Chocolate Exploratory Data Analysis

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Introduction

```
library(tidyverse)
source(here::here("R", "utils.R"))
chocolate <- readRDS(here::here("data", "chocolate.Rds"))
theme_set(theme_minimal())</pre>
```

The data for this project come from week 3 of 2022 Tidy Tuesday, available here. They consist of ratings for nrow(chocolate) chocolate bars. Useful features include country of origin, manufacturing company, ingredients, and words used by taste-testers to describe each bar. (How do I get that job?) I have preprocessed the data by extracting these descriptive words into columns and creating a dummy column for each ingredient.

The Response

Chocolate bar quality is rated on a scale from 1 to 4 inclusive, with increments of 0.25. The mean is 3.1963439. I will have to round predictions to that scale, and I may have to create a custom loss function to accommodate it.

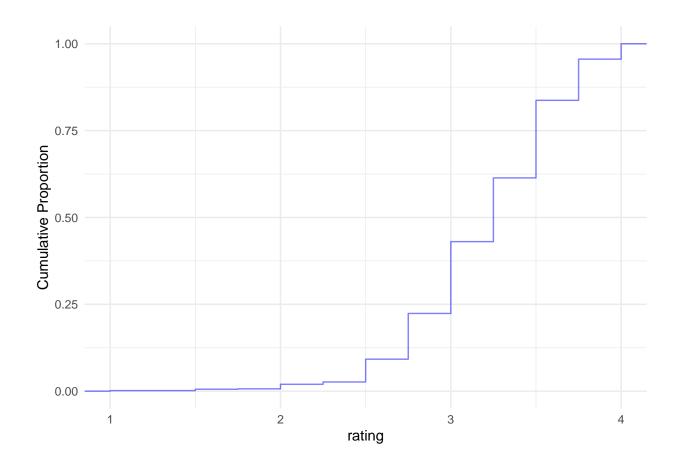
```
ratings <- vec2DF(table(chocolate[["rating"]]))
ratings</pre>
```

1	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
4	10	3	33	17	166	333	523	464	565	300	112

```
write_csv(ratings, here::here("outputs", "ratings.csv"))
```

The empirical cumulative distribution of ratings.

```
ggplot(chocolate, aes(x = rating)) +
  stat_ecdf(geom = "step", color = "blue", alpha = .5) +
  labs(y = "Cumulative Proportion")
```



Countries of Origin

The vast majority of companies are American, which may reflect bias in the data.

The cacao beans used to make the chocolate bars come from just six countries.

```
table_head(chocolate[["company_location"]])
```

```
table_head(chocolate[["country_of_bean_origin"]]) |>
  vec2DF()
```

Venezuela	Peru	Dominican Republic	Ecuador	Madagascar	Blend
253	244	226	219	177	156

Flavor Description

I created five dummy columns to hold each word or phrase used to describe each bar. Many bars had fewer terms, so I filled the columns with NA.

Most of the words seem to describe bar flavors ("oily", "sweet", etc.); fewer convey direct sentiments. They may still be useful as predictors if the testers consistently preferred some combinations of ingredients to others.

The worst-rated bars have some amusing words.

```
chocolate <- select(chocolate, -characteristic5)
filter(chocolate, rating == 4) |>
    select(starts_with("characteristic")) |>
    head()
```

characteristic1	characteristic2	characteristic3	characteristic4
oily	nut	caramel	raspberry
sweet	cocoa	tangerine	NA
delicate	hazelnut	brownie	NA
light color	fruit	yogurt	NA
strong spice	intense pepper	NA	NA
tart	lemon	smoke	NA

```
filter(chocolate, rating == 1) |>
  select(starts_with("characteristic"))
```

characteristic1	characteristic2	characteristic3	characteristic4
bitter	cocoa	NA	NA
chalky	musty	very bitter	NA
this is not chocolate	NA	NA	NA
pastey	strong off flavor	NA	NA

```
all_words <- select(chocolate, starts_with("characteristic")) |>
  unlist() |>
  na.omit()

length(all_words)

[1] 7060

library(tidytext)
get_sentiments("bing")
```

word	sentiment
2-faces	negative
abnormal	negative
abolish	negative
abominable	negative
abominably	negative
abominate	negative
abomination	negative
abort	negative
aborted	negative
aborts	negative
abound	positive
abounds	positive
abrade	negative
abrasive	negative
abrupt	negative
abruptly	negative
abscond	negative
absence	negative
absent-minded	negative
absentee	negative
absurd	negative
absurdity	negative
absurdly	negative
absurdness	negative
abundance	positive
abundant	positive
abuse	negative
abused	negative
abuses	negative
abusive	negative
abysmal	negative
abysmally	negative
abyss	negative
accessable	positive
accessible	positive
accidental	negative
acclaim	positive
acclaimed	positive

word	sentiment
acclamation	positive
accolade	positive
accolades	positive
accommodative	positive
accomodative	positive
accomplish	positive
accomplished	positive
accomplishment	positive
accomplishments	positive
accost	negative
accurate	positive
accurately	positive
accursed	negative
accusation	negative
accusations	negative
accuse	negative
accuses	negative
accusing	negative
accusingly	negative
acerbate	negative
acerbic	negative
acerbically	
ache	$\begin{array}{c} { m negative} \\ { m negative} \end{array}$
ached	
aches	negative
	negative
achey	negative
achievable	positive
achievement	positive
achievements	positive
achievible	positive
aching	negative
acrid	negative
acridly	negative
acridness	negative
acrimonious	negative
acrimoniously	negative
acrimony	negative
acumen	positive
adamant	negative
adamantly	negative
adaptable	positive
adaptive	positive
addict	negative
addicted	negative
addicting	negative
addicts	negative
adequate	positive
adjustable	positive
admirable	positive
admirably	positive
admiration	positive
admire	positive
	Popier

word	sentiment
admirer	positive
admiring	positive
admiringly	positive
admonish	negative
admonisher	negative
admonishingly	negative
admonishment	negative
admonition	negative
adorable	positive
adore	positive
adored	positive
adorer	positive
adoring	positive
adoringly	positive
adroit	positive
adroitly	positive
adulate	positive
adulation	positive
adulatory	positive
adulterate	negative
adulterated	negative
adulteration	negative
adulterier	negative
advanced	positive
advantage	positive
advantageous	positive
advantageously	positive
advantages	positive
adventuresome	positive
adventurous	positive
adversarial	
adversary	negative
adverse	$\begin{array}{c} { m negative} \\ { m negative} \end{array}$
adversity	
adversity	negative positive
advocated	positive
advocated advocates	positive
affability	positive
affable	-
affably	positive
•	positive
affectation	positive
affection	positive
affectionate	positive
affinity	positive
affirm	positive
affirmation	positive
affirmative	positive
afflict	negative
affliction	negative
afflictive	negative
affluence	positive
affluent	positive

word	sentiment
afford	positive
affordable	positive
affordably	positive
affront	negative
afordable	positive
afraid	negative
aggravate	negative
aggravating	negative
aggravation	negative
aggression	negative
aggressive	negative
aggressiveness	negative
aggressor	negative
aggrieve	negative
aggrieved	negative
	_
aggrivation	negative
aghast	negative
agile	positive
agilely	positive
agility	positive
agonies	negative
agonize	negative
agonizing	negative
agonizingly	negative
agony	negative
agreeable	positive
agreeableness	positive
agreeably	positive
aground	negative
ail	negative
ailing	negative
ailment	negative
aimless	negative
alarm	negative
alarmed	negative
alarming	negative
alarmingly	negative
alienate	negative
alienated	negative
alienation	negative
all-around	positive
allegation	negative
allegations	negative
allege	negative
allergic	negative
allergies	negative
allergy	negative
alluring	positive
alluringly	positive
aloof	negative
altercation	negative
altruistic	positive

sentiment positive positive
positive
positive
negative
negative
positive
positive
negative
negative
negative
positive
positive
positive
positive
negative
positive
positive
positive
negative
positive
positive
positive
negative
positive
positive
negative

word	sentiment
annoys	negative
anomalous	negative
anomaly	negative
antagonism	negative
antagonist	negative
antagonistic	negative
antagonize	negative
anti-	negative
anti-american	negative
anti-israeli	negative
anti-occupation	negative
anti-proliferation	negative
anti-semites	negative
anti-social	negative
anti-us	negative
anti-white	negative
antipathy	negative
antiquated	negative
antithetical	negative
anxieties	negative
anxiety	negative
anxious	negative
anxiously	negative
anxiousness	negative
apathetic	negative
apathetically	negative
apatheticany	negative
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apocalypse	negative
apocalyptic	negative
apologist	negative
apologists	negative
apotheosis	positive
appal	negative
appall	negative
appalled	negative
appalling	negative
appallingly	negative
appeal	positive
appealing	positive
applaud	positive
appreciable	positive
appreciate	positive
appreciated	positive
appreciates	positive
appreciative	positive
appreciatively	positive
apprehension	negative
apprehensions	negative
apprehensive	negative
apprehensively	negative
appropriate	positive
appropriate	positive

word	sentimen
approve	positive
arbitrary	negative
arcane	negative
archaic	negative
ardent	positive
ardently	positive
ardor	positive
arduous	negative
arduously	negative
argumentative	negative
arrogance	negative
arrogant	negative
arrogantly	negative
articulate	positive
ashamed	negative
asinine	negative
asininely	negative
asininity	negative
askance	negative
asperse	negative
aspersion	negative
aspersions	negative
aspiration	positive
aspirations	positive
aspire	positive
assail	negative
assassin	negative
assassinate	negative
assault	negative
assult	negative
assurance	positive
assurances	positive
assure	positive
assuredly	positive
assuring	positive
astonish	positive
astonished	positive
astonishing	positive
astonishingly	positive
astonishment	positive
astound	positive
astounded	positive
astounding	
~	positive
astoundingly	positive
astray	negative
astutely	positive
asunder	negative
atrocious	negative
atrocities	negative
atrocity	negative
atrophy	negative
attack	negative

word	sentimen
attacks	negative
attentive	positive
attraction	positive
attractive	positive
attractively	positive
attune	positive
audacious	negative
audaciously	negative
audaciousness	negative
audacity	negative
audible	positive
audibly	positive
audiciously	negative
auspicious	positive
austere	negative
authentic	positive
authoritarian	negative
authoritative	positive
autocrat	negative
autocratic	negative
autonomous	positive
available	positive
avalanche	negative
avarice	negative
avaricious	negative
avariciously	negative
avenge	negative
aver	positive
averse	negative
aversion	negative
avid	positive
avidly	positive
award	positive
awarded	positive
awards	positive
awe	positive
awed	positive
aweful	negative
awesome	positive
awesomely	positive
awesomeness	positive
awestruck	positive
awful	negative
awfully	negative
awfulness	negative
awkward	negative
awkwardness	negative
awsome	positive
ax	negative
babble	negative
back-logged	negative
back-wood	negative
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word	sentiment
back-woods	negative
backache	negative
backaches	negative
backaching	negative
backbite	negative
backbiting	negative
backbone	positive
backward	negative
backwardness	negative
backwood	negative
backwoods	negative
bad	negative
badly	negative
baffle	negative
baffled	negative
bafflement	negative
baffling	negative
bait	negative
balanced	positive
balk	negative
banal	negative
banalize	negative
bane	negative
banish	negative
banishment	negative
bankrupt	negative
barbarian	negative
barbaric	negative
barbarically	negative
barbarity	negative
barbarous	negative
barbarously	negative
bargain	positive
barren	negative
baseless	negative
bash	negative
bashed	negative
bashful	negative
bashing	negative
bastard	negative
bastards	negative
battered	negative
battering	negative
batty	negative
bearish	negative
beastly	negative
beauteous	positive
beautiful	positive
beautifully	positive
beautifully	positive
beautify	positive
beauty	positive

word	sentiment
beckon	positive
beckoned	positive
beckoning	positive
beckons	positive
bedlam	-
	negative
bedlamite	negative
befoul	negative
beg	negative
beggar	negative
beggarly	negative
begging	negative
beguile	negative
belabor	negative
belated	negative
beleaguer	negative
belie	negative
believable	positive
believeable	positive
belittle	negative
belittled	negative
belittling	negative
bellicose	negative
belligerence	negative
belligerent	negative
belligerently	negative
beloved	positive
bemoan	negative
bemoaning	negative
bemused	negative
benefactor	positive
beneficent	positive
beneficial	positive
beneficially	positive
beneficiary	positive
benefit	positive
benefits	positive
benevolence	positive
benevolent	positive
benifits	positive
bent	negative
berate	negative
bereave	negative
bereavement	negative
bereft	negative
berserk	negative
beseech	negative
beset	negative
besiege	negative
besmirch	negative
best	positive
best-known	positive
best-performing	positive
- 0	-

word	sentiment
best-selling	positive
bestial	negative
betray	negative
betrayal	negative
betrayals	negative
betrayer	negative
betraying	negative
betrays	negative
better	positive
better-known	positive
better-than-expected	positive
beutifully	positive
bewail	negative
beware	negative
bewilder	negative
bewildered	negative
bewildering	negative
bewilderingly	negative
bewilderment	negative
bewitch	negative
bias	negative
biased	negative
biases	negative
bicker	negative
bickering	negative
bid-rigging	negative
bigotries	negative
bigotry	negative
bitch	negative
bitchy	negative
biting	negative
bitingly	negative
bitter	negative
bitterly	negative
bitterness	negative
bizarre	negative
blab	negative
blabber	negative
blackmail	negative
blah	negative
blame	negative
blameless	positive
blameworthy	negative
bland	negative
blandish	negative
blaspheme	negative
blasphemous	negative
blasphemy	negative
blasted	negative
blatant	negative
blatantly	negative
blather	negative

word	sentiment
bleak	negative
bleakly	negative
bleakness	negative
bleed	negative
bleeding	negative
bleeds	negative
blemish	negative
bless	positive
blessing	positive
blind	negative
blinding	negative
blindingly	negative
blindside	negative
bliss	positive
blissful	positive
blissfully	positive
blister	negative
blistering	negative
blithe	positive
bloated	negative
blockage	negative
blockbuster	positive
blockhead	negative
bloodshed	negative
bloodthirsty	negative
bloody	negative
bloom	positive
blossom	positive
blotchy	negative
blow	negative
blunder	negative
blundering	negative
blunders	negative
blunt	negative
blur	negative
bluring	negative
blurred	negative
blurring	negative
blurry	negative
blurs	negative
blurt	negative
boastful	negative
boggle	negative
bogus	negative
boil	negative
boiling	negative
boisterous	negative
bolster	positive
bomb	negative
bombard	negative
bombardment	negative
bombastic	negative
DOMESTIC	negative

word	sentimen
bondage	negative
bonkers	negative
bonny	positive
bonus	positive
bonuses	positive
boom	positive
booming	positive
boost	positive
bore	negative
bored	negative
boredom	negative
bores	negative
boring	negative
botch	negative
bother	negative
bothered	negative
bothering	negative
bothers	negative
bothersome	negative
boundless	positive
bountiful	positive
bowdlerize	negative
boycott	negative
braggart	negative
bragger	negative
brainiest	positive
brainless	negative
brainwash	negative
brainy	positive
brand-new	positive
brash	negative
brashly	negative
brashness	negative
brat	negative
bravado	negative
brave	positive
bravery	positive
bravo	positive
brazen	negative
brazenly	negative
brazenness	negative
breach	negative
break	negative
break-up	negative
break-ups	negative
breakdown	negative
breaking	negative
breaks	negative
breakthrough	positive
breakthroughs	positive
breakup	negative
breakups	negative
<u></u>	-0

word	sentiment
breathlessness	positive
breathtaking	positive
breathtakingly	positive
breeze	positive
bribery	negative
bright	positive
brighten	positive
brighter	positive
brightest	positive
brilliance	positive
brilliances	positive
brilliant	positive
brilliantly	positive
brimstone	negative
brisk	positive
bristle	negative
brittle	negative
broke	negative
broken	negative
broken-hearted	negative
brood	negative
brotherly	positive
browbeat	negative
bruise	negative
bruised	negative
bruises	negative
bruising	negative
brusque	negative
brutal	negative
brutalising	negative
brutalities	negative
brutality	negative
brutalize	negative
brutalizing	negative
brutally	negative
brute	negative
brutish	negative
bs	negative
buckle	negative
bug	negative
bugging	negative
buggy	negative
bugs	negative
bulkier	negative
bulkiness	negative
bulky	negative
bulkyness	negative
bull—-	negative
bull****	negative
bullies	negative
bullish	positive
bullshit	negative
	-

word	sentiment
bullshyt	negative
bully	negative
bullying	negative
bullyingly	negative
bum	negative
bump	negative
bumped	negative
bumping	negative
bumpping	negative
bumps	negative
bumpy	negative
bungle	negative
bungler	negative
bungling	negative
bunk	negative
buoyant	positive
burden	negative
burdensome	negative
burdensomely	negative
burn	negative
burned	negative
burning	negative
burns	negative
bust	negative
busts	negative
busybody	negative
butcher	negative
butchery	negative
buzzing	negative
byzantine	negative
cackle	negative
cajole	positive
calamities	negative
calamitous	negative
calamitously	negative
calamity	negative
callous	negative
calm	positive
calming	positive
calmness	positive
calumniate	negative
calumniation	negative
calumnies	negative
calumnious	negative
calumniously	negative
calumny	negative
cancer	negative
cancerous	negative
cannibal	negative
cannibalize	negative
capability	positive
capability	positive
Capabic	Posture

word	sentimen
capably	positive
capitulate	negative
capricious	negative
capriciously	negative
capriciousness	negative
capsize	negative
captivate	positive
captivating	positive
carefree	positive
careless	negative
carelessness	negative
caricature	negative
carnage	negative
carp	negative
cartoonish	negative
cash-strapped	negative
cashback	positive
cashbacks	positive
castigate	negative
castrated	negative
casualty	negative
cataclysm	negative
cataclysmal	negative
cataclysmic	negative
cataclysmically	negative
catastrophe	negative
catastrophes	negative
catastrophic	negative
catastrophically	negative
catastrophies	negative
catchy	positive
caustic	negative
caustically	negative
cautionary	negative
cave	negative
celebrate	positive
celebrated	positive
celebration	positive
celebratory	positive
censure	negative
chafe	negative
chaff	negative
chagrin	negative
challenging	negative
champ	positive
champion	positive
chaos	negative
chaotic	negative
charisma	positive
charismatic	positive
charitable	positive
charm	positive
OHAH HI	Populare

word	sentiment
charming	positive
charmingly	positive
chaste	positive
chasten	negative
chastise	negative
chastisement	negative
chatter	negative
chatterbox	negative
cheap	negative
cheapen	negative
cheaper	positive
cheapest	positive
cheaply	negative
cheat	negative
cheated	negative
cheater	negative
cheating	negative
cheats	negative
checkered	negative
cheer	positive
cheerful	positive
cheerless	negative
cheery	positive
cheesy	negative
cherish	positive
cherished	positive
cherub	positive
chic	positive
chide	negative
childish	negative
chill	negative
chilly	negative
chintzy	negative
chivalrous	positive
chivalry	positive
choke	negative
choleric	negative
choppy	negative
chore	negative
chronic	negative
chunky	negative
civility	positive
civilize	positive
clamor	negative
clamorous	negative
clarity	positive
clash	negative
classic	positive
classy	positive
clean	positive
cleaner	positive
cleanest	positive
	_

word	sentiment
cleanliness	positive
cleanly	positive
clear	positive
clear-cut	positive
cleared	positive
clearer	positive
clearly	positive
clears	positive
clever	positive
cleverly	positive
cliche	negative
cliched	negative
clique	negative
clog	negative
clogged	negative
clogs	negative
cloud	negative
clouding	negative
cloudy	negative
clueless	negative
clumsy	negative
clunky	negative
coarse	negative
cocky	negative
coerce	negative
coercion	negative
coercive	negative
cohere	positive
coherence	positive
coherent	positive
cohesive	positive
cold	negative
coldly	negative
collapse	negative
collude	negative
collusion	negative
colorful	positive
combative	negative
combust	negative
comely	positive
comfort	positive
comfortable	positive
comfortably	positive
comforting	positive
comfy	positive
comical	negative
commend	positive
commendable	positive
commendably	positive
commiserate	negative
commitment	positive
commodious	positive
	-

word	sentiment
commonplace	negative
commotion	negative
commotions	negative
compact	positive
compactly	positive
compassion	positive
compassionate	positive
compatible	positive
competitive	positive
complacent	negative
complain	negative
complained	negative
complaining	negative
complains	negative
complaint	negative
complaints	negative
complement	positive
complementary	positive
complemented	positive
complements	positive
complex	negative
compliant	positive
complicated	negative
complication	negative
complicit	negative
compliment	positive
complimentary	positive
comprehensive	positive
compulsion	negative
compulsive	negative
concede	negative
conceded	negative
conceit	negative
conceited	negative
concen	negative
concens	negative
concern	negative
concerned	negative
concerns	negative
concession	negative
concessions	negative
conciliate	positive
conciliatory	positive
concise	positive
condemn	negative
condemnable	negative
condemnation	negative
condemned	negative
condemns	negative
condescend	negative
condescending	negative
condescendingly	negative
O V	G / *

word	sentiment
condescension	negative
confess	negative
confession	negative
confessions	negative
confidence	positive
confident	positive
confined	negative
conflict	negative
conflicted	negative
conflicting	negative
conflicts	negative
confound	negative
confounded	negative
confounding	negative
confront	negative
confrontation	negative
confrontational	negative
confuse	negative
confused	negative
confuses	negative
confusing	negative
confusion	negative
confusions	negative
congenial	positive
congested	negative
congestion	negative
congratulate	positive
congratulation	positive
congratulations	positive
congratulatory	positive
cons	negative
conscientious	positive
conscons	negative
conservative	negative
considerate	positive
consistent	positive
consistently	positive
conspicuous	negative
conspicuously	negative
conspiracies	negative
conspiracy	negative
conspirator	negative
conspiratorial	_
•	negative
conspire consternation	negative
constructive	negative
	positive
consummate	positive
contagious	negative
contaminate	negative
contaminated	negative
contaminates	negative
contaminating	negative

word	sentimen
contamination	negative
contempt	negative
contemptible	negative
contemptuous	negative
contemptuously	negative
contend	negative
contention	negative
contentious	negative
contentment	positive
continuity	positive
contort	negative
contortions	negative
contradict	negative
contradiction	negative
contradictory	negative
contrariness	negative
contrasty	positive
contravene	negative
contribution	positive
contrive	negative
contrived	negative
controversial	negative
controversy	negative
convenience	positive
convenient	positive
conveniently	positive
convience	positive
convienient	positive
convient	positive
convincing	positive
convincingly	positive
convoluted	negative
cool	positive
coolest	positive
cooperative	positive
cooperatively	positive
cornerstone	positive
correct	positive
correctly	positive
corrode	negative
corrosion	negative
corrosions	negative
corrosive	negative
corrupt	negative
corrupted	negative
corrupting	negative
corruption	negative
corrupts	negative
corruptted	negative
cost-effective	positive
cost-saving	positive
costlier	negative
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word	sentiment
costly	negative
counter-attack	positive
counter-attacks	positive
counter-productive	negative
counterproductive	negative
coupists	negative
courage	positive
courageous	positive
courageously	positive
courageousness	positive
courteous	positive
courtly	positive
covenant	positive
covetous	negative
coward	negative
cowardly	negative
cozy	positive
crabby	negative
crack	negative
cracked	negative
cracks	negative
craftily	negative
craftly	negative
crafty	negative
cramp	negative
cramped	negative
cramping	negative
cranky	negative
crap	negative
crappy	negative
craps	negative
crash	negative
crashed	negative
crashes	negative
crashing	negative
crass	negative
craven	negative
cravenly	negative
craze	negative
crazily	negative
craziness	negative
crazy	negative
creak	negative
creaking	negative
creaks	negative
creative	positive
credence	positive
credible	positive
credulous	negative
creep.	negative
creeping	negative
creeps	negative

word	sentimen
creepy	negative
crept	negative
crime	negative
criminal	negative
cringe	negative
cringed	negative
cringes	negative
cripple	negative
crippled	negative
cripples	negative
crippling	negative
crisis	negative
crisp	positive
crisper	positive
critic	negative
critical	negative
criticism	negative
criticisms	negative
criticize	negative
criticized	negative
criticizing	negative
critics	negative
cronyism	negative
crook	negative
crooked	negative
crooks	negative
crowded	negative
crowdedness	negative
crude	negative
cruel	negative
crueler	negative
cruelest	negative
cruelly	negative
cruelness	negative
cruelties	negative
cruelty	negative
crumble	negative
crumbling	negative
crummy	negative
crumple	negative
crumpled	negative
crumples	negative
crush	negative
crushed	negative
crushing	negative
cry	negative
culpable	negative
culprit	negative
cumbersome	negative
cunt	negative
cunts	negative
cuplrit	negative
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word	sentimen
cure	positive
cure-all	positive
curse	negative
cursed	negative
curses	negative
curt	negative
cushy	positive
cuss	negative
cussed	negative
cute	positive
cuteness	positive
cutthroat	negative
cynical	negative
cynicism	negative
ď*mn	negative
damage	negative
damaged	negative
damages	negative
damaging	negative
damn	negative
damnable	negative
damnably	negative
damnation	negative
damned	negative
damning	negative
damper	negative
danger	negative
dangerous	negative
dangerousness	negative
danke	positive
danken	positive
daring	positive
daringly	positive
dark	negative
darken	negative
darkened	negative
darker	negative
darkness	negative
darling	positive
dashing	positive
dastard	negative
dastardly	negative
daunt	negative
daunting	negative
dauntingly	negative
dauntless	positive
dawdle	negative
dawn	positive
daze	negative
dazed	negative
dazzle	positive
dazzled	positive
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word	sentiment
dazzling	positive
dead	negative
dead-cheap	positive
dead-on	positive
deadbeat	negative
deadlock	negative
deadly	negative
deadweight	negative
deaf	negative
dearth	negative
death	negative
debacle	negative
debase	negative
debasement	negative
debaser	negative
debatable	negative
debauch	negative
debaucher	negative
debauchery	negative
debilitate	negative
debilitating	negative
debility	negative
debt	negative
debts	negative
decadence	negative
decadent	negative
decay	negative
decayed	_
decayed	negative
deceitful	negative
	negative
deceitfully	negative
deceitfulness	negative
deceive	negative
deceiver	negative
deceivers	negative
deceiving	negative
decency	positive
decent	positive
deception	negative
deceptive	negative
deceptively	negative
decisive	positive
decisiveness	positive
declaim	negative
decline	negative
declines	negative
declining	negative
decrement	negative
decrepit	negative
decrepitude	negative
decry	negative
dedicated	positive
	Positivo

word	sentiment
defamation	negative
defamations	negative
defamatory	negative
defame	negative
defeat	positive
defeated	positive
defeating	positive
defeats	positive
defect	negative
defective	negative
defects	negative
defender	positive
defensive	negative
deference	positive
defiance	negative
defiant	negative
defiantly	negative
deficiencies	negative
deficiency	negative
deficient	negative
defile	negative
defiler	negative
deform	negative
deformed	negative
defrauding	negative
deft	positive
defunct	negative
defy	negative
degenerate	negative
degenerately	negative
degeneration	negative
deginified	positive
degradation	negative
degrade	negative
degrading	negative
degradingly	negative
dehumanization	negative
dehumanize	negative
deign	negative
deject	negative
dejected	negative
dejectedly	negative
dejection	negative
delay	negative
delayed	negative
delaying	negative
delays	negative
delectable	positive
delicacy	positive
delicate	positive
delicious	positive
delight	positive

word	sentiment
delighted	positive
delightful	positive
delightfully	positive
delightfulness	positive
delinquency	negative
delinquent	negative
delirious	negative
delirium	negative
delude	negative
deluded	negative
deluge	negative
delusion	negative
delusional	negative
delusions	negative
demean	negative
demeaning	negative
demise	negative
demolish	negative
demolisher	negative
demon	negative
demonic	negative
demonize	negative
demonized	negative
demonizes	negative
demonizing	negative
demoralize	negative
demoralizing	negative
demoralizingly	negative
denial	negative
denied	negative
denies	negative
denigrate	negative
denounce	negative
dense	negative
dent	negative
dented	negative
dents	negative
denunciate	negative
denunciation	negative
denunciations	negative
deny	negative
denying	negative
dependable	positive
dependably	positive
deplete	negative
deplorable	negative
deplorably	negative
deplore	negative
deploring	negative
deploringly	negative
deprave	negative
depraved	negative
aopiaroa	1108001110

word	sentimen
depravedly	negative
deprecate	negative
depress	negative
depressed	negative
depressing	negative
depressingly	negative
depression	negative
depressions	negative
deprive	negative
deprived	negative
deride	negative
derision	negative
derisive	negative
derisively	negative
derisiveness	negative
derogatory	negative
desecrate	negative
desert	negative
desertion	negative
deservedly	positive
deserving	positive
desiccate	negative
desiccated	negative
desirable	positive
desiring	positive
desirous	positive
desititute	negative
desolate	negative
desolately	negative
desolation	negative
despair	negative
despairing	negative
despairingly	negative
desperate	negative
desperately	negative
desperation	negative
despicable	negative
despicably	negative
despise	negative
despised	negative
despoil	negative
despoiler	negative
despondence	negative
despondency	negative
despondent	negative
despondently	negative
despot	negative
despotic	negative
despotism	negative
destabilisation	negative
destains	negative
destiny	positive

word	sentiment
destitute	negative
destitution	negative
destroy	negative
destroyer	negative
destruction	negative
destructive	negative
desultory	negative
detachable	positive
deter	negative
deteriorate	negative
deteriorating	negative
deterioration	negative
deterrent	negative
detest	negative
detestable	negative
detestably	negative
detested	negative
detesting	negative
detests	negative
detract	negative
detracted	negative
detracting	negative
detraction	negative
detracts	negative
detriment	negative
detrimental	negative
devastate	negative
devastated	negative
devastates	negative
devastating	negative
devastatingly	negative
devastation	negative
deviate	negative
deviation	negative
devil	negative
devilish	negative
devilishly	negative
devilment	negative
devilry	negative
devious	negative
deviously	negative
deviousness	negative
devoid	negative
devout	positive
dexterous	
	positive
dexterously	positive
dextrous diabolic	positive
	negative
diabolical	negative
diabolically	negative
diametrically	negative
diappointed	negative

word	sentiment
diatribe	negative
diatribes	negative
dick	negative
dictator	negative
dictatorial	negative
die	negative
die-hard	negative
died	negative
dies	negative
difficult	negative
difficulties	negative
difficulty	negative
diffidence	negative
dignified	positive
dignify	positive
dignity	positive
dilapidated	negative
dilemma	negative
diligence	positive
diligent	positive
diligently	positive
dilly-dally	negative
dim	negative
dimmer	negative
din	negative
ding	negative
dings	negative
dinky	negative
diplomatic	positive
dire	negative
direly	negative
direness	negative
dirt	negative
dirt-cheap	positive
dirtbag	negative
dirtbags	negative
dirts	negative
dirty	negative
disable	negative
disabled	negative
disaccord	negative
disadvantage	negative
disadvantaged	negative
disadvantageous	negative
disadvantages	negative
disaffect	negative
disaffected	negative
disaffirm	negative
disagree	negative
disagreeable	negative
disagreeably	negative
disagreed	negative
-	

word	sentiment
disagreeing	negative
disagreement	negative
disagrees	negative
disallow	negative
disapointed	negative
disapointing	negative
disapointment	negative
disappoint	negative
disappointed	negative
disappointing	negative
disappointingly	negative
disappointment	negative
disappointments	negative
disappoints	negative
disapprobation	negative
disapproval	negative
disapprove	negative
disapproving	negative
disarm	negative
disarray	negative
disaster	negative
disasterous	negative
disastrous	negative
disastrously	negative
disavow	negative
disavowal	negative
disbelief	negative
disbelieve	negative
disbeliever	negative
disclaim	negative
discombobulate	negative
discomfit	negative
discomfititure	negative
discomfort	negative
discompose	negative
disconcert	negative
disconcerted	negative
disconcerting	negative
disconcertingly	negative
disconsolate	negative
disconsolately	negative
disconsolation	negative
discontent	negative
discontented	negative
discontentedly	negative
discontinued	negative
discontinuity	negative
discontinuous	negative
discord	negative
discordance	negative
discordant	negative
discountenance	negative

word	sentiment
discourage	negative
discouragement	negative
discouraging	negative
discouragingly	negative
discourteous	negative
discourteously	negative
discoutinous	negative
discredit	negative
discrepant	negative
discriminate	negative
discrimination	negative
discriminatory	negative
disdain	negative
disdained	negative
disdainful	negative
disdainfully	negative
disfavor	negative
disgrace	negative
disgraced	negative
disgraceful	negative
disgracefully	negative
disgruntle	negative
disgruntled	negative
disgust	negative
disgusted	negative
disgustedly	negative
disgustful	negative
disgustfully	negative
disgusting	negative
disgustingly	negative
dishearten	negative
disheartening	negative
dishearteningly	negative
dishonest	negative
dishonestly	negative
dishonesty	negative
dishonor	negative
dishonorable	negative
dishonorablely	negative
disillusion	negative
disillusioned	negative
disillusionment	negative
disillusions	negative
disinclination	negative
disinclined	negative
disingenuous	negative
disingenuously	negative
disintegrate	negative
disintegrated	negative
disintegrates	negative
disintegration	negative
disinterest	negative
	O

word	sentiment
disinterested	negative
dislike	negative
disliked	negative
dislikes	negative
disliking	negative
dislocated	$_{ m negative}$
disloyal	negative
disloyalty	negative
dismal	negative
dismally	negative
dismalness	negative
dismay	negative
dismayed	negative
dismaying	negative
dismayingly	negative
dismissive	negative
dismissively	negative
disobedience	negative
disobedient	negative
disobey	negative
disoobedient	negative
disorder	negative
disordered	negative
disorderly	negative
disorganized	negative
disorient	negative
disoriented	negative
disown	negative
disparage	negative
	negative
disparaging	~
disparagingly	negative
dispensable	negative
dispirit	negative
dispirited	negative
dispiritedly	negative
dispiriting	negative
displace	negative
displaced	negative
displease	negative
displeased	negative
displeasing	negative
displeasure	negative
disproportionate	negative
disprove	negative
disputable	negative
dispute	negative
disputed	negative
disquiet	negative
disquieting	negative
disquietingly	negative
disquietude	negative
disregard	negative
-	-

word	sentimen
disregardful	negative
disreputable	negative
disrepute	negative
disrespect	negative
disrespectable	negative
disrespectablity	negative
disrespectful	negative
disrespectfully	negative
disrespectfulness	negative
disrespecting	negative
disrupt	negative
disruption	negative
disruptive	negative
diss	negative
dissapointed	negative
dissappointed	negative
dissappointing	negative
dissatisfaction	negative
dissatisfactory	negative
dissatisfied	negative
dissatisfies	negative
dissatisfy	negative
dissatisfying	negative
dissed	negative
dissemble	negative
dissembler	negative
dissension	negative
dissent	negative
dissenter	negative
dissention	negative
disservice	negative
disses	negative
dissidence	negative
dissident	negative
dissidents	negative
dissing	negative
dissocial	negative
dissolute	negative
dissolution	negative
dissonance	negative
dissonant	negative
dissonantly	negative
dissuade	negative
dissuasive	negative
distains	negative
distaste	negative
distasteful	negative
distastefully	negative
distinction	positive
distinctive	positive
distinguished	positive
distort	negative
	-

word	sentimen
distorted	negative
distortion	negative
distorts	negative
distract	negative
distracting	negative
distraction	negative
distraught	negative
distraughtly	negative
distraughtness	negative
distress	negative
distressed	negative
distressing	negative
distressingly	negative
distrust	negative
distrustful	negative
distrusting	negative
disturb	negative
disturbance	negative
disturbed	negative
disturbing	negative
disturbingly	negative
disunity	negative
disvalue	negative
divergent	negative
diversified	positive
divine	positive
divinely	positive
divisive	negative
divisively	negative
divisiveness	negative
dizzing	negative
dizzingly	negative
dizzy	negative
doddering	negative
dodgey	negative
dogged	negative
doggedly	negative
dogmatic	negative
doldrums	negative
dominate	positive
dominated	positive
dominates	positive
domineer	negative
domineering	negative
donside	negative
doom	negative
doomed	negative
doomsday	negative
dope	negative
dote	positive
dotingly	positive
doubt	negative
	<u>~</u>

word	sentiment
doubtful	negative
doubtfully	negative
doubtless	positive
doubts	negative
douchbag	negative
douchebag	negative
douchebags	negative
downbeat	negative
downcast	negative
downer	negative
downfall	negative
downfallen	negative
downgrade	negative
downhearted	negative
downheartedly	negative
downhill	negative
downside	negative
downsides	negative
downturn	negative
downturns	negative
drab	negative
draconian	negative
draconic	negative
drag	negative
dragged	negative
dragging	negative
dragoon	negative
drags	negative
drain	negative
drained	negative
draining	negative
drains	negative
drastic	negative
drastically	negative
drawback	negative
drawbacks	negative
dread	negative
dreadful	negative
dreadfully	negative
dreadfulness	negative
dreamland	positive
dreary	negative
dripped	negative
dripping	negative
drippy	negative
drips	negative
drones	negative
droop	negative
droops	negative
drop-out	negative
drop-outs	negative
dropout	negative
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word	sentiment
dropouts	negative
drought	negative
drowning	negative
drunk	negative
drunkard	negative
drunken	negative
dubious	negative
dubiously	negative
dubitable	negative
dud	negative
dull	negative
dullard	negative
dumb	negative
dumbfound	negative
dumbfounded	positive
dumbfounding	positive
dummy-proof	positive
dump	negative
dumped	negative
dumping	negative
dumps	negative
dunce	negative
dungeon	negative
dungeons	negative
dupe	negative
durable	positive
dust	negative
dusty	negative
dwindling	negative
dying	negative
dynamic	positive
eager	positive
eagerly	positive
eagerness	positive
earnest	positive
earnestly	positive
earnestness	positive
earsplitting	negative
ease	positive
eased	positive
eases	positive
easier	positive
easiest	positive
easiness	positive
easing	positive
easy	positive
easy-to-use	positive
easygoing	positive
ebullience	positive
ebullient	positive
ebulliently	positive
eccentric	negative
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word	sentimen
eccentricity	negative
ecenomical	positive
economical	positive
ecstasies	positive
ecstasy	positive
ecstatic	positive
ecstatically	positive
edify	positive
educated	positive
effective	positive
effectively	positive
effectiveness	positive
effectual	positive
efficacious	positive
efficient	positive
efficiently	positive
effigy	negative
effortless	positive
effortlessly	positive
effrontery	negative
effusion	positive
effusive	positive
effusively	positive
effusiveness	positive
egocentric	negative
egomania	negative
egotism	negative
egotistical	negative
egotistically	negative
egregious	negative
egregiously	negative
elan	positive
elate	positive
elated	positive
elatedly	positive
elation	positive
election-rigger	negative
electrify	positive
elegance	positive
elegant	positive
elegantly	positive
elevate	positive
elimination	negative
elite	positive
eloquence	positive
eloquent	positive
eloquently	positive
emaciated	negative
emasculate	negative
embarrass	negative
embarrassing	negative
embarrassingly	negative

word	sentiment
embarrassment	negative
embattled	negative
embolden	positive
embroil	negative
embroiled	negative
embroilment	negative
emergency	negative
eminence	positive
eminent	positive
empathize	positive
empathy	positive
emphatic	negative
emphatically	negative
empower	positive
empowerment	positive
emptiness	negative
enchant	positive
enchanted	positive
enchanting	positive
enchantingly	positive
encourage	positive
encouragement	positive
encouraging	positive
encouragingly	positive
encroach	negative
encroachment	negative
endanger	negative
endear	positive
endearing	positive
endorse	positive
endorsed	positive
endorsement	positive
endorses	positive
endorsing	positive
enemies	negative
enemy	negative
energetic	positive
energize	positive
energy-efficient	positive
energy-saving	positive
enervate	negative
enfeeble	negative
enflame	negative
engaging	positive
engrossing	positive
engulf	negative
enhance	positive
enhanced	positive
enhancement	positive
enhances · ·	positive
enjoin	negative
enjoy	positive

word	sentiment
enjoyable	positive
enjoyably	positive
enjoyed	positive
enjoying	positive
enjoyment	positive
enjoys	positive
enlighten	positive
enlightenment	positive
enliven	positive
enmity	negative
ennoble	positive
enough	positive
enrage	negative
enraged	negative
enraging	negative
enrapt	positive
enrapture	positive
enraptured	positive
enrich	positive
enrichment	positive
enslave	negative
entangle	negative
entanglement	negative
enterprising	positive
entertain	positive
entertaining	positive
entertains	positive
enthral	positive
enthrall	positive
enthralled	positive
enthuse	positive
enthusiasm	positive
enthusiast	positive
enthusiastic	positive
enthusiastically	positive
entice	positive
enticed	positive
enticing	positive
enticingly	positive
entranced	positive
entrancing	positive
entrap	negative
entrapment	negative
entrust	positive
enviable	positive
enviably	positive
envious	positive
envious	negative
enviously	positive
enviously	negative
enviousness	positive
enviousness	negative

word	sentimen
envy	positive
epidemic	negative
equitable	positive
equivocal	negative
erase	negative
ergonomical	positive
erode	negative
erodes	negative
erosion	negative
err	negative
err-free	positive
errant	negative
erratic	negative
erratically	negative
erroneous	negative
erroneously	negative
error	negative
errors	negative
erudite	positive
eruptions	negative
escapade	negative
eschew	negative
estranged	negative
ethical	positive
eulogize	positive
euphoria	positive
euphoric	positive
euphorically	positive
evade	negative
evaluative	positive
evasion	negative
evasive	negative
evenly	positive
eventful	positive
everlasting	positive
evil	negative
evildoer	negative
evils	negative
eviscerate	negative
evocative	positive
exacerbate	negative
exagerate	negative
exagerated	negative
exagerates	negative
exaggerate	negative
exaggeration	negative
exalt	positive
exaltation	positive
exalted	positive
exaltedly	positive
exalting	positive
exaltingly	positive
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word	sentimen
examplar	positive
examplary	positive
exasperate	negative
exasperated	negative
exasperating	negative
exasperatingly	negative
exasperation	negative
excallent	positive
exceed	positive
exceeded	positive
exceeding	positive
exceedingly	positive
exceeds	positive
excel	positive
exceled	positive
excelent	positive
excellant	positive
excelled	positive
excellence	positive
excellency	positive
excellent	positive
excellently	positive
excels	positive
exceptional	positive
exceptionally	positive
excessive	negative
excessively	negative
excite	positive
excited	positive
excitedly	positive
excitedness	positive
excitement	positive
excites	positive
exciting	positive
excitingly	positive
exclusion	negative
excoriate	negative
excruciating	negative
excruciatingly	negative
excuse	negative
excuses	negative
execrate	negative
exellent	positive
exemplar	positive
exemplary	positive
exhaust	negative
exhausted	negative
exhaustion	negative
exhausts	negative
exhilarate	positive
exhilarating	positive
exhilaratingly	positive

word	sentiment
exhilaration	positive
exhorbitant	negative
exhort	negative
exile	negative
exonerate	positive
exorbitant	negative
exorbitantance	negative
exorbitantly	negative
expansive	positive
expeditiously	positive
expel	negative
expensive	negative
expertly	positive
expire	negative
expired	negative
explode	negative
exploit	negative
exploitation	negative
explosive	negative
expropriate	negative
expropriation	negative
expulse	negative
expunge	negative
exquisite	positive
exquisitely	positive
exterminate	negative
extermination	negative
	~
extinguish extol	negative
extoll	positive
	positive
extort extortion	negative
	negative
extraneous	negative
extraordinarily	positive
extraordinary	positive
extravagance	negative
extravagant	negative
extravagantly	negative
extremism	negative
extremist	negative
extremists	negative
exuberance	positive
exuberant	positive
exuberantly	positive
exult	positive
exultant	positive
exultation	positive
exultingly	positive
eye-catch	positive
	positive
eye-catching	Positive
eye-catching eyecatch	positive

word	sentiment
eyesore	negative
f**k	negative
fabricate	negative
fabrication	negative
fabulous	positive
fabulously	positive
facetious	negative
facetiously	negative
facilitate	positive
fail	negative
failed	negative
failing	negative
fails	negative
failure	negative
failures	negative
faint	negative
fainthearted	negative
fair	positive
fairly	positive
fairness	positive
faith	positive
faithful	positive
faithfully	-
faithfulness	positive
	positive
faithless	negative
fake	negative
fall	negative
fallacies	negative
fallacious	negative
fallaciously	negative
fallaciousness	negative
fallacy	negative
fallen	negative
falling	negative
fallout	negative
falls	negative
false	negative
falsehood	negative
falsely	negative
falsify	negative
falter	negative
faltered	negative
fame	positive
famed	positive
famine	negative
famished	negative
famous	positive
famously	positive
fanatic	negative
fanatical	negative
fanatically	negative
fanaticism	negative

word	sentiment
fanatics	negative
fancier	positive
fanciful	negative
fancinating	positive
fancy	positive
fanfare	positive
fans	positive
fantastic	positive
fantastically	positive
far-fetched	negative
farce	negative
farcical	negative
farcical-yet-provocative	negative
farcically	negative
farfetched	negative
fascinate	positive
fascinating	positive
fascinatingly	positive
fascination	positive
fascism	negative
fascist	negative
fashionable	positive
fashionably	positive
fast	positive
fast-growing	positive
fast-paced	positive
faster	positive
fastest	positive
fastest-growing	positive
fastidious	negative
fastidiously	negative
fastuous	negative
fat	negative
fat-cat	negative
fat-cats	negative
fatal	negative
fatalistic	negative
fatalistically	negative
fatally	negative
fatcat	negative
fatcats	negative
fateful	negative
fatefully	negative
fathomless	negative
fatigue	negative
fatigued	negative
fatique	negative
fatty	negative
fatuity	negative
fatuous	negative
fatuously	negative
fault	negative

word	sentiment
faultless	positive
faults	negative
faulty	negative
fav	positive
fave	positive
favor	positive
favorable	positive
favored	positive
favorite	positive
favorited	positive
favour	positive
fawningly	negative
faze	negative
fear	negative
fearful	negative
fearfully	negative
fearless	_
	positive
fearlessly	positive
fears	negative
fearsome	negative
feasible	positive
feasibly	positive
feat	positive
feature-rich	positive
fecilitous	positive
feckless	negative
feeble	negative
feeblely	negative
feebleminded	negative
feign	negative
feint	negative
feisty	positive
felicitate	positive
felicitous	positive
felicity	positive
fell	negative
felon	negative
felonious	negative
ferociously	negative
ferocity	negative
fertile	positive
fervent	positive
fervently	positive
fervid	positive
fervidly	positive
fervor	positive
festive	positive
fetid	negative
fever	negative
feverish	
	negative
fevers	negative
fiasco	negative

word	sentiment
fib	negative
fibber	negative
fickle	negative
fiction	negative
fictional	negative
fictitious	negative
fidelity	positive
fidget	negative
fidgety	negative
fiend	negative
fiendish	negative
fierce	_
fiery	negative positive
*	-
figurehead filth	negative
	negative
filthy	negative
finagle	negative
fine	positive
fine-looking	positive
finely	positive
finer	positive
finest	positive
finicky	negative
firmer	positive
first-class	positive
first-in-class	positive
first-rate	positive
fissures	negative
fist	negative
flabbergast	negative
flabbergasted	negative
flagging	negative
flagrant	negative
flagrantly	negative
flair	negative
flairs	negative
flak	negative
flake	negative
flakey	negative
flakieness	negative
flaking	negative
flaky	negative
flare	negative
flares	negative
flareup	negative
flareups	negative
flashy	positive
flat-out	negative
flatter	positive
flattering	positive
flatteringly	positive
flaunt	negative

word	sentimen
flaw	negative
flawed	negative
flawless	positive
flawlessly	positive
flaws	negative
flee	negative
fleed	negative
fleeing	negative
fleer	negative
flees	negative
fleeting	negative
flexibility	positive
flexible	positive
flicering	negative
flicker	negative
flickering	negative
flickers	negative
flighty	negative
flimflam	negative
flimsy	negative
flirt	negative
flirty	negative
floored	negative
flounder	negative
floundering	negative
flourish	positive
flourishing	positive
flout	negative
fluent	positive
fluster	negative
flutter	positive
foe	negative
fond	positive
fondly	positive
fondness	positive
fool	negative
fooled	negative
foolhardy	negative
foolish	negative
foolishly	negative
foolishness	negative
foolproof	positive
forbid	negative
forbidden	negative
forbidding	negative
forceful	negative
foreboding	negative
forebodingly	negative
foremost	positive
foresight	positive
forfeit	negative
forged	negative
-	-

word	sentimen
forgetful	negative
forgetfully	negative
forgetfulness	negative
forlorn	negative
forlornly	negative
formidable	positive
forsake	negative
forsaken	negative
forswear	negative
fortitude	positive
fortuitous	positive
fortuitously	positive
fortunate	positive
fortunately	positive
fortune	positive
foul	negative
foully	negative
foulness	negative
fractious	negative
fractiously	negative
fracture	negative
fragile	negative
fragmented	negative
fragrant	positive
frail	negative
frantic	negative
frantically	negative
franticly	negative
fraud	negative
fraudulent	negative
fraught	negative
frazzle	negative
frazzled	negative
freak	negative
freaking	negative
freakish	negative
freakishly	negative
freaks	negative
free	positive
freed	positive
freedom	positive
freedoms	positive
freeze	negative
freezes	negative
freezing	negative
frenetic	negative
frenetically	negative
frenzied	negative
frenzy	negative
fresh	positive
fresher	positive
freshest	positive

word	sentiment
fret	negative
fretful	negative
frets	negative
friction	negative
frictions	negative
fried	negative
friendliness	positive
friendly	positive
friggin	negative
frigging	negative
fright	negative
frighten	negative
frightening	negative
frighteningly	negative
frightful	negative
frightfully	negative
frigid	negative
frolic	positive
frost	negative
frown	negative
froze	negative
frozen	negative
frugal	positive
fruitful	positive
fruitless	negative
fruitlessly	negative
frustrate	negative
frustrated	negative
frustrates	negative
frustrating	negative
frustratingly	negative
frustration	negative
frustrations	negative
ftw	positive
fuck	negative
fucking	negative
fudge	negative
fugitive	negative
fulfillment	positive
full-blown	negative
fulminate	negative
fumble	negative
fume	negative
fumes	negative
fun	positive
fundamentalism	negative
funky	negative
funnily	negative
funny	negative
furious	negative
furiously	negative
furor	negative
14101	neganive

word	sentimen
fury	negative
fuss	negative
fussy	negative
fustigate	negative
fusty	negative
futile	negative
futilely	negative
futility	negative
futurestic	positive
futuristic	positive
fuzzy	negative
gabble	negative
gaff	negative
gaffe	negative
gaiety	positive
gaily	positive
gain	positive
gained	positive
gainful	positive
gainfully	positive
gaining	positive
gains	positive
gainsay	negative
gainsayer	negative
gall	negative
gallant	positive
gallantly	positive
galling	negative
gallingly	negative
galls	negative
galore	positive
gangster	negative
gape	negative
garbage	negative
garish	negative
gasp	negative
gauche	negative
gaudy	negative
gawk	negative
gawky	negative
geekier	positive
geeky	positive
geezer	negative
gem	positive
gems	positive
generosity	positive
generous	positive
generously	positive
genial	positive
genius	positive
genocide	negative
gentle	positive
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sentiment
positive
positive
negative
positive
negative
positive
negative
negative
positive
positive
positive
negative
negative
positive
positive
positive
positive
negative
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positive
positive
negative
negative
negative
positive
negative
positive
positive
negative

word	sentiment
god-awful	negative
god-given	positive
god-send	positive
godlike	positive
godsend	positive
gold	positive
golden	positive
good	positive
goodly	positive
goodness	positive
goodwill	positive
goof	negative
goofy	negative
goon	negative
goood	positive
gooood	positive
gorgeous	positive
gorgeously	positive
gossip	negative
grace	positive
graceful	positive
gracefully	positive
graceless	negative
gracelessly	negative
gracious	positive
graciously	positive
graciousness	positive
graft	negative
grainy	negative
grand	positive
grandeur	positive
grapple	negative
grate	negative
grateful	positive
gratefully	positive
gratification	positive
gratified	positive
gratifies	positive
gratify	positive
gratifying	positive
gratifyingly	positive
grating	negative
gratitude	positive
gravely	negative
greasy	negative
great	positive
greatest	positive
greatness	positive
greed	negative
greedy	negative
grief	negative
grievance	negative

entere e e e e e e e e e e e e e e e e e e
e e e e e e e e e e e e e e
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word	sentiment
haggle	negative
hail	positive
hairloss	negative
halcyon	positive
hale	positive
halfhearted	negative
halfheartedly	negative
hallmark	positive
hallmarks	positive
hallowed	positive
hallucinate	negative
hallucination	negative
hamper	negative
hampered	negative
handicapped	negative
handier	positive
handily	positive
hands-down	positive
handsome	positive
handsomely	positive
handy	positive
hang	negative
~	negative
hangs	-
haphazard	negative
hapless	negative
happier	positive
happily	positive
happiness	positive
happy	positive
harangue	negative
harass	negative
harassed	negative
harasses	negative
harassment	negative
harboring	negative
harbors	negative
hard	negative
hard-hit	negative
hard-line	negative
hard-liner	negative
hard-working	positive
hardball	negative
harden	negative
hardened	negative
hardheaded	negative
hardhearted	negative
hardier	positive
hardliner	negative
hardliners	negative
hardship	negative
hardships	negative
hardy	positive
v	•

word	sentiment
harm	negative
harmed	negative
harmful	negative
harmless	positive
harmonious	positive
harmoniously	positive
harmonize	positive
harmony	positive
harms	negative
harpy	negative
harridan	negative
harried	negative
harrow	negative
harsh	negative
harshly	negative
hasseling	negative
hassle	negative
hassled	negative
hassles	negative
haste	negative
hastily	negative
hasty	negative
hate	negative
hated	negative
hateful	negative
hatefully	negative
hatefulness	negative
hater	negative
haters	negative
hates	negative
hating	negative
hatred	negative
haughtily	negative
haughty	negative
haunt	negative
haunting	negative
havoc	negative
hawkish	negative
haywire	negative
hazard	negative
hazardous	negative
haze	negative
hazy	negative
head-aches	negative
headache	~
headaches	negative
	negative
headway heal	positive
	positive
healthful	positive
healthy	positive
heartbreaker	negative
heartbreaking	negative

word	sentiment
heartbreakingly	negative
hearten	positive
heartening	positive
heartfelt	positive
heartily	positive
heartless	negative
heartwarming	positive
heathen	negative
heaven	positive
heavenly	positive
heavy-handed	negative
heavyhearted	negative
heck	negative
heckle	negative
heckled	negative
heckles	negative
hectic	negative
hedge	negative
hedonistic	negative
heedless	negative
hefty	negative
hegemonism	negative
hegemonistic	negative
hegemony	negative
heinous	negative
hell	negative
hell-bent	negative
hellion	negative
hells	negative
helped	positive
helpful	positive
helping	positive
helpless	negative
helplessly	negative
helplessness	negative
heresy	negative
heretic	negative
heretical	negative
hero	positive
heroic	positive
heroically	positive
heroine	positive
heroize	positive
heros	positive
hesitant	negative
hestitant	negative
hideous	negative
hideously	negative
hideousness	negative
high-priced	negative
high-quality	positive
high-spirited	positive

word	sentiment
hilarious	positive
hiliarious	negative
hinder	negative
hindrance	negative
hiss	negative
hissed	negative
hissing	negative
ho-hum	negative
hoard	negative
hoax	negative
hobble	negative
hogs	negative
hollow	negative
holy	positive
homage	positive
honest	positive
honesty	positive
honor	positive
honorable	positive
honored	positive
honoring	positive
hoodium	negative
hoodwink	negative
hooligan	negative
hooray	positive
hopeful	positive
hopeless	negative
hopelessly	negative
hopelessness	negative
horde	negative
horrendous	negative
horrendously	negative
horrible	negative
horrid	negative
horrific	negative
horrified	negative
horrifies	negative
horrify	negative
horrifying	negative
horrifys	negative
hospitable	positive
-	-
hostage hostile	negative
	negative
hostilities	negative
hostility hot	negative
	positive
hotbeds hotcake	negative
notcake hotcakes	positive
	positive
hothead	negative
hotheaded	negative
hothouse	negative

word	sentiment
hottest	positive
hubris	negative
huckster	negative
hug	positive
hum	negative
humane	positive
humble	positive
humid	negative
humiliate	negative
humiliating	negative
humiliation	negative
humility	positive
humming	negative
humor	positive
humorous	positive
humorously	positive
humour	positive
humourous	positive
hung	negative
hurt	negative
hurted	negative
hurtful	negative
hurting	negative
hurts	negative
hustler	negative
hype	negative
hypocricy	negative
hypocrisy	negative
hypocrite	negative
hypocrites	negative
hypocritical	negative
hypocritically	negative
hysteria	negative
hysteric	negative
hysterical	negative
hysterically	negative
hysterics	negative
ideal	positive
idealize	positive
ideally	positive
idiocies	negative
idiocy	negative
idiot	negative
idiotic	negative
idiotically	negative
idiots	negative
idle	negative
idol	positive
idolize	positive
idolized	positive
idyllic	positive
ignoble	negative
18110010	110840110

word	sentiment
ignominious	negative
ignominiously	negative
ignominy	negative
ignorance	negative
ignorant	negative
ignore	negative
ill-advised	negative
ill-conceived	negative
ill-defined	negative
ill-designed	negative
ill-fated	negative
ill-favored	negative
ill-formed	negative
ill-mannered	negative
ill-natured	negative
ill-sorted	negative
ill-tempered	negative
ill-treated	negative
ill-treatment	negative
ill-usage	negative
ill-used	negative
illegal	negative
illegally	negative
illegitimate	negative
illicit	negative
illiterate	negative
illness	negative
illogic	negative
illogical	negative
illogically	negative
illuminate	positive
illuminati	positive
illuminating	positive
illumine	positive
illusion	negative
illusions	negative
illusory	negative
illustrious	positive
ilu	positive
imaculate	positive
imaginary	negative
imaginative	positive
imbalance	negative
imbecile	negative
imbroglio	negative
immaculate	positive
immaculately	positive
immaterial	negative
immature	negative
immense	positive
imminence	negative
imminently	negative
v	O

word	sentiment
immobilized	negative
immoderate	negative
immoderately	negative
immodest	negative
immoral	negative
immorality	negative
immorally	negative
immovable	negative
impair	negative
impaired	negative
impartial	positive
impartiality	positive
impartially	positive
impasse	negative
impassioned	positive
impatience	negative
impatient	negative
impatiently	negative
impeach	negative
impeccable	positive
impeccably	positive
impedance	negative
impede	negative
impediment	negative
impending	negative
impenitent	negative
imperfect	negative
imperfection	negative
imperfections	negative
imperfectly	negative
imperialist	negative
imperial	negative
imperious	negative
imperiously	negative
imperiously	negative
impermissible	negative
impersonal	negative
imperument	negative
impetuously	negative
imperuously	negative
impinge	negative
impinge	negative
implacable	negative
implausible	negative
implausibly	_
implicate	negative
*	negative
implication	negative
implode impolita	negative
impolite	negative
impolitely	negative
impolitic	negative
important	positive

word	sentiment
importunate	negative
importune	negative
impose	negative
imposers	negative
imposing	negative
imposition	negative
impossible	negative
impossiblity	negative
impossibly	negative
impotent	negative
impoverish	negative
impoverished	negative
impractical	negative
imprecate	negative
imprecise	negative
imprecisely	negative
imprecision	negative
impress	positive
impressed	positive
impresses	positive
impressive	positive
impressively	positive
impressiveness	positive
imprison	negative
imprisonment	negative
improbability	negative
improbable	negative
improbably	negative
improper	negative
improperly	negative
impropriety	negative
improve	positive
improved	positive
improvement	positive
improvements	positive
improves	positive
improving	positive
imprudence	negative
imprudent	negative
impudence	negative
impudent	negative
impudently	negative
impugn	negative
impulsive	negative
impulsively	negative
impunity	negative
impure	negative
impurity	negative
inability	negative
inaccuracies	negative
inaccuracy	negative
inaccurate	negative

word	sentiment
inaccurately	negative
inaction	negative
inactive	negative
inadequacy	negative
inadequate	negative
inadequately	negative
inadverent	negative
inadverently	negative
inadvisable	negative
inadvisably	negative
inane	negative
inanely	negative
inappropriate	negative
inappropriately	negative
inapt	negative
inaptitude	negative
inarticulate	negative
inattentive	negative
inaudible	negative
incapable	negative
incapably	negative
incautious	negative
incendiary	negative
incense	negative
incessant	negative
incessantly	negative
incite	negative
incitement	negative
incivility	negative
inclement	negative
incognizant	negative
incoherence	negative
incoherent	negative
incoherently	negative
incommensurate	negative
incomparable	negative
incomparably	negative
incompatability	negative
incompatibility	negative
incompatible	negative
incompetence	negative
incompetent	negative
incompetently	negative
incomplete	negative
incompliant	negative
incomprehensible	negative
incomprehension	negative
inconceivable	negative
inconceivably	negative
incongruous	negative
incongruously	negative
inconsequent	negative
monoquem	110800110

word	sentiment
inconsequential	negative
inconsequentially	negative
inconsequently	negative
inconsiderate	negative
inconsiderately	negative
inconsistence	negative
inconsistencies	negative
inconsistency	negative
inconsistent	negative
inconsolable	negative
inconsolably	negative
inconstant	negative
inconvenience	negative
inconveniently	negative
incorrect	negative
incorrectly	negative
incorrigible	negative
incorrigibly	negative
incredible	positive
incredibly	positive
incredulous	negative
incredulously	negative
inculcate	negative
indebted	positive
indecency	negative
indecent	negative
indecently	negative
indecision	negative
indecisive	negative
indecisively	negative
indecorum	negative
indefensible	negative
indelicate	negative
indeterminable	negative
indeterminably	negative
indeterminate	negative
indifference	negative
indifferent	negative
indigent	negative
indignant	negative
indignantly	negative
indignation	negative
indignity	negative
indiscernible	negative
indiscreet	negative
indiscreetly	negative
indiscretion	negative
indiscriminate	negative
indiscriminately	negative
indiscriminating	negative
indistinguishable	negative
individualized	positive
	_

word	sentimen
indoctrinate	negative
indoctrination	negative
indolent	negative
indulge	negative
indulgence	positive
indulgent	positive
industrious	positive
ineffective	negative
ineffectively	negative
ineffectiveness	negative
ineffectual	negative
ineffectually	negative
ineffectualness	negative
inefficacious	negative
inefficacy	negative
inefficiency	negative
inefficient	negative
inefficiently	negative
inelegance	negative
inelegant	negative
ineligible	negative
ineloquent	negative
ineloquently	negative
inept	negative
ineptitude	negative
ineptly	negative
inequalities	negative
inequality	negative
inequitable	negative
inequitably	negative
inequities	negative
inescapable	negative
inescapably	negative
inessential	negative
inestimable	positive
inestimably	positive
inevitable	negative
inevitably	negative
inexcusable	negative
inexcusably	negative
inexorable	negative
inexorably	negative
inexpensive	positive
inexperience	negative
inexperienced	negative
inexpert	negative
inexpertly	negative
inexpiable	negative
inexplainable	negative
inextricable	negative
inextricably	negative
infallibility	positive
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word	sentiment
infallible	positive
infallibly	positive
infamous	negative
infamously	negative
infamy	negative
infected	negative
infection	negative
infections	negative
inferior	negative
inferiority	negative
infernal	negative
infest	negative
infested	negative
infidel	negative
infidels	negative
infiltrator	negative
infiltrators	negative
infirm	negative
inflame	negative
inflammation	negative
inflammatory	negative
inflammed	negative
inflated	negative
	~
inflationary inflexible	negative
	negative
inflict	negative
influential	positive
infraction	negative
infringe	negative
infringement	negative
infringements	negative
infuriate	negative
infuriated	negative
infuriating	negative
infuriatingly	negative
ingenious	positive
ingeniously	positive
ingenuity	positive
ingenuous	positive
ingenuously	positive
inglorious	negative
ingrate	negative
ingratitude	negative
inhibit	negative
inhibition	negative
inhospitable	negative
inhospitality	negative
inhuman	negative
inhumane	negative
inhumanity	negative
inimical	negative
inimically	negative
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word	sentimen
iniquitous	negative
iniquity	negative
injudicious	negative
injure	negative
injurious	negative
injury	negative
injustice	negative
injustices	negative
innocuous	positive
innovation	positive
innovative	positive
innuendo	negative
inoperable	negative
inopportune	negative
inordinate	negative
inordinately	negative
inpressed	positive
insane	negative
insanely	negative
insanity	negative
insatiable	negative
insecure	negative
insecurity	negative
insensible	negative
insensitive	negative
insensitively	negative
insensitivity	negative
insidious	negative
insidiously	negative
insightful	positive
insightfully	positive
insignificance	negative
insignificant	negative
insignificantly	negative
insincere	negative
insincerely	negative
insincerity	negative
insinuate	negative
insinuating	negative
insinuation	negative
insociable	negative
insolence	negative
insolent	negative
insolently	negative
insolvent	negative
insouciance	negative
inspiration	positive
inspirational	positive
inspire	positive
inspiring	positive
instability	negative
instable	negative
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word	sentiment
instantly	positive
instigate	negative
instigator	negative
instigators	negative
instructive	positive
instrumental	positive
insubordinate	negative
insubstantial	negative
insubstantially	negative
insufferable	negative
insufferably	negative
insufficiency	negative
insufficient	negative
insufficiently	negative
insular	negative
insult	negative
insulted	negative
insulting	negative
insultingly	negative
insults	negative
insupportable	negative
insupportably	negative
insurmountable	negative
insurmountably	negative
insurrection	negative
intefere	negative
inteferes	negative
integral	positive
integrated	positive
intelligence	positive
intelligent	positive
intelligible	positive
intense	negative
interesting	positive
interests	positive
interfere	negative
interference	negative
interferes	negative
intermittent	negative
interrupt	negative
interruption	negative
interruptions	negative
intimacy	positive
intimate	positive
intimidate	negative
intimidating	negative
intimidatingly	negative
intimidation	negative
intolerable	negative
intolerablely	negative
intolerance	negative
intoxicate	negative

word	sentiment
intractable	negative
intransigence	negative
intransigent	negative
intricate	positive
intrigue	positive
intriguing	positive
intriguingly	positive
intrude	negative
intrusion	negative
intrusive	negative
intuitive	positive
inundate	negative
inundated	negative
invader	negative
invalid	negative
invalidate	negative
invalidity	negative
invaluable	positive
invaluablely	positive
invasive	negative
invective	negative
inveigle	negative
inventive	positive
invidious	negative
invidiously	negative
invidiousness	negative
invigorate	positive
invigorating	positive
invincibility	positive
invincible	positive
inviolable	positive
inviolate	positive
invisible	negative
involuntarily	negative
involuntary	negative
invulnerable	positive
irascible	negative
irate	negative
irately	negative
ire	negative
irk	negative
irked	negative
irking	negative
irks	negative
irksome	negative
irksomely	negative
irksomeness	negative
irksomenesses	negative
ironic	negative
ironical	negative
ironically	negative
ironies	negative
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word	sentiment
irony	negative
irragularity	negative
irrational	negative
irrationalities	negative
irrationality	negative
irrationally	negative
irrationals	negative
irreconcilable	negative
irrecoverable	negative
irrecoverableness	negative
irrecoverablenesses	negative
irrecoverably	negative
irredeemable	negative
irredeemably	negative
irreformable	negative
irregular	negative
irregularity	negative
irrelevance	negative
irrelevant	negative
irreparable	negative
irreplaceable	positive
irreplacible	negative
irrepressible	negative
irreproachable	positive
irresistible	positive
irresistibly	positive
irresolute	negative
irresolvable	negative
irresponsible	negative
irresponsibly	negative
irretating	negative
irretrievable	negative
irreversible	negative
irritable	negative
irritably	negative
irritant	negative
irritate	negative
irritated	negative
irritating	negative
irritation	negative
irritations	negative
isolate	negative
isolated	negative
isolation	negative
issue	negative
issue-free	positive
issues	negative
itch	negative
itching	negative
itchy	negative
jabber	negative
jaded	negative

word	sentiment
jagged	negative
jam	negative
jarring	negative
jaundiced	negative
jaw-droping	positive
jaw-dropping	positive
jealous	negative
jealously	negative
jealousness	negative
jealousy	negative
jeer	negative
jeering	negative
jeeringly	negative
jeers	negative
jeopardize	negative
jeopardy	negative
jerk	negative
jerky	negative
jitter	negative
jitters	negative
jittery	negative
job-killing	negative
jobless	negative
joke	negative
joker	negative
jollify	positive
jolly	positive
jolt	negative
jovial	positive
joy	positive
joyful	positive
joyfully	positive
joyous	positive
joyously	positive
jubilant	positive
jubilantly	positive
jubilate	positive
jubilation	positive
jubiliant	positive
judder	negative
juddering	negative
judders	negative
judicious	positive
jumpy	negative
junk	negative
junky	negative
junkyard	negative
justly	positive
jutter	negative
jutters	negative
kaput	negative
keen	positive
KCH	positive

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word	sentiment
keenly	positive
keenness	positive
kid-friendly	positive
kill	negative
killed	negative
killer	negative
killing	negative
killjoy	negative
kills	negative
kindliness	positive
kindly	positive
kindness	positive
knave	negative
knife	negative
knock	negative
knotted	negative
knowledgeable	positive
kook	negative
kooky	negative
kudos	positive
lack	negative
lackadaisical	negative
lacked	negative
lackey	negative
lackeys	negative
lacking	negative
lackluster	negative
lacks	negative
laconic	negative
lag	negative
lagged	negative
lagging	negative
laggy	negative
lags	negative
laid-off	negative
lambast	negative
lambaste	negative
lame	negative
lame-duck	negative
lament	negative
lamentable	negative
lamentably	negative
languid	negative
languish	negative
languor	negative
languorous	negative
languorously	negative
lanky	negative
lapse	negative
lapsed	negative
lapses	negative
large-capacity	positive

word	sentiment
lascivious	negative
last-ditch	negative
latency	negative
laud	positive
laudable	positive
laudably	positive
laughable	negative
laughably	negative
laughingstock	negative
lavish	positive
lavishly	positive
law-abiding	positive
lawbreaker	negative
lawbreaking	negative
lawful	positive
lawfully	positive
lawless	negative
lawlessness	negative
layoff	negative
layoff-happy	negative
lazy	negative
lead	positive
leading	positive
leads	positive
leak	negative
leakage	negative
leakages	negative
leaking	negative
leaks	negative
leaky	negative
lean	positive
lech	negative
lecher	negative
lecherous	negative
lechery	negative
led	positive
leech	negative
leer	negative
leery	negative
left-leaning	negative
legendary	positive
lemon	negative
lengthy	negative
less-developed	negative
lesser-known	negative
letch	negative
lethal	negative
lethargic	negative
lethargy	negative
leverage	positive
levity	positive
lewd	negative
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word	sentiment
lewdly	negative
lewdness	negative
liability	negative
liable	negative
liar	negative
liars	negative
liberate	positive
liberation	positive
liberty	positive
licentious	negative
licentiously	negative
licentiousness	negative
lie	negative
lied	negative
lier	negative
lies	negative
life-threatening	negative
lifeless	negative
lifesaver	positive
light-hearted	positive
lighter	positive
likable	positive
like	positive
liked	positive
likes	positive
liking	positive
limit	negative
limitation	negative
limitations	negative
limited	negative
limits	negative
limp	negative
lionhearted	positive
listless	negative
litigious	negative
little-known	negative
lively	positive
livid	negative
lividly	negative
loath	negative
loathe	negative
loathing	negative
loathly	negative
loathsome	negative
loathsomely	negative
logical	positive
lone	negative
loneliness	negative
lonely	negative
loner	negative
lonesome	negative
long-lasting	positive
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word	sentiment
long-time	negative
long-winded	negative
longing	negative
longingly	negative
loophole	negative
loopholes	negative
loose	negative
loot	negative
lorn	negative
lose	negative
loser	negative
losers	negative
loses	negative
losing	negative
loss	negative
losses	negative
lost	negative
loud	negative
louder	negative
lousy	negative
lovable	positive
lovably	positive
love	positive
loved	positive
loveless	negative
loveliness	positive
lovelorn	negative
lovely	positive
lover	positive
loves	positive
loving	positive
low-cost	positive
low-price	positive
low-priced	positive
low-rated	negative
low-risk	positive
lower-priced	positive
lowly	negative
loyal	positive
loyalty	positive
lucid	positive
lucidly	positive
luck	positive
luckier	positive
luckiest	positive
luckiness	positive
lucky	positive
lucrative	positive
ludicrous	negative
ludicrously	negative
lugubrious	negative
lukewarm	negative
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word	sentiment
lull	negative
luminous	positive
lumpy	negative
lunatic	negative
lunaticism	negative
lurch	negative
lure	negative
lurid	negative
lurk	negative
lurking	negative
lush	positive
luster	positive
lustrous	positive
luxuriant	positive
luxuriate	positive
luxurious	positive
luxuriously	positive
luxury	positive
lying	negative
lyrical	positive
macabre	negative
mad	negative
madden	negative
maddening	negative
maddeningly	negative
madder	negative
madly	negative
madman	negative
madness	negative
magic	positive
magical	positive
magnanimous	positive
magnanimously	positive
magnificence	positive
magnificent	positive
magnificently	positive
majestic	positive
majesty	positive
maladjusted	negative
maladjustment	negative
malady	negative
malaise	negative
malcontent	negative
malcontented	negative
maledict	negative
malevolence	negative
malevolent	negative
malevolently	negative
malice	negative
malicious	negative
maliciously	negative
maliciousness	negative
inancio usitess	negative

word	sentiment
malign	negative
malignant	negative
malodorous	negative
maltreatment	negative
manageable	positive
maneuverable	positive
mangle	negative
mangled	negative
mangles	negative
mangling	negative
mania	negative
maniac	negative
maniacal	negative
manic	negative
manipulate	negative
manipulation	negative
manipulative	negative
manipulators	negative
mar	negative
marginal	negative
marginally	negative
martyrdom	negative
martyrdom-seeking	negative
marvel	positive
marveled	positive
marvelled	positive
marvellous	positive
marvelous	positive
marvelously	positive
marvelousness	positive
marvels	positive
mashed	negative
massacre	negative
massacres	negative
master	positive
masterful	positive
masterfully	positive
masterpiece	positive
masterpieces	positive
masters	positive
mastery	positive
matchless	positive
matte	negative
mature	positive
maturely	positive
maturity	positive
mawkish	negative
mawkishly	negative
mawkishness	negative
meager	negative
meaningful	positive
meaningless	negative
moaningross	negative

word	sentimen
meanness	negative
measly	negative
meddle	negative
meddlesome	negative
mediocre	negative
mediocrity	negative
melancholy	negative
melodramatic	negative
melodramatically	negative
meltdown	negative
memorable	positive
menace	negative
menacing	negative
menacingly	negative
mendacious	negative
mendacity	negative
menial	negative
merciful	positive
mercifully	positive
merciless	negative
mercilessly	negative
mercy	positive
merit	positive
meritorious	positive
merrily	positive
merriment	positive
merriness	positive
merry	positive
mesmerize	positive
mesmerized	positive
mesmerizes	positive
mesmerizing	positive
mesmerizingly	positive
mess	negative
messed	negative
messes	negative
messing	negative
messy	negative
meticulous	positive
meticulously	positive
midget	negative
miff	negative
mightily	positive
mighty	positive
militancy	negative
mind-blowing	positive
mindless	negative
mindlessly	negative
miracle	positive
miracles	positive
miraculous	positive
miraculously	positive
v	-

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word	sentiment
miraculousness	positive
mirage	$_{ m negative}$
mire	negative
misalign	negative
misaligned	negative
misaligns	negative
misapprehend	negative
misbecome	negative
misbecoming	negative
misbegotten	negative
misbehave	negative
misbehavior	negative
miscalculate	negative
miscalculation	negative
miscellaneous	negative
mischief	negative
mischievous	negative
mischievously	negative
misconception	negative
misconceptions	negative
miscreant	negative
miscreants	negative
misdirection	negative
miser	negative
miserable	negative
miserableness	negative
miserably	negative
miseries	negative
miserly	negative
•	_
misery misfit	negative
misfortune	negative
	negative
misgiving	negative
misgivings	negative
misguidance	negative
misguide	negative
misguided	negative
mishandle	negative
mishap	negative
misinform	negative
misinformed	negative
misinterpret	negative
misjudge	negative
misjudgment	negative
mislead	negative
misleading	negative
misleadingly	negative
mislike	negative
mismanage	negative
mispronounce	negative
mispronounced	negative
mispronounces	negative
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word	sentiment
misread	negative
misreading	negative
misrepresent	negative
misrepresentation	negative
miss	negative
missed	negative
misses	negative
misstatement	negative
mist	negative
mistake	negative
mistaken	negative
mistakenly	negative
mistakes	negative
mistified	negative
mistress	negative
mistrust	negative
mistrustful	negative
mistrustfully	negative
mists	negative
misunderstand	negative
misunderstanding	negative
misunderstandings	negative
misunderstood	negative
misuse	negative
moan	negative
mobster	negative
mock	negative
mocked	negative
mockeries	negative
mockery	negative
mocking	negative
mockingly	negative
mocks	negative
modern	positive
modest	positive
modesty	positive
molest	negative
molestation	negative
momentous	positive
monotonous	negative
	negative
monotony	
monster	negative
monstrosities	negative
monstrosity	negative
monstrous	negative
monstrously	negative
monumental	positive
monumentally	positive
moody	negative
moot	negative
mope	negative
morality	positive

word	sentiment
morbid	negative
morbidly	negative
mordant	negative
mordantly	negative
moribund	negative
moron	negative
moronic	negative
morons	negative
mortification	negative
mortified	negative
mortify	negative
mortifying	negative
motionless	negative
motivated	positive
motley	negative
mourn	negative
mourner	negative
mournful	negative
mournfully	negative
muddle	negative
muddy	negative
mudslinger	negative
mudslinging	negative
mulish	negative
multi-polarization	negative
multi-purpose	positive
mundane	negative
murder	negative
murderer	negative
murderous	negative
murderously	negative
murky	negative
muscle-flexing	negative
mushy	negative
musty	negative
mysterious	negative
mysteriously	negative
mystery	negative
mystify	negative
myth	negative
nag	negative
nagging	negative
naive	negative
naively	negative
narrower	negative
nastily	negative
nastiness	negative
nasty	negative
naughty	negative
nauseate	negative
nauseates	negative
nauseating	negative

word	sentiment
nauseatingly	negative
navigable	positive
neat	positive
neatest	positive
neatly	positive
nebulous	negative
nebulously	negative
needless	negative
needlessly	negative
needy	negative
nefarious	negative
nefariously	negative
negate	negative
negation	negative
negative	negative
negatives	negative
negativity	negative
neglect	negative
neglected	negative
negligence	negative
negligent	negative
nemesis	negative
nepotism	negative
nervous	negative
nervously	negative
nervousness	negative
nettle	negative
nettlesome	negative
neurotic	negative
neurotically	negative
nice	positive
nicely	positive
nicer	positive
nicest	positive
nifty	positive
niggle	negative
niggles	negative
nightmare	negative
nightmarish	negative
nightmarishly	negative
nimble	positive
	-
nitpick nitpicking	negative
noble	negative
	positive
nobly	positive
noise	negative
noiseless	positive
noises	negative
noisier	negative
noisy	negative
non-confidence	negative
non-violence	positive

word	sentiment
non-violent	positive
nonexistent	negative
nonresponsive	negative
nonsense	negative
nosey	negative
notably	positive
noteworthy	positive
notoriety	negative
notorious	negative
notoriously	negative
nourish	positive
nourishing	positive
nourishment	positive
novelty	positive
noxious	negative
nuisance	negative
numb	negative
nurturing	positive
oasis	positive
obese	negative
object	negative
objection	negative
objectionable	negative
objections	negative
oblique	negative
obliterate	negative
obliterated	negative
oblivious	negative
obnoxious	negative
obnoxiously	negative
obscene	negative
obscenely	negative
obscenity	negative
obscure	negative
obscured	negative
obscures	negative
obscurity	negative
obsess	negative
obsession	positive
obsessions	positive
obsessive	negative
obsessively	negative
obsessiveness	negative
obsolete	negative
obstacle	negative
obstinate	negative
obstinately	negative
obstruct	negative
obstructed	negative
obstructing	negative
obstruction	negative
obstructs	negative

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word	sentiment
obtainable	positive
obtrusive	negative
obtuse	negative
occlude	negative
occluded	negative
occludes	negative
occluding	negative
odd	negative
odder	negative
oddest	negative
oddities	negative
oddity	negative
oddly	negative
odor	negative
offence	negative
offend	negative
offender	negative
offending	negative
offenses	negative
offensive	negative
offensively	negative
offensiveness	negative
officious	negative
ominous	negative
ominously	negative
omission	negative
omit	negative
one-sided	negative
onerous	negative
onerously	negative
onslaught	negative
openly	positive
openness	positive
opinionated	negative
opponent	negative
opportunistic	negative
oppose	negative
opposition	negative
oppositions	negative
oppress	negative
oppression	negative
oppressive	negative
oppressively	negative
oppressiveness	negative
oppressors	negative
optimal	positive
optimism	positive
optimistic	positive
opulent	positive
ordeal	negative
orderly	positive
originality	positive
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word	sentiment
orphan	negative
ostracize	negative
outbreak	negative
outburst	negative
outbursts	negative
outcast	negative
outcry	negative
outdo	positive
outdone	positive
outlaw	negative
outmoded	negative
outperform	positive
outperformed	positive
outperforming	positive
outperforms	positive
outrage	negative
outraged	negative
outrageous	negative
outrageously	negative
outrageousness	negative
outrages	negative
outshine	positive
outshone	positive
outsider	negative
outsmart	positive
outstanding	positive
outstandingly	positive
outstrip	positive
outwit	positive
ovation	positive
over-acted	negative
over-awe	negative
over-balanced	negative
over-hyped	negative
over-priced	negative
over-valuation	negative
overact	negative
overacted	negative
overawe	negative
overbalance	negative
overbalanced	negative
overbearing	negative
overbearingly	negative
overblown	negative
overdo	negative
overdone	negative
overdue	negative
overemphasize	negative
overheat	negative
overjoyed	positive
overkill	negative
overloaded	negative

word	sentiment
overlook	negative
overpaid	negative
overpayed	negative
overplay	negative
overpower	negative
overpriced	negative
overrated	negative
overreach	negative
overrun	negative
overshadow	negative
oversight	negative
oversights	negative
oversimplification	negative
oversimplified	negative
oversimplify	negative
oversize	negative
overstate	negative
overstated	negative
overstatement	negative
overstatements	negative
overstates	negative
overtake	positive
overtaken	positive
overtakes	positive
overtaking	positive
overtaxed	negative
overthrow	negative
overthrows	negative
overtook	positive
overture	positive
overturn	negative
overweight	negative
overwhelm	negative
overwhelmed	negative
overwhelming	negative
overwhelmingly	negative
overwhelms	negative
overzealous	negative
overzealously	negative
overzelous	negative
pain	negative
pain-free	positive
painful	negative
painfull	negative
painfully	negative
painless	positive
painlessly	positive
pains	negative
palatial	positive
pale	negative
pales	negative
paltry	negative
Parary	110540110

word	sentimen
pamper	positive
pampered	positive
pamperedly	positive
pamperedness	positive
pampers	positive
pan	negative
pandemonium	negative
pander	negative
pandering	negative
panders	negative
panic	negative
panick	negative
panicked	negative
panicking	negative
panicky	negative
panoramic	positive
paradise	positive
paradoxical	negative
paradoxically	negative
paralize	negative
paralyzed	negative
paramount	positive
paranoia	negative
paranoid	negative
parasite	negative
pardon	positive
pariah	negative
parody	negative
partiality	negative
partisan	negative
partisans	negative
passe	negative
passion	positive
passionate	positive
passionately	positive
passive	negative
passiveness	negative
pathetic	negative
pathetically	negative
patience	positive
patient	positive
patiently	positive
patriot	positive
patriotic	positive
patronize	negative
paucity	negative
pauper	negative
paupers	negative
payback	negative
peace	positive
peaceable	positive
peaceful	positive

word	sentiment
peacefully	positive
peacekeepers	positive
peach	positive
peculiar	negative
peculiarly	negative
pedantic	negative
peeled	negative
peerless	positive
peeve	negative
peeved	negative
peevish	negative
peevishly	negative
penalize	negative
penalty	negative
pep	positive
pepped	positive
pepping	positive
peppy	positive
peps	positive
perfect	positive
perfection	positive
perfectly	positive
perfidious	negative
perfidity	negative
perfunctory	negative
peril	negative
perilous	negative
perilously	negative
perish	negative
permissible	positive
pernicious	negative
perplex	negative
perplexed	negative
perplexing	negative
perplexity	negative
persecute	negative
persecution	negative
perseverance	positive
persevere	positive
personages	positive
personalized	positive
pertinacious	negative
pertinaciously	negative
pertinacity	negative
perturb	negative
perturbed	negative
pervasive	negative
perverse	negative
perversely	negative
perversion	negative
perversity	negative
pervert	negative
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word	sentimen
perverted	negative
perverts	negative
pessimism	negative
pessimistic	negative
pessimistically	negative
pest	negative
pestilent	negative
petrified	negative
petrify	negative
pettifog	negative
petty	negative
phenomenal	positive
phenomenally	positive
phobia	negative
phobic	negative
phony	negative
picket	negative
picketed	negative
picketing	negative
pickets	negative
picky	negative
picturesque	positive
piety	positive
pig	negative
pigs	negative
pillage	negative
pillory	negative
pimple	negative
pinch	negative
pinnacle	positive
pique	negative
pitiable	negative
pitiful	negative
pitifully	negative
pitiless	negative
pitilessly	negative
pittance	negative
pity	negative
plagiarize	negative
plague	negative
plasticky	negative
playful	positive
playfully	positive
plaything	negative
plea	negative
pleas	negative
pleasant	positive
pleasantly	positive
pleased	positive
pleases	positive
pleasing	positive
pleasingly	positive
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word	sentimen
pleasurable	positive
pleasurably	positive
pleasure	positive
plebeian	negative
plentiful	positive
plight	negative
plot	negative
plotters	negative
ploy	negative
plunder	negative
plunderer	negative
pluses	positive
plush	positive
plusses	positive
poetic	positive
poeticize	positive
poignant	positive
pointless	negative
pointlessly	negative
poise	positive
poised	positive
poison	negative
poisonous	negative
poisonously	negative
pokey	negative
poky	negative
polarisation	negative
polemize	negative
polished	positive
polite	positive
politeness	positive
pollute	negative
polluter	negative
polluters	negative
polution	negative
pompous	negative
poor	negative
poorer	negative
poorest	negative
poorly	negative
popular	positive
portable	positive
posh	positive
positive	positive
positively	positive
positives	positive
posturing	negative
pout	negative
poverty	negative
powerful	positive
powerfully	positive
powerless	negative

word	sentiment
praise	positive
praiseworthy	positive
praising	positive
prate	negative
pratfall	negative
prattle	negative
pre-eminent	positive
precarious	negative
precariously	negative
precious	positive
precipitate	negative
precipitous	negative
precise	positive
precisely	positive
predatory	negative
predicament	negative
preeminent	positive
prefer	positive
preferable	positive
preferably	positive
prefered	positive
preferes	positive
preferring	positive
prefers	positive
prejudge	negative
prejudice	negative
prejudices	negative
prejudicial	negative
premeditated	negative
premier	positive
preoccupy	negative
preposterous	negative
preposterously	negative
prestige	positive
prestigious	positive
presumptuous	negative
presumptuously	negative
pretence	negative
pretend	negative
pretense	negative
pretentious	negative
pretentiously	negative
prettily	positive
pretty	positive
prevaricate	negative
priceless	
	positive
pricey	negative
pricier	negative
prick priekle	negative
prickle	negative
prickles	negative
pride	positive

word	sentiment
prideful	negative
prik	negative
primitive	negative
principled	positive
prison	negative
prisoner	negative
privilege	positive
privileged	positive
prize	positive
proactive	positive
problem	negative
problem-free	positive
problem-solver	positive
problematic	negative
problems	negative
procrastinate	negative
procrastinates	negative
procrastination	negative
prodigious	positive
prodigiously	positive
prodigy	positive
productive	positive
productively	positive
profane	negative
profanity	negative
proficient	positive
proficiently	positive
profound	positive
profoundly	positive
profuse	positive
profusion	positive
progress	positive
progressive	positive
prohibit	negative
prohibitive	negative
prohibitively	negative
prolific	positive
prominence	positive
prominent	positive
promise	positive
promised	positive
promises	positive
promising	positive
promoter	positive
prompt	positive
promptly	positive
propaganda	negative
propagandize	negative
proper	positive
properly	positive
propitious	positive
propitiously	positive
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word	sentimen
proprietary	negative
pros	positive
prosecute	negative
prosper	positive
prosperity	positive
prosperous	positive
prospros	positive
protect	positive
protection	positive
protective	positive
protest	negative
protested	negative
protesting	negative
protests	negative
protracted	negative
proud	positive
proven	positive
proves	positive
providence	positive
proving	positive
provocation	negative
provocation	negative
	negative
provoke	
prowess	positive
prudence	positive
prudent	positive
prudently	positive
pry	negative
pugnacious	negative
pugnaciously	negative
pugnacity	negative
punch	negative
punctual	positive
punish	negative
punishable	negative
punitive	negative
punk	negative
puny	negative
puppet	negative
puppets	negative
pure	positive
purify	positive
purposeful	positive
puzzled	negative
puzzlement	negative
puzzling	negative
quack	negative
quaint	positive
qualified	positive
qualify	positive
qualm	negative
qualms	negative
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word	sentiment
quandary	negative
quarrel	negative
quarrellous	negative
quarrellously	negative
quarrels	negative
quarrelsome	negative
quash	negative
queer	negative
questionable	negative
quibble	negative
quibbles	negative
quicker	positive
quiet	positive
quieter	positive
quitter	negative
rabid	negative
racism	negative
racist	negative
racists	negative
racy	negative
radiance	positive
radiant	positive
radical	negative
radicalization	negative
radically	negative
radicals	negative
rage	negative
ragged	negative
raging	negative
rail	negative
raked	negative
rampage	negative
rampant	negative
ramshackle	negative
rancor	negative
randomly	negative
rankle	negative
rant	negative
ranted	negative
ranting	negative
rantingly	negative
rants	negative
rape	negative
raped	negative
rapid	positive
raping	negative
rapport	positive
rapt	positive
rapture	positive
raptureous	positive
raptureously	positive
rapturous	positive
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word	sentiment
rapturously	positive
rascal	negative
rascals	negative
rash	negative
rational	positive
rattle	negative
rattled	negative
rattles	negative
ravage	negative
raving	negative
razor-sharp	positive
reachable	positive
reactionary	negative
readable	positive
readily	positive
ready	positive
reaffirm	positive
reaffirmation	positive
realistic	positive
realizable	positive
reasonable	positive
reasonably	positive
reasoned	positive
reassurance	positive
reassure	positive
rebellious	negative
rebuff	negative
rebuke	negative
recalcitrant	negative
recant	negative
	positive
receptive recession	negative
recessionary	negative
reckless	
recklessly	negative
recklessness	negative
	negative
reclaim recoil	positive
	negative
recomend	positive
recommend	positive
recommendation	positive
recommendations	positive
recommended	positive
reconcile	positive
reconciliation	positive
record-setting	positive
recourses	negative
recover	positive
recovery	positive
rectification	positive
rectify	positive
rectifying	positive

word	sentiment
redeem	positive
redeeming	positive
redemption	positive
redundancy	negative
redundant	negative
refine	positive
refined	positive
refinement	positive
reform	positive
reformed	positive
reforming	positive
reforms	positive
refresh	positive
refreshed	positive
refreshing	positive
refund	positive
refunded	positive
refusal	-
refuse	negative
	negative
refused	negative
refuses	negative
refusing	negative
refutation	negative
refute	negative
refuted	negative
refutes	negative
refuting	negative
regal	positive
regally	positive
regard	positive
regress	negative
regression	negative
regressive	negative
regret	negative
regreted	negative
regretful	negative
regretfully	negative
regrets	negative
regrettable	negative
regrettably	negative
regretted	negative
reject	negative
rejected	negative
rejecting	negative
rejection	negative
rejects	negative
rejoice	positive
rejoicing	positive
rejoicingly	positive
rejuvenate	positive
*	positive
rejuvenated	-
rejuvenating	positive

word	sentiment
relapse	negative
relaxed	positive
relent	positive
relentless	negative
relentlessly	negative
relentlessness	negative
reliable	positive
reliably	positive
relief	positive
relish	positive
reluctance	negative
reluctant	negative
reluctantly	negative
remarkable	positive
remarkably	positive
remedy	positive
remission	positive
remorse	negative
remorseful	negative
remorsefully	negative
remorseless	negative
remorselessly	negative
remorselessness	negative
remunerate renaissance	positive
	positive
renewed	positive
renounce	negative
renown	positive
renowned	positive
renunciation	negative
repel	negative
repetitive	negative
replaceable	positive
reprehensible	negative
reprehensibly	negative
reprehension	negative
reprehensive	negative
repress	negative
repression	negative
repressive	negative
reprimand	negative
reproach	negative
reproachful	negative
reprove	negative
reprovingly	negative
repudiate	negative
repudiation	negative
repugn	negative
repugnance	negative
repugnant	negative
repugnantly	negative
repulse	negative

word	sentimen
repulsed	negative
repulsing	negative
repulsive	negative
repulsively	negative
repulsiveness	negative
reputable	positive
reputation	positive
resent	negative
resentful	negative
resentment	negative
resignation	negative
resigned	negative
resilient	positive
resistance	negative
resolute	positive
resound	positive
resounding	positive
resourceful	positive
resourcefulness	positive
respect	positive
respectable	positive
respectful	positive
respectfully	positive
respite	positive
resplendent	positive
responsibly	positive
responsive	positive
restful	positive
restless	negative
restlessness	negative
restored	positive
restrict	negative
restricted	negative
restriction	negative
restrictive	negative
restructure	positive
restructured	positive
restructuring	positive
resurgent	negative
retaliate	negative
retaliatory	negative
retard	negative
retarded	negative
retardedness	negative
retards	negative
reticent	negative
retract	negative
retractable	positive
retreat	negative
retreated	negative
revel	positive
revelation	positive

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word	sentiment
rigidity	negative
rigidness	negative
rile	negative
riled	negative
rip	negative
rip-off	negative
ripoff	negative
ripped	negative
risk	negative
risk-free	positive
risks	negative
risky	negative
rival	negative
rivalry	negative
roadblocks	negative
robust	positive
rock-star	positive
rock-stars	positive
rockstar	positive
rockstars	positive
rocky	negative
rogue	negative
rollercoaster	negative
romantic	positive
romantically	positive
romanticize	positive
roomier	positive
roomy	positive
rosy	positive
rot	negative
rotten	negative
rough	negative
rremediable	negative
rubbish	negative
rude	negative
rue	negative
ruffian	negative
ruffle	negative
ruin	negative
ruined	negative
ruining	negative
ruinous	negative
ruins	negative
rumbling	negative
rumor	negative
rumors	negative
rumours	negative
rumple	negative
run-down	negative
runaway	negative
rupture	negative
rust	negative

word	sentiment
rusts	negative
rusty	negative
rut	negative
ruthless	negative
ruthlessly	negative
ruthlessness	negative
ruts	negative
sabotage	negative
sack	negative
sacrificed	negative
sad	negative
sadden	negative
sadly	negative
sadness	negative
safe	positive
safely	positive
sag	negative
sagacity	positive
sagely	positive
sagged	negative
sagging	negative
saggy	negative
sags	negative
saint	positive
saintliness	positive
saintly	positive
salacious	negative
salutary	positive
salute	positive
sanctimonious	negative
	positive
sane	negative
sap	negative
sarcasm	
sarcastic	negative
sarcastically	negative
sardonic	negative
sardonically	negative
sass	negative
satirical	negative
satirize	negative
satisfactorily	positive
satisfactory	positive
satisfied	positive
satisfies	positive
satisfy	positive
satisfying	positive
satisified	positive
savage	negative
savaged	negative
savagery	negative
savages	negative
saver	positive

word	sentiment
savings	positive
savior	positive
savvy	positive
scaly	negative
scam	negative
scams	negative
scandal	negative
scandalize	negative
scandalized	negative
scandalous	negative
scandalously	negative
scandals	negative
scandel	negative
scandels	negative
scant	negative
scapegoat	negative
scar	negative
scarce	negative
scarcely	negative
scarcity	negative
scare	negative
scared	negative
scarier	negative
scariest	negative
scarily	negative
scarred	negative
scars	negative
scary	negative
scathing	negative
scathingly	negative
scenic	positive
sceptical	negative
scoff	negative
scoffingly	negative
scold	negative
scolded	negative
scolding	negative
scoldingly	negative
scorching	negative
scorchingly	negative
scorn	negative
scornful	negative
scornfully	negative
scoundrel	negative
scourge	negative
scowl	negative
scramble	negative
scrambled	negative
scrambles	negative
scrambling	negative
scrap	negative
scratch	negative

word	sentiment
scratched	negative
scratches	negative
scratchy	negative
scream	negative
screech	negative
screw-up	negative
screwed	negative
screwed-up	negative
screwy	negative
scuff	negative
scuffs	negative
scum	negative
scummy	negative
seamless	positive
seasoned	positive
second-class	negative
second-tier	negative
secretive	negative
secure	positive
securely	positive
sedentary	negative
seedy	negative
seethe	negative
seething	negative
selective	positive
self-coup	negative
self-criticism	negative
self-defeating	negative
self-destructive	negative
self-determination	positive
self-humiliation	negative
self-interest	negative
self-interested	negative
self-respect	positive
self-satisfaction	positive
self-serving	negative
self-sufficiency	positive
self-sufficient	positive
selfinterested	negative
selfish	negative
selfishly	negative
selfishness	negative
semi-retarded	negative
senile	negative
sensation	positive
sensational	positive
sensationalize	negative
sensationally	positive
sensations	positive
senseless	negative
senselessly	negative
sensible	positive
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word	sentiment
sensibly	positive
sensitive	positive
serene	positive
serenity	positive
seriousness	negative
sermonize	negative
servitude	negative
set-up	negative
setback	negative
setbacks	negative
sever	negative
severe	negative
severity	negative
sexy	positive
sh*t	negative
shabby	negative
shadowy	negative
shady	negative
shake	negative
shaky	negative
shallow	negative
sham	negative
shambles	negative
shame	negative
shameful	negative
shamefully	negative
shamefulness	negative
shameless	negative
shamelessly	negative
shamelessness	negative
shark	negative
sharp	positive
sharper	positive
sharpest	positive
sharply	negative
shatter	negative
shemale	negative
shimmer	negative
shimmering	positive
shimmeringly	positive
shimmy	negative
shine	positive
shiny	positive
shipwreck	negative
shirk	negative
shirker	negative
shit	negative
shiver	negative
shock	negative
shocked	negative
shocking	negative
shockingly	negative
⊙-√	0

word	sentiment
shoddy	negative
short-lived	negative
shortage	negative
shortchange	negative
shortcoming	negative
shortcomings	negative
shortness	negative
shortsighted	negative
shortsightedness	negative
showdown	negative
shrew	negative
shriek	negative
shrill	negative
shrilly	negative
shrivel	negative
shroud	negative
shrouded	negative
shrug	negative
shun	negative
shunned	negative
sick	negative
sicken	negative
sickening	negative
sickeningly	negative
sickly	negative
sickness	negative
sidetrack	negative
sidetracked	negative
siege	negative
significant	positive
silent	positive
sillily	negative
silly	negative
simpler	positive
simplest	positive
simplified	positive
simplifies	positive
simplify	positive
simplifying	positive
simplistic	negative
simplistically	negative
sin	negative
sincere	positive
sincerely	positive
sincerity	positive
sinful	negative
sinfully	negative
sinister	negative
sinisterly	negative
sink	negative
sinking	negative
skeletons	negative
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word	sentiment
skeptic	negative
skeptical	negative
skeptically	negative
skepticism	negative
sketchy	negative
skill	positive
skilled	positive
skillful	positive
skillfully	positive
skimpy	negative
skinny	negative
skittish	negative
skittishly	negative
skulk	negative
slack	negative
slammin	positive
slander	negative
slanderer	negative
slanderous	negative
slanderously	negative
slanders	negative
slap	negative
slashing	negative
slaughter	negative
slaughtered	negative
slave	negative
slaves	negative
sleazy	negative
sleek	positive
slick	positive
slime	negative
slog	negative
slogged	negative
slogging	negative
slogs	negative
slooooooooooow	negative
sloooow	negative
slooow	negative
sloow	negative
sloppily	negative
	negative
sloppy sloth	_
	negative
slothful	negative
slow	negative
slow-moving	negative
slowed	negative
slower	negative
slowest	negative
slowly	negative
sloww	negative
slowww	negative
slowww	negative

word	sentiment
slug	negative
sluggish	negative
slump	negative
slumping	negative
slumpping	negative
slur	negative
slut	negative
sluts	negative
sly	negative
smack	negative
smallish	negative
smart	positive
smarter	positive
smartest	positive
smartly	positive
smash	negative
smear	negative
smell	negative
smelled	negative
smelling	negative
smells	negative
smelly	negative
smelt	negative
smile	positive
smiles	positive
smiling	positive
smilingly	positive
smitten	positive
smoke	negative
smokescreen	negative
smolder	negative
smoldering	negative
smooth	positive
smoother	positive
smoothes	positive
smoothest	positive
smoothly	positive
smother	negative
smoulder	negative
smouldering	negative
smudge	negative
smudged	negative
smudges	negative
$\operatorname{smudging}$	negative
smug	negative
smugly	negative
smut	negative
smuttier	negative
smuttiest	negative
smutty	negative
snag	negative
snagged	negative

word	sentiment
snagging	negative
snags	negative
snappish	negative
snappishly	negative
snappy	positive
snare	negative
snarky	negative
snarl	negative
snazzy	positive
sneak	negative
sneakily	negative
sneaky	negative
sneer	negative
sneering	negative
sneeringly	negative
snob	negative
snobbish	negative
snobby	negative
snobish	negative
snobs	negative
snub	negative
so-cal	negative
soapy	negative
sob	negative
sober	negative
sobering	negative
sociable	positive
soft	positive
softer	positive
solace	positive
solemn	negative
solicitous	positive
solicitously	positive
solicitude	negative
solid	positive
solidarity	positive
somber	
soothe	negative positive
soothe	positive
sophisticated	positive
sore	negative
sorely	negative
soreness	negative
sorrow	negative
sorrowful	negative
sorrowfully	negative
sorry	negative
soulful	positive
soundly	positive
soundness	positive
sour	negative
sourly	negative

word	sentiment
spacious	positive
spade	negative
spank	negative
sparkle	positive
sparkling	positive
spectacular	positive
spectacularly	positive
speedily	positive
speedy	positive
spellbind	positive
spellbinding	positive
spellbindingly	positive
spellbound	positive
spendy	negative
spew	negative
spewed	negative
spewing	negative
spews	negative
spilling	negative
spinster	negative
spirited	positive
spiritless	negative
spiritual	positive
spite	negative
spiteful	negative
spitefully	negative
spitefulness	negative
splatter	negative
splendid	positive
splendidly	positive
splendor	positive
split	negative
splitting	negative
spoil	negative
spoilage	negative
spoilages	negative
spoiled	negative
spoilled	negative
spoils	negative
spontaneous	positive
spook	negative
spookier	negative
spookiest	negative
spookily	negative
spooky	negative
spoon-fed	negative
spoon-feed	negative
spoonfed	negative
sporadic	negative
sporty	positive
spotless	positive
spotty	negative

word	sentiment
sprightly	positive
spurious	negative
spurn	negative
sputter	negative
squabble	negative
squabbling	negative
squander	negative
squash	negative
squeak	negative
squeaks	negative
squeaky	negative
squeal	negative
squealing	negative
squeals	negative
squirm	negative
stab	negative
stability	positive
stabilize	positive
stable	positive
stagnant	negative
stagnate	negative
stagnation	negative
staid	negative
stain	negative
stainless	positive
stainess	
stalls	negative
stalemate	negative
	negative
stall	negative
stalls	negative
stammer	negative
stampede	negative
standout	positive
standstill	negative
stark	negative
starkly	negative
startle	negative
startling	negative
startlingly	negative
starvation	negative
starve	negative
state-of-the-art	positive
stately	positive
static	negative
statuesque	positive
staunch	positive
staunchly	positive
staunchness	positive
steadfast	positive
steadfastly	positive
steadfastness	positive
steadiest	positive

word	sentiment
steadiness	positive
steady	positive
steal	negative
stealing	negative
steals	negative
steep	negative
steeply	negative
stellar	positive
stellarly	positive
stench	negative
stereotype	negative
stereotypical	negative
stereotypically	negative
stern	negative
stew	negative
sticky	negative
stiff	negative
stiffness	negative
stifle	negative
stifling	negative
stiflingly	negative
stigma	negative
stigmatize	negative
stimulate	positive
stimulates	positive
stimulating	positive
stimulative	positive
sting	negative
stinging	negative
stingingly	negative
stingy	negative
stink	negative
stinks	negative
stirringly	positive
stodgy	negative
stole	negative
stolen	negative
stooge	negative
stooges	negative
stormy	negative
straggle	negative
straggler	negative
straighten	positive
straightforward	positive
strain	negative
strained	negative
straining	negative
strange	negative
strangely	negative
	negative
stranger	negative negative
strangest	
strangle	negative

word	sentiment
streaky	negative
streamlined	positive
strenuous	negative
stress	negative
stresses	negative
stressful	negative
stressfully	negative
stricken	negative
strict	negative
strictly	negative
strident	negative
stridently	negative
strife	negative
strike	negative
striking	positive
strikingly	positive
stringent	negative
stringently	negative
striving	positive
strong	positive
stronger	positive
strongest	positive
struck	negative
struggle	negative
struggled	negative
struggles	negative
struggling	negative
strut	negative
stubborn	negative
stubbornly	negative
stubbornness	negative
stuck	negative
stuffy	negative
stumble	negative
stumbled	negative
stumbles	negative
stump	negative
stumped	negative
stumps	negative
stumps	negative
stunned	positive
stunning	positive
stunningly	-
stunt	positive
stunted	negative negative
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stupendous	positive
stupendously	positive
stupid	negative
stupidest	negative
stupidity	negative
stupidly	negative
stupified	negative

word	sentimen
stupify	negative
stupor	negative
sturdier	positive
sturdy	positive
stutter	negative
stuttered	negative
stuttering	negative
stutters	negative
sty	negative
stylish	positive
stylishly	positive
stylized	positive
stymied	negative
suave	positive
suavely	positive
sub-par	negative
subdued	negative
subjected	negative
subjection	negative
subjugate	negative
subjugation	negative
sublime	positive
submissive	negative
subordinate	negative
subpoena	negative
subpoenas	negative
subservience	negative
subservient	negative
subsidize	positive
subsidized	positive
subsidizes	positive
subsidizing	positive
substandard	negative
substantive	positive
subtract	negative
subversion	negative
subversive	negative
subversively	negative
subvert	negative
succeed	positive
succeeded	positive
succeeding	positive
succeeds	positive
succes	positive
success	positive
successes	positive
successful	positive
successfully	positive
succumb	negative
suck	negative
sucked	negative
sucker	negative
	810

word	sentiment
sucks	negative
sucky	negative
sue	negative
sued	negative
sueing	negative
sues	negative
suffer	negative
suffered	negative
sufferer	negative
sufferers	negative
suffering	negative
suffers	negative
suffice	positive
sufficed	positive
suffices	positive
sufficient	positive
sufficiently	positive
suffocate	negative
sugar-coat	negative
sugar-coated	negative
sugarcoated	negative
suicidal	negative
suicide	negative
suitable	positive
sulk	negative
sullen	negative
sully	negative
sumptuous	positive
sumptuously	positive
sumptuousness	positive
sunder	negative
sunk	negative
sunken	negative
super	positive
superb	positive
superbly	positive
superficial	negative
superficiality	negative
superficially	negative
superfluous	negative
superior	positive
superiority	positive
superstition	negative
superstitious	negative
supple	positive
support	positive
supported	positive
supporter	positive
supporting	positive
supportive	positive
supports	positive
suppress	negative
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word	sentiment
suppression	negative
supremacy	positive
supreme	positive
supremely	positive
supurb	positive
supurbly	positive
surmount	positive
surpass	positive
surreal	positive
surrender	negative
survival	positive
survivor	positive
susceptible	negative
suspect	negative
suspicion	negative
suspicions	negative
suspicious	negative
suspiciously	negative
sustainability	positive
sustainable	positive
swagger	negative
swamped	negative
swank	positive
swankier	positive
swankiest	positive
swanky	positive
sweaty	negative
sweeping	positive
sweet	positive
sweeten	positive
sweetheart	positive
sweetly	positive
sweetness	positive
swelled	negative
swelling	negative
swift	positive
swiftness	positive
swindle	negative
swipe	negative
swollen	negative
symptom	negative
symptoms	negative
syndrome	negative
taboo	negative
tacky	negative
taint	negative
tainted	negative
talent	positive
talented	positive
talents	positive
	negative
tamper tangle	negative
vangle	negauve

word	sentimen
tangled	negative
tangles	negative
tank	negative
tanked	negative
tanks	negative
tantalize	positive
tantalizing	positive
tantalizingly	positive
tantrum	negative
tardy	negative
tarnish	negative
tarnished	negative
tarnishes	negative
tarnishing	negative
tattered	negative
taunt	negative
taunting	negative
tauntingly	negative
taunts	negative
taut	negative
tawdry	negative
taxing	negative
tease	negative
teasingly	negative
tedious	negative
tediously	negative
temerity	negative
temper	negative
tempest	negative
tempt	positive
temptation	negative
tempting	positive
temptingly	positive
tenacious	positive
tenaciously	positive
tenacity	positive
tender	positive
tenderly	positive
tenderness	negative
tense	negative
tension	negative
tentative	negative
tentatively	negative
tenuous	negative
tenuously	negative
tepid	negative
terrible	negative
terribleness	negative
terribly	negative
terrific	positive
terrifically	positive
terror	negative
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word	sentiment
terror-genic	negative
terrorism	negative
terrorize	negative
testily	negative
testy	negative
tetchily	negative
tetchy	negative
thank	positive
thankful	positive
thankless	negative
thicker	negative
thinner	positive
thirst	negative
thorny	negative
thoughtful	positive
thoughtfully	positive
thoughtfulness	positive
thoughtless	negative
thoughtlessly	negative
thoughtlessness	negative
thrash	negative
threat	negative
threaten	negative
threatening	negative
threats	negative
threesome	negative
thrift	positive
thrifty	positive
thrill	positive
thrilled	positive
thrilling	positive
thrillingly	positive
thrills	positive
thrive	positive
thriving	positive
throb	negative
throbbed	negative
throbbing	negative
throbs	negative
throttle	negative
thug	negative
thumb-down	negative
thumb-up	positive
thumbs-down	negative
thumbs-up	positive
thwart	negative
tickle	positive
tidy	positive
time-consuming	negative
time-honored	positive
timely	positive
timid	negative

word	sentimen
timidity	negative
timidly	negative
timidness	negative
tin-y	negative
tingle	positive
tingled	negative
tingling	negative
tired	negative
tiresome	negative
tiring	negative
tiringly	negative
titillate	positive
titillating	positive
titillatingly	positive
togetherness	positive
toil	negative
tolerable	positive
toll	negative
toll-free	positive
top	positive
top-heavy	negative
top-notch	positive
top-quality	positive
topnotch	positive
topple	negative
tops	positive
torment	negative
tormented	negative
torrent	negative
tortuous	negative
torture	negative
tortured	negative
tortures	negative
torturing	negative
torturous	negative
torturously	negative
totalitarian	negative
touchy	negative
tough	positive
tougher	positive
toughest	positive
toughness	negative
tout	negative
touted	negative
touts	negative
toxic	negative
traction	positive
traduce	negative
tragedy	negative
tragic	negative
tragically	negative
traitor	negative
01001001	iicgauive

word	sentiment
traitorous	negative
traitorously	negative
tramp	negative
trample	negative
tranquil	positive
tranquility	positive
transgress	negative
transgression	negative
transparent	positive
trap	negative
traped	negative
trapped	negative
trash	negative
trashed	negative
trashy	negative
trauma	negative
traumatic	negative
traumatically	negative
traumatize	negative
traumatized	negative
travesties	negative
travesty	negative
treacherous	negative
treacherously	negative
treachery	negative
treason	negative
treasonous	negative
treasure	positive
tremendously	positive
trendy	positive
trick	negative
tricked	negative
trickery	negative
tricky	negative
triumph	positive
triumphal	positive
triumphant	positive
triumphantly	positive
trivial	negative
trivialize	negative
trivially	positive
trophy	positive
trouble	negative
trouble-free	positive
troubled	negative
troublemaker	negative
troubles	negative
troublesome	negative
troublesomely	negative
troubling	negative
troublingly	negative
truant	negative
or damo	negauve

1	
word	sentiment
trump	positive
trumpet	positive
trust	positive
trusted	positive
trusting	positive
trustingly	positive
trustworthiness	positive
trustworthy	positive
trusty	positive
truthful	positive
truthfully	positive
truthfulness	positive
tumble	negative
tumbled	negative
tumbles	negative
tumultuous	negative
turbulent	negative
turmoil	negative
twinkly	positive
twist	negative
twisted	negative
twists	negative
two-faced	negative
two-faces	negative
tyrannical	negative
tyrannically	negative
tyranny	negative
tyrant	negative
ugh	negative
uglier	negative
ugliest	negative
ugliness	negative
ugly	negative
ulterior	negative
ultimatum	negative
ultimatums	negative
ultra-crisp	positive
ultra-hardline	negative
un-viewable	negative
unabashed	positive
unabashedly	positive
unable	negative
unacceptable	negative
unacceptablely	negative
unacceptably	negative
unaccessible	negative
unaccustomed	negative
unachievable	negative
unaffected	positive
unaffordable	negative
unappealing	negative
unassailable	positive

word	sentiment
unattractive	negative
unauthentic	negative
unavailable	negative
unavoidably	negative
unbearable	negative
unbearablely	negative
unbeatable	positive
unbelievable	negative
unbelievably	negative
unbiased	positive
unbound	positive
uncaring	negative
uncertain	negative
uncivil	negative
uncivilized	negative
unclean	negative
unclear	negative
uncollectible	negative
uncomfortable	negative
uncomfortably	negative
uncomfy	negative
uncompetitive	negative
uncomplicated	positive
uncompromising	negative
uncompromisingly	negative
unconditional	positive
unconfirmed	negative
unconstitutional	negative
uncontrolled	negative
unconvincing	negative
unconvincingly	negative
uncooperative	negative
uncouth	negative
uncreative	negative
undamaged	positive
undaunted	positive
undecided	negative
undefined	negative
undependability	negative
undependable	negative
undercut	negative
undercuts	negative
undercutting	negative
underdog	negative
underestimate	negative
underlings	negative
undermine	negative
undermined	negative
undermines	negative
undermining	negative
underpaid	negative
underpowered	negative
	-10000110

word	sentiment
undersized	negative
understandable	positive
undesirable	negative
undetermined	negative
undid	negative
undignified	negative
undisputable	positive
undisputably	positive
undisputed	positive
undissolved	negative
undocumented	negative
undone	negative
undue	negative
unease	negative
uneasily	negative
uneasiness	negative
uneasy	negative
uneconomical	negative
unemployed	negative
unencumbered	positive
unequal	negative
unequivocal	positive
unequivocally	positive
unethical	negative
uneven	negative
uneventful	negative
unexpected	negative
unexpectedly	negative
unexplained	negative
unfairly	negative
unfaithful	negative
unfaithfully	negative
unfamiliar	negative
unfavorable	negative
unfazed	positive
unfeeling	negative
unfettered	positive
unfinished	negative
unfit	negative
unforeseen	negative
unforgettable	positive
unforgiving	negative
unfortunate	negative
unfortunately	negative
unfounded	negative
unfriendly	negative
unfulfilled	negative
unfunded	negative
ungovernable	negative
ungrateful	negative
unhappily	negative
unhappiness	negative

word	sentimen
unhappy	negative
unhealthy	negative
unhelpful	negative
unilateralism	negative
unimaginable	negative
unimaginably	negative
unimportant	negative
uninformed	negative
uninsured	negative
unintelligible	negative
unintelligile	negative
unipolar	negative
unity	positive
unjust	negative
unjustifiable	negative
unjustifiably	negative
unjustified	negative
unjustly	negative
unkind	negative
unkindly	negative
unknown	negative
unlamentable	negative
unlamentably	negative
unlawful	negative
unlawfully	negative
unlawfulness	negative
unleash	negative
unlicensed	negative
unlikely	negative
unlimited	positive
unlucky	negative
unmatched	positive
unmoved	negative
unnatural	negative
unnaturally	negative
unnecessary	negative
unneeded	negative
unnerve	negative
unnerved	negative
unnerving	negative
unnervingly	negative
unnoticed	negative
unobserved	negative
unorthodox	negative
unorthodoxy	negative
unparalleled	positive
unpleasant	negative
unpleasantries	negative
unpopular	negative
unpredictable	negative
unprepared	negative
unproductive	negative
-	-

word	sentiment
unprofitable	negative
unprove	negative
unproved	negative
unproven	negative
unproves	negative
unproving	negative
unqualified	negative
unquestionable	positive
unquestionably	positive
unravel	negative
unraveled	negative
unreachable	negative
unreadable	negative
unreal	positive
unrealistic	negative
unreasonable	negative
unreasonably	negative
unrelenting	negative
unrelentingly	negative
unreliability	negative
unreliable	negative
unresolved	negative
unresponsive	negative
unrest	negative
unrestricted	positive
unrivaled	positive
unruly	negative
unsafe	negative
unsatisfactory	negative
unsavory	negative
unscrupulous	negative
unscrupulously	negative
unsecure	negative
unseemly	negative
unselfish	positive
unsettle	negative
unsettled	negative
unsettling	negative
unsettlingly	negative
unskilled	negative
unsophisticated	negative
unsound	negative
unspeakable	negative
unspeakablely	negative
unspecified	negative
unstable	negative
unsteadily	negative
unsteadiness	negative
unsteady	negative
unsuccessful	negative
unsuccessfully	negative
unsupported	negative
and appoint	110800110

word	sentimen
unsupportive	negative
unsure	negative
unsuspecting	negative
unsustainable	negative
untenable	negative
untested	negative
unthinkable	negative
unthinkably	negative
untimely	negative
untouched	negative
untrue	negative
untrustworthy	negative
untruthful	negative
unusable	negative
unusably	negative
unuseable	negative
unuseably	negative
unusual	negative
unusually	negative
unviewable	negative
unwanted	negative
unwarranted	negative
unwatchable	negative
unwavering	positive
unwelcome	negative
unwell	negative
unwieldy	negative
unwilling	negative
unwillingly	negative
unwillingness	negative
unwise	negative
unwisely	negative
unworkable	negative
unworthy	negative
unyielding	negative
upbeat	positive
upbraid	negative
upgradable	positive
upgradeable	positive
upgraded	positive
upheaval	negative
upheld	positive
uphold	positive
uplift	positive
uplifting	positive
upliftingly	positive
upliftment	positive
uprising	negative
uproar	negative
uproarious	negative
uproariously	negative
uproarous	negative
-	Ŭ

word	sentiment
uproarously	negative
uproot	negative
upscale	positive
upset	negative
upseting	negative
upsets	negative
upsetting	negative
upsettingly	negative
urgent	negative
usable	positive
useable	positive
useful	positive
useless	negative
user-friendly	positive
user-replaceable	positive
usurp	negative
usurper	negative
utterly	negative
vagrant	negative
vague	negative
vagueness	negative
vain	negative
vainly	negative
valiant	positive
valiantly	positive
valor	positive
valuable	positive
vanity	negative
variety	positive
vehement	negative
vehemently	negative
venerate	positive
vengeance	negative
vengeful	negative
vengefully	negative
vengefulness	negative
venom	negative
venomous	negative
venomously	negative
vent	negative
verifiable	positive
veritable	positive
versatile	positive
versatility	positive
vestiges	negative
vex	negative
vexation	negative
vexing	negative
vexingly	negative
vibrant	positive
vibrantly	positive
vibrate	negative
	30

word	sentiment
vibrated	negative
vibrates	negative
vibrating	negative
vibration	negative
vice	negative
vicious	negative
viciously	negative
viciousness	negative
victimize	negative
victorious	positive
victory	positive
viewable	positive
vigilance	positive
vigilant	positive
vile	negative
vileness	negative
vilify	negative
villainous	negative
villainously	negative
villains	negative
villian	negative
villianous	negative
villianously	negative
villify	negative
vindictive	negative
vindictively	negative
vindictiveness	negative
violate	negative
violation	negative
violator	negative
violators	negative
violent	negative
violently	negative
viper	negative
virtue	positive
virtuous	positive
virtuously	positive
virulence	negative
virulent	negative
virulently	negative
virus	negative
visionary	positive
vivacious	positive
vivid	positive
vociferous	negative
vociferously	negative
volatile	negative
volatility	_
vonit	negative negative
vomited	negative
vomiting	negative
vomits	negative
VOIIIIUS	negative

word	sentiment
vouch	positive
vouchsafe	positive
vulgar	negative
vulnerable	negative
wack	negative
wail	negative
wallow	negative
wane	negative
waning	negative
wanton	negative
war-like	negative
warily	negative
wariness	negative
warlike	negative
warm	positive
warmer	positive
warmhearted	positive
warmly	positive
warmth	positive
warned	negative
warning	negative
warp	negative
warped	negative
wary	negative
washed-out	negative
waste	negative
wasted	negative
wasteful	negative
wastefulness	negative
wasting	negative
water-down	negative
watered-down	negative
wayward	negative
weak	negative
weaken	negative
weakening	negative
weaker	negative
weakness	negative
weaknesses	negative
wealthy	positive
weariness	negative
wearisome	negative
	negative
weary wedge	negative
wedge	negative
	negative
weep weird	0
weirdly	negative
welcome	negative
welcome	positive
	positive
well-backlit well-balanced	positive
wen-paranced	positive

word	sentiment
well-behaved	positive
well-being	positive
well-bred	positive
well-connected	positive
well-educated	positive
well-established	positive
well-informed	positive
well-intentioned	positive
well-known	positive
well-made	positive
well-managed	positive
well-mannered	positive
well-positioned	positive
well-received	positive
well-regarded	positive
well-rounded	positive
well-run	positive
well-wishers	positive
wellbeing	positive
wheedle	negative
whimper	negative
whine	negative
whining	negative
whiny	negative
whips	negative
whoa	positive
wholeheartedly	positive
wholesome	positive
whooa	positive
whoooa	positive
whore	negative
whores	negative
wicked	negative
wickedly	negative
wickedness	negative
wieldy	positive
wild	negative
wildly	negative
wiles	negative
willing	positive
willingly	positive
willingness	positive
wilt	negative
wily	negative
wimpy ·	negative
win ·	positive
wince	negative
windfall	positive
winnable	positive
winner	positive
winners	positive
winning	positive

word	sentiment
wins	positive
wisdom	positive
wise	positive
wisely	positive
witty	positive
wobble	negative
wobbled	negative
wobbles	negative
woe	negative
woebegone	negative
woeful	negative
woefully	negative
womanizer	negative
womanizing	negative
won	positive
wonder	positive
wonderful	positive
wonderfully	positive
wonderous	positive
wonderously	positive
wonders	positive
wondrous	positive
woo	positive
work	positive
workable	positive
worked	positive
works	positive
world-famous	positive
worn	negative
worried	negative
worriedly	negative
worrier	negative
worries	negative
worrisome	negative
worry	negative
worrying	negative
worryingly	negative
worse	negative
worsen	negative
worsening	negative
worst	negative
worth	positive
worth-while	positive
worthiness	positive
worthless	negative
worthlessly	negative
worthlessness	
worthwhile	negative
	positive
worthy	positive
wound	negative
wounds	negative
WOW	positive

word sentime wowed positive	;
wowing positive	
wows positive	
wrangle negative	Э
wrath negative	Э
wreak negative	Э
wreaked negative	Э
wreaks negative	Э
wreck negative	Э
wrest negative	Э
wrestle negative	е
wretch negative	Э
wretched negative	Э
wretchedly negative	Э
wretchedness negative	Э
wrinkle negative	е
wrinkled negative	Э
wrinkles negative	Э
wrip negative	Э
wripped negative	Э
wripping negative	Э
writhe negative	Э
wrong negative	Э
wrongful negative	
wrongly negative	Э
wrought negative	Э
yawn negative	
yay positive	
youthful positive	
zap negative	Э
zapped negative	
zaps negative	
zeal positive	
zealot negative	
zealous negative	
zealously negative	
zenith positive	
zest positive	
zippy positive	
zombie negative	е_

sum(all_words %in% (get_sentiments("bing")\$word))

[1] 1357

Of the 7060 total words recorded, only a fraction appear in the Bing sentiment lexicon, though that's not too bad. Many are repeated, with only 971 distinct values.

The most common are generic flavor descriptors.

```
ingredients <- table_head(all_words, .n = 8) |>
  vec2DF()
ingredients
```

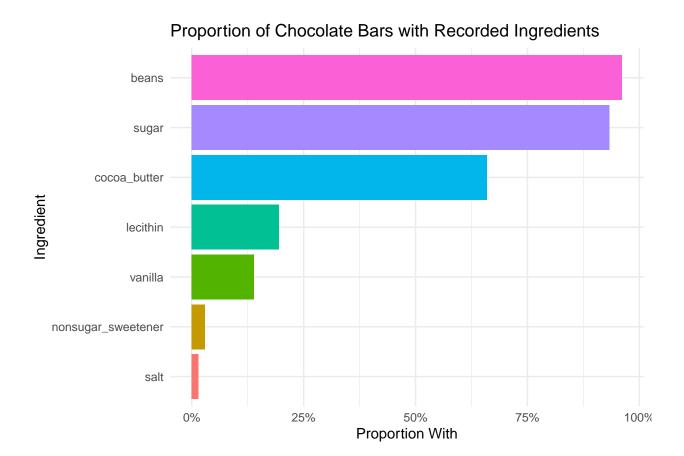
sweet	nutty	cocoa	roasty	earthy	creamy	sandy	fatty
273	261	252	213	190	188	170	166

```
ingredient_words <- names(table_head(all_words, .n = 10))
write_csv(ingredients, here::here("outputs", "ingredients.csv"))</pre>
```

Ingredients

As we'd expect, almost all chocolate bars have cacao and sugar. The other ingredients are much rarer.

```
ingredients_bar <- chocolate |>
    select(beans:last_col()) |>
    colMeans() |>
    vec2DF() |>
    pivot_longer(everything(),
        names_to = "Ingredient",
        values_to = "Proportion With"
) |>
    mutate(Ingredient = factor(Ingredient, levels = unique(Ingredient)[order('Proportion With')])) |>
    ggplot(aes(y = Ingredient, x = 'Proportion With', fill = Ingredient)) +
    geom_col() +
    scale_x_continuous(labels = scales::percent) +
    labs(title = "Proportion of Chocolate Bars with Recorded Ingredients") +
    theme(legend.position = "none")
ingredients_bar
```

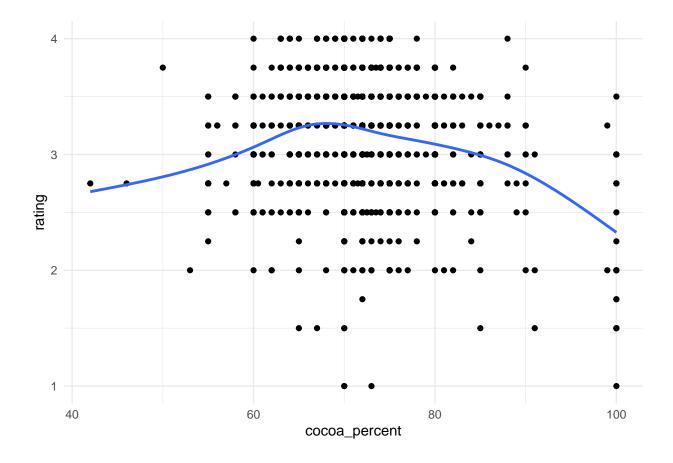


ggsave(here::here("outputs", "ingredients-bar.png"), ingredients_bar)

Cocoa Percentage

There doesn't seem to be a linear relationship between cocoa percentage and ratings.

```
ggplot(chocolate, aes(x = cocoa_percent, y = rating)) +
  geom_point() +
  geom_smooth(se = FALSE)
```



Conclusion

country_of_bean_origin and company_location would be useful features as is. It will take more work to wring usable data out of ingredients and flavor terms. Text could be transformed into sentiments, but that would not be useful for words describing flavors or ingredients.