Weights and Trajectories (Epoch 8) **RNN** Weights Left Hemisphere Trajectory Right Hemisphere Trajectory 0.15 -1.5 Left trial Left trial --- Right trial Positive weights/bias - Right trial RNN Weight Visualization: L=1.0, R=0.2 0.10 Negative weights/bias 1.0 0.05 Unit 2 activity Unit 4 activity 0.5 0.00 -0.05-0.10-0.5-0.15-0.20 -1.0-0.50.5 0.02 0.04 0.06 0.0 0.00 Unit 1 activity Unit 3 activity Left/Right Hemisphere Readout Accuracy R1 1.0 0.9 Accuracy (Control) 9.0 8.0 9.0 OUT 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 40 8 Epoch