Weights and Trajectories (Epoch 38) **RNN** Weights Left Hemisphere Trajectory Right Hemisphere Trajectory 1.0 -1.0 Positive weights/bias RNN Weight Visualization: L=1.0, R=0.2 Negative weights/bias 0.5 0.5 Unit 2 activity Unit 4 activity -0.5-0.5-1.0-1.0Left trial --- Left trial -1.5- Right trial Right trial -1.50.5 -1.0-0.50.0 0.5 1.0 -0.50.0 1.0 Unit 1 activity Unit 3 activity Left/Right Hemisphere Readout Accuracy 1.0 0.9 Accuracy (Control) 9.0 8.0 8.0 0.5 Left Readout Accuracy Right Readout Accuracy 0.4 10 15 20 25 30 35 38 40

Epoch

Arrow thickness  $\propto$  |weight| (linear scale: 0.1 to 8.0) | Input weights scaled by amp: L=1.0, R=0.2 | Node color: red=positive bias, blue=negative bias | Node alpha: darker = larger |bias|