9 July 2021

GUI instructions for ICA

Re-reference the data: Tools > re-reference the data > check “compute average reference” > ok > save under new name

Conduct ICA: Tools> decompose data by ICA + ‘runica’ (for infomax) + ‘extended’, 0 (use 1 for more precise but longer analysis, takes several hours)

Plot > component maps > In 2D + ‘electrodes’, ‘on’ > OK

Write down candidate components

Crosscheck candidate components with the component timecourses: Plot > component activations (scroll)

Tools > Remove components from data + type components to be removed separated by once space > OK > Accept

To see you have removed the artifacts: Plot > channel data (scroll) HOORAY NO ARTIFACTS!!!!