



Nonparametric Bayesian Methods: Models, Algorithms, and Applications

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Applications

Applications

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[US CDC PHIL;
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[US CDC PHIL;
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[Chati,
Balakrishnan
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[Sudderth, Jordan 2009]



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“Wikipedia phenomenon”



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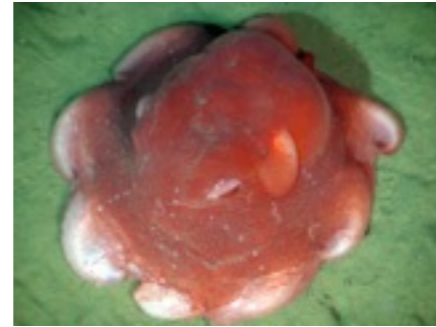


[Chati,
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[Ed Bowlby, NOAA]



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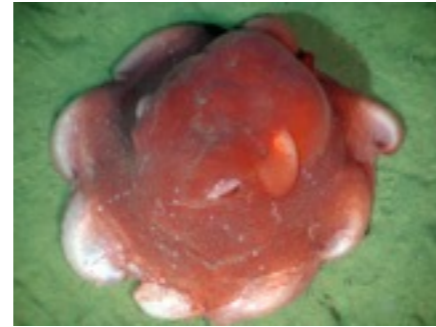


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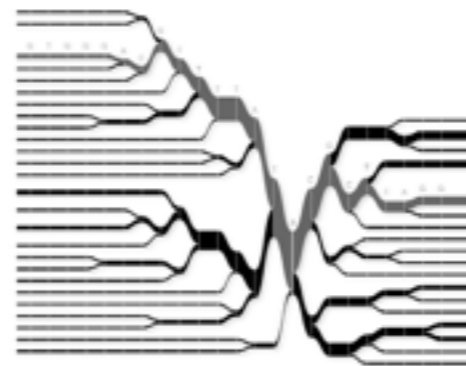
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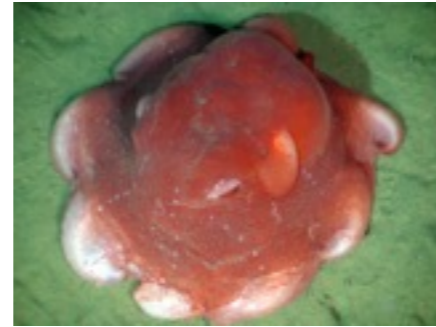


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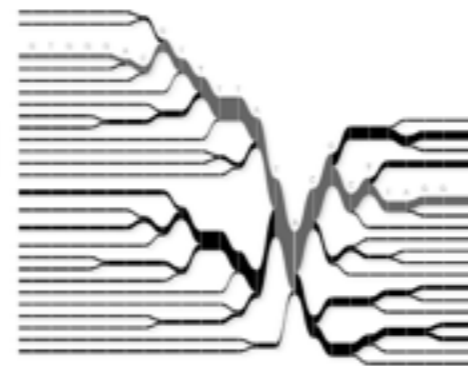
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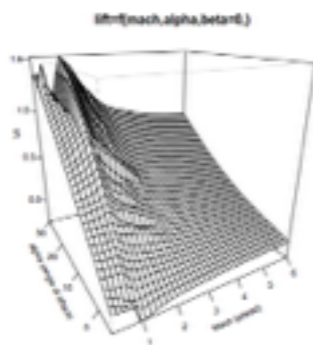
[Ewens 1972; Hartl, Clark 2003]



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[US CDC PHIL; Futoma, Hariharan, Heller 2017]



[Gramacy, Lee 2009]

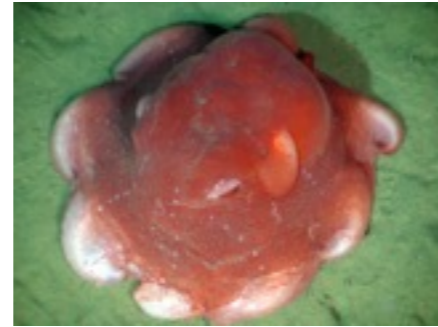


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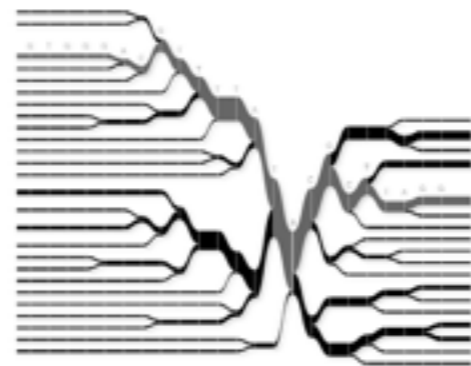
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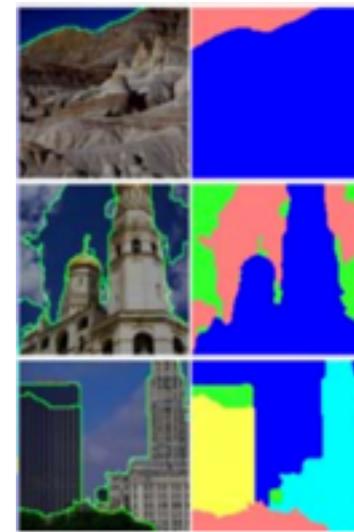
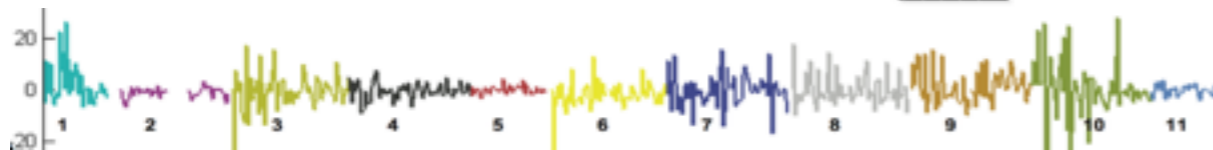


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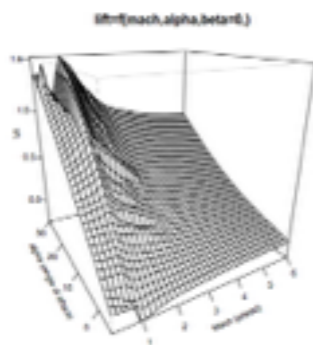
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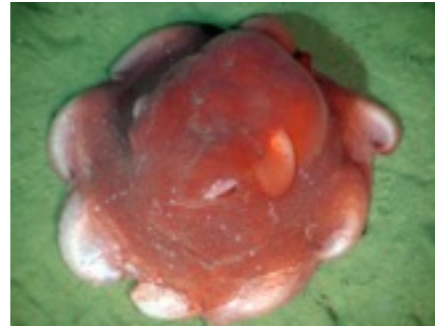


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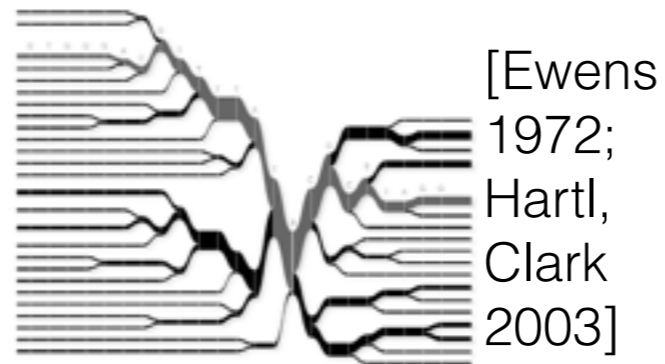
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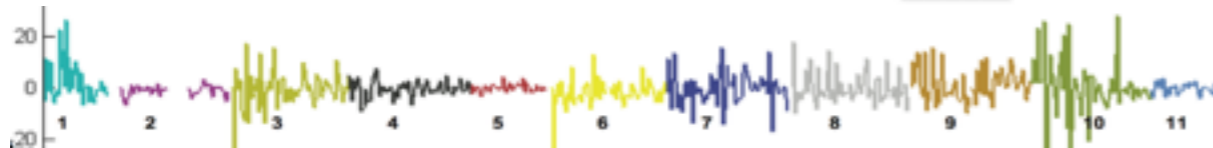


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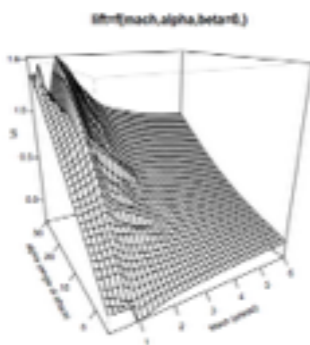


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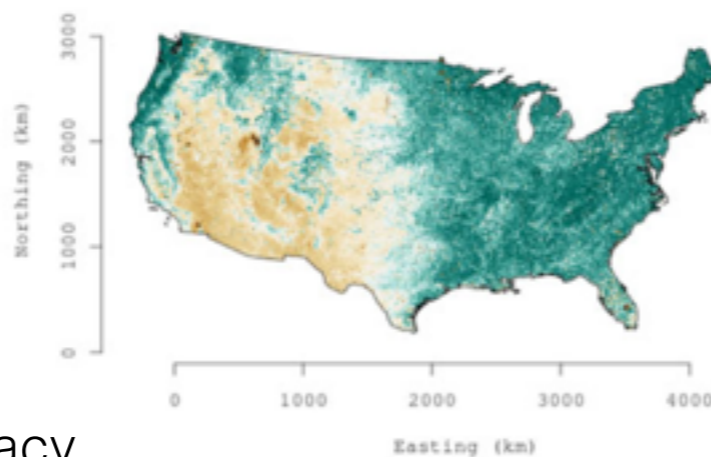
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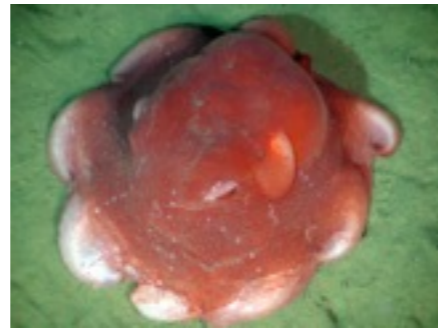


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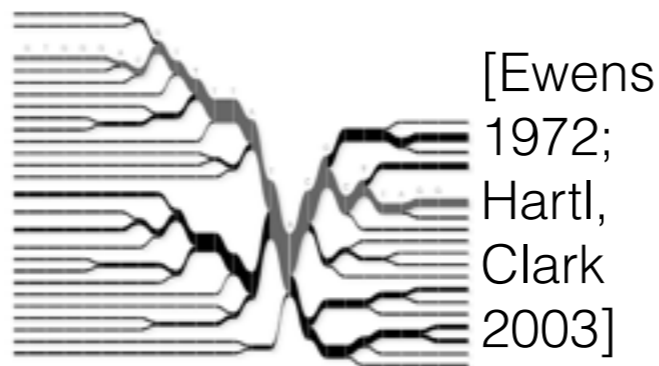
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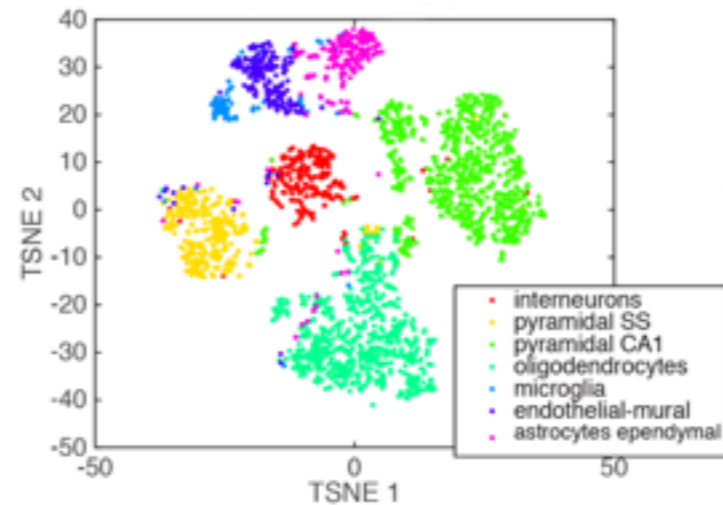
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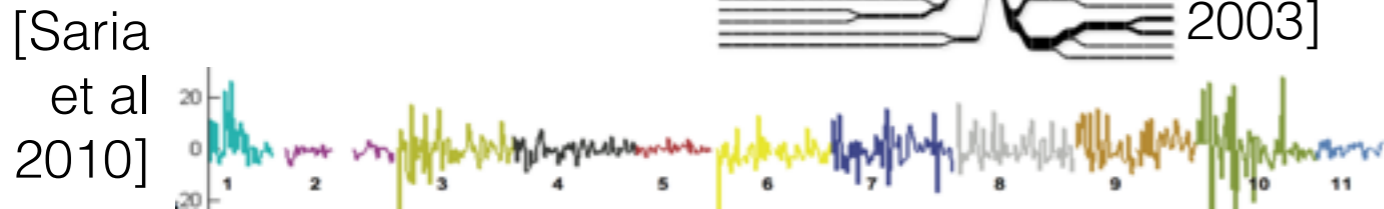
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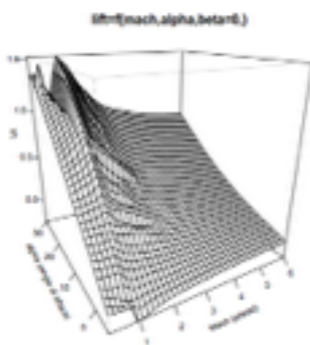
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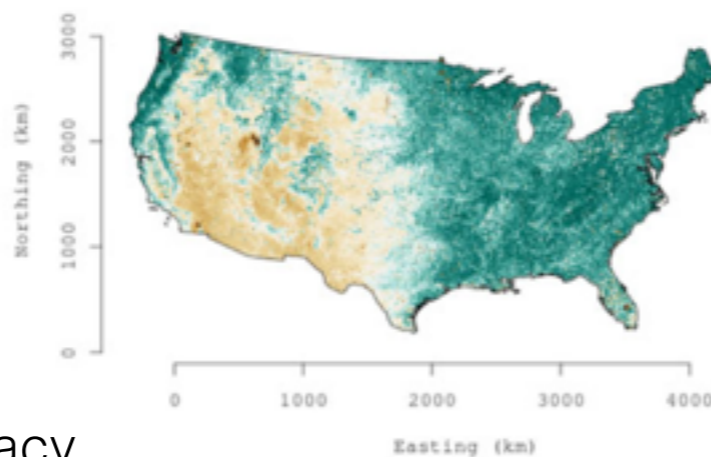
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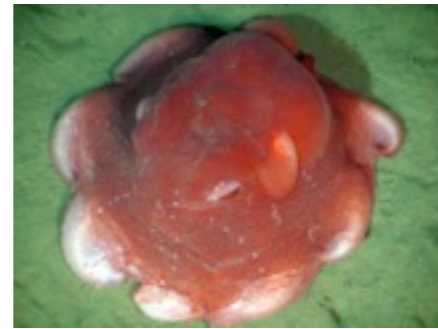


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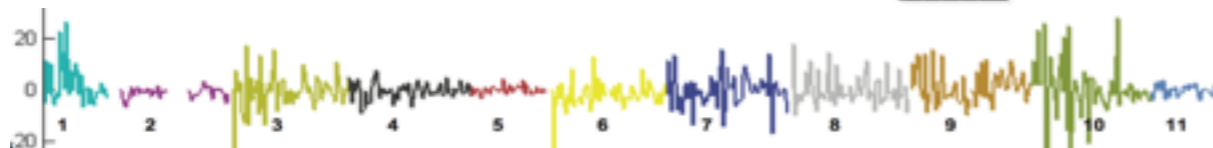


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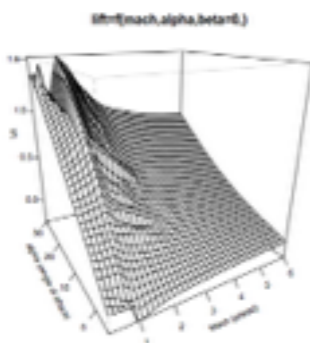


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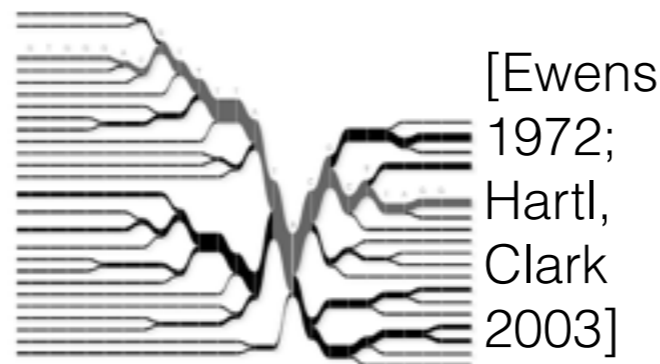
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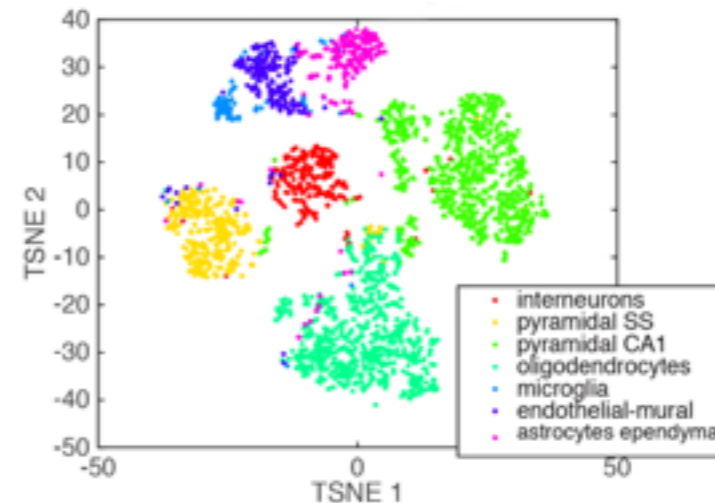
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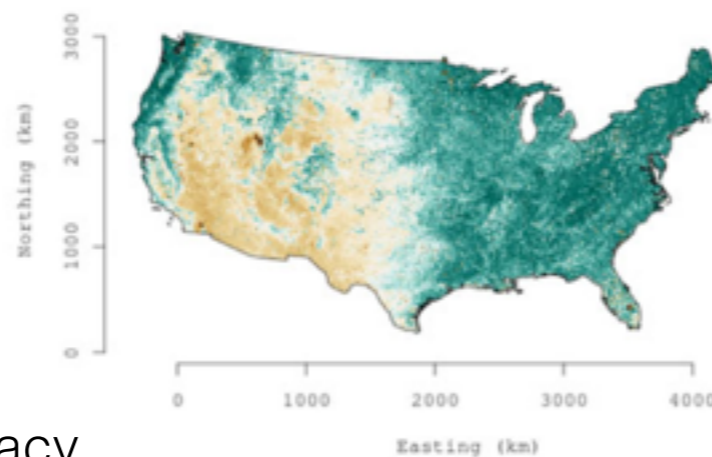
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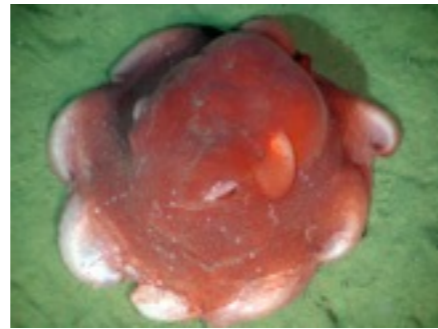


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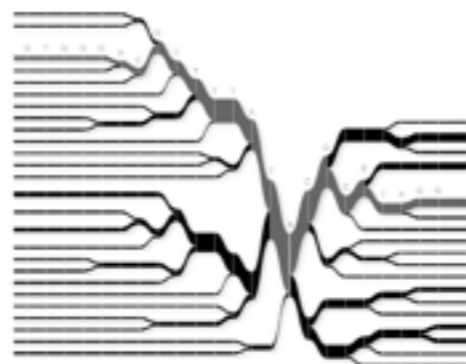
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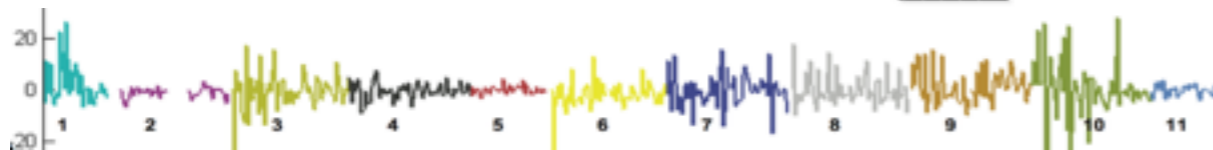


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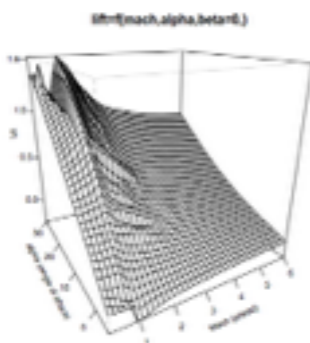


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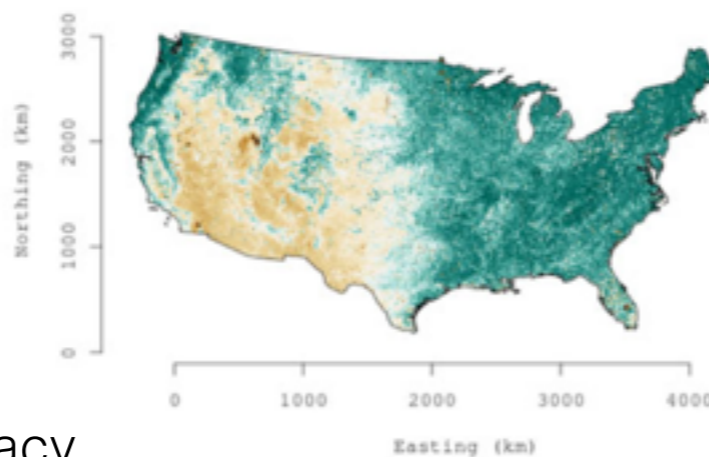
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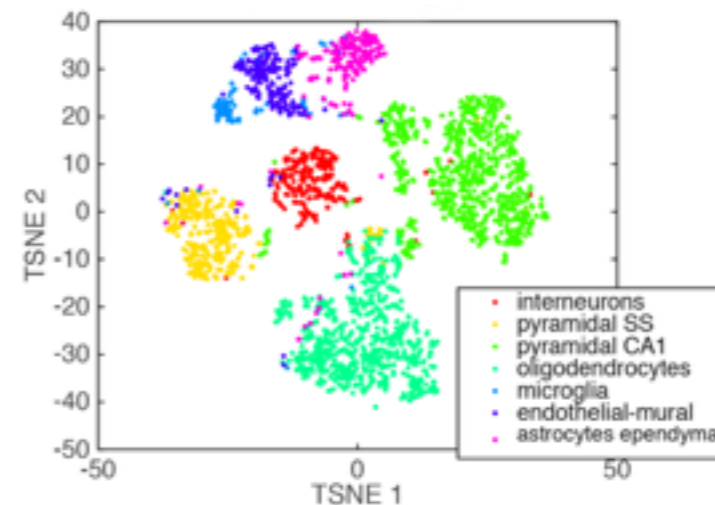
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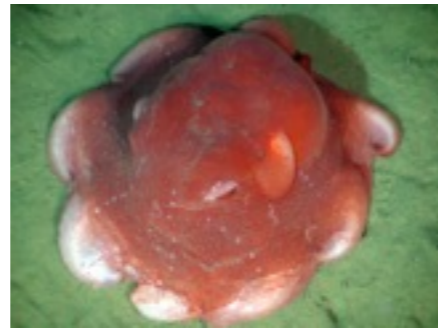
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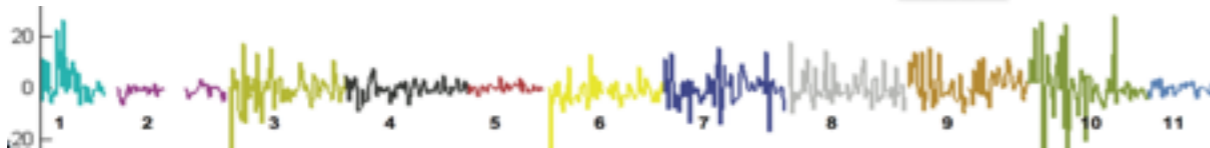


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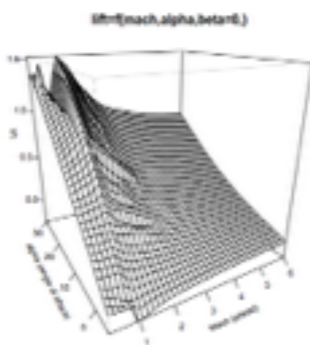


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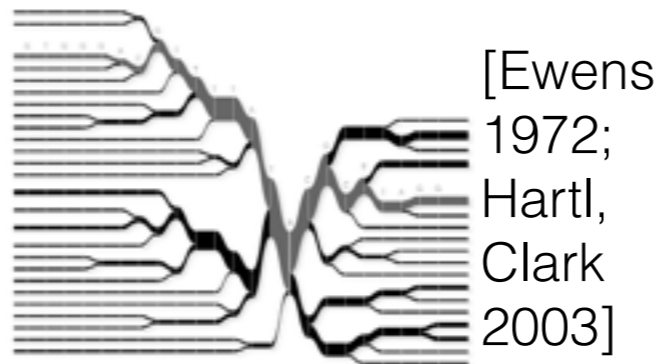
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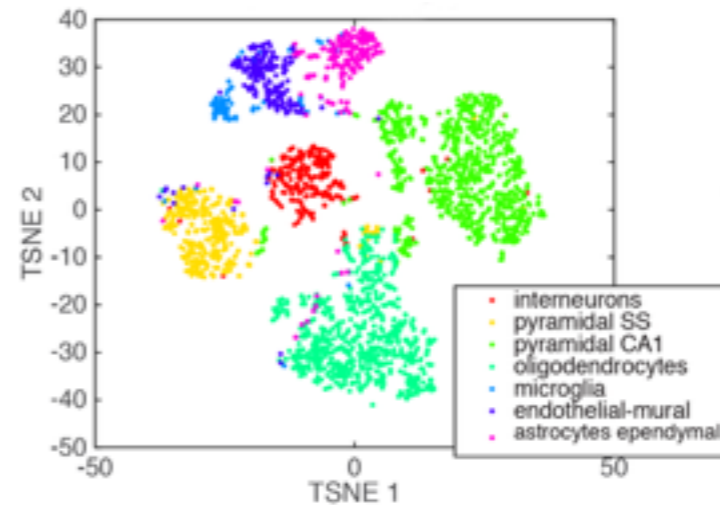
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[Gramacy, Lee 2009]



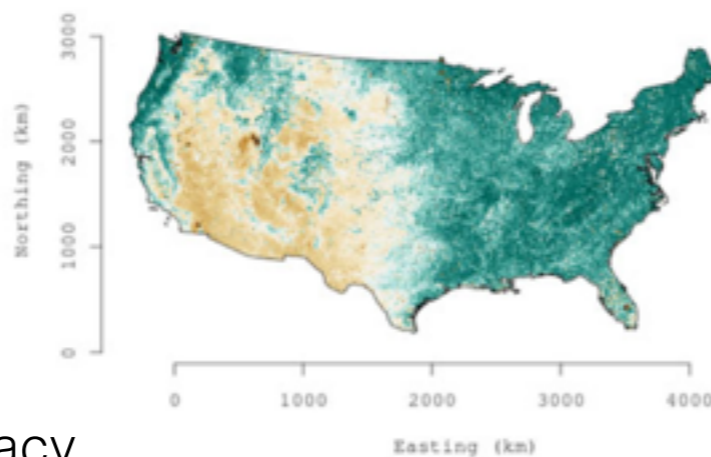
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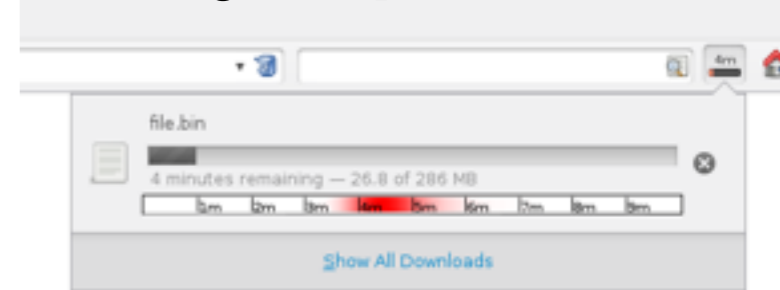


[Sudderth, Jordan 2009]



[Datta, Banerjee, Finley, Gelfand 2016]

[Kiefel, Schuler, Hennig 2014]



[Deisenroth, Fox, Rasmussen 2015]



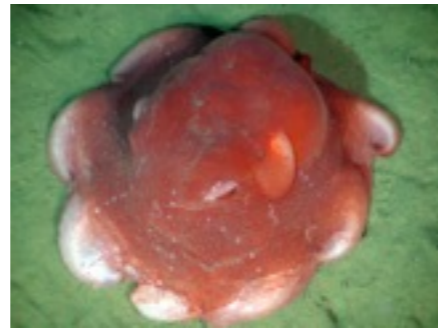
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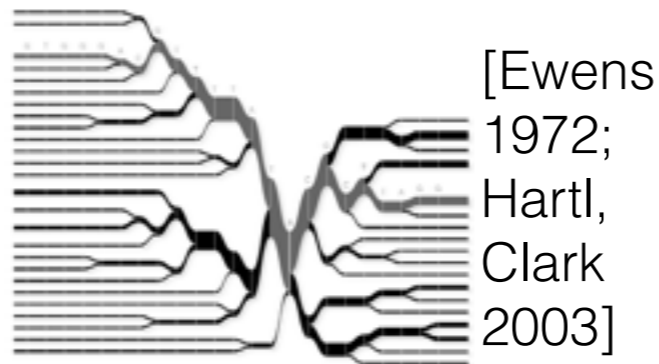
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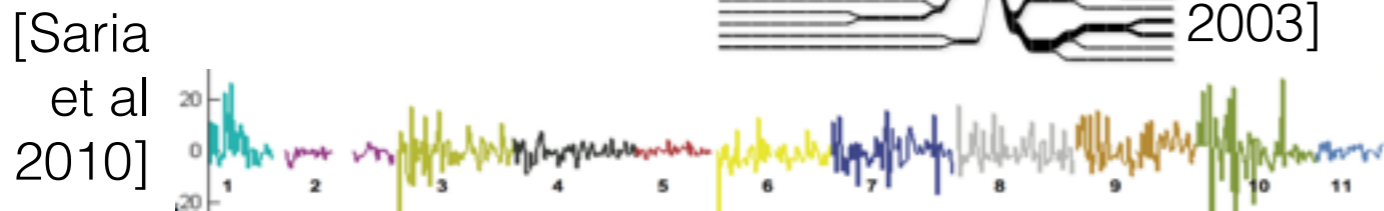
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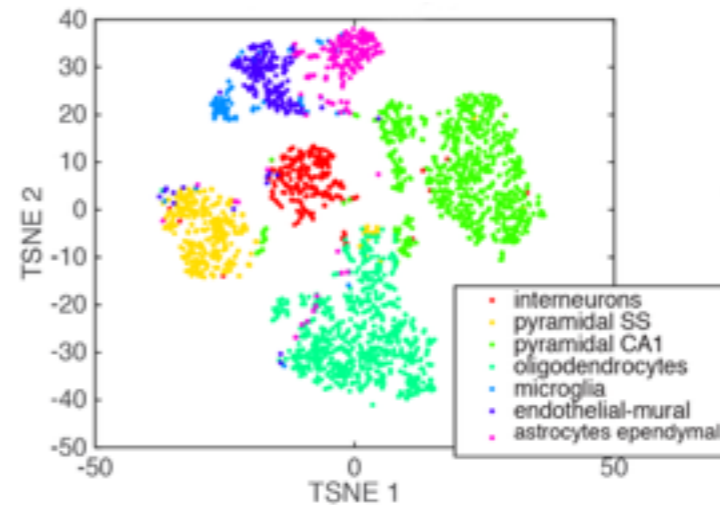
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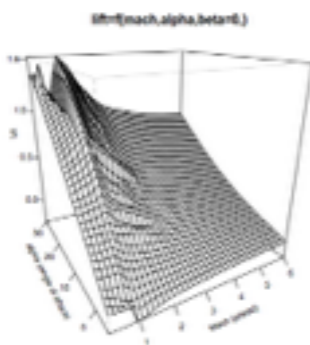
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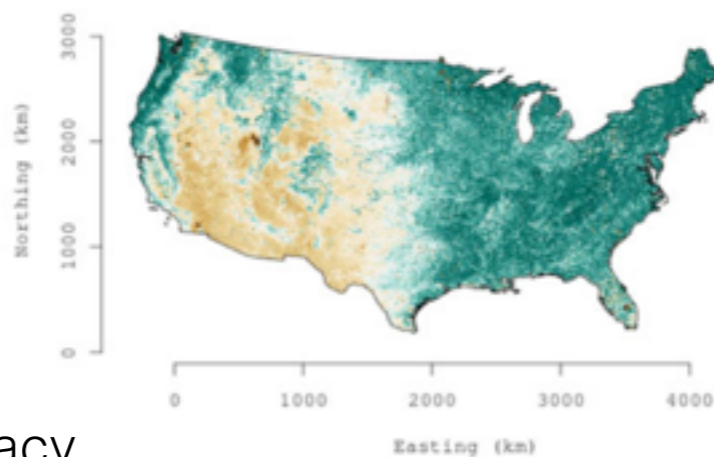
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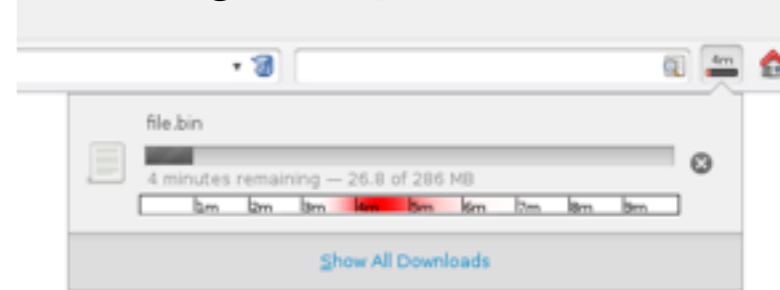


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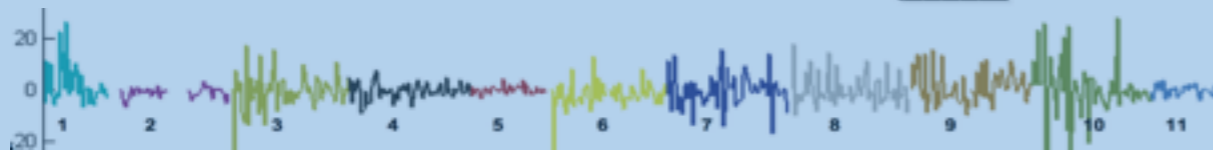


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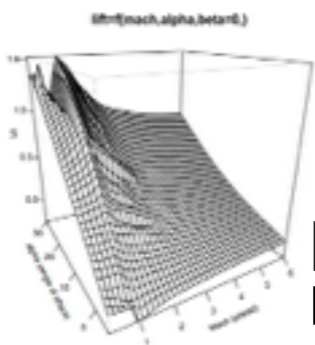


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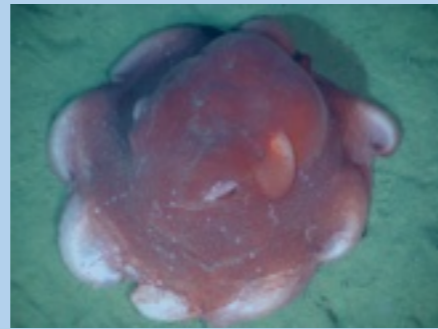
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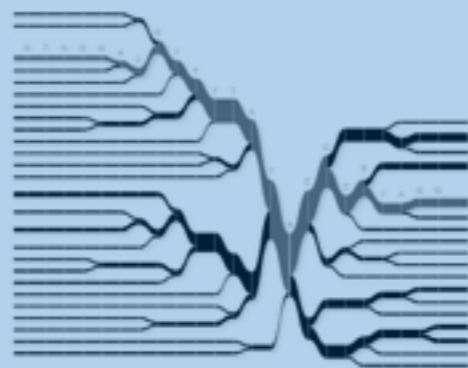
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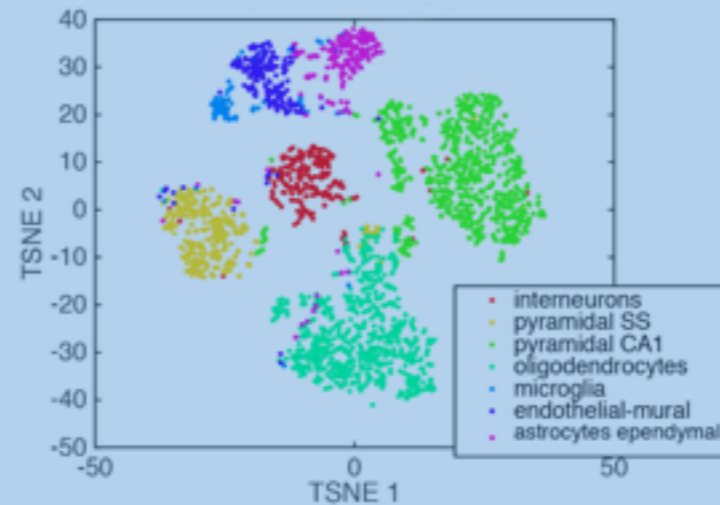
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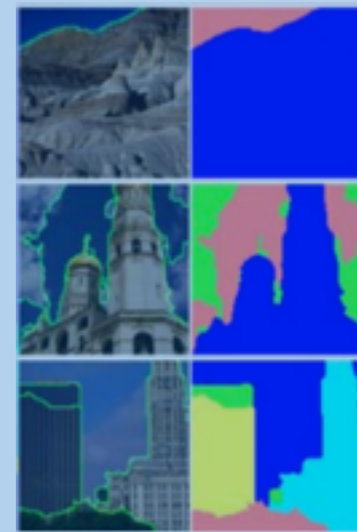
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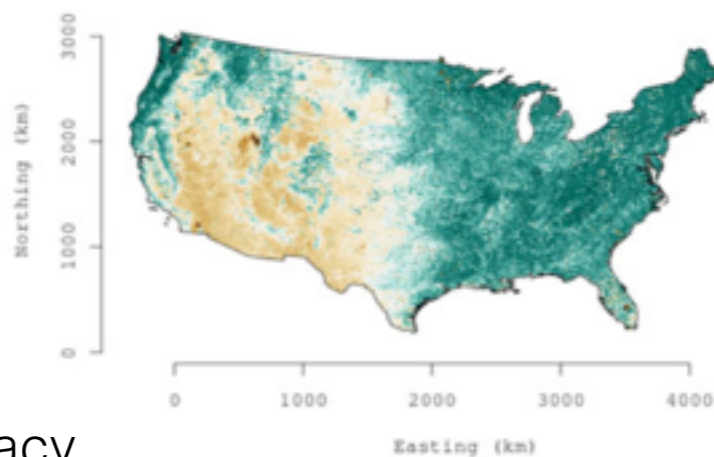
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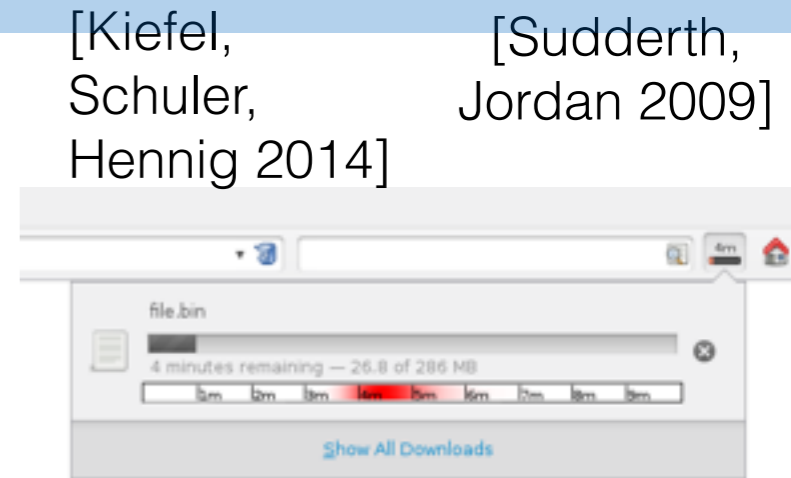
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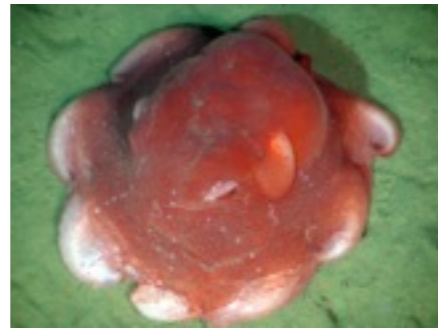
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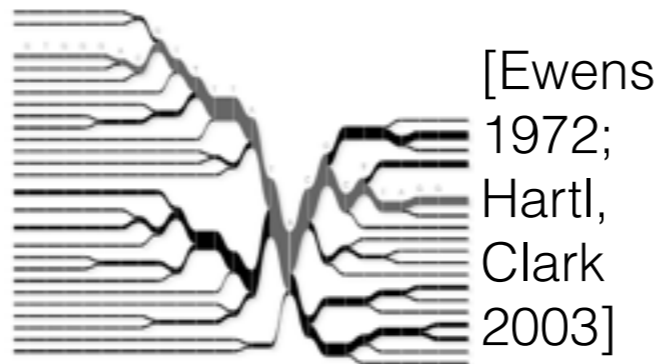
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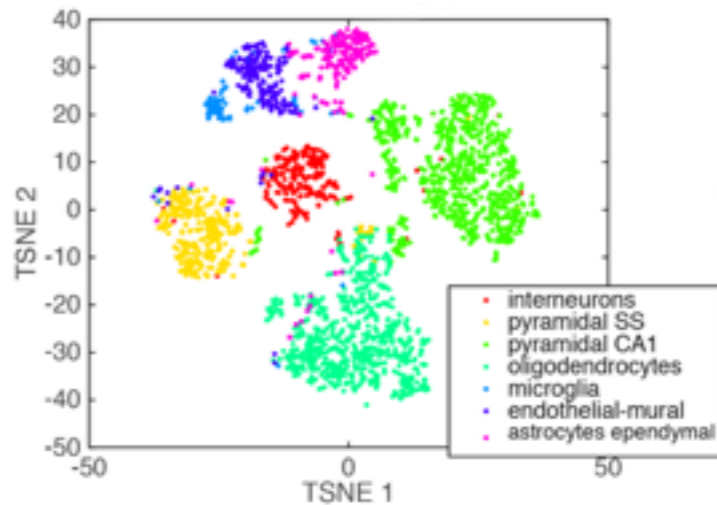
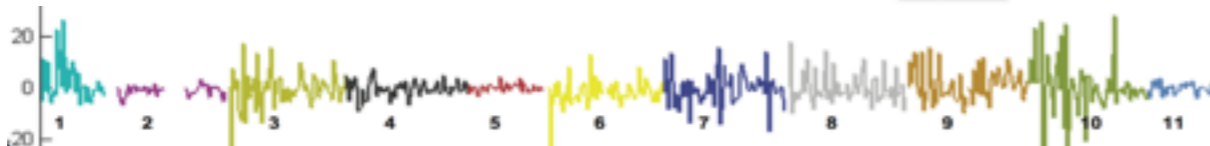


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[Saria et al 2010]



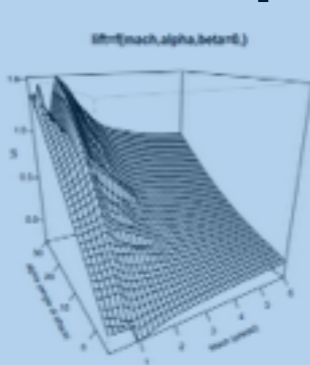
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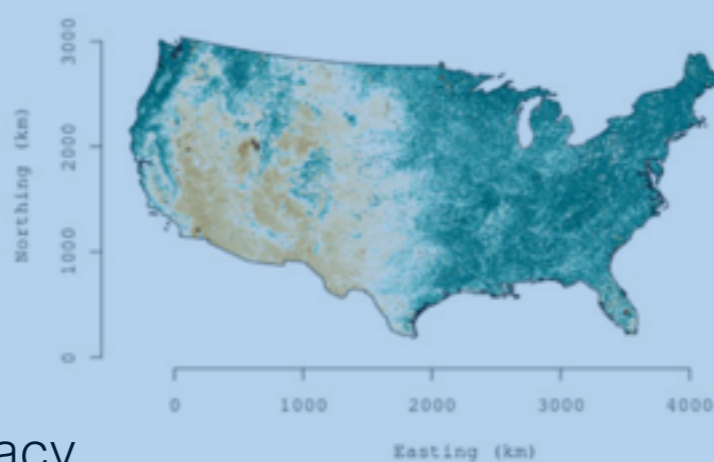
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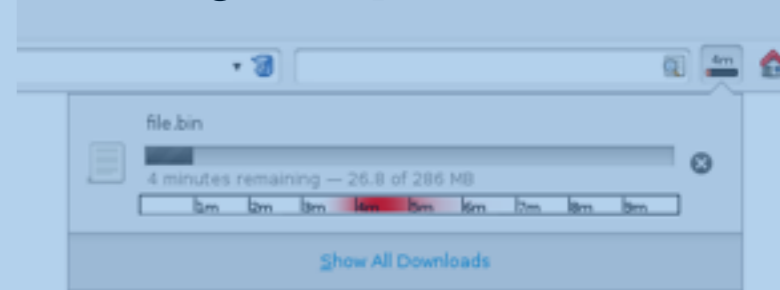


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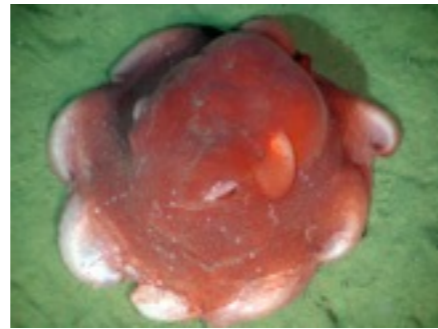
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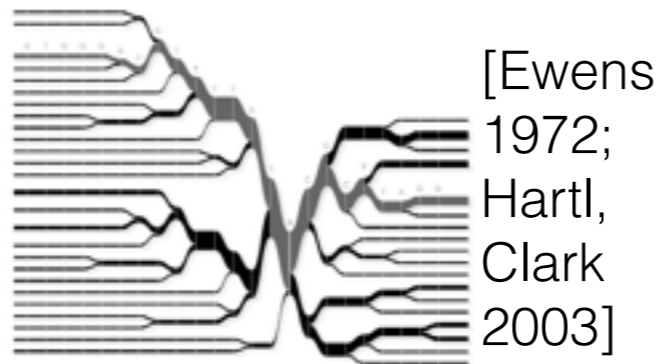
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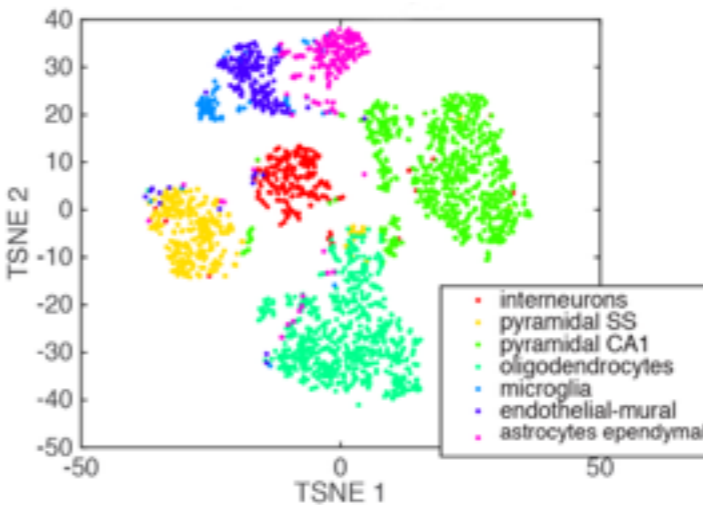
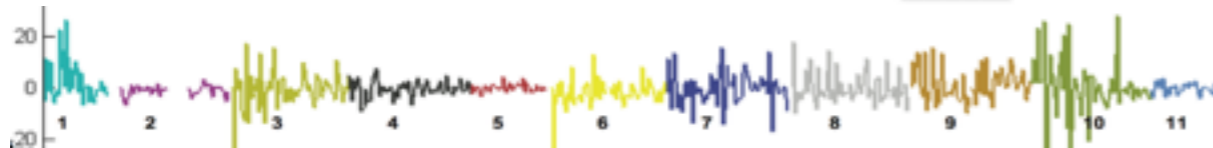


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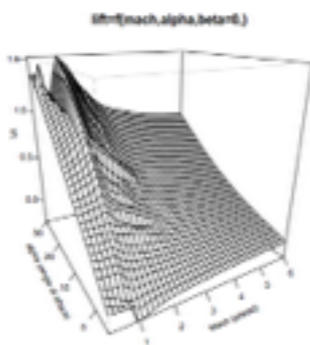
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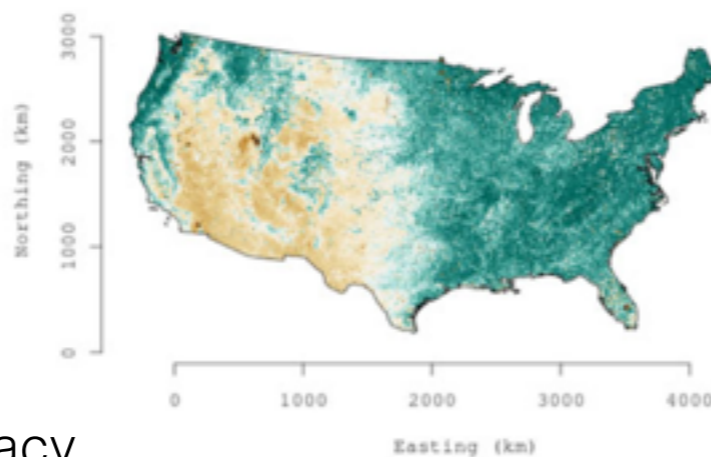
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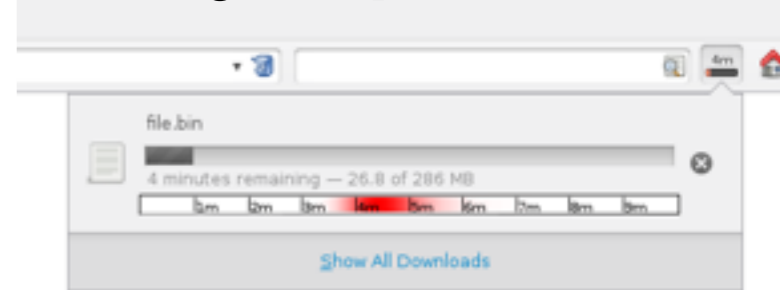


[Gramacy, Lee 2009]



[Datta, Banerjee, Finley, Gelfand 2016]

[Kiefel, Schuler, Hennig 2014]



[Deisenroth, Fox, Rasmussen 2015]



[Chati, Balakrishnan 2017]



Beta distribution

