AerialWildfireSuppression Train & Test Metrics: Difficulty: 10, Task: 1 Entropy Water Drop Water Pickup **Extinguishing Trees Reward** Preparing Trees Reward **Preparing Trees** 2000 -10000 source source source source source source 9 1.45 1.40 training training training Value 001 Value 001 9 1000 training ਭੂ 1000 -5000 test 0.0 0.5 1.0 1.5 0.0 0.5 1.5 0.0 0.0 1.5 0.5 1.0 1.5 1e6 1e6 Step 1e6 1e6 Step 1e6 1e6 Step Step Step Step Fire too Close to City Crash Count **Extinguishing Trees** Fire Out Episode Length Extrinsic Value Estimate 3000 1.0 200 source source 200 -Value 0.5 training Value 6.0 Value - 5.0 g 2000 Nalue - 001 source] 100 training training 1000 test test 1.5 0.0 1.0 1.5 1.5 0.5 0.5 1.5 0.0 1.0 1.5 0.0 0.5 1e6 Step 1e6 Step 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 Value 1. 00001 \langle \quad \qua 500000 0.0002 Nalue training training training training 9<u>ne</u> 0.04 250000 · 9 0.15 test test test training test 0.0000 0.10 0.0 0.0 1.0 0.0 0.5 1.5 0.5 1.0 1.5 0.0 0.5 1.0 1.5 1.0 1.5 1.0 1e6 1e6 1e6 1e6 1e6 1e6 Step Step Step Step Step Step Beta source 0.004 0.002 training

0.000

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1.0

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Step

0.5