

Interactive comment on “A Radar Reflectivity Operator with Ice-Phase Hydrometeors for Variational Data Assimilation (RadZIceVarv1.0) and Its Evaluation with Real Radar Data” by Shizhang Wang and Zhiquan Liu

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Received and published: 20 July 2019

According to editor’s comment, we uploaded the code of RadarVar v1.0 and scripts for running experiments. The RadarVar v1.0 operator is integrated into the community WRFDA software and will be publicly available in a future release. The code of RadarVar v1.0 and the scripts for running experiments in this study can be obtained at https://github.com/children1985/WRFDA_gmdd. The GFS data are available at <https://www.ncdc.noaa.gov/data-access/model-data/model-datasets/global-forecast-system-gfs> and the radar data can be downloaded at

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<https://www.ncdc.noaa.gov/nexradinv/>.

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2019-67>, 2019.

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