





Resuits



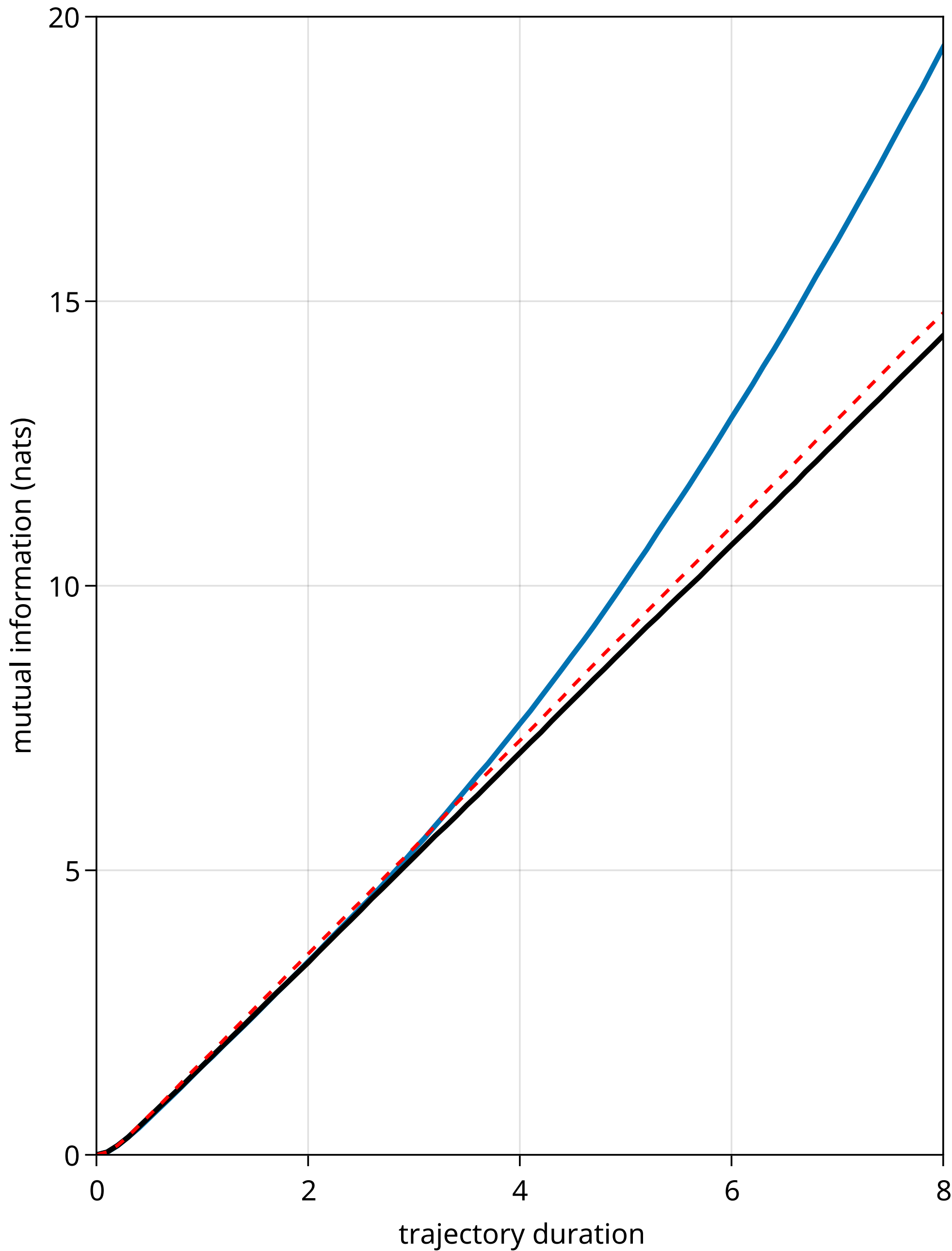
Simple Birth-Death Model

$$\emptyset \rightarrow S$$

$$S \rightarrow S + X$$

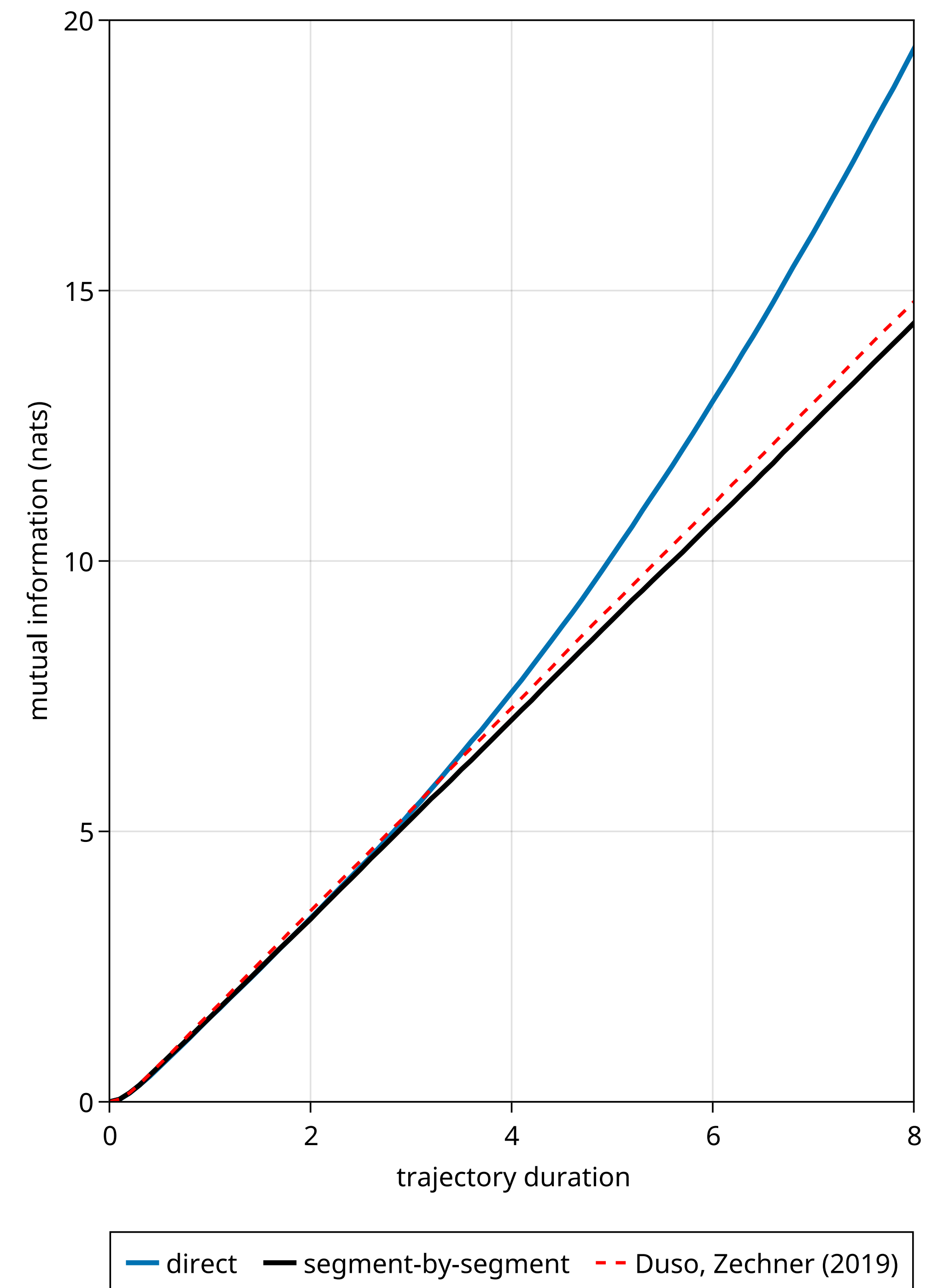
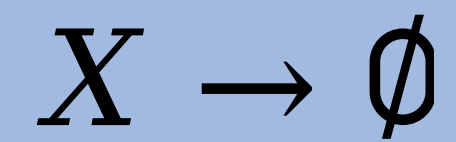
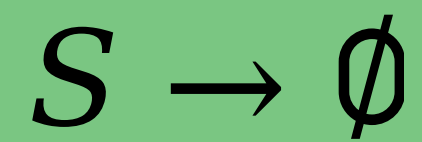
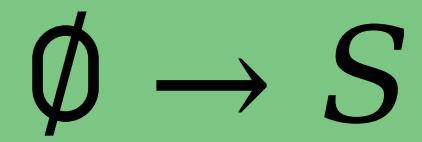
$$S \rightarrow \emptyset$$

$$X \rightarrow \emptyset$$



Results

Simple Birth-Death Model



Results

Bacterial Chemotaxis

- We can use a realistic model of chemotaxis to compute the information rate
- Overall, the model contains 173 reactions and 41 chemical species (!)

