

Review: Dating Hiatuses: A statistical model of the recent slowdown in global warming -- and the next one.

I thank the authors for their careful attention to my comments. They are addressed satisfactorily in the revised manuscript. Indeed, their manuscript successfully marries sophisticated statistical analysis with a sophisticated understanding of the science. As such, I believe the manuscript should be published.

I do have one last suggestion for the final manuscript. On pages 6-8, the authors repeatedly refer to the absolute and percentage of the missing heat that is associated with a given variable. For example, on page 6 (lines 9 – 10) they argue that volcanoes account for about 1.1 % of the missing heat and again on page 7 (lines 34-35) “that ENSO explains 23.7% of the missing heat.

I suggest that the authors create a figure that allows readers to see these absolute amounts or percentages in one place. This will allow reader to compare various contributions. I realize that many of these findings are implicit in Figure 1. But the slopes of the temperature lines are much harder to quantify and interpret relative to a bar chart that explicitly shows the quantity of missing heat that is associated with volcanoes, ENSO, etc.

Also figure 1 does not show the change in temperature previous studies attribute to various factors. Indeed, the bar chart could also show the quantity of ‘missing heat’ that previous analyses attribute to a particular variable, such as volcanoes or ENSO. When possible, this would help readers compare the authors’ results to those generated by previous studies, which the authors review on pages 1-2.