Atmos. Meas. Tech. Discuss., 7, C4991–C4992, 2015 www.atmos-meas-tech-discuss.net/7/C4991/2015/

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7, C4991-C4992, 2015

Interactive Comment

Interactive comment on "Quality-based generation of weather radar Cartesian products" by K. Ośródka 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.

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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.

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