

## Supplementary Material

# Impact of Nonzero Intercept Gas Transfer Velocity Parameterizations on Global and Regional Ocean–Atmosphere CO<sub>2</sub> Fluxes

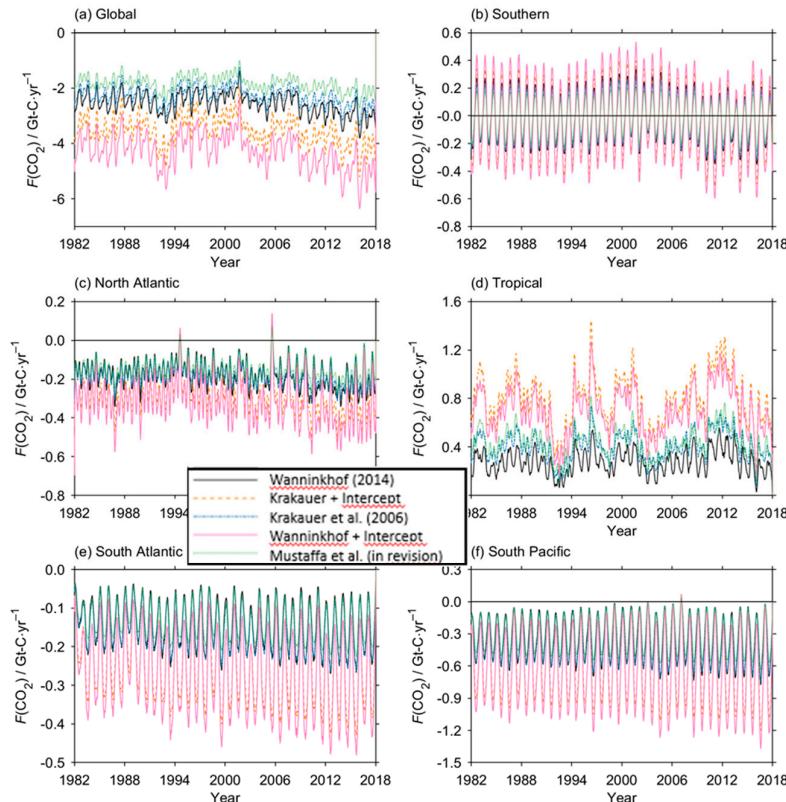
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**Figure 1.** Fluxes calculated from the pCO<sub>2</sub>-based product for the period 1982–2018. (a) Global and from (b) to (f) where higher changes are expected: (b) Southern Ocean, (c) North Atlantic, (d) Tropical, (e) South Atlantic, and (f) South Pacific. Different colors represent different parameterizations, as in Figure 5: black indicates F<sub>w</sub>, blue indicates F<sub>k</sub>, orange indicates F<sub>k+i</sub>, rose indicates F<sub>w+i</sub>, and green indicates F<sub>m</sub>. The color legend is the same as in Figure 6 of the main test.