Reward vs. Draws for Bayes Agents Belief Update Rule Bayes Good **Policy Threshold** 0.6 Optimal Threshold 0.0 Mean reward (n = 10000) Threshold 0.3 0.4 Threshold 0.6 Threshold 0.9 0.2 0.0 -0.2 -0.4 Popper Schupbach 0.6 Mean reward (n = 10000) 0.4 0.2 0.0 -0.2 -0.4 20 40 60 80 100 0 20 40 60 80 100 0 **Balls Drawn from Urn Balls Drawn from Urn**