

## Referee Comment

### **General comments**

The authors responded sufficiently to my prior comments. The current version of the manuscript presents the results more clearly and corrects the ambiguities of the original.

The authors' discussion focuses on the most apparent large-scale effects of changes in ice sheet height: the lapse-rate induced temperature feedback, the direct changes caused by redistribution of airmass over Antarctica and the rest of the globe, and the changes in moisture advection permitted by the reduced height of the Antarctic ice sheet. There are regional heterogeneities and nonlinearities in the results that warrant additional physical explanation. It would be interesting to see this, and these effects could (perhaps should) be the subject of further inquiry.

However, I think that the authors have done a good job presenting the results within the current scope of the paper, which describes the more straightforward effects of these experiments. The quality of presentation is significantly improved upon the initial submission.