## AerialWildfireSuppression Train & Test Metrics: Difficulty: 8, Task: 1 Water Pickup Entropy Water Drop **Preparing Trees Extinguishing Trees Reward** Preparing Trees Reward source source source source source 1.50 100 100 Value Value source training 9<u>n</u> S 1.45 Value 2000 · training 50 50 1.40 1.5 0.5 0.0 1.0 1.5 0.0 0.5 1.0 0.0 1.5 0.5 1.0 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 source source source 0.5 training Value 6.0 o.5 · ₫ 2000 001 Ne training test 1.5 0.0 1.0 0.5 1.5 1.5 0.5 1.0 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 0.06 10000 10000 source source source 500000 Value Value Value training training <u>a</u> 250000 -9 No.04 training Value 2000 9 0.15 source test training 0.10 0.0000 0.02 0.0 0.0 0.5 0.5 1.5 0.5 1.0 1.5 0.0 0.5 1.0 1.5 1.0 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

1.0

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Step

0.5

0.0