AerialWildfireSuppression Train & Test Metrics: Difficulty: 1, Task: 8 Entropy Water Drop Water Pickup **Preparing Trees Extinguishing Trees Reward Preparing Trees Reward** 2.25 + 0.05 -0.05 0.05 -0.05 0.05 source source source source source — training 2.00 · training training training training Value Value Value Value 0.00 0.00 0.00 0.00 0.00 test — test test — test — test test -0.05 -0.05-0.05-0.05-0.050.0 1.5 1.5 1.5 0.5 0.5 1.5 1.0 0.5 1.5 0.5 1.0 1.5 0.0 1.0 0.0 1.0 0.0 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 Extrinsic Value Estimate Episode Length 0.05 0.05 0.05 20 source source source source training training training training 0.00 source 0.00 0.00 test test test training training test test -20 -0.05 --0.05 -0.051.0 1.5 0.0 1.5 0.0 0.5 1.5 0.0 0.5 1.5 0.0 0.5 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 -100 -100 0.06 source source source 2000.0 August 2000.0 training training training Value Value Value Nalue -90.04 test test training -100-100 0.0000 0.5 1.5 0.0 0.5 0.0 1.5 0.0 1.0 1.5 0.5 1.0 1.5 0.0 1.0 0.5 1.0 0.0 0.5 1.5 0.5 0.0 1e6 1e6 1e6 1e6 Step Step Step Step Step 1e6 1e6 Step Beta source 0.004 training 8 0.002 · test 0.000 0.5 1.0 1.5 0.0

Step

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