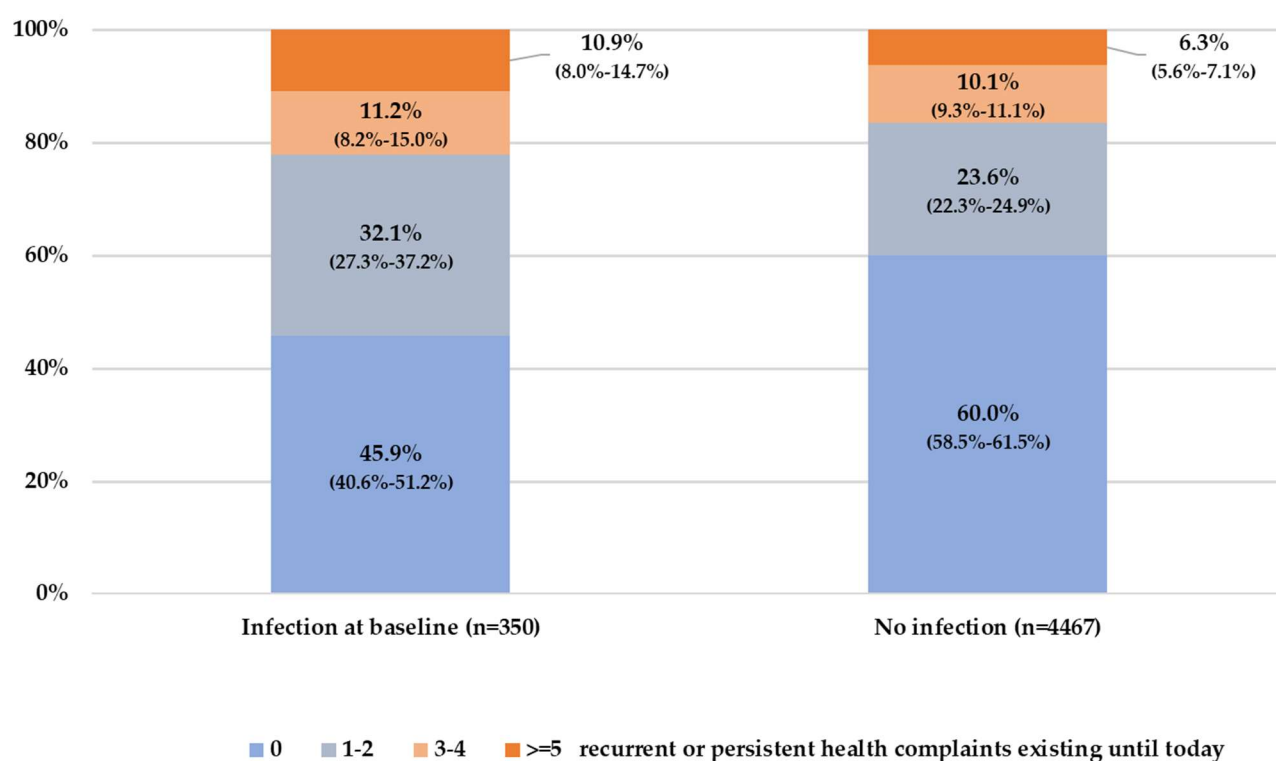


**Supplementary table 1** Recurrent or persistent health complaints *that are still existing until today* comparing participants with and without SARS-CoV-2 infection

| Recurrent or persistent health complaints still existing until today | Infection at baseline (n=350) |                             |                        | No infection (n=4467) |                             |                        |
|----------------------------------------------------------------------|-------------------------------|-----------------------------|------------------------|-----------------------|-----------------------------|------------------------|
|                                                                      | <i>n</i>                      | Proportion in %<br>(95% CI) | Odds ratio<br>(95% CI) | <i>n</i>              | Proportion in %<br>(95% CI) | Odds ratio<br>(95% CI) |
| Fever above 38 °C                                                    | 2                             | 0.6 (0.1-2.3)               | 2.78 (0.55-13.95)      | 8                     | 0.2 (0.1-0.4)               | reference              |
| Cough                                                                | 31                            | 9.0 (6.4-12.5)              | 1.51 (1.01-2.25)       | 280                   | 6.5 (5.8-7.3)               | reference              |
| Shortness of breath                                                  | 63                            | 18.3 (14.6-22.8)            | 4.16 (2.95-5.86)       | 282                   | 6.5 (5.8-7.3)               | reference              |
| Pain when breathing                                                  | 7                             | 2.0 (1.0-4.2)               | 4.49 (1.77-11.36)      | 21                    | 0.5 (0.3-0.7)               | reference              |
| Chest pain                                                           | 14                            | 4.1 (2.4-6.8)               | 1.85 (1.01-3.39)       | 99                    | 2.3 (1.9-2.8)               | reference              |
| Sore throat                                                          | 12                            | 3.5 (2.0-6.1)               | 1.10 (0.59-2.02)       | 135                   | 3.1 (2.6-3.7)               | reference              |
| Runny nose                                                           | 30                            | 8.7 (6.2-12.2)              | 1.19 (0.80-1.78)       | 334                   | 7.7 (7.0-8.6)               | reference              |
| Smell/taste disorders                                                | 25                            | 7.3 (5.0-10.5)              | 4.77 (2.91-7.82)       | 70                    | 1.6 (1.3-2.0)               | reference              |
| Loss of appetite                                                     | 9                             | 2.6 (1.4-5.0)               | 2.08 (0.98-4.42)       | 63                    | 1.5 (1.1-1.9)               | reference              |
| Fatigue                                                              | 86                            | 25.0 (20.7-29.9)            | 2.12 (1.60-2.81)       | 644                   | 14.9 (13.9-16.0)            | reference              |
| Headache                                                             | 40                            | 11.7 (8.7-15.5)             | 1.15 (0.81-1.65)       | 442                   | 10.2 (9.4-11.2)             | reference              |
| Dizziness                                                            | 33                            | 9.6 (6.9-13.2)              | 1.37 (0.91-2.07)       | 314                   | 7.3 (6.5-8.1)               | reference              |
| Nausea/stomach upset                                                 | 15                            | 4.4 (2.6-7.1)               | 1.12 (0.63-1.98)       | 169                   | 3.9 (3.4-4.5)               | reference              |
| Hot flushes/chills                                                   | 22                            | 6.4 (4.2-9.5)               | 0.96 (0.60-1.54)       | 278                   | 6.4 (5.7-7.2)               | reference              |
| Sleep disorders                                                      | 61                            | 17.7 (14.0-22.2)            | 1.06 (0.77-1.45)       | 736                   | 17.0 (16.0-18.2)            | reference              |
| Myalgia and joint pain                                               | 44                            | 12.8 (9.7-16.8)             | 1.41 (0.97-2.04)       | 392                   | 9.1 (8.3-10.0)              | reference              |
| Numbness/burning/tingling in the feet/legs/hands                     | 22                            | 6.4 (4.3-9.6)               | 1.20 (0.73-1.97)       | 236                   | 5.5 (4.8-6.2)               | reference              |
| Weakness in the legs                                                 | 35                            | 10.2 (7.4-13.9)             | 2.00 (1.30-3.06)       | 255                   | 5.9 (5.2-6.6)               | reference              |

Odds ratio and 95% confidence interval (95% CI) are derived from logistic regression models adjusted for baseline age (years), sex, municipality, baseline educational level (lower, medium, high), baseline body mass index ( $\geq 30$  vs.  $< 30$  kg/m<sup>2</sup>), baseline smoking status (current, ex-, never smoker), chronic disease or health problem lasting for at least 6 months before baseline (yes vs. no), health-related limitation in usual everyday activities lasting for at least 6 months before baseline (yes vs. no), depression/anxiety symptoms in the past two weeks before baseline (yes vs. no) and follow-up time (days). Missings for loss of appetite, dizziness (each n=149), shortness of breath, nausea/stomach upset, hot flushes/chill, weakness in the legs, numbness/burning/tingling in the feet/legs/hands (each n=151), fever above 38 °C, cough, pain when breathing, sore throat (each n=152), smell/taste disorders, fatigue, headache (each n=153), runny nose (n=154), sleep disorders, myalgia and joint pain (each n=155), chest pain (n=158).



**Supplementary figure 1** Number of recurrent or persistent health complaints *that are still existing until today* comparing participants with and without SARS-CoV-2

**Supplementary table 2** Recurrent or persistent health complaints comparing participants with and without SARS-CoV-2 infection *applying an extended definition of SARS-CoV-2 infection in one municipality*

| Recurrent or persistent health complaints still existing until today | Infection at baseline (n=42) |                          |                     | No infection (n=1256) |                          |                     |
|----------------------------------------------------------------------|------------------------------|--------------------------|---------------------|-----------------------|--------------------------|---------------------|
|                                                                      | <i>n</i>                     | Proportion in % (95% CI) | Odds ratio (95% CI) | <i>n</i>              | Proportion in % (95% CI) | Odds ratio (95% CI) |
| Fever above 38 °C                                                    | 3                            | 7.1 (2.2-20.5)           | 1.66 (0.47-5.79)    | 49                    | 4.1 (3.1-5.4)            | reference           |
| Cough                                                                | 13                           | 31.0 (18.6-46.8)         | 1.82 (0.91-3.64)    | 244                   | 20.5 (18.3-22.9)         | reference           |
| Shortness of breath                                                  | 14                           | 33.3 (20.5 -49.2)        | 5.90 (2.82-12.34)   | 135                   | 11.3 (9.6-13.3)          | reference           |
| Pain when breathing                                                  | 1                            | 2.4 (0.3-15.8)           | 1.33 (0.16-10.92)   | 20                    | 1.7 (1.1-2.6)            | reference           |
| Chest pain                                                           | 3                            | 7.1 (2.2-20.5)           | 1.91 (0.55-6.57)    | 59                    | 5.0 (3.9-6.3)            | reference           |
| Sore throat                                                          | 11                           | 26.2 (14.9-41.9)         | 1.44 (0.69-3.02)    | 244                   | 20.5 (18.3-22.9)         | reference           |
| Runny nose                                                           | 15                           | 35.7 (22.5-51.6)         | 1.24 (0.64-2.42)    | 373                   | 31.3 (28.7-34.0)         | reference           |
| Smell/taste disorders                                                | 7                            | 16.7 (8.0-31.6)          | 6.06 (2.46-14.92)   | 37                    | 3.1 (2.3-4.3)            | reference           |
| Loss of appetite                                                     | 1                            | 2.4 (0.3-15.8)           | 0.67 (0.09-5.21)    | 52                    | 4.4 (3.3-5.7)            | reference           |
| Fatigue                                                              | 14                           | 33.3 (20.5-49.2)         | 1.97 (0.98-3.95)    | 278                   | 23.3 (21.0-25.8)         | reference           |
| Headache                                                             | 13                           | 31.0 (18.6-46.8)         | 1.01 (0.49-2.08)    | 376                   | 31.5 (29.0-34.2)         | reference           |
| Dizziness                                                            | 6                            | 14.3 (6.4-28.9)          | 1.01 (0.41-2.53)    | 185                   | 15.5 (13.6-17.7)         | reference           |
| Nausea/stomach upset                                                 | 5                            | 11.9 (4.9-26.1)          | 1.17 (0.44-3.11)    | 140                   | 11.7 (10.0-13.7)         | reference           |
| Hot flushes/chills                                                   | 6                            | 14.3 (6.4-28.9)          | 1.34 (0.53-3.38)    | 135                   | 11.3 (9.6-13.3)          | reference           |
| Sleep disorders                                                      | 11                           | 26.2 (14.9-41.9)         | 1.33 (0.64-2.79)    | 280                   | 23.5 (21.2-26.0)         | reference           |
| Myalgia and joint pain                                               | 7                            | 16.7 (8.0-31.6)          | 1.51 (0.62-3.71)    | 165                   | 13.8 (12.0-15.9)         | reference           |
| Numbness/burning/tingling in the feet/legs/hands                     | 1                            | 2.4 (0.3-15.8)           | 0.33 (0.04-2.64)    | 96                    | 8.1 (6.6-9.7)            | reference           |
| Weakness in the legs                                                 | 5                            | 11.9 (4.9-26.1)          | 1.76 (0.63-4.89)    | 105                   | 8.8 (7.3-10.6)           | reference           |

Odds ratio and 95% confidence interval (95% CI) are derived from logistic regression models adjusted for the same variables as in Supplementary table 1. Missings for fever above 38 °C, cough, shortness of breath, sore throat, runny nose, loss of appetite, fatigue, headache, dizziness, nausea/stomach upset, hot flushes/chills, sleep disorders, myalgia and joint pain, numbness/burning/tingling in the feet/legs/hands, pain when breathing (each n=64), chest pain, smell/taste disorders, weakness in the legs (each n=65).