AerialWildfireSuppression Train & Test Metrics: Difficulty: 4, Task: 2 Entropy Water Drop Water Pickup **Preparing Trees Extinguishing Trees Reward** Preparing Trees Reward 1.50 -1000 source source source source source source 10000 2000 100 training training training training 9<u>n</u> 1.45 ₹ 1000 · 500 5000 50 1.40 1.5 0.5 0.0 0.5 1.0 0.0 1.0 1.5 0.0 1.0 0.0 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 500 training training 0.5 • training Value con Value ₫ 2000 source 0.5 ਭੂ 100 **1** 250 training 1000 test 1.0 1.0 1.5 0.0 1.5 0.0 0.5 1.0 1.5 0.5 1.0 1.5 0.5 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 40000 0.06 10000 source source 10000 <u>υ</u> 0.0002 training training <u>al ve</u> 5000 -Value 2000 Value Nalue - 21.0 source 20000 test training 0.04 test 0.0000 0.0 0.0 0.5 1.0 1.5 0.5 1.0 1.5 1.0 1.0 1.5 0.0 0.5 0.0 1e6 1e6 Step 1e6 Step 1e6 Step Step 1e6 Step 1e6 Step Beta source 0.004 0.002 training test

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Step

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1e6

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