









































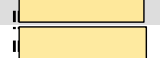










































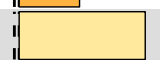
























a) Method					b) Summary											
					Inferable trajectory types							Aggregated scores per experiment				
Graph methods	Priors required	Wrapper type	Platform	Topology inference	Cycle	Linear	Bifurcation	Multifurcation	Tree	Connected	Disconnected	Overall	Accuracy	Scalability	Stability	Usability
PAGA	×	Direct	Python	Free												
RaceID / StemID		Proj	R	Free												
SLICER	×	Cell	R	Free												
Tree methods																
Slingshot		Direct	R	Free												
PAGA Tree	×	Direct	Python	Free												
MST		Proj	R	Free												Off-the-shelf
pCreode		Proj	Python	Free												
SCUBA		Cluster	Python	Free												
Monocle DDRTree		Cell	R	Free												
Monocle ICA	×	Cell	R	Param												
cellTree maptpx		Cell	R	Free												
SLICE		Direct	R	Free												
cellTree VEM		Cell	R	Free												
EIPiGraph		Direct	R	Free												
Sincell		Cell	R	Free												
URD	×	Direct	R	Free	