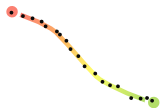
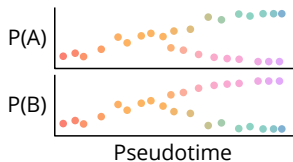


## A Trajectory inference subtypes

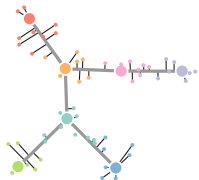
Pseudotemporal ordering  
(or linear TI)



Fate bias prediction  
(or end state probability)



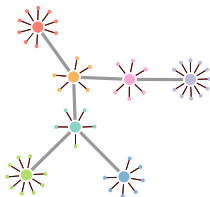
Orthogonal projection



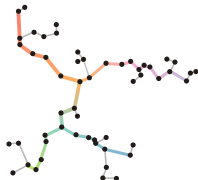
Cyclic TI



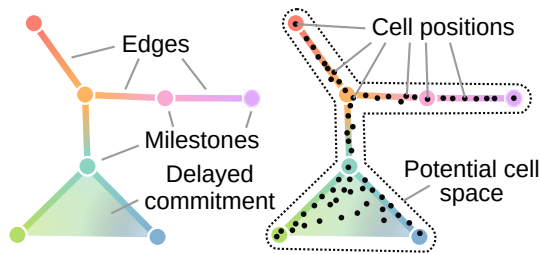
Cluster graph



Cell graph



## 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