AerialWildfireSuppression Train & Test Metrics: Difficulty: 8, Task: 2 Entropy Water Drop Water Pickup **Extinguishing Trees Reward Preparing Trees Reward Preparing Trees** 40 source 100000 source 2000 source source 1000 source 9<u>1</u> 1.45 Ne Value training Value training training training a 1000 training 50000 test 1.40 0.0 1.5 1.5 0.5 1.0 0.0 0.5 0.0 1.5 0.0 1.0 1.0 1.5 0.5 1e6 1e6 1e6 1e6 1e6 1e6 Step Step Step Step Step Step Fire too Close to City Crash Count Extrinsic Value Estimate **Extinguishing Trees Episode Length** Fire Out source source 0.50 ^H MA 200 training <u>യ</u> 2000 o.5 source <u> 2000</u> ₹ 100 · o.25 test test 0.00 1.5 0.0 1.0 0.0 1.0 1.5 0.5 1.0 1.5 0.0 1.5 0.0 0.5 1.5 0.0 1.0 1e6 Step 1e6 Step Step 1e6 Step 1e6 Step 1e6 Step 1e6 **Cumulative Reward** Extrinsic Reward Policy Loss Value Loss Learning Rate Epsilon 1e6 0.20 -100000 100000 source source source υ 0.0002 training training o.15 source 50000 = 0.04 × test training test 0.03 0.0000 0.10 0.0 0.5 1.5 0.5 1.5 0.0 0.5 1.0 1.5 1.0 1.0 0.0 1.0 0.0 1.0 1e6 1e6 1e6 1e6 1e6 Step Step Step 1e6 Step Step Step Beta

source

1.5

1e6

1.0

Step

0.5

training

0.004

0.000

0.0

0.002