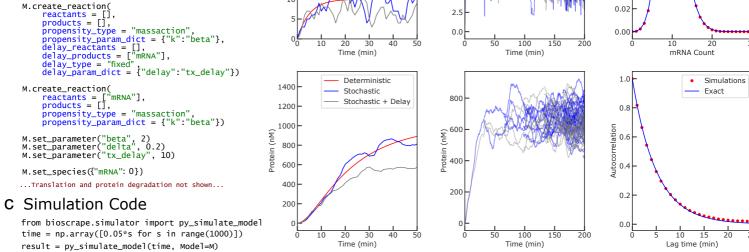
Gene Expression Simulations Gene mRNA Protein Transcription Translation Simulated trajectories (f xed delay (gamma delay) across lineage of cells Deterministic 0.12 Degradation 17.5 35 Stochastic (No Delay Stochastic + Delay 15.0 0.10 30 12.5 25 and 20 and 20 and 25 Probability 90.0 mRNA (nM) **b** Bioscrape Model 10.0 from bioscrape.types import Model 7.5 0.04 M = Model()5.0 10 M.create_reaction(2.5 reactants = [], products = []. 0.0 20 100 150 200



Empirical

Exact