

Interactive comment on “Hindcast regional climate simulations within EURO-CORDEX: evaluation of a WRF multi-physics ensemble” by E. Katragkou et al.

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We thank Dr Evans for his review. Below we respond to his comments:

1) We updated our literature review with respect to the importance of the PBL scheme and included the suggested references.

2) We agree that nudging will not completely correct an SLP bias but it will improve it, especially in the wintertime as the upper level flow acts as a wave guide for synoptic disturbances, which do affect SLP. Also the upper level troughs and ridges induce secondary circulation that also impacts SLP.

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Technical comments: Minor corrections for comments 3-6; 8-16 in the revised manuscript

Comment 7: All figures which were not shown, are now added as a supplementary material (Figures S4,S5, S6, S9, S10).

Please also note the supplement to this comment:

<http://www.geosci-model-dev-discuss.net/7/C3222/2015/gmdd-7-C3222-2015-supplement.zip>

Interactive comment on Geosci. Model Dev. Discuss., 7, 6629, 2014.

GMDD

7, C3222–C3223, 2015

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