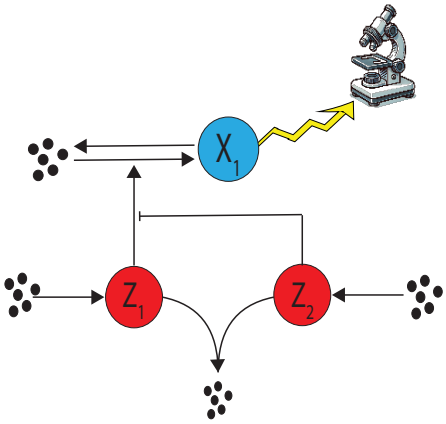
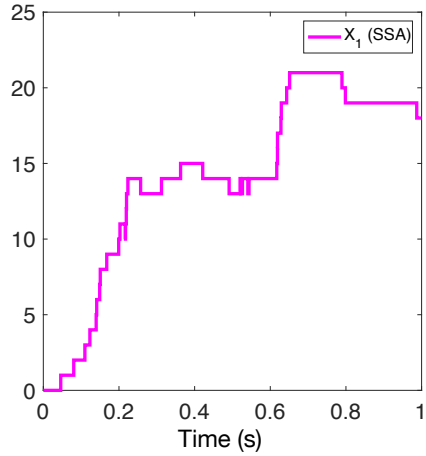
a) Chemical Network




b) Observation Process



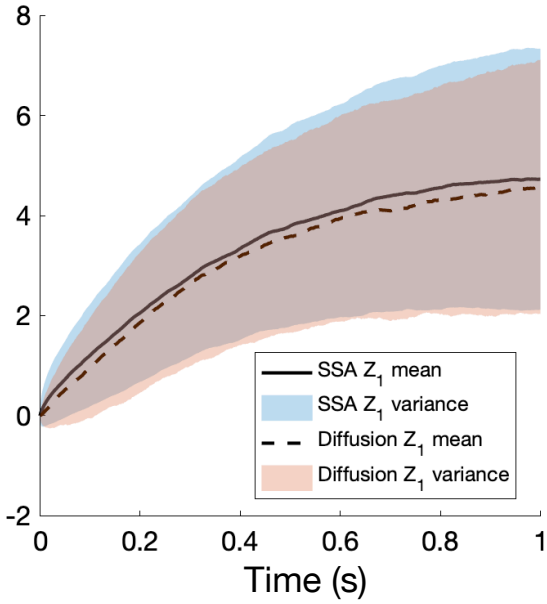
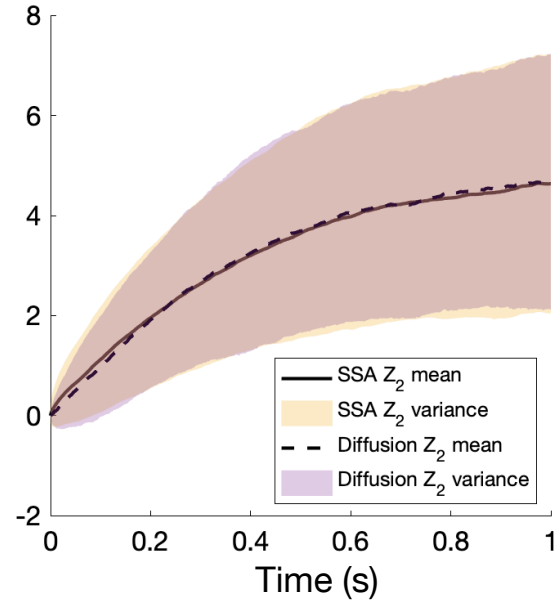
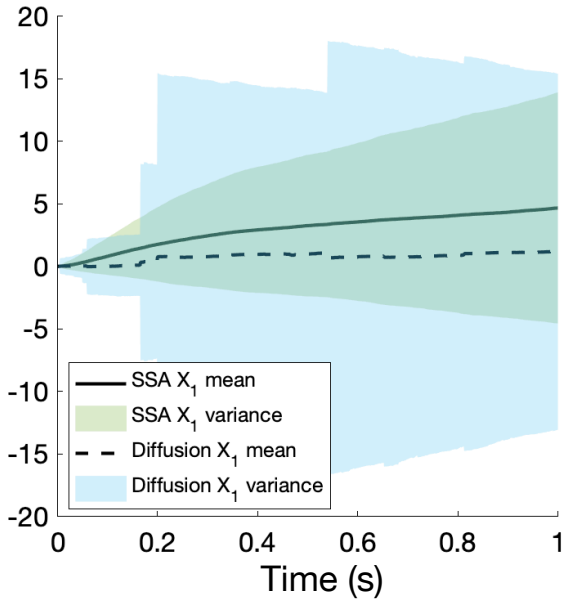

c) Reactions Structure

$$\varnothing \xrightarrow{c_1} Z_1$$

$$\varnothing \xrightarrow{c_2} Z_2$$

$$Z_1 + Z_2 \xrightarrow{c_3} \varnothing$$

$$\varnothing \xrightarrow{c_4 + \frac{k_3\left(\frac{Z_1}{k_1}\right)}{k_4 + \left(\frac{Z_1}{k_1}\right) + \left(\frac{Z_2}{k_2}\right)}} X_1$$

$$X_1 \xrightarrow{c_5} \varnothing$$

d) Statistics Comparison