Final comments on article npg-2014-19: ***Instability and change detection in exponential families and generalization linear models, with a study of Atlantic tropical storms by Lu and Chatterjee.***

The final draft of the article is interesting to read. The authors have improved the article. The text is clearer and more understandable, arguments and remarks by the reviewers are included and, not least, the final section the authors include critical remarks. Some final words follows: (1) The authors can consider mentioning that the CUSUM test can be applied as a test for a misspecified model – in this context a misspecified model implies that the model does not include variables which measure structural changes. (2) I miss a figure which shows the number of storms plotted against time. Further I miss a figure which plots the CUMSUM-score for the empirical part of the article. (3) I presume a detection of a change in the average value μ in the Poisson distribution also imply a change in the variance (or st.dev.σ) of the process? This is not commented by the authors. (4) Poisson-distribution: Mu hat on p. 7 (615): μ (mu hat) = 9.8 while the standard deviation (σ) is 2.97. Should not the st.dev. (σ) take the value 3.13?