$$\frac{dx_i}{dt} = f(x_i; \boldsymbol{\theta}) + G(\mathbf{x}; W, \boldsymbol{\theta})$$

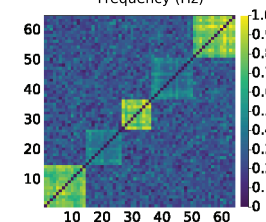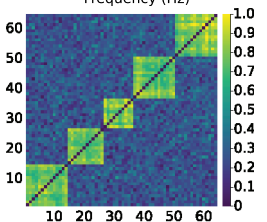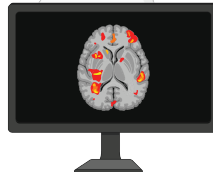Fit modeling parameters to empirical data

Control

Disease
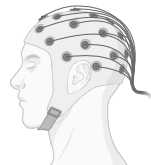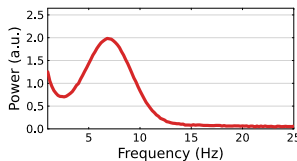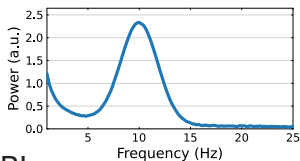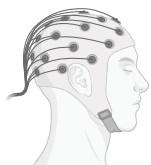
EEG/MEG/fMRI

EEG/MEG/fMRI

Compare optimal parameters between control and disease