## AerialWildfireSuppression Train & Test Metrics: Difficulty: 4, Task: 1 Water Pickup Water Drop **Preparing Trees Extinguishing Trees Reward** Entropy Preparing Trees Reward source source source source source source Value 05 \langle \frac{1000}{2} Na 1000 training training training 9 1.6 0.5 0.0 1.0 1.5 0.0 0.5 1.0 0.0 1.5 0.0 1.0 1.5 1.5 1e6 1e6 Step 1e6 1e6 1e6 Step Step Step Step 1e6 Step Fire too Close to City Crash Count Extrinsic Value Estimate **Extinguishing Trees** Fire Out Episode Length 1.0 source source source — training training training o.5 Value con Name ម្ម 2000 9 0.5 training test test 1.0 0.5 1.0 1.5 0.0 1.5 0.5 1.0 1.5 1.0 1.5 1.5 0.0 1e6 Step 1e6 Step Step 1e6 Step 1e6 Step 1e6 Step 1e6 **Cumulative Reward** Extrinsic Reward Policy Loss Value Loss Learning Rate Epsilon 1e6 10000 -10000 -0.20 1.0 -0.06 source source source source <u>υ</u> 0.0002 training training training 8 Agree 5000 Value 0.05 9 0.15 source 5000 0.5 test test training 0.04 test 0.0000 0.0 0.0 0.5 1.5 0.0 1.5 1.0 1.5 0.5 1.0 1.5 0.5 1.0 1.0 1.0 0.5 1.0 0.0 0.5 0.0 1e6 1e6 1e6 Step Step 1e6 Step Step 1e6 Step 1e6 Step Beta source 0.004 0.002 training

test

1.5

1e6

1.0

Step

0.5

0.000

0.0