

Group name	No. variables	SD (ng m <sup>-3</sup> )	Variance contribution (%)
Seasonal signal	6	0.161	83.70
Diurnal signal	24	0.036	4.08
WRF PBLH	5	0.034	3.81
Surface O <sub>3</sub> conc	1	0.032	3.20
Strat. O <sub>3</sub> tracer	1	0.031	3.04
Local winds	20	0.020	1.34
Annual signal	43	0.016	0.86