AerialWildfireSuppression Train & Test Metrics: Difficulty: 2, Task: 2 Entropy Water Pickup Water Drop Preparing Trees **Extinguishing Trees Reward** Preparing Trees Reward source source source source source source 1.55 50000 1000 Value 5 \langle \frac{\langle \langle training training New 25000 training training n 250 test 500 1.45 0.0 1.0 0.5 1.5 0.0 1.0 1.5 0.0 0.0 0.5 1.0 1.5 0.0 1.0 1.5 1.0 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** 3000 source source source 2000 9 0.50 J Value - 5.0 ₾ 2000 A 1000 source source 0.5 · 7 So = 0.25 · training training 1000 test test 0.00 1.5 1.0 1.0 0.0 1.0 1.5 0.5 1.0 1.5 0.0 0.5 1.5 0.0 0.0 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 1e6 0.20 0.06 50000 50000 source source source source υ 0.0002 training training training 9 25000 9 25000 -Nalue - 21.0 source test training test 0.04 0.0000 0.0 0.0 1.5 0.0 1.0 1.5 0.5 1.0 1.5 1.0 0.0 1.0 1.0 0.5 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

1.5

1e6

1.0

Step

0.5

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