AerialWildfireSuppression Train & Test Metrics: Difficulty: 2, 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 1.6 source source source source source — training training 00.0 Alue training training training Value 0.975 -Value Value source 0.00 0.00 — test test — test — test training 0.950 test -0.05-0.05-0.051.5 0.0 0.5 1.5 1.5 0.0 0.0 0.5 1.5 0.0 1.0 0.5 1.5 0.5 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 Episode Length Crash Count Extrinsic Value Estimate 0.05 0.05 0.05 50 source source source source source 250 0.02 -— training training training training training 0.00 Value on 200 source 0.00 0.00 ₹ 25 · test test test — tes<mark>t</mark> training 150 test -0.05 --0.05 -0.051.5 1.0 1.5 0.0 1.5 0.0 0.5 1.5 0.0 0.5 1.0 0.0 1.0 1.5 0.0 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 0.06 95 -95 source source source 400 <u>v</u> 0.0002 training training training - 002 Value Nalue - 0.15 -Value 06 source source source Value 70.05 × alr test test training training training test test test 0.04 0.0000 0.0 0.5 1.0 1.5 0.0 0.5 1.0 1.5 0.0 0.5 0.0 0.5 1.0 1.5 0.0 0.5 1.0 1.5 0.5 1.0 1.5 1.0 1.5 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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