AerialWildfireSuppression Train & Test Metrics: Difficulty: 3, Task: 5 Entropy Water Drop Water Pickup **Preparing Trees Extinguishing Trees Reward Preparing Trees Reward** 1.000 -0.05 0.05 -0.05 0.05 source source source source source — training training training training training Value Value 0.975 -Value source 0.00 0.00 — test test — test — test training 0.950 test -0.05-0.05-0.05-0.051.5 0.0 1.5 1.5 1.5 0.0 0.5 0.0 0.5 0.5 0.0 1.0 0.5 1.5 1.0 1.5 1.0 1.0 0.5 1.0 0.0 0.5 0.0 1.0 1e6 1e6 1e6 1e6 1e6 1e6 Step Step Step Step Step Step **Extinguishing Trees** Fire Out Fire too Close to City Crash Count Episode Length Extrinsic Value Estimate 0.05 0.05 0.05 50 source source source source training training training training 0.00 0.01 <u>9</u> 200 source source 0.00 0.00 ₹ 25 · test test training training 150 test test -0.05 --0.05 -0.051.5 1.0 1.5 0.0 1.5 0.0 0.5 1.5 0.5 0.0 1.5 0.0 0.5 1.5 0.0 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** 0.06 -0.20 source source source <u>v</u> 0.0002 training training Nalue Value 9 200 -Value Value Value - 50.0 Nalue - 0.15 source source source test test training training training 92 92 test test test 0.04 0.0000 0.5 0.0 1.0 1.5 0.0 0.5 1.5 1.5 0.0 0.5 1.5 0.0 0.5 1.0 1.5 0.5 1.0 1.5 1.0 0.5 1.0 1.0 0.0 1e6 1e6 1e6 1e6 1e6 Step 1e6 Step Step Step Step Step Beta source 0.004 training 8 0.002 · test

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