SUPPLEMENTARY INFORMATION FOR
Mobile monitoring of urban air quality at high spatial resolution by low-cost sensors: Impacts of COVID-19 pandemic lockdown

Shibao Wang[1], Yun Ma[1], Zhongrui Wang[1], Lei Wang[1], Xuguang Chi[1], Aijun Ding[1], Mingzhi Yao[2], Yunpeng Li[2], Qilin Li[2], Mengxian Wu[3], Ling Zhang[3], Yongle Xiao[3], Yanxu Zhang[1]

[1]School of Atmospheric Sciences, Nanjing University, Nanjing, China
[2]Beijing SPC Environment Protection Tech Company Ltd., Beijing, China
[3]Hebei Saihero Environmental Protection Hi-tech. Company Ltd., Shijiazhuang, China

Correspondence to: Yanxu Zhang (zhangyx@nju.edu.cn)

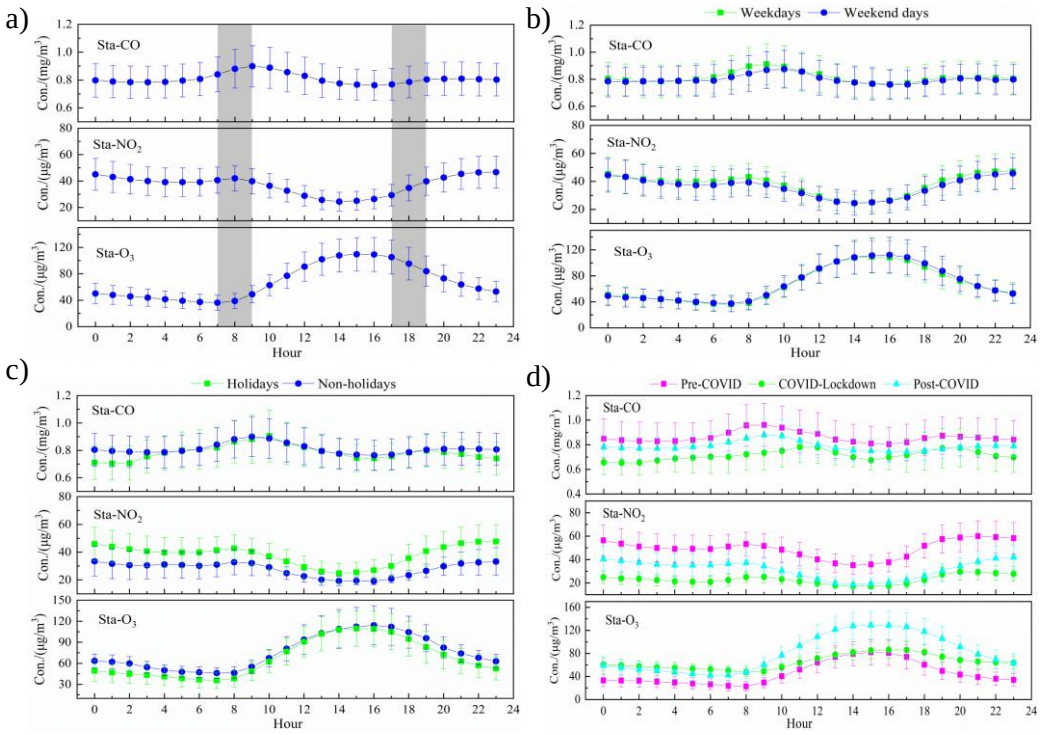

Figure S1. Diurnal cycles of three pollutant concentrations measured in rush/non-rush hours, weekdays/weekend days, holidays/non-holidays, and different stage of the COVID-19 pandemic by the stations sites data. Error bars show the standard deviation of observations. Gray areas represent the rush hours, and the other represents the non-rush hours.

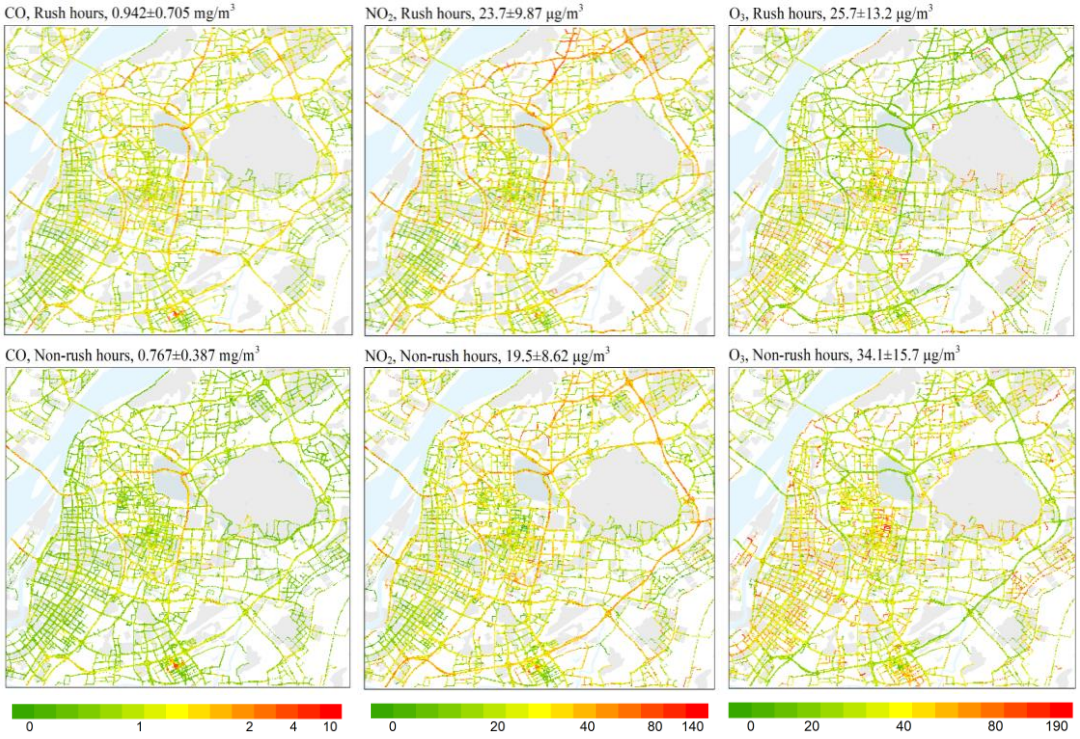

Figure S2. Spatial variation of CO, NO_2, and O_3 concentrations in rush hours and non-rush hours in the research area. © OpenStreetMap contributors 2019. Distributed under a Creative Commons BY-SA License.

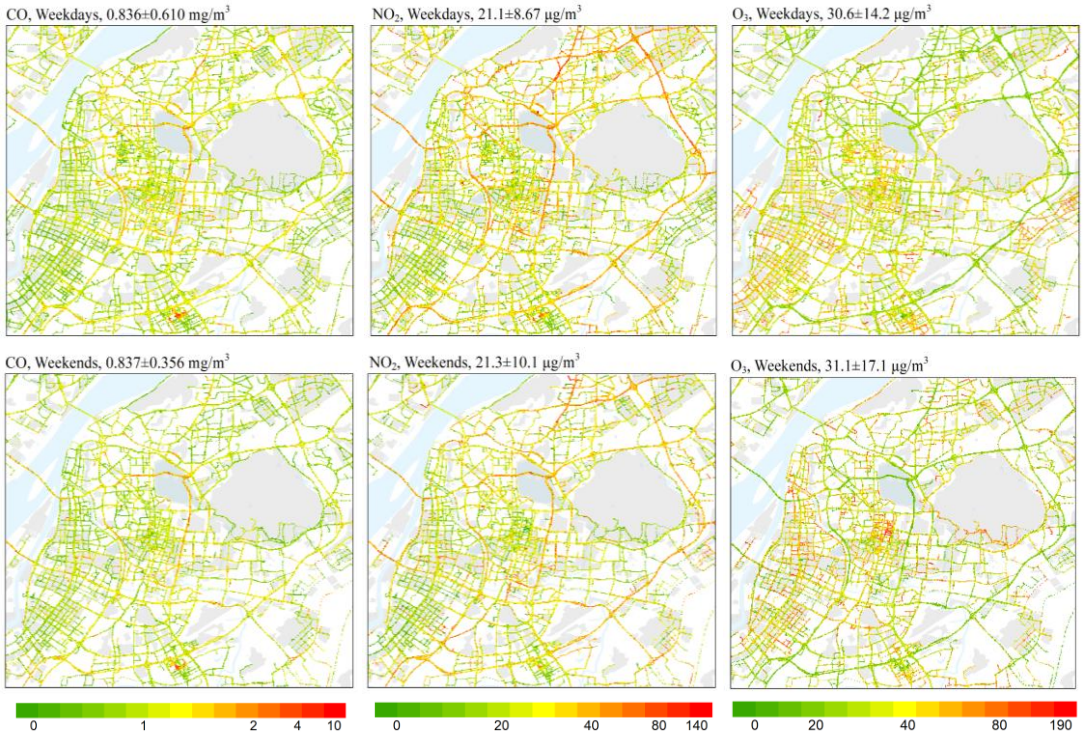

Figure S3. Spatial variation of CO, NO_2, and O_3 concentrations in weekdays and weekend days in the research area. © OpenStreetMap contributors 2019. Distributed under a Creative Commons BY-SA License.

Figure S4. Spatial variation of CO, NO_2, and O_3 concentrations in holiday and non-holiday in the research area.