Cumulative distributions AdamOptimizer **QNGOptimizer** β_1 =0.9, β_2 =0.99, ε =10⁻⁸ approx='block-diag', λ =0.5 1.0 Probability of occurrence n = 0.85 $\eta = 1.35$ $\eta = 0.9$ 0.8 n = 0.95 $-\eta = 1.45$ $\eta = 1.5$ $\eta = 1.05$ $\eta = 0.25$ $\eta = 1.55$ 0.6 $\eta = 1.15$ $\eta = 1.65$ n=1.250.4 0.2 η=2 $\eta = 0.75$ -η=2.1 n = 0.750.0 $\eta = 0.9$ $\eta = 0.95$ $-\eta = 2.6$ $\eta = 1$ $\eta = 1.25$ MomentumQNGOptimizer ρ =0.9, approx='block-diag', λ =0.5 MomentumOptimizer $\rho = 0.9$ 1.0 Probability of occurrence n = 0.65 $\eta = 0.7$ $\eta = 0.9$ 0.8 $\eta = 0.95$ $\eta = 0.75$ $\eta=1$ $\eta = 1.05$ 0.6 $\eta = 0.9$ $\eta = 1.1$ $\eta = 0.95$ $\eta = 1.2$ 0.4 $\eta = 1.1$ $\eta = 1.15$ 0.2 (c) $\eta = 0.75$ 0.0 50 100 150 200 0 50 100 0 150 200 steps steps