AerialWildfireSuppression Train & Test Metrics: Difficulty: 3, Task: 1 Entropy Water Drop Water Pickup **Extinguishing Trees Reward Preparing Trees Reward Preparing Trees** 1.50 source source source source source 2000 -9 1000 -2000 source training e N 1.45 Value 05 Value 9 5000 · training <u>®</u> 1000 -0.0 0.5 1.0 0.0 0.5 1.5 0.0 0.0 1.5 0.5 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 1.0 source 200 source training Value 100 0.5 o.5 os value 9 100 training test 1.5 1.0 1.5 1.5 0.5 1.0 0.0 0.5 1.5 0.0 1.0 1.5 0.0 0.0 0.5 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 10000 10000 200000 source source source source training training training 9 No.04 8 Nalue 5000 Nalue 5000 9 100000 · 9 0.15 source source test training training test 0.0000 0.10 0.0 1.0 1.5 0.5 1.0 1.5 0.0 0.5 1.0 1.5 1.0 0.5 1.0 1.5 1e6 1e6 1e6 1e6 1e6 1e6 Step Step Step Step Step Step Beta source 0.004 0.002 training

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