AerialWildfireSuppression Train & Test Metrics: Difficulty: 8, Task: 2 Entropy Extinguishing Trees Reward Water Drop Water Pickup **Preparing Trees Preparing Trees Reward** 200 -1000 source source source source source source 10000 2000 - training training training training Na 100 -9 100 -<u>₹</u> 1000 · 500 test 5000 1.40 0.0 0.5 1.0 1.5 0.0 1.0 1.5 0.0 1.0 0.0 1.5 0.0 1.5 1.5 1e6 1e6 Step 1e6 1e6 1e6 Step Step Step Step 1e6 Step Fire too Close to City Crash Count **Extinguishing Trees** Fire Out Episode Length Extrinsic Value Estimate 1.0 source source source source training o.5 Value . source source 0.5 -ਭੂ 100 training training test 1.0 1.0 1.5 0.0 0.5 1.0 1.5 0.5 1.0 1.5 0.0 0.5 1.5 1.5 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 0.20 0.06 source source source source 40000 <u>υ</u> 0.0002 training training Value - 10000 -Value 10000 · Nalue - 21.0 source 0.04 · 20000 test training test 0.0000 0.02 0.0 0.0 0.5 1.5 1.0 1.5 0.5 1.0 1.5 1.0 1.0 1.5 0.0 0.5 0.0 1e6 1e6 1e6 Step Step Step 1e6 Step Step 1e6 1e6 Step Beta source 0.004 0.002 training test 0.000 1.0 0.5 1.5 0.0

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Step