

# Supplemental Material

**Title:** Prediction of the Impact of Meteorological Conditions on Air Quality during the 2022 Beijing Winter Olympics

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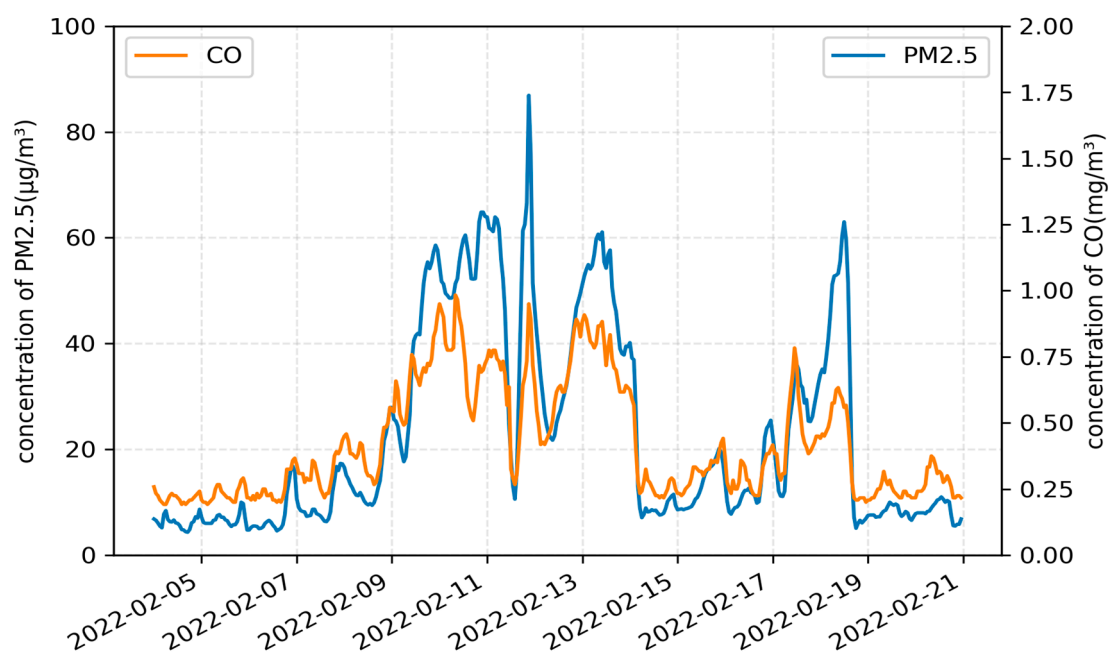


Figure S1. Trend of PM2.5 and CO concentrations during the Beijing Winter Olympic Game (2022.02.04-2022.02.20)

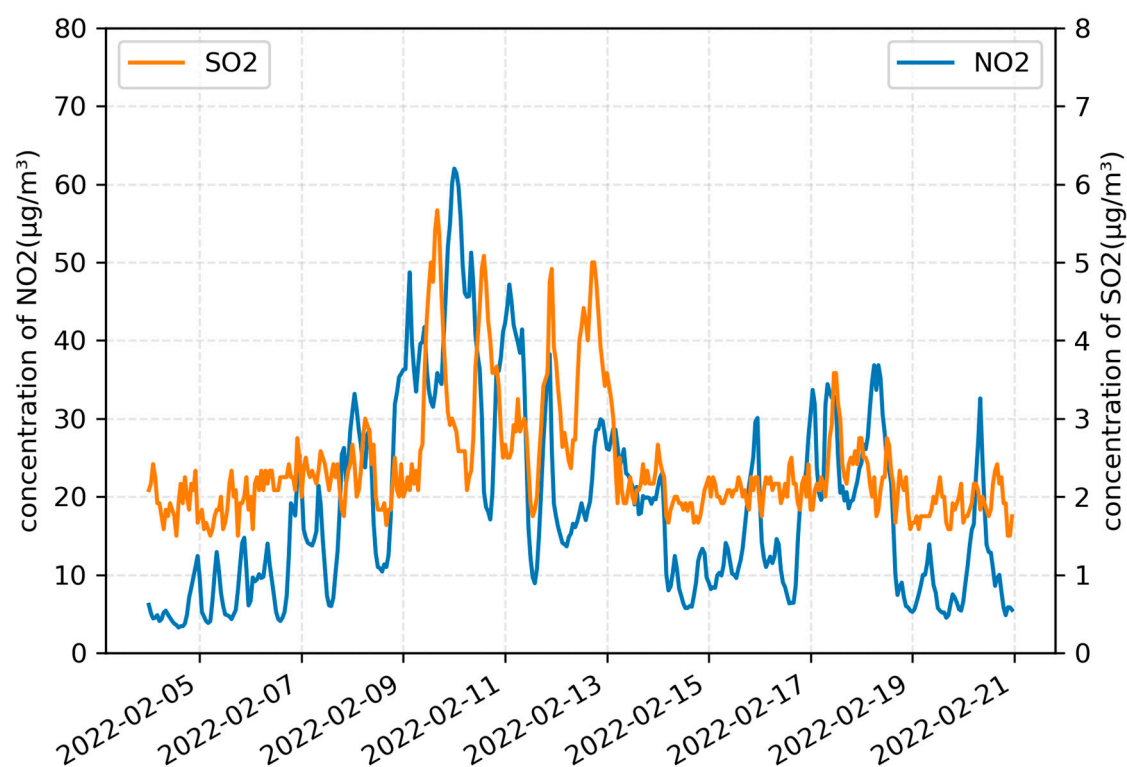


Figure S2. Trend of NO2 and SO2 concentrations during the Beijing Winter Olympic Games (2022.02.04-2022.02.20)

Table S1. Concentration range and mean values of PM2.5, NO2, SO2, and CO during the Beijing Winter Olympics and during 2.17 – 2.19 (2022)

<b>Pollutants</b>	<b>Range in all period(mean)</b>	<b>Range in 17th-19th(mean)</b>
SO <sub>2</sub> (μg/m <sup>3</sup> )	1.51-5.67 (2.51)	1.58-3.58 (2.17)
NO <sub>2</sub> (μg/m <sup>3</sup> )	3.25-62.01 (18.85)	4.51-33.81 (18.12)
CO (mg/m <sup>3</sup> )	0.19-0.98 (0.46)	0.21-0.78 (0.38)
PM2.5 (μg/m <sup>3</sup> )	4.33-86.92 (25.81)	5.11-63.01 (22.38)