## AerialWildfireSuppression Train & Test Metrics: Difficulty: 1, Task: 2 Water Pickup Water Drop **Preparing Trees** Extinguishing Trees Reward Entropy **Preparing Trees Reward** 40000 source source source source source source 1.50 Value Value training training Value 005 20000 200 × 0.0 1.5 0.5 0.5 1.0 0.0 1.0 1.5 0.0 0.0 1.0 1.5 0.0 1.0 1.5 1.0 1.5 1e6 1e6 Step 1e6 1e6 Step 1e6 Step Step 1e6 Step Step Fire too Close to City Crash Count **Extinguishing Trees** Fire Out Extrinsic Value Estimate Episode Length source source source source source training ម្ម 2000 Value 05 o.5 Value 6.0 Value -9 0.5 -1000 test 1.5 1.0 0.0 1.0 1.5 0.0 0.5 1.0 1.0 1.5 0.0 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 0.06 0.20 source source source 40000 August 20000 40000 <u>v</u> 0.0002 training 20000 -Value . 50.0 Nalue - 21.0 source test training 0.04 test 0.0000 0.0 0.0 1.5 1.0 1.5 0.5 1.0 1.5 1.0 1.0 0.0 1.5 0.0 0.5 0.0 1e6 1e6 Step 1e6 Step 1e6 Step Step 1e6 Step 1e6 Step Beta source 0.004 0.002 training test 0.000

1.0

Step

0.5

0.0

1.5

1e6