



*Supplement of*

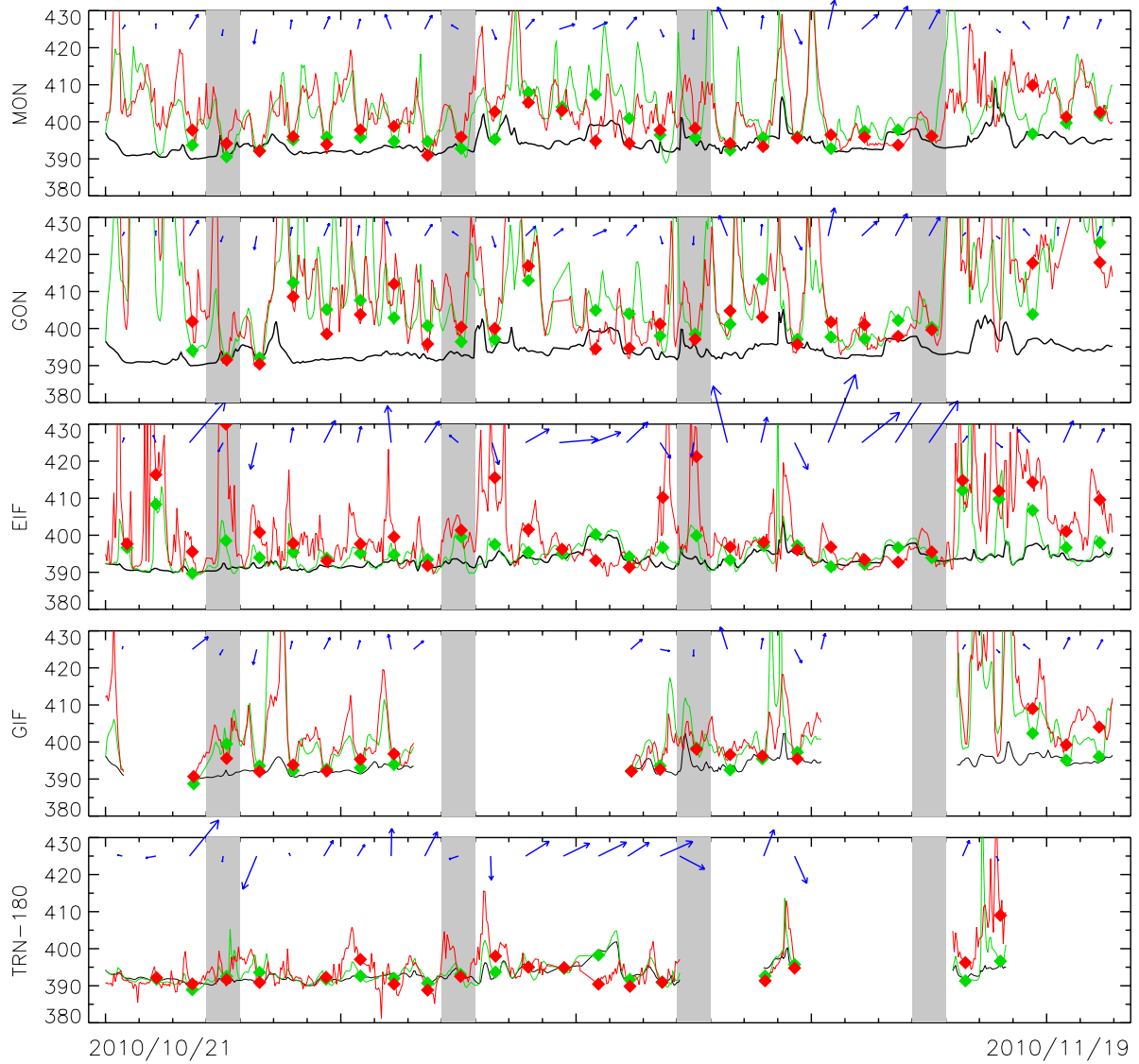
## **An attempt at estimating Paris area CO<sub>2</sub> emissions from atmospheric concentration measurements**

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1 **Supplementary material**

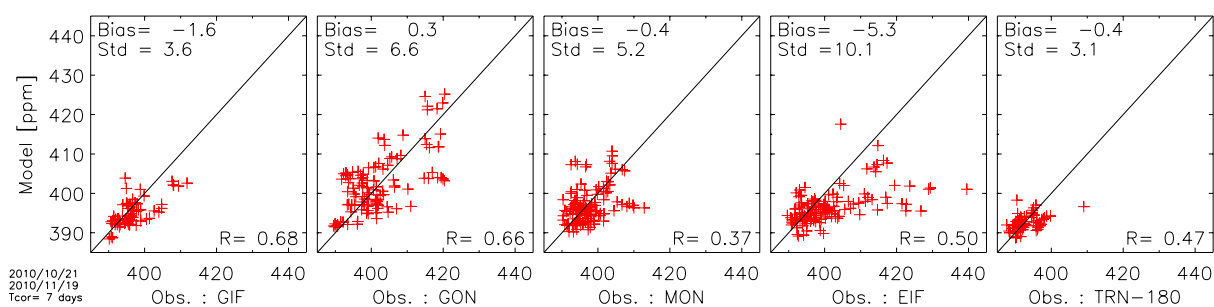
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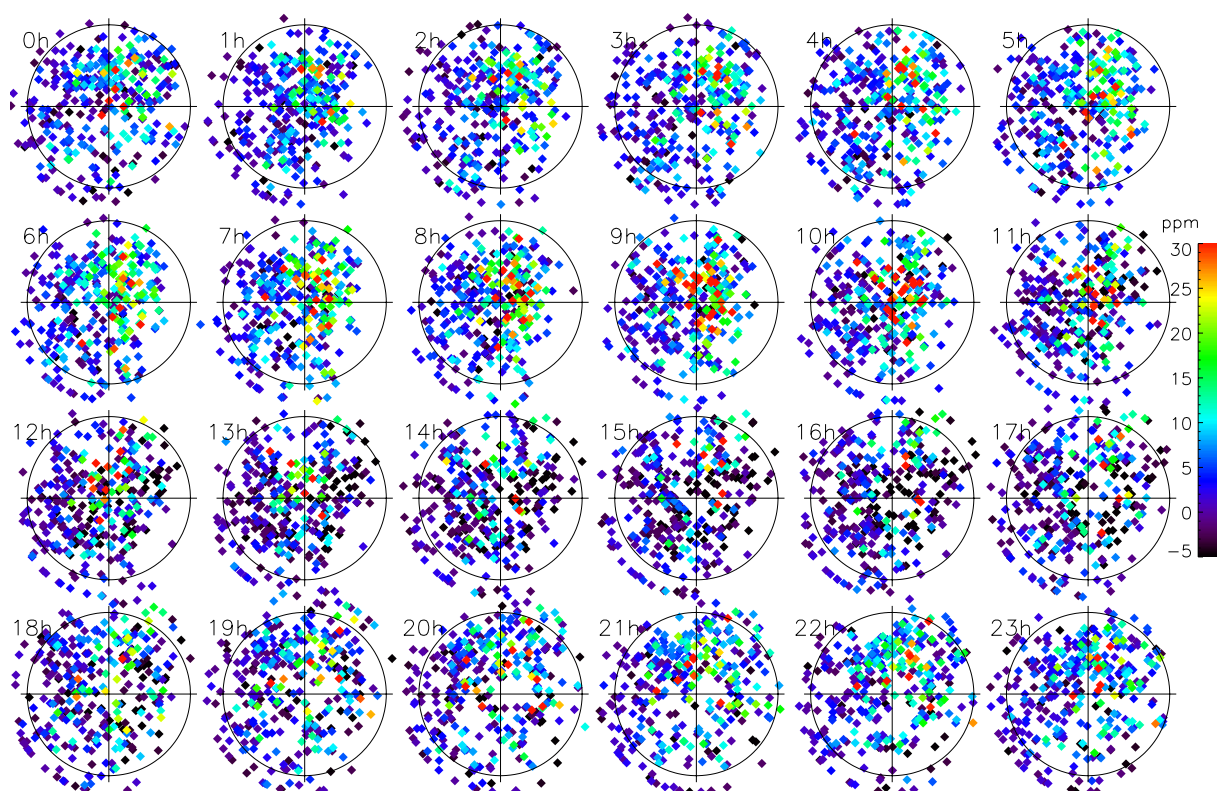
4 **Figure S- 1: Same as Figure 5 but for the 30 days period starting on October 21<sup>st</sup>.**

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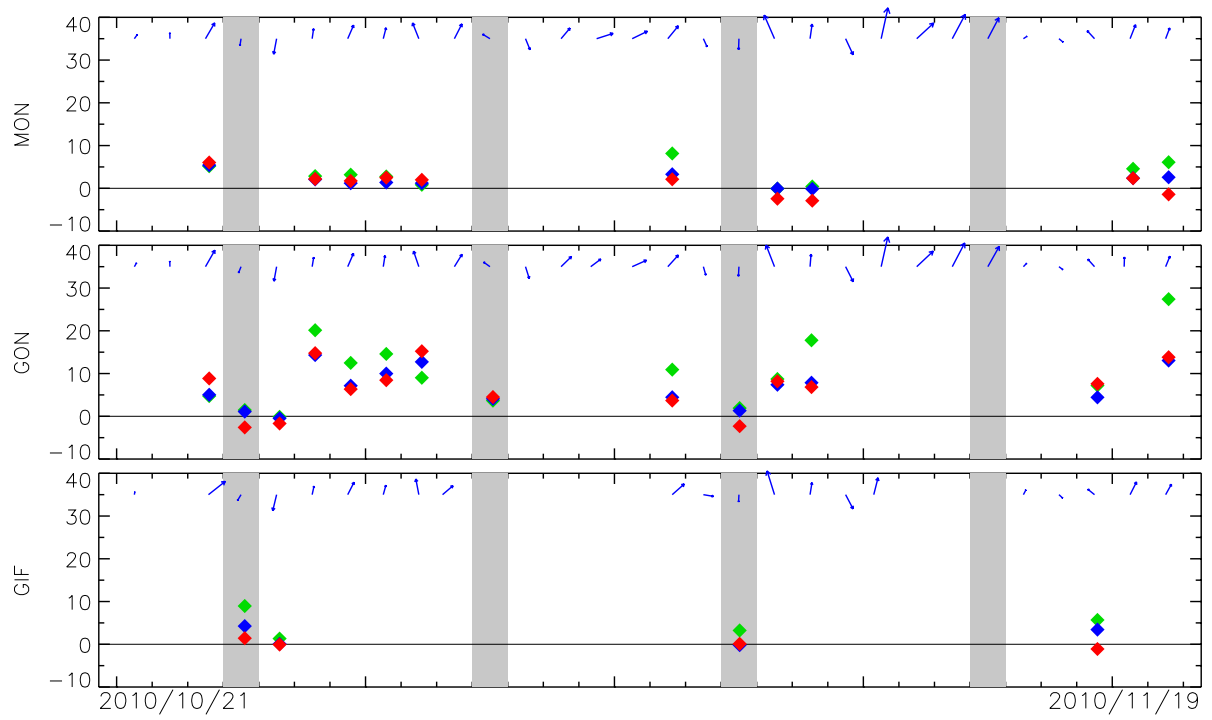
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Figure S- 2 : Same as Figure 6 but for the 30 day period starting on October 21<sup>st</sup>.



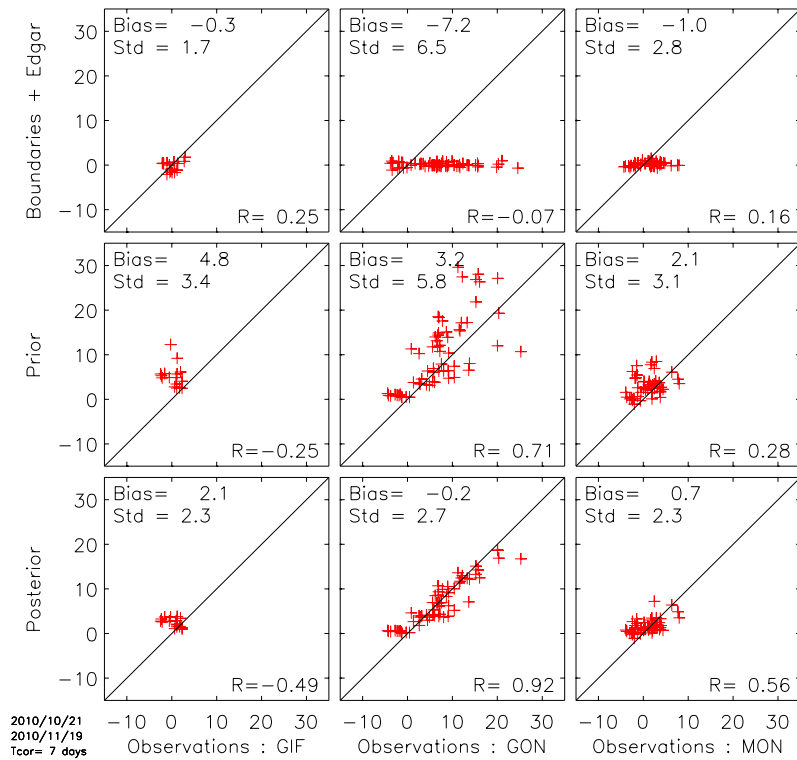
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Figure S- 3 : Measurement-Model difference in CO<sub>2</sub> mole fraction at the EIF site as a function of time, wind speed and direction. The position of the symbols indicates the wind direction (top-right is for a wind from the North-East) and speed (the circles indicate a wind of 10 m s<sup>-1</sup>). The wind speeds have been bounded at 12 m s<sup>-1</sup>.



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Figure S-4 : Same as Figure 7 but for the 30-day period starting on October 21<sup>st</sup>.



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Figure S-5 : Same as Figure 8 but for the 30-day period starting on October 21<sup>st</sup>.