(a)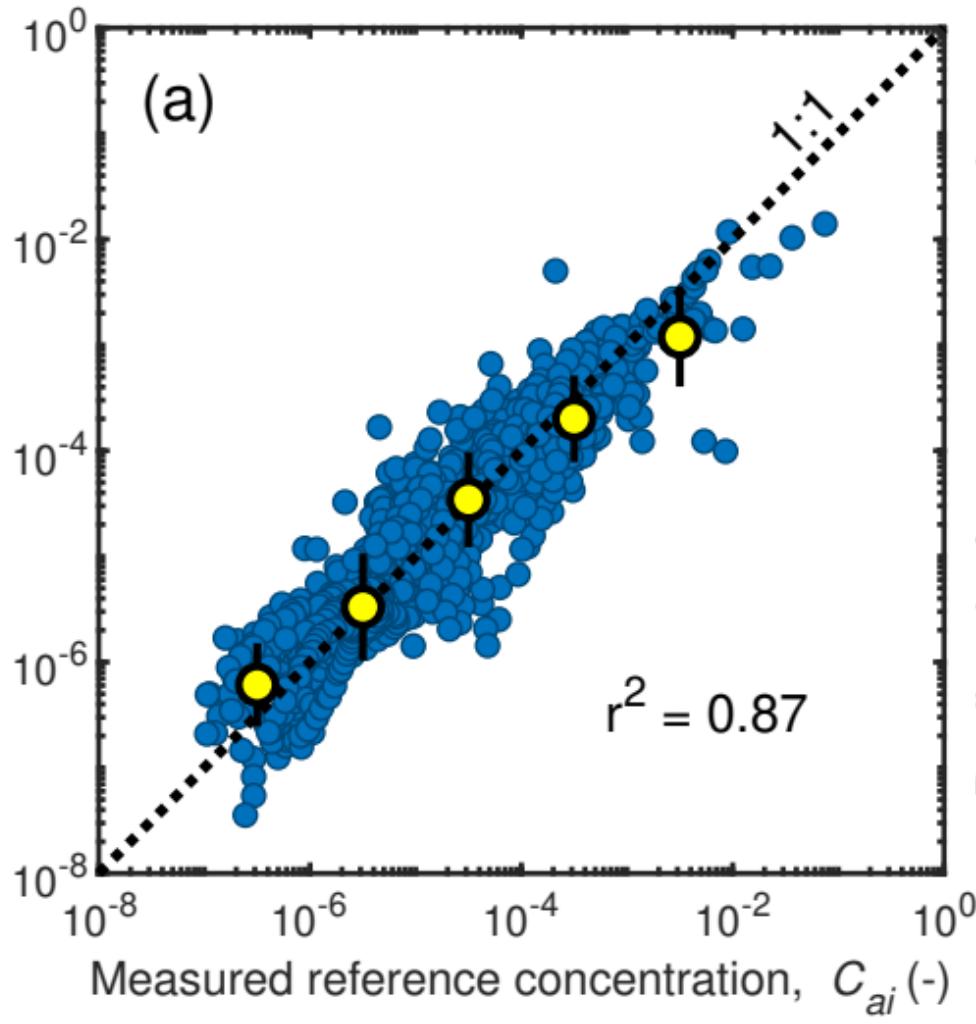 Predicted reference concentration from empirical model, C_{ai} (-) vs Measured reference concentration, C_{ai} (-). $r^2 = 0.87$

(b) Predicted reference concentration from forward model, C_{ai} (-) vs Measured reference concentration, C_{ai} (-). $r^2 = 0.68$