

Interactive comment on “Quality-based generation of weather radar Cartesian products” by K. Ośródk and J. Szturc

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We have prepared new version, but due to a high number of corrections we are attaching it in the two forms: (i) the old text with marked all changes, (ii) the new text only, as both WORD and PDF files.

The idea is quite interesting for operational framework, but the definition of QI is mainly autoreferential.

Answer: We have added some references for the QI definition and operational uses.

The manuscript, however, needs major revisions in terms of clarity.

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Answer: The new version of the paper is radically changed, especially in terms of clarity.

There is a lack of clarity in define inside and outside algorithms.

Answer: The passages were thoroughly improved as well.

The authors fail to show in a clear way the impact of the QI on radar product and thar "new" products are better than "old" ones.

Answer: new Section "Validation" has been added to show comparison between the "old" and "new" products quantitatively.

Please also note the supplement to this comment:

<http://www.atmos-meas-tech-discuss.net/7/C4991/2015/amtd-7-C4991-2015-supplement.zip>

Interactive comment on Atmos. Meas. Tech. Discuss., 7, 11711, 2014.