

Below we outline the following additional information.

1. `query_sentiment_lexicon` - a lexicon of sentiment words, used as a building block to create queries for sentence retrieval in the claim detection and evidence detection components (sections 5.1.1 and 5.1.2).
2. `action_verb_expansions` - a mapping between common action verbs and their syntactic and semantic expansions. The expansions are used as a building block to create queries for sentence retrieval in the claim detection and evidence detection components (sections 5.1.1 and 5.1.2). Each line contains an action verb, followed by a colon, followed by its list of expansions.
3. `claim_verb_phrases` - a list of verb phrases commonly found in sentences containing claims. The list is used as a building block to create queries for sentence retrieval in the claim detection component (section 5.1.1).
4. `contrastive_expressions` - a lexicon of expressions indicating contrast. The lexicon is used by the stance detection component (section 5.1.3) to detect contrastive topics.
5. `study_conclusions` - a list of phrases (unigrams to 5-grams) that frequently appear in reports of study results and conclusions. Each line contains a single phrase. The lexicon was constructed by querying LexisNexis for sentences that contain the words study or research, and then selecting the most common phrases (unigrams to 5-grams). Manual filtering was also applied to make sure the lexicon contains only relevant phrases. This lexicon is used as a building block in the evidence retrieval queries (section 5.1.2).

`query_sentiment_lexicon`:

proponents

supporters

opponents

rights

freedom

crime

support

free

work

effective

critics

development

risk

poverty

lead

peace

harm

important

criminal

illegal

poor

benefits

modern

threat

good

hate

negative

benefit

lack

significant

protection

conflict

protect

criticism

attacks

encourage

led

criticized

problems

limits

loss

inequality

terrorism

violent

problem

efficient

favor

destruction

issue

intelligent

interests

stability

cold

clear

strong

issues

positive

liberty

attack

violation

surrender

damage

concern

condemned

dangerous

abuse

bomb

rich

difficult

respect
supported
effectively
fear
supreme
beneficial
involuntary
unacceptable
discrimination
harmful
crisis
severe
failed
evil
gain
unnecessary
successful
leads
enemy
interference
concerns
unable
leading
ineffective
limited
advocates
adverse
controversy
weak

corruption

advantage

merit

wrong

offensive

bad

innovation

deter

rational

progress

improve

controversial

popular

commitment

proven

danger

excessive

limit

illness

risks

rejected

sustainable

success

regard

indiscriminate

morality

vulnerable

properly

immoral

bombardment

atrocities

irrational

threats

prefer

sufficient

supports

offender

works

reject

decline

supporting

inevitable

inefficient

advocate

distort

suffering

delinquency

lose

proper

impose

peaceful

top

reform

productive

death

impossible

worse

FALSE

opposition

unconstitutional

undermine

oppose

powerful

ideal

conflicts

instability

expensive

desirable

counterproductive

critical

distinction

capable

violate

survival

easier

polluters

sin

denied

complex

afford

faith

fails

objection

fall

improved

advanced

inconsistent

covenant
debt
conservative
guarantee
achievement
reforms
selective
terror
coercion
concerned
degradation
divine
skilled
racism
waste
discriminatory
interfere
motivated
effectiveness
arbitrary
strain
love
lost
facilitate
reasonable
genocide
freedoms
intolerance
guilty

adequate

failure

secure

beauty

disagreed

boost

infringement

penalty

worst

poorest

costly

corrupt

murder

crude

stronger

correct

threaten

notably

prominent

incapable

incite

fail

unjust

prison

fraud

burden

valuable

hazardous

criticisms

cheap
reformed
sensitive
emergency
advantages
cheating
erosion
assault
infections
reliable
isolated
safe
dead
fears
fairness
destructive
rapid
hostile
easy
unlawful
object
error
improvement
misuse
strict
losing
safely
break
rejects

damaging

holy

difficulties

satisfied

punitive

exploitation

bias

collapse

destroy

overwhelming

inequalities

ignore

suffer

trust

gross

contribution

variety

blind

coercive

meaningful

competitive

influential

hostilities

victory

attractive

oppressive

imprisonment

racist

enemies

expansion
subjected
balanced
confidence
offending
healthy
unity
patient
winners
improves
inevitably
suppress
spiritual
violence
retaliation
victim
foundation
criminality
threatened
achieved
promote
forced
recognition
exposed
highest
skills
provided
achieving
understanding

avoid

achieve

accidents

file

deprivation

provide

deviant

avoiding

promotes

raid

fully

fosters

bombings

attacked

unfair

dropping

spills

abandoned

consequences

essential

eliminate

heavy

accidentally

importance

promoting

rewards

diseases

providing

punishment

ensure

crimes

bombs

build

terrorist

recognized

intolerant

ill

services

develop

quality

faced

cuts

science

consequence

punishing

purity

bombing

model

diversity

lessen

disputes

pressures

argument

remove

cut

prevent

assist

imposed

punishments

select

basic

assured

pollution

excluded

established

preserve

invasion

service

ensures

equality

victims

creation

future

society

developing

gun

full

intellectual

extinction

encourages

guaranteed

reports

capacity

taxation

defendant

create

criminals

stop

aimed

opposing

incarcerated

disease

receive

investment

terrorists

capabilities

developed

acquired

warfare

restrictions

values

performance

addition

effects

establish

counter

significance

wealth

offenders

combined

repeated

detention

serves

speed

classified

prohibition

art

maintains

helps

affected

cases

uncertainty

include

balance

dependence

acceptance

offense

give

created

standards

performed

pressure

face

holds

energy

ability

satisfaction

built

gambling

crucial

situation

experience

case

greater

reduced

gasses
maintain
block
incentives
investments
groups
independence
easily
aid
agreement
allowing
display
communicate
made
arguments
relevant
ban
youth
prohibited
strength
medium
voice
ruled
giving
allowed
restore
birth
donor
make

humanitarian

barriers

expected

includes

response

recognize

expand

sports

subject

key

preventing

imply

reduce

intervene

study

access

serve

invention

classes

viable

culture

obtain

matter

efficiency

eliminating

active

agreements

choose

donors

bring

action_verb_expansions:

ban:bans,banning,prohibition,moratorium,outlawing,restrictions,prohibiting,restriction,prohibitions,prohibit,outlawed,curbs,restrict,outlaw,forbid,restricting,prohibited,suspension,prohibits,embargo,clampdown,moratoriums,legalizing,legalising,forbids,sanction,suspending,suspend,legalize,legalise,forbidding,boycott,barring, repeal,suspensions,sanctions,criminalize,criminalise,restricts,regulate, repeals,injunction,regulations,crackdown,disallow,banishment,exempting,regulating,directive,banned

tax:taxes,Tax,taxation,Taxes,taxable,taxing,taxpayers,Taxation

criminalize:criminalizing,criminalising,criminalizes,criminalises,criminalized,criminalised,legalize,legalise,decriminalize,decriminalise,outlawing,criminalization,criminalisation,outlaw,prohibit,legitimize,legitimise,restrict,legalizing,legalising,forbid,regulate,curtail,banning,illegal,decriminalized,decriminalised,legislate,prohibiting,decriminalization,decriminalisation,punish,legalized,legalised,prohibition,institutionalize,institutionalise,unlawful,penalize,penalise,prohibitions,condone,outlawed,bans,prosecute,punishable,legitimizes,legitimises,disallow,ban,criminal offence,decriminalizing,decriminalising

mandatory:compulsory,Mandatory,mandating,requirement,mandated,Compulsory,voluntary,obligatory, stricter,federally

mandated,minimum,required,requiring,mandates,optional,stringent,strict,Stricter,stipulate,stipulated,require,requirements,Voluntary,stipulating,restriction,strictly enforced,statutory,exempted,tougher,standardized,standardised,eligible,stipulations,tighter restrictions,prerequisite,restrictive,impose,legislated,legislate,legislation,law,laws,legalize,legalized,legalization,legalizes,legalizing,legalise,legalised,legalisation,legalises,legalising,force,institutionalize,institutionalise,intervene

privatize:privatizing,privatization,privatized,privatize,nationalize,deregulate,deregulated,Privatization,nationalizing,nationalized,privatizations,nationalization,deregulating,deregulation,outsourcing,outsourced,Privatisation,nationalizes,nationalizations,privatising,privatisation,privatised,privatise,nationalise,Privatisation,nationalising,nationalised,privatisations,nationalisation,nationalises,nationalisations

subsidize:subsidizing,subsidization,subsidise,subsidising,subsidisation,fund,funding,finance,financing

claim_verb_phrases:

is wrong

lead to

leads to

associated with

cause

causes

inherently

improve

improves

reduce

reduces

is dangerous

is the best

is good

can lead to

is an important

is safe

is a crime

is a good

is a bad

is unconstitutional

is harmful

is an effective

is unacceptable

is the answer

is an essential

is a dangerous

has failed

increase

increases

be encouraged

is bad

is good

is justified

was justified

might create

would create

could create

is critical

is the most

play an

plays an

can help

will help

help to

helps to

could help

encourage

encourages

damage

damages

is a threat

violates

violated

benefit

benefits

is considered

is essential

offer

offers

is a problem

can provide

better than

not only

no longer

can result in

could result in

is the only

is one of

becoming

become an

can play

proven

promote

promotes

be considered

suffer

suffers

threaten

threatens

infringing

make a difference

makes a difference

likely to

because

solve

solves

pose

poses

give rise

gives rise

should be

is associated with

outweigh

outweighs

should not be

is a serious

is linked to

is seen as

is necessary

is not an

remain

remains

contribute

contributes

is no longer

is a major

can have

could have

would have

is becoming

are becoming

constitute

constitutes

boost

boosts

impact

impacts

contrastive_expressions:

// abolition

"abolition", "abolish", "lift", "remove", "disband", "disarm", "put an end to", "take apart",
"disarmament", "disarm", "disband", "cancel", "cancelling", "terminate", "eliminate", "kill", "rid
of", "stop", "drop", "end " + CONCEPT, "give up", "discontinue", "lay off", "cease", "shut down",
"repeal", "revoke", "rescind", "reverse", "annul", "nullify", "quash"

// absence

"absence", "without", "lack", "freedom from", CONCEPT + " free",

// oppose

"against", "opposition", "oppose", "object to", "objection to", "contest", "resist", "fight
back", "fight "+CONCEPT,

// suppress

"suppression", "crush", "stamp down", "inhibit", "oppress",

// alternatives

"alternative to", "alternatives for", "less intrusive options", "other than", "other options", "other
alternative",

// ban

"ban", "forbid", "prohibit", "prohibitionism", "disallow", "bar", "veto",

// abandon

"abandon", "withdrawal from",

// attack on

"attack", "criticize", "hunt", "poach", "break down", "crack", "condemn",

// make illegal

"criminalize "+CONCEPT, CONCEPT+" criminalization", "criminalization of", "outlaw",

"punish", "punishment", "offence of", "prosecution of", "prosecution for",

"make "+CONCEPT+" illegal", "penalize", "prevent", "withhold",

// decrease

"lower rate of", "reduce", "reduction", "decrease", "less", "lessen", "fewer", "minimize", "cut down",

"trim", "shrink", "cut", "lower",

// fail

"fail", "failure", "neglect",

// lose

"disappearance", "losing", "is lost", "loss", "freeze",

// restrict

"limit", "regulate", "restrict", "curtail", "control", "censor", "censorship",

// avoid

"avoid", "abstain from", "refrain from",

// misc

"protection from", "violate", "obstacle to", "obstacle for", "hindrance to", "hindrance for",
"defund"

study_conclusions:

is an important component of

be an important component of

led to an increase of

lead to an increase of

leads to an increase of

is more likely to occur in

were more likely to occur in

have the potential to

has the potential to

had the potential to

was not effective in

is not effective in

are not effective in

were not effective in

was not associated with

were not associated with

are not associated with

is not associated with

were significantly more likely

is significantly more likely

are significantly more likely

be significantly more likely

was significantly more likely

does not reduce

results in the

resulted in the

result in the

resulting in the
is more likely to support
was more likely to support
be a good indicator of
are a good indicator of
been a good indicator of
is a good indicator of
was a better indicator of
is a better indicator of
be a better indicator of
are a better indicator of
was the most likely
be the most likely
are the most likely
were the most likely
being the most likely
is the most likely
are more effective for
were more effective for
is more effective for
was explained by
be explained by
were explained by
are explained by
is explained by
been explained by
might lead to
may lead to
has a positive effect on

having a positive effect on

had a positive effect on

has a positive effects on

have a positive effect on

is likely to have a

are likely to have a

had a positive impact on the

having a positive impact on the

have a positive impact on the

has a positive impact on the

tend to have

tending to have

tends to have

tended to have

may increase the risk

might increase the risk

may increases the risk

may increase the risks

being three times as likely to

were three times as likely to

is three times as likely to

may reduce the risk of

might reduce the risk of

did not increase the

does not increase the

does not increases the

do not increase the

might increase the

may increase the

may increases the
were not likely to
are not likely to
is not likely to
was not likely to
was significantly lower than
is significantly lower than
were significantly lower than
were significantly lowered than
are significantly lower than
be directly related to
is directly related to
was directly related to
results in an increase in
resulted in an increase in
result in an increase in
resulting in an increase in
is far more likely to be
have a larger effect on
has a large effect on
have a large effect on
had a larger effect on
were more likely to be
are more likely to be
being more likely to be
was more likely to be
be more likely to be
is more likely to be
were likely to develop

are likely to develop

is likely to develop

was likely to develop

is most likely to be

were likelier to be

are likelier to be

are likely to be

is likely to be

were likely to be

be likely to be

was likely to be

having a higher level of

had a higher level of

has a higher level of

have a higher level of

having a high level of

had a high level of

has a high level of

have a high level of

was the leading cause of

be the leading causes of

are the leading cause of

were the leading cause of

is the leading cause of

are the leading causes of

be the leading cause of

been the leading causes of

be associated with increased

is associated with increased

been associated with increased

have a negative effect on the

having a negative effect on the

had a negative effect on the

has a negative effect on the

has a significant effect on the

have a significant effect on the

had a significant effect on the

does not result in

do not result in

did not result in

been the cause of

be the cause of

are the causes of

were the cause of

be the causes of

is the cause of

are the cause of

was the cause of

is the most important factor in

does not reduce the

did not reduce the

do not reduce the

have a beneficial effect on

had a beneficial effect on

has a beneficial effect on

plays a leading role in

play a leading role in

is not as effective as

are not as effective as

were not as effective as

was the most effective way to

be the most effective way to

is the most effective way to

led to a significant reduction in

leads to a significant reduction in

lead to a significant reduction in

be an average of

were an average of

is an average of

been an average of

be associated with an

is associated with an

being reduced by

is reduced by

are reduced by

be reduced by

been reduced by

were reduced by

are at risk of

were at risk of

is at risk of

was at risk of

were at risks of

being at risk of

be at risk of

be beneficial to

is beneficial to

been beneficial to

being beneficial to

were beneficial to

was beneficial to

are beneficial to

is an integral part of

contribute to the development of

contributing to the development of

contributes to the development of

contributed to the development of

was similar to that of

be similar to that of

are similar to that of

is similar to that of

been similar to that of

were similar to that of

being similar to that of

had a significant impact on the

have a significant impact on the

has a significant impact on the

is negatively related to

was negatively related to

are negatively related to

were negatively related to

be negatively related to

are no more likely

was no more likely

is no more likely

were no more likely

played a major role in

plays a major role in

play a major role in

be consistent with

being consistent with

is consistent with

were consistent with

are consistent with

been consistent with

was consistent with

has an increased risk of

having an increased risk of

had an increased risk of

have an increased risk of

is more likely to experience

were four times more likely to have

are four times more likely to have

are less likely to have a

be less likely to have a

were less likely to have a

were a result of

is a result of

be a result of

was a result of

being a result of

are a result of

have a protective effect on

has a protective effect on

had a protective effect on

has a lower rate of

have a lower rate of

had a lower rate of

were directly related to the

is directly related to the

are directly related to the

was directly related to the

be directly related to the

are twice as likely to

being twice as likely to

is twice as likely to

be twice as likely to

be more likely to develop

is more likely to develop

is more likely to get

were more likely to get

be at an increased risk for

were at an increased risk for

are at an increased risk for

were more likely to give

is more likely to give

be more likely to give

might have led to

may have lead to

may have led to

is likely to experience

was likely to experience

was not associated with increased

is not associated with increased

are not associated with increased

has an important role in the

have an important role in the

having an important role in the

are more likely to engage in

is more likely to engage in

might have a

may have a

is useful in

were useful in

be useful in

been useful in

are useful in

was useful in

was diagnosed with

being diagnosed with

be diagnosed with

is diagnosed with

can leads to

can lead to

can led to

could lead to

be at higher risk for

were at higher risk for

be at high risk for

is at high risk for

being at high risk for

be at highest risk for

were at highest risk for

are at high risk for

was at high risk for

play a role in

plays a role in

played a role in

be associated with a decrease in

is associated with a decrease in

were associated with a decrease in

was associated with a decrease in

are associated with a decrease in

are effective in reducing

was effective in reducing

been effective in reducing

be effective in reducing

is effective in reducing

being attributed to

been attributed to

be attributed to

were attributed to

is attributed to

reducing the numbers of

reduce the number of

reduced the numbers of

reduces the numbers of

reduced the number of

reduces the number of

reduce the numbers of

reducing the number of

reduce the chances of

reduce the chance of

reducing the chance of

reduces the chances of

reduces the chance of

reducing the chances of

reduced the chances of

reduced the chance of

were negatively correlated with the

are negatively correlated with the

is negatively correlated with the

plays a role in the development of

played a role in the development of

play a role in the development of

are an indicator of

be an indicator of

is an indicator of

was an indicator of

being an indicator of

be significantly associated with

were significantly associated with

was significantly associated with

is significantly associated with

are significantly associated with

is more likely to engage

are more likely to engage

be twice as likely as

are twice as likely as

were twice as likely as

is twice as likely as

were more likely to have had
are more likely to have had
reduce the incidence of
reduced the incidence of
reducing the incidence of
reducing the incidences of
reduces the incidence of
reduce the incidences of
had positive impacts on
has positive impacts on
has positive impact on
have positive impacts on
had positive impact on
having positive impacts on
could be used as a
can be used as a
was positively associated with
are positively associated with
were positively associated with
be positively associated with
is positively associated with
may be caused by
might be caused by
is affected by the
been affected by the
be affected by the
increase the amount of
increases the amount of
have a tendency to

has a tendency to

had a tendency to

reducing the numbers

reduces the numbers

reduce the numbers

reduced the number

reduces the number

reduced the numbers

reducing the number

reduce the number

was associated with less

is associated with less

are associated with less

be associated with less

were more important than

being more important than

are more important than

was more important than

is more important than

be more important than

are connected to the

were connected to the

is connected to the

was connected to the

being connected to the

be connected to the

might be the result of

may be the result of

would lead to

will lead to

are the keys to

were the key to

are the key to

be the key to

was the key to

is the key to

tending to be more

tends to be more

tended to be more

tend to be more

has a significant effect in

were a significant predictor of

is a significant predictor of

had a positive impact

have a positive impact

has a positive impact

is more than twice as likely

was more than twice as likely

are more than twice as likely

being more than twice as likely

be more than twice as likely

are higher than that of

is higher than that of

were higher than that of

plays an important part in

played an important part in

be linked to a

was linked to a

were linked to a

is linked to a

are linked to a

does not appear to have

do not appear to have

did not appear to have

were effective in

being effective in

are effective in

is effective in

was effective in

be effective in

been effective in

having the potential to be

had the potential to be

has the potential to be

have the potential to be

were used as a

been used as a

being used as a

are used as a

be used as a

is used as a

was used as a

reducing the risks of

reducing the risk of

reduced the risks of

reduces the risk of

reduces the risks of

reduce the risk of

reduced the risk of

reduce the risks of

is significantly more likely to

links to

linked to

link to

were more effective than

was more effective than

is more effective than

being more effective than

are more effective than

be more effective than

is associated with the

was associated with the

is less likely to be

are similar to the

was similar to the

been similar to the

were similar to the

be similar to the

is similar to the

has an influence on

had an influence on

might have an impact on

may have an impact on

could increase

can increase

was safe and effective in

are safe and effective in

is safe and effective in

were safe and effective in

be safe and effective in

were associated with a reduction in

is associated with a reduction in

might be due to

may be due to

occurring as a result of

occurred as a result of

occurs as a result of

occur as a result of

lead to an increase in the

leads to an increase in the

led to an increase in the

was correlated with a

is correlated with a

were correlated with a

are correlated with a

be correlated with a

is not due to

were not due to

are not due to

was not due to

was more closely associated with

be more closely associated with

were more closely associated with

is more closely associated with

is associated with decrease

was associated with decrease

was associated with decreased

are associated with decreases

were associated with decreased

are associated with decreased

is associated with decreased

were associated with decreases

be associated with decreased

was associated with decreases

was effective in treating

are effective in treating

is effective in treating

am more likely

been more likely

be more likely

was more likely

is more likely

were more likely

had positive effects on

has positive effect on

have positive effect on

did not have an effect on

do not have an effect on

does not have an effect on

tend to have higher levels of

tend to have high levels of

tended to have higher levels of

has a role in

had a role in

having a role in

have a role in

be a major factor in

is a major factor in

were a major factor in

was a major factor in

are a major factor in

were a major factors in

having a significant impact on

had a significant impact on

has a significant impact on

have a significant impact on

be significantly higher than

is significantly higher than

played an important role in

plays an important role in

play an important role in

were significantly related to

is significantly related to

are significantly related to

be significantly related to

was significantly related to

do not causes

does not cause

can have an effect on

could have an effect on

could be related to

can be related to

is not associated with a

was not associated with a

am susceptible to

be susceptible to

are susceptible to

was susceptible to

were susceptible to

is susceptible to

being susceptible to

was one of the top

is one of the top

decrease the risk of

decreases the risk of

decreased the risk of

has a greater impact on

has a great impact on

have a great impact on

had a greater impact on

having a greater impact on

have a greater impact on

had a great impact on

can reduce the risk of

could reduce the risk of

can reduce the risks of

are five times more likely to have

were five times more likely to have

lead to a decrease in

leads to a decrease in

led to a decrease in

may be involved in

might be involved in
resulted in a decrease in
result in a decrease in
resulting in a decrease in
results in a decrease in
could be used to improve
can be used to improve
was involved in
been involved in
were involved in
are involved in
is involved in
being involved in
be involved in
are an important factor in
was an important factor in
is an important factor in
be an important factor in
were an important factor in
might be associated with
may be associated with
has the potential to cause
had the potential to cause
have the potential to cause
be the main sources of
is the main source of
are the main sources of
is the main sources of
was the main source of

been the main source of
are the main source of
were the main source of
were the main sources of
has a higher rate of
have a higher rate of
had a high rate of
have a high rate of
had a higher rate of
has a high rate of
having a higher rate of
was most likely to have
being most likely to have
were most likely to have
are most likely to have
is most likely to have
have a positive impact on
having a positive impact on
has a positive impact on
had a positive impact on
is the source of the
can be explained by
could be explained by
was five times more likely to
been five times more likely to
is five times more likely to
were five times more likely to
may be responsible for
might be responsible for

are no more likely to
were no more likely to
is no more likely to
could be related to the
can be related to the
might be involved in the
may be involved in the
is much higher than
are much higher than
might be more
may be more
was no evidence of
is no evidence of
be the single most important
is the single most important
was the single most important
are the single most important
be more common than
was more common than
were more common than
is more common than
are more common than
be positively correlated with the
being positively correlated with the
is positively correlated with the
was positively correlated with the
were positively correlated with the
are positively correlated with the
be important for

were important for

been important for

are important for

was important for

is important for

were a factor in

be a factor in

is a factor in

been a factor in

are a factor in

was a factor in

were much lower than

is much lower than

be less likely to

are less likely to

was less likely to

were less likely to

being less likely to

been less likely to

is less likely to

be more likely to have

been more likely to have

is more likely to have

are more likely to have

was more likely to have

being more likely to have

were more likely to have

is the result of a

been the result of a

had increased risks of

have increased risk of

have increased risks of

had increased risk of

has increased risk of

were a part of

was a part of

is a part of

are associated with a lower risk of

is associated with a lower risk of

be associated with a lowered risk of

were associated with a lower risk of

was effective in the treatment of

is effective in the treatment of

has a lower

had a lower

had a lowered

have a lower

having a lower

be strongly associated with

was strongly associated with

are strongly associated with

is strongly associated with

were strongly associated with

can be used to identify

could be used to identify

be much more likely

is much more likely

was much more likely

are much more likely

were much more likely

have a lower risk of

had a lower risk of

had a lowered risk of

has no effects on the

have no effect on the

had no effect on the

having no effects on the

had no effects on the

has no effect on the

are very similar to

is very similar to

be very similar to

was more common in

is more common in

are more common in

were more common in

be more common in

is a significant factor in

were a significant factor in

was a significant factor in

been a significant factor in

be a significant factor in

is more closely related to

be more closely related to

were more closely related to

was more closely related to

are more closely related to

be linked to

being linked to

been linked to

are linked to

were linked to

was linked to

is linked to

is influenced by

are influenced by

been influenced by

is influence by

was influenced by

be influenced by

have a negative impact on

had a negative impact on

has a negative impact on

having a negative impact on

play a larger role in

play a large role in

plays a large role in

played a large role in

played a larger role in

is at highest risk of

be at high risk of

are at higher risk of

been at higher risk of

were at higher risk of

are at highest risk of

are at higher risks of

are at high risk of

is at high risk of

were at highest risk of

is at higher risk of

were at high risk of

be at higher risk of

may have contributed to

might have contributed to

are correlated with

be correlated with

been correlated with

were correlated with

is correlated with

was correlated with

are influenced by the

were influenced by the

was influenced by the

being influenced by the

been influenced by the

be influenced by the

is influenced by the

be more common among

is more common among

were more common among

was more common among

are more common among

be more likely to be diagnosed with

are more likely to be diagnosed with

play a vital role in

played a vital role in
plays a vital role in
be responsible for the
is responsible for the
being responsible for the
are responsible for the
been responsible for the
was responsible for the
were responsible for the
increased the risk of developing
had highest levels of
having higher levels of
have high level of
has high levels of
having high levels of
had high level of
have higher level of
have high levels of
having high level of
has higher levels of
have higher levels of
had high levels of
had higher levels of
be similar to those of
are similar to those of
were similar to those of
dies as a result of
died as a result of
die as a result of

attributed to

attributes to

attributing to

attribute to

causes a significant increase in

can increase the

could increase the

been more than twice as

is more than twice as

were more than twice as

was not related to

is not related to

are not related to

were not related to

been a contributing factor

be a contributing factor

is a contributing factor

are a contributing factor

was a contributing factor

were a contributing factor

correlates with the

correlated with the

correlate with the

correlating with the

is linked to the

are linked to the

were linked to the

been linked to the

was linked to the

be linked to the

were much more likely to have

is much more likely to have

is substantially more likely to

are substantially more likely to

were associated with a lowered

be associated with a lower

is associated with a lower

were associated with a lower

was associated with a lowered

are associated with a lower

are associated with a high

was associated with a high

is associated with a high

is associated with a higher

were associated with a higher

been associated with a higher

might be due to the

may be due to the

did not affect the

do not affect the

does not affect the

is due to

were due to

being due to

been due to

was due to

be due to

are due to

being caused by a

are caused by a

is caused by a

were caused by a

be caused by a

been caused by a

has an important role

have an important role

had an important role

increases the risks for

increases the risk for

increase the risks for

increase the risk for

was the main reason for

were the main reasons for

are the main reasons for

were the main reason for

being the main reason for

is the main reason for

are the main reason for

been associated with a

are associated with a

be associated with a

was associated with a

is associated with a

were associated with a

causes an increase in

cause an increase in

caused an increase in

causing an increase in

was unlikely to be

are unlikely to be

were unlikely to be

is unlikely to be

be unlikely to be

is associated with an increased

are associated with an increased

does not increase

did not increase

lead to increased

leads to increased

led to increased

may be responsible for the

might be responsible for the

were significantly more likely to be

are significantly more likely to be

was significantly more likely to be

is significantly more likely to be

being highly correlated with

is highly correlated with

were highly correlated with

are highly correlated with

was highly correlated with

were likeliest to

is likelier to

be likely to

are likelier to

was likely to

were likelier to

are likely to

were likely to

is likely to

would result in a

will result in a

are associated with an increased risk of

is associated with an increased risk of

be associated with an increased risk of

was associated with an increased risk of

is the same as

are the same as

was the same as

were the same as

been the same as

be the same as

associate with

associated with

associates with

associating with

been the victims of

is the victim of

being the victim of

are the victims of

be the victim of

is more susceptible to

be more susceptible to

were more susceptible to

are more susceptible to

was more susceptible to
be four times more likely to
is four times more likely to
were four times more likely to
was four times more likely to
are four times more likely to
contributing to
contributed to
contribute to
contributed to
contributes to
has negative effect on
has negative effects on
have negative effects on
having negative effects on
have negative effect on
had negative effect on
had negative effects on
was negatively correlated with
is negatively correlated with
be negatively correlated with
are negatively correlated with
having led to
have led to
had led to
has led to
has lead to
have lead to
is at increased risk of

be at increased risk of

was at increased risk of

are at increased risk of

were at increased risk of

has beneficial effect on

might increase the risk of

may increases the risk of

may increase the risks of

may increase the risk of

have a positive influence on

had a positive influence on

having a positive influence on

has a positive influence on

had a positive influenced on

play a significant role in

plays a significant role in

played a significant role in

be related to

was related to

been related to

being related to

were related to

is related to

are related to

play a key role in

plays a key role in

played a key role in

has the effect of

have the effect of

had the effect of

having an effect on

have an effect on

had an effect on

has an effect on

was twice as likely to be

being twice as likely to be

are twice as likely to be

is twice as likely to be

were twice as likely to be

were more sensitive to

was more sensitive to

be more sensitive to

being more sensitive to

are more sensitive to

is more sensitive to

being three times more likely to

is three times more likely to

were the most common causes of

is the most common cause of

was the most common cause of

was related to the

being related to the

were related to the

are related to the

is related to the

be related to the

been related to the

been a source of

was a source of

is a source of

are a source of

being a source of

be a source of

were a source of

played a role in the

play a role in the

plays a role in the

increase the chance of

increases the chance of

increases the chances of

increase the chances of

is more likely to use

be most likely to

are most likely to

being most likely to

were most likely to

was most likely to

is most likely to

had been responsible for

has been responsible for

have been responsible for

have no significant effect on

had no significant effects on

have no significant effects on

has no significant effect on

had no significant effect on

may play a role in

might play a role in
were closely related to the
be closely related to the
are closely related to the
is closely related to the
lead to an
led to an
leads to an
could be the result of
can be the result of
have an impact on the
having an impact on the
had an impact on the
has an impact on the
increased the risk of
increased the risks of
resulting in an
result in an
resulted in an
results in an
is at increased risk for
be at increased risk for
are at increased risk for
is a good way to
be a good way to
is a better way to
be a better way to
are a good way to
was a good way to

had increased the

has increased the

have increased the

is highly dependent on

were the main cause of

is the main cause of

was the main cause of

are the main causes of

was part of a

is part of a

were part of a

are part of a

be part of a

being part of a

having no effects on

had no effect on

has no effect on

has no effects on

have no effect on

have no effects on

had no effects on

been involved in the

being involved in the

were involved in the

is involved in the

are involved in the

was involved in the

be involved in the

might be linked to

may be linked to

was dependent on the

are dependent on the

being dependent on the

is dependent on the

be important in

was important in

being important in

were important in

is important in

are important in

reduced risks of

reducing risk of

reduces risk of

reduce risk of

reduce risks of

reducing risks of

reduced risk of

could be used in

can be used in

increases the likelihood of

increase the likelihood of

were positively correlated with

are positively correlated with

being positively correlated with

be positively correlated with

was positively correlated with

is positively correlated with

has little or no effect on

had little or no effect on

have little or no effect on

is associated with a high level of

was associated with a high level of

were associated with lower

is associated with lower

be associated with lower

been associated with lower

are not the same as

is not the same as

is more effective in

are more effective in

was more effective in

be more effective in

were more effective in

been more effective in

have an increased risk for

had an increased risk for

lead to the development of

led to the development of

leads to the development of

may contributes to

might contribute to

may contribute to

might be able to

may be able to

be safe and effective for

was safe and effective for

is safe and effective for

are more likely to have a

be more likely to have a

were more likely to have a

is more likely to have a

lead to a significant

led to a significant

leads to a significant

is a matter of

been a matter of

be associated with an increase in

is associated with an increase in

tend to have a

tended to have a

tends to have a

be the sources of

were the source of

been the source of

was the source of

were the sources of

are the sources of

be the source of

is the source of

is associated with a decreased risk of

been associated with a decreased risk of

was closely related to

is closely related to

are closely related to

were closely related to

be closely related to

does not lead to

did not lead to

do not lead to

was positively related to

are positively related to

is positively related to

were positively related to

be positively related to

are associated with a reduced

be associated with a reduced

been associated with a reduced

is associated with a reduced

was associated with a reduced

were associated with a reduced

was related to a

been related to a

are related to a

were related to a

is related to a

be related to a

might be related to the

may be related to the

be a good predictor of

was a good predictor of

were a better predictor of

are a better predictor of

is a good predictor of

is a better predictor of

was a better predictor of

are a good predictor of

be a better predictor of

are much more likely to be

is much more likely to be

be much more likely to be

were much more likely to be

has a key role in

have a key role in

having a key role in

do not increase the risks of

did not increase the risk of

does not increase the risk of

do not increase the risk of

does not increase the risks of

leads to a reduction in the

led to a reduction in the

lead to a reduction in the

is necessary for the

was necessary for the

be necessary for the

being necessary for the

were necessary for the

are necessary for the

are much more likely to

was much more likely to

were much more likely to

is much more likely to

be much more likely to

having an important role in

have an important role in

has an important role in

had an important role in

appear to have

appeared to has

appears to have

appeared to have

been part of

am part of

are part of

were part of

was part of

being part of

is part of

be part of

could be associated with

can be associated with

are associated with increased risk for

is associated with increased risk for

does not have a significant effect on

do not have a significant effect on

did not have a significant effect on

were at a higher risk of

be at a high risk of

be at a higher risk of

are at a high risk of

are at a higher risk of

can be traced back to

be at risk for

were at risk for

is at risk for

are at risk for

have little effect on the

had little effect on the

having little effect on the

has little effect on the

led to an increase in

lead to an increase in

leads to an increase in

increase the numbers of

increase the number of

increases the number of

could be responsible for

can be responsible for

have an effect on the

has an effect on the

had an effect on the

having an effect on the

has significant impact on

was consistent with the

be consistent with the

is consistent with the

were consistent with the

are consistent with the

being consistent with the

been consistent with the

were more likely to

is more likely to

am more likely to

being more likely to

be more likely to

was more likely to

are more likely to

been more likely to

are more likely to

is less likely than

increase the risk of

increases the risk of

increase the risks of

increases the risks of

be the most effective way

is the most effective way

be strongly correlated with

was strongly correlated with

is strongly correlated with

are strongly correlated with

were strongly correlated with

being at a higher risk for

be at a high risk for

are at a higher risk for

are at a high risk for

be at a higher risk for

were at a higher risk for

were at a high risk for

plays a key role in the

are at an increased risk of

were at an increased risk of

being at an increased risk of

be at an increased risk of

is at an increased risk of

has little or no

having little or no

had little or no

have little or no

contributes to the

contribute to the

contributed to the

contributing to the

is significantly more effective than

are significantly more effective than

was significantly more effective than

be significantly more effective than

might be an effective

may be an effective

were connecting to

was connected to

be connected to

is connected to

were connected to

having a negative impact on the

has a negative impact on the

had a negative impact on the

do not seem to be

did not seem to be

does not seem to be

has a detrimental impact on

having a detrimental impact on

have a detrimental impact on

is five times more likely to be

have a role in the

has a role in the

having a role in the

had a role in the

is likely to suffer from

are likely to suffer from

being responsible for

be responsible for

is responsible for

was responsible for

were responsible for

are responsible for

been responsible for

might play an important role in

may play an important role in

being far more likely to

were far more likely to

is far more likely to

are far more likely to

can be reduced by

does not improve

do not improve

did not improve

are the most common forms of

was the most common form of

are the most common form of

is the most common form of
were the most common form of
be a contributing factor to
was a contributing factor to
is a contributing factor to
has significant effect on
could be an effective
can be an effective
is a result of the
have a direct impact on
has a direct impact on
having a direct impact on
had a direct impact on
plays a critical role in
played a critical role in
play a critical role in
have a detrimental effect on
has a detrimental effect on
had a detrimental effect on
having a detrimental effect on
may be effective in
might be effective in
may be related to
might be related to
were less than
are less than
being less than
is less than
been less than

be less than

was less than

had one of the highest

has one of the highest

have one of the highest

was a risk factor for

are a risk factor for

is a risk factor for

being a risk factor for

be a risk factor for

has an impact on

had an impact on

having an impact on

have an impact on

were more likely to have an

is more likely to have an

are more likely to have an

was presented in

been present in

being presented in

be present in

were presented in

been presented in

be presented in

are present in

is present in

were present in

are presented in

was present in

being present in

is presented in

were a strong predictor

are a strong predictor

is a strong predictor

is a stronger predictor

was a strong predictor

had a high risk of

had a higher risk of

have a higher risk of

has a higher risk of

having a high risk of

have a high risk of

has a high risk of

was an effective treatment for

is an effective treatment for

be an effective treatment for

tended to be

tends to be

tending to be

tend to be

may be associated with a

might be associated with a

could be used to make

can be used to make

was similar to

were similar to

are similar to

being similar to

is similar to

be similar to

been similar to

played a crucial role in

plays a crucial role in

play a crucial role in

is associated with higher

be associated with high

were associated with higher

been associated with higher

was associated with higher

are associated with higher

is associated with high

was associated with high

being associated with higher

were associated with high

be associated with higher

are the cause of the

was the cause of the

are the causes of the

is the cause of the

being more likely than

be more likely than

were more likely than

are more likely than

is more likely than

was more likely than

have higher rates of

had high rates of

have high rates of

has higher rates of

has high rates of

have higher rate of

having higher rates of

had higher rates of

were affected by

is affected by

be affected by

being affected by

was affected by

are affected by

been affected by

is also more likely to

are also more likely to

were also more likely to

was also more likely to

is a consequence of

be a consequence of

are likelier to have

was likely to have

is likely to have

are likely to have

were likely to have

was one of the strongest

are one of the strongest

be one of the strongest

is one of the strongest

have a significant effect on

had a significant effect on

has a significant effect on

might play an important role

may play an important role

has a significant role in

had a significant role in

have a significant role in

led to

lead to

leads to

is more prone to

were more prone to

be more prone to

being more prone to

are more prone to

reduces the likelihood of

reducing the likelihood of

reduce the likelihood of

reduced the likelihood of

was the result of

is the result of

be the result of

are the results of

are the result of

were the result of

were the results of

being the result of

been the result of

does not affect

do not affect

be caused by

is caused by

are caused by

were caused by

being caused by

was caused by

been caused by

be more effective at

were more effective at

are more effective at

was more effective at

is more effective at

were caused by the

are caused by the

been caused by the

be caused by the

is caused by the

was caused by the

is much less likely to

be much less likely to

were a combination of

is a combination of

are a combination of

was one of the

is one of the

being one of the

be one of the

been one of the

were one of the

are one of the

been associated with

are associated with

is associated with

was associated with

be associated with

were associated with

can be attributed to

could be attributed to

has a negative effect on

had a negative effect on

having a negative effect on

have a negative effect on

had a protective effect against

have a protective effect against

has a protective effect against

correlated with

correlates with

correlating with

correlate with

were twice as likely to have

being twice as likely to have

be twice as likely to have

are twice as likely to have

was comparable to

is comparable to

are comparable to

been comparable to

can be useful in

could be useful in

were a strong predictor of

are a strong predictor of

be a stronger predictor of

is a stronger predictor of

was a stronger predictor of

is a strong predictor of

was a strong predictor of

be a strong predictor of

were more likely to be involved in

are more likely to be involved in

is more likely to be involved in

is necessary for

are necessary for

have a low risk of

has a low risk of

had a low risk of

increased the chance of

is not associate with

are not associate with

is associate with

are associate with

increased the likelihood of

has high level of

do not reduce

did not reduce

significantly reduce

significantly reduces

significantly reduced

is a form of

are a form of

result in

resulted in

results in

are a part of

increase risk of

increases risk of

increased risk of

likely to develop

do not increase

are less likely to be

is less likely

are less likely

decrease

decreases

support

supports

achieve

achieves

lowers

reduce

reduces

produce

produces

increase

increases

damage

damages

exacerbate

exacerbates

improve

improves

diminish

diminishes

develop

develops

benefit

benefits

associate

associates

cause

causes

help

helps

contribute

contributes

stimulate

stimulates