Alignment of recurrent weights to optimal solution over training (Left Hemisphere: 1.0, Right Hemisphere) Right Hemisphere Seed 0 Seed 1 Seed 2 Seed 3 1.00 1.00 1.00 1.00 1.00 0.75 0.75 0.75 0.75 0.75 0.50 0.50 0.50 0.50 0.50 Cosine Similarity Cosine Similarity Cosine Similarity **Cosine Similarity Cosine Similarity** 0.25 0.25 0.25 0.25 0.25 0.00 0.00 0.00 0.00 0.00 -0.25-0.25-0.25-0.25-0.25 -0.50-0.50-0.50-0.50-0.50-0.75-0.75-0.75-0.75-0.75-1.00-1.00-1.00-1.00-1.00200 400 200 400 200 400 200 400 200 400 Epoch Epoch **Epoch Epoch Epoch** Seed 5 Seed 6 Seed 7 Seed 8 Seed 9 1.00 1.00 1.00 1.00 1.00 0.75 -0.75 0.75 0.75 0.75 0.50 0.50 0.50 0.50 0.50 Cosine Similarity Cosine Similarity Cosine Similarity **Cosine Similarity Cosine Similarity** 0.25 0.25 0.25 0.25 0.25 0.00 0.00 0.00 0.00 0.00 -0.25-0.25-0.25-0.25 -0.25 -0.50-0.50-0.50-0.50-0.50-0.75 --0.75-0.75-0.75-0.75-1.00-1.00-1.00 --1.00-1.00200 400 200 400 200 400 200 400 200 400 Epoch Epoch Epoch **Epoch Epoch**