AerialWildfireSuppression Train & Test Metrics: Difficulty: 9, Task: 8 Entropy Water Drop Water Pickup **Preparing Trees Extinguishing Trees Reward Preparing Trees Reward** 0.05 -0.05 0.05 -0.05 0.05 source source source source source --- training training training training training Value Value Value Value Value source 0.00 0.00 0.00 0.00 0.00 test — test test — test — test training test -0.05 -0.05-0.05-0.05-0.051.5 1.5 1.5 0.5 0.5 1.5 1.0 0.5 1.5 0.0 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 too Close to City Fire Out Crash Count Extrinsic Value Estimate Episode Length 0.05 0.05 0.05 source source source source training training training 0.00 Value source 0.00 0.00 test test test training training test test -0.05-0.05 --0.05 0.0 0.5 1.0 1.5 0.0 1.5 0.5 1.5 0.0 0.5 1.5 0.5 1.0 1.5 0.0 1.0 1.5 0.0 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 source 100 100 \alpha \cdot training training Value Value 7 Nalue - 0.15 source test training training test -100 -1000.0000 0.5 1.0 1.5 0.0 0.5 0.0 0.5 1.5 1.5 0.0 0.5 1.0 1.5 0.5 1.0 1.5 0.0 1.0 1.0 0.0 0.5 0.0 1e6 1e6 1e6 1e6 Step 1e6 Step Step Step Step 1e6 Step Beta source 0.004 training 8 0.002 · test

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