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Interactive comment on "Regional CO₂ flux estimates for 2009–2010 based on GOSAT and ground-based CO₂ observations" by S. Maksyutov et al.

S. Maksyutov et al.

shamil@nies.go.jp

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Authors are grateful to Andy Jacobson for his review comments and suggestions. As a result we made several changes to the manuscript intended to clarify our presentation.

Replies to the review comments follow in the supplement.

Please also note the supplement to this comment: http://www.atmos-chem-phys-discuss.net/12/C13911/2013/acpd-12-C13911-2013supplement.pdf

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Interactive comment on Atmos. Chem. Phys. Discuss., 12, 29235, 2012.



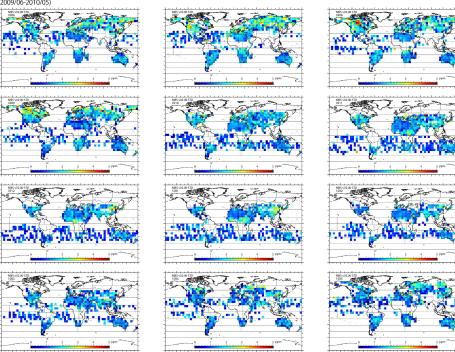


Fig. 1. Fig A Distribution of GOSAT L2 standard deviations

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| Figure Uncertainty reduction rate [Jun. 2009 - May 2010] 0906 0907 | 0908 | 2929 | 0910 | 0911 | 0912 | 1001 | 1002 | 1003 | 1004 | 1005 |
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Fig. 2. Fig B Uncertainty reduction rate (GV vs GV+GOSAT)

Figure: Uncertainty reduction rate (2009/06-2010/05)

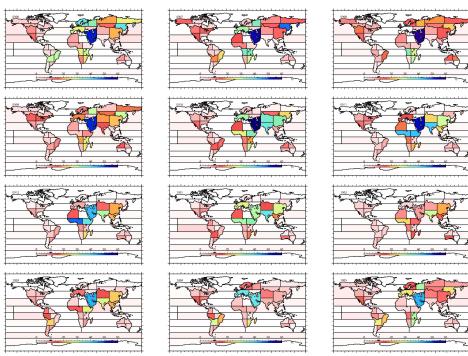


Fig. 3. Fig C Uncertainty reduction rate by month

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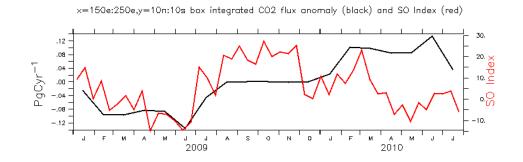


Fig. 4. Fig D IAV of oceanic flux in Trop. Pacific