Running a t-test to compare number of words from Broca vs. Wernicke.

1. For this please use the complete AphasiaBank database in talkbank.org/resources/aphasia.zip. Unzip it into tutorial/aphasia
2. Set your CLAN working directory to tutorial/aphasia and run this command:

eval -re +u \*.cha +t@id="\*|Broca|\*" +t@id="\*|Wernicke|\*"

(make sure you understand what this command is doing). The output will be in tutorial/Aphasia/ACWT/ACWT01.eval.xls. Click to open this in Excel.

1. Sort on Column G, making sure you include everything except the first row.
2. Follow the instructions in the video at talkbank.org/resources/t-test.mp4
3. Alternatively, under “Tools” select “Data Analysis” (you may need to do: “Tools - Add-Ins”), then select “t-Test: Two-Sample Assuming Unequal Variances” the ranges should be R2:R90 for Broca and R91:R119 for Wernicke.
4. What is the p-value yielded by the t-test? Which group has more words?