

Interactive comment on “Reduction of ZTD outliers through improved GNSS data processing and screening strategies” by Katarzyna Stepniak et al.

Anonymous Referee #2

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The manuscript presented a new base-line strategy and new postprocessing screening procedure to reduce ZTD outliers. The authors did a good job in describing the technical details and validated the methods by comparing with ERA-Interim reanalysis. I have two recommendations to improve the manuscript. (1) It would be useful to discuss why the authors are trying to improving the double-difference processing rather than just using PPP in the introduction, just more elaboration on what has been discussed in the “Conclusions” section. (2) I would recommend that the authors discuss the potential application of proposed methods, such as applying them to historical data to generate a new data with less outliers or to the operational processing to improve future ZTD estimates. So the whole community can benefit.

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Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2017-371, 2017.

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