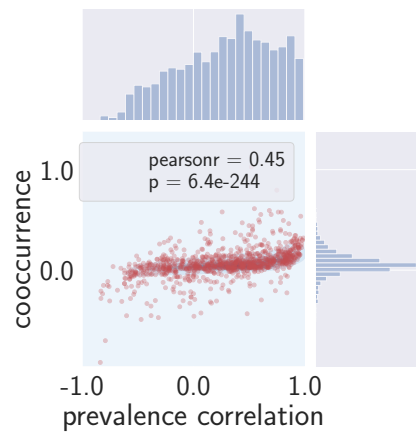


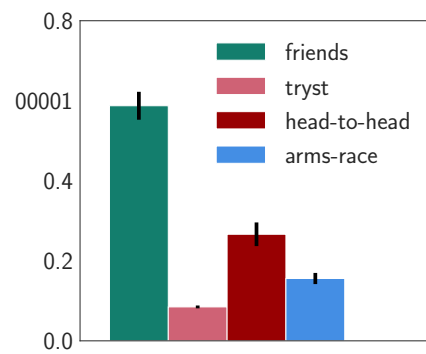
Idea relations

February 18, 2021

1 Overall distributions



(a) Joint distribution between PMI and prevalence correlation.



(b) Strength of the top 25 pairs in each category.

2 Top relation plots

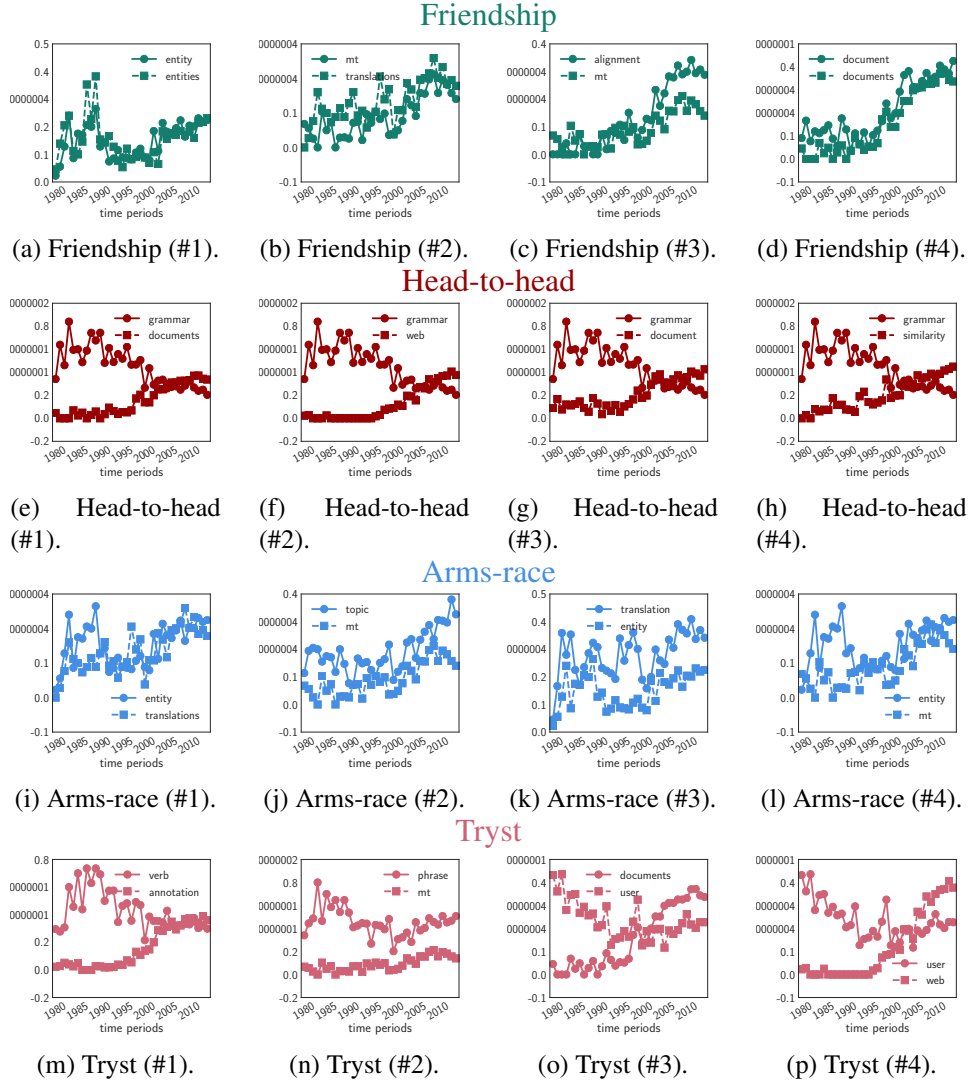


Figure 2: Top four figures in each category, more careful investigation is required to interpret these results. Also explore further down the list (e.g., top 50) to get a better understanding.

3 Relation tables

Table 1: Relation between ideas. This table shows top pairs. In the table/ directory, there is another file with top 50 pairs, which is worth further investigation.

combined	pmi	correlation	first		second
friends					
0.999	1.335	0.748	entity		entities
0.925	1.324	0.699	mt		translations
0.902	1.038	0.869	alignment		mt
0.825	0.906	0.912	chinese		mt
0.821	1.045	0.786	alignment		translations
0.656	0.692	0.948	alignment		chinese
0.652	0.846	0.771	answer		questions
0.628	0.663	0.946	annotated		annotation
0.617	0.648	0.951	documents		web
0.596	0.796	0.749	chinese		translations
head-to-head					
0.769	-0.919	-0.837	grammar		documents
0.556	-0.702	-0.792	grammar		web
0.513	-0.675	-0.760	grammar		document
0.447	-0.615	-0.726	grammar		similarity
0.277	-0.489	-0.565	argument		chinese
0.273	-0.453	-0.601	rule		documents
0.258	-0.489	-0.529	alignment		argument
0.242	-0.406	-0.596	argument		mt
0.234	-0.282	-0.832	grammar		precision
0.231	-0.491	-0.471	np		documents
arms-race					
-0.356	-0.702	0.507	entity		translations
-0.343	-0.496	0.692	topic		mt
-0.209	-0.434	0.482	translation		entity
-0.205	-0.715	0.286	entity		mt
-0.196	-0.301	0.650	topic		translations
-0.190	-0.226	0.839	annotation		mt
-0.181	-0.297	0.610	tag		translations
-0.171	-0.290	0.589	translation		topic
-0.165	-0.312	0.529	languages		entities
-0.153	-0.212	0.724	annotation		translations
tryst					
-0.122	0.211	-0.575	verb		annotation
-0.121	0.456	-0.266	phrase		mt
-0.110	0.295	-0.373	documents		user
-0.107	0.403	-0.266	user		web
-0.106	0.189	-0.563	user		automatically
-0.102	0.344	-0.295	document		user
-0.095	0.158	-0.601	argument		annotation
-0.094	0.178	-0.530	rule		mt
-0.091	0.244	-0.372	annotation		parser
-0.086	0.199	-0.433	annotated		verb