Weights and Trajectories (Epoch 39) **RNN** Weights Left Hemisphere Trajectory Right Hemisphere Trajectory - Left trial Left trial 0.8 -- Right trial Positive weights/bias Right trial RNN Weight Visualization: L=1.0, R=0.2 Negative weights/bias 1.0 0.6 0.4 0.5 Unit 2 activity Unit 4 activity 0.2 0.0 -0.2-0.4-0.6 --1.0-0.8 -0.5 1.0 -0.20.2 -1.0-0.50.0 0.0 0.4 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 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 = |arger |bias| Left Readout Accuracy Right Readout Accuracy 0.4 10 15 20 25 30 35 3940 Epoch