Supplement of

Relative drifts and biases between six ozone limb satellite measurements from the last decade

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Contour plots of derived parameters: relative drift α and relative bias β from the multi-regression model are shown herefor all pair combinations and latitude bands.

Following pairs of comparison/reference sensors are included here, as shown in Table 1. The differences in contour plots are shown as Comp. - Ref. (see Fig. 1 - Fig. 15). In the contour plots the areas of statistically significant values at confidence interval CI=95 %, i.e., $(\alpha, \beta) > 2 \sigma_{(\alpha, \beta)}$ are marked with black contour lines.

Table 1: Pairwise combinations of comparison sensor (Comp.) and reference sensor (Ref.).

Comp./Ref.	SCIAMACHY	GOMOS	OSIRIS	MIPAS	ACE-FTS	SMR
SCIAMACHY	-	-	-	-	-	-
GOMOS	Y	-	-	-	-	-
OSIRIS	Y	Y	-	-	-	-
MIPAS	Y	Y	Y	-	-	-
ACE-FTS	Y	Y	Y	Y	-	-
SMR	Y	Y	Y	Y	Y	-

Figure 1: GOMOS - SCIAMACHY

Figure 2: OSIRIS - SCIAMACHY

Figure 3: OSIRIS - GOMOS

Figure 4: MIPAS - SCIAMACHY

Relative Bias distribution MIPAS V5R_220 - GOMOS V6 2005 - 2010

Relative Drift distribution MIPAS V5R_220 - GOMOS V6 2005 - 2010

Figure 5: MIPAS - GOMOS

Relative Bias distribution MIPAS V5R_220 - OSIRIS_V5.01 2005 - 2010

Relative Drift distribution MIPAS V5R_220 - OSIRIS_V5.01 2005 - 2010

Figure 6: MIPAS - OSIRIS

Figure 7: ACE FTS - SCIAMACHY

Figure 8: ACE FTS - GOMOS

Figure 9: ACE FTS - OSIRIS

Relative Bias distribution ACE V 3.0 - MIPAS_V5_R_220 2005 - 2010

Relative Drift distribution ACE V 3.0 - MIPAS_V5_R_220 2005 - 2010

Figure 10: ACE FTS - MIPAS

Figure 11: SMR - SCIAMACHY

Figure 12: SMR - GOMOS

Figure 13: SMR - OSIRIS

Relative Bias distribution SMR V2.1 - MIPAS_V5_R_220 2005 - 2010

Relative Drift distribution SMR V2.1 - MIPAS_V5_R_220 2005 - 2010

Figure 14: SMR - MIPAS

Figure 15: SMR - ACE FTS