

Inorganics		Nitrate	Sulfate	Ammonium	Chloride	Sodium
Measured mean $\bar{o}$		0.42	1.52	0.76	0.18	0.53
S1	Simulated mean $\bar{s} \pm \text{RMSE}$	$0.33 \pm 0.42$	$2.05 \pm 0.84$	$0.58 \pm 0.39$	$0.12 \pm 0.45$	$0.70 \pm 0.54$
	Correlation (%)	5.7	69.7	47.6	-11.4	55.5
	MFB	-43	32	-20	-67	30
	MFE	86	40	43	105	70
S2	Simulated mean $\bar{s} \pm \text{RMSE}$	$0.19 \pm 0.46$	$2.10 \pm 0.82$	$0.49 \pm 0.44$	$0.13 \pm 0.44$	$0.77 \pm 0.57$
	Diff. with S1 (%)	-42 %	+2 %	-16 %	+8 %	+10 %
	Norm. RMSE (%)	130	22	52	100	43
S3	Simulated mean $\bar{s} \pm \text{RMSE}$	$0.88 \pm 1.27$	$2.14 \pm 0.97$	$0.31 \pm 0.60$	$0.59 \pm 1.14$	$1.77 \pm 2.34$
	Diff with S1 (%)	+167%	+4 %	-47 %	+392 %	+153 %
	Norm. RMSE (%)	376	22	62	933	291
S4	Simulated mean $\bar{s} \pm \text{RMSE}$	$0.24 \pm 0.41$	$1.33 \pm 0.67$	$0.34 \pm 0.56$	$0.27 \pm 0.64$	$0.98 \pm 0.77$
	Diff. with S1 (%)	-27 %	-35 %	-41 %	+125 %	+40 %
	Norm. RMSE (%)	66	44	48	267	50