Supplementary Materials: Quantifying the Impact of Multiple Factors on Air Quality Model Simulation Biases Using Machine Learning

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Table S1. The parameter setting of WRF.

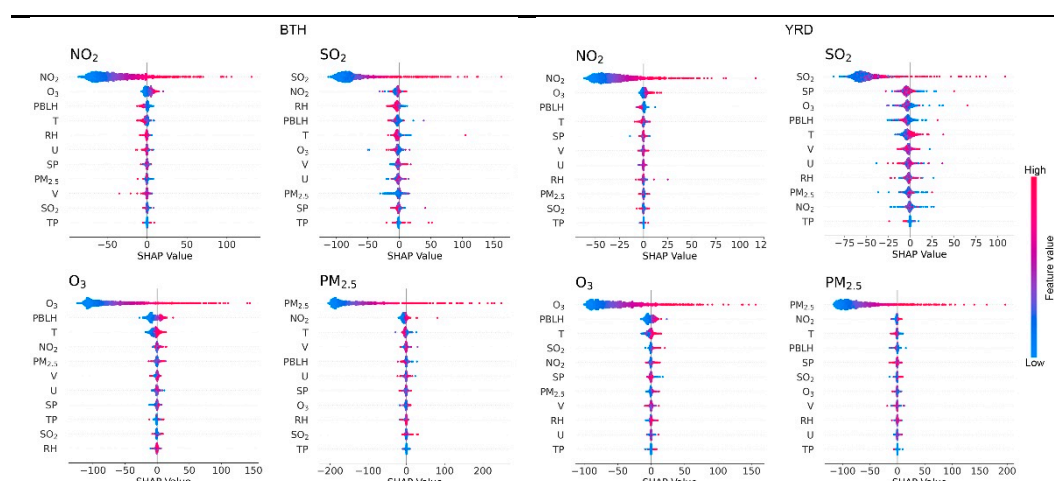| Parameter	Setting
Terrain	Modis_15s
Grid resolution	27 km × 27km
Temporal resolution	6 h
Microphysics	Morrison scheme
Radiation	RRTMG scheme
Surface layer	Pleim–Xu scheme
Land surface	Pleim–Xu scheme
Planetary boundary layer	ACM2 Pleim scheme
Cumulus parameterization	Kain–Fritsch scheme
Vertical layer	1, 0.995, 0.99, 0.98, 0.96, 0.94, 0.91, 0.86, 0.8, 0.74, 0.65, 0.55, 0.4, 0.2, 0

Figure S1. Local impact by covariate values.