþpun gelandþprung*  
*presþpectif*  
*resþpell resþpire resþpiratory resþpect disþrespect doubleþpeak reþspray reþpring tableþpoon*

but: *clothespin clothespress despots people spokespersion trespass*

*crisp lisþ whisper wisþ*

but: *disparity dispart mispackage misplace*

*cusþ tricuspid, auþpicious susþpect susþicious*

but: *suspend suspense suspension etc.*

### Cases of an *et* ligature pre-empting 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 betatler briþtail caretaker cheetah detach detail detain dovetail foretaste horsetail nametag pretake pretape pretaste pretax retable retack retag retape retake retaliate retard retard get 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*