## AerialWildfireSuppression Train & Test Metrics: Difficulty: 10, Task: 3 Entropy Water Drop Water Pickup **Preparing Trees** Extinguishing Trees Reward **Preparing Trees Reward** 200 source source source source 2000 1000 training 9 100 e 100 -Value 200 -No 1000 <u>®</u> 1000 0.0 0.5 1.0 1.5 0.0 1.5 1.5 0.0 1.5 1.0 1.5 1.0 1e6 1e6 Step 1e6 1e6 1e6 1e6 Step Step Step Step Step Episode Length Fire too Close to City **Extinguishing Trees** Fire Out Crash Count Extrinsic Value Estimate 1.0 source source source 9 2000 · o.5 source 0.5 · training training training test 0.0 0.5 1.0 1.5 1.5 0.0 0.5 1.5 1.0 1.5 1.0 1.5 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** a 2000 J source source 4000 2000 2000.0 Aalue o.04 \( \frac{1}{2} \) training Nalue - 21.0 source source S 2000 -<u>\$</u> 1000 -<u>s</u> 1000 training training test 0.0000 0.0 0.0 1.0 1.5 0.0 1.5 0.0 0.5 1.0 1.5 0.5 1.0 1.5 1.0 0.5 1.0 1e6 1e6 1e6 1e6 1e6 Step Step Step Step 1e6 Step Step Beta 0.004 9 0.002 source training 0.000 🕹 0.0 0.5 1.0 1.5 Step 1e6