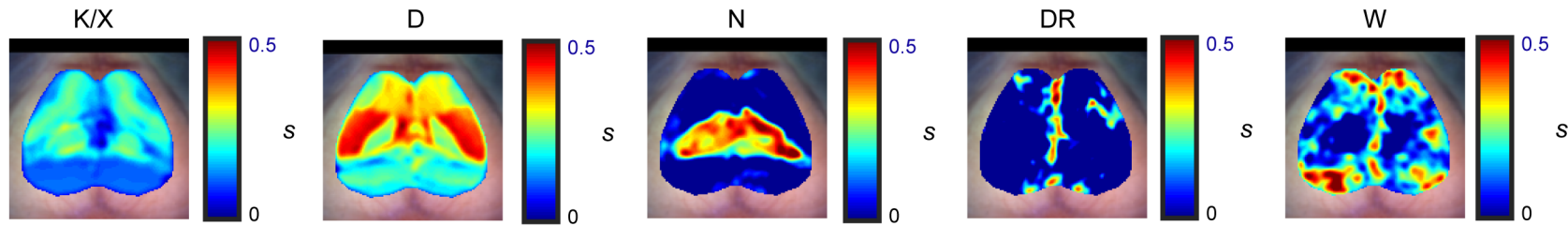


A



B

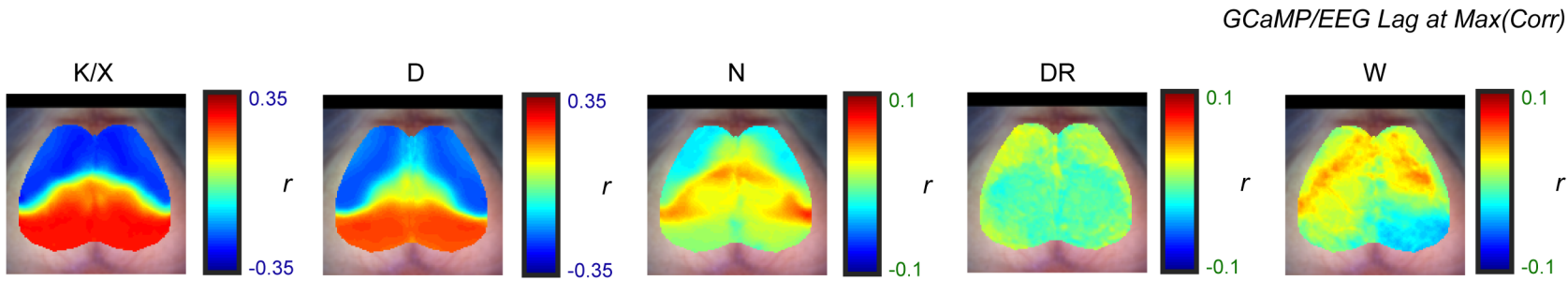
*GCaMP/EEG Lag at Max(Corr)**Zero Lag GCaMP/EEG Corr*

Figure S4. PCs 1-3 correlate with delta EEG activity. A) Average shift (n=5) necessary to maximally cross-correlate the summed first 3 delta GCaMP6 PCs with the delta EEG trace. Lags were smoothed with a 2 x 2 Gaussian filter. B) Average (n=5) zero-lag cross correlations between the summed first 3 delta GCaMP6 PCs and delta EEG.