Weights and Trajectories (Epoch 39) **RNN** Weights Left Hemisphere Trajectory Right Hemisphere Trajectory 1.00 Left trial 1.00 Positive weights/bias Right trial RNN Weight Visualization: L=1.0, R=1.0 Negative weights/bias 0.75 0.75 0.50 0.50 Unit 4 activity Unit 2 activity 0.25 0.25 0.00 0.00 -0.25-0.25-0.50-0.50-0.75-0.75-- Left trial Right trial -1.00-1.00-0.50.5 0.0 -1.0-0.50.0 0.5 Unit 1 activity Unit 3 activity Left/Right Hemisphere Readout Accuracy Right Readout Accuracy Left 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=1.0 | Node color: red=positive bias, blue=negative bias | Node alpha: darker = |arger |bias| 0.4 10 15 20 25 30 35 3940

**Epoch**