

Description	Control factor	Number of cases
Jointly controls in five regions (OOS100)	Five precursors including NO _x , SO ₂ , NH ₃ , VOCs and POA in all regions	100, Latin hypercube sampling between 0.0 and 1.2 (baseline = 1.0)
Single regional controls (OOS15)	Five precursors including NO _x , SO ₂ , NH ₃ , VOCs and POA in individual region	15, three samples in each region by 0.1, 0.5 and 1.15 (baseline = 1.0)