AerialWildfireSuppression Train & Test Metrics: Difficulty: 8, Task: 6 Entropy Water Drop Water Pickup **Extinguishing Trees Reward Preparing Trees Reward Preparing Trees** 1.0 -1.6 -0.10 -300 source source 40 source training training training 7.5 \square 1.5 - 8.0 9 0.05 Value Value Value on value source source test training training training 0.6 -100 100 test test test 1.4 0.0 1.5 1.5 1.0 1.5 0.0 1.0 1.5 0.0 0.0 1.0 1.5 0.5 1.0 0.5 0.5 1.0 0.5 1.0 1.5 1e6 1e6 1e6 1e6 1e6 1e6 Step Step Step Step Step Step Episode Length Fire Out Fire too Close to City Extrinsic Value Estimate **Extinguishing Trees** Crash Count 0.05 0.05 200 source source source source source Value - . training training training training training Value Value source 0.00 ਭੂ 100 test test test test test training test -0.05 --0.05 0.0 0.0 0.0 0.5 1.5 0.0 1.5 0.0 0.5 1.5 0.0 0.5 1.0 1.5 0.0 0.5 1.5 1.0 0.5 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 -300 -300 source source 2000.0 Aalue Value 700 training training Value Value Na 10000 Nalue - 21.0 source source source source test training training training 0.04 test test test 0.0000 0.0 0.5 1.5 0.0 1.5 0.5 1.5 1.5 0.0 0.5 1.0 1.5 0.5 1.0 1.5 1.0 1.0 0.5 1.0 0.0 1.0 0.0 1e6 1e6 1e6 1e6 Step Step Step Step 1e6 Step 1e6 Step Beta source 0.004 Value 0.002 training

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Step

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