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Discussions

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.

Anonymous Referee #2

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This paper presents a very useful software package for analyzing airglow imagers and provides their phase speed distribution. It is applied to 3 stations and different distributions of phase velocities are found. These are explained with the possible wave source difference and difference in background wind. The writing is clear, and the presentation is concise and to the point. 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.

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