Weights and Trajectories (Epoch 33) **RNN** Weights Left Hemisphere Trajectory Right Hemisphere Trajectory 0.8 ---- Left trial 1.0 Positive weights/bias - Right trial RNN Weight Visualization: L=1.0, R=0.2 Negative weights/bias 0.6 0.5 0.4 Unit 2 activity Unit 4 activity 0.2 Left trial 0.0 --- Right trial -0.2-0.5-0.4-0.6-1.0-0.80.5 0.2 0.4 -1.0-0.50.0 1.0 -0.20.0 -0.4Unit 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) 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 33 35 40

Epoch