**Supplementary online content**

Parks RM, Gibson EA, Balilian, A, Nunez Y, Hansen J, Raaschou-Nielsen O, Ketzel M, Khan J, Brandt J, Vermeulen R, Peters S, Goldsmith J, Re DB, Weisskopf MG, Kioumourtzoglou MA, Long-term traffic-related air pollutant exposure and amyotrophic lateral sclerosis diagnosis in Denmark: a Bayesian hierarchical analysis.

**eFigure 1**. Sensitivity of percentage change in odds of ALS diagnosis for non-pollutant parameters.

**eFigure 2**. Average concentration of included pollutants by parish for 1989-2013.

This supplementary material has been provided by the authors to give readers additional information about their work.

**eFigure 1**. Sensitivity of percentage change in odds of ALS diagnosis for non-pollutant parameters.

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**eFigure 2**. Average concentration of included pollutants (NOx, EC, PM2.5, CO, O3,) by in 1 km x 1 km resolution for year 2000 (about middle of range 1989-2013).









