

Collocations in context with #LancsBox: Collocation graphs and networks

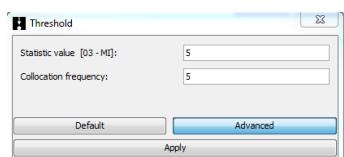
Task 1. Create graphs. Work with the LOB corpus.

a) Build a collocation graph (first-order collocates) around the word *time* using MI score and the default settings.



b) How many collocates does the graph display? Are all of them useful?

c) Change the default settings as indicated in the figure below (MI = 5 and above) and search for the node *time* again.



How many results did you get this time?

d) Which of the collocates occur predominantly to the left of the node *time* and which ones to the right?

Left:

.....

Right:

.....

e) Some of the collocates of *time* such as *t*, *kungo* might not be completely transparent. Use the right-click function to obtain concordances (KWIC pop-up) and explain these collocates.

t is used as

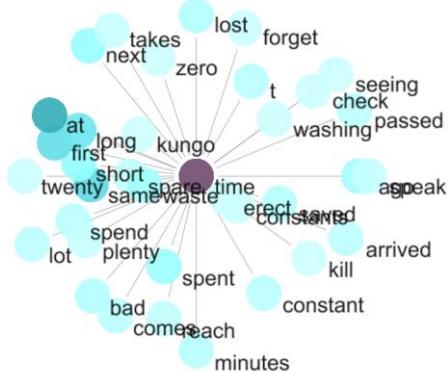
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kungo is used as

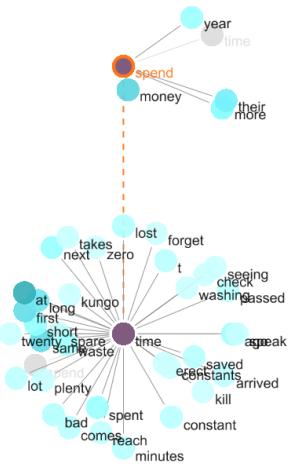
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Task 2. Build collocation networks and explore graphs.

a) Go to the graph you have created in Task 1 c). It should be similar to the graph displayed in the figure below:



b) Find the collocate *spend* in the graph and double click on it. You should get a collocation network similar to the one displayed below:



c) Find the second-order collocate *money* in the graph and double click on it. Comment on the connection between *time* and *money* that you can see in the resulting graph that shows collocates around the node *money*.

d) Repeat steps a) – d) with lemma(▼ **Lemma**) as the unit in the collocation graph.