

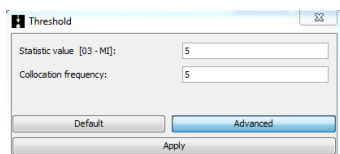
Collocations in context with #LancsBox: Collocation graphs and networks

T **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

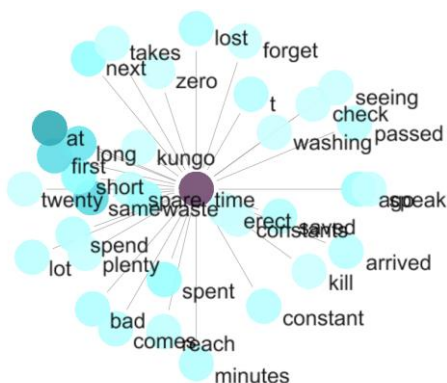
.....

kungo is used as

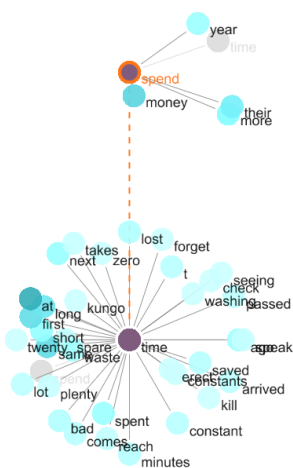
.....

T **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.