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

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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>
<thead>
<tr>
<th>Comp./Ref.</th>
<th>SCIAMACHY</th>
<th>GOMOS</th>
<th>OSIRIS</th>
<th>MIPAS</th>
<th>ACE-FTS</th>
<th>SMR</th>
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Contour plots of derived parameters: relative drift $\alpha$ and relative bias $\beta$ from the multi-regression model are shown here for all pair combinations and latitude bands.
Figure 1: GOMOS - SCIAMACHY
Figure 2: OSIRIS - SCIAMACHY
Figure 3: OSIRIS - GOMOS
Figure 4: MIPAS - SCIAMACHY
Figure 5: MIPAS - GOMOS
Figure 6: MIPAS - OSIRIS
Figure 7: ACE FTS - SCIAMACHY
Relative Bias distribution ACE V 3.0 - GOMOS V6 2004 - 2010

Relative Drift distribution ACE V 3.0 - GOMOS V6 2004 - 2010

Figure 8: ACE FTS - GOMOS
Figure 9: ACE FTS - OSIRIS
Figure 10: ACE FTS - MIPAS
Figure 11: SMR - SCIAMACHY
Figure 12: SMR - GOMOS
Figure 13: SMR - OSIRIS
Figure 14: SMR - MIPAS
Figure 15: SMR - ACE FTS