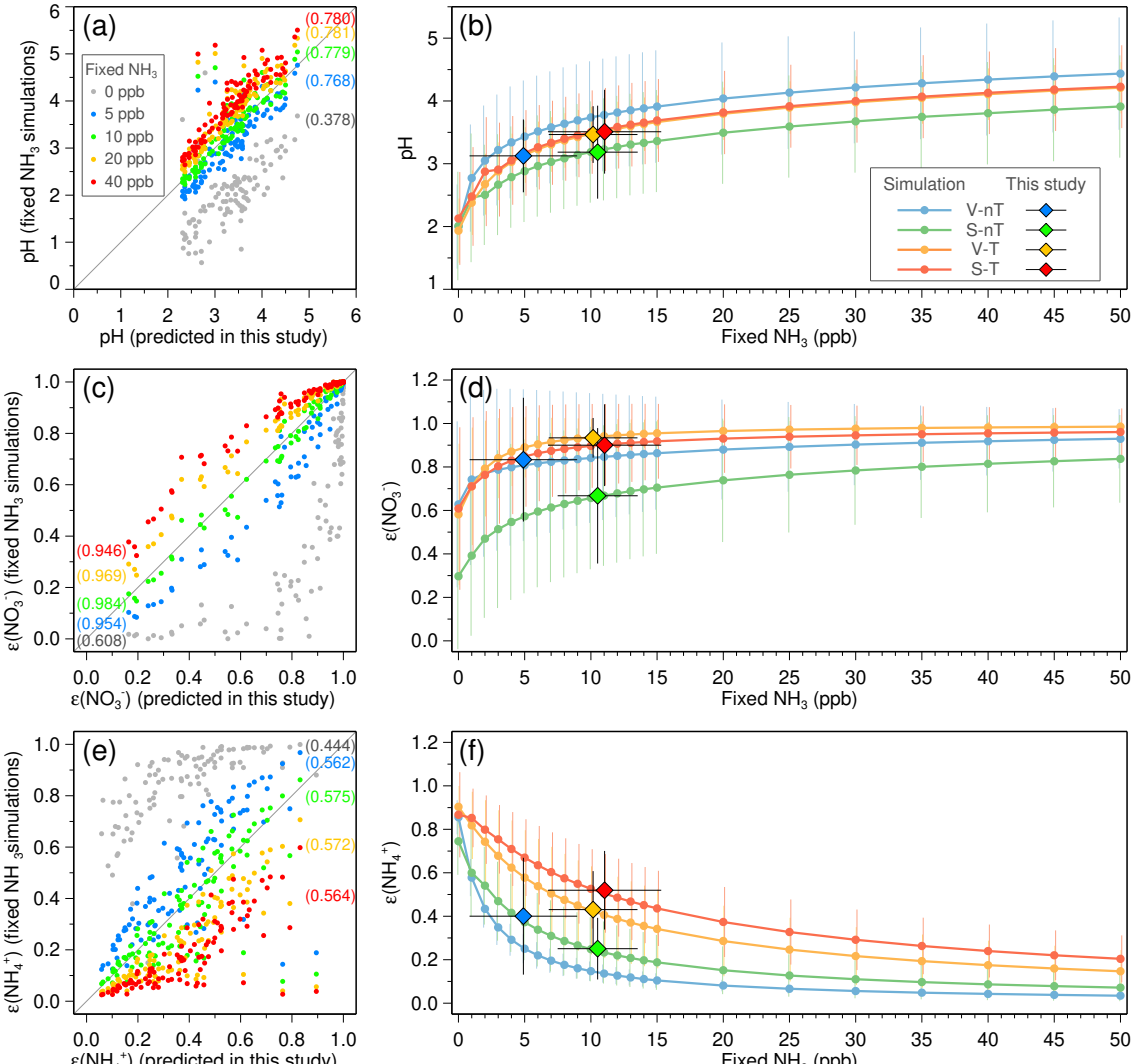
(a)
Fixed NH3
0 ppb
5 ppb
10 ppb
20 ppb
40 ppb
(0.780)
(0.781)
(0.779)
(0.768)
(0.378)
pH (fixed NH3 simulations)
pH (predicted in this study)
(b)
pH
Fixed NH3 (ppb)
Simulation
This study
V-nT
S-nT
V-T
S-T
(c)
(0.946)
(0.969)
(0.984)
(0.954)
(0.608)
ε(NO3-) (fixed NH3 simulations)
ε(NO3-) (predicted in this study)
(d)
ε(NO3-)
Fixed NH3 (ppb)
(e)
(0.444)
(0.562)
(0.575)
(0.572)
(0.564)
ε(NH4+) (fixed NH3simulations)
ε(NH4+) (predicted in this study)
(f)
ε(NH4+)
Fixed NH3 (ppb)