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Supplement of

Contribution of ship emissions to the concentration and deposition of air pollutants in Europe

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Fig. S1. Annual ship emissions in 2006 a) CO, b) NO$_x$, c) PM$_{2.5}$, d) SO$_2$ (tonnes y$^{-1}$)
Fig. S2. Annual mean surface O$_3$ mixing ratio (ppb) in 2006 (no ship).

Fig. S3. Annual mean PM$_{2.5}$ concentration ($\mu$g m$^{-3}$) in 2006 (no ship).
Fig. S4. Dry (left) and wet (right) nitrogen deposition (kg N ha\(^{-1}\) y\(^{-1}\)) in 2006 (no ship).

Fig. S5. Contribution of ship emissions to dry (left) and wet (right) nitrogen deposition in 2006 (%) ((base case-no ship)x100/(base case)).

Fig. S6. Contribution of ship emissions to NH\(_4\) in 2006 (µg m\(^{-3}\)) (base case-no ship).
Fig. S7. Dry (left) and wet (right) S deposition (kg S ha$^{-1}$ y$^{-1}$) in 2006 (no ship). Note that the actual scale for dry deposition (left) is ten times higher.

Fig. S8. Contribution of ship emissions to S deposition in 2006 (%) ((base case-no ship)x100/(base case)).