

## Supplementary material

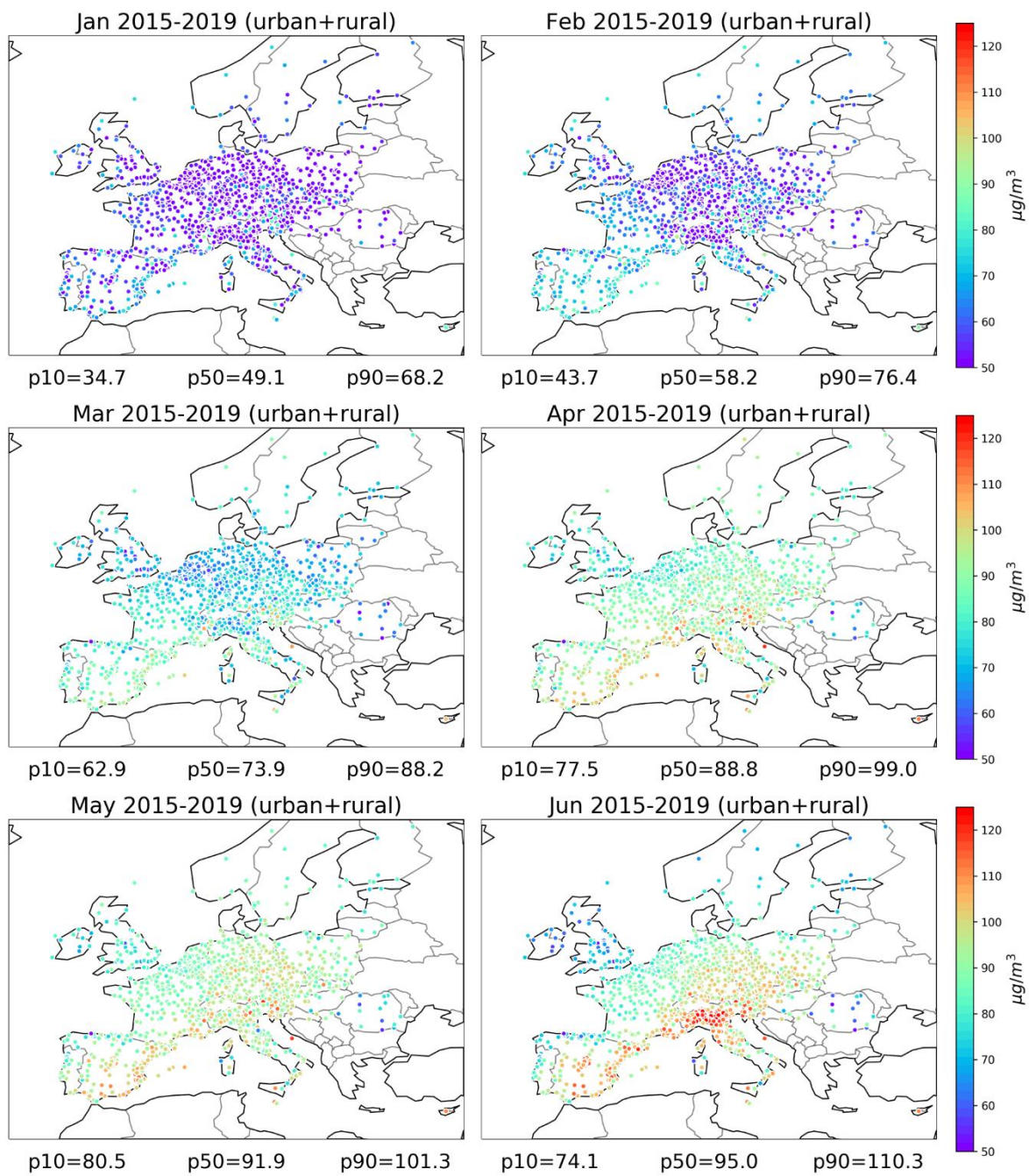
### **Early spring near-surface ozone in Europe during the COVID-19 shutdown: meteorological effects outweigh emission changes**

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**Figure S1.** Monthly averages of MDA8 O<sub>3</sub> at background sites during 2015–2019.

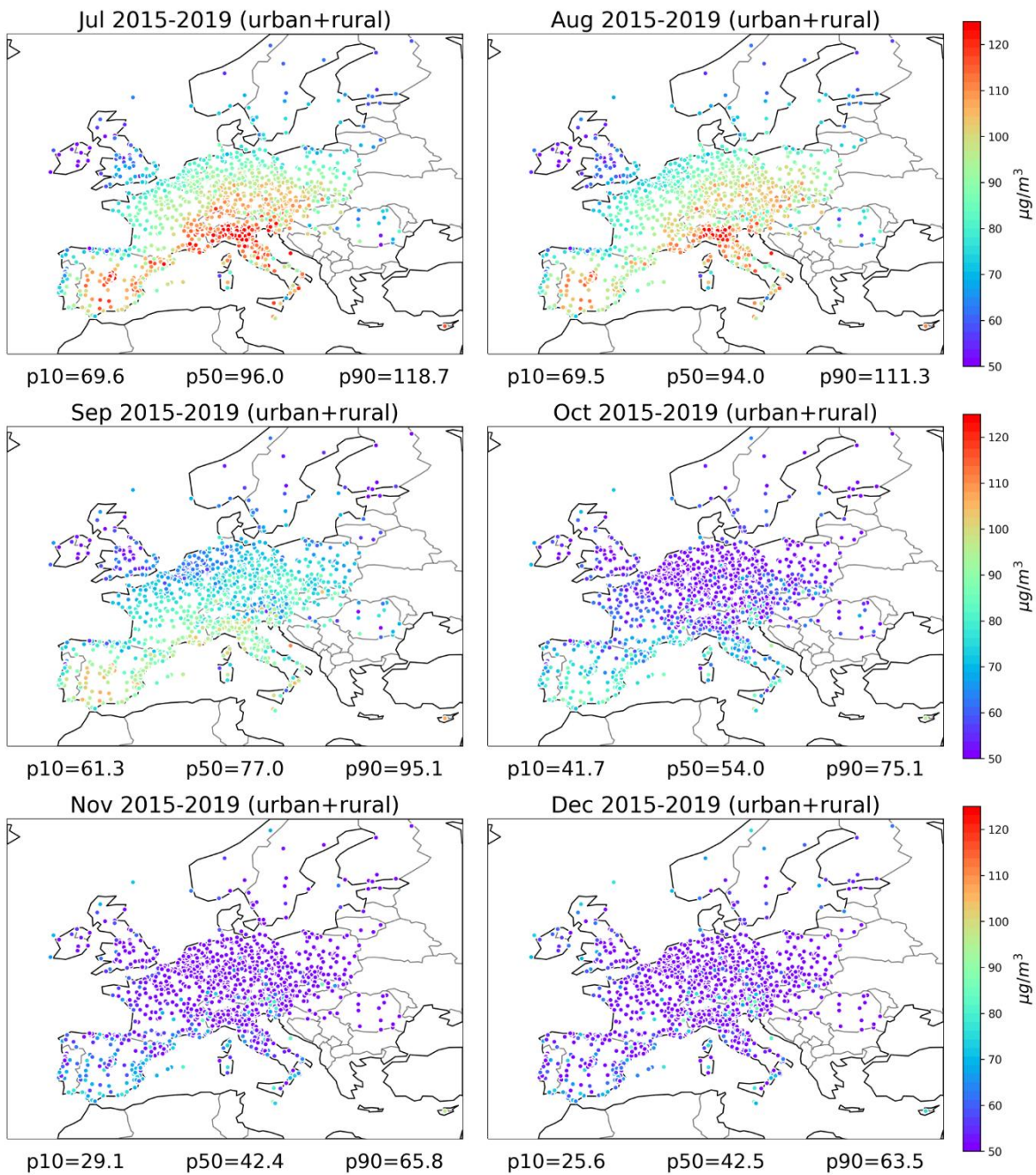
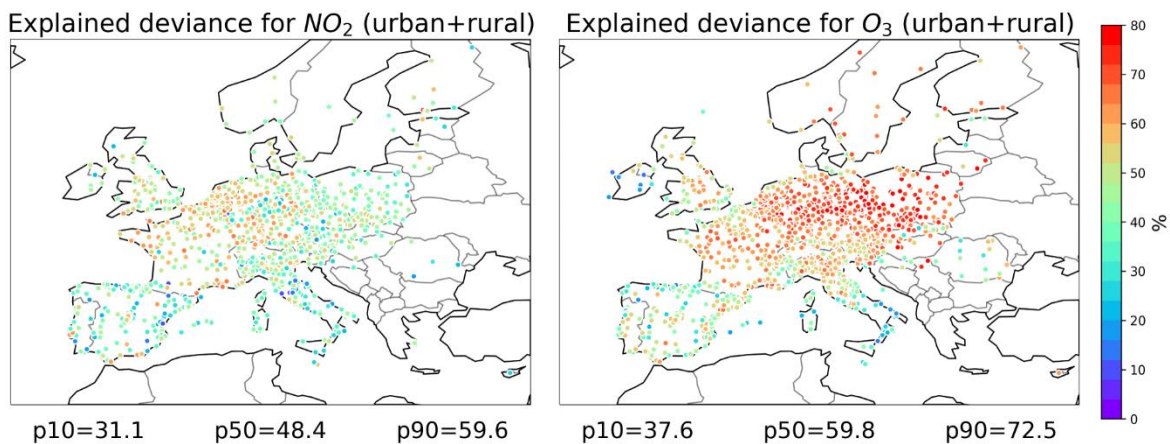
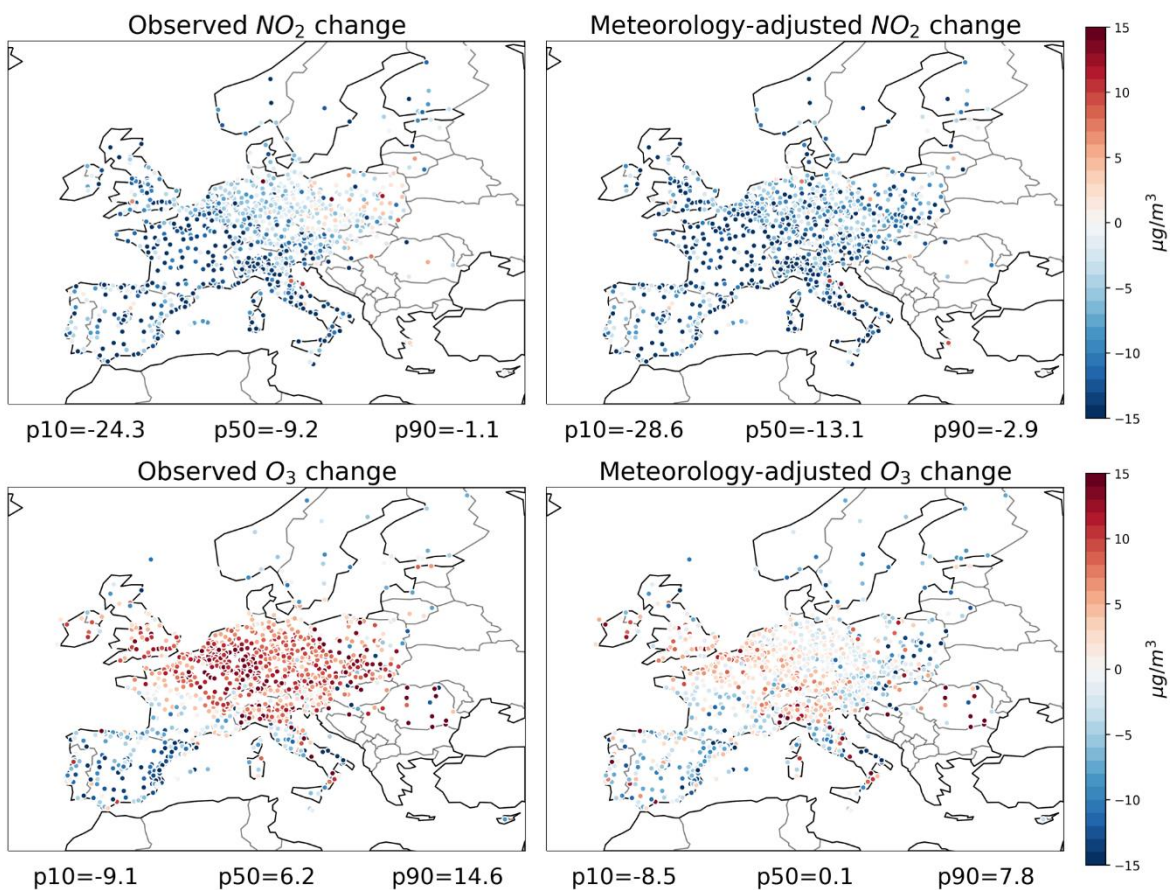


Figure S1. Continued.





**Figure S2.** Deviance explained by the GAMs for 1-h daily maximum  $NO_2$  (left) and MDA8  $O_3$  (right) at background sites during March–April 2015–2019.



**Figure S3.** As Figure 1 of the main text but in  $\mu g/m^3$ .