DroneBasedReforestation Train & Test Metrics: Difficulty: 5, Task: 2 Entropy Out of Energy Count Tree Drop Count Recharge Energy Count Save Location Count Cumulative Distance Until Tree Drop 0.05 0.05 -0.05 source source source source source 400 -200 --- training training training training --- training 9<u>n</u> 1.44 -0.00 0.00 0.00 test test test training test 1.42 -0.050.75 1.00 1.25 0.50 1.00 0.50 1.00 1.25 0.75 1.00 0.25 0.50 0.75 1.00 1.25 0.00 0.25 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.75 0.00 0.50 1.25 0.00 1e6 1e6 1e6 1e6 Step Step 1e6 Step 1e6 Step Step Cumulative Tree Drop Reward **Cumulative Distance Reward** Cumulative Normalized Distance Until Tree Drop Cumulative Distance to Existing Trees Episode Length Curiosity Value Estimate 0.05 -0.05 0.05 source source source source source training training training - training training Value 0.00 0.00 0.00 ਹੁੰ 0.5 test test test -0.05-0.05-0.050.50 0.75 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.00 0.75 1.00 0.00 0.25 1.00 0.25 0.50 0.75 1.00 1.25 0.00 0.25 1.00 1.25 1e6 1e6 1e6 1e6 Step 1e6 Step 1e6 Step Step Step Extrinsic Value Estimate Cumulative Reward **Curiosity Reward Extrinsic Reward** Policy Loss Value Loss source source source source training training Value of the Value Value source 9 20 1 20 test 0.00 0.25 0.00 0.25 0.50 0.75 1.00 0.25 0.50 0.75 1.00 1.25 0.75 1.00 0.50 1.00 1.25 0.00 0.25 0.50 1.00 0.25 1.00 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Step **Epsilon** Curiosity Forward Loss **Curiosity Inverse Loss** Learning Rate Beta 0.20 source source source source 0.004 စ္ 0.0002 training training training training 9 0.15 0.002 test test test 0.000 0.0000 -1.00 0.00 0.25 0.50 0.75 1.00 0.25 0.50 0.75 1.00 0.00 0.25 1.00 0.25 0.25 0.50 0.00 1e6 1e6 1e6 1e6 Step 1e6