Supplemental Online Content

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eTable 1. Descriptive statistics of outcomes, by number of conditions

eTable 2. Descriptive statistics of outcomes, by age group

eTable 3. Comparison of sample characteristics based on Understanding America Study (UAS) and National Health Interview Survey (NHIS)

eTable 4. OLS and unconditional median regressions of perceived percent chance of infection in next 3 months

eTable 5. OLS and unconditional median regressions of perceived percent chance of hospitalization if infected

eTable 6. OLS and unconditional median regressions of perceived percent chance of death if infected

eTable 7. Models of activities undertaken in the past 7 days

eTable 8. Logistic models of mask wearing in the past 7 days

eTable 9. Logistic models of whether agree or strongly agree about various aspects of wearing a mask

eTable 10. Adjusted proportion wearing a mask in the past 7 days, by CDC risk factor [95% CI], with controls for opinions about masks

This supplemental material has been provided by the authors to give readers additional information about their work.
| Activity                      | All adults | 0 conditions | 1 condition | 2 conditions | >=3 conditions | 0 vs >=3 |
|-------------------------------|------------|--------------|-------------|--------------|---------------|----------|
| Chance get infected           | 5900       | 24.3 (22.8)  | 2648        | 23.3 (22.4)  | 1643          | 23.4 (22.3) | 896      |
|                              |            | 25.0 (22.5)  | 713         | 30.2 (24.0)  | p-value       | <0.001    |
| Chance hospitalized           | 5899       | 22.8 (26.1)  | 2646        | 16.3 (20.5)  | 1643          | 22.7 (25.7) | 896      |
|                              |            | 27.6 (28.1)  | 714         | 44.7 (33.2)  | p-value       | <0.001    |
| Chance die                    | 5900       | 17.8 (24.7)  | 2647        | 12.4 (19.7)  | 1643          | 18.0 (24.3) | 896      |
|                              |            | 20.7 (26.0)  | 714         | 37.2 (33.5)  | p-value       | <0.001    |
| Activities last 7 days        |            |              |             |              |               |          |
| Bar/club                      | 5862       | 9.6% 2631    | 10.0% 1631  | 10.8% 888    | 7.0% 712      | 8.0% 0.23 |
| Grocery/pharmacy              | 5859       | 81.8% 2625   | 80.4% 1630  | 84.9% 891    | 83.8% 713     | 79.7% 0.76 |
| Visit friend                  | 5858       | 39.8% 2628   | 41.2% 1628  | 41.4% 892    | 37.6% 710     | 32.2% 0.001 |
| Had visitors                  | 5869       | 42.4% 2631   | 42.0% 1633  | 42.7% 893    | 42.7% 712     | 42.9% 0.75 |
| Gathering of 10+              | 5859       | 15.0% 2627   | 15.5% 1630  | 15.3% 890    | 14.1% 712     | 13.5% 0.34 |
| Left home, nonessential       | 5841       | 56.9% 2617   | 63.0% 1622  | 56.5% 891    | 50.9% 711     | 40.2% 0.001 |
| Share towel/utensils          | 4632       | 29.2% 2113   | 30.8% 1300  | 29.3% 688    | 27.6% 531     | 23.9% 0.02 |
| <6ft of coresident            | 4652       | 88.9% 2124   | 86.8% 1308  | 91.4% 690    | 91.3% 530     | 88.1% 0.55 |
| <6ft from noncoresident       | 5841       | 63.8% 2616   | 64.2% 1629  | 66.2% 889    | 62.5% 707     | 57.7% 0.02 |
| Number of activities          | 5744       | 3.10 (1.76)  | 3.17 (1.76) | 3.18 (1.80)  | 2.98 (1.72)   | 2.74 (1.71) |
| Always wore mask when...      |            |              |             |              |               | <0.001    |
| Bar/club                      | 522        | 25.9% 259    | 20.0% 144   | 31.2% 64     | 42.6% 55      | 21.2% 0.86 |
| Grocery/pharmacy              | 4857       | 82.9% 2165   | 80.7% 1384  | 82.8% 749    | 86.4% 559     | 87.4% 0.002 |
| Visit friend                  | 2287       | 9.1% 1106    | 7.3% 638    | 9.6% 331     | 13.1% 212     | 11.8% 0.13 |
| Had visitors                  | 2414       | 7.5% 1093    | 5.9% 670    | 6.8% 363     | 12.2% 288     | 9.7% 0.14  |
| Gathering of 10+              | 801        | 28.5% 390    | 19.8% 229   | 31.7% 102    | 43.1% 80      | 42.3% 0.004 |
| <6ft of someone              | 3704       | 28.2% 1711   | 26.7% 1044  | 27.5% 545    | 35.0% 404     | 27.8% 0.74 |
| Action taken to keep safe in past 7 days |            |              |             |              |               |          |
| Wore mask                     | 5901       | 90.1% 2649   | 87.3% 1643  | 92.2% 895    | 92.7% 714     | 93.9% 0.001 |
| Agree or strongly agree about masks |            |              |             |              |               |          |
| Make me safe                  | 5887       | 67.1% 2649   | 63.1% 1643  | 69.3% 892    | 69.4% 713     | 75.6% 0.001 |
| Make others safe              | 5903       | 72.7% 2651   | 68.7% 1642  | 72.5% 896    | 76.2% 714     | 79.4% 0.001 |
| Dangerous to wear             | 5902       | 9.7% 2651    | 11.5% 1645  | 7.5% 895     | 9.2% 714      | 8.1% 0.04  |
| Political statement           | 5902       | 11.7% 2650   | 14.0% 1642  | 10.1% 896    | 10.2% 714     | 7.8% 0.001 |
| Not need if not infected      | 5900       | 7.1% 2650    | 9.6% 1642   | 5.3% 895     | 5.6% 713      | 2.5% 0.001 |
| Not need if other healthy     | 5905       | 12.2% 2652   | 15.5% 1644  | 8.9% 895     | 10.0% 714     | 9.6% 0.001 |
| Makes other threatened        | 5904       | 4.8% 2650    | 5.2% 1644   | 5.0% 896     | 4.8% 714      | 2.4% 0.003 |
| Not need if keep distance     | 5903       | 10.5% 2650   | 12.7% 1643  | 9.7% 896     | 8.1% 714      | 6.2% 0.001 |
| Can't make me wear            | 5901       | 19.3% 2648   | 21.4% 1644  | 17.5% 895    | 18.6% 714     | 15.6% 0.005 |
| Can't afford                  | 5902       | 1.7% 2649    | 1.9% 1643   | 1.8% 896     | 1.5% 714      | 1.2% 0.37  |
| C-19 not serious              | 5903       | 5.7% 2651    | 8.4% 1644   | 3.5% 895     | 3.5% 713      | 2.2% 0.001 |
| Uncomfortable                 | 5903       | 19.0% 2649   | 21.3% 1644  | 18.1% 896    | 15.4% 714     | 16.2% 0.02 |

* Among those who live with someone else.  † Excludes shared towel / utensils and <6 ft from coresident because some people live alone.
### eTable 2. Descriptive statistics of outcomes, by age group

| Outcome                        | 18-59 | 60-69 | >=70  | 18-59 vs >=70 |
|--------------------------------|-------|-------|-------|---------------|
| **Means and standard deviations** |       |       |       |               |
| Chance get infected            | 4074  | 24.8 (22.5) | 1233  | 23.9 (22.9) | 865  | 22.7 (23.0) | 0.06 |
| Chance hospitalized            | 4072  | 19.1 (22.4) | 1234  | 28.1 (30.1) | 865  | 35.4 (35.3) | <0.001 |
| Chance die                     | 4071  | 14.6 (20.9) | 1233  | 22.8 (29.3) | 865  | 28.5 (34.1) | <0.001 |
| Activities last 7 days         |       |       |       |               |
| Bar/club                       | 4040  | 10.3% | 1233  | 9.4%         | 864  | 6.1%         | 0.001 |
| Grocery/pharmacy               | 4044  | 80.4% | 1234  | 87.2%        | 866  | 81.8%        | 0.48 |
| Visit friend                   | 4039  | 41.5% | 1230  | 38.3%        | 865  | 32.2%        | <0.001 |
| Had visitors                   | 4042  | 42.7% | 1233  | 41.5%        | 863  | 41.6%        | 0.64 |
| Gathering of 10+               | 4035  | 15.4% | 1232  | 14.0%        | 865  | 14.6%        | 0.66 |
| Left home, nonessential        | 4023  | 62.6% | 1229  | 48.2%        | 860  | 39.0%        | <0.001 |
| Share towel/utensil\(^a\)      | 3381  | 30.2% | 907   | 24.4%        | 617  | 29.8%        | 0.87 |
| <6ft of coresident\(^a\)       | 3397  | 87.5% | 913   | 91.5%        | 620  | 93.4%        | <0.001 |
| <6ft from noncoresident        | 4022  | 66.1% | 1224  | 59.5%        | 858  | 57.3%        | <0.001 |
| Number of activities\(^b\)     | 3952  | 3.20 (1.74) | 1215 | 2.98 (1.80) | 846  | 2.73 (1.77) | <0.001 |
| **Always wore mask when...**   |       |       |       |               |
| Wore mask                      | 398   | 21.5% | 102   | 38.1%        | 48   | 39.0%        | 0.05 |
| Make me safe                   | 3363  | 80.4% | 1038  | 87.6%        | 710  | 88.8%        | <0.001 |
| Make others safe               | 1939  | 8.7%  | 525   | 10.2%        | 310  | 10.2%        | 0.58 |
| Dangerous to wear              | 1818  | 7.2%  | 561   | 7.7%         | 407  | 8.5%         | 0.55 |
| Political statement            | 730   | 21.7% | 180   | 44.6%        | 112  | 45.6%        | <0.001 |
| Not need if not infected       | 2681  | 28.0% | 742   | 28.8%        | 457  | 28.5%        | 0.86 |
| Not need if keep distance      | 4075  | 88.2% | 1233  | 94.3%        | 866  | 94.8%        | <0.001 |

\(^a\) Among those who live with someone else. \(^b\) Excludes shared towel / utensils and <6ft from coresident because some people live alone.
**eTable 3. Comparison of sample characteristics based on Understanding America Study (UAS) and National Health Interview Survey (NHIS)**

|                               | UAS, November 11-December 9, 2020 (n=5910) | NHIS, 2018 (n=53684) | p-value for difference between surveys |
|-------------------------------|-------------------------------------------|---------------------|----------------------------------------|
| Diabetes                      | 0.125                                     | 0.123               | 0.78                                   |
| Cancer*                       | 0.061                                     | 0.094               | <0.001                                 |
| Heart disease                 | 0.062                                     | 0.081               | <0.001                                 |
| High blood pressure           | 0.309                                     | 0.309               | 0.97                                   |
| Asthma                        | 0.116                                     | 0.131               | 0.02                                   |
| Chronic lung disease          | 0.042                                     | 0.046               | 0.38                                   |
| Kidney disease*               | 0.026                                     | 0.023               | 0.20                                   |
| Autoimmune disease            | 0.053                                     | not measured consistently | 0.001 |
| Obesity                       | 0.161                                     | 0.306               | <0.001                                 |
| 0 conditions                  | 0.474                                     |                     |                                        |
| 1 condition                   | 0.274                                     |                     |                                        |
| 2 conditions                  | 0.142                                     |                     |                                        |
| >=3 conditions                | 0.110                                     |                     |                                        |
| Age 18-59                     | 0.694                                     | 0.709               | 0.06                                   |
| Age 60-69                     | 0.179                                     | 0.156               | 0.001                                 |
| Age 70+                       | 0.128                                     | 0.135               | 0.22                                   |
| Male                          | 0.484                                     | 0.489               | 0.63                                   |
| Non-Hispanic white            | 0.631                                     | 0.637               | 0.59                                   |
| Non-Hispanic black            | 0.120                                     | 0.114               | 0.41                                   |
| Hispanic                      | 0.160                                     | 0.161               | 0.97                                   |
| Non-Hispanic other            | 0.088                                     | 0.088               | >0.99                                  |
| <=12 yrs schooling            | 0.375                                     | 0.350               | 0.01                                   |
| 13-15 yrs schooling           | 0.271                                     | 0.307               | <0.001                                 |
| 16+ years schooling           | 0.353                                     | 0.343               | 0.27                                   |

*UAS, but not NHIS, explicitly excludes skin cancer. Kidney disease is in the last year for NHIS.
### eTable 4. OLS and unconditional median regressions of perceived percent chance of infection in next 3 months

| Explanatory variables | OLS Regression 1 | OLS Regression 2 | Unconditional Median Regression 1 | Unconditional Median Regression 2 |
|-----------------------|-----------------|-----------------|-----------------------------------|-----------------------------------|
|                       | Beta/[95%CI]    | Beta/[95%CI]    | Beta/[95%CI]                      | Beta/[95%CI]                      |
| Diabetes              | 3.45* [0.75,6.14] | 4.94* [0.78,9.10] |                                   |                                   |
| Cancer                | 3.11 [-0.19,6.41] | 1.90 [-3.03,6.82] |                                   |                                   |
| Heart disease         | 3.30* [0.14,6.46] | 4.98 [-0.26,10.23] |                                   |                                   |
| High blood pressure   | -0.63 [-2.47,1.21] | -1.09 [-4.07,1.88] |                                   |                                   |
| Asthma                | 0.78 [-1.65,3.21] | 2.03 [-1.98,6.04] |                                   |                                   |
| Chronic lung disease  | 6.97** [2.78,11.15] | 8.38** [2.02,14.74] |                                   |                                   |
| Kidney disease        | 4.50 [-0.65,9.64] | 2.97 [-4.75,10.69] |                                   |                                   |
| Autoimmune disease    | 4.59** [1.42,7.77] | 7.21** [2.05,12.37] |                                   |                                   |
| Obesity               | 1.77 [-0.34,3.88] | 4.78** [1.30,8.26] |                                   |                                   |
| Age 60-69             | -2.29* [-4.28,-0.30] | -2.09* [-4.04,-0.14] | -0.77 [-4.21,2.22] | -0.99 [-4.21,2.22] |
| Age 70+               | -3.91** [-6.25,-1.57] | -3.45** [-5.71,1.19] | -2.76 [-6.83,0.60] | -3.12 [-6.83,0.60] |
| Male                  | -4.11*** [-5.76,-2.45] | -4.22*** [-5.85,-2.59] | -5.54*** [-8.10,-2.97] | -5.96*** [-8.47,-3.44] |
| Non-Hispanic black    | -2.93* [-5.74,-0.13] | -3.32* [-6.09,-0.55] | -3.99 [-8.33,0.35] | -4.61* [-8.91,0.32] |
| Hispanic              | 1.31 [-1.47,4.09] | 1.26 [-1.52,4.03] | 1.69 [-2.44,5.82] | 1.69 [-2.44,5.82] |
| Non-Hispanic other    | -1.87 [-4.62,0.89] | -1.93 [-4.69,0.84] | -4.25 [-8.79,0.28] | -4.38 [-8.92,0.17] |
| 13-15 yrs school      | -1.28 [-3.33,0.77] | -1.32 [-3.37,0.74] | -3.39* [-6.54,-0.23] | -3.32* [-6.47,-0.17] |
| 16+ yrs school        | -2.30* [-4.25,-0.35] | -2.44* [-4.38,-0.49] | -1.98 [-5.03,1.07] | -1.99 [-5.02,1.04] |
| 1 condition           | 1.00 [-0.92,2.92] |                                   | 1.74 [1.34,4.82] |                                   |
| 2 conditions          | 2.99* [0.55,5.42] |                                   | 5.15** [1.30,8.99] |                                   |
| 3+ conditions         | 8.27*** [5.53,11.02] |                                   | 12.31*** [8.23,16.39] |                                   |
| Constant              | 27.04*** [25.07,29.00] |                                   | 27.17*** [25.13,29.20] |                                   |
| n                     | 5900 | 5900 | 5900 | 5900 |

Reference categories: 0 conditions, age 18-59, female, non-Hispanic white, <=12 years of schooling. * p<0.05, ** p<0.01, *** p<0.001
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**eTable 5. OLS and unconditional median regressions of perceived percent chance of hospitalization if infected**

| Explanatory variables       | OLS Regression 1 | OLS Regression 2 | Unconditional Median Regression 1 | Unconditional Median Regression 2 |
|-----------------------------|------------------|------------------|-----------------------------------|-----------------------------------|
|                             | Beta/[95%CI]     | Beta/[95%CI]     | Beta/[95%CI]                      | Beta/[95%CI]                      |
| Diabetes                    | 8.46***          | 4.18**           |                                   |                                   |
|                             | [5.22,11.71]     | [1.53,6.84]      |                                   |                                   |
| Cancer                      | 7.09***          | 3.87*            |                                   |                                   |
|                             | [3.20,10.97]     | [0.83,6.92]      |                                   |                                   |
| Heart disease               | 9.58***          | 3.81*            |                                   |                                   |
|                             | [5.13,14.03]     | [0.38,7.24]      |                                   |                                   |
| High blood pressure         | 1.58             | 2.44**           |                                   |                                   |
|                             | [-0.47,3.64]     | [0.63,4.26]      |                                   |                                   |
| Asthma                      | 4.59**           | 3.59**           |                                   |                                   |
|                             | [1.80,7.37]      | [1.20,5.99]      |                                   |                                   |
| Chronic lung disease        | 18.42***         | 6.84**           |                                   |                                   |
|                             | [12.50,24.34]    | [2.37,11.32]     |                                   |                                   |
| Kidney disease              | 5.47             | 5.35             |                                   |                                   |
|                             | [-0.69,11.64]    | [-0.22,10.92]    |                                   |                                   |
| Autoimmune disease          | 7.93***          | 4.63**           |                                   |                                   |
|                             | [3.73,12.14]     | [1.44,7.82]      |                                   |                                   |
| Obesity                     | 4.44***          | 4.64***          |                                   |                                   |
|                             | [2.10,6.79]      | [2.55,6.72]      |                                   |                                   |
| Age 60-69                   | 4.64***          | 5.12***          | 4.54***                           | 4.46***                           |
|                             | [2.33,6.95]      | [2.82,7.42]      | [2.51,6.57]                       | [2.46,6.46]                       |
| Age 70+                     | 9.79***          | 10.96***         | 7.58***                           | 7.47***                           |
|                             | [6.60,12.98]     | [7.86,14.07]     | [5.24,9.92]                       | [5.26,9.68]                       |
| Male                        | -0.77            | -0.69            | -1.16                             | -1.31                             |
|                             | [-2.51,0.97]     | [-2.42,1.04]     | [-2.72,0.41]                      | [-2.85,0.23]                      |
| Non-Hispanic black          | 3.35*            | 2.53             | 2.33                              | 2.13                              |
|                             | [0.27,6.42]      | [-0.52,5.58]     | [-0.28,4.95]                      | [-0.48,4.75]                      |
| Hispanic                    | 3.90**           | 3.74**           | 4.64***                           | 4.62***                           |
|                             | [1.22,6.58]      | [1.03,6.45]      | [2.20,7.08]                       | [2.19,7.05]                       |
| Non-Hispanic other          | 3.53*            | 3.56*            | 2.88*                             | 2.87*                             |
|                             | [0.55,6.51]      | [0.63,6.49]      | [0.12,5.64]                       | [0.12,5.62]                       |
| 13-15 yrs school            | -4.34***         | -4.56***         | -3.53***                          | -3.52***                          |
|                             | [-6.52,-2.16]    | [-6.76,-2.36]    | [-5.47,-1.59]                     | [-5.46,-1.59]                     |
| 16+ yrs school              | -8.45***         | -8.90***         | -6.01***                          | -6.04***                          |
|                             | [-10.47,-6.42]   | [-10.95,-6.85]   | [-7.86,-4.17]                     | [-7.88,-4.19]                     |
| 1 condition                 | 4.81***          | 3.89***          |                                   |                                   |
|                             | [2.79,6.83]      | [1.97,5.80]      |                                   |                                   |
| 2 conditions                | 8.35***          | 7.56***          |                                   |                                   |
|                             | [5.69,11.10]     | [5.19,9.92]      |                                   |                                   |
| 3+ conditions               | 24.23***         | 14.06***         |                                   |                                   |
|                             | [20.81,27.64]    | [11.75,16.36]    |                                   |                                   |
| Constant                    | 18.71***         | 18.78***         |                                   |                                   |
|                             | [16.65,20.77]    | [16.68,20.87]    |                                   |                                   |
| n                           | 5899             | 5899             | 5899                              | 5899                              |

Reference categories: 0 conditions, age 18-59, female, non-Hispanic white, <=12 years of schooling.

* p<0.05, ** p<0.01, *** p<0.001

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### eTable 6. OLS and unconditional median regressions of perceived percent chance of death if infected

| Explanatory variables | OLS Regression 1 Beta/[95%CI] | OLS Regression 2 Beta/[95%CI] | Unconditional Median Regression 1 Beta/[95%CI] | Unconditional Median Regression 2 Beta/[95%CI] |
|-----------------------|-------------------------------|-------------------------------|-----------------------------------------------|-----------------------------------------------|
| Diabetes              | 6.68*** [3.64,9.72]           | 2.45*** [1.02,3.87]           |                                               |                                               |
| Cancer                | 6.85*** [2.90,10.80]          | 1.19 -0.52,2.89               |                                               |                                               |
| Heart disease         | 11.19*** [6.64,15.74]         | 2.97** [1.19,4.75]            |                                               |                                               |
| High blood pressure   | 0.56                          | 1.32 [0.35,2.28]              |                                               |                                               |
| Asthma                | 3.02* [0.50,5.54]             | 2.08** [0.82,3.34]            |                                               |                                               |
| Chronic lung disease  | 20.33*** [14.27,26.39]        | 4.14*** [1.76,6.51]           |                                               |                                               |
| Kidney disease        | 4.76                          | 2.27 [1.66,11.18]             |                                               |                                               |
| Autoimmune disease    | 6.86*** [3.06,10.65]          | 2.84*** [1.16,4.52]           |                                               |                                               |
| Obesity               | 2.15                          | 1.76 [0.65,2.87]              |                                               |                                               |
| Age 60-69             | 4.42*** [2.17,6.67]           | 5.17*** [2.93,7.41]           | 2.46*** [1.37,3.55]                           | 2.45*** [1.37,3.52]                           |
| Age 70+               | 7.94*** [4.93,10.95]          | 9.97*** [7.00,12.94]          | 5.02*** [3.80,6.24]                           | 5.01*** [3.85,6.17]                           |
| Male                  | -1.99* [-3.63,-0.35]          | -1.73* [-3.38,-0.08]         | -1.42*** [-2.24,-0.59]                        | -1.45*** [-2.27,-0.64]                        |
| Non-Hispanic black    | 4.18** [1.18,7.18]            | 3.15* [0.19,6.10]            | 2.61*** [1.19,4.03]                           | 2.45*** [1.03,3.87]                           |
| Hispanic              | 4.91*** [2.32,7.50]           | 4.56*** [1.91,7.20]           | 3.67*** [2.37,4.96]                           | 3.62*** [2.34,4.91]                           |
| Non-Hispanic other    | 2.82* [0.10,5.55]             | 2.81* [0.14,5.47]            | 2.96*** [1.48,4.44]                           | 2.96*** [1.49,4.44]                           |
| 13-15 yrs school      | -5.18*** [-7.26,-3.11]        | -5.54*** [-7.65,-3.44]        | -1.69** [-2.72,-0.66]                         | -1.72** [-2.75,-0.69]                         |
| 16+ yrs school        | -9.61*** [-11.56,-7.66]       | -10.24*** [-12.22,-8.25]     | -3.87*** [-4.86,-2.88]                        | -3.95*** [-4.93,-2.98]                        |
| 1 condition           | 4.15***                      |                               | 2.25***                                      |                                               |
| 2 conditions          | 5.58***                      |                               | 3.82***                                      |                                               |
| 3+ conditions         | 20.73***                     |                               | 7.72***                                      |                                               |
| Constant              | 16.07***                     |                               | 16.01***                                     |                                               |
| n                     | 5900                         | 5900                          | 5900                                         | 5900                                         |

Reference categories: 0 conditions, age 18-59, female, non-Hispanic white, <=12 years of schooling.

* p<0.05, ** p<0.01, *** p<0.001
### eTable 7. Models of activities undertaken in the past 7 days

| Explanatory variable | 1 condition | 2 conditions | 3+ conditions | Age 60-69 | Age 70+ | Male | Non-Hispanic black | Hispanic | Non-Hispanic other | 13-15 yrs school | 16+ yrs school | Constant |
|----------------------|-------------|--------------|---------------|-----------|---------|------|---------------------|----------|-------------------|----------------|--------------|----------|
|                      | OR [95% CI] | OR [95% CI]  | OR [95% CI]   | OR [95% CI]| OR [95% CI]| OR [95% CI]| OR [95% CI]      | OR [95% CI]| OR [95% CI]      | OR [95% CI]    | OR [95% CI]  | OR [95% CI]|
| Logit Bar/Club       | 1.16        | 0.74         | 0.92          | 0.60     | 0.48    | 1.67   | 0.45               | 0.59    | 0.45              | 1.38          | 1.21       | 0.09    |
| Logit Grocery/Pharmacy | 1.24       | 1.17         | 0.89          | 0.66     | 1.03    | 1.08   | 0.79               | 0.85    | 0.85              | 1.06          | 1.14       | 0.79    |
| Logit Visit friend's home | 1.05      | 0.93         | 0.75          | 0.59     | 0.64    | 1.00   | 0.57               | 0.66    | 0.85              | 1.10          | 0.89       | 1.10    |
| Logit Host visitors at home | 0.99      | 1.05         | 1.05          | 1.09     | 0.88    | 0.88   | 0.81               | 0.87    | 0.87              | 0.90          | 0.82       | 0.87    |
| Logit Gathering of 10+ | 0.86        | 0.86         | 0.86          | 0.54     | 0.88    | 0.51   | 0.57               | 0.57    | 0.87              | 0.87          | 0.55       | 0.87    |
| Logit Left home, non essential | 1.00      | 0.86         | 0.86          | 0.54     | 0.88    | 0.81   | 0.76               | 0.76    | 0.76              | 0.87          | 0.64       | 0.87    |
| Logit Share towel/utensil | 1.57**     | 0.92         | 0.81          | 0.73     | 1.02    | 0.88   | 0.64               | 0.64    | 0.64              | 0.90          | 0.64       | 0.84    |
| Logit <6ft coresident | 1.20        | 1.40         | 0.81          | 0.73     | 0.91    | 0.91   | 0.57               | 0.57    | 0.84              | 1.01          | 1.01       | 0.82    |
| Logit <6ft non coresident | 1.03     | 0.97         | 0.91          | 0.91     | 0.91    | 1.07   | 0.77               | 0.77    | 0.87              | 1.12          | 1.09       | 0.87    |
| Poisson # of activities | RR [95% CI] | RR [95% CI]  | RR [95% CI]   | RR [95% CI]| RR [95% CI]| RR [95% CI]| RR [95% CI]      | RR [95% CI]| RR [95% CI]      | RR [95% CI]    | RR [95% CI]  | RR [95% CI]|
| n                    | 5862        | 5859         | 5858          | 5869     | 5859    | 5841   | 4632               | 4652    | 5841              | 5744          | 5744       | 5744    |

Reference categories: 0 conditions, age 18-59, female, non-Hispanic white, <=12 years of schooling. OR=odds ratio. RR=rate ratio. * p<0.05, ** p<0.01, *** p<0.001. a Among those who live with someone else. b Excludes shared towel / utensils and <6ft from coresident because some people live alone.
### eTable 8. Logistic models of mask wearing in the past 7 days

| Explanatory variables | Wore mask somewhere in past 7 days OR[95%CI] | Bar/club OR[95%CI] | Grocery/pharmacy OR[95%CI] | Visit friend’s home OR[95%CI] | Host visitor OR[95%CI] | Gathering of 10+ noncoresident OR[95%CI] | <6ft | n |
|-----------------------|---------------------------------------------|---------------------|-----------------------------|-----------------------------|------------------------|------------------------------------------|------|----|
| 1 condition           | 1.59** [1.16,2.20]                         | 1.61 [0.85,3.03]    | 1.06 [0.82,1.38]            | 1.27 [0.78,2.08]            | 1.04 [0.58,1.87]       | 1.58 [0.95,2.65]                          | 1.01 | 5901 |
| 2 conditions          | 1.63* [1.09,2.45]                         | 2.33* [1.07,5.09]   | 1.40 [0.99,1.98]            | 1.79* [1.04,3.10]           | 1.99* [1.11,3.57]      | 2.20* [1.13,4.29]                          | 1.48** | 522 |
| 3+ conditions         | 1.95** [1.19,3.20]                        | 0.73 [0.31,1.76]    | 1.53* [1.04,2.27]           | 1.57 [0.80,3.07]            | 1.51 [0.79,2.91]       | 1.97 [0.97,3.99]                          | 1.06 | 4857 |
| Age 60-69              | Age 70+                                    | Age 70+             | Age 70+ | Male | Non-Hispanic black | Hispanic | Non-Hispanic other | 13-15 yrs school | 16+ yrs school | Constant | 3+ conditions | <6ft | n |
| 1.58 [0.95,2.65]       | 1.01 [1.16,2.20]                         | 1.61 [0.85,3.03]    | 1.06 [0.82,1.38]            | 1.27 [0.78,2.08]            | 1.04 [0.58,1.87]       | 1.58 [0.95,2.65]                          | 1.01 | 5901 |
| 1.01 [1.16,2.20]       | 1.61 [0.85,3.03]                          | 1.06 [0.82,1.38]    | 1.27 [0.78,2.08]            | 1.04 [0.58,1.87]            | 1.58 [0.95,2.65]       | 1.01 [1.16,2.20]                          | 1.61 | 522 |
| 1.00 [0.78,2.08]       | 1.27 [0.78,2.08]                          | 1.04 [0.58,1.87]    | 1.58 [0.95,2.65]            | 1.01 [1.16,2.20]            | 1.61 [0.85,3.03]       | 1.06 [0.82,1.38]                          | 1.27 | 4857 |

Reference categories: 0 conditions, age 18-59, female, non-Hispanic white, <=12 years of schooling. * p<0.05, ** p<0.01, *** p<0.001. OR=odds ratio.
**eTable 9. Logistic models of whether agree or strongly agree about various aspects of wearing a mask**

| Explanatory variables | OR/95%CI | OR/95%CI | OR/95%CI | OR/95%CI | OR/95%CI | OR/95%CI | OR/95%CI | OR/95%CI | OR/95%CI | OR/95%CI | OR/95%CI | OR/95%CI | OR/95%CI |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 condition           |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Keeps me safe         | 1.25    | 1.32**  | 0.67*   | 0.71*   | 0.56**  | 0.55*** | 1.04    | 0.83    | 0.79*   | 1.16    | 0.43*** | 0.89    |         |
| Is dangerous          | [1.04,1.51] | [1.08,1.61] | [0.49,0.93] | [0.54,0.93] | [0.39,0.79] | [0.42,0.72] | [0.69,1.56] | [0.62,1.11] | [0.63,0.99] | [0.57,2.35] | [0.28,0.66] | [0.71,1.11] |         |
| Is political statement| 1.24    | 1.37**  | 0.87    | 0.71*   | 0.61*   | 0.65**  | 1.08    | 0.74    | 0.85    | 1.17    | 0.45**  | 0.75    |         |
| Is threatening others | [0.97,1.58] | [1.06,1.77] | [0.60,1.26] | [0.50,1.00] | [0.39,0.95] | [0.46,0.91] | [0.65,1.78] | [0.51,1.06] | [0.64,1.13] | [0.45,3.05] | [0.26,0.78] | [0.55,1.02] |         |
| 3+ conditions         | 1.69*** | 1.65*** | 0.76    | 0.52**  | 0.27*** | 0.64*   | 0.56    | 0.59*   | 0.70*   | 0.94    | 0.29*** | 0.81    |         |
| Age 60-69             | [1.29,2.22] | [1.23,2.22] | [0.49,1.17] | [0.15,0.49] | [0.43,0.94] | [0.29,1.08] | [0.38,0.90] | [0.51,0.95] | [0.30,2.95] | [0.16,0.52] | [0.59,1.13] |         |
| Age 70+               | 1.90*** | 1.97*** | 0.63*   | 0.78    | 0.51**  | 0.70*   | 0.57*   | 0.48*** | 0.73**  | 0.05*** | 0.41**  | 0.60*** |         |
| Male                  | [1.54,2.34] | [1.57,2.47] | [0.44,0.91] | [0.58,1.05] | [0.33,0.79] | [0.52,0.94] | [0.34,0.95] | [0.34,0.70] | [0.57,0.92] | [0.01,0.21] | [0.24,0.71] | [0.47,0.78] |         |
| Female                | 1.82*** | 1.76*** | 0.48*** | 0.60**  | 0.46**  | 0.61**  | 0.36**  | 0.42*** | 0.61*** | 0.47    | 0.36*** | 0.55*** |         |
| Non-Hispanic black    | [1.43,2.31] | [1.36,2.28] | [0.31,0.72] | [0.43,0.85] | [0.27,0.78] | [0.43,0.87] | [0.20,0.67] | [0.28,0.63] | [0.46,0.81] | [0.16,1.44] | [0.20,0.65] | [0.41,0.73] |         |
| Hispanic              | 2.55*** | 1.67*** | 0.32*** | 0.15*** | 0.27*** | 0.15**  | 1.55    | 0.32*** | 0.32*** | 1.17    | 0.19*** | 0.43*** |         |
| Non-Hispanic other    | [1.88,3.45] | [1.24,2.26] | [0.19,0.60] | [0.15,0.49] | [0.06,0.39] | [0.14,0.43] | [0.92,2.63] | [0.18,0.57] | [0.22,0.48] | [0.73,4.01] | [0.07,0.51] | [0.30,0.63] |         |
| 13-15 yrs school      | 1.52*** | 1.56**  | 0.77    | 0.52**  | 0.46**  | 0.63*   | 1.22    | 0.46**  | 0.45*** | 1.93    | 0.42**  | 0.94    |         |
| 16+ yrs school        | [1.52,2.59] | [1.18,2.05] | [0.51,1.15] | [0.34,0.78] | [0.27,0.79] | [0.43,0.92] | [0.73,2.03] | [0.44,0.97] | [0.32,0.63] | [0.89,4.16] | [0.23,0.77] | [0.70,1.25] |         |
| Constant              | 1.54**  | 1.43*   | 0.50**  | 0.48**  | 0.56*   | 0.52**  | 1.06    | 0.45*** | 0.51*** | 1.37    | 0.73    | 0.75    |         |
| Reference categories: 0 conditions, age 18-59, female, non-Hispanic white, <=12 years of schooling. *p<0.05, **p<0.01, ***p<0.001
### eTable 10. Adjusted proportion wearing a mask in the past 7 days, by CDC risk factor [95% CI], with controls for opinions about masks

| CDC risk factor | Number of conditions | Age |
|-----------------|----------------------|-----|
|                 | 0  | 1  | 2  | ≥3 | 18-59 | 60-69 | ≥70 |
| Wore a mask somewhere in past 7 days | 0.895 | 0.911 | 0.911 | 0.909 | 0.896 | 0.924 | 0.922 |
| [0.880,0.910] | [0.892,0.930] | [0.887,0.935] | [0.875,0.943] | [0.883,0.909] | [0.904,0.945] | [0.896,0.948] |
| p=0.17 | p=0.28 | p=0.48 | p=0.02 | p=0.10 |
| Always wore a mask in past 7 days while at: | | | |
| Bar/Club | 0.238 | 0.293 | 0.388 | 0.151 | 0.225 | 0.344 | 0.398 |
| [0.168,0.308] | [0.206,0.380] | [0.250,0.526] | [0.055,0.247] | [0.167,0.282] | [0.231,0.457] | [0.250,0.545] |
| p=0.31 | p=0.04 | p=0.19 | p=0.05 | p=0.02 |
| Grocery/Pharmacy | 0.830 | 0.819 | 0.846 | 0.835 | 0.818 | 0.856 | 0.859 |
| [0.808,0.851] | [0.793,0.845] | [0.813,0.878] | [0.794,0.875] | [0.800,0.836] | [0.826,0.885] | [0.826,0.891] |
| p=0.51 | p=0.04 | p=0.19 | p=0.05 | p=0.02 |
| Visiting friend's home | 0.081 | 0.090 | 0.127 | 0.100 | 0.088 | 0.098 | 0.108 |
| [0.058,0.104] | [0.062,0.118] | [0.081,0.173] | [0.050,0.149] | [0.069,0.108] | [0.064,0.132] | [0.060,0.157] |
| p=0.62 | p=0.06 | p=0.48 | p=0.63 | p=0.42 |
| Hosting visitors | 0.066 | 0.064 | 0.114 | 0.089 | 0.073 | 0.079 | 0.082 |
| [0.044,0.087] | [0.039,0.089] | [0.071,0.158] | [0.048,0.130] | [0.055,0.092] | [0.050,0.109] | [0.045,0.119] |
| p=0.93 | p=0.03 | p=0.30 | p=0.72 | p=0.67 |
| Gathering of 10+ | 0.251 | 0.291 | 0.379 | 0.306 | 0.234 | 0.405 | 0.395 |
| [0.195,0.307] | [0.226,0.356] | [0.276,0.482] | [0.196,0.416] | [0.185,0.282] | [0.326,0.484] | [0.296,0.494] |
| p=0.31 | p=0.02 | p=0.37 | p<0.001 | p=0.003 |
| <6ft of noncoresident | 0.281 | 0.261 | 0.351 | 0.262 | 0.286 | 0.276 | 0.274 |
| [0.251,0.311] | [0.226,0.295] | [0.299,0.403] | [0.208,0.317] | [0.261,0.311] | [0.233,0.320] | [0.224,0.324] |
| p=0.38 | p=0.02 | p=0.57 | p=0.71 | p=0.68 |

Adjusted estimates based on models controlling for number of conditions, age, gender, race-ethnicity, and education, as well as 12 opinions about mask wearing. p-values are associated with the coefficients on number of conditions relative to 0 conditions and age relative to 18-59 years old in these multivariable models.