October 23, 2020, Johnni

**Case-control study of ALS and air pollutants based on address history**

Study population:

In total 4011 cases: patients from the National Hospital Register with an ALS diagnosis (ICD8 /ICD10) between January 1, 1989 and December 31, 2013. Age: ≥ 20 years at date of diagnosis (born 1901-1987).

Five ALS-free (at date of cases diagnosis) random controls matched on year of birth and sex.

Dataset: ALS\_desc\_1989\_2013\_1k

Variable: Description

nr Serial number (case and corresponding controls have the same number; 2-4608)

lobnr case/control number (case=0; controls 1-5)

bdate Date of birth (DOB)

sex Sex: 1=men; 2=women

mynkod Place of birth at a parish level parish

geokod Place of birth in broader categories based on “mynkod”

postnr Zip-code at index date

civst5 Civil status

civstdat Date of civst5

stilkod Job code

status Vital status by March 2017

statdat Date for the vital status (no status date if “status” = 1: alive)

social SES-code for index person: 1 (high)- 5(low) ; 0 and 9 unknown

aegsocial SES-code for spouse: 1 (high)- 5(low) ; 0 and 9 unknown; missing ‘.’ if no spouse

daars1 Primary cause of death (ICD8/ICD10)

daars2 Cause of death (ICD8/ICD10)

daars3 Cause of death (ICD8/ICD10)

daars4 Cause of death (ICD8/ICD10)

daars5 Cause of death (ICD8/ICD10)

d\_inddto Date of hospital admission (date of first known ALS diagnosis)

d\_uddto End of last admission

diag ALS-diagnosis (ICD8/ICD10)

diagdat Date of first known ALS diagnosis

diagyr Year of ALS diagnosis

diagtype Type of diagnosis

pattype Patient type (most recent hospital contact)