rishimodel\_generatefigs\_rate.m file generates figures for the rate models.

rishimodelpython\_brian2\_spiking. py and rishimodel\_generatefigs\_spiking.py run simulations and generate figures for the spiking models.

consciousness.py is similar to the code in rishimodelpython\_brian2\_spiking. py which generates the conscious processing figure, and this data is compiled in cons\_analyzedata.py