Please read notes carefully

NOTE: Listening to these files before using them in experimentation will compromise the outcome of the study. There are 300 short sentences - it is STRONGLY RECOMMENDED that you set aside 100 of them exclusively for your study.

The experimental data from a study by Healy, Yoho et al [1] has been made available for download by the authors.

The zip file should be downloaded, from the url below, as test data for your assignment.

The folder JASA13\data\clean\_utterance contains almost 300 short speech files. Please use a selection of these files as the sample speech files from which you will generate processed, vocoded speech files for use in your speech perception experiment.

The files above contain high quality speech with no background noise. These "ideal" recordings are much easier to understand than the usual speech + noise that a cochlear implant recipient will experience.

The use of this data **must be appropriately referenced** in your report and presentation.

[1] Healy E.W., Yoho S.E., Wang Y., and Wang D.L. (2013): [An algorithm to improve speech recognition in noise for hearing-impaired listeners](http://www.cse.ohio-state.edu/~dwang/papers/HYWW.jasa13.pdf). *Journal of the Acoustical Society of America*, vol. 134, pp. 3029-3038.

Click <http://web.cse.ohio-state.edu/pnl/corpus/Healy-jasa13/YWang.html> link to open resource.