## WildfireResourceManagement Train & Test Metrics: Difficulty: 7, Task: 1 Entropy Individual Resource Count Reward for Moving Resources to Neighbours Reward for Moving Resources to Self Collective Performance Individual Performance MMMMM source source source source 500 -8.0 <sub>w</sub> training 🕂 training e Nalue 250 source training test 0.6 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 Step Step Step Step Step Step **Episode Length** Curiosity Value Estimate Extrinsic Value Estimate **Cumulative Reward Curiosity Reward Extrinsic Reward** 0.05 source source source source training training ૐ 0.2 · 0.00 50 test training 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 Step Step Step Step Step Step Beta **Curiosity Forward Loss** Policy Loss Value Loss Learning Rate **Epsilon** 0.010 -0.20 -1000 source source source source Value 80.0 2000.0 Value training training training training 0.005 2.0 <u>qr</u> 0.15 500 test test test test 0.000 0.0000 0.10 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 Step Step Step Step Step Step **Curiosity Inverse Loss** source - 00.4 training 3.75

100000 200000 300000 400000