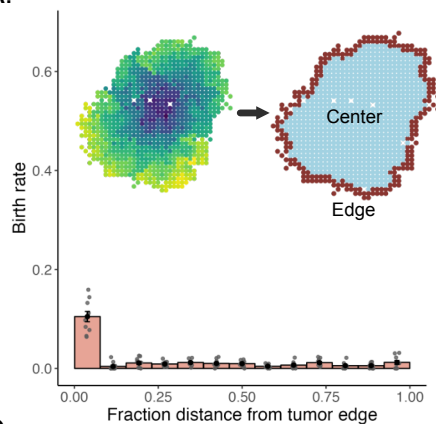


## Positional growth rate

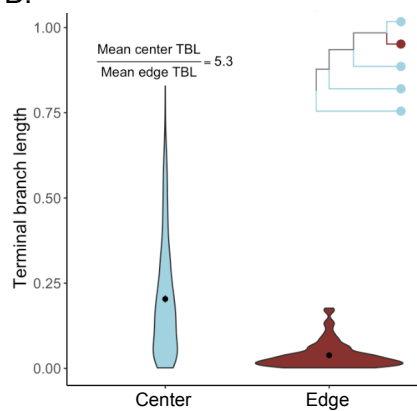
## Time tree signals

## Genetic tree signals

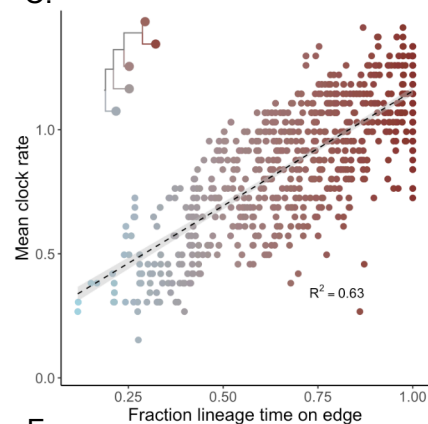
A.



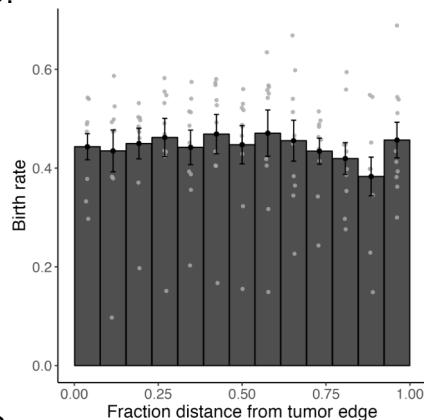
B.



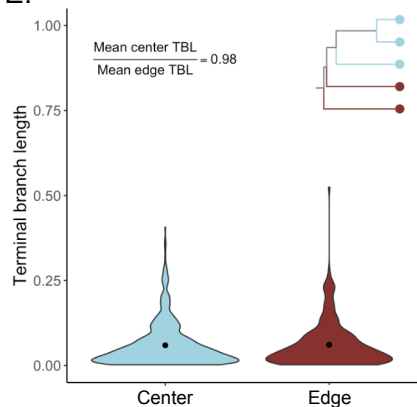
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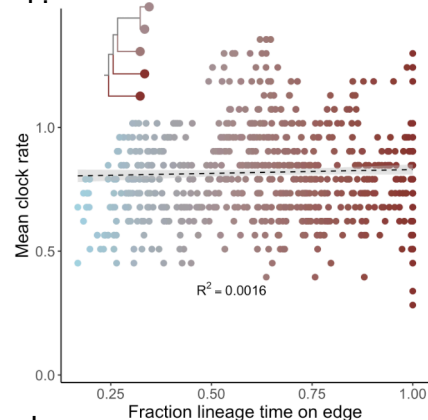
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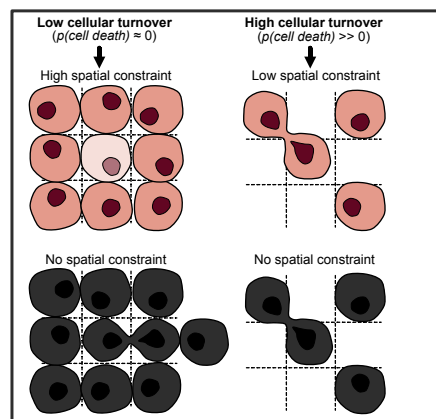
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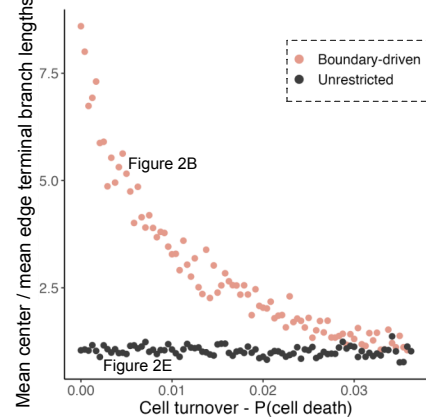
F.



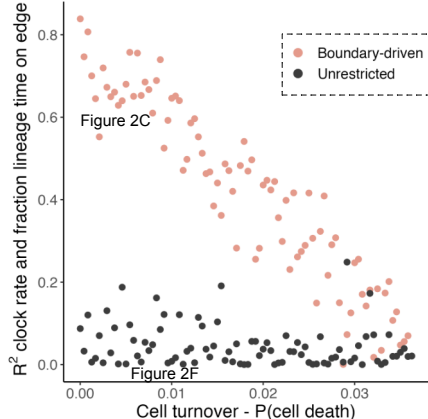
G.



H.



I.



Spatial constraints

Spatial constraints

Boundary-driven growth

Unrestricted growth