We thank the two reviewers for their generous efforts in reviewing our manuscript again. Both reviewers suggest to provide validation results if the emission scenarios are changed. To address the concern, we provided comparison results with additional 9 cases in Figure S10.

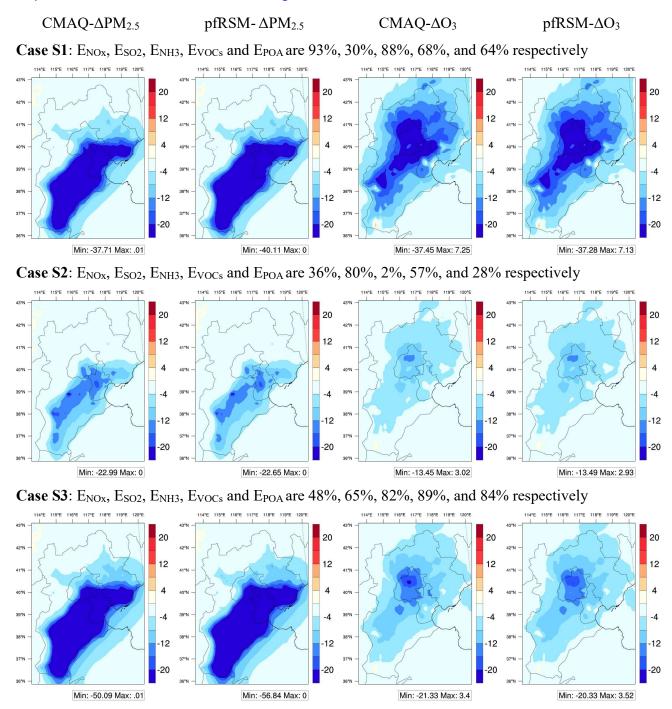


Figure S10. Spatial distribution of CMAQ-simulated and pf-RSM-predicted O<sub>3</sub> in baseline and O<sub>3</sub> responses in two control scenarios (monthly averages of daily 1-hour maxima O<sub>3</sub> in July 2014, unit: ppb)

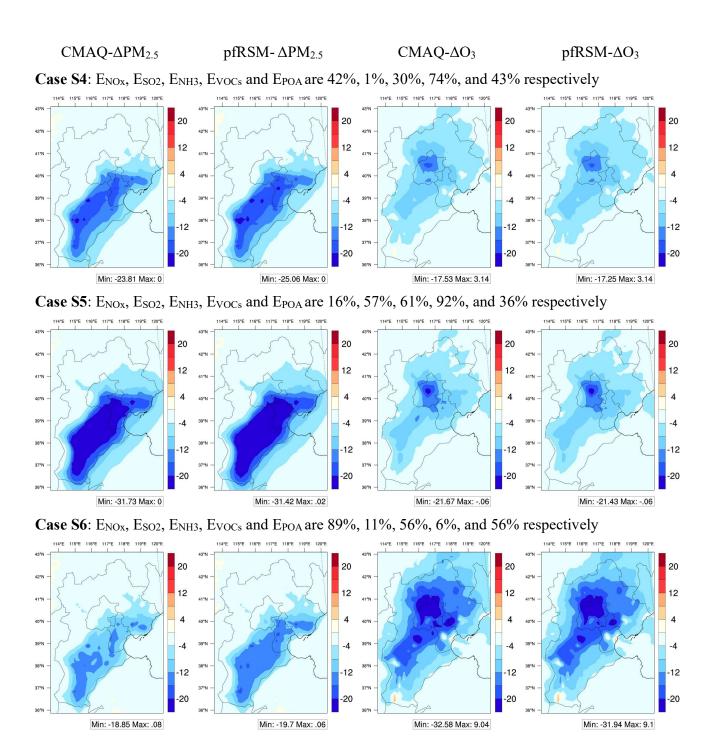


Figure S10. (cont.)

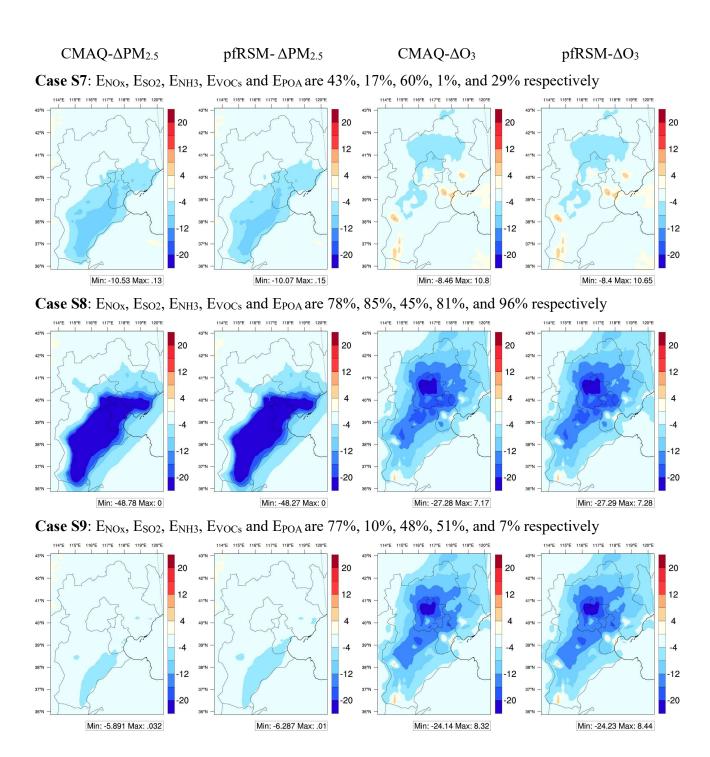


Figure S10. (cont.)