It should be mentioned that the measurements of NO<sub>2</sub> was via conversion to NO by a molybdenum NO<sub>2</sub>-to-NO converter heated to about 325 °C, which is known to suffer from the interference of other NOy compounds such as PAN and HNO<sub>3</sub> (Steinbacher et al., 2007; Jung et al., 2017). This implies that the measured NO<sub>2</sub> concentrations have to be viewed as an upper limit. However, it is not possible to quantify the overestimation due to the lack of other information. The interference might be enhanced with the increasing PAN/NOx ratios. Qiu et al. (2020) reported an increasing PAN/NO<sub>x</sub> ratio from 2011 to 2018 at a background site in North China Plain, but it is not clear if there was similar increase in PAN/NO<sub>x</sub> in the YRD. During the transport of air masses to the background site, HNO<sub>3</sub> should have been reduced by deposition and partitioning in the particulate phase and intercepted by filters before NOx is measured. The overestimation of NOx by partial conversion of NOz (NOy-NOx), produced by NOx oxidation, in turn, might be a positive offset in the difference between the concentration and emission of NOx when discussing their long-term trends.