

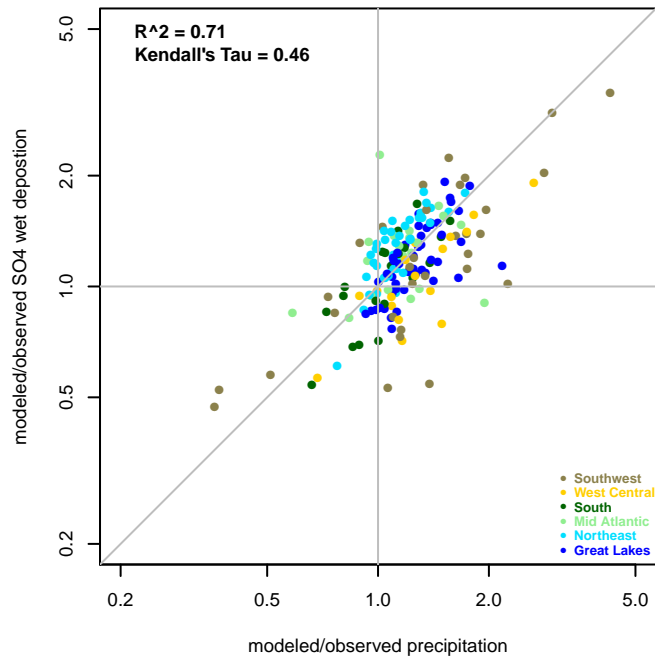
Figure. S4.

**Right:** Scatter plot of the ratio of observed/modeled precipitation versus the ratio of observed/modeled  $\text{SO}_4^{=}$  wet deposition. The colors indicate the various regions defined in Fig. S3.

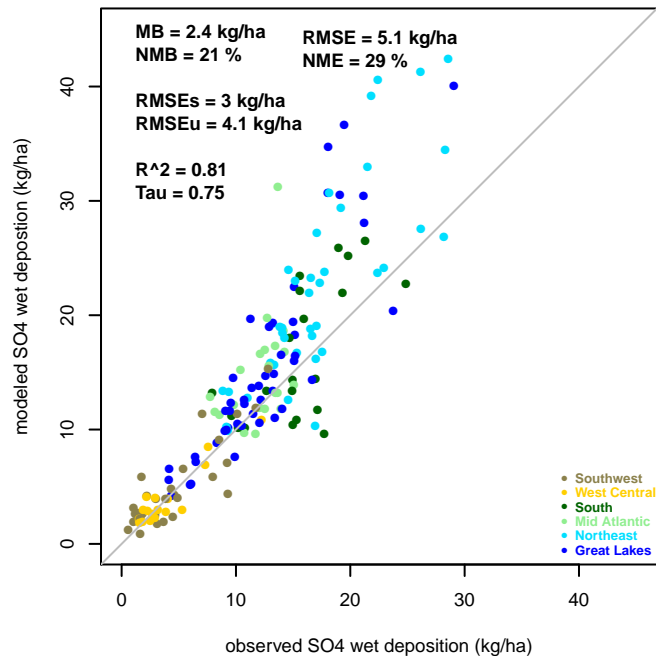
**Middle:** Scatter plot of NTN observed versus CMAQ 12-km estimated  $\text{SO}_4^{=}$  wet deposition. The colors indicate the various regions defined in Fig. S3.

**Left:** Scatter plot NTN observed versus CMAQ 12-km estimated  $\text{SO}_4^{=}$  wet deposition (kg/ha) that has been adjusted for precipitation bias. The colors indicate the various regions defined in Fig. S3.

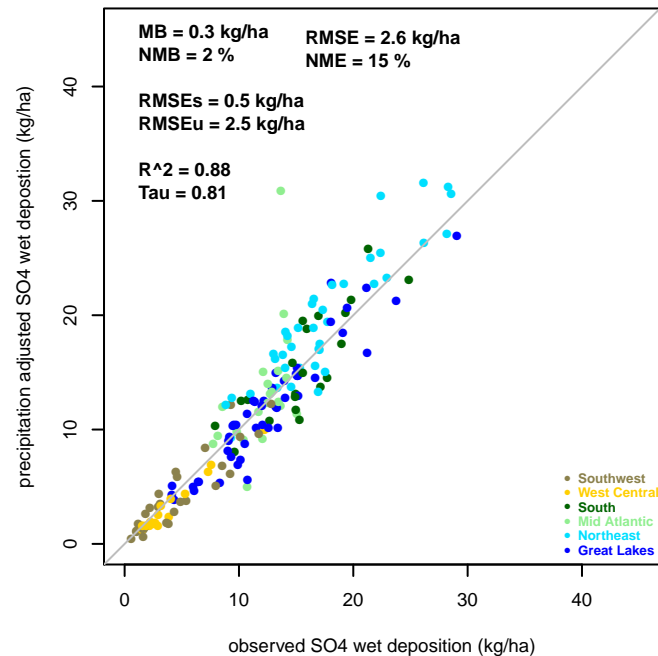
2002 : Modeled/Observed Precip. vs. Wet Dep. SO4



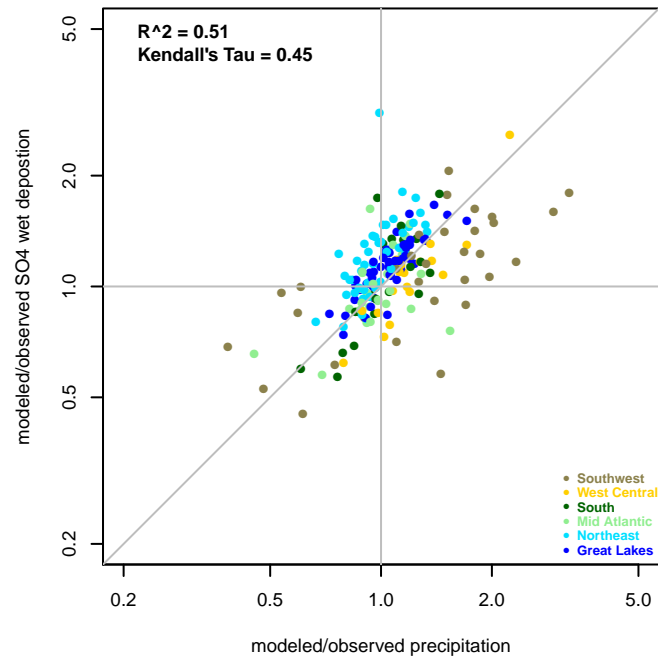
2002 : Observed vs Modeled Wet Dep. SO4



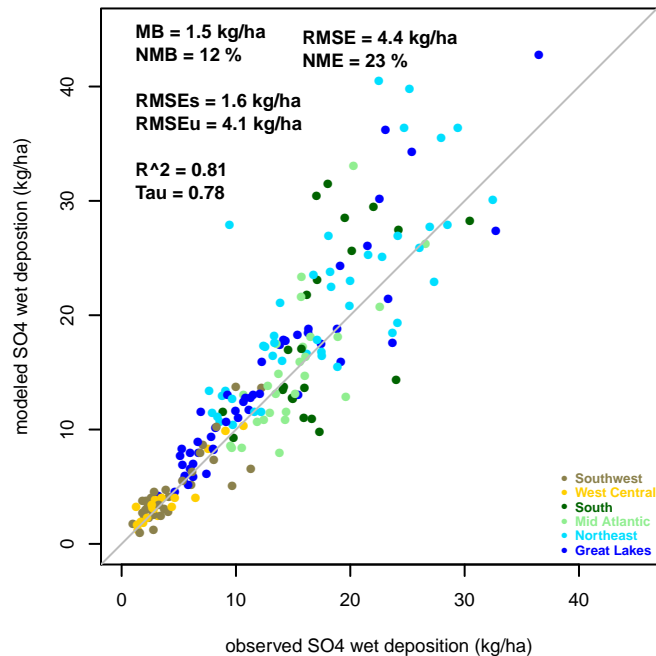
2002 : Observed vs Precip. Adjusted Wet Dep. SO4



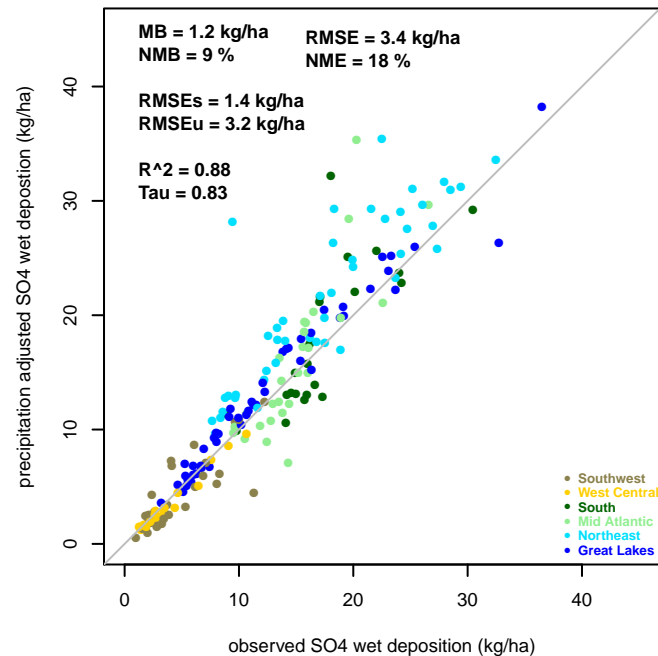
2003 : Modeled/Observed Precip. vs. Wet Dep. SO4



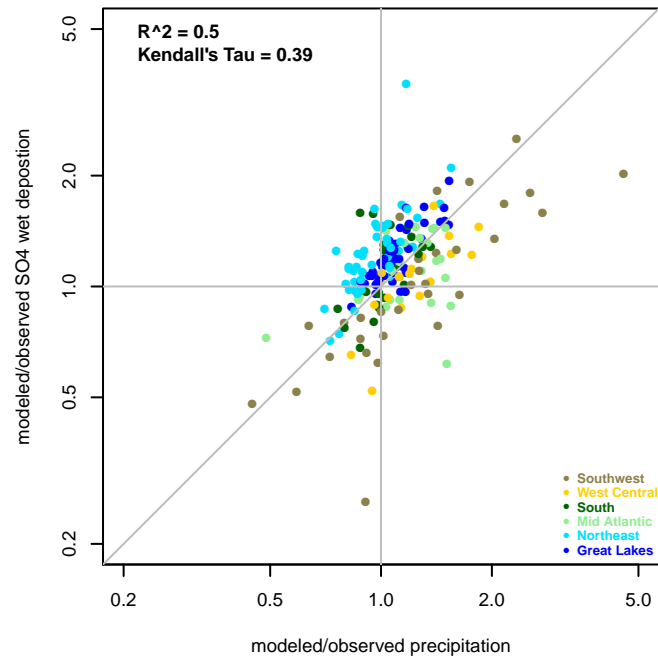
2003 : Observed vs Modeled Wet Dep. SO4



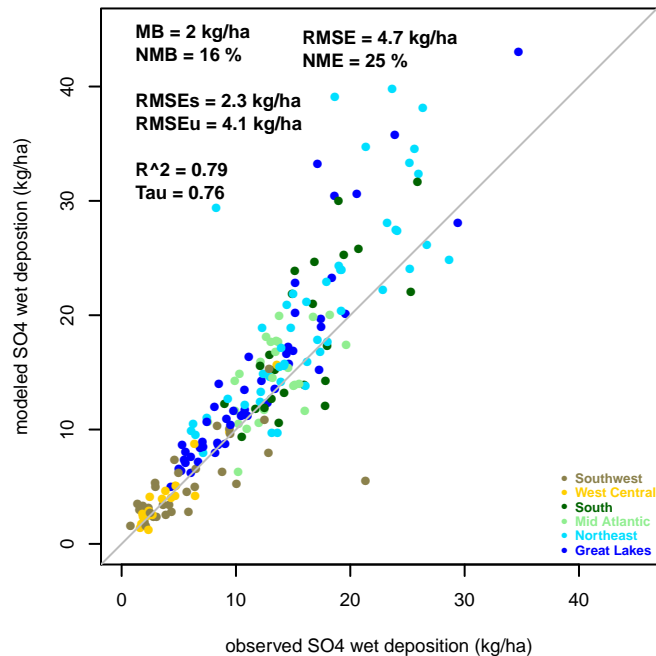
2003 : Observed vs Precip. Adjusted Wet Dep. SO4



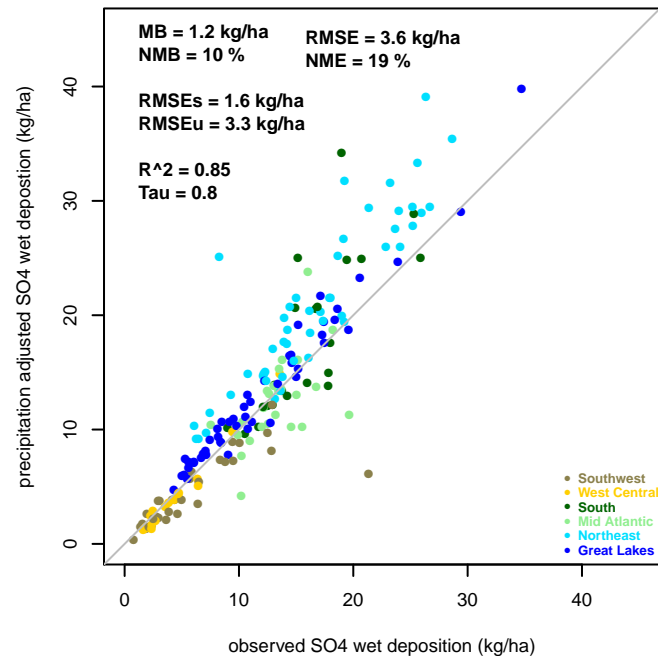
2004 : Modeled/Observed Precip. vs. Wet Dep. SO4



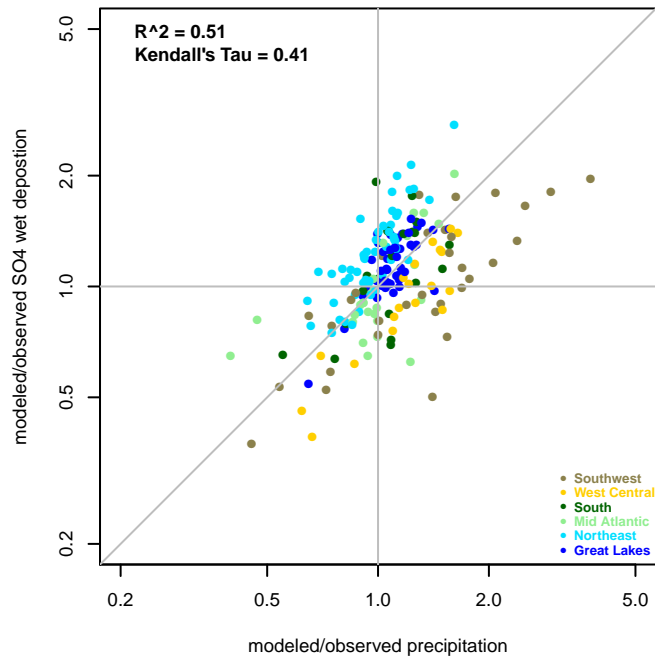
2004 : Observed vs Modeled Wet Dep. SO4



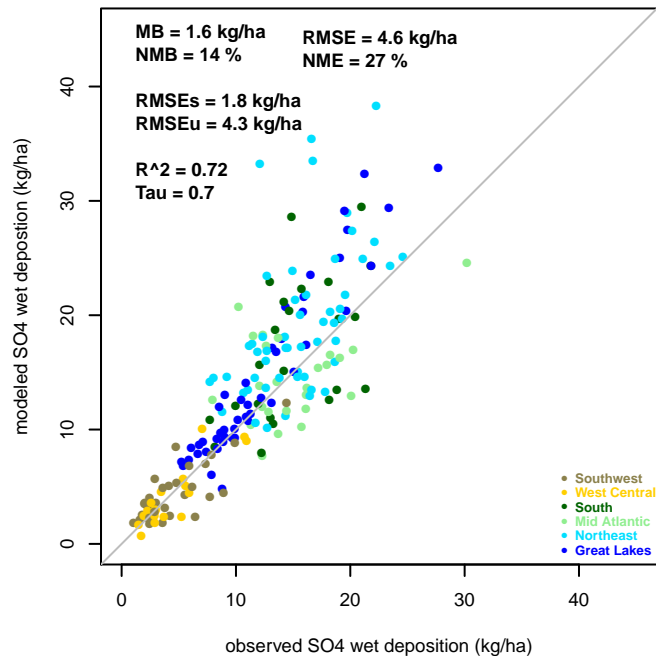
2004 : Observed vs Precip. Adjusted Wet Dep. SO4



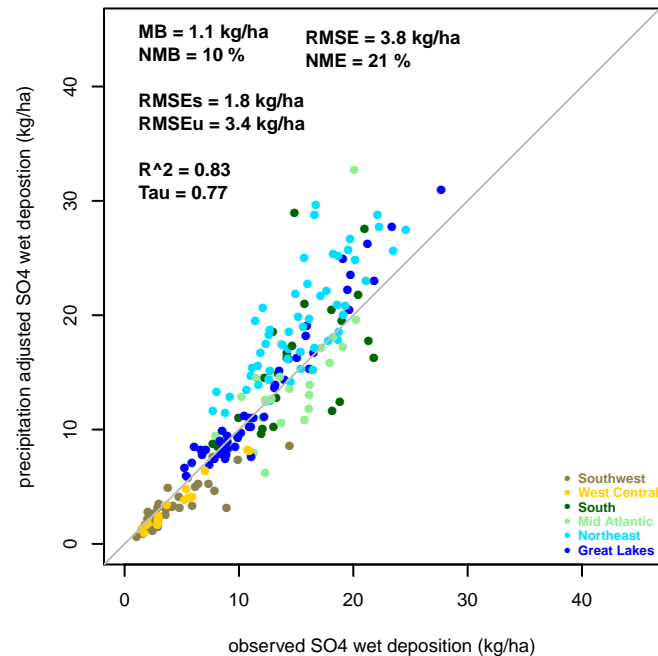
2005 : Modeled/Observed Precip. vs. Wet Dep. SO4



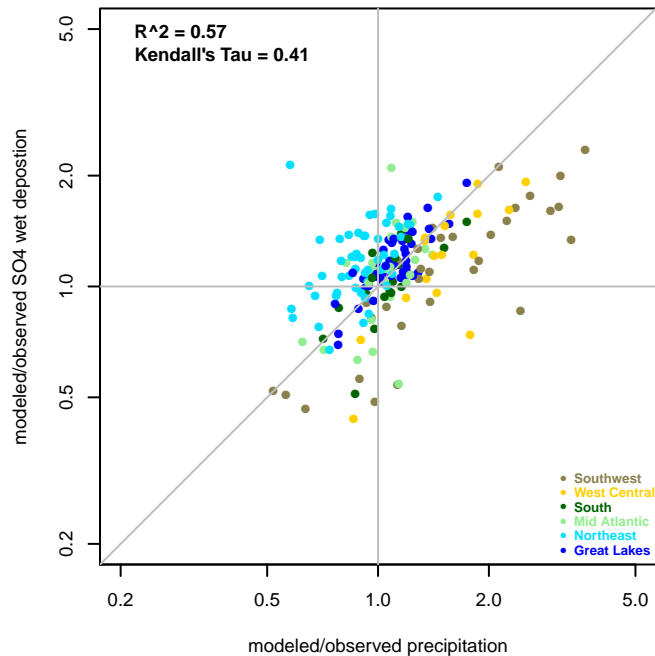
2005 : Observed vs Modeled Wet Dep. SO4



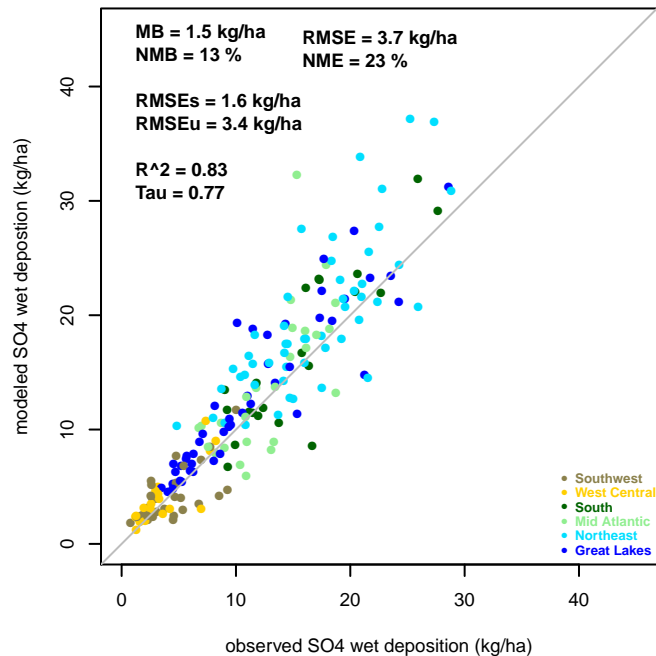
2005 : Observed vs Precip. Adjusted Wet Dep. SO4



2006 : Modeled/Observed Precip. vs. Wet Dep. SO4



2006 : Observed vs Modeled Wet Dep. SO4



2006 : Observed vs Precip. Adjusted Wet Dep. SO4

