AerialWildfireSuppression Train & Test Metrics: Difficulty: 6, Task: 1 Entropy Water Pickup **Preparing Trees Extinguishing Trees Reward** Water Drop Preparing Trees Reward 10000 1.50 source source source source source Value 100 · training training Value | 100 Value -9 2000 -1.45 0.0 0.5 0.5 1.0 1.5 1.5 1.0 1.5 0.0 0.0 1.5 0.5 1.0 1e6 1e6 Step 1e6 1e6 1e6 1e6 Step Step Step Step Step **Extinguishing Trees** Fire too Close to City Crash Count Fire Out Episode Length Extrinsic Value Estimate 200 1.0 200 source source 9 2000 · Value 100 o.5 training Nalue Value 9 100 training test 0.5 1.5 0.0 1.0 1.5 1.5 0.0 1.0 0.5 1.5 0.0 0.5 1.0 1.5 1e6 Step 1e6 Step Step 1e6 Step 1e6 Step 1e6 Step 1e6 **Cumulative Reward** Extrinsic Reward Policy Loss Value Loss Learning Rate Epsilon 10000 1 10000 -0.06 source source source source Value training e No.0 training Value 500000 -9 0.15 source 5000 test training training test 0.0000 0.10 0.0 0.5 1.5 1.5 0.5 1.5 0.0 0.5 1.0 1.5 1.0 0.5 1.0 1.0 1e6 1e6 1e6 1e6 1e6 1e6 Step Step Step Step Step Step Beta source 0.004 0.002 training 0.000

1.0

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Step

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0.0