AerialWildfireSuppression Train & Test Metrics: Difficulty: 5, Task: 2 **Extinguishing Trees Reward** Water Drop Water Pickup **Preparing Trees** Entropy Preparing Trees Reward source source source source source source 40 9 1.50 - J <u> 역</u> 50000 training Value - 005 <u>y</u> 20 Valu 1.45 1.5 0.0 0.5 1.0 0.0 1.0 1.5 0.0 0.0 1.0 1.5 0.0 1.5 1.5 1e6 1e6 1e6 1e6 1e6 Step Step Step Step Step 1e6 Step Fire too Close to City Crash Count **Extinguishing Trees** Fire Out Episode Length Extrinsic Value Estimate 4000 source source source source source و 0.50 ^ل training training Nalue - 5.0 Na Value training 单 2000 training Value 7000 -= 0.25 · 1000 0.00 0.5 1.5 1.5 1.0 1.0 1.5 0.0 1.0 0.0 0.5 1.0 0.0 0.5 1.0 1.5 0.0 1.5 0.0 1.0 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Step 1e6 **Cumulative Reward Extrinsic Reward** Policy Loss Learning Rate Epsilon Value Loss 0.20 source source source Value (100005) 50000 <u>υ</u> 0.0002 training training Nalue source 0.04 test training test 0.0000 0.02 0.0 0.5 0.0 1.5 1.5 1.0 1.5 0.5 1.0 1.5 1.0 1.5 0.0 1.0 1.0 0.0 1.0 0.0 0.5 0.0 1e6 1e6 1e6 1e6 Step 1e6 Step Step Step Step 1e6 Step Beta

source

1.5

1e6

1.0

Step

0.5

trainingtest

0.004

0.000

0.0

0.002