## AerialWildfireSuppression Train & Test Metrics: Difficulty: 4, Task: 6 Entropy Water Drop Water Pickup Extinguishing Trees Reward **Preparing Trees Reward Preparing Trees** 1.00 300 0.010 source source 50 source training 0.75 o.005 \_\_\_ training 200 -Value 25 training 9 200 € <u>n</u> 1.5 -를 100 1 · test test training 0.000 1.5 0.0 1.5 1.0 1.5 0.0 0.0 0.0 1.0 1.5 0.5 1.0 0.5 1.0 0.0 0.5 1.0 0.5 1.0 1.5 1e6 1e6 1e6 1e6 1e6 1e6 Step Step Step Step Step Step Fire too Close to City **Extinguishing Trees** Fire Out Crash Count Episode Length Extrinsic Value Estimate 0.05 0.05 source source source source source Value 7000 · training training — training training Value Value 0.00 test test training test -0.05 --0.05 0.0 0.0 0.0 0.5 1.5 0.0 1.5 0.0 1.5 0.0 1.0 1.5 0.0 0.5 1.5 1.0 0.5 0.5 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 0.06 source source source source 10000 2000.0 Aalue training training training Value 500 <sub>1</sub> Value - 005 Value 20.0 on long | 0.15 -Value 5000 test test training training test test 0.04 0.0000 0.0 0.5 1.5 0.5 1.5 0.0 1.5 1.5 0.0 1.0 1.5 0.5 1.0 1.5 1.0 0.0 1.0 0.5 1.0 0.0 0.0 1e6 1e6 1e6 1e6 Step 1e6 Step Step Step Step 1e6 Step Beta source 0.004 Value 0.002 training

0.000 -

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Step

1.5

1e6