AerialWildfireSuppression Train & Test Metrics: Difficulty: 5, Task: 2 Entropy Water Pickup Water Drop **Preparing Trees Extinguishing Trees Reward** Preparing Trees Reward 1.6 source source source source source source 79 Na Value 50 -₀ 100 - training training training 0.0 1.0 1.5 0.0 1.0 1.5 0.0 1.0 0.0 1.5 0.0 1.5 1.5 1e6 1e6 Step 1e6 1e6 1e6 Step Step Step Step 1e6 Step Fire too Close to City Crash Count **Extinguishing Trees** Fire Out Episode Length Extrinsic Value Estimate 1.0 source source source 500 Nalue con Nalue o.5 training ₫ 2000 0.5 -<u>®</u> 250 · training 1000 test 0.0 1.0 1.0 1.5 0.0 0.5 1.5 0.5 1.0 1.5 0.5 1.0 1.5 0.5 1.5 1.0 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Step 1e6 **Cumulative Reward Extrinsic Reward** Policy Loss Value Loss Learning Rate **Epsilon** 0.20 -0.06 source source 40000 source source source \langle \frac{1}{2} \text{Value} training training training 9 20000 Nalue - 21.0 0.05 test test 0.04 0.0000 0.0 0.0 0.0 1.0 1.5 0.5 1.0 1.5 1.0 1.0 0.5 1.5 0.5 0.0 1e6 1e6 1e6 Step Step Step 1e6 Step Step 1e6 1e6 Step Beta source 0.004 0.002 training test 0.000 1.0 1.5 0.0 0.5

1e6

Step