(a) Distribution of un-normalised damping distribution area

(b) Group-level EC - EO damping distribution area - data set 1

(c) Group-level EC - EO damping distribution area - data set 2

S1 Fig. EC and EO distribution and topogrpahic variation of the un-normalised area of the damping probability distribution ('c' constant). **(a)** Pooled data analysis of the distribution of the constant 'c' in EC and EO states. The constant 'c' in Eq (14) can be calculated by finding the normalisation constant for the EC/EO damping distributions i.e. $1/A_{damp}$ where A_{damp} is the non-normalised area of the estimated distribution of dampings. We note that there is no obvious difference in the distribution of the constant between resting states. **(b-c)** Topographic variation in the group-level difference in the constant between EC and EO states across data set 1 and 2. No statistically signifcant differences between states were found when using non-parametric permutation methods.