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Atmospheric Measurement Techniques Discussions

Interactive comment on "Wave-optics uncertainty propagation and regression-based bias model in GNSS radio occultation bending angle retrievals" *by* Michael Gorbunov and Gottfried Kirchengast

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See the attached PDF file and Figure 3 and 8 from the new version of the paper.

Please also note the supplement to this comment:
https://www.atmos-meas-tech-discuss.net/amt-2017-145/amt-2017-145-AC1-supplement.pdf

Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2017-145, 2017.

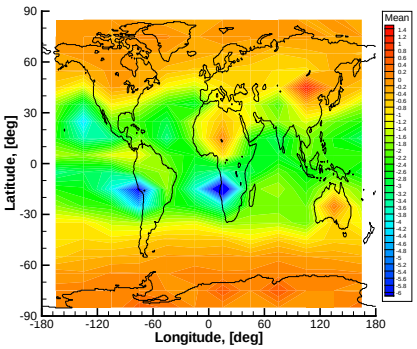

Figure 3. Deviation statistics obtained for real RO data: latitude-longitude map of inversion statistics of COSMIC observations relative to ECWMF profiles without fluctuations, for refractivity at altitude of 0.6 km. Results are shown for COSMIC events and concurrent ECWMF analysis fields from the 1st, 11th, and 21th day of every month of year 2008.

Fig. 1.

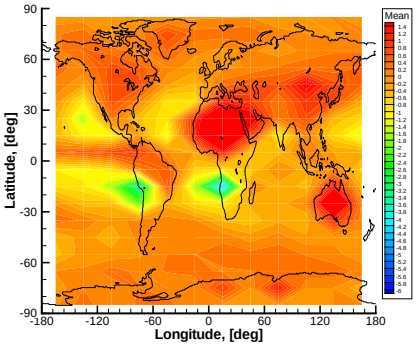

Figure 8. Deviation statistics based on original BLB-corrected bending angles:: latitude-longitude map of inversion statistics of COSMIC observations relative to ECWMF profiles without fluctuations, for refractivity at altitude of 0.6 km. Results are shown for COSMIC events and concurrent ECWMF analysis fields from the 1st, 11th, and 21th day of every month of year 2008.

Fig. 2.