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Supplement of

Anthropogenic and biogenic influence on VOC fluxes at an urban background site in Helsinki, Finland

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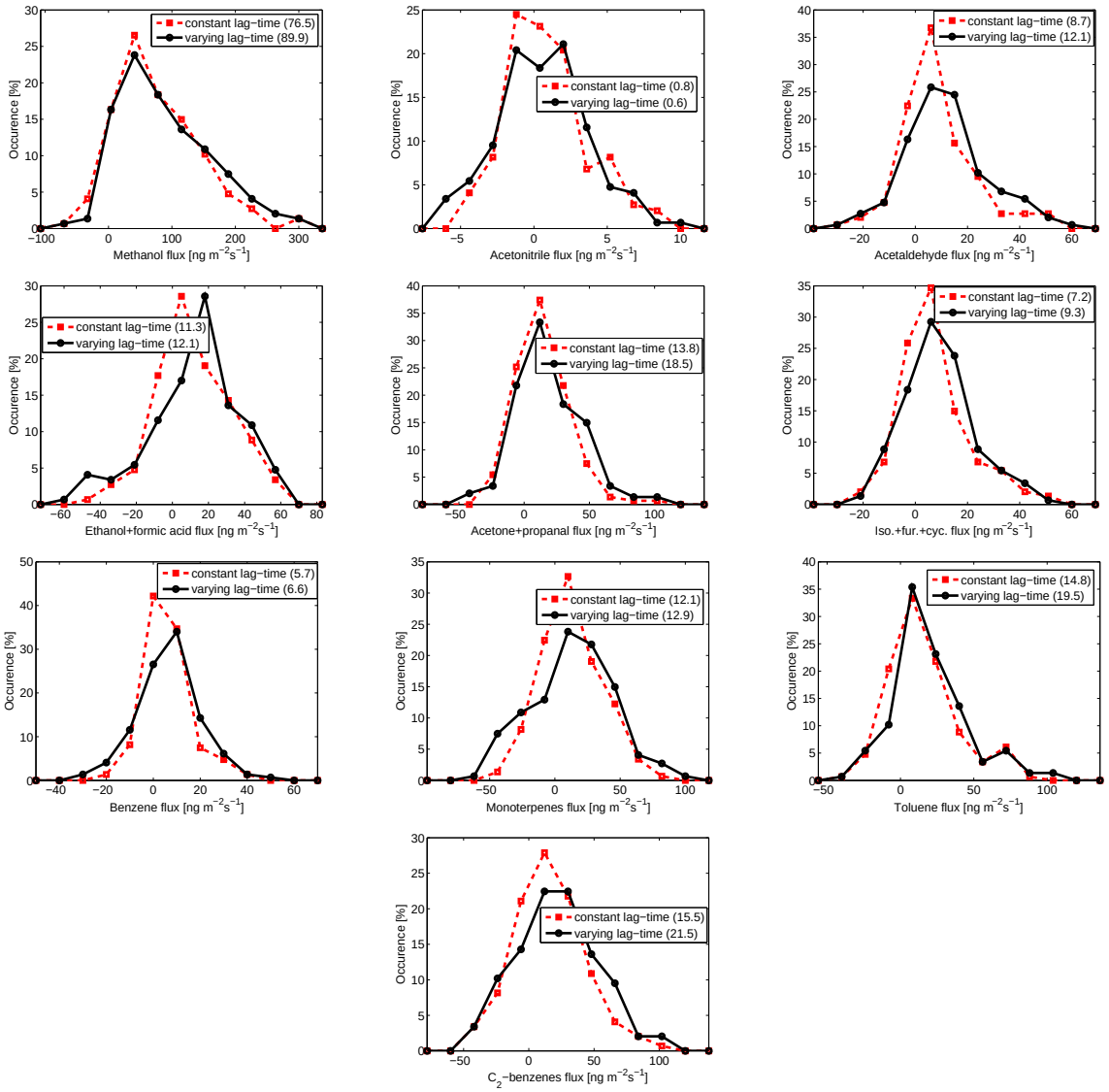

Figure S1: Flux distributions with constant lag-times (red) and varying lag-times (black). The numbers in the legends represent the mean fluxes (unit ng $m^{-2}s^{-1}$). The distributions were calculated from a period between 21 May and 4 July 2013 (147 data points).

Figure S2: The median fluxes (Jan 2013 – Sep 2014) as a function of the local wind direction (20° interval). Black, blue and red bar edges describe the built, road and vegetation sector, respectively. The final figure shows the histogram of the wind direction.

OVOC fluxes as a function of the ambient temperature

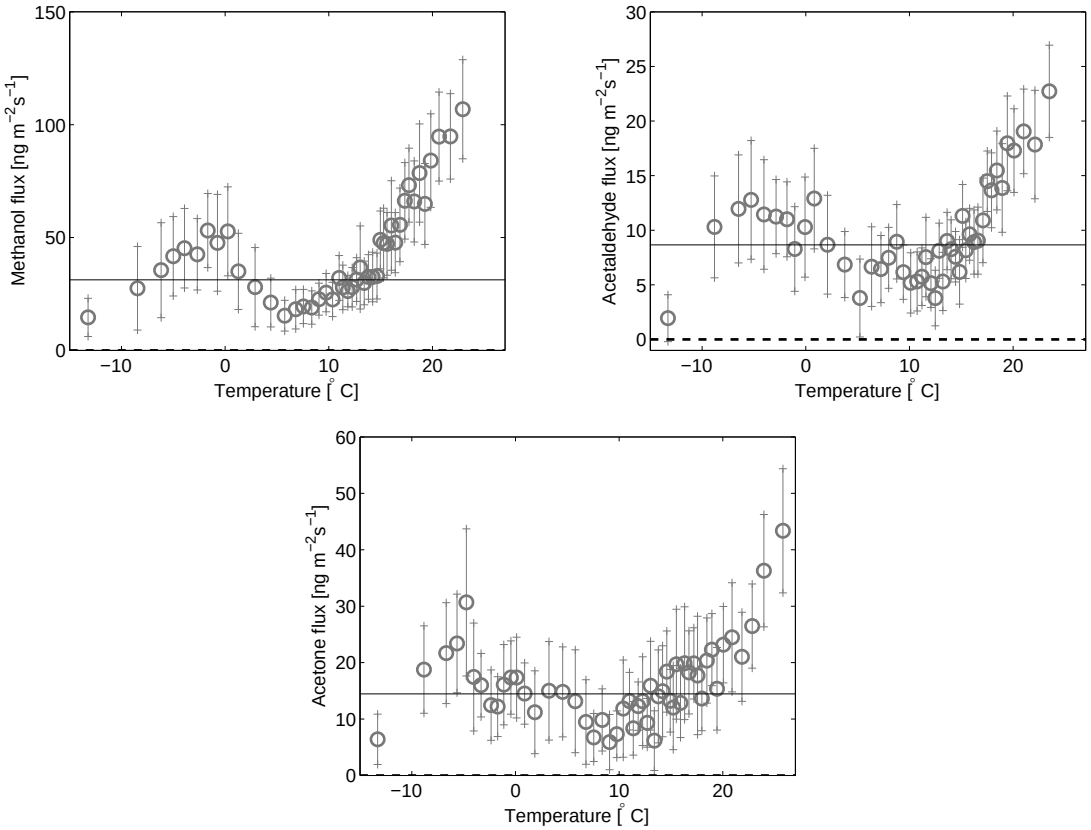

Figure S3: Bin-averaged methanol ($n = 45$), acetladehyde ($n = 45$) and acetone ($n = 45$) fluxes as a function of the ambient temperature (January 2013 – Sep 2014). The solid lines show the average fluxes in the range of $T < 10$°C.