## Association between municipality characteristics and cumulative COVID-19 positive cases % Unemployment Av. Taxable Base Income % Small House (Intercept) (Alternative) (10k euro) (<=90sq.m)2.5 10000 2.0 1e+14 2.0 1e+07 100 1.5 1e+00 1.0 t model odds ratio CI (logged scale) CI (logged scale) 1e-07 0.7 1.0 % Age 65+ % Immigrants out of EU Death rate in 2018 % University degree 1e+17 1e+09 1e+50 1e+08 1e-06 1e+32 Hurdle component with 90% and 95% 1e-01 1e+07 1e-21 1e+14 1e-07 1e-10 1e-36 1e-04 Mar 15 Population (Log) Pop. Density (Log) Av. N in Household 2.0 30 2.0 10 1.0 3 0.5 0.7 Nay Or Apr 15 May 15 APr O1 Apr 15 Apr 15 May or 5 Nay Nay 15

Models estimated daily by hurdle model with logit for hurdle component and negative binomial regression for positive count.

Predictors' scales are standardized: odds/incidence-rate ratios correspond to 1 SD increase in each predictor.

Includes cases recored by 2020/05/16 (N=923 in each model).

Date