Successive Halving Results for LSTM (Top-1) Top-1 Hit Probability (LSTM) Regret (LSTM) 1.0 0.20 Probability of 0.0 of 0.0 of 0.0 of 0.0 0.15 Regret 01.0 0.05 0.0 0.00 20 30 50 70 75 100 30 50 70 75 100 **Epoch Budget Epoch Budget**