DroneBasedReforestation Train & Test Metrics: Difficulty: 1, Task: 2 Out of Energy Count Entropy Tree Drop Count Recharge Energy Count Save Location Count Cumulative Distance Until Tree Drop 0.05 0.05 +source source source source source 400 --- training training training --- training source 0.00 0.00 0.00 <u>s</u> 200 test test 1.42 --0.05-0.050.50 0.75 1.00 1.25 0.75 1.00 0.25 0.50 0.75 1.00 1.25 0.75 1.00 0.25 0.75 1.00 1.25 0.00 0.25 0.00 0.25 0.50 1.00 0.00 0.00 0.25 0.50 1.25 0.00 0.50 1e6 1e6 1e6 Step Step 1e6 Step 1e6 Step 1e6 Step Cumulative Tree Drop Reward Cumulative Normalized Distance Until Tree Drop Curiosity Value Estimate **Cumulative Distance Reward** Cumulative Distance to Existing Trees **Episode Length** 0.05 -0.05 0.05 source source source source source training training training training training source 0.00 0.00 0.00 ਹੁੰਡੇ 0.5 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 0.50 0.75 1.00 1.25 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 1e6 Step 1e6 Step 1e6 Step Step Step Step Extrinsic Value Estimate Cumulative Reward **Curiosity Reward Extrinsic Reward** Policy Loss Value Loss source source source 0.03 source Value . training training 를 20 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 0.25 0.50 0.75 1.00 1.25 0.00 0.25 0.75 1.00 1.25 0.50 1.00 1.25 1.00 0.25 0.50 0.75 1e6 Step 1e6 Step 1e6 Step Step 1e6 Step 1e6 Step **Epsilon Curiosity Forward Loss** Learning Rate Beta Curiosity Inverse Loss 0.20 source source source source source 0.50 0.004 စ္ 0.0002 training training training 9 0.25 - training training 0.15 <u>s</u> 0.002 test test test 0.000 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.25 0.50 0.75 1.00 0.00 1.00 0.25 0.25 0.25 1e6 1e6 1e6 1e6 Step 1e6