## Supplementary Material

Supplementary Table 1. Adherence to COVID-19 preventive recommendations in the COSMO-SPAIN survey, according to sociodemographic characteristics and COVID-19 experience

|  | Mask use |  |  |  |  | Maintaining physical distance in general | Social distance |  | Ventilating closed spaces in general | Avoid public transport |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Always, in general | Always in family meetings/with friends | Mask type |  |  |  | Avoiding | Avoiding |  |  |
|  |  |  | Hygienic | Surgical | FFP2 |  | meeting with family | crowded places |  |  |
|  | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) |
| Sex |  |  |  |  |  |  |  |  |  |  |
| Men | 309 (75.9) | 249 (61.2) | 75 (20.8) | 178 (49.3) | 108 (29.9) | 166 (40.8) | 144 (35.4) | 211 (51.8) | 244 (60.0) | 265 (65.1) |
| Women | 378 (82.2) | 283 (61.5) | 82 (20.2) | 202 (49.8) | 122 (30.0) | 198 (43.0) | 209 (45.4) | 249 (54.1) | 319 (69.3) | 282 (61.3) |
| Age group (years) |  |  |  |  |  |  |  |  |  |  |
| 24-34 | 164 (75.6) | 101 (46.5) | 36 (19.6) | 97 (52.7) | 51 (27.7) | 70 (32.3) | 59 (27.2) | 95 (43.8) | 119 (54.8) | 136 (62.7) |
| 35-44 | 174 (75.7) | 133 (57.8) | 42 (20.5) | 100 (48.8) | 63 (30.7) | 95 (41.3) | 79 (34.3) | 119 (51.7) | 139 (60.4) | 143 (62.2) |
| 45-54 | 201 (83.1) | 165 (68.2) | 49 (22.5) | 103 (47.3) | 66 (30.3) | 107 (44.2) | 124 (51.2) | 137 (56.6) | 178 (73.6) | 164 (67.8) |
| 55-64 | 148 (83.2) | 133 (74.7) | 30 (18.8) | 80 (50.0) | 50 (31.3) | 92 (51.7) | 91 (51.1) | 109 (61.2) | 127 (71.3) | 104 (58.4) |
| Education |  |  |  |  |  |  |  |  |  |  |
| Primary or less | 161 (79.7) | 139 (68.8) | 31 (17.8) | 105 (60.3) | 38 (21.8) | 103 (51.0) | 93 (46.0) | 109 (54.0) | 137 (67.8) | 121 (59.9) |
| Secondary | 224 (81.2) | 171 (62.0) | 64 (26.1) | 116 (47.3) | 65 (26.5) | 113 (40.9) | 107 (38.8) | 149 (54.0) | 183 (66.3) | 176 (63.8) |
| University | 302 (77.6) | 222 (57.1) | 62 (17.8) | 159 (45.7) | 127 (36.5) | 148 (38.0) | 153 (39.3) | 202 (51.9) | 243 (62.5) | 250 (64.3) |
| Number of people living in the house |  |  |  |  |  |  |  |  |  |  |
| 1 | 76 (77.6) | 54 (55.1) | 19 (22.1) | 35 (40.7) | 32 (37.2) | 41 (41.8) | 31 (31.6) | 47 (48.0) | 57 (58.2) | 56 (57.1) |
| 2 | 216 (78.6) | 166 (60.4) | 50 (20.6) | 125 (51.4) | 68 (28.0) | 116 (42.2) | 111 (40.4) | 142 (51.6) | 182 (66.2) | 173 (62.9) |
| 3 | 178 (82.4) | 128 (59.3) | 42 (21.8) | 90 (46.6) | 61 (31.6) | 91 (42.1) | 84 (38.9) | 117 (54.2) | 145 (67.1) | 130 (60.2) |
| 4 | 143 (77.3) | 123 (66.5) | 33 (20.1) | 86 (52.4) | 45 (27.4) | 74 (40.0) | 87 (47.0) | 105 (56.8) | 124 (67.0) | 130 (70.3) |
| >=5 | 74 (79.6) | 61 (65.6) | 13 (16.0) | 44 (54.3) | 24 (29.6) | 42 (45.2) | 40 (43.0) | 49 (52.7) | 55 (59.1) | 58 (62.4) |
| Living with older than 60 |  |  |  |  |  |  |  |  |  |  |
| No | 548 (78.4) | 420 (60.1) | 124 (20.2) | 304 (49.5) | 186 (30.3) | 297 (42.5) | 279 (39.9) | 367 (52.5) | 450 (64.4) | 444 (63.5) |
| Yes | 139 (82.7) | 112 (66.7) | 33 (21.6) | 76 (49.7) | 44 (28.8) | 67 (39.9) | 74 (44.0) | 93 (55.4) | 113 (67.3) | 103 (61.3) |
| Employment |  |  |  |  |  |  |  |  |  |  |
| No | 243 (81.0) | 191 (63.7) | 55 (21.4) | 136 (52.9) | 66 (25.7) | 140 (46.7) | 131 (43.7) | 171 (57.0) | 203 (67.7) | 193 (64.3) |
| Yes | 444 (78.3) | 341 (60.1) | 102 (20.0) | 244 (47.8) | 164 (32.2) | 224 (39.5) | 222 (39.2) | 289 (51.0) | 360 (63.5) | 354 (62.4) |

(Table continues)

Supplementary Table 1 (continued)

|  | Mask use |  |  |  |  | Maintaining physical distance in general | Social distance |  | Ventilating closed spaces in general | Avoid public transport |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Always, in general | ```Always in family meetings/with friends``` | Mask type |  |  |  | Avoiding | Avoiding |  |  |
|  |  |  | Hygienic | Surgical | FFP2 |  | with family | places |  |  |
|  | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) |
| Healthcare worker ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |
| No | 425 (77.8) | 326 (59.7) | 101 (20.6) | 234 (47.8) | 154 (31.5) | 216 (39.6) | 213 (39.0) | 281 (51.5) | 346 (63.4) | 341 (62.5) |
| Yes | 19 (90.5) | 15 (71.4) | 1 (4.8) | 10 (47.6) | 10 (47.6) | 8 (38.1) | 9 (42.9) | 8 (38.1) | 14 (66.7) | 13 (61.9) |
| Telework* |  |  |  |  |  |  |  |  |  |  |
| No | 366 (78.5) | 290 (62.2) | 76 (18.3) | 197 (47.5) | 142 (34.2) | 189 (40.6) | 186 (39.9) | 236 (50.6) | 299 (64.2) | 283 (60.7) |
| Yes | 78 (77.2) | 51 (50.5) | 26 (27.4) | 47 (49.5) | 22 (23.2) | 35 (34.7) | 36 (35.6) | 53 (52.5) | 61 (60.4) | 71 (70.3) |
| Regional seroprevalence |  |  |  |  |  |  |  |  |  |  |
| <6.5\% | 316 (79.6) | 241 (60.7) | 73 (20.6) | 181 (51.1) | 100 (28.3) | 174 (43.8) | 164 (41.3) | 211 (53.2) | 267 (67.3) | 269 (67.8) |
| [6.5-9)\% | 54 (75.0) | 51 (70.8) | 13 (20.3) | 32 (50.0) | 19 (29.7) | 24 (33.3) | 32 (44.4) | 34 (47.2) | 52 (72.2) | 36 (50.0) |
| [9-12)\% | 163 (83.2) | 120 (61.2) | 33 (19.2) | 85 (49.4) | 54 (31.4) | 80 (40.8) | 91 (46.4) | 109 (55.6) | 126 (64.3) | 111 (56.6) |
| >=12\% | 154 (76.2) | 120 (59.4) | 38 (21.5) | 82 (46.3) | 57 (32.2) | 86 (42.6) | 66 (32.7) | 106 (52.5) | 118 (58.4) | 131 (64.8) |
| Personal history of COVID-19 |  |  |  |  |  |  |  |  |  |  |
| No infection | 629 (78.8) | 493 (61.8) | 143 (20.3) | 350 (49.7) | 212 (30.1) | 342 (42.9) | 330 (41.3) | 428 (53.6) | 515 (64.5) | 509 (63.8) |
| Not severe infection | 54 (88.5) | 35 (57.4) | 12 (21.8) | 29 (52.7) | 14 (25.5) | 19 (31.1) | 20 (32.8) | 27 (44.3) | 42 (68.8) | 33 (54.1) |
| Pneumonia or | 4 (50.0) | 4 (50.0) | 2 (28.6) | 1 (14.3) | 4 (57.1) | 3 (37.5) | 3 (37.5) | 5 (62.5) | 6 (75.0) | 5 (62.5) |
| hospitalization |  |  |  |  |  |  |  |  |  |  |
| Test confirmed self-reported COVID-19 |  |  |  |  |  |  |  |  |  |  |
| No | 644 (78.7) | 501 (61.3) | 149 (20.7) | 353 (49.0) | 218 (30.3) | 347 (42.4) | 333 (40.7) | 433 (52.9) | 528 (64.6) | 519 (63.5) |
| Yes | 43 (87.8) | 31 (63.3) | 8 (17.0) | 27 (57.5) | 12 (25.5) | 17 (34.7) | 20 (40.8) | 27 (55.1) | 35 (71.4) | 28 (57.1) |
| A close friend or relative had COVID-19 |  |  |  |  |  |  |  |  |  |  |
| No | 283 (80.2) | 227 (64.3) | 59 (19.2) | 165 (53.6) | 84 (27.3) | 186 (52.7) | 158 (44.8) | 194 (55.0) | 242 (68.6) | 237 (67.1) |
| Yes | 404 (78.6) | 305 (59.3) | 98 (21.4) | 215 (46.8) | 146 (31.8) | 178 (34.6) | 195 (37.9) | 266 (51.8) | 321 (62.5) | 310 (60.3) |

${ }^{\text {a }}$ Among employed participants.

Supplementary Table 2. Adherence to COVID-19 preventive recommendations in the ENE-COVID survey, according to sociodemographic characteristics and COVID-19 experience.

|  | Mask use |  |  |  |  |  |  | Maintain physical distance at work | Ventilating in the workplace | Social distance |  |  |  | Not using public transport |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Always in family meetings/with friends | Always at work |  | Always during Mask type |  |  |  |  |  |  |  |  | Avoid going |  |
|  |  |  | during leisure | displacements | Hygienic | Surgical | FFP2 |  |  | family meetings | events with >10 people | going to bars, inside | to bars, outside |  |
|  | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) |
| Sex |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Men | 5,411 | 9,037 | 13,103 | 13,419 | 2,718 | 8,466 | 2,634 | 8,788 | 9,449 | 1,911 | 9,790 | 8,729 | 4,652 | 10,967 |
|  | (45.4) | (88.9) | (96.8) | (97.7) | (19.7) | (61.3) | (19.1) | (86.4) | (92.9) | (13.8) | (70.8) | (63.1) | (33.6) | (79.3) |
| Women | 6,465 | 9,421 | 15,350 | 15,777 | 2,650 | 9,924 | 3,500 | 8,140 | 9,167 | 2,414 | 11,726 | 12,112 | 6,435 | 12,109 |
|  | (47.3) | (93.5) | (97.5) | (98.7) | (16.5) | (61.7) | (21.8) | (80.8) | (91.0) | (15.0) | (72.8) | (75.3) | (40.0) | (75.2) |
| Age group (years) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25-34 | 1,600 | 2,959 | 4,097 | 4,212 | 887 | 2,547 | 873 | 2,541 | 2,856 | 379 | 2,743 | 2,725 | 1,209 | 3,320 |
|  | (40.7) | (93.1) | (96.2) | (98.2) | (20.6) | (59.1) | (20.3) | (80.0) | (89.9) | (8.8) | (63.6) | (63.2) | (28.0) | (77.0) |
| 35-44 | 2,813 | 5,268 | 7,106 | 7,257 | 1,534 | 4,266 | 1,619 | 4,703 | 5,191 | 924 | 5,003 | 5,236 | 2,629 | 5,881 |
|  | $(43.3)$ | (92.8) | (97.3) | (98.3) | (20.7) | (57.5) | (21.8) | (82.8) | (91.4) | (12.4) | (67.4) | (70.5) | (35.4) | (79.2) |
| 45-54 | 3,891 | 6,070 | 8,767 | 8,998 | 1,682 | 5,672 | 1,843 | 5,647 | 6,169 | 1,437 | 6,681 | 6,377 | 3,407 | 7,044 |
|  | (50.1) | (90.8) | (97.4) | (98.3) | (18.3) | (61.7) | (20.0) | (84.5) | (92.3) | (15.6) | (72.5) | (69.2) | (37.0) | (76.5) |
| 55-64 | 3,572 | 4,161 | 8,483 | 8,729 | 1,265 | 5,905 | 1,799 | 4,037 | 4,400 | 1,585 | 7,089 | 6,503 | 3,842 | 6,831 |
|  | (48.3) | (88.6) | (97.2) | (98.0) | (14.1) | (65.8) | (20.1) | (85.9) | (93.7) | (17.6) | (78.9) | (72.4) | (42.8) | (76.1) |
| Education level |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Primary | 4,538 | 5,495 | 10,349 | 10,637 | 2,006 | 7,285 | 1,651 | 5,252 | 5,841 | 1,655 | 8,397 | 7,865 | 5,062 | 8,217 |
| or less | $(48.8)$ | (88.0) | (97.1) | (97.9) | (18.3) | (66.6) | (15.1) | (84.1) | (93.6) | (15.1) | (76.7) | (71.8) | (46.2) | (75.0) |
|  | 4,077 | 6,966 | 9,999 | 10,231 | 1,970 | 6,333 | 2,178 | 6,286 | 6,883 | 1,581 | 7,565 | 7,256 | 3,681 | 8,198 |
| Secondary | (45.8) | (92.3) | (97.3) | (98.2) | (18.8) | (60.4) | (20.8) | (83.3) | (91.2) | (15.1) | (72.1) | (69.2) | (35.1) | (78.1) |
|  | 3,165 | 5,823 | 7,840 | 8,045 | 1,336 | 4,589 | 2,257 | 5,213 | 5,708 | 1,038 | 5,333 | 5,523 | 2,224 | 6,441 |
| University | (44.2) | (93.0) | (97.0) | (98.6) | (16.3) | (56.1) | (27.6) | (83.3) | (91.2) | (12.7) | (65.1) | (67.4) | (27.1) | (78.6) |
| Number of people living in the house |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | 763 | 1,205 | 1,801 | 1,858 | 288 | 1,231 | 390 | 1,111 | 1,216 | 263 | 1,456 | 1,256 | 610 | 1,384 |
|  | (46.3) | (90.8) | (97.1) | (97.7) | (15.1) | (64.5) | (20.4) | (83.7) | (91.6) | $(13.8)$ | (76.2) | (65.8) | (31.9) | (72.5) |
| 2 | 2,775 | 4,003 | 6,640 | 6,849 | 1,124 | 4,313 | 1,579 | 3,622 | 4,050 | 1,066 | 5,333 | 4,899 | 2,593 | 5,283 |
|  | (46.5) | (90.9) | (96.8) | (98.1) | (16.0) | (61.5) | (22.5) | (82.3) | (92.0) | (15.2) | (75.9) | (69.7) | (36.9) | (75.2) |
| 3 | 3,362 | 5,201 | 8,081 | 8,290 | 1,500 | 5,269 | 1,699 | 4,771 | 5,297 | 1,225 | 6,158 | 5,897 | 3,142 | 6,585 |
|  | (46.4) | (90.3) | (97.3) | (98.5) | (17.7) | (62.2) | (20.1) | (82.9) | (92.0) | (14.5) | (72.7) | (69.6) | (37.1) | (77.7) |
| 4 | 3,381 | 5,562 | 8,031 | 8,231 | 1,646 | 5,060 | 1,697 | 5,104 | 5,546 | 1,197 | 5,731 | 5,824 | 3,022 | 6,677 |
|  | $(46.8)$ | (92.1) | (97.3) | (98.3) | (19.6) | (60.2) | (20.2) | (84.5) | (91.8) | (14.2) | (68.1) | (69.2) | (35.9) | (79.3) |
| $\geq 5$ | 1,595 | 2,487 | 3,900 | 3,968 | 810 | 2,517 | 769 | 2,320 | 2,507 | 574 | 2,838 | 2,965 | 1,720 | 3,147 |
|  | (45.2) | (91.7) | (97.2) | (97.7) | (19.8) | (61.5) | (18.8) | (85.6) | (92.4) | (14.0) | (69.2) | (72.3) | (42.0) | (76.8) |

(Table continues)

Supplementary Table 2 (continued)

|  | Mask use |  |  |  |  |  |  | Maintain physical distance at work | Ventilating in the workplace | Social distance |  |  |  | Not using public transport |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Always in family meetings/with friends | Always at work | Always during leisure | Always during displacements | Mask type |  |  |  |  | Avoid | Avoid social | Avoid | Avoid going |  |
|  |  |  |  |  | Hygienic | Surgical | FFP2 |  |  | family meetings | events with $>10$ people | going to bars, inside | to bars, outside |  |
|  | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) |
| Living with older than 60 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No | 8,429 | 13,843 | 20,236 | 20,800 | 3,955 | 13,070 | 4,227 | 12,623 | 13,873 | 3,006 | 14,969 | 14,683 | 7,543 | 16,509 |
|  | (46.1) | (91.6) | (97.2) | (98.3) | (18.6) | (61.5) | (19.9) | (83.5) | (91.8) | (14.1) | (70.4) | (69.0) | (35.5) | (77.6) |
| Yes | 3,445 | 4,613 | 8,215 | 8,394 | 1,413 | 5,318 | 1,907 | 4,303 | 4,742 | 1,319 | 6,545 | 6,156 | 3,542 | 6,567 |
|  | (47.0) | (90.0) | (97.1) | (98.1) | (16.4) | (61.6) | (22.1) | (84.0) | (92.5) | (15.3) | (75.7) | (71.2) | (41.0) | (75.9) |
| Employment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No | 4,129 | 1,734 | 9,368 | 9,629 | 1,849 | 6,398 | 1,645 | 1,544 | 1,721 | 1,503 | 7,587 | 7,452 | 4,463 | 7,452 |
|  | (49.2) | (92.7) | (97.2) | (98.1) | (18.7) | (64.7) | (16.6) | (82.6) | (92.0) | (15.2) | (76.6) | (75.3) | (45.1) | (75.3) |
| Yes | 7,747 | 16,724 | 19,085 | 19,567 | 3,519 | 11,992 | 4,489 | 15,384 | 16,895 | 2,822 | 13,929 | 13,389 | 6,624 | 15,624 |
|  | (45.0) | (91.0) | (97.1) | (98.2) | (17.6) | (60.0) | (22.5) | (83.7) | (92.0) | (14.1) | (69.6) | (66.9) | (33.1) | (78.0) |
| Health care worker ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No | 7,258 | 15,597 | 17,992 | 18,446 | 3,476 | 11,280 | 4,106 | 14,601 | 15,902 | 2,683 | 13,132 | 12,579 | 6,260 | 14,726 |
|  | (44.8) | (90.5) | (97.1) | (98.2) | (18.4) | (59.8) | (21.8) | (84.7) | (92.3) | (14.2) | (69.5) | (66.6) | (33.2) | (78.0) |
| Yes | 489 | 1,127 | 1,093 | 1,121 | 43 | 712 |  |  |  | 139 | 797 | 810 | 364 | 898 |
|  | (48.9) | (98.9) | (97.3) | (98.7) | (3.8) | (62.6) | (33.7) | (68.7) | (87.2) | (12.2) | (70.0) | (71.1) | (32.0) | (78.8) |
| Telework* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No | 7,002 | 16,724 | 17,504 | 17,954 | 3,181 | 11,014 | 4,153 | 15,384 | 16,895 | 2,617 | 12,807 | 12,250 | 6,049 | 14,354 |
|  | (44.4) | (91.0) | (97.1) | (98.3) | (17.3) | (60.0) | (22.6) | (83.7) | (92.0) | (14.2) | (69.7) | (66.7) | (32.9) | (78.1) |
| Yes | 745 | NA | 1,581 | 1,613 | 338 | 978 | 336 | NA | NA | 205 | 1,122 | 1,139 | 575 | 1,270 |
|  | (51.5) |  | (97.1) | (98.2) | (20.5) | (59.2) | (20.3) |  |  | (12.4) | (67.9) | (68.9) | (34.8) | (76.9) |
| Municipality size (habitants) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| >100,000 | 3,347 | 5,653 | 8,524 | 8,850 | 1,714 | 5,332 | 1,949 | 5,044 | 5,515 | 1,343 | 6,481 | 6,223 | 2,873 | 6,085 |
|  | (43.7) | (92.3) | (96.8) | (98.8) | (19.1) | (59.3) | (21.7) | (82.3) | (90.0) | (14.9) | (72.0) | (69.1) | (31.9) | (67.6) |
| 20,000-100,000 | 3,629 | 5,531 | 8,548 | 8,806 | 1,524 | 5,661 | 1,783 | 5,052 | 5,476 | 1,213 | 6,450 | 6,375 | 3,355 | 7,193 |
|  | (46.8) | (93.1) | (97.2) | (98.6) | (17.0) | (63.1) | (19.9) | (85.1) | (92.2) | (13.5) | (71.9) | (71.1) | (37.4) | (80.2) |
| 5,000-20,000 | 2,555 | 4,045 | 6,206 | 6,335 | 1,244 | 3,945 | 1,319 | 3,684 | 4,124 | 1,014 | 4,685 | 4,604 | 2,535 | 5,304 |
|  | (46.5) | (90.7) | (97.5) | (97.8) | (19.1) | (60.6) | (20.3) | (82.6) | (92.4) | (15.6) | (71.9) | (70.7) | (38.9) | (81.4) |
| <5,000 | 2,345 | 3,229 | 5,175 | 5,205 | 886 | 3,452 | 1,083 | 3,148 | 3,501 | 755 | 3,900 | 3,639 | 2,324 | 4,494 |
|  | (50.1) | (86.9) | (97.1) | (96.9) | (16.3) | (63.7) | (20.0) | (84.8) | (94.3) | (13.9) | (71.8) | (67.0) | (42.8) | (82.7) |

Supplementary Table 2 (continued)

|  | Mask use |  |  |  |  |  |  | Maintain physical distance at work | Ventilating in the workplace | Social distance |  |  |  | Not using public transport |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Always in family meetings/with friends | Always at work | Always during leisure | Always during displacements | Mask type |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | Hygienic | Surgical | FFP2 |  |  | family meetings | events <br> with <br> >10 <br> people | going to bars, inside | going to bars, outside |  |
|  | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) |
| Census section average income (euros) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| > 17,000 | 577 | 1,008 | 1,531 | 1,580 |  |  |  |  |  |  | 1,076 | 1,046 |  | 1,187 |
|  | (41.5) | (89.8) | (96.0) | (98.3) | (19.4) | (55.3) | (25.3) | (86.2) | (88.5) | (13.8) | (66.7) | (64.8) | (24.5) | (73.6) |
| 12,500-17,000 | 2,370 | 4,200 | 6,144 | 6,265 | 1,238 | 3,777 | 1,411 | 3,773 | 4,145 | 979 | 4,543 | 4,362 | 1,943 | 4,917 |
|  | (43.5) | (91.6) | (97.3) | (98.0) | (19.3) | (58.8) | (22.0) | (82.3) | (90.4) | (15.2) | (70.6) | (67.8) | (30.2) | (76.4) |
| 9,000-12,500 | 5,721 | 9,134 | 13,737 | 14,121 | 2,645 | 8,901 | 2,914 | 8,269 | 9,216 | 2,196 | 10,520 | 10,073 | 5,470 | 11,376 |
|  | (46.6) | (91.3) | (97.0) | (98.1) | (18.3) | (61.6) | (20.1) | (82.7) | (92.2) | (15.2) | (72.7) | (69.6) | (37.8) | (78.6) |
| 7,700-9,000 | 1,923 | 2,696 | 4,425 | 4,537 |  | 3,016 |  | 2,542 | $2,776$ |  | 3,398 | 3,305 | 1,998 | 3,566 |
|  | (47.6) | (90.9) | (97.3) | (98.3) | (15.9) | (64.7) | (19.4) | (85.7) | (93.6) | (13.4) | (72.8) | (70.8) | (42.8) | (76.4) |
| 7,100-7,700 | 618 | 799 | 1,340 | 1,376 | 213 | 887 | 304 | 758 | 828 | 174 | 1,004 | 1,052 | 607 | 1,084 |
|  | (50.2) | (90.5) | (97.6) | (98.9) | (15.2) | (63.2) | (21.6) | (85.8) | (93.8) | (12.4) | (71.5) | (74.9) | (43.2) | (77.2) |
| < 7,100 | 667 | 621 | 1,276 | 1,317 | 218 | 919 | 194 | 618 | 657 | 127 | 975 | 1,003 | 673 | 946 |
|  | (55.3) | (90.5) | (97.6) | (99.0) | (16.4) | (69.1) | (14.6) | (90.1) | (95.8) | (9.5) | (73.2) | (75.3) | (50.5) | (71.0) |
| Regional seroprevalence |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <6.5\% | 2,870 | 5,117 | 7,868 | 8,144 | 1,515 | 5,222 | 1,642 | 4,643 | 5,137 | 1,270 | 6,091 | 5,662 | 3,020 | 6,547 |
|  | (40.3) | (91.2) | (96.8) | (97.7) | (18.1) | (62.3) | (19.6) | (82.8) | (91.6) | (15.1) | (72.6) | (67.5) | (36.0) | (78.1) |
| 6.5-9\% |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | (48.4) | (91.9) | (96.8) | (98.9) | (15.9) | (62.8) | (21.3) | (83.5) | (93.2) | (13.6) | (70.1) | (73.4) | (37.3) | (75.6) |
| 9-12\% | 1,907 | 3,167 | 4,859 | 4,978 | 1,199 | 2,880 | 1,015 | 2,965 | 3,189 | 804 | 3,825 | 3,722 | 2,090 | 3,837 |
|  | (44.4) | (91.2) | (97.4) | (98.5) | (23.5) | (56.5) | (19.9) | (85.4) | (91.8) | (15.8) | (75.0) | (73.0) | (41.0) | (75.3) |
| >=12\% | 3,705 | 5,219 | 8,001 | 8,101 | 1,365 | 5,200 | 1,749 | 4,817 | 5,264 | 1,150 | 5,914 | 5,499 | 2,949 | 6,559 |
|  | (51.6) | (90.5) | (97.5) | (97.9) | (16.4) | (62.5) | (21.0) | (83.5) | (91.3) | (13.8) | (71.0) | (66.0) | (35.4) | (78.8) |
| History of COVID-19* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No infection | 10,106 | 15,738 | 24,385 | 25,044 | 4,661 | 15,624 | 5,352 | 14,487 | 15,882 | 3,727 | 18,487 | 17,965 | 9,526 | 19,829 |
|  | (46.1) | (91.1) | (97.1) | (98.2) | (18.2) | (60.9) | (20.9) | (83.9) | (91.9) | (14.5) | (72.0) | (70.0) | (37.1) | (77.3) |
| Not-severe infection | 1,484 | 2,330 | 3,463 | 3,538 | 617 | 2,359 | 646 | 2,093 | 2,348 | 513 | 2,588 | 2,441 | 1,318 | 2,770 |
|  | (47.7) | (91.4) | (97.4) | (98.2) | (17.0) | (65.1) | (17.8) | (82.1) | (92.1) | (14.1) | (71.3) | (67.3) | (36.3) | (76.4) |
| Pneumonia/hospitalization | 286 | 390 | 605 | 614 |  | 407 | 136 | 348 | 386 | 85 | 441 | 435 | 243 | 477 |
|  | (52.1) | (93.3) | (98.4) | (97.9) | (14.2) | (64.3) | (21.5) | (83.3) | (92.3) | (13.4) | (69.6) | (68.6) | (38.3) | (75.2) |

(Table continues)

Supplementary Table 2 (continued)

|  | Mask use |  |  |  |  |  |  | Maintain physical distance at work | Ventilating in the workplace | Social distance |  |  |  | Not using public transport |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Always in family meetings/with friends | Always at work | Always during leisure | Always during displacements |  | Mask type |  |  |  |  | Avoid social | Avoid going |  |  |
|  |  |  |  |  | Hygienic | Surgical | FFP2 |  |  | family meetings | events with >10 people | to bars, inside | bars, outside |  |
|  | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) | n (\%) |
| Self-reported positive PCR/antigen test |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No | $\begin{array}{r} 11,248 \\ (46.1) \end{array}$ | $\begin{array}{r} 17,559 \\ (91.1) \end{array}$ | $\begin{array}{r} 27,137 \\ (97.1) \end{array}$ | $\begin{array}{r} 27,858 \\ (98.2) \end{array}$ | $\begin{aligned} & 5,149 \\ & (18.0) \end{aligned}$ | $\begin{array}{r} 17,530 \\ (61.5) \end{array}$ | $\begin{aligned} & 5,840 \\ & (20.5) \end{aligned}$ | $\begin{array}{r} 16,139 \\ (83.7) \end{array}$ | $\begin{array}{r} 17,739 \\ (92.1) \end{array}$ | $\begin{aligned} & 4,158 \\ & (14.6) \end{aligned}$ | $\begin{array}{r} 20,561 \\ (72.0) \end{array}$ | $\begin{array}{r} 19,869 \\ (69.6) \end{array}$ | $\begin{array}{r} 10,571 \\ (37.0) \end{array}$ | $\begin{array}{r} 22,033 \\ (77.2) \end{array}$ |
| Yes | $\begin{array}{r} 628 \\ (52.0) \end{array}$ | $\begin{array}{r} 899 \\ (92.7) \end{array}$ | $\begin{aligned} & 1,315 \\ & (98.0) \end{aligned}$ | $\begin{aligned} & 1,337 \\ & (97.6) \end{aligned}$ | $\begin{array}{r} 219 \\ (16.0) \end{array}$ | $\begin{array}{r} 859 \\ (62.6) \end{array}$ | $\begin{array}{r} 294 \\ (21.4) \end{array}$ | $\begin{array}{r} 789 \\ (81.3) \end{array}$ | $\begin{array}{r} 877 \\ (90.4) \end{array}$ | $\begin{array}{r} 167 \\ (12.1) \end{array}$ | $\begin{array}{r} 954 \\ (69.4) \end{array}$ | $\begin{array}{r} 972 \\ (70.7) \end{array}$ | $\begin{array}{r} 516 \\ (37.5) \end{array}$ | $\begin{aligned} & 1,043 \\ & (75.9) \end{aligned}$ |
| Positive IgG in the Round 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No | $\begin{array}{r} 10,989 \\ (46.3) \end{array}$ | $\begin{array}{r} 17,059 \\ (91.2) \end{array}$ | $\begin{array}{r} 26,379 \\ (97.1) \end{array}$ | $\begin{array}{r} 27,073 \\ (98.2) \end{array}$ | $\begin{aligned} & 5,011 \\ & (18.1) \end{aligned}$ | $\begin{array}{r} 16,966 \\ (61.2) \end{array}$ | $\begin{aligned} & 5,746 \\ & (20.7) \end{aligned}$ | $\begin{array}{r} 15,676 \\ (83.8) \end{array}$ | $\begin{array}{r} 17,201 \\ (91.9) \end{array}$ | $\begin{aligned} & 4,000 \\ & (14.4) \end{aligned}$ | $\begin{array}{r} 19,954 \\ (71.9) \end{array}$ | $\begin{array}{r} 19,404 \\ (69.9) \end{array}$ | $\begin{array}{r} 10,300 \\ (37.1) \end{array}$ | $\begin{array}{r} 21,428 \\ (77.2) \end{array}$ |
| Yes | $\begin{array}{r} 886 \\ (48.0) \end{array}$ | $\begin{aligned} & 1,398 \\ & (91.1) \end{aligned}$ | $\begin{aligned} & 2,073 \\ & (97.6) \end{aligned}$ | $\begin{aligned} & 2,122 \\ & (98.4) \end{aligned}$ | $\begin{array}{r} 357 \\ (16.5) \end{array}$ | $\begin{aligned} & 1,423 \\ & (65.6) \end{aligned}$ | $\begin{array}{r} 388 \\ (17.9) \end{array}$ | $\begin{aligned} & 1,252 \\ & (81.6) \end{aligned}$ | $\begin{aligned} & 1,414 \\ & (92.2) \end{aligned}$ | $\begin{array}{r} 325 \\ (15.0) \end{array}$ | $\begin{aligned} & 1,561 \\ & (71.9) \end{aligned}$ | $\begin{aligned} & 1,436 \\ & (66.1) \end{aligned}$ | $\begin{array}{r} 786 \\ (36.2) \end{array}$ | $\begin{aligned} & 1,647 \\ & (75.8) \end{aligned}$ |
| Positive person in the house |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No | $\begin{array}{r} 10,202 \\ (46.2) \end{array}$ | $\begin{array}{r} 15,843 \\ (91.2) \end{array}$ | $\begin{array}{r} 24,508 \\ (97.1) \end{array}$ | $\begin{array}{r} 25,166 \\ (98.2) \end{array}$ | $\begin{aligned} & 4,615 \\ & (17.9) \end{aligned}$ | $\begin{array}{r} 15,767 \\ (61.2) \end{array}$ | $\begin{aligned} & 5,389 \\ & (20.9) \end{aligned}$ | $\begin{array}{r} 14,553 \\ (83.8) \end{array}$ | $\begin{array}{r} 15,970 \\ (91.9) \end{array}$ | $\begin{aligned} & 3,738 \\ & (14.5) \end{aligned}$ | $\begin{array}{r} 18,569 \\ (72.0) \end{array}$ | $\begin{array}{r} 18,068 \\ (70.0) \end{array}$ | $\begin{aligned} & 9,611 \\ & (37.3) \end{aligned}$ | $\begin{array}{r} 19,919 \\ (77.2) \end{array}$ |
| Yes | $\begin{aligned} & 1,674 \\ & (47.3) \end{aligned}$ | $\begin{aligned} & 2,615 \\ & (91.2) \end{aligned}$ | $\begin{aligned} & 3,945 \\ & (97.7) \end{aligned}$ | $\begin{aligned} & 4,030 \\ & (98.3) \end{aligned}$ | $\begin{array}{r} 753 \\ (18.3) \end{array}$ | $\begin{aligned} & 2,623 \\ & (63.7) \end{aligned}$ | $\begin{array}{r} 745 \\ (18.1) \end{array}$ | $\begin{aligned} & 2,375 \\ & (82.8) \end{aligned}$ | $\begin{aligned} & 2,646 \\ & (92.2) \end{aligned}$ | $\begin{array}{r} 587 \\ (14.2) \end{array}$ | $\begin{aligned} & 2,947 \\ & (71.4) \end{aligned}$ | $\begin{aligned} & 2,773 \\ & (67.2) \end{aligned}$ | $\begin{aligned} & 1,476 \\ & (35.8) \end{aligned}$ | $\begin{aligned} & 3,157 \\ & (76.5) \end{aligned}$ |
| Contact with confirmed case last month |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No | $\begin{array}{r} 11,061 \\ (46.6) \end{array}$ | $\begin{array}{r} 16,711 \\ (90.8) \end{array}$ | $\begin{array}{r} 26,353 \\ (97.2) \end{array}$ | $\begin{array}{r} 27,046 \\ (98.2) \end{array}$ | $\begin{aligned} & 5,007 \\ & (18.1) \end{aligned}$ | $\begin{array}{r} 17,128 \\ (61.8) \end{array}$ | $\begin{aligned} & 5,557 \\ & (20.1) \end{aligned}$ | $\begin{array}{r} 15,528 \\ (84.4) \end{array}$ | $\begin{array}{r} 16,981 \\ (92.3) \end{array}$ | $\begin{aligned} & 4,006 \\ & (14.4) \end{aligned}$ | $\begin{array}{r} 20,046 \\ (72.3) \end{array}$ | $\begin{array}{r} 19,362 \\ (69.8) \end{array}$ | $\begin{array}{r} 10,438 \\ (37.7) \end{array}$ | $\begin{array}{r} 21,344 \\ (77.0) \end{array}$ |
| Yes | $\begin{array}{r} 815 \\ (43.3) \\ \hline \end{array}$ | $\begin{array}{r} 1,747 \\ (94.9) \\ \hline \end{array}$ | $\begin{array}{r} 2,100 \\ (96.9) \\ \hline \end{array}$ | $\begin{array}{r} 2,150 \\ (98.0) \\ \hline \end{array}$ | $\begin{array}{r} 361 \\ (16.4) \\ \hline \end{array}$ | $\begin{aligned} & 1,262 \\ & (57.4) \\ & \hline \end{aligned}$ | $\begin{array}{r} 577 \\ (26.2) \\ \hline \end{array}$ | $\begin{aligned} & 1,400 \\ & (76.1) \end{aligned}$ | $\begin{array}{r} 1,635 \\ (88.9) \\ \hline \end{array}$ | $\begin{array}{r} 319 \\ (14.5) \\ \hline \end{array}$ | $\begin{array}{r} 1,470 \\ (66.7) \\ \hline \end{array}$ | $\begin{array}{r} 1,479 \\ (67.1) \\ \hline \end{array}$ | $\begin{array}{r} 649 \\ (29.5) \\ \hline \end{array}$ | $\begin{aligned} & 1,732 \\ & (78.6) \\ & \hline \end{aligned}$ |

## Supplementary Methods

Wording of questions about compliance with preventive measures included in the questionnaires of the COSMO-SPAIN and ENE-COVID surveys

## COSMO-SPAIN

During the last seven days, how frequently did you take the following measures to avoid being infected by the coronavirus/COVID-19? (1- Never, ..... 5- Always):

- Use mask following the recommendations (corresponding variable in Table 3: Always wearing face mask in general)
- Ventilate closed spaces (corresponding variable in Table 3: Ventilating closed spaces in general)
- Use mask when staying with friends (corresponding variable in Table 3: Always wearing face mask in family meetings/with friends)
- Not going to crowded places (corresponding variable in Table 3: Avoid crowded places)
- Avoid public transport (corresponding variable in Table 3: Avoid the use of public transport)
- Maintain physical distance (at least two meters) (corresponding variable in Table 3: Maintaining physical distance in general)
- Avoid social/family meetings (corresponding variable in Table 3: Avoid family meetings)

What kind of mask do you usually use? Surgical mask; FFP2 mask; Hygienic mask; Other; Do not know (corresponding variable in Table 3: Type of mask. Options "Other" and "Do not know" were considered as missing).

## ENE-COVID

Since the first of July 2020:

- Have you usually use (at least once a week) public transport for your personal or working displacements? Yes; No. (corresponding variable in Table 3: Not using public transport)
- Do you wear a mask during your displacements, on foot or in public transport? Yes; No; Sometimes; I didn't go out of home. (corresponding variable in Table 3: Always wearing face mask during displacements)
- Do you wear a mask during meetings with family or friends (in your home or in theirs)? Yes; No; Sometimes; I didn't gather. (corresponding variables in Table 3: Always wearing face mask in family meetings/with friends, and Avoid family meetings).
- Do you wear a mask in other situations (shopping, leisure time, ...) when you are with people that do not live with you? Yes; No; Sometimes; I didn't meet other people. (corresponding variable in Table 3: Always wearing face mask during leisure time)
- In general, what kind of mask do you use? Cloth mask; Surgical mask; FFP2 mask. (corresponding variable in Table 3: Type of mask).
- Have you gone out for a drink or for lunch on a terrace or outdoor bar? No or sporadically (< once a month); From time to time (1-3 times/month); Some days (1-3 times/week); Almost every day (47 times/week). (corresponding variable in Table 3: Avoid going outside bars)
- Have you gone out for a drink or for lunch on indoor bars or restaurants? No or sporadically (< once a month); From time to time ( $1-3$ times/month); Some days (1-3 times/week); Almost every day (4-7 times/week). (corresponding variable in Table 3: Avoid going inside bars)
- How many times did you go to outdoor meetings, celebrations or activities with friends or relatives with more than 10 people? Never; 1-5 times; 6-10 times; More than 10 times. (related variable* in Table 3: Avoid social events with $>10$ people)
- How many times did you go to indoor meetings, celebrations or activities with friends or relatives (including at home), with more than 10 people? Never; 1-5 times; 6-10 times; More than 10 times. (related variable* in Table 3: Avoid social events with >10 people)

For participants with on-site working/school activity:
Do you usually wear a mask in your workplace/school? Yes; No; Sometimes. (corresponding variable in Table 3: Always wearing face mask in the working place)

## In general, in your workplace/school, are the following precautions followed?

- Maintain a distance of at least 1.5 meters between people or there are physical barriers to separate them: Yes; No. (corresponding variable in Table 3: Maintaining physical distance at work)
- Ventilate the spaces frequently: Yes; No. (corresponding variable in Table 3: Ventilating working place)
* The variable "Avoid social events with >10 people" was derived from the two questions related to frequency of attending meetings, celebrations or activities with friends and family. If neither outdoor nor indoor activities were done, it was considered that social events had been avoided; otherwise, this variable was coded as "No".

