DroneBasedReforestation Train & Test Metrics: Difficulty: 8, Task: 2 Entropy Tree Drop Count Recharge Energy Count Save Location Count Out of Energy Count Cumulative Distance Until Tree Drop 0.05 0.05 source source source source Value Value -- training training training --- training 9 1.44 8 1.44 source 0.00 0.00 0.00 test test test training test 1.42 -0.050.50 0.75 1.00 1.25 1.00 0.50 1.00 1.25 0.75 1.00 1.25 0.25 0.50 0.75 1.00 1.25 0.25 0.00 0.25 0.50 0.75 0.00 1.00 0.00 0.25 0.75 0.00 0.25 0.50 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 o.5 0.00 0.00 0.00 test test test training -0.05-0.05-0.050.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.75 1.00 0.00 0.25 0.50 1.00 0.25 0.50 0.75 1.00 1.25 0.00 0.25 0.50 0.75 1.00 1.25 1e6 1e6 1e6 Step 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 source source training training 9 20 9 20 training training training g 20 test 0.00 0.25 0.50 0.75 1.00 0.25 0.50 0.75 1.00 1.25 0.00 0.25 0.50 0.75 1.00 1.25 0.00 0.25 0.50 0.75 1.00 1.25 0.25 0.50 0.75 1.00 0.25 1.00 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Step 1e6 **Epsilon** Curiosity Forward Loss **Curiosity Inverse Loss** Learning Rate Beta 0.20 source source 0.004 စ္ 0.0002 training training 0.15 source test 0.002 training 0.0000 -0.000 1.00 0.00 1.00 0.50 0.25 1.00 0.25 0.75 1.00 0.25 0.25 0.25 0.00 0.50 0.75 0.50 1e6 1e6 1e6 1e6 Step 1e6