## AerialWildfireSuppression Train & Test Metrics: Difficulty: 2, Task: 6 Entropy Water Drop Water Pickup **Preparing Trees Extinguishing Trees Reward Preparing Trees Reward** source source source 0.010 \\ \frac{a}{\text{E}} \\ 0.005 1.6 -Nalne 1.5 training training training Value 8.0 150 · Value Value test training training test 100 100 0.000 0.0 0.0 1.5 1.5 1.5 0.0 1.5 0.5 1.0 0.0 0.5 1.0 0.5 1.0 1.0 0.0 0.5 0.5 1.0 1.5 1.0 1.5 1e6 1e6 1e6 1e6 1e6 1e6 Step Step Step Step Step Step Fire too Close to City **Extinguishing Trees** Fire Out Crash Count Episode Length Extrinsic Value Estimate 0.05 0.05 source source source source source \alpha \text{NaIne} \text{Value} training training training training Value 50 source 0.00 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 1.0 1.5 0.0 0.5 1.0 1.5 1.0 1.5 0.5 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Cumulative Reward Extrinsic Reward Policy Loss Value Loss Learning Rate Epsilon source source Value Value 5000 0.0002 training training 0.05 Nalue - 21.0 source <u>⊃</u>e 2500 test training training 100 100 test 0.04 0.0000 0.0 1.5 0.0 0.5 0.5 1.5 0.0 1.5 1.5 0.0 0.5 1.0 1.5 0.5 1.0 1.5 1.0 0.5 0.0 1.0 0.0 1e6 1e6 1e6 1e6 1e6 Step Step Step Step 1e6 Step Step Beta source 0.004 Value 0.002 training

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Step

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