

Lexical Portal

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Node size filter

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Zoom

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☐ Show labels

☐ Show edges

Label filter



What is the Lexical Portal?

tinyurl.com/2328ykog



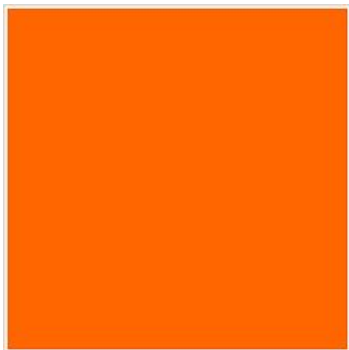
What is a word co-occurrence?

**“you shall know a word by the
company it keeps”**

Firth, J.R. 1968. ‘A Synopsis of Linguistic Theory, 1930-55’. In Selected Papers of J.R.Firth 1952-59, 168–205. London and Harlow: Longmans.

“Orange”

Text 1	Text 2
paint	market
brush	apples
blue	pears
yellow	banana

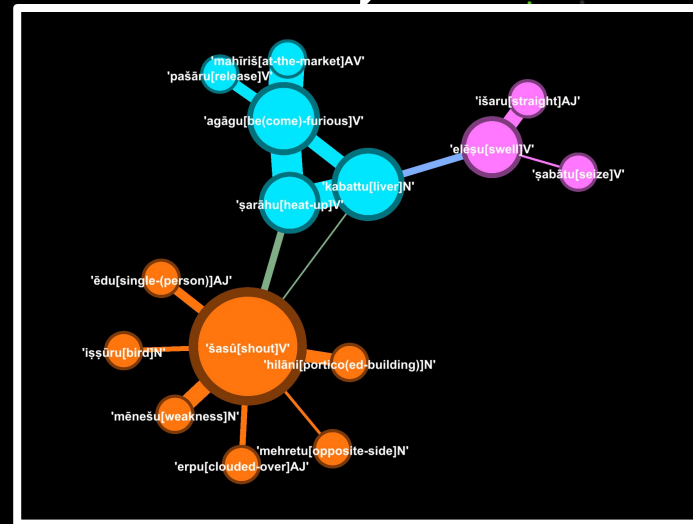
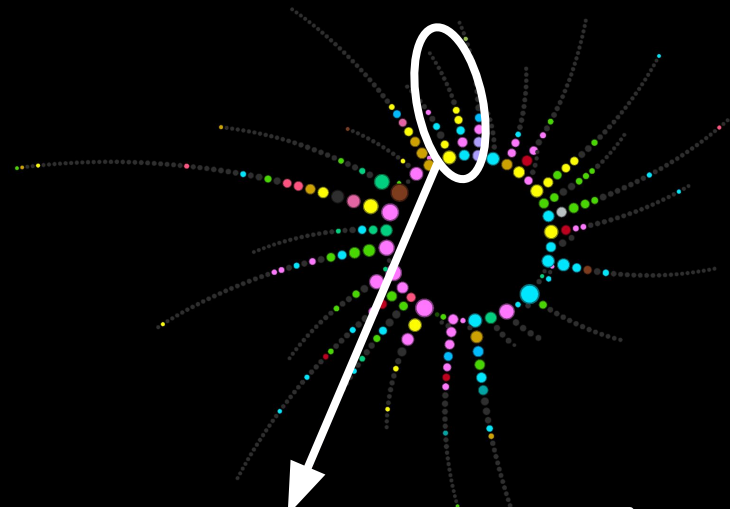
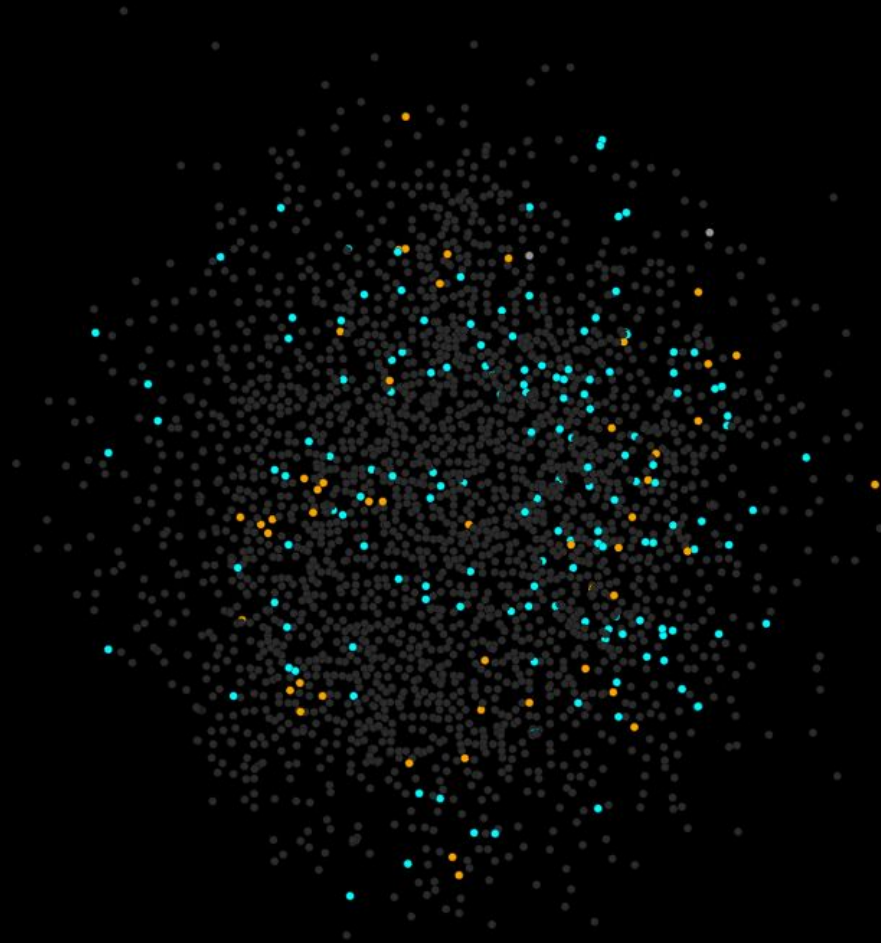


Example of what PMI data looks like as a table

source	target	weight
pūhu[exchange]N	qaqqaḍu[head]N	0.029
pūhu[exchange]N	šaḷṣu[third]NU	0.028
pūhu[exchange]N	līmu[eponym-(of-year)]N	0.025
pūhu[exchange]N	ṭīdu[clay]N	0.025
pulhu[fearsomeness]N	melammu[fearsome-radiance]N	0.107
pulhu[fearsomeness]N	sahāpu[envelop]V	0.082
pulhu[fearsomeness]N	urbu[(a-work-gang)]N	0.053
pulhu[fearsomeness]N	rūqu[distant-one]N	0.045
pulhu[fearsomeness]N	bēlūtu[rule]N	0.032
pulhu[fearsomeness]N	kadrū[present]N	0.031
pulhu[fearsomeness]N	šaḷṣu[third]NU	0.028
pulhu[fearsomeness]N	tabāku[pour-(out)]V	0.027
pulhu[fearsomeness]N	abātu[run-away]V	0.022
pulhu[fearsomeness]N	maddattu[payment]N	0.022
puḷuhtu[awesomeness]N	sahāpu[envelop]V	0.063
puḷuhtu[awesomeness]N	šitpuru[armed]AJ	0.058
puḷuhtu[awesomeness]N	hātu[terror]N	0.048
puḷuhtu[awesomeness]N	rašubbātu[terrifying-appearance]N	0.034
puḷuhtu[awesomeness]N	za'ānu[be(come)-adorned]V	0.03
puḷuhtu[awesomeness]N	rakbū[mounted-messenger]N	0.028
puḷuhtu[awesomeness]N	melammu[fearsome-radiance]N	0.026
puḷuhtu[awesomeness]N	šarrūtu[kingship]N	0.025
puḷuhtu[awesomeness]N	šemū[hear]V	0.018
puḷuhtu[awesomeness]N	rabū[great]AJ	0.017
puḷuhtu[fear(someness)]N	allaku[always-moving]AJ	0.081
puḷuhtu[fear(someness)]N	šamallū[purse-bearer]N	0.065
puḷuhtu[fear(someness)]N	kīsu[money-bag]N	0.061
puḷuhtu[fear(someness)]N	kaššāpu[sorcerer]N	0.053
puḷuhtu[fear(someness)]N	alaktu[way]N	0.041
puḷuhtu[fear(someness)]N	nāšū[bearer]N	0.04
puḷuhtu[fear(someness)]N	kaššāptu[sorceress]N	0.039
puḷuhtu[fear(someness)]N	ayyābu[enemy]N	0.033
puḷuhtu[fear(someness)]N	tamkāru[merchant]N	0.031
puḷuhtu[fear(someness)]N	qamū[burn]V	0.029

Important parameters!

- Only counted words appearing 5 words or more
- Only counted pairs of words appearing 5 times or more
- Only counted words that appeared within a window size of 10 either side of the word



Head to the Lexical Portal!

tinyurl.com/2328ykog

Small Groups

- Pick a network. Are there any patterns you can see in it?
- How do these patterns compare with the other networks in the lexical portal?
- What are the words with the highest weighted degree in your chosen network?
- How are they different from the words with the highest weighted degree in other networks?
- Pick an animal. Is the animal in your chosen network? If it isn't, why do you think it isn't?
- What patterns do you see with your word? Are these different in other networks?
- Which words are most likely to co-occur with your word? Are these different in other networks?
- Are there patterns involving the community your word is in? Are these different in other networks?
- Does Korp explain the patterns you see?
- If your word isn't in the network, can Korp explain why that is?

Further reading



tinyurl.com/29lt3hvs