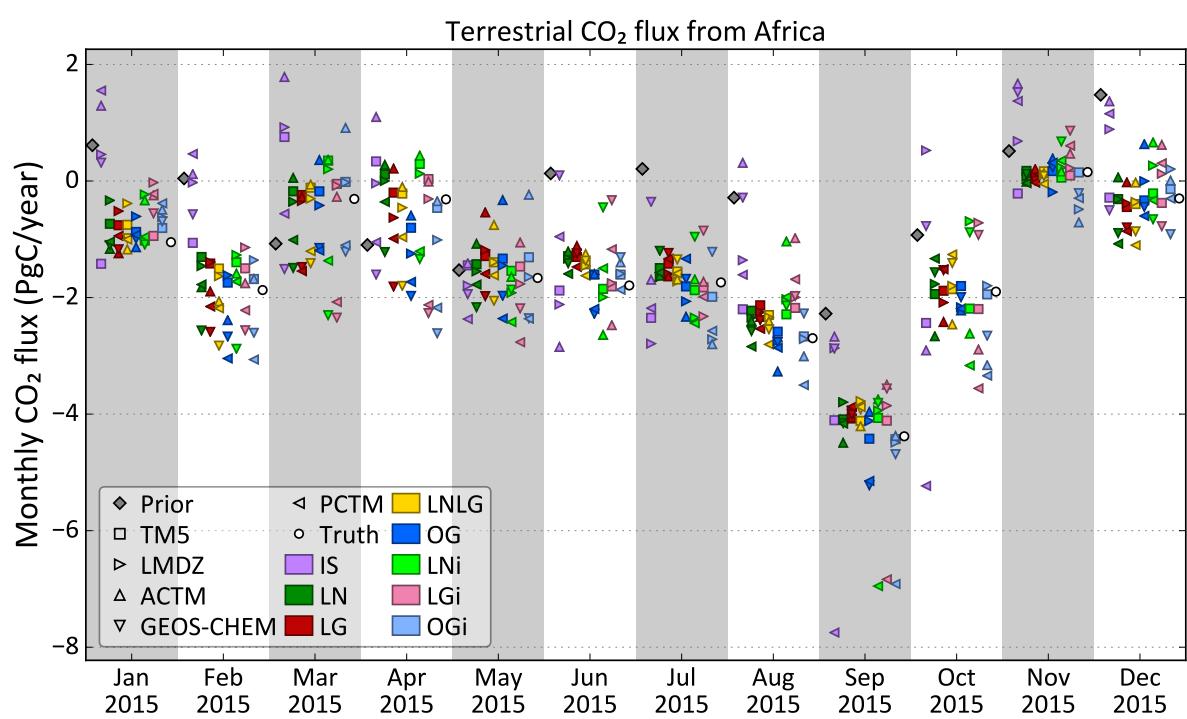


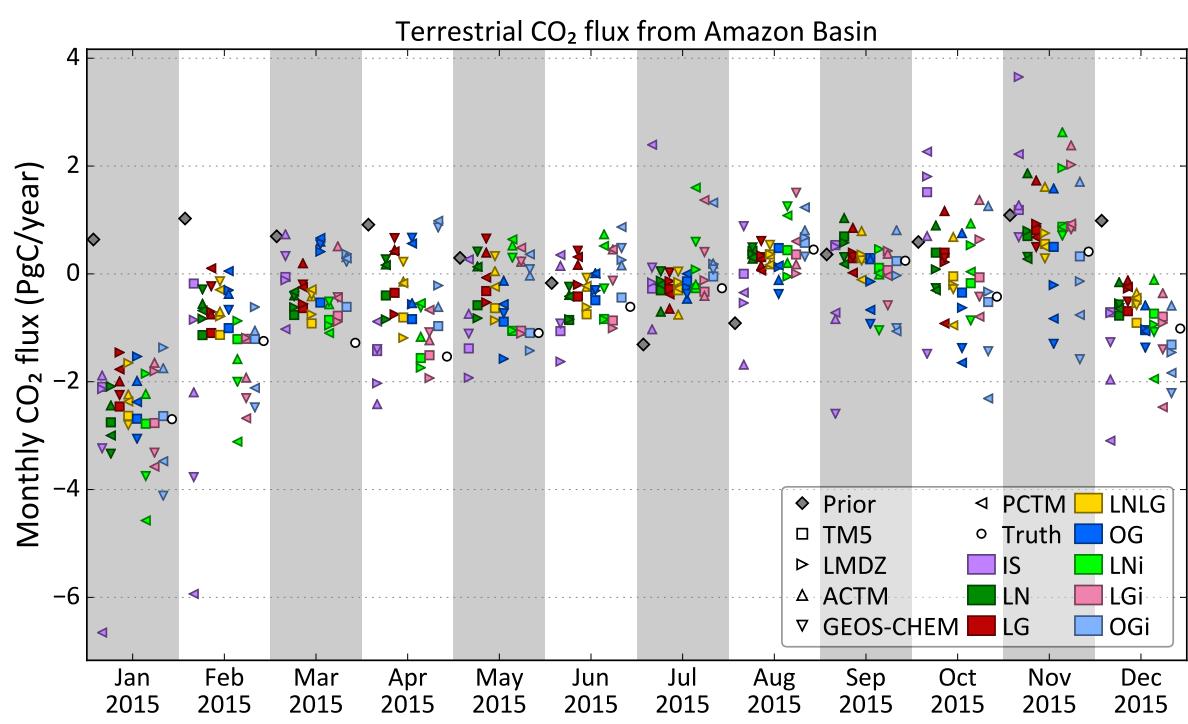
Supplementary material for “The Impact of Transport Model Differences on CO₂ Surface Flux Estimates from OCO-2 Retrievals of Column Average CO₂”

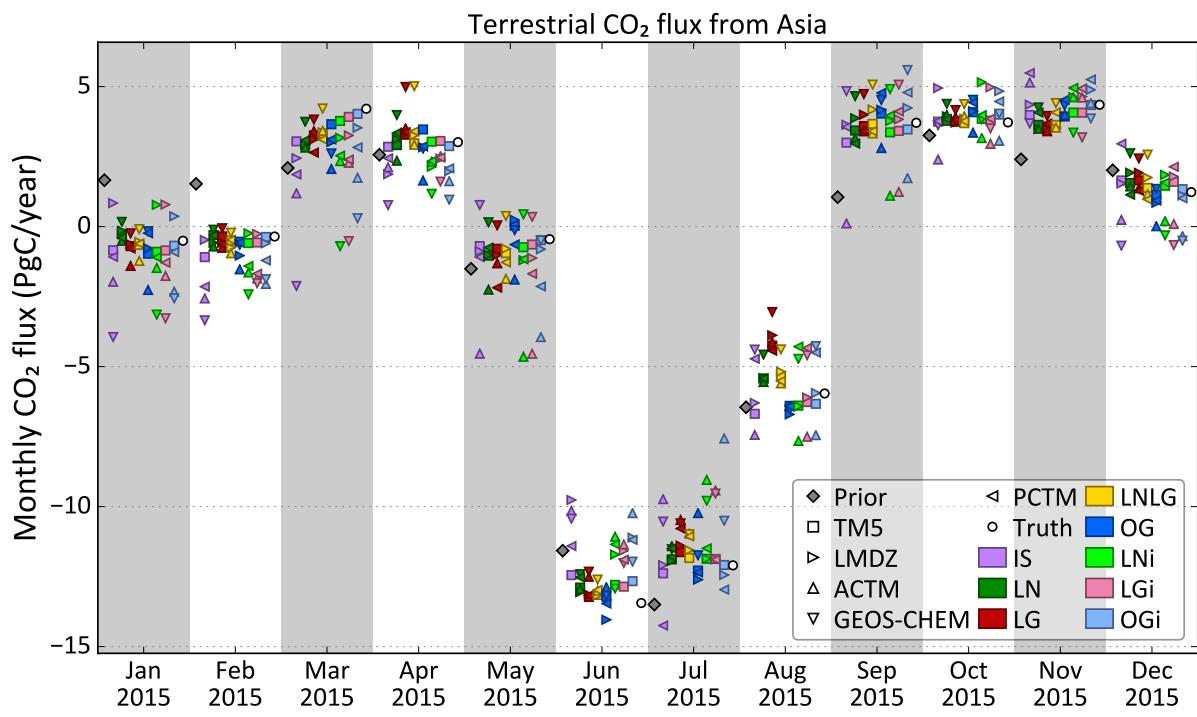
Sourish Basu, David F. Baker, Frédéric Chevallier, Prabir K. Patra, Junjie Liu, John B. Miller

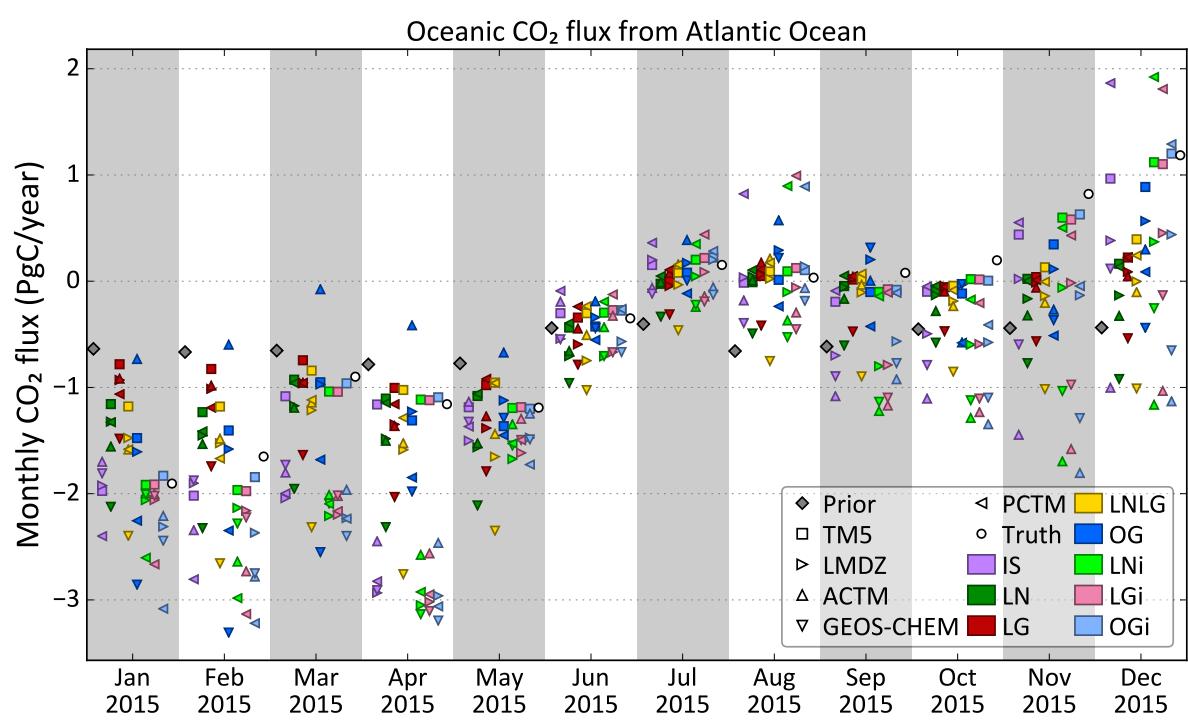
December 12, 2017

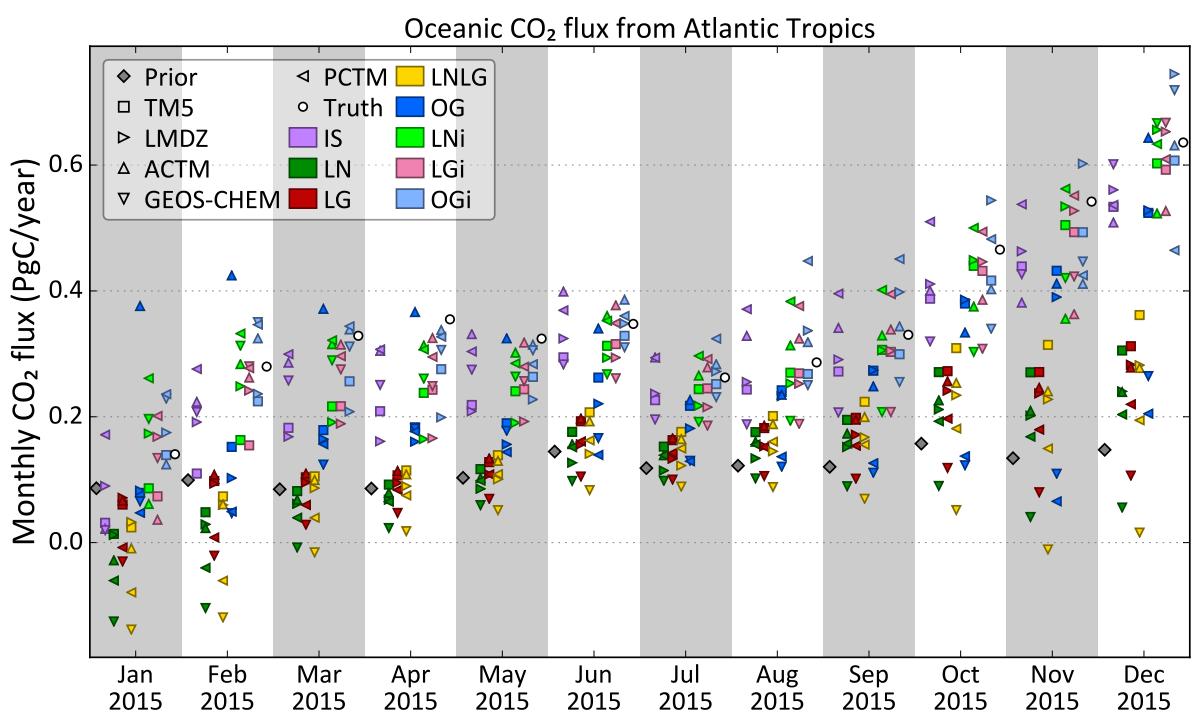
The main manuscript shows monthly CO₂ fluxes from TRANSCOM-like land and ocean regions from the five sets of pseudo-data (ACTM, LMDZ, GEOS-Chem, PCTM and TM5), non-differentiated across forward models. In this supplementary material, we present monthly fluxes from several land and ocean regions, differentiated by model, for in situ, OCO₂ and joint (OCO₂ + in situ) inversions. In the following panels, each color represents a type of data (e.g., light blue is OG_i = OCO₂ ocean glint + in situ), while each marker shape represents a forward model used to produce that pseudo-data (e.g., square is TM5).

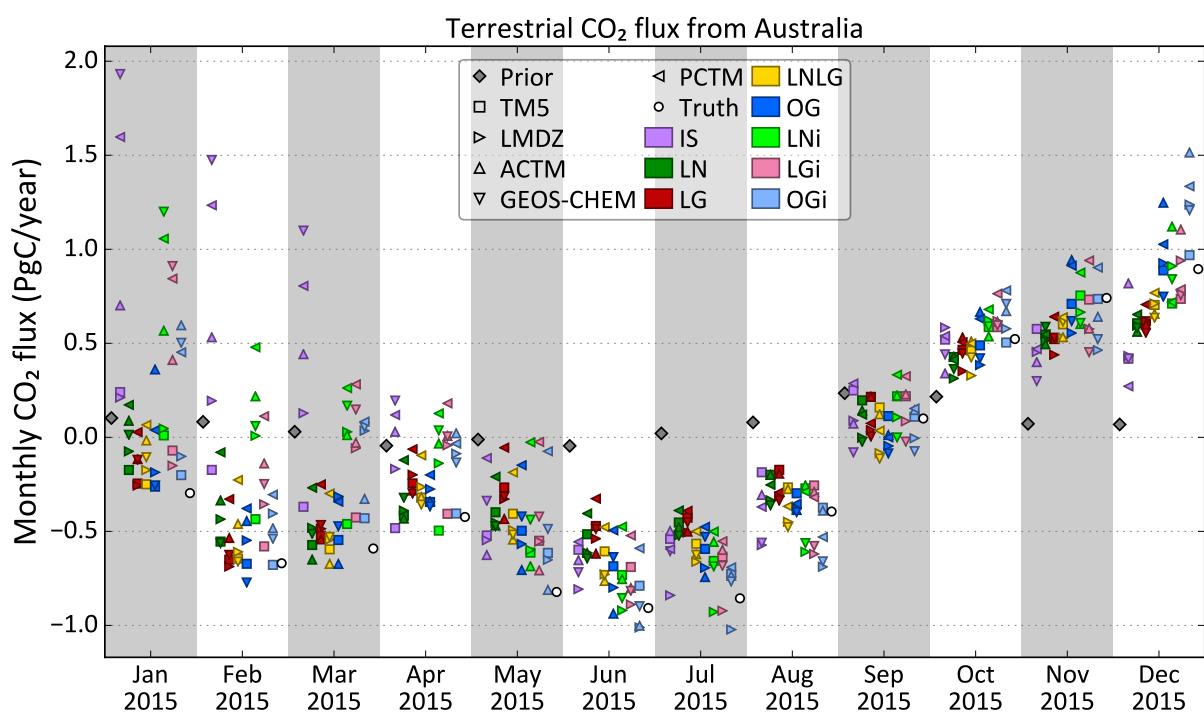


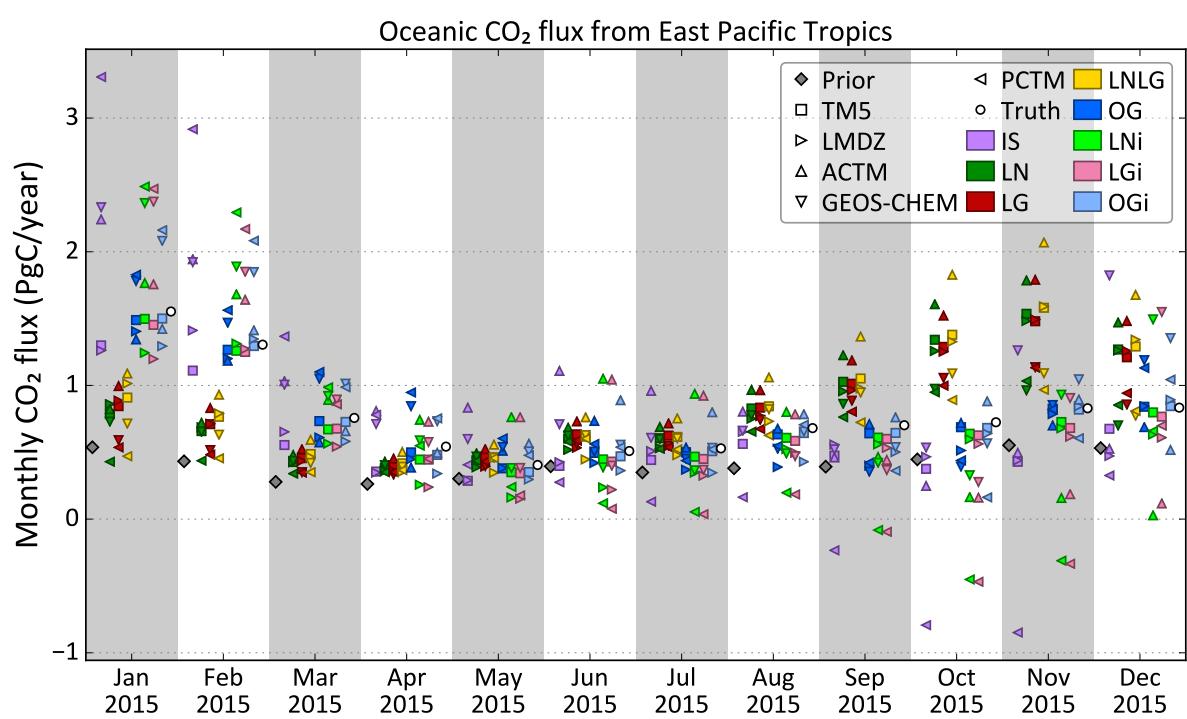


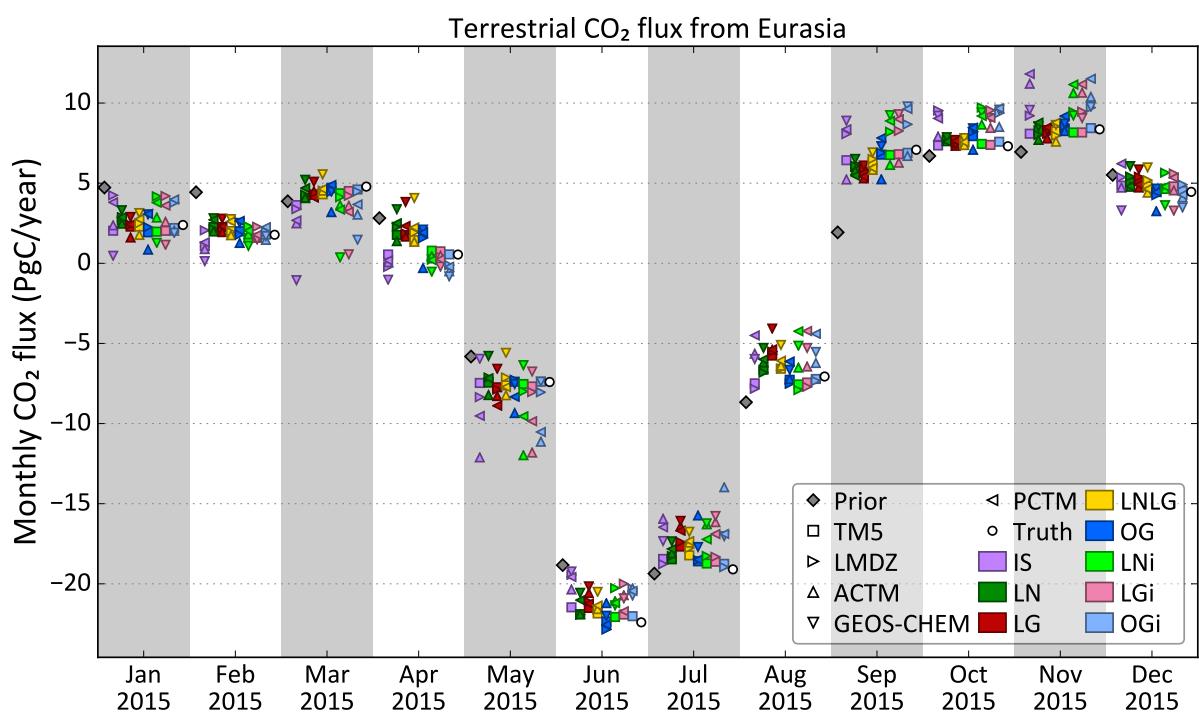


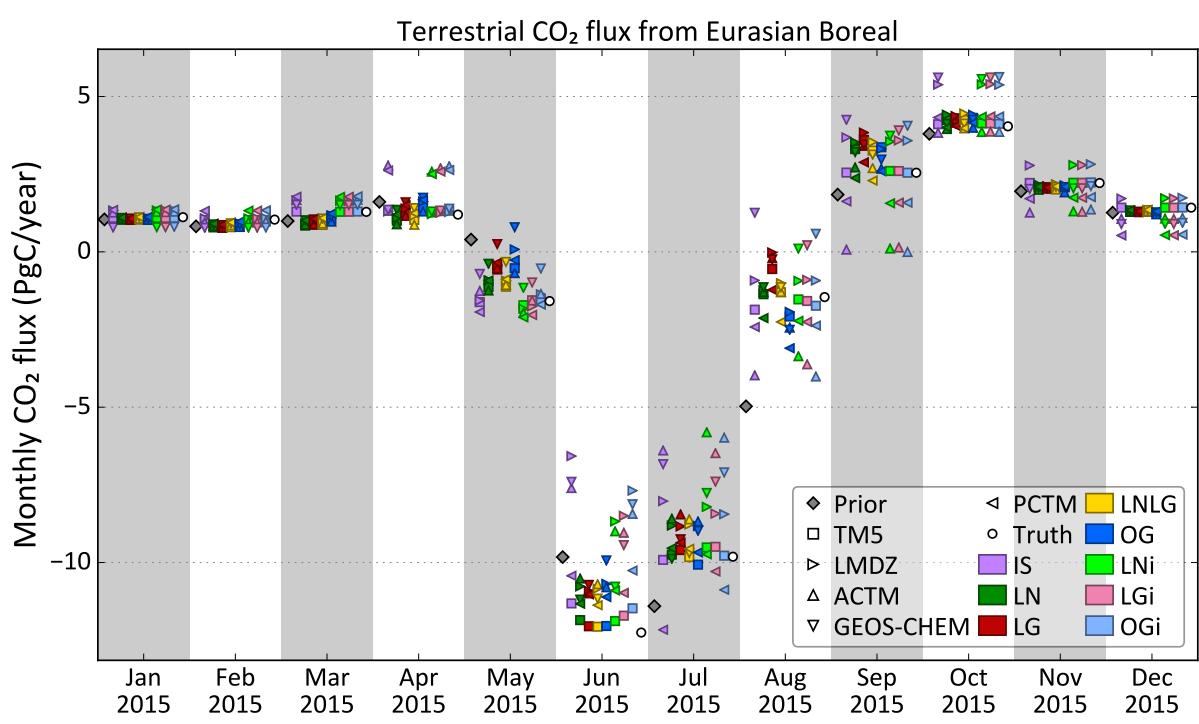


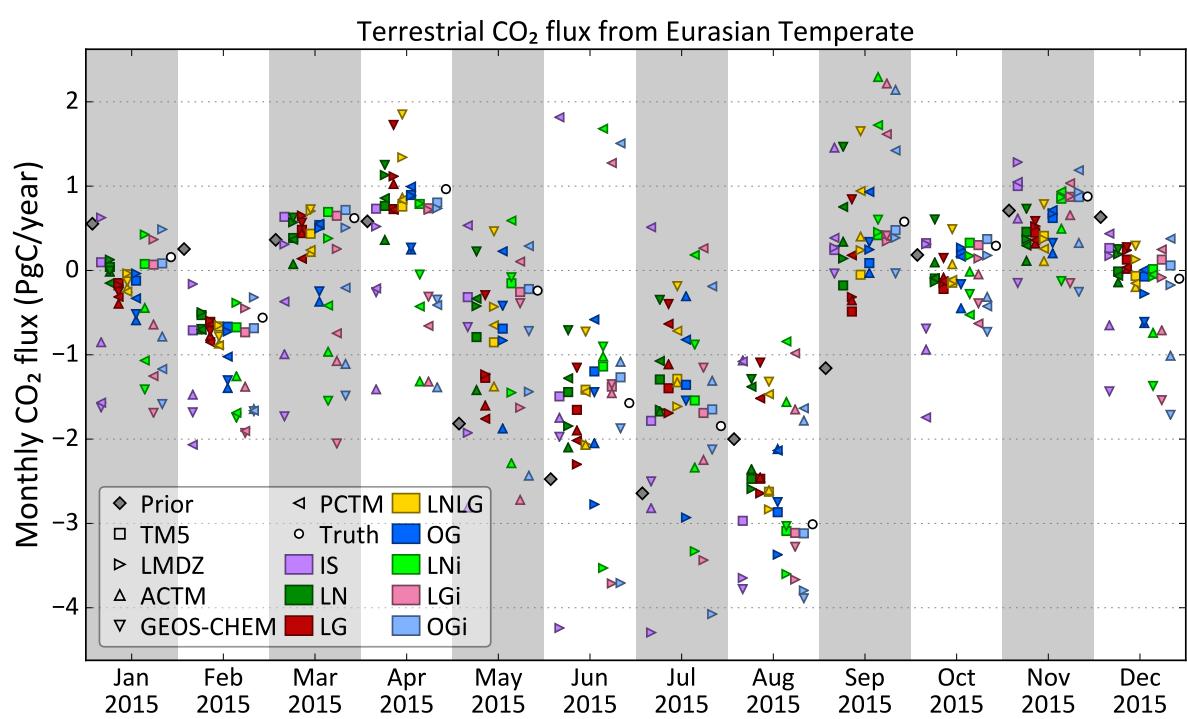


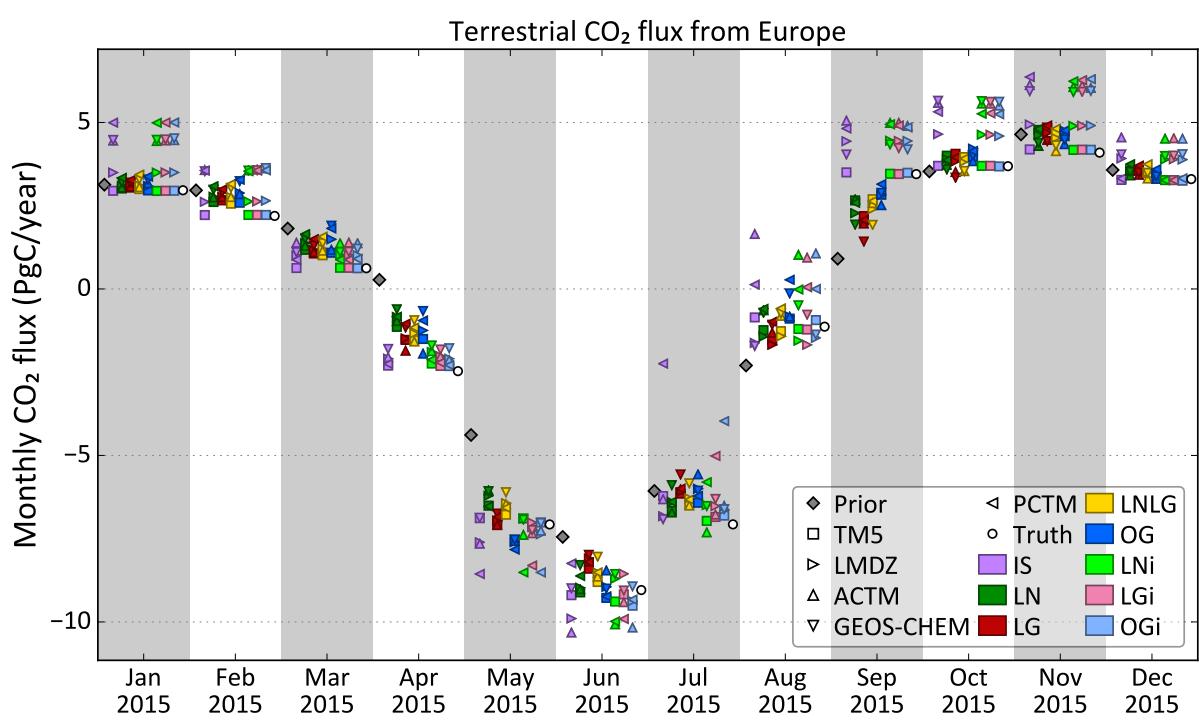


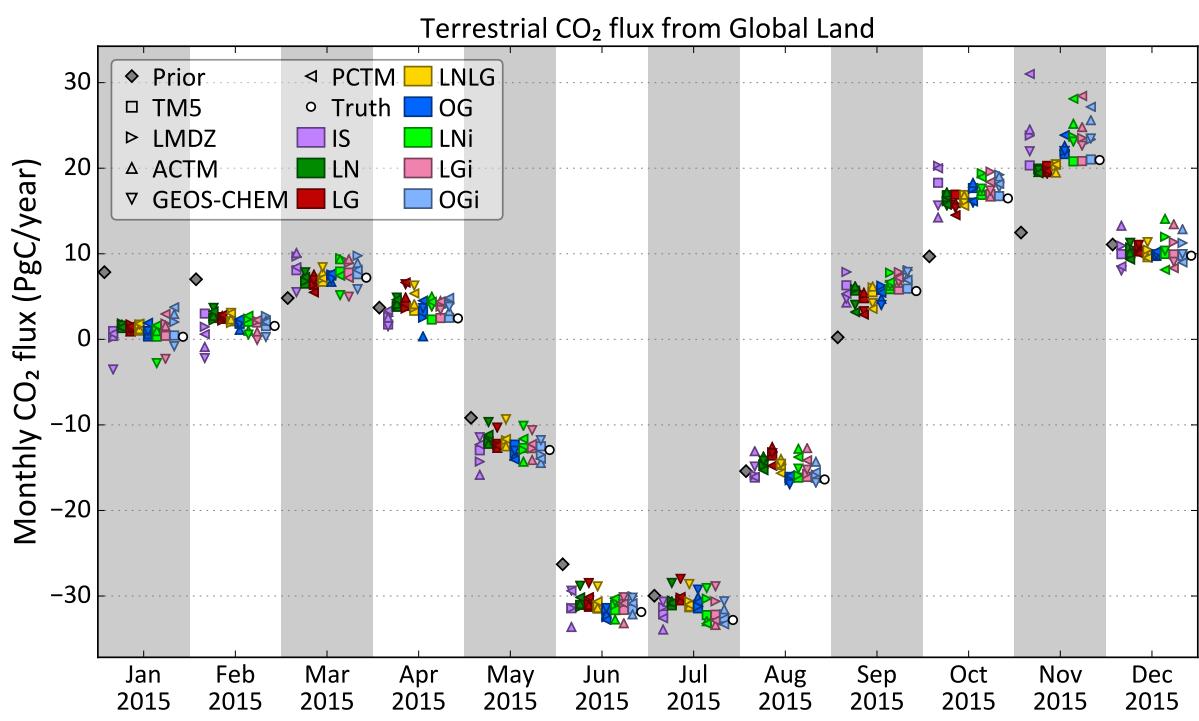


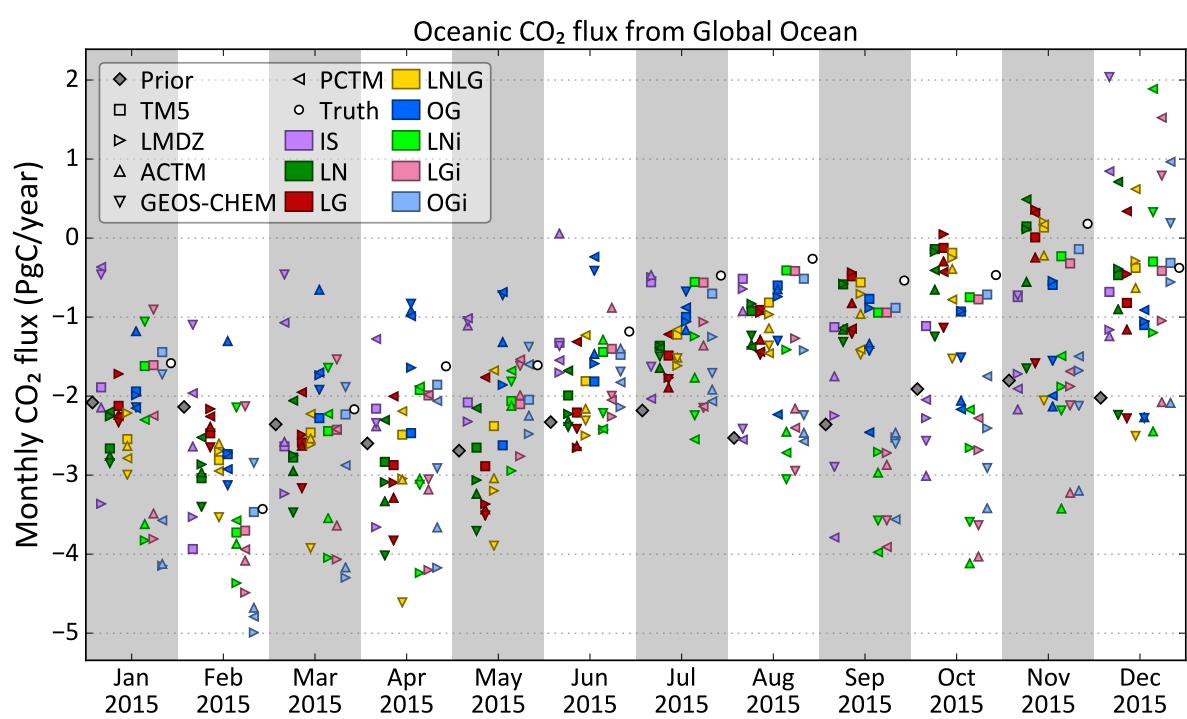


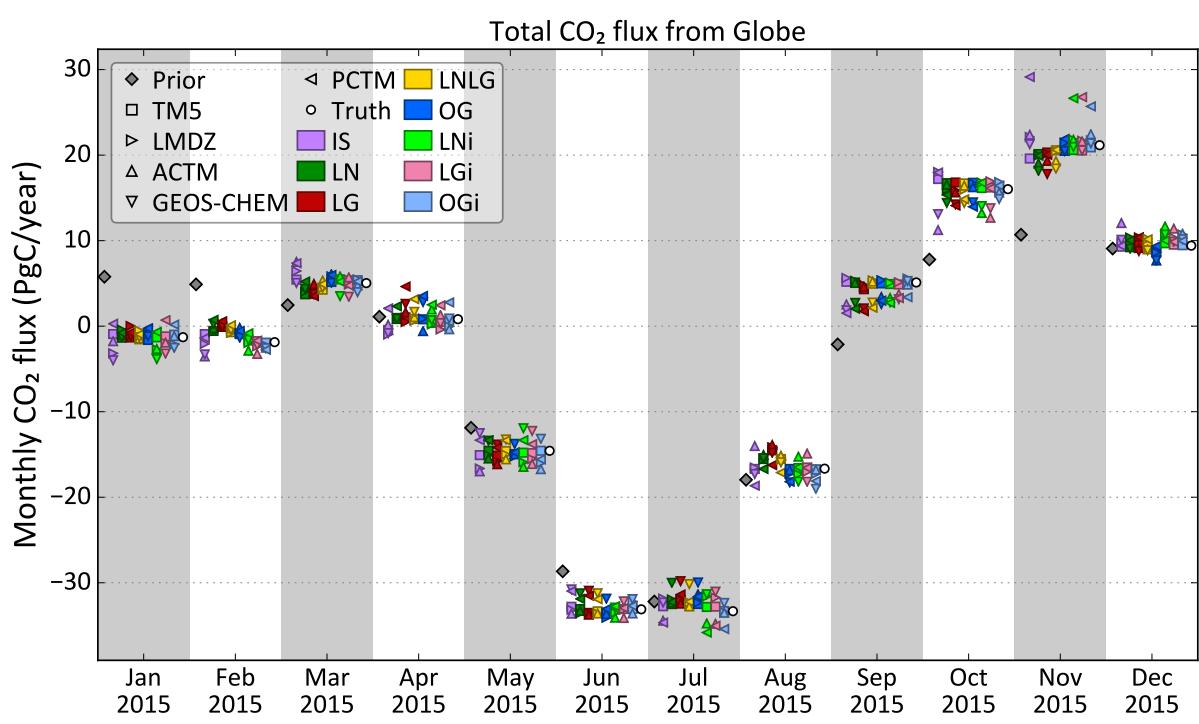


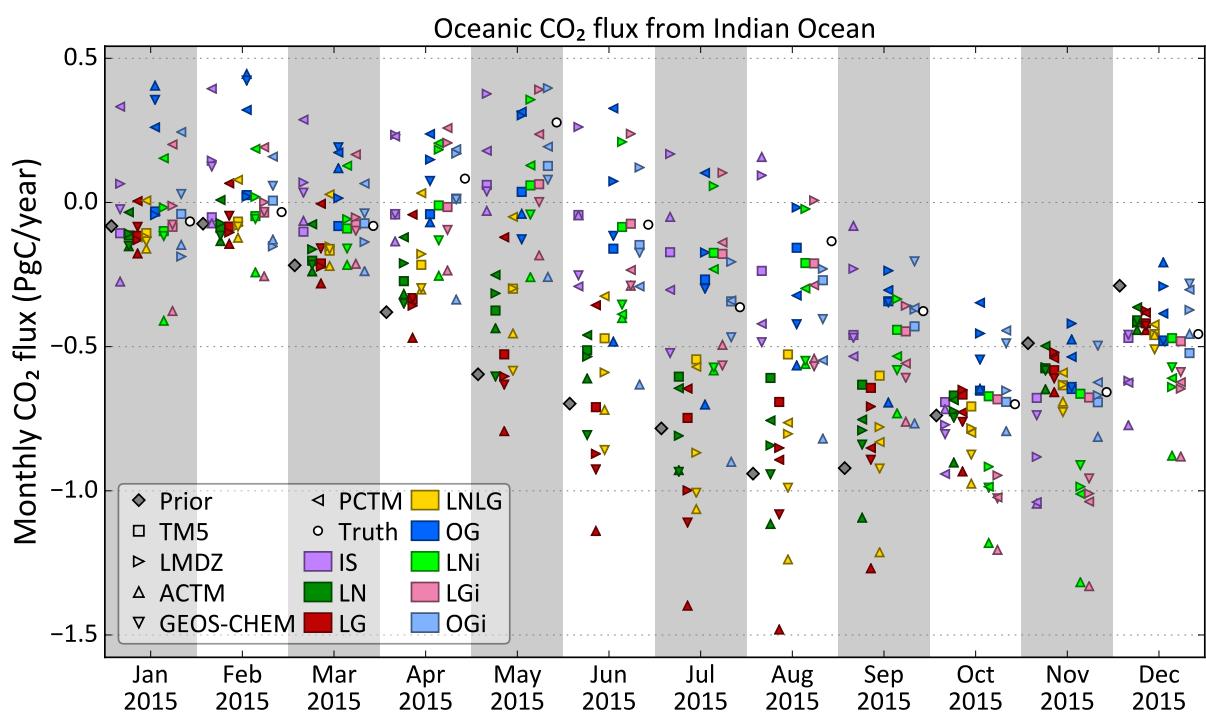


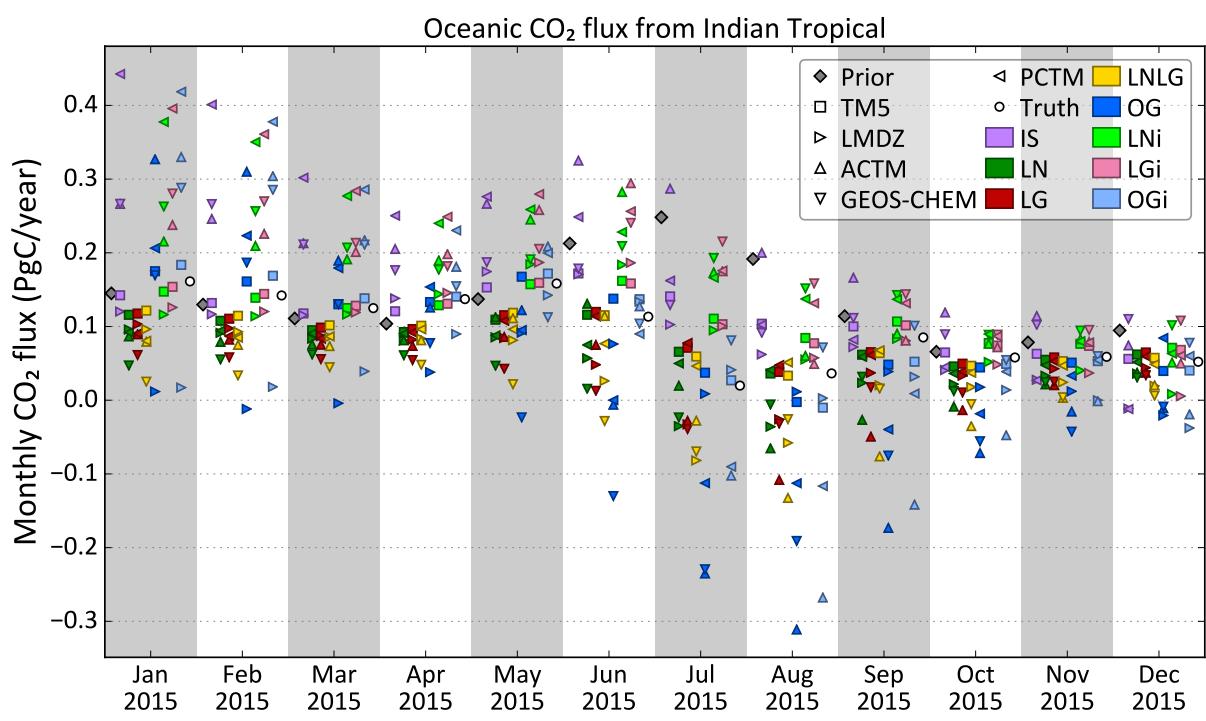


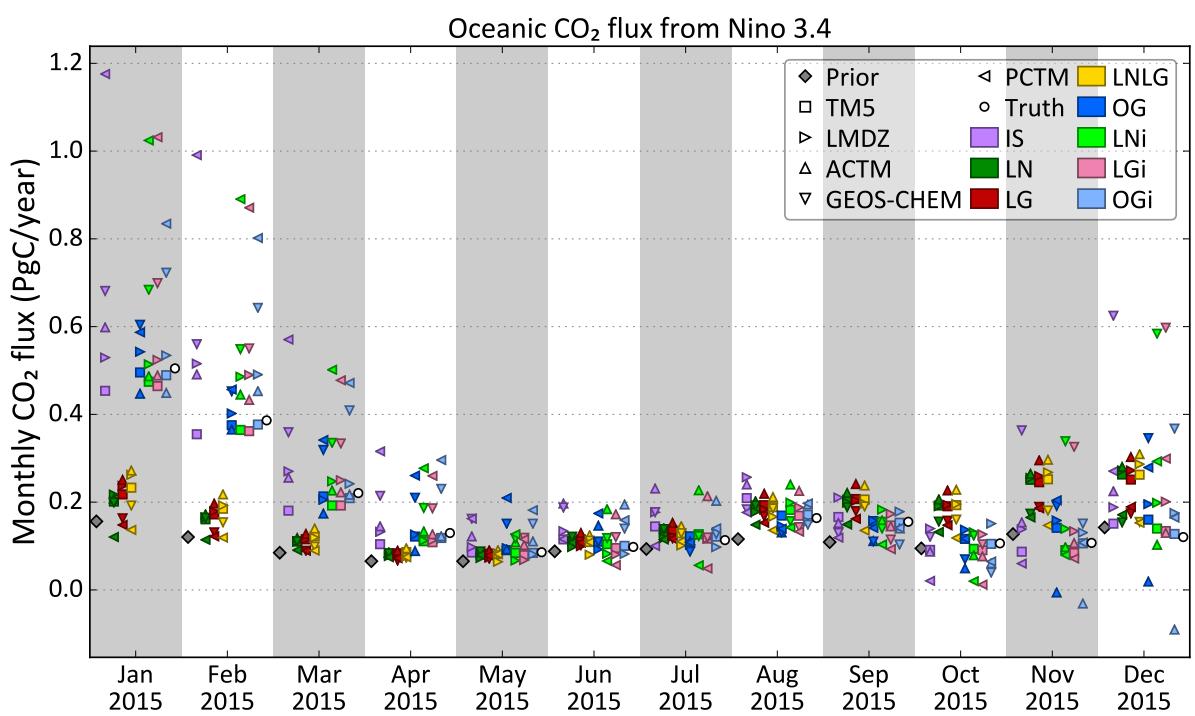


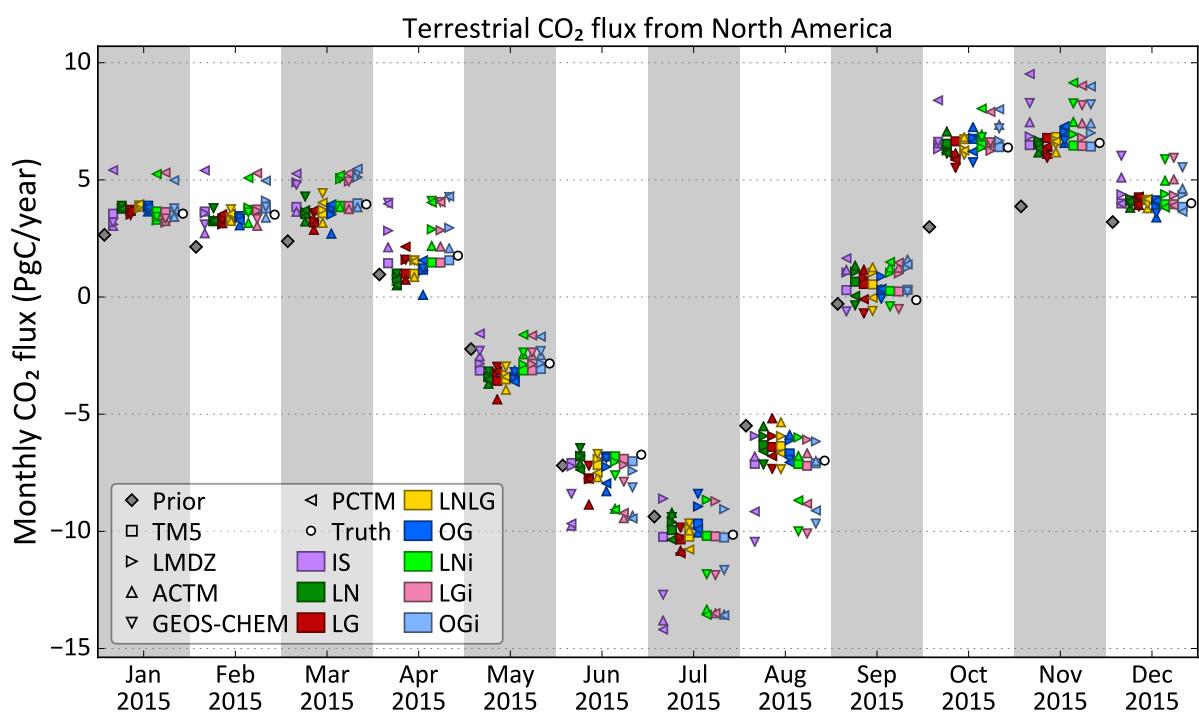


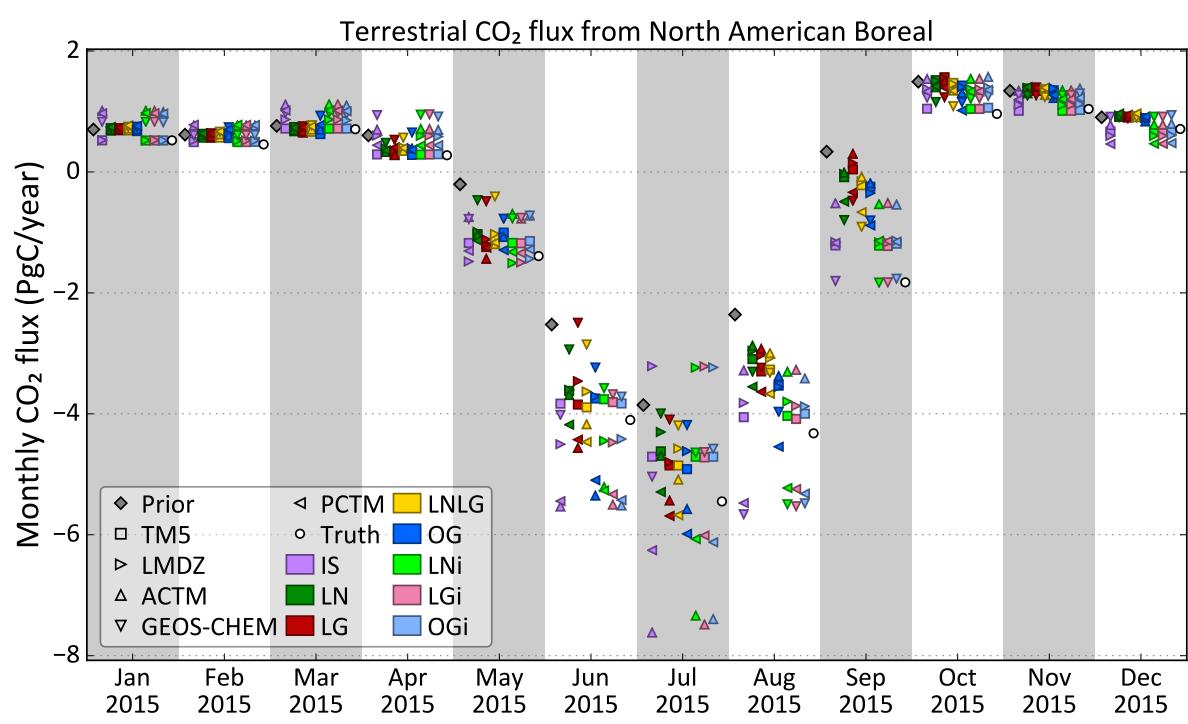


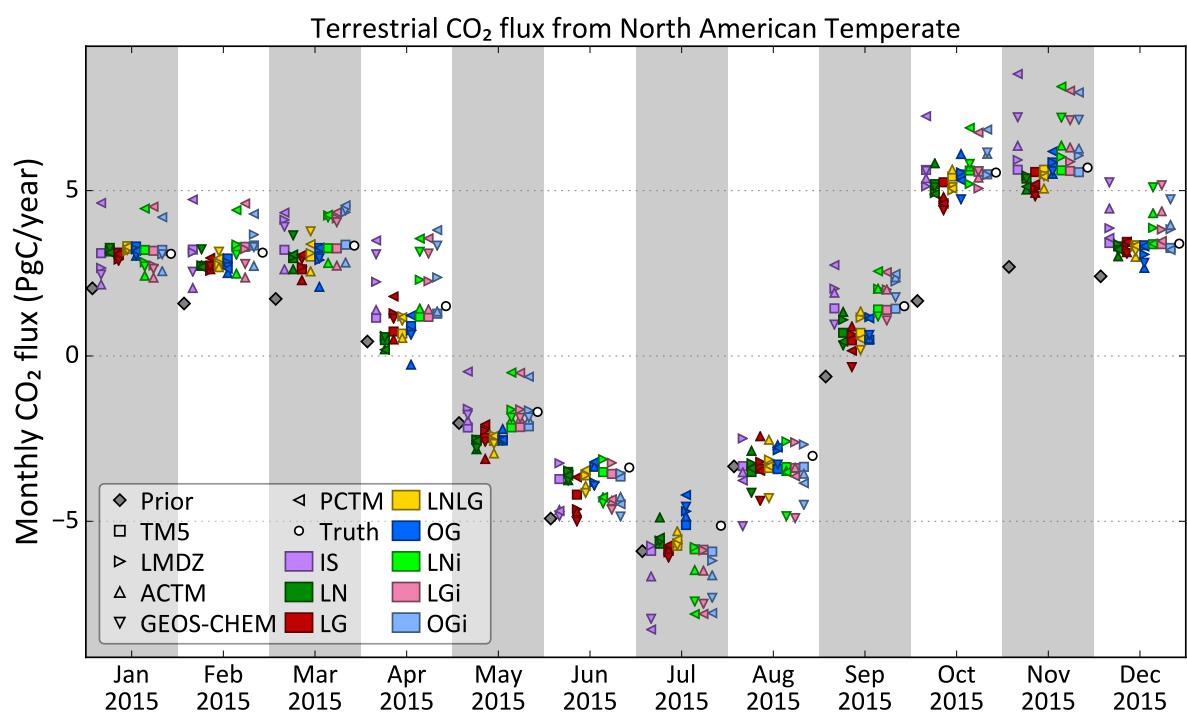


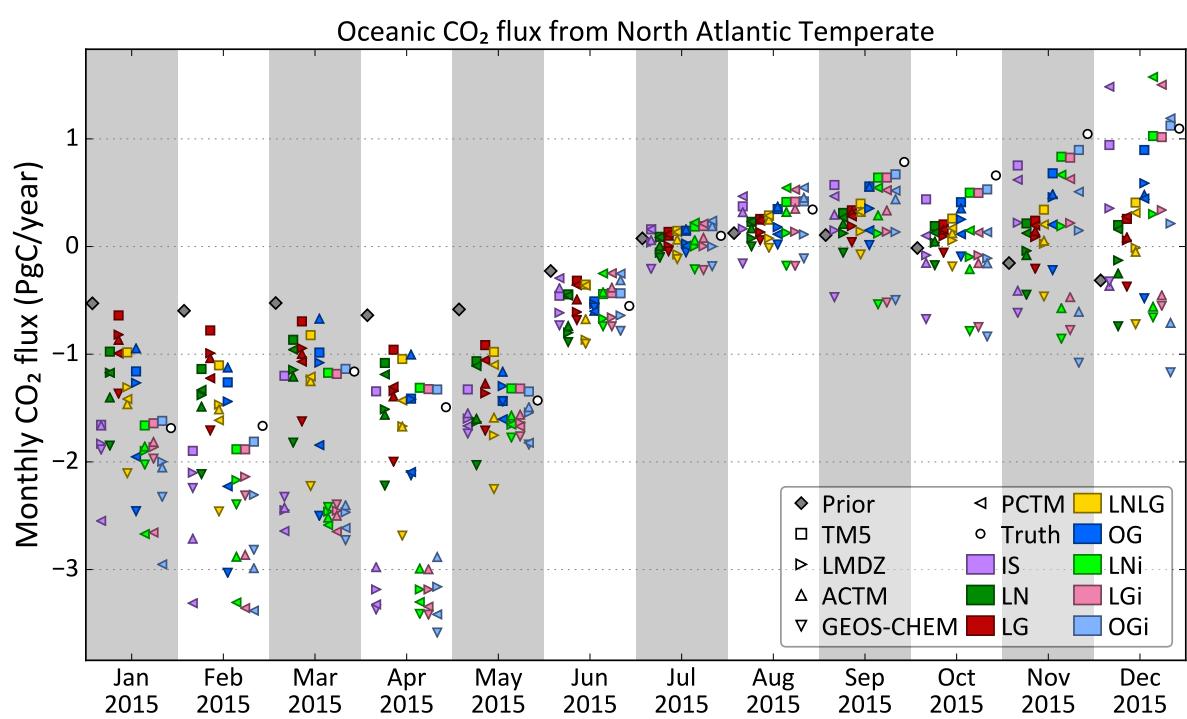


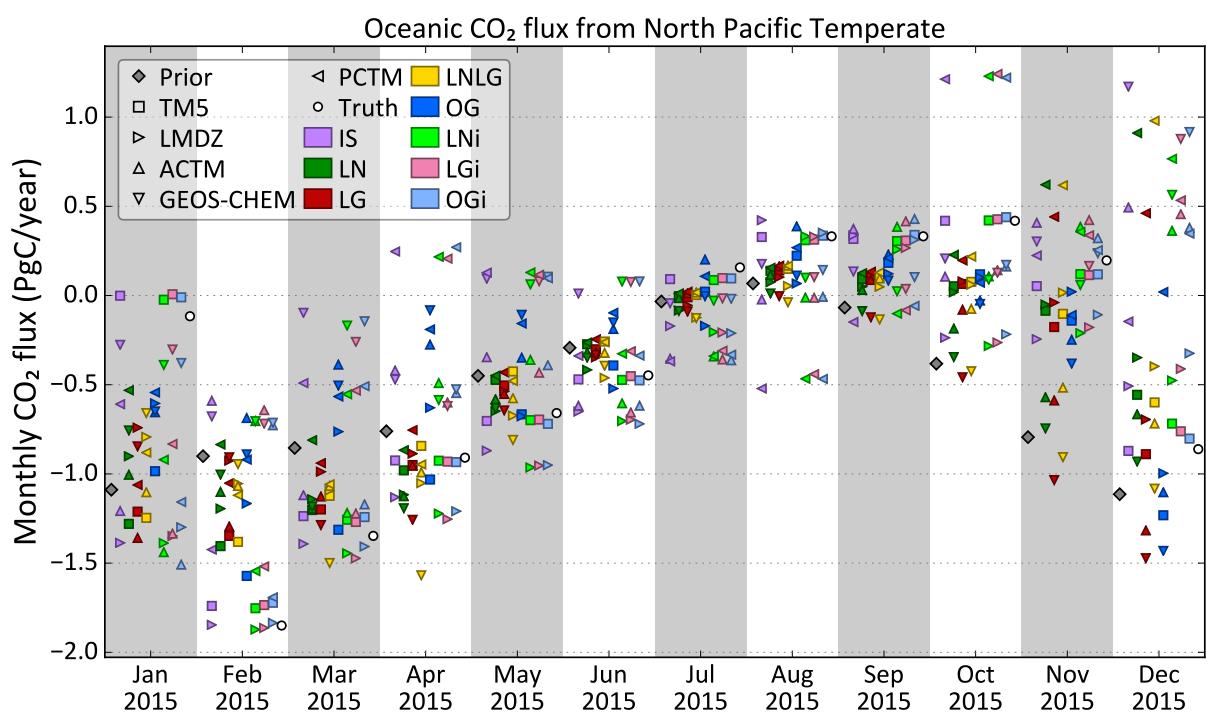


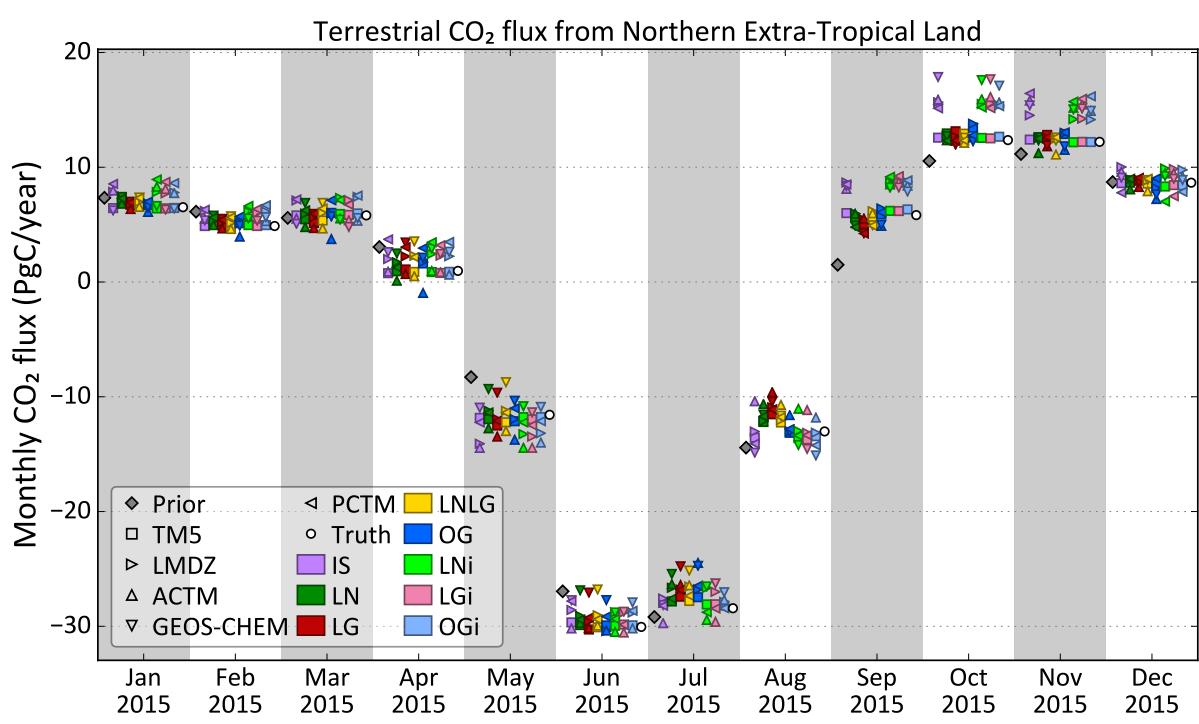


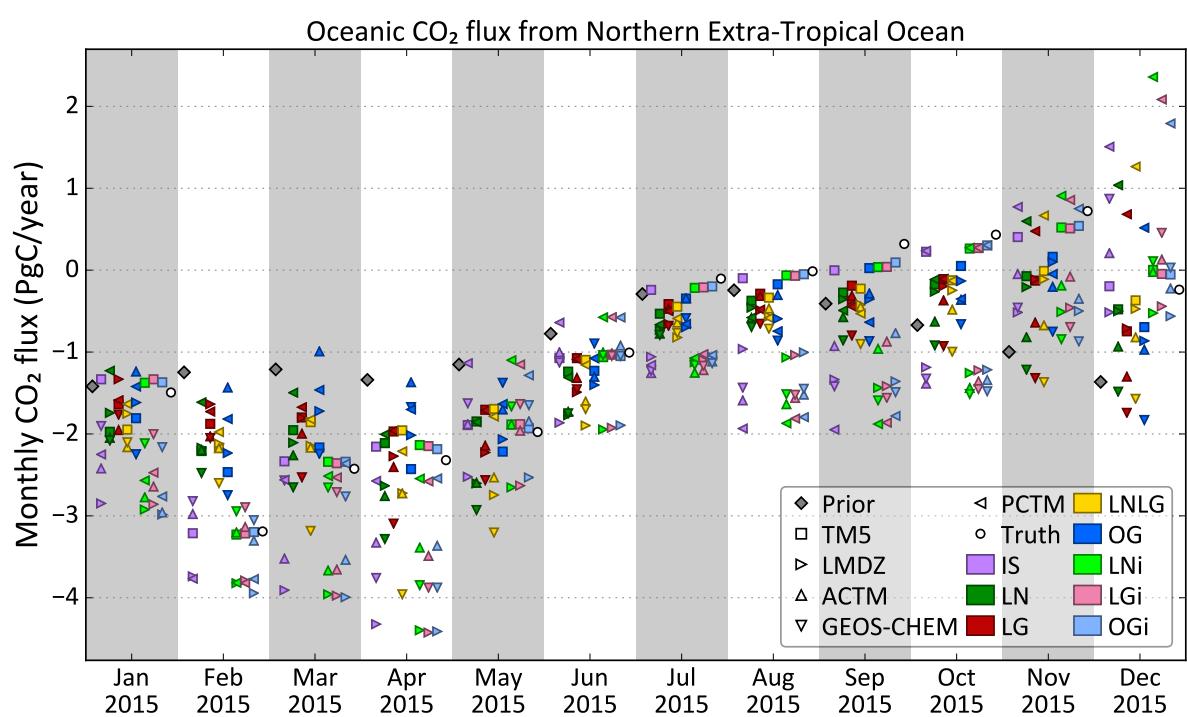


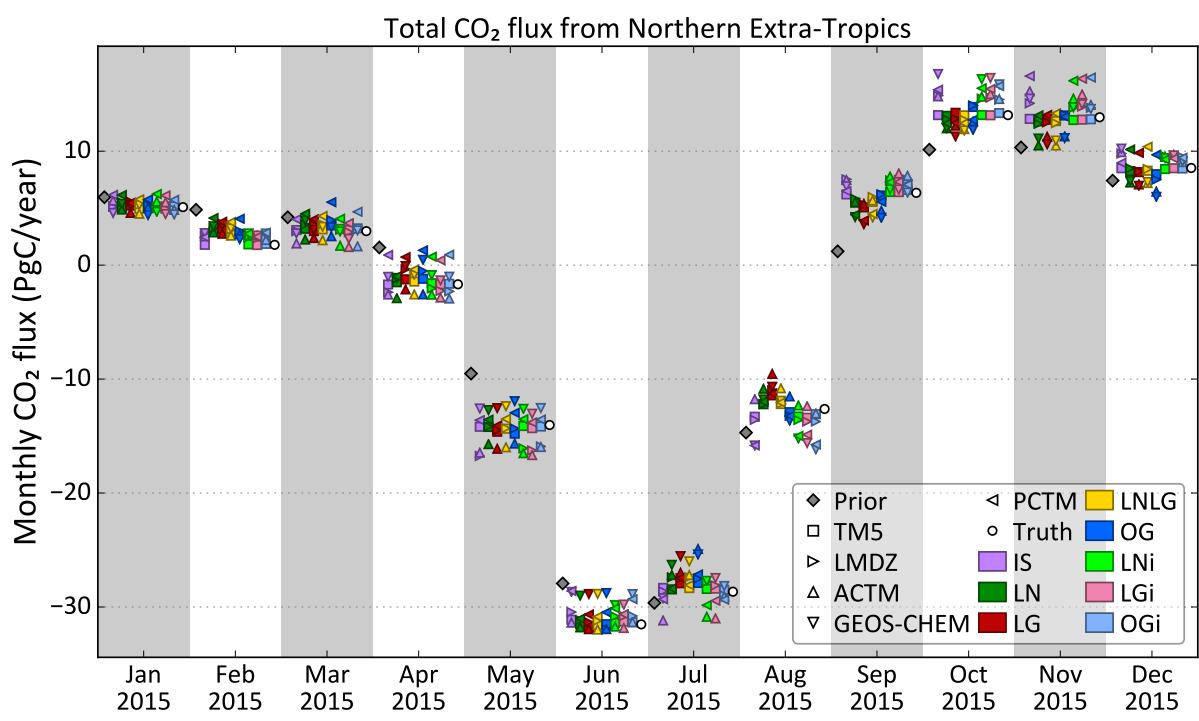


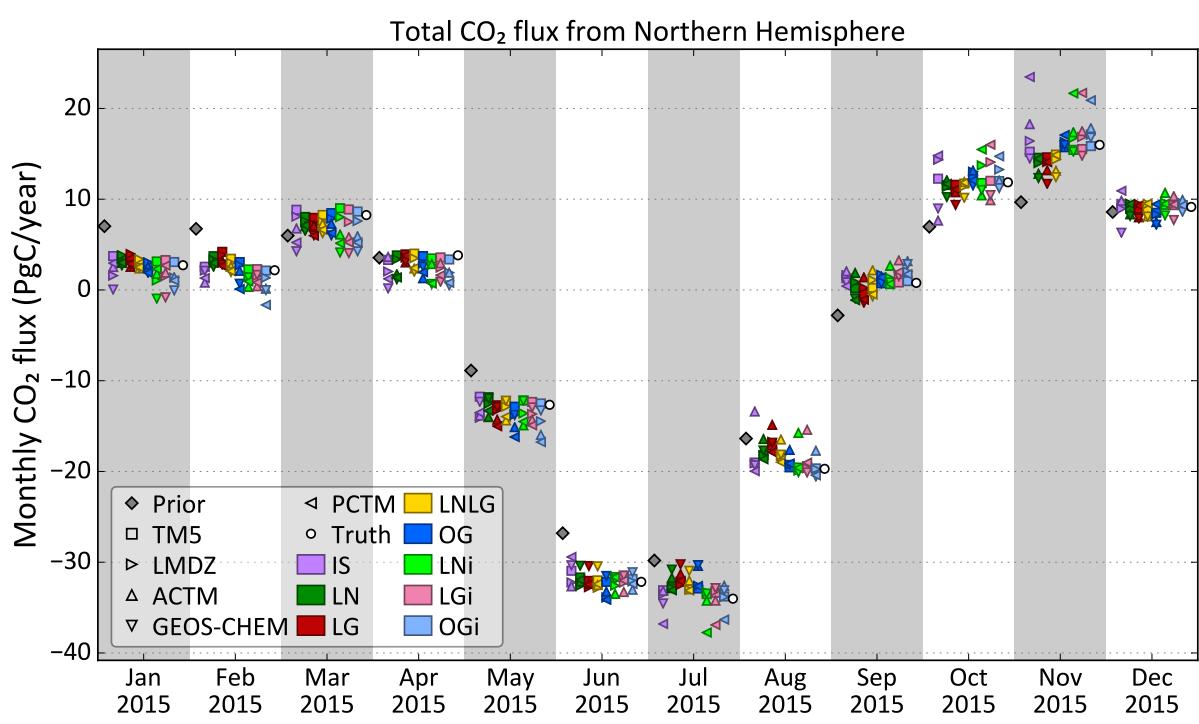


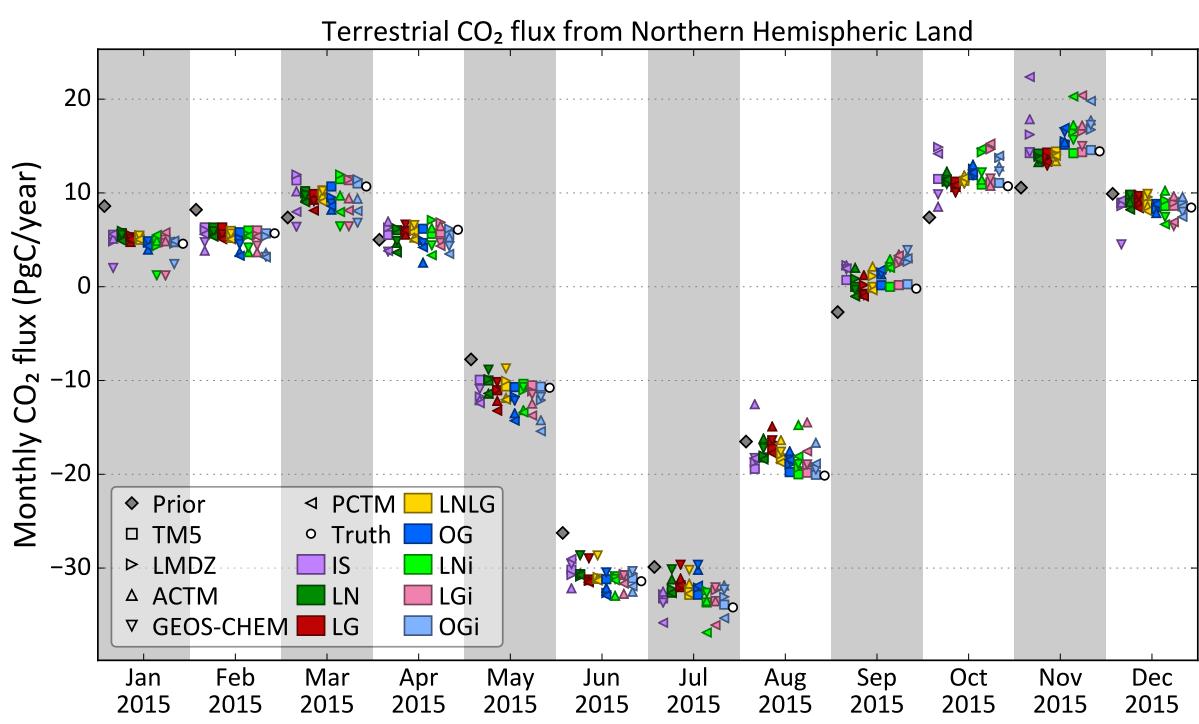


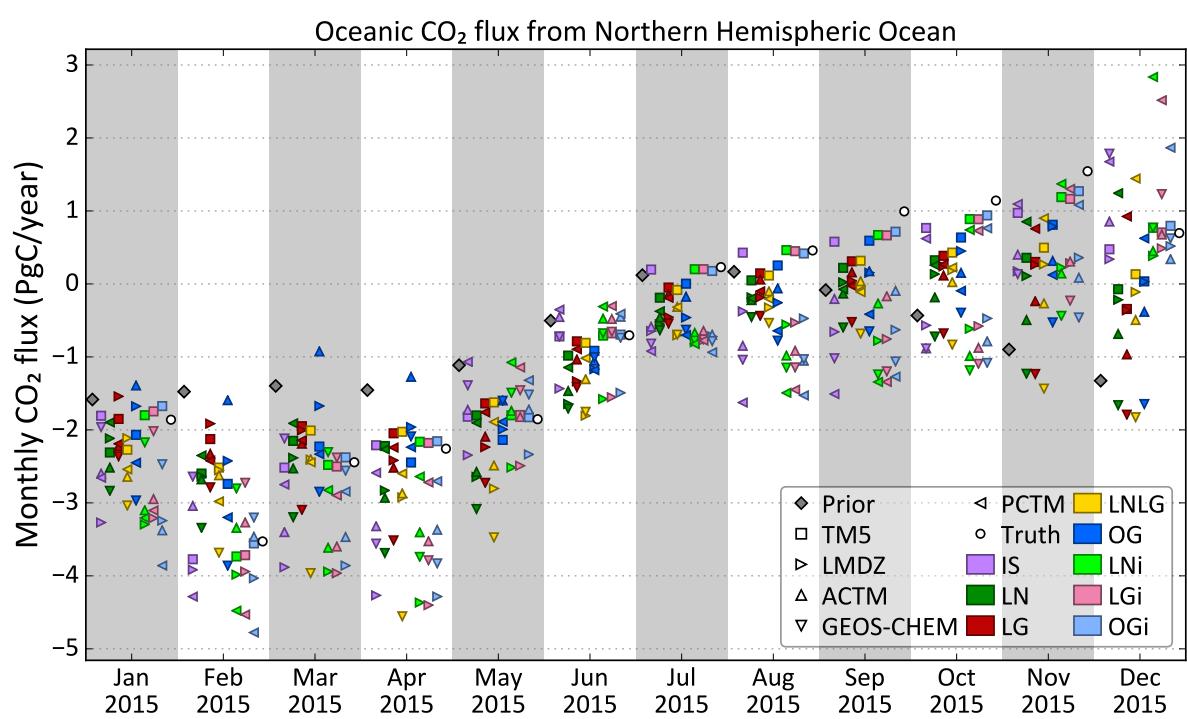


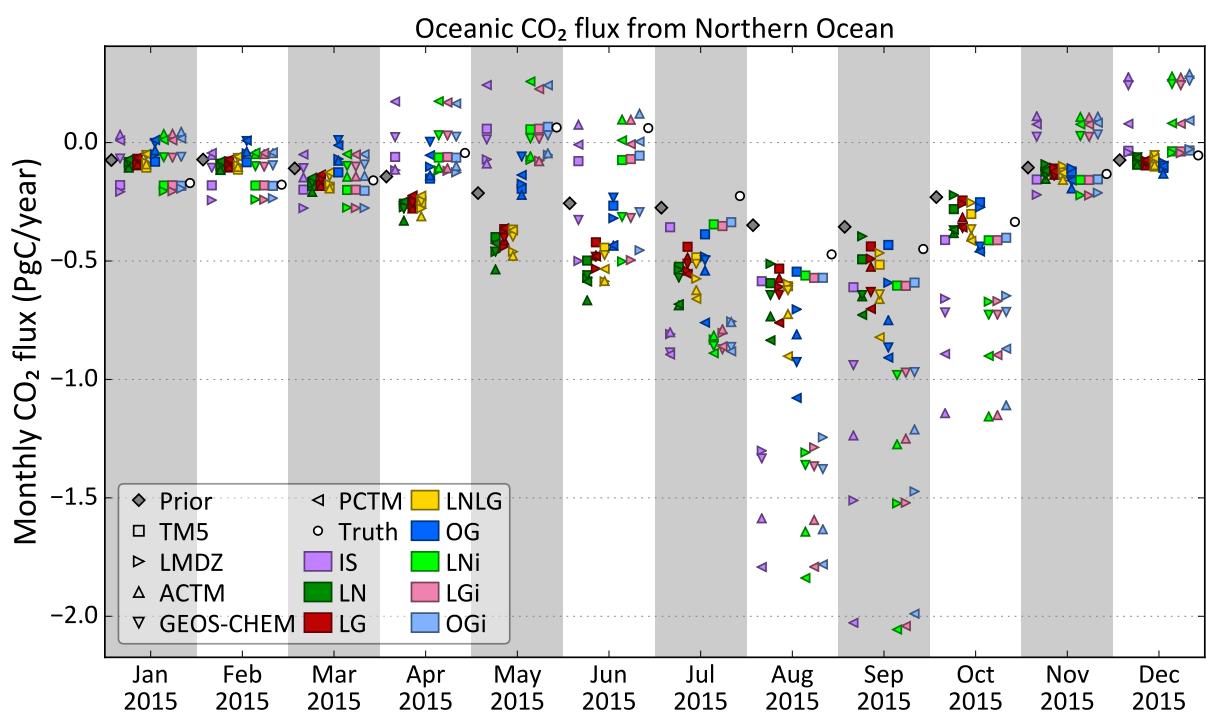


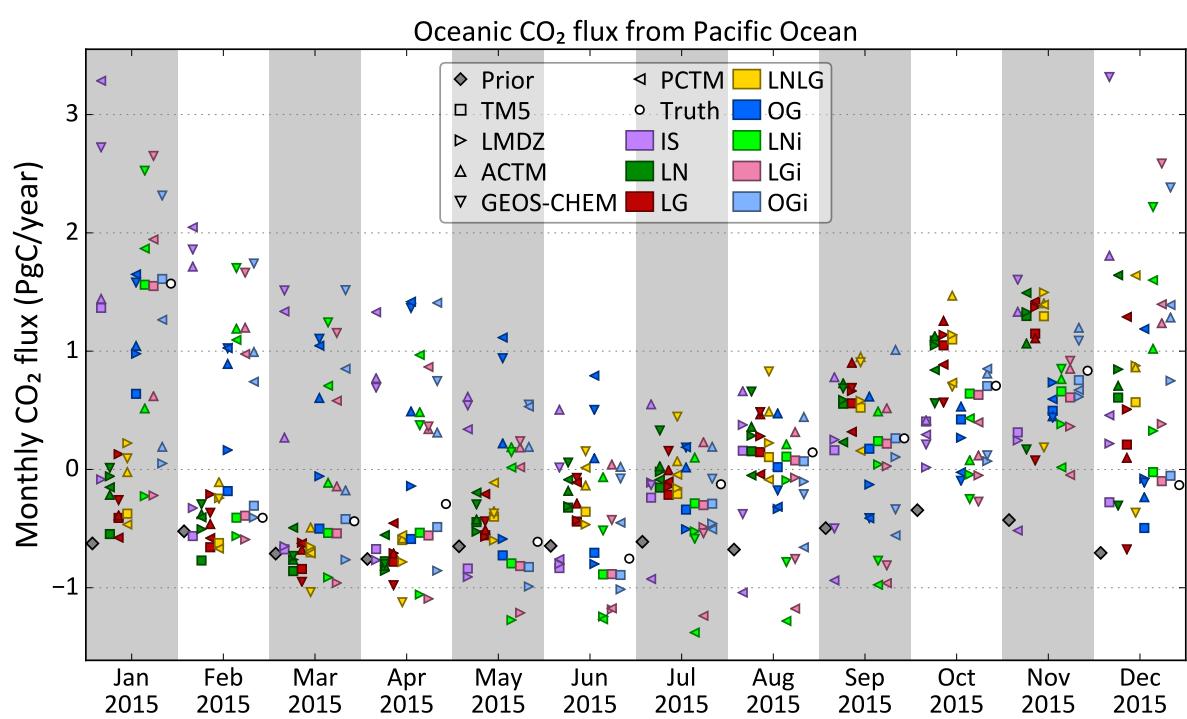


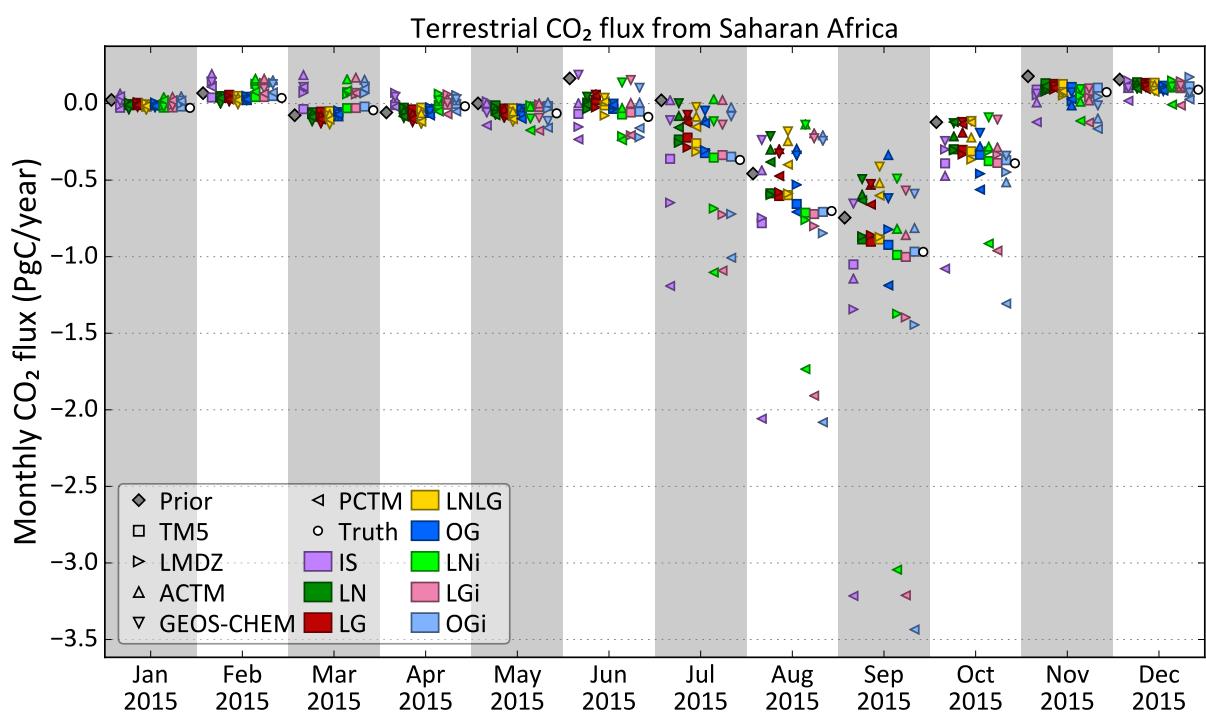


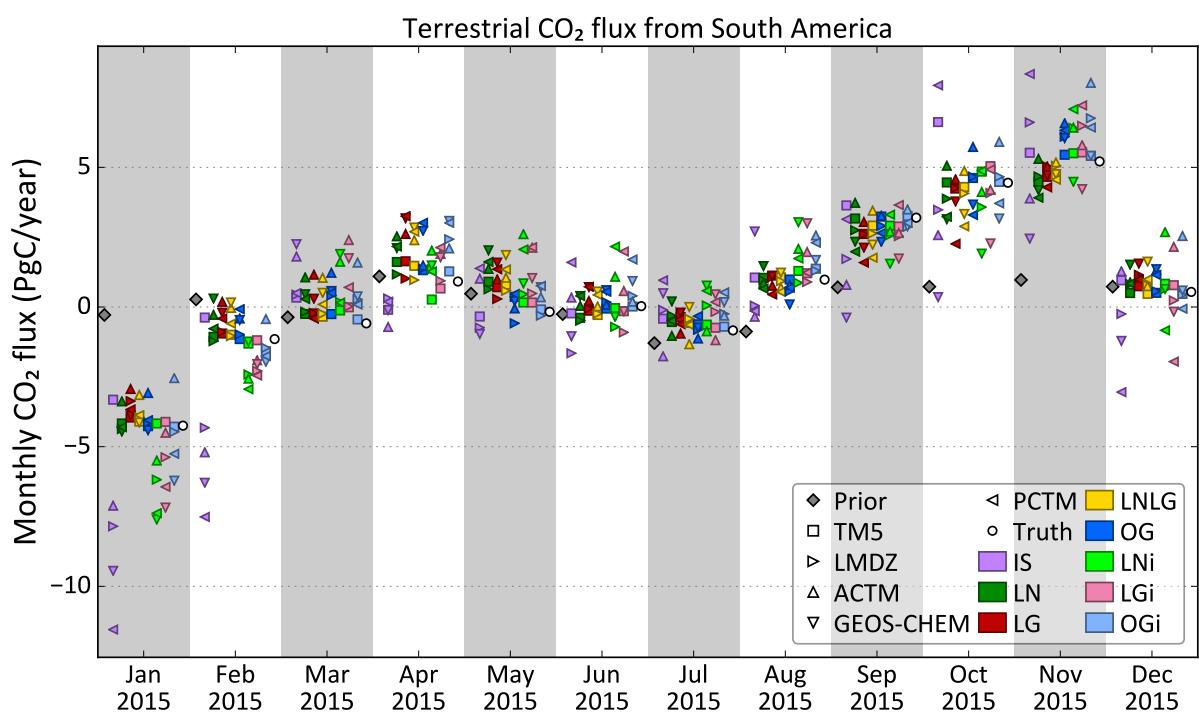


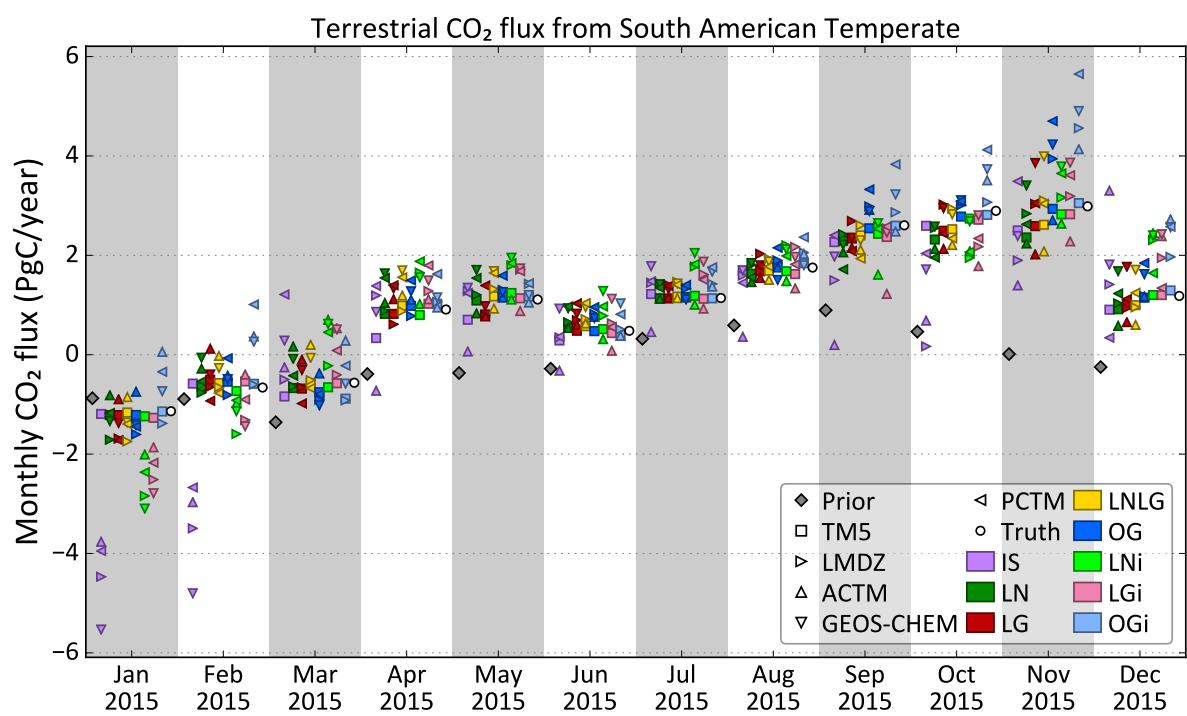


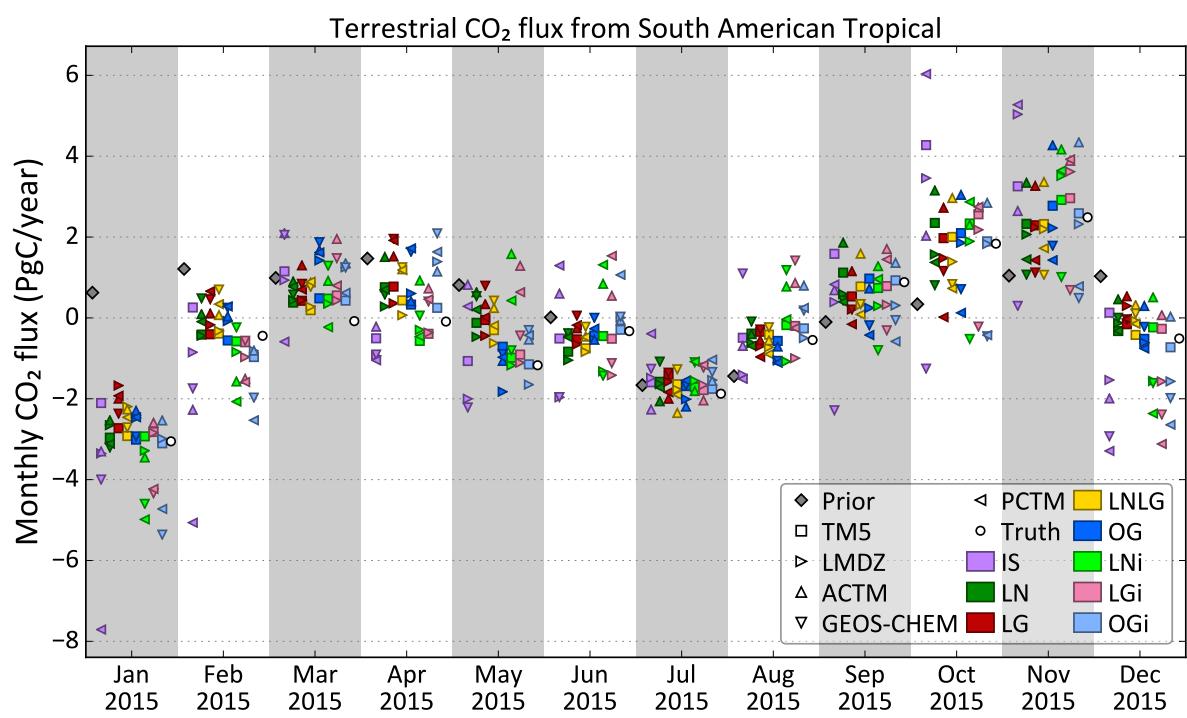


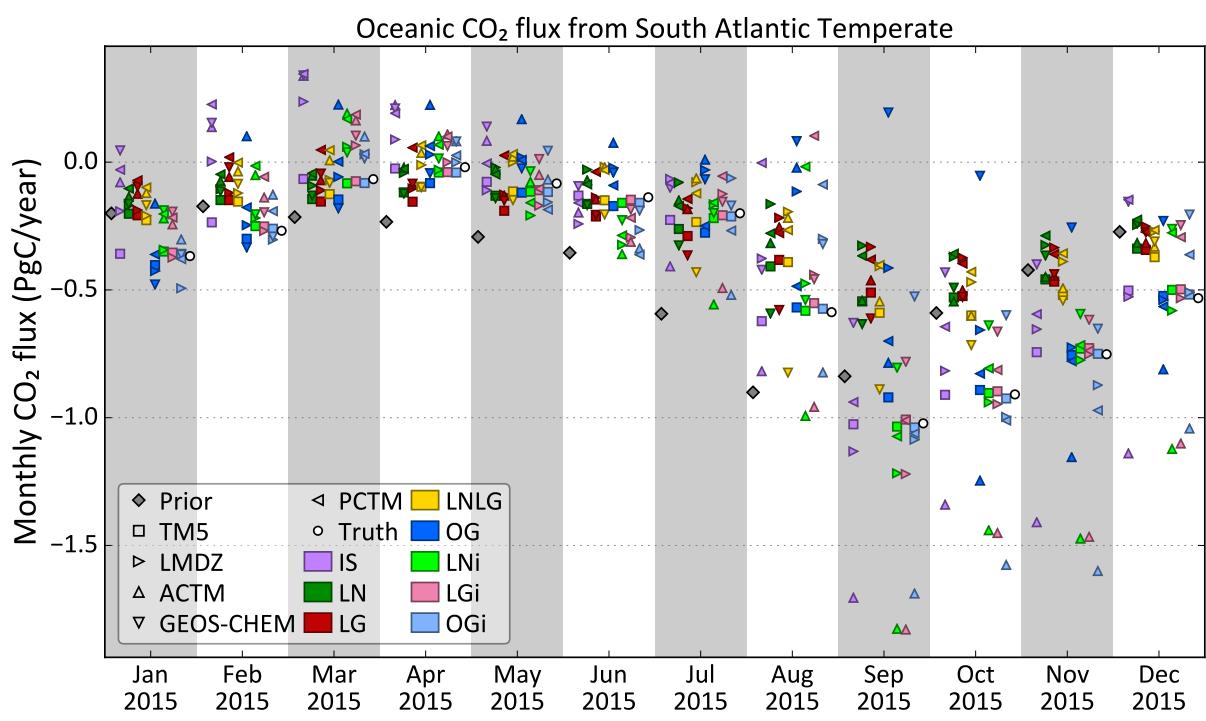












Oceanic CO₂ flux from South Indian Temperate

