

Interactive comment on “Multi-model ensemble: technique and validation” by J. R. Rozante et al.

Anonymous Referee #2

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The manuscript presents the development and implementation a multi-model ensemble technique to atmospheric weather prediction models. The technique combines several regional and global weather models, by weighting each model according to their performance, with the objective of improving the specification and prediction of the atmosphere. The authors implement the multi-model technique to southern Latin America, in particular, the area surrounding and including Brazil. The multi-model solution provides a prediction with a lower forecast error than any given single model, and is comparable to the NCEP analysis. The paper is well structured and clearly written, with very encouraging results. I recommend the manuscript be accepted for publication with minor revisions.

Please see attached PDF file for major and minor comments/suggestions.

Please also note the supplement to this comment:

C1302

<http://www.geosci-model-dev-discuss.net/7/C1302/2014/gmdd-7-C1302-2014-supplement.pdf>

Interactive comment on Geosci. Model Dev. Discuss., 7, 2933, 2014.