Table S1: Control measures implemented during the week of the CoMix data sampling (starting date of the data collection is indicated) and COVID-19 weekly incidence in Norway, April-September 2020.

|  |  |  |
| --- | --- | --- |
|  | **Data collection period** | **Dates during the study period that the measures were applied** |
| **Control measures** | **Wave 1,** **24 April** | **Wave 2,** **19 May** | **Wave 3,****9 June** | **Wave 4,** **21 July** | **Wave 5,** **25 Aug.** | **Wave 6,** **23 Sept.** |
| Ban all events | Yes | No | No | No | No | No  | 12/3/2020-6/5/2020 |
| Closure of kindergartens/daycare | No | No | No | Summer break | No | No  | 12/3/2020-20/4/2020 |
| Closure of primary schools- | Yes until 26 April | No | No  | Summer break | No  | No | 12/3/2020-26/4/2020 |
| Closure of higher education/universities | Yes | Yes  | Yes until 14th June | Summer break | No | No | 12/3/2020-14/6/2020 |
| Closure of secondary schools | Yes | No  | No | Summer break | No  | No  | 12/3/2020-11/5/2020 |
| Closure of cafes-restaurants | Yes | Yes | No but with restrictions\* | No but with restrictions\* | No but with restrictions\* | No but with restrictions\* | 12/3/2020-31/5/2020,Open but with restrictions\* after 1/6/2020 |
| Closure of pubs/bars | Yes  | Yes | No but restrictions applied\* | No but with restrictions\* | No but with restrictions\* | No but with restrictions\* | 12/3/2020-31/5/2020, Open but with restrictions\* after 1/6/2020  |
| Closure of gyms, sports centres | Yes | No | No | No | No | No  | 12/3/2020-14/5/2020 |
| Any gatherings above 50, indoors or outdoors not allowed  | Yes | No | No | No | No | No | 7/5/2020-14/6/2020 |
| Teleworking strongly suggested | Yes | Yes  | Yes | No | No | No  | 10/3/2020-17/6/2021 |
| Private gathering restrictions | Yes(Advice to not meet in groups >5) | Yes(Advice to not meet in groups >20) | Yes(Advice to not meet in groups >20) | Yes(Advice to not meet in groups >20) | Yes(Advice to not meet in groups >20) | Yes (Advice to not meet in groups >20) | From 12/3 advised not to meet in groups of more than 5. Also advised to meet outdoors. From 7/5 advice to avoid gathering >20 people in private homes.  |
| **Weekly Reported cases among all Norwegian population (sampling week)** | 359 (week 17) | 101 (week 21) | 80 (week 24) | 94 (week 30) | 374 (week 35) | 776 (week 39) |  |

Table S2: Meanscore descriptives after replacement of missing with means by wave

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  Meanscore | Wave | Mean | SD | N | # of missing  | N total |
| “If I don’t follow government’s advice, I might spread the virus to others” (single item) | 1 | 4.42 | 1.04 | 1 366 | 34 | 1 400 |
| 2 | 4.33 | 1.05 | 1 165 | 17 | 1 182 |
| 3 | 4.32 | 1.06 | 1 001 | 11 | 1 012 |
| 4 | 4.46 | 0.94 |  914 | 17 |  931 |
| 5 | 4.45 | 0.96 |  749 | 19 |  768 |
| 6 | 4.43 | 0.92 |  635 | 10 |  645 |
| Response effectiveness – Individual action | 1 | 3.52 | 0.49 | 1 375 | 15 | 1 400 |
| 2 | 3.46 | 0.48 | 1 173 |  9 | 1 182 |
| 3 | 3.46 | 0.51 | 1 005 |  7 | 1 012 |
| 4 | 3.48 | 0.47 |  925 |  6 |  931 |
| 5 | 3.47 | 0.48 |  759 |  9 |  768 |
| 6 | 3.49 | 0.50 |  637 |  8 |  645 |
| Response effectiveness – Individual action if someone in household has symptoms | 1 | 3.37 | 0.62 | 1 363 | 37 | 1 400 |
| 2 | 3.28 | 0.66 | 1 144 | 38 | 1 182 |
| 3 | 3.27 | 0.71 |  986 | 26 | 1 012 |
| 4 | 3.29 | 0.67 |  902 | 29 |  931 |
| 5 | 3.22 | 0.70 |  743 | 25 |  768 |
| 6 | 3.24 | 0.70 |  619 | 26 |  645 |
| Response effectiveness – Restrictive measures | 1 | 3.32 | 0.53 | 1 378 | 22 | 1 400 |
| 2 | 3.18 | 0.55 | 1 162 | 20 | 1 182 |
| 3 | 3.19 | 0.56 |  994 | 18 | 1 012 |
| 4 | 3.25 | 0.53 |  911 | 20 |  931 |
| 5 | 3.16 | 0.53 |  756 | 12 |  768 |
| 6 | 3.16 | 0.53 |  628 | 17 |  645 |
| Self-efficacy – Avoiding people | 1 | 3.51 | 0.57 | 1 387 | 13 | 1 400 |
| 2 | 3.46 | 0.59 | 1 175 |  7 | 1 182 |
| 3 | 3.47 | 0.58 | 1 003 |  9 | 1 012 |
| 4 | 3.46 | 0.58 |  926 |  5 |  931 |
| 5 | 3.45 | 0.62 |  760 |  8 |  768 |
| 6 | 3.45 | 0.60 |  636 |  9 |  645 |

Table S2 (continued): Meanscore descriptives after replacement of missing with means by wave

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Meanscore | Wave | Mean | SD | N | # of missing  | N total |
| Self-efficacy – Stay home | 1 | 3.42 | 0.61 | 1 387 | 13 | 1 400 |
| 2 | 3.37 | 0.64 | 1 172 | 10 | 1 182 |
| 3 | 3.39 | 0.66 | 1 005 |  7 | 1 012 |
| 4 | 3.35 | 0.65 |  922 |  9 |  931 |
| 5 | 3.35 | 0.63 |  758 | 10 |  768 |
| 6 | 3.34 | 0.64 |  638 |  7 |  645 |
| Facilitating factors ¤ | 1 | 3.91 | 1.16 | 1 387 | 13 | 1 400 |
| 2 | 3.88 | 1.14 | 1 172 | 10 | 1 182 |
| 3 | 3.90 | 1.10 | 1 008 |  4 | 1 012 |
| 4 | 3.88 | 1.18 |  925 |  6 |  931 |
| 5 | 3.92 | 1.12 |  758 | 10 |  768 |
| 6 | 3.93 | 1.11 |  634 | 11 |  645 |
| Barriers  | 1 | 2.25 | 1.16 | 1 375 | 25 | 1 400 |
| 2 | 2.26 | 1.14 | 1 167 | 15 | 1 182 |
| 3 | 2.32 | 1.15 |  998 | 14 | 1 012 |
| 4 | 2.29 | 1.15 |  920 | 11 |  931 |
| 5 | 2.37 | 1.17 |  751 | 17 |  768 |
| 6 | 2.37 | 1.18 |  635 | 10 |  645 |

¤ Two out of three items: If I could not work because of coronavirus, I would still get paid; I have enough food and supplies to last for 7 days, if I had to isolate myself

Table S3: Visited or intended to visit supermarket or other store for food by cognitive predictors and facilitating factors and barriers. Multiple binary logistic regression model, one for each Wave. Standardized predictors.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Omnibus test of model coefficients:  |  | Wave 1 (n=1400)𝞦2=36.179; d.f.=8: p<.001) | Wave2 (n=1182)𝞦2=25.515; d.f.=8: p<.001) | Wave3 (n=1012)𝞦2=36.111; d.f.=8: p<.001) | Wave4(n=931) 𝞦2=25.417; d.f.=8: p<.001) | Wave5(n=768) 𝞦2=18.254; d.f.=8: p<.05) | Wave6(n=645)𝞦2=38.014; d.f.=8: p<.001) |
| Risk of spreading the coronavirus to others |  | 1.294\*\*\* |  1.315\*\*\* | 1.447\*\*\* | 1.350\*\* | 1.357\*\* | 1.630\*\*\* |
| Response effectiveness  | Taking individual action  | 1.333\* |  1.127 | 1.297+ | 1.374+ | 1.281 |  0.943 |
| Taking individual action if someone in household has symptoms (ZIndAct2X) |  0.774\* |  0.805 |  .875 |  0.875 |  0.711+ |  0.740 |
| Restrictive measures  | 0.886 |  0.796+ |  .830 |  0.678\* |  0.701\* |  0.660\* |
| Self-efficacy | Avoiding people  | 0.941 |  1.095 | 1.046 |  1.081 |  1.003 |  0.944 |
| Staying home  | 0.835 |  0.960 |  .795 |  .908 |  1.146 |  1.051 |
| Facilitating factors and barriers | Facilitating factors  | 0.864+ |  1.082 | 1.024 |  1.204+ |  1.039 |  0.952 |
| Barriers  | 0.873+ |  0.841+ | 0.790\* |  .795\* |  .901 |  0.846 |