AerialWildfireSuppression Train & Test Metrics: Difficulty: 10, Task: 8 Water Drop Water Pickup **Preparing Trees Extinguishing Trees Reward** Entropy **Preparing Trees Reward** 2.25 -0.05 -0.05 0.05 -0.05 0.05 source source source source source — training 9 2.00 7 1.75 training training --- training training Value Value Value Value 0.00 0.00 0.00 0.00 test — test test — test — test -0.05 -0.05-0.05-0.05-0.051.5 1.5 1.5 1.0 1.5 0.0 0.5 0.5 1.5 0.5 1.5 1.0 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 Episode Length Extrinsic Value Estimate 0.05 0.05 0.05 source source source source training training training training 0.00 source source 0.00 0.00 test test test training training test test -0.05-0.05 --0.05 0.0 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 1.5 0.0 1.0 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Step 1e6 Cumulative Reward Extrinsic Reward Policy Loss Learning Rate Epsilon Value Loss 0.20 0.06 100 source 100 source source source 1000 \alpha \text{NaIne} \text{VaIne} training training Value No.0 4 Nalue - 0.15 source test test 500 — training test -100 -100 0.0000 1.5 0.0 0.0 1.5 0.0 1.5 0.0 0.5 1.0 1.5 0.5 1.0 1.5 0.0 1.0 0.5 0.5 1.0 0.5 0.0 1e6 1e6 1e6 1e6 1e6 Step 1e6 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