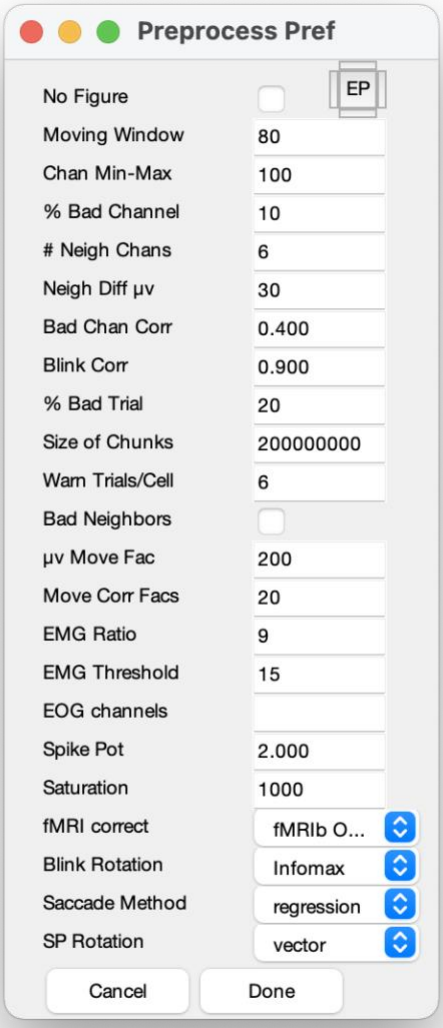
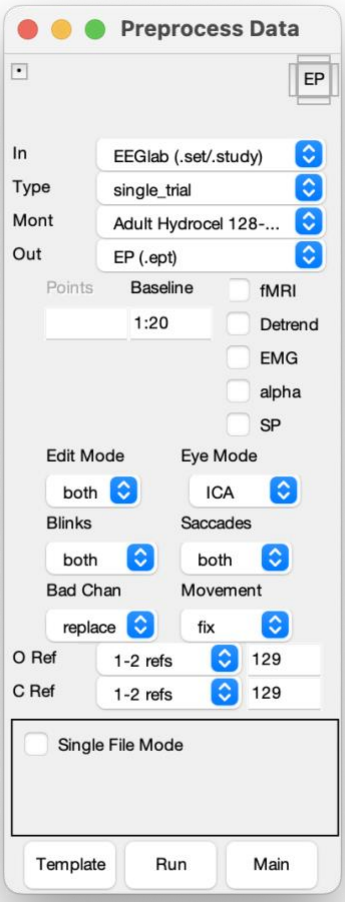
Raw EEG data were first run through the preproc.m script. Then, the epoched data were processed through the ERP PCA Toolkit using the following settings.

EP Toolkit Preprocess Preferences Pane:



EOG channels will be manually set for each electrode montage.
(e.g., EOG channels for the 128-channel MagStim EGI sensor layout would be [25 8 127 126 128 125]);

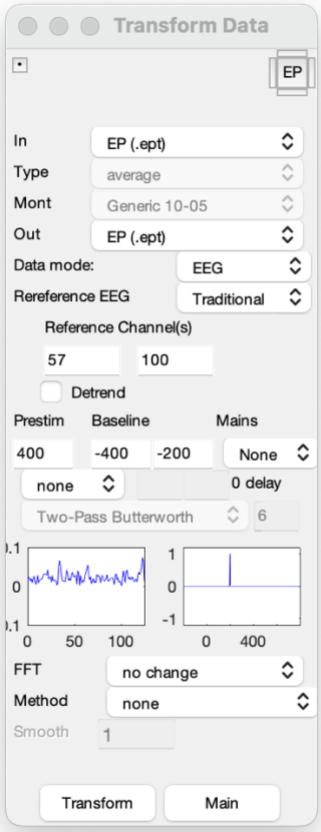
Preprocess Pane:



The Montage, O Ref (original reference), and C Ref (current reference) will be adjusted to fit the incoming dataset.

Data-specific blink and saccade templates will be made for each data format. Templates automatically generated for each individual file will also be used.

Transform Pane:



The channels used for refencing to algebraically-linked mastoids will be changed for each montage.