AerialWildfireSuppression Train & Test Metrics: Difficulty: 10, Task: 4 Extinguishing Trees Reward Entropy Water Drop Water Pickup **Preparing Trees Preparing Trees Reward** 200 -2000 source source source source 1.50 training training training en 100 -9 100 -Value 1000 -500 -₹ 1000 · test 0.0 0.5 1.0 1.5 1.5 0.5 1.5 0.5 1.0 1.5 1.0 1.5 1e6 1e6 1e6 1e6 1e6 1e6 Step Step Step Step Step Step Fire too Close to City Crash Count Episode Length **Extinguishing Trees** Fire Out Extrinsic Value Estimate 1.0 -100 -200 source source source training o.5 Value 0.5 /alne - 001 0.5 training test 1.0 0.0 0.5 1.0 1.5 0.5 1.5 0.0 0.5 1.0 1.5 0.0 1.5 0.0 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 5000 0.06 source source source source 0.0002 Value 1000 _] Value 1000 ₁ training Nalue - 0.15 source 0.05 <u>¬</u> 2500 test training 0.04 test 0.0000 0.0 0.0 0.5 1.0 1.5 0.0 0.5 1.0 1.5 0.5 1.0 1.5 1.0 0.0 1.5 1e6 1e6 1e6 1e6 1e6 Step Step Step Step 1e6 Step Step Beta source 0.004 Value 0.002 training 0.000 -0.5 1.0 0.0 1.5

Step

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