

Interactive comment on “What could we learn about climate sensitivity from variability in the surface temperature record?” by James Douglas Annan et al.

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According to the Maximum Entropy Principle, the variance goes as the square of the mean if all one has is knowledge of the mean. So as any estimate of the climate sensitivity increases, the variance will increase as well. Moreover any uncertainty one has in climate sensitivity is reflected by this variance. That's what I am getting out of the paper considering no mention is made of the major source of natural variability in the surface temperature record – ENSO.

Interactive comment on Earth Syst. Dynam. Discuss., <https://doi.org/10.5194/esd-2019-90>, 2020.