

Region	PC		
	PC1		PC2
	Diurnal	Day-to-day	Day-to-day
Eastern China (obs.)	0.99**	0.97**	-0.23
NEC (obs.)	0.99**	0.89**	0.41**
SEC (obs.)	0.99**	0.78**	-0.62**
Eastern China (GEOS-Chem)	1.0**	0.98**	-0.13
NEC (GEOS-Chem)	1.0**	0.85**	0.55**
SEC (GEOS-Chem)	1.0**	0.72**	-0.68**
Eastern China (CMAQ)	1.0**	0.99**	-0.20
NEC (CMAQ)	1.0**	0.89**	0.32**
SEC (CMAQ)	1.0**	0.90**	-0.62**