

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.

C3222

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.

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