

The file named *rest5min_p1_p24_SL.mat* contains the surface-Laplacian transformed EEG data from participants 1-24 and *rest5min_p25_p48_SL.mat* contains the data from participants 25-48. Both files are formatted as MATLAB structures.

EEG was recorded with 64 scalp electrodes and additional facial and mastoid electrodes. The mapping of electrode indices (1-72) to their locations is provided in the PDF file named *electrode_mapping.pdf*.

Whereas EEG was recorded for 5 minutes while participants rested with their eyes closed, the data have been segmented into 5-second intervals (excluding the first 10 seconds) as described in the paper: Menciloglu, M., Grabowecky, M., & Suzuki, S. (2020, in press). EEG state-trajectory instability and speed reveal global rules of intrinsic spatiotemporal neural dynamics. *PLoS ONE*.