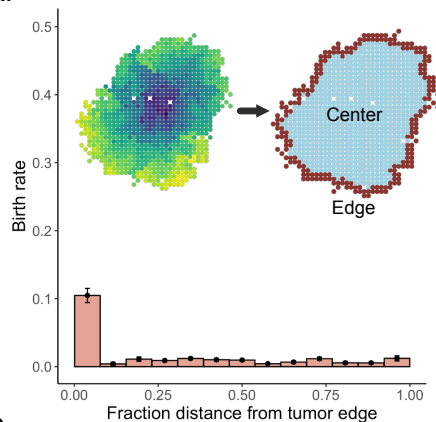


## Positional growth rate

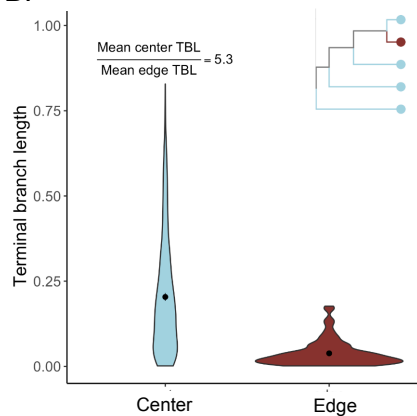
## Time tree signals

## Genetic tree signals

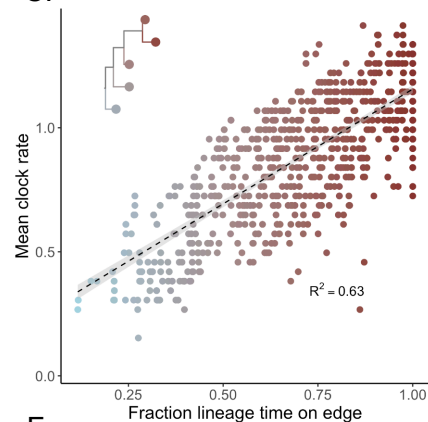
A.



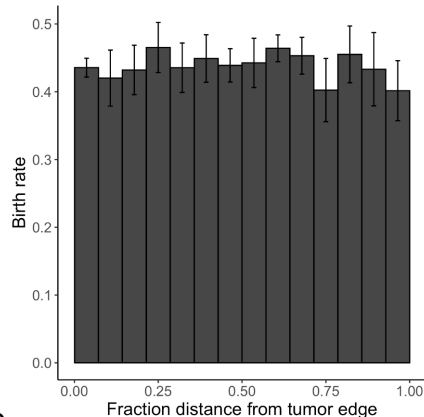
B.



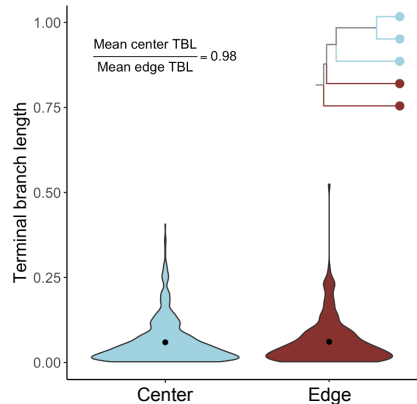
C.



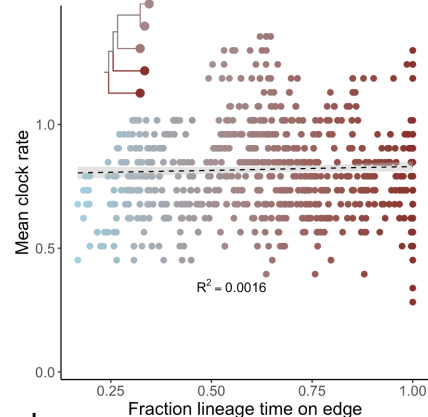
D.



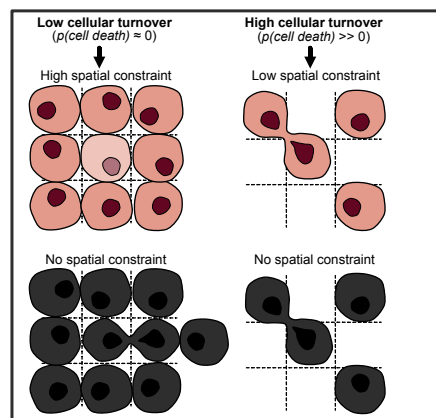
E.



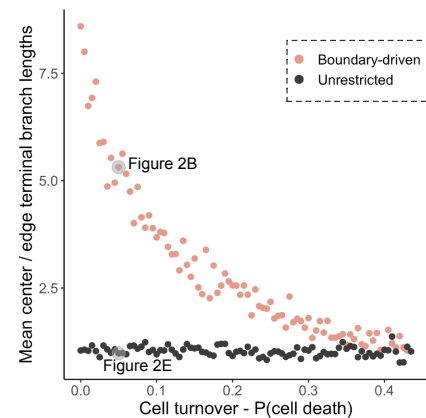
F.



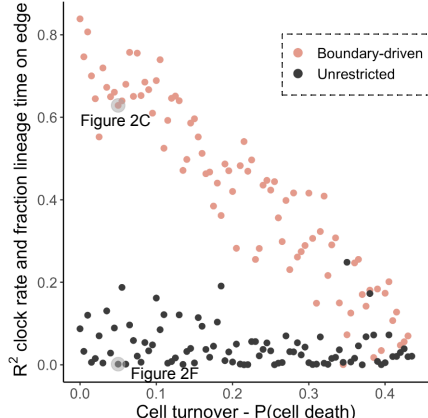
G.



H.



I.



Spatial constraints

Spatial constraints

Boundary driven growth

Unrestricted growth