

***Interactive comment on “Statistics of severe
tornadoes and severe tornado outbreaks” by
B. D. Malamud and D. L. Turcotte***

Anonymous Referee #2

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The authors pick up an earlier defined hypotheses and confirm it. The hypotheses states that a tornado touchdown path length relates to the its strength. Furthermore, the authors find a power law relation for the frequency density function of the (total) path length and the (total) path length itself. I enjoyed reading the manuscript.

An analogy between the development of the intensity scales of earthquakes and tornadoes is made. However, this analogy is broadened to relate the aftershock sequence of earthquakes with the clustering of tornado numbers due to the seasons (page 11). I am not able to follow this argument and disagree that an aftershock sequence related to an earthquake can be compared to the seasonal cycle of tornado occurrence.

In the figure caption of Fig.6: a and b are reversed.

C2014

Interactive comment on Atmos. Chem. Phys. Discuss., 12, 6957, 2012.

C2015