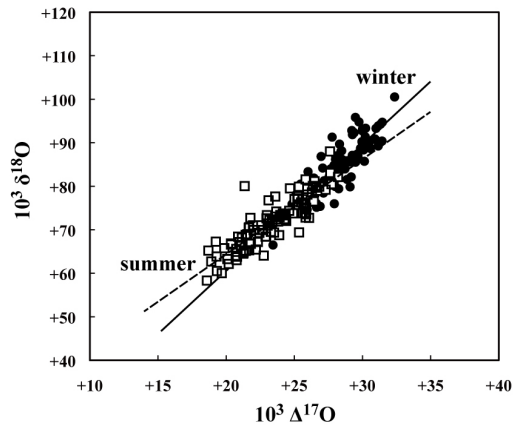
1 *Supplement of*

2 Accurate and precise quantification of atmospheric nitrate

3 in streams draining land of various uses by using triple

4 oxygen isotopes as tracers

5 **Urumu Tsunogai et al.**

6

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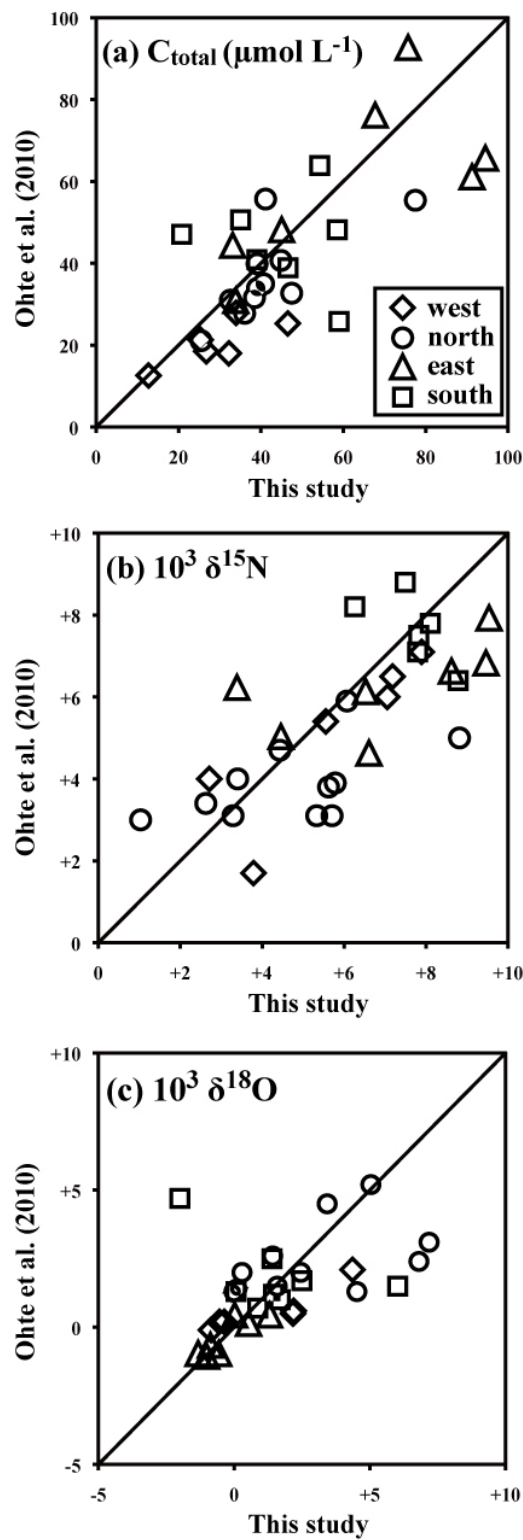
9 Figure S1. Relationship between $\Delta^{17}O$ and $\delta^{18}O$ for atmospheric nitrate in wet deposition. The

10 black circles represent those in winter, from November to March, whereas the white squares

11 represent those in summer, from April to October. The solid and dashed lines represent the

12 least-squares fitted lines to the data of winter and summer, respectively.

13

2   Figure S2. Comparison of the (a) annual average concentration, (b) $\delta^{15}N$, and (c) $\delta^{18}O$ for

3   nitrate in each inflow stream with the values obtained in this study and those reported in Ohte

4   et al. (2010). The symbols represent the location of each river (west: diamonds; north: circles;

5   east: triangles; south: squares).