Supplement of

Global XCO$_2$ anomalies as seen by Orbiting Carbon Observatory-2

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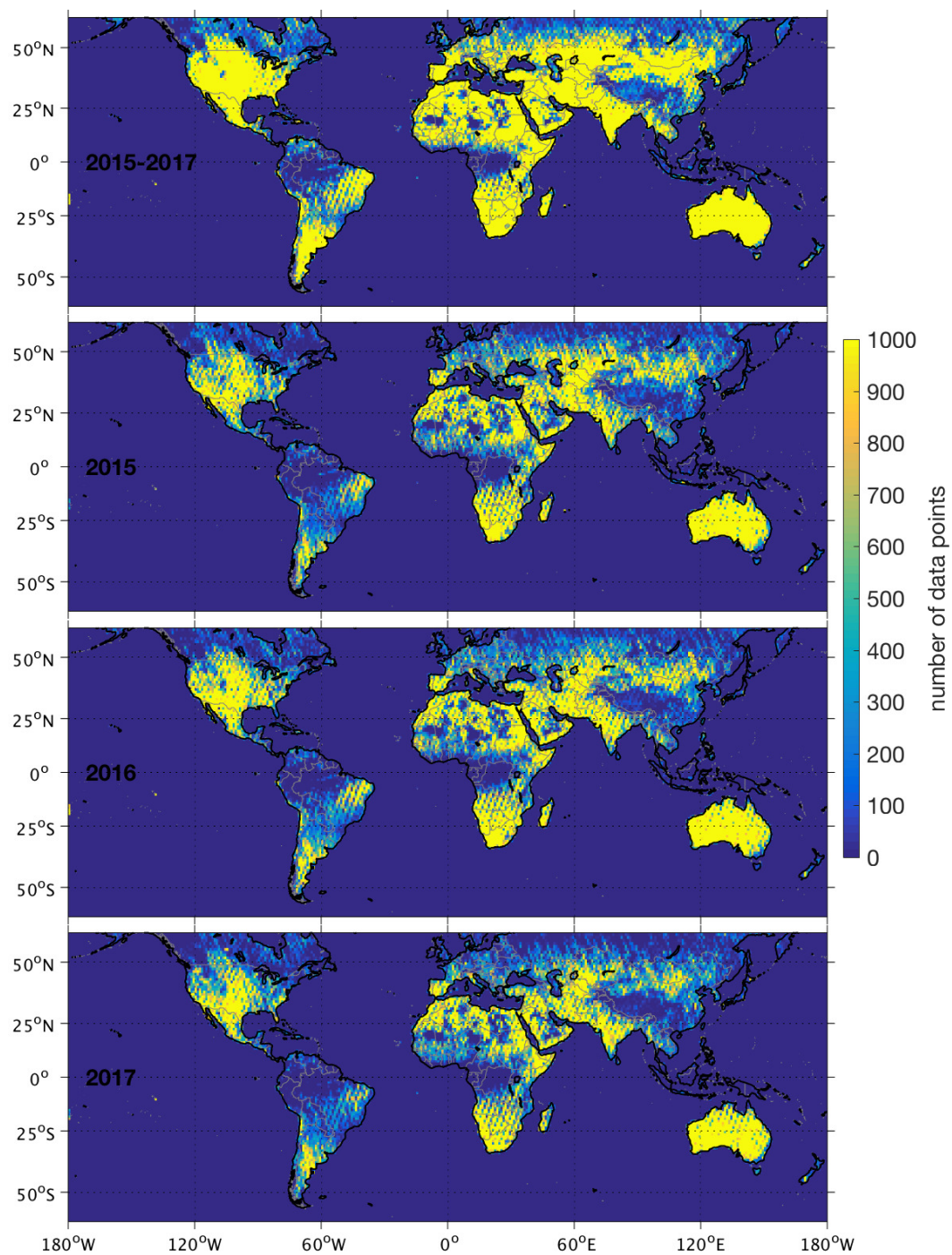
Figure S1. Number of data points on each $1° \times 1°$ grid cell.
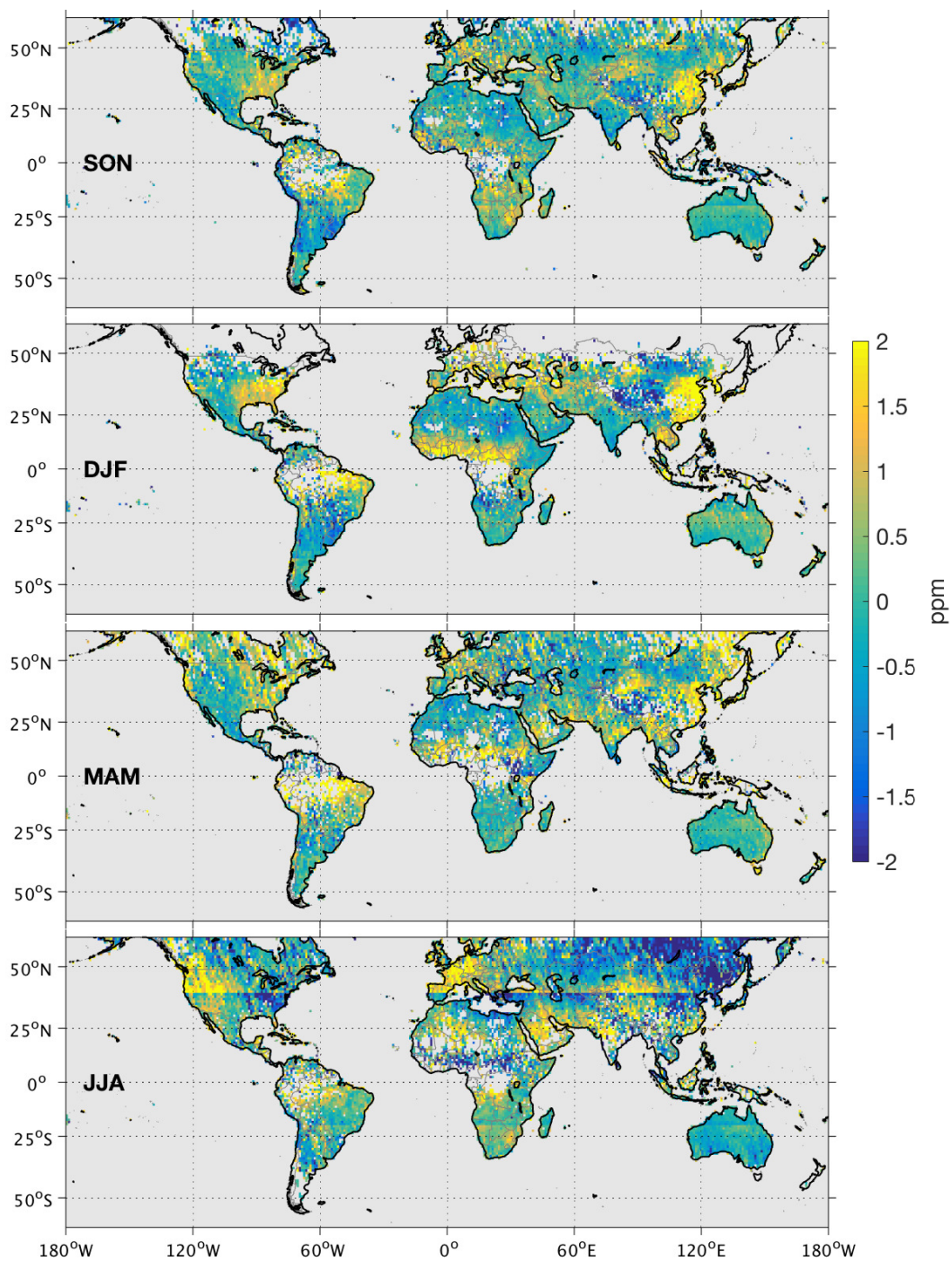
Figure S2. Seasonal XCO$_2$ anomalies. Same as Fig. 3, but anomalies calculated with 20-degree latitude bands.
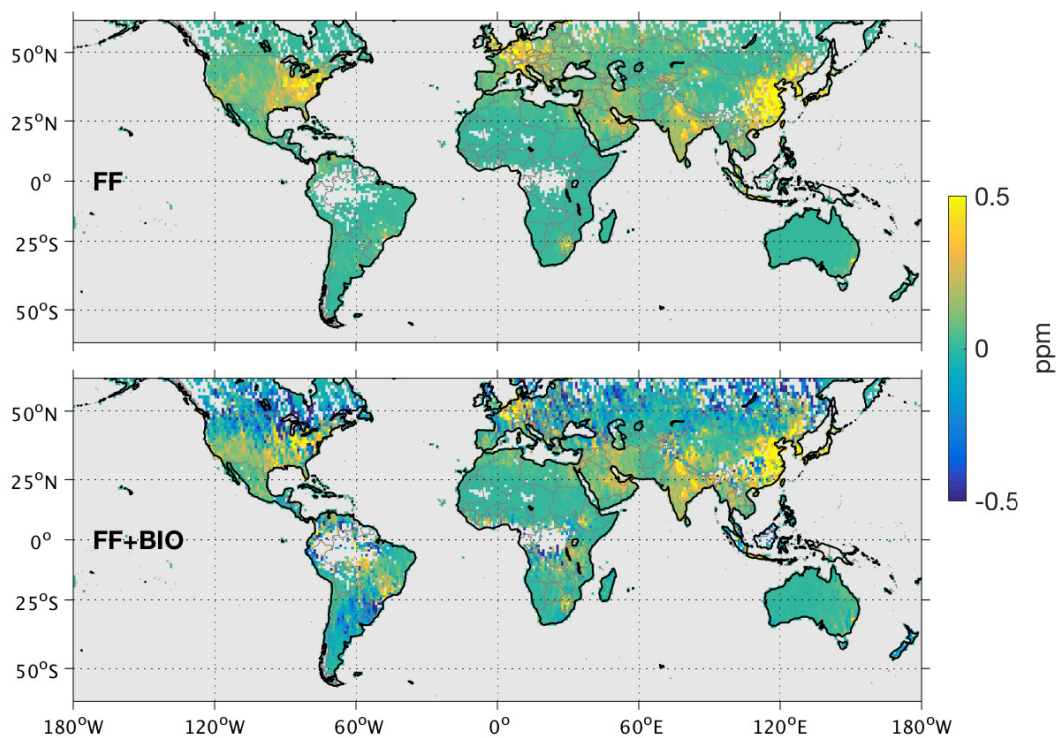
Figure S3. FLEXPART simulation results for the year 2016 with contribution from fossil fuel combustion (FF) only and also with biospheric component (FF+BIO). Supplementary material includes also the year 2016 and seasonal analysis.
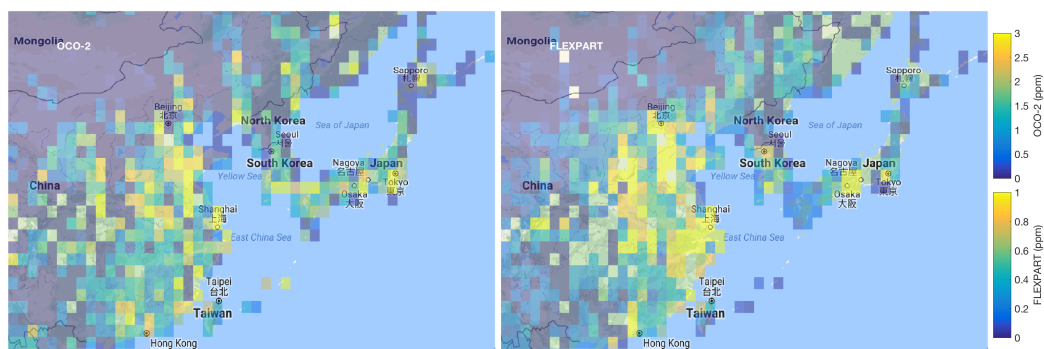
Figure S4. Case studies for the year 2015. OCO-2 XCO$_2$ anomalies and FLEXPART XCO$_2$ enhancements are overlapped to the Google map background.
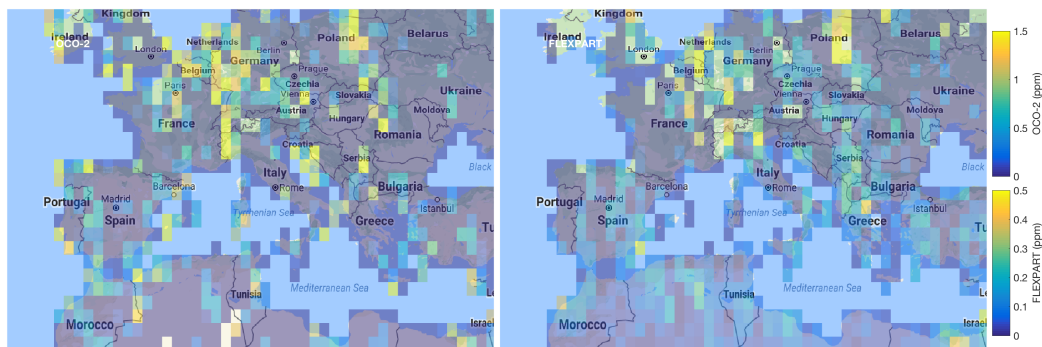
Figure S5. Case studies for the year 2015. OCO-2 XCO$_2$ anomalies and FLEXPART XCO$_2$ enhancements are overlapped to the Google map background.
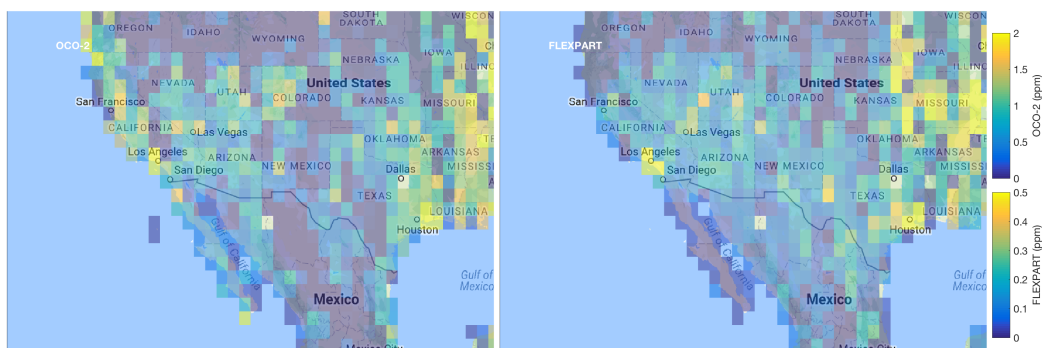
Figure S6. Case studies for the year 2015. OCO-2 XCO$_2$ anomalies and FLEXPART XCO$_2$ enhancements are overlapped to the Google map background.
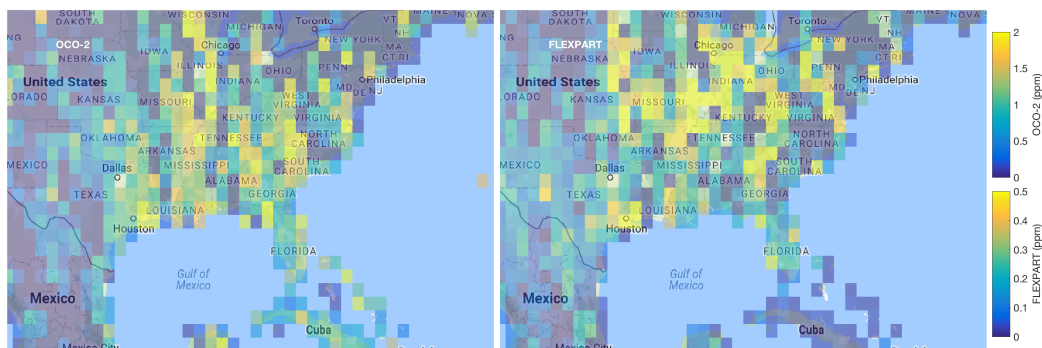
Figure S7. Case studies for the year 2015. OCO-2 XCO$_2$ anomalies and FLEXPART XCO$_2$ enhancements are overlapped to the Google map background.
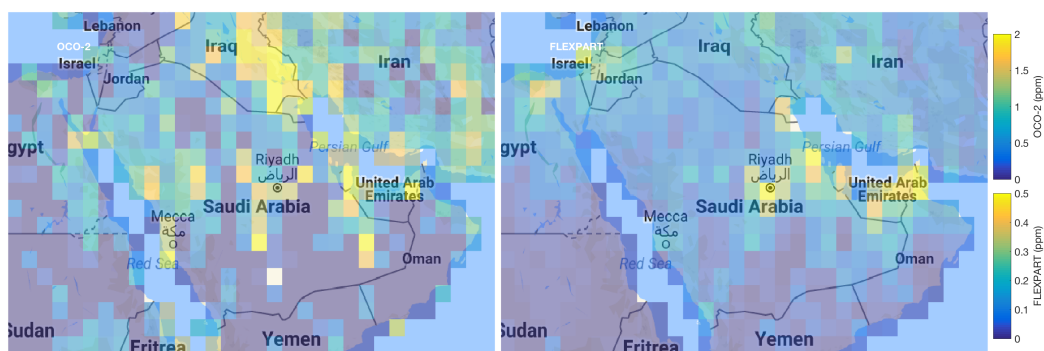
Figure S8. Case studies for the year 2015. OCO-2 XCO$_2$ anomalies and FLEXPART XCO$_2$ enhancements are overlapped to the Google map background.