## AerialWildfireSuppression Train & Test Metrics: Difficulty: 1, Task: 5 Entropy Water Drop Water Pickup **Preparing Trees Extinguishing Trees Reward Preparing Trees Reward** 1.000 -0.05 0.05 -0.05 0.05 1.6 source source source source source source — training training training training training training Value 0.975 -Value Value Value 0.00 0.00 0.00 0.00 — test — test test — test — test 0.950 --0.05-0.05-0.05-0.051.5 0.0 0.5 1.5 1.5 1.5 0.0 0.0 0.5 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 Mary Mary My Marine Market source source source source source training training training training training 0.00 0.01 <u>역</u> 400 source ⊒e 20 · 0.00 0.00 test test test test training 200 test -0.05 --0.05 -0.050.0 1.5 1.0 1.5 0.0 1.5 0.0 0.5 1.5 0.0 0.5 1.0 0.0 1.0 1.5 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 Value 06 Value 08 \alpha \cdot training training Value - 50.0 - 002 Agree Nalue - 0.15 source source source source test test training training training 80 test test test 0.04 0.0000 0.5 0.0 1.0 1.5 0.0 0.5 1.5 0.0 0.5 1.5 0.0 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 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

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