

Supplementary Materials

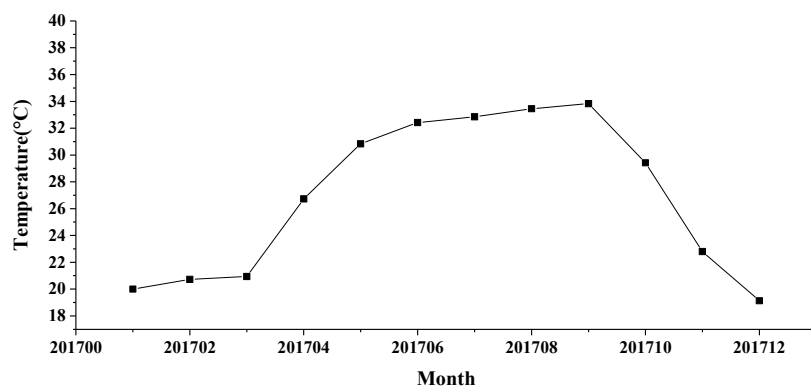


Figure S1. Monthly averaged temperature over Nanjing (capital of GX) in the year 2017.

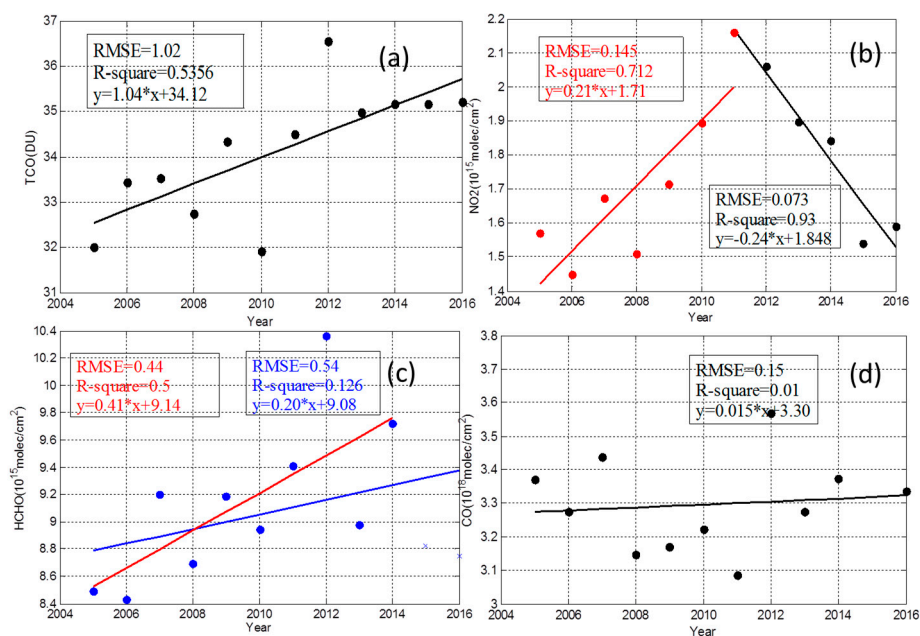


Figure S2. Annual average and long trend of TCO and its precursors. The fitting lines are within 95% confidence intervals. (a) TCO(DU), (b) NO₂(10¹⁵ molec/cm²), the red line represents the trend of 2005–2012, the black line represents the trend of 2012–2016, (c) HCHO (10¹⁵ molec/cm²), the red line represents the trend of 2005–2014, the black line represents the trend of 2005–2016, and (d) CO (10¹⁸ molec/cm²).