

Interactive comment on “Comparison of gravity wave propagation direction observed by mesospheric airglow imaging at three different latitudes by using M-transform” by Septi Perwitasari et al.

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The authors would like to thank the Anonymous Referee #2 for his/her time and the valuable comments that help to improve the manuscript.

Referee’s comment: The only area that could be improved is a more detailed analysis of the relationship between wave phase speed distribution and background wind, which may lead to more conclusive findings. This could be another follow-up work.

Response: Yes, we are preparing a more comprehensive analysis study on the rela-

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tionship of phase speed distribution, background wind and AGWs source by including more data for all seasons with more global coverage.

Interactive comment on Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2018-107>, 2018.