

Review: How do different pathways connect the stratospheric polar vortex to its tropospheric precursors?

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Comments to the Authors

I would like to thank the authors for careful consideration of my comments and the comments of two other reviewers. I think that the revised manuscript clarifies points where I was not fully convinced and I appreciate the authors testing some suggestions I made. I think that using the Eliassen-Palm flux benefited the study and made the results more robust. I therefore only have minute comments/typo corrections left, after which I see the manuscript ready to be published.

Minor comments

L104 maybe 'EP flux **at** 100 hPa'?

L139 '..the qualitative agreement between ICON and ERA5 **is given.**' I am not sure that I understand the word 'given' in this context: given where? If you refer to some figures, please, provide the figure numbers, or, maybe, you mean 'is shown'/'can be seen (Figure xx)'/etc.?

L379 Appendix: 'amplitudes'