



## ***Interactive comment on “Mesoscale nesting interface of the PALM model system 6.0” by Eckhard Kadasch et al.***

**Eckhard Kadasch et al.**

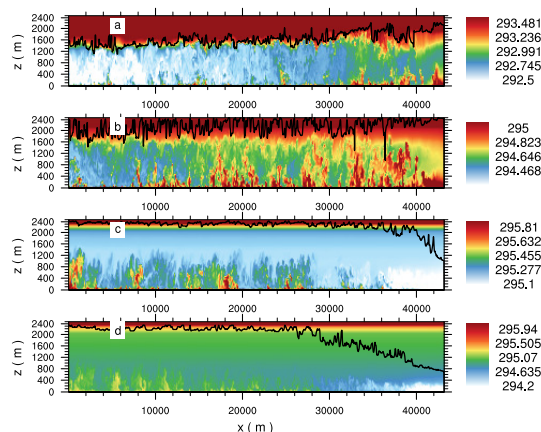
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Received and published: 4 May 2021

The comment was uploaded in the form of a supplement:  
<https://gmd.copernicus.org/preprints/gmd-2020-285/gmd-2020-285-AC1-supplement.pdf>

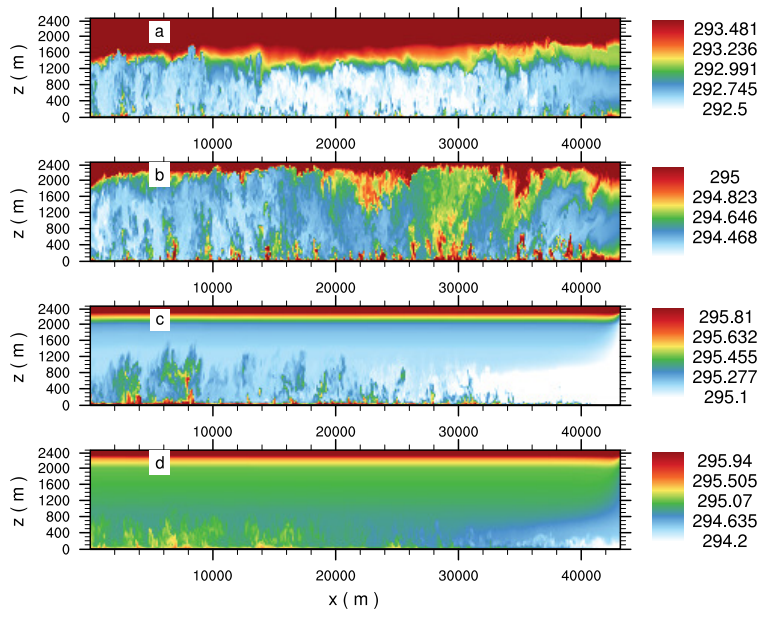
Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2020-285, 2020>.

C1



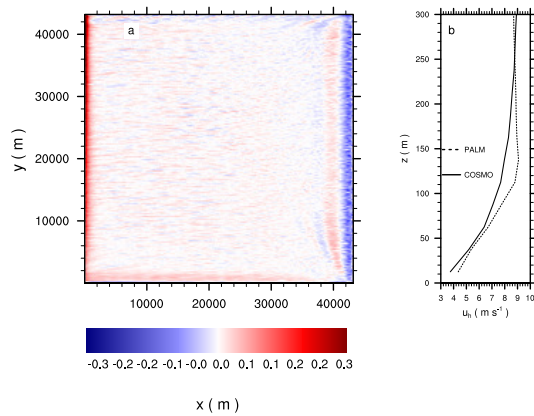
**Fig. 1.** Instantaneous x-z-cross-section of the simulated potential temperature using homogeneous boundary conditions

C2



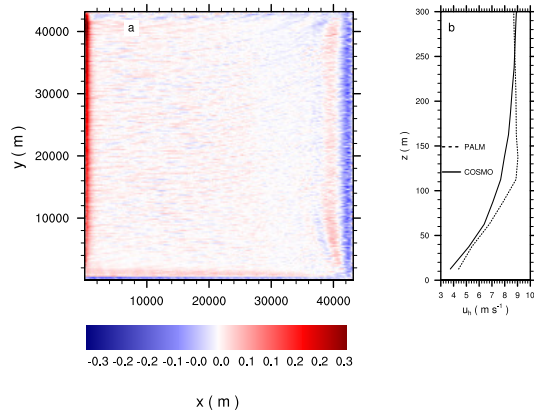
**Fig. 2.** Instantaneous x-z-cross-section of the simulated potential temperature using heterogeneous boundary conditions

C3



**Fig. 3.** Vertical velocity at 3 UTC averaged over 30 minutes, without lateral relaxation

C4



**Fig. 4.** Vertical velocity at 3 UTC averaged over 30 minutes, with 25-grid-points-wide lateral relaxation