**STEP#1.**

Create another new file named $subj_responses.xlsx (e.g., YDJ2_responses). This file is also in the folder:
`/Volumes/data/rave_data/ent_data/EMU_NoisyWords/YDJ/audio/`

1) copy in the columns 'Block', 'Trial', 'Stimulus', and 'Response' from YDJ_Responses-4dB.xlsx;

2) fill in the column 'Condition' based on the presented movie names (e.g., An, Ac);

3) Run R code to extract phonemes for target words & responses, and count the phoneme numbers. This code will help filling out all the rest columns except column 'ConditionBehaviorl';

4) fill in the column 'ConditionBehaviorl' based on the phoneme accuracy%: > 50% is 'correct' (add '1' behind the existing 'Condition'), < = 50% is 'incorrect'(add '0' behind the existing 'Condition'). (e.g., An0_-4dB)

**STEP#2**.

Concatenate the files from Step #2 & #3 together, generate the epoch file (epoch_$subj.csv). Then you will have the following columns filled: 'Block', 'Time', 'Trial', 'Stimulus', and 'Condition' (copy in the 'ConditionBehaviorl' from step#3). This file should be in the folder:
`/Volumes/data/rave_data/ent_data/EMU_NoisyWords/YDJ/rave/meta`

`note: in order for RAVE to recognize it, it has to be named starting with 'epoch_'.`

**STEP#3**.

Last step, fill out the blank columns in the epoch file.

Get more types of time stamps (e.g., auditory onset) for the epoch file.

Run the R code: augment_epoch_files.R
(`/Volumes/data/rave_data/ent_data/EMU_NoisyWords`)