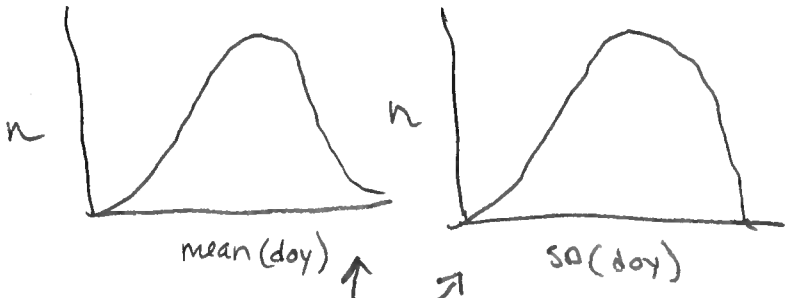
More fun w/ simulated data (aka null model)

22 Aug 2016

(1) Take all pre-climate change time-series (t-s). Calculate mean + SD of each t-s:

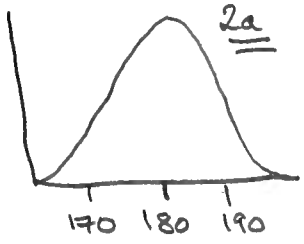


note – use these distributions or build normal or uniform distributions that encapsulate them, if possible.

(2) Create new t-s. (2a) Draw mean + SD from above, + build new one distribution.

e.g. mean: 180; SD: 11.2

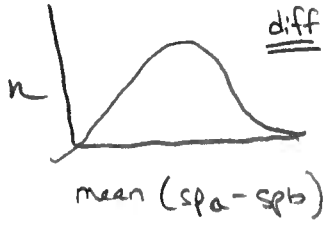
→ (use normal distn I guess)



(2b) Draw from 2a randomly to get t-s data.

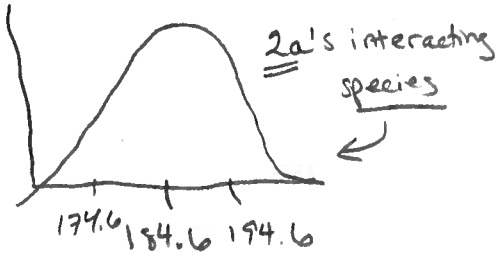
(3) Create interacting t-s.

(3a) Go back to pre-climate change data + calculate (spa - spb) for each year + plot:



(3b) Draw from diff + add (or subtract?) from 2a...

e.g. draw from diff is + 4.6, then next sp is:



(3c) Draw from this for next sp (ie. the 'interacting one').