

Table 1. Annual anthropogenic emissions reported in model output from the different models. Unit: Gg/yr.

Spec.	DEHM	EMEP	MATCH
CO	62189	60419	61766
NO <sub>x</sub>	20753	20354	20673
VOC	19010	18708	18321

Table 2. Statistical evaluation of model results for surface O<sub>3</sub>.

	Annual mean	AMJJAS mean	Annual daily max	AMJJAS daily max
Mean ppb(v)				
Observations	30.8	36.4	41.6	49.6
DEHM	28.9	34.2	34.5	40.1
EnvClimA	24.6	34.0	30.3	41.1
EMEP	36.1	42.4	42.4	49.0
SILAM	34.8	42.3	40.4	48.0
MATCH	31.4	37.3	39.9	45.4
Bias %				
DEHM	-2.9	-5.5	-16.9	-19.2
EnvClimA	-20.2	-6.7	-27.2	-17.1
EMEP	17.3	16.4	2.0	-1.1
SILAM	13.1	16.1	-3.0	-3.2
MATCH	2.1	2.3	-3.9	-8.4
Spatial correlation				
DEHM	0.53	0.64	0.67	0.84
EnvClimA	0.60	0.78	0.79	0.90
EMEP	0.43	0.69	0.67	0.85
SILAM	0.60	0.75	0.83	0.91
MATCH	0.56	0.63	0.68	0.82
RMSE ppb(v)				

DEHM	3.9	5.7	7.7	10.5
EnvClimA	7.2	4.9	11.6	9.1
EMEP	6.8	7.8	3.3	4.2
SILAM	3.8	5.4	2.8	4.0
MATCH	3.8	5.4	3.5	6.1
# stations	59	63	59	61

Temporal correlation for monthly average variations in each quadrant of the simulation domain

	NW	NE	SW	SE
DEHM	0.95	0.96	0.97	0.97
EnvClimA	0.85	0.71	0.93	0.93
EMEP	0.96	0.92	0.95	0.94
SILAM	0.95	0.86	0.97	0.96
MATCH	0.95	0.97	0.97	0.98

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