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www.geosci-model-dev-discuss.net/6/C120/2013/

**Geoscientific
Model Development
Discussions**

Interactive comment on "Forecasts covering one month using a cut cell model" *by* J. Steppeler et al.

J. Steppeler et al.

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To discuss the temperature differences in Fig.2 in more details, the following text will be included in the manuscript. Figure 2f will also include the analysis.

The biggest improvement in the temperature forecasts can be seen in the cold area north of 40°N. Here, some artificial east-west stripes of cold air appear with noz which are not visible with z or in the analysis. Generally, the shape of the cold area with z is in better agreement with the analysis than with noz. However, the amplitude is often too strong with z, but too weak with noz, for instance for the cold semi-circular area in the south-west. While for the region from 105°E to 115°E the results with z seem also better than with noz, the performance over the rest of the area differs and the forecasts there are of similar quality.

Interactive comment on Geosci. Model Dev. Discuss., 6, 625, 2013.

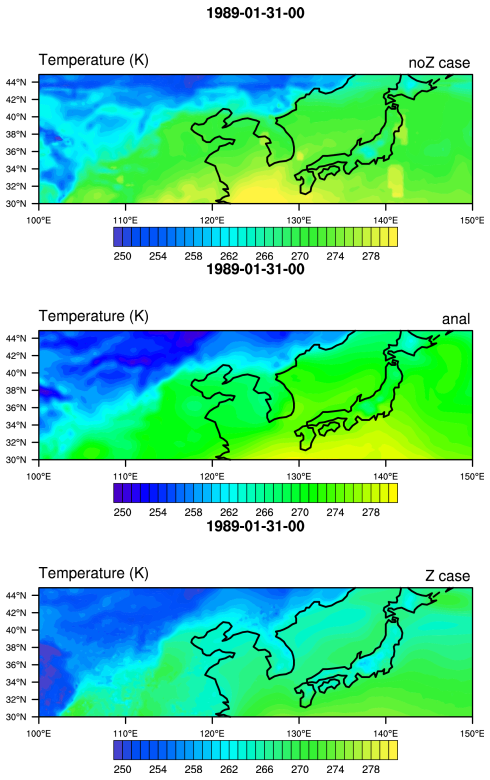

Fig. 1. Figure 2f), now including the analysis.