### Multimedia Appendix 4. Predicted adoption rates of the COVID-19 contact tracing app in Germany by potential vulnerability to COVID-19.

|                          | Has access to the app | Able to use the app | Willing to use the app |
|--------------------------|-----------------------|---------------------|------------------------|
|                          | %                     | CI (%)              | %                      | CI (%)                           | %                     | CI (%)                           |
| **Total**                | 82.6                  | [80.8; 84.2]        | 81.0                   | [79.1; 82.7]                     | 34.7                  | [32.7; 36.8]                     |
| Age 60-77, with at-risk health conditions | 62.4^A               | [57.3; 67.4]        | 60.6^D                | [55.4; 65.6]                     | 35.9^G,H             | [31.1; 40.9]                     |
| Age 60-77, without at-risk health conditions | 63.2^A               | [56.5; 69.5]        | 59.7^D                | [52.9; 66.1]                     | 34.7^G,H             | [28.7; 41.3]                     |
| Age 18-59, with at-risk health conditions | 87.1^B               | [83.2; 90.2]        | 85.8^E                | [81.9; 89.0]                     | 41.3^G               | [37.0; 45.7]                     |
| Age 18-59, without at-risk health conditions | 91.8^C               | [89.8; 93.4]        | 90.6^F                | [88.5; 92.3]                     | 30.6^H               | [27.8; 33.4]                     |
| N                        | 3,270                 |                     | 3,270                 |                                     | 3,269                |                                     |

*Note. % = weighted proportions. CI = 95% confidence intervals. Values with different letters within a column are statistically significant (Chi-2 test) at P < .05.*