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|  | Function | Explanation |
| Reading data | picaneeg\_loadraw | Loads data from any net |
|  | picaneeg\_addnetdata | Adds electrode placement information |
|  | picaneeg\_biosemi\_procevents | Extracts events from the biosemi system |
| Processing data | picaneeg\_noisefilter | Filters data – most useful for ERP |
|  | picaneeg\_indivalphafreq | Finds an individually tailored alpha range |
|  | picaneeg\_segmenttrials | Breaks data up into trials |
|  | picaneeg\_dropbadtrials | Rejects trials outside 75 V |
|  | picaneeg\_condmeans | gets the trial and condition related averages within some time window |
|  | picaneeg\_getmontageavg | gets the condition related averages for certain electrodes |
| Plotting | picaneeg\_plottimeseries | Shows complete time-series for all electrodes, stacked vertically |
|  | picaneeg\_animtopo | Animates a topographic map over time |
|  | picaneeg\_condtopo | show the condition means on a topographic scalp |
|  | picaneeg\_plotcondmeans | shows condition-related means for all conditions for all or just some electrodes |
|  | picaneeg\_plotallcondtrials | shows all trials |