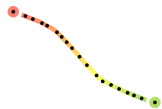


A Trajectory inference subtypes

Linear TI
or pseudotemporal ordering
e.g. SCORPIUS, Embeddr



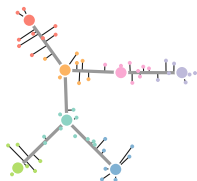
Cyclic TI
e.g. reCAT, Oscope



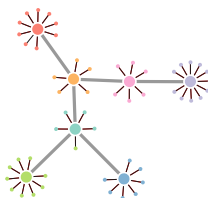
Regular TI
e.g. PAGA, Slingshot



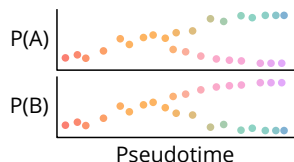
Orthogonal projection
e.g. pCreode, RaceID



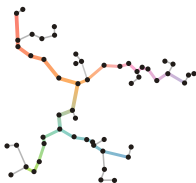
Cluster graph
e.g. SCUBA, Mpath



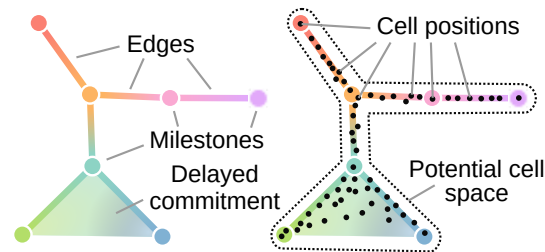
Fate bias prediction
or end state probability
e.g. STEMNET, FATEID



Cell graph
e.g. Monocle, cellTree



B Common probabilistic trajectory model



C Minimum information

Milestone network

From	To	Length
A	B	1.5
B	C	2.0
B	D	1.0

Cell progressions

Cell	From	To	Percentage
c1	A	B	0.41
c2	A	B	0.00
c3	B	D	0.76

D Optional information

Regions of delayed commitment

Region	Milestone	Root
BCD	B	True
BCD	C	False
BCD	D	False

Required in order for a cell to be on two edges simultaneously