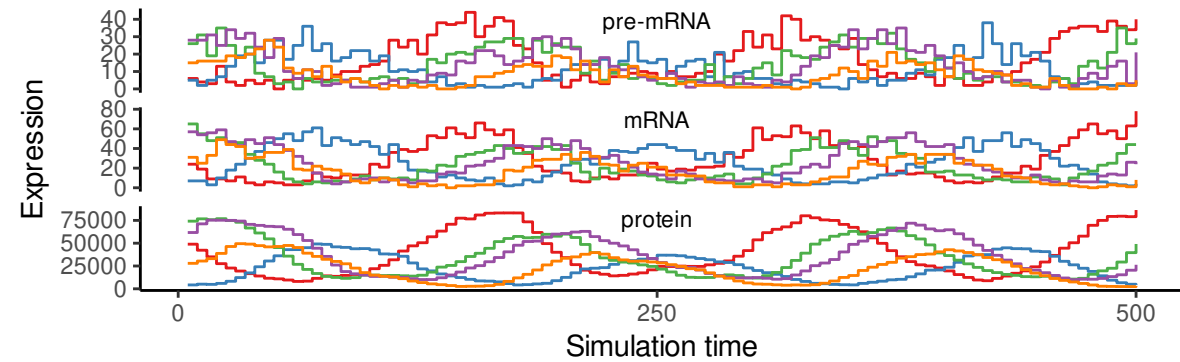


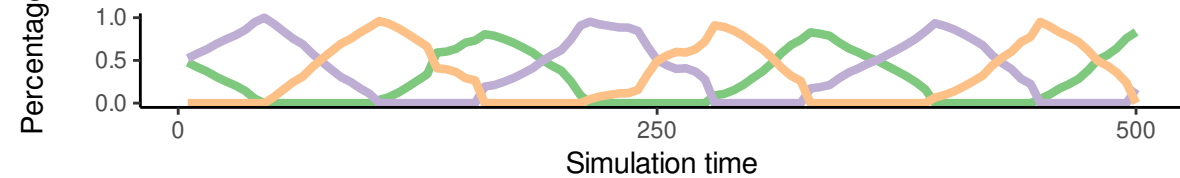
Expression



Molecule

— Gene A
— Gene B
— Gene C
— Gene D
— Gene E

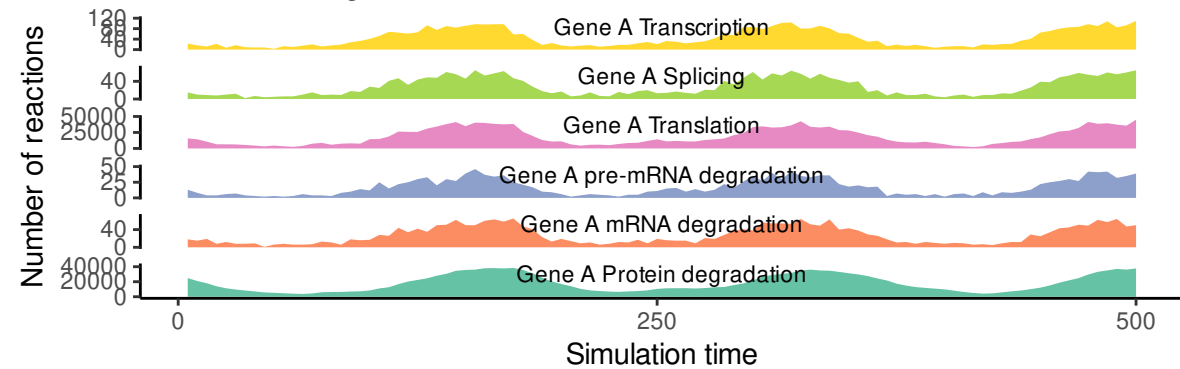
State



Cell state

— S1
— S2
— S3

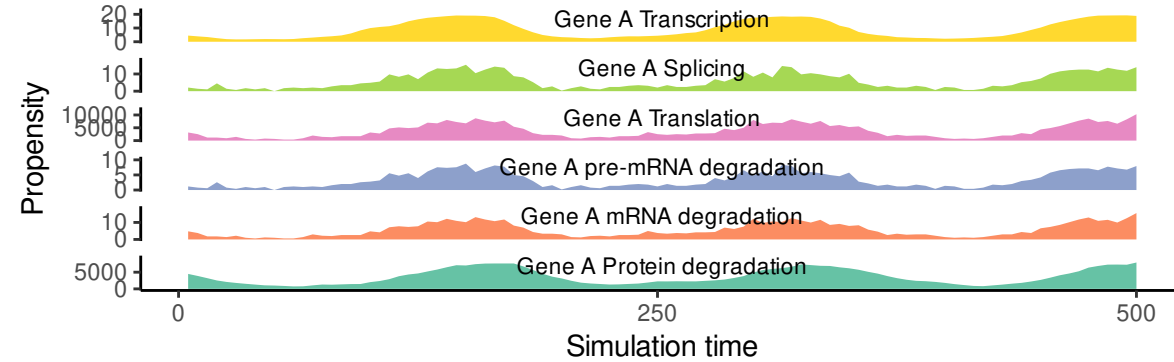
Reaction firings



Reaction type

— Protein degradation
— mRNA degradation
— pre-mRNA degradation
— Translation
— Splicing
— Transcription

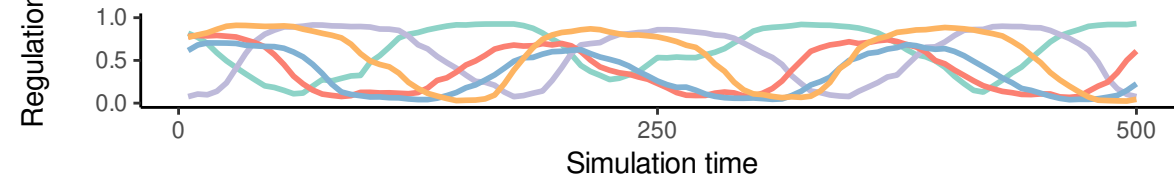
Propensity



Reaction type

— Protein degradation
— mRNA degradation
— pre-mRNA degradation
— Translation
— Splicing
— Transcription

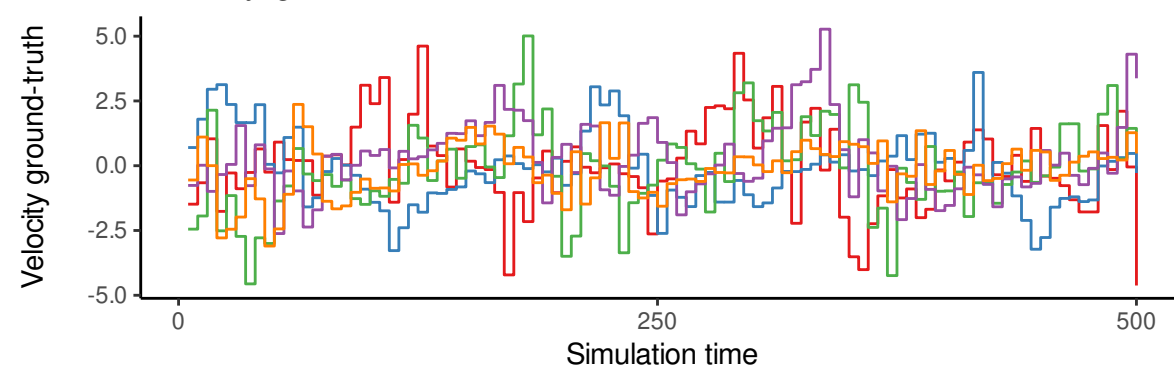
Regulation



Interaction

— $A \rightarrow B$
— $B \rightarrow C$
— $C \rightarrow D$
— $D \rightarrow E$
— $E \rightarrow A$

Velocity ground-truth



Molecule

— Gene A
— Gene B
— Gene C
— Gene D
— Gene E