# For testing

event="Auditory\_inRep"

task\_Tag="Repeat"

glm\_fea="Rep\_YN"

wordness="ALL"

glm\_out="beta"

stat="zscore"

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Rep\_YN" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Rep\_YN" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "YN\_Rep" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "YN\_Rep" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "ALL" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Acoustic" --wordness "ALL" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Acoustic" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "ALL" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Phonemic" --wordness "ALL" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Phonemic" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "Word" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "Word";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "Word" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "Word";

python .\step1\_glm\_permute.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Acoustic" --wordness "Word" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Acoustic" --wordness "Word";

python .\step1\_glm\_permute.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Phonemic" --wordness "Word" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Phonemic" --wordness "Word";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "Nonword" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "Nonword";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "Nonword" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "Nonword";

python .\step1\_glm\_permute.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Acoustic" --wordness "Nonword" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Acoustic" --wordness "Nonword";

python .\step1\_glm\_permute.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Phonemic" --wordness "Nonword" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Phonemic" --wordness "Nonword";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Lexical" --wordness "ALL" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Lexical" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Lexical" --wordness "ALL" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Lexical" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Word" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Word" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Word" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Word" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Nonword" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Nonword" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Nonword" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Nonword" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Rep\_YN" --glm\_fea "Rep-YN" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Rep\_YN" --glm\_fea "Rep-YN" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Rep\_YN" --glm\_fea "YN-Rep" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Rep\_YN" --glm\_fea "YN-Rep" --wordness "ALL";

# Word vs. Nonword, and Nonword vs. Word

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Word" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Word" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Word" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Word" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Nonword" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Nonword" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Nonword" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Nonword" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Word" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Word" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Resp\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Word" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Resp\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Word" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Nonword" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Nonword" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Resp\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Nonword" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Resp\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Nonword" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Acoustic" --wordness "ALL" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Acoustic" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Resp\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Acoustic" --wordness "ALL" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Resp\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Acoustic" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Phonemic" --wordness "ALL" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Auditory\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Phonemic" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Resp\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Phonemic" --wordness "ALL" --glm\_out "beta\_abs";

python .\step2\_time\_cluster.py --event "Resp\_inYN" --task\_Tag "Yes\_No" --glm\_fea "Phonemic" --wordness "ALL";

# When glm output is beta, get original significance, but also do time cluster correction

python .\step1\_glm\_permute.py --event "Cue\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Cue\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Cue\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Cue\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Cue\_inRep" --task\_Tag "Repeat" --glm\_fea "Lexical" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Cue\_inRep" --task\_Tag "Repeat" --glm\_fea "Lexical" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Lexical" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Lexical" --wordness "ALL";

python .\step1\_glm\_permute.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Lexical" --wordness "ALL" --glm\_out "beta";

python .\step2\_time\_cluster.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Lexical" --wordness "ALL";

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# FDR correction

# When glm output is beta, get original significance, but also do time cluster correction

python .\step2\_glm\_fdr.py --event "Cue\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "ALL";

python .\step2\_glm\_fdr.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "ALL";

python .\step2\_glm\_fdr.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "ALL";

python .\step2\_glm\_fdr.py --event "Cue\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "ALL";

python .\step2\_glm\_fdr.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "ALL";

python .\step2\_glm\_fdr.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "ALL";

python .\step2\_glm\_fdr.py --event "Cue\_inRep" --task\_Tag "Repeat" --glm\_fea "Lexical" --wordness "ALL";

python .\step2\_glm\_fdr.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Lexical" --wordness "ALL";

python .\step2\_glm\_fdr.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Lexical" --wordness "ALL";

# When glm output is R^2, no step2 is needed

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "ALL" --glm\_out "r2";

python .\step1\_glm\_permute.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Acoustic" --wordness "ALL" --glm\_out "r2";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "ALL" --glm\_out "r2";

python .\step1\_glm\_permute.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Phonemic" --wordness "ALL" --glm\_out "r2";

python .\step1\_glm\_permute.py --event "Auditory\_inRep" --task\_Tag "Repeat" --glm\_fea "Lexical" --wordness "ALL" --glm\_out "r2";

python .\step1\_glm\_permute.py --event "Resp\_inRep" --task\_Tag "Repeat" --glm\_fea "Lexical" --wordness "ALL" --glm\_out "r2";