## WildfireResourceManagement Train & Test Metrics: Difficulty: 3, Task: 0 Individual Resource Count Entropy Reward for Moving Resources to Neighbours Reward for Moving Resources to Self Collective Performance Individual Performance source source 9 100 · 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** 300 source source source source source 40 -20 training Value - 002 training training 0.05 test training test 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 -200 source source source source source 0.4 2000.0 Aalue training training training training 0.005 0.15 -<u>s</u> 100 -<u>@</u> 0.2 test test test — test 0.0000 0.000 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

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