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### Interaction Analysis Model Lexicon

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## Interaction Analysis Model (IAM) Lexicon Project

This webpage hosts the current list of words to be utilized in the IAM Lexicon first published in 2023 by Megli et al. Please submit additions or inquiries regarding the lexicon to [oils@unm.edu](mailto:oils@unm.edu) to be connected with one of the authors.

### IAM Lexicon from Transcripts

Final Lexicon - From Transcripts in Megli et al., 2023				
Phase I	Phase II	Phase III	Phase IV	Phase V
i think	not sure	i was considering	rethink	some of you have
interesting discussions	struggled with	i like the term	many have mentioned	synthesizing
it seems	negated the idea	much better than	but i do wonder	notable observation
before we start	but	are we talking about	as suggested	based on group discussion
what are	rather	the fact that	never thought	based on what we discussed
what do	although	emphasize	i hadnt thought	we are talking about
can we	not always	however	i question	it is interesting
i uploaded	but i found	different things to different people	in my experience	tie in
we have to	disagree	distinct difference	however	carry on
would agree	the fact is	i wonder	how i see	you both
right track	wonder	what you meant	thought provoking	all of those
i agree	what do you think	referencing	considering	you all
in my opinion	confusion	point i was trying to get to	ive thought a lot	many of you
what do you mean	problematic	may have been	where i was born	common thread
suggestion	however	in this case	i personally	development of information
i believe	arguing against	but	for instance	consider

to me	wondering	different but inseparable	i think that way	as we have learned
what is	curious	we have to be	i decided	learn more
can it be	what i mean	so interesting	share the idea	i thought
how about	question	actually allowed me to	would argue	what we have learned
is it alright	do you know	wouldnt you say	disappointed to find	made me think
good idea	for your question	difficult to grasp	how do you	never really thought
where are	anyone else find	could be	we learned	after thinking about it
in this case	thought about it further	i do not know	my reality	used to think
how did you	do you believe	really matters	however i have experienced	recently discovered
really appreciate	if you think	i too	reflecting back	think more
i like	because	thought about	made me remember	constantly learning
because	struggled within	my own	remembers	i learned
regarding	suppose	in turn made me reflect	i struggled within	furthermore
struck by	example	links between these		complex
im learning	definition	this depends on		understanding
i experienced	resonated with me	mentioned		changes
i feel	for instance	i question		struck me the most
i was able	to add	although		updated understanding
another reason	i too question	i think		expand perception
i also think	my take	not be limited to		revised my thinking
i touched on	i have learned	and also		after more reflection
i wonder if	to elaborate	of course i do		see both sides

it would be	suspect	we can all agree		about this differently
ive done	like the article said	it would fall into		find myself thinking
i have done	according to	in agreement with		to summarize
i wonder	like you say	to add		ive come to realize
i remember	book says	you and i		reflecting back
one example	never came up	similar conversations		incorporated some ideas
i view	surprised	like this point		you have posted
i offer	sheds light	seems key		interesting development of information
i say	might also	strong point		
seems to me	even though	explain intention		
i found	dont believe	recommend		
for example	remind you	good point		
my experience	would be	look at		
i do believe	while i agree	making an assumption		
it occurred to me	in thinking about	im struck		
i would suggest	your statement	i understand that		
we were given	could be considered	good to know		
you see	argue	like to add		
reflecting	but i think	perhaps		
as far as	because i think	i think we as		
obvious	i am not arguing against	we may see		
intrigued	would not	dont believe		
fascinating	i wonder how	it is concerning		
appreciate	i have struggled with	that does not mean		
personally	i heartily disagree	imagine		

i see	confusion between	regardless		
it seems to me	what is problematic	it is a good idea		
i have found	how about	for example		
it is great		wasnt it		
good argument		i can create		
share		to expand further		
that would		the idea that		
could have been		make the point that		
could be		i am saying		
judging by		it seems to me		
no doubt		lets say		
referencing		why not		
found		should we		
think		hence		
came to mind		so as you can see		
read		i ask myself		
could have		question that comes to my mind		
can have		question still remains		
did not seem		how would you		
feel		i wasnt thinking of		
seem to		we need		
seems		we can discriminate		
wonder		would like to comment		
is known		how about		
is		is this		
do not know		perhaps this		

		would be		
do not have		did you find		
may have		is that correct		
said		or is that		
do not see		what do you think		
consider		what do you all think		
would be		have you noticed		
apparently		do you know		
not surprising		for your question		
have seen		what about		
good point		disagree		
important point		curious		
i liked		wonder		
great examples		rather i was considering		
i really love		considering your thoughts about		
dealt with this		i agree that		
i completely agree		i also called attention to		
i too		but rather on		
agreed		so why not		
you're right		such as		
i really like		illustrated by		
resonates with me				
like you				
very similar to				
i also				
i too like				
i do resonate with				
i identify with				
great insights				

i agree with				
quote your				
really like				
absolutely agree				
excellent point				
pretty interesting				
definitely				
what i like most				
absolutely right				
wholeheartedly agree				
agree				
put it best				
completely agree				
it is true				
same wavelength				
as you said				
like your idea				
relate				
excellent				
surprised				
your article				
similar question				
similar thoughts				
you discussed				
as you mentioned				
i like your expression				
building on				
excellent example				
your idea				
build off of				
description				
says				



you did				
best example				
this applies				
example				
research showed				
point to				
stated				
believes				
according to				
when i read				
had thought				
after reading				
do you think				
my personal				
to respond				
hence				
i meant				
to answer				
for me				
in regard to				
how do				
distinction between				
neat huh				
i ask myself				
what was				
yes it was				
did that answer your question				
elaborate				
a question				
do you agree				
wondered				
recall				

my question				
with that said				
question that comes to my mind				
question still remains				
how would you				
consequently				
thus				
in her rebuttal				
in his rebuttal				
mentioned				
definition				
defined				
definitions				
define				
that is				
refers to				
my opinion				
explains why				
but i believe				
states				
which means				
reviewed				
appears				
considered				
noticed				
in a statement				
explain				
noted				
interesting to note				
while considering				
summary				
is understandable				

interested to hear				
great question				
especially like				
great observation				
whats interesting				
great point				
i feel the same				
have a lot of experience				
important to note				
bring me up to speed				
i say this because				
make the point				
a notable observation				
based on				

IAM Lexicon from Literature Review

Final Lexicon - From Literature Review in Megli et al., 2023				
Phase I	Phase II	Phase III	Phase IV	Phase V
	therefore if	wondering whether	checked it with	some have
	would it not	ditto	makes more sense	others have
	just curious	should definitely reflect	fits well	did not realize
	to me	rather than	may well have	until now
	however	crucial factors	if this	came away with
	not the case	in addition	one possible	the above beliefs
	do we need to	we need to look into	unlike	implement
	have a question	i need to understand	i find	evidence of such thoughts
	you say	my theory	as in	after questioning
	but if	you seem to be	on the flip side	envision myself

	i dont suppose	if that is the case	dangerous to think	made me realize
	where i found	important for us	dont forget	ways we learned
	it depends	maybe	can never guarantee	new perspective
	wondering	but why	different experiences	enhanced my knowledge
	is there	asking you all	may not hold water	you never know
	do you think	what i think	your proposed idea	i will accept
	but how	what i found	in a study	revise according
	or is it	wouldnt you agree		we established
	who would	i propose		retrospect
	would the	refers to		now as i go
	i strongly feel	referring to		from your experiences
	do not agree	concedes		i am learning
	im sorry	given your views		all your postings
	cannot agree	reflect		all of us
	do we have to	rather referring to		what is clear
	not clear to me	may also fall		reconstruct my views
	what if	i argue		discussions have helped
	i dont think	we should		certainly learned
	how is	how about		from what we discussed
	alternate point	consider		seemed clearer
	but why	you are correct		can conclude
	i disagree	reconsidering		
	personally prefer	i am talking about		
	cant help feeling	as you said		

		depends on		
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Please use the following code to run the Lexicon Classifier in Rstudio

### Lexicon Classifier in R

```
#
# Read in the Data
#
filename="Lexicon-Culture-2-Transcript.csv"
df=read.csv(filename)
#
# Zero empty cells, collapse Phase columns
#
f=function(x) { if (is.na(x)==T) 0 else x }
df[,4:24]=apply(df[,4:24], c(1,2), f)
df[,4:24]
pl=rowSums(df[,4:8])
pll=rowSums(df[,9:11])
plll=rowSums(df[,12:16])
pIV=rowSums(df[,17:21])
pV=rowSums(df[,22:24])
dff=data.frame(user=df$User,post=df$Post,pl,pll,plll,pIV,pV)
#
# Read in the Lexicon
#
LI = readLines("Phase-I-Lexicon.txt")
LII = readLines("Phase-II-Lexicon.txt")
LIIL = readLines("Phase-III-Lexicon.txt")
LIV = readLines("Phase-IV-Lexicon.txt")
LV = readLines("Phase-V-Lexicon.txt")
lexi=list(LI, LII, LIIL, LIV, LV)
#
# Score post according to lexicon
#
lscores=c()
for (p in dff$post) { # Go through each post
  #
  # Do basic cleaning of the post
  #
  cp = gsub("\\n|/|-", " ", as.character(p))
  cp = gsub("[^a-z\\n]", "", cp, ignore.case=T)
```

```

cp = tolower(cp)

lscore=c()
for (lx in lexi) { # Go through each lexicon
  i=0
  for (ln in lx) { # Go through each phrase in each lexicon
    if (grepl(paste("\\b",ln,"\\b",sep=""), cp,ignore.case=T)) { # Check if phrase is post
      #print(ln)
      i=i+1
    }
  }
  lscore=c(lscore,i)
}
lscores=rbind(lscores,lscore)
}
colnames(lscores)=c("I","II","III","IV","V")
dff=data.frame(user=dff$user,post=dff$post, pI, pII, pIII, pIV, pV, lscores)
write.csv(dff,sprintf("predict-count-%s",filename), row.names=F)

```