AerialWildfireSuppression Train & Test Metrics: Difficulty: 10, Task: 5 Entropy Water Drop Water Pickup **Preparing Trees Extinguishing Trees Reward Preparing Trees Reward** 1.00 √ 0.05 0.05 -0.05 0.05 source source source source source source — training training training training training training Value Value Value Value $\frac{9}{8}$ 0.950.00 0.00 0.00 test test — test test — test — test 1.4 -0.05-0.05-0.05-0.051.5 0.5 1.5 1.5 1.5 0.0 0.0 0.5 0.0 0.0 1.0 0.5 1.5 0.5 1.0 1.5 1.0 1.0 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 Episode Length Extrinsic Value Estimate 0.05 0.05 0.05 source source source source source 250 training training training training training 0.00 $\frac{8}{9}$ 0.01 source 를 200 0.00 0.00 test test test test training test 150 -0.05 --0.05 -0.051.5 1.0 1.5 0.0 1.0 1.5 0.0 0.5 1.5 0.5 1.0 0.0 1.0 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** 0.06 0.20 source source 400 94 -92 -94 <u>Name</u> 92 . <u>υ</u> 0.0002 training training Value 70.0 - 002 Value Nalue - 0.15 source source test test training training training test test 0.04 0.0000 90 -0.0 0.5 1.0 1.5 0.0 0.5 1.0 1.5 1.5 0.0 0.5 1.0 1.5 0.0 0.5 1.0 1.5 0.5 1.0 1.5 0.5 1.0 0.0 1e6 1e6 1e6 1e6 1e6 1e6 Step Step Step Step Step Step Beta source 0.004 training 8 0.002 · test 0.000 1.0 0.5 1.5 0.0 Step 1e6