

The AntConc tool

HAP/LAP. Corpus Linguistics.

- Tool for corpus analysis.
- Free download (but not open source)
[Official website](#)
We are going to use a slightly old version (3.5.9)
- Many OSes (Windows, Mac, Linux)
- Contains most of the functionality we've seen here:
 - Regular search
 - Search within window
 - Collocations
 - Keywords
 - ...

AntConc: corpus loading



- First, load a corpus

Download and uncompress `brown.txt.tar.gz`

- Make sure that the corpus is properly loaded
 - Go to “File View” tab
 - click on file

AntConc: Word list



- Go to “Word List” tab
- Press “Start” button
- We have again the words and frequencies!

AntConc: Single search



- Go to “Concordance” tab
- Put a search term (“report”)
 - By default, sorted according to appearance
 - Use “Sort” button to change
 - According to word in left, right, etc.
 - See patterns (“report of”, “report on”, etc)
- Can use wildcards/regular expressions (“report*”, “\br[a-z]+t\b”)
- You can also search for context words (“political”)
- Can save the results

- “Collocates” tab
- First, load a corpus
 - First, “File/Clear All Tools and Files”
 - Use only “Journalism” sub-corpus (A, B, C)
- Put a search term (“President”)
- Look at collocations
 - frequencies on the left and right
 - collocation association measure

- First, load a corpus
 - First, “File/Clear All Tools and Files”
 - Use only “Journalism” sub-corpus (A, B, C)
- For Keyword extraction, one must first select a reference corpus
 - One to compare against.
- Use the full Brown as references:
 - “Tool Preferences/Keyword List/Reference Corpus”
 - Select all brown file, and press “Load” button
- Go to “Keywords” tab and extract particular keywords of this sub-corpus.

AntConc: Concordance Plot



- First, load a corpus
 - First, “File/Clear All Tools and Files”
 - Use only “Journalism” sub-corpus (A, B, C)
- Go to “Concordance Plot” tab
- Search as usual
 - How many hits on each document
 - Where those hits are located
- Search for “editor”, “government”, “law”