**Supplemental Material 1. Sampling methods and results**

This study used a proportional quota-based sampling based on age, gender, and region. Age groups were divided into 19-29, 30-39, 40-49, 50-59, and 60-69 years old. Region was divided into 17 provinces. As a result, a total of 170 (5 \* 2 \* 17) cells were made. Assuming that the total number of study subjects is 1,500, the proportional quota of each cell was determined based on the resident registration population standards announced by the Ministry of Public Administration and Security as of September 2020. The quota for each cell and the actual number of participants are shown in Table S1. It is observed that there were no cells with significant differences between the assigned quotas and the number of respondents.

Table S1. The number of respondent and quotas according to age, gender, and region

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **19-29** | | **30-39** | | **40-49** | | **50-59** | | **60-69** | | **Total** |
|  | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** |
| **Seoul** | 30/30 | 35/32 | 31/29 | 29/29 | 30/30 | 31/30 | 30/29 | 30/30 | 23/23 | 25/25 | 294/287 |
| **Busan** | 8/10 | 9/9 | 10/9 | 8/8 | 10/10 | 10/10 | 11/11 | 12/12 | 10/10 | 11/11 | 99/100 |
| **Daegu** | 7/7 | 6/6 | 6/6 | 6/6 | 8/8 | 8/8 | 8/8 | 9/9 | 6/6 | 7/7 | 71/71 |
| **Incheon** | 8/9 | 10/8 | 8/8 | 8/8 | 10/10 | 8/9 | 10/10 | 11/10 | 7/7 | 7/7 | 87/86 |
| **Gwangju** | 3/5 | 4/4 | 4/4 | 4/4 | 5/5 | 4/5 | 5/5 | 5/5 | 3/3 | 3/3 | 40/43 |
| **Daejeon** | 5/5 | 4/4 | 4/4 | 4/4 | 5/5 | 5/5 | 5/5 | 5/5 | 3/3 | 4/4 | 44/44 |
| **Ulsan** | 5/4 | 3/3 | 3/3 | 3/3 | 4/4 | 4/4 | 4/4 | 4/4 | 3/3 | 2/3 | 36/35 |
| **Gyeonggi** | 41/41 | 37/37 | 41/39 | 37/37 | 49/46 | 45/45 | 44/44 | 44/43 | 29/29 | 30/30 | 397/391 |
| **Gangwon** | 4/4 | 3/3 | 3/3 | 3/3 | 5/5 | 4/4 | 5/5 | 5/5 | 5/5 | 5/5 | 42/42 |
| **North Chungcheong** | 5/5 | 5/4 | 4/4 | 4/4 | 5/5 | 5/5 | 6/6 | 5/5 | 4/4 | 4/4 | 47/46 |
| **South Chungcheong** | 4/6 | 5/5 | 6/6 | 5/5 | 7/7 | 6/6 | 7/7 | 6/6 | 5/5 | 5/5 | 56/58 |
| **North Jeolla** | 4/5 | 4/4 | 4/4 | 5/4 | 6/6 | 5/5 | 6/6 | 6/6 | 5/5 | 5/5 | 50/50 |
| **South Jeolla** | 5/5 | 5/4 | 4/4 | 4/4 | 6/6 | 5/5 | 7/7 | 6/6 | 5/5 | 5/5 | 52/51 |
| **North Gyeongnam** | 7/7 | 5/5 | 6/6 | 5/5 | 8/8 | 7/7 | 9/9 | 9/9 | 8/8 | 7/8 | 71/72 |
| **South Gyeongnam** | 8/9 | 7/7 | 8/8 | 8/8 | 11/11 | 10/10 | 12/12 | 11/11 | 9/9 | 9/9 | 93/94 |
| **Jeju** | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 20/20 |
| **Sejong** | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | 10/10 |
| **Total** | 147/155 | 145/138 | 145/140 | 136/135 | 172/169 | 160/161 | 172/171 | 172/169 | 128/128 | 132/134 | 1509/1500 |

*Notes* (The number of respondents) / (Quotas) are shown. M, Male; F, Female.

Table S2 shows the number of people requested to participate in the survey, the number of people who participated, the number of people who completed the survey, the participation rate and the completion rate by gender, age, and region. In the case of completion rate, there was no signification difference by gender, age, and region. However, in the case of response rate, the response rate of males was 11.7%p lower than females. Also, the response rate showed a tendency to decrease with age, and the 19-29 years old group showed a particularly low value compared to other age groups.

Table S2. Response rate and completion rate by gender, age, and region

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Requestion**  **(A)** | **Participation**  **(B)** | **Completion**  **(C)** | **Response rate**  **(B/A)** | **Completion rate**  **(C/B)** |
| **Gender** |  |  |  |  |  |
| **Male** | 4,905 | 948 | 764 | 19.3% | 80.6% |
| **Female** | 3,188 | 987 | 745 | 31.0% | 75.5% |
| **Age** |  |  |  |  |  |
| **19-29** | 3,174 | 415 | 292 | 13.1% | 70.4% |
| **30-39** | 1,352 | 356 | 281 | 26.3% | 78.9% |
| **40-49** | 1,458 | 428 | 332 | 29.4% | 77.6% |
| **59-59** | 1,173 | 401 | 344 | 34.2% | 85.8% |
| **60-69** | 936 | 335 | 260 | 35.8% | 77.6% |
| **Region** |  |  |  |  |  |
| **Seoul** | 1,400 | 368 | 294 | 26.3% | 79.9% |
| **Busan** | 556 | 123 | 99 | 22.1% | 80.5% |
| **Daegu** | 418 | 98 | 71 | 23.4% | 72.4% |
| **Incheon** | 550 | 122 | 87 | 22.2% | 71.3% |
| **Gwangju** | 295 | 56 | 40 | 19.0% | 71.4% |
| **Daejeon** | 192 | 59 | 44 | 30.7% | 74.6% |
| **Ulsan** | 196 | 42 | 36 | 21.4% | 85.7% |
| **Gyeonggi** | 2,113 | 503 | 397 | 23.8% | 78.9% |
| **Gangwon** | 209 | 57 | 42 | 27.3% | 73.7% |
| **North Chungcheong** | 261 | 59 | 47 | 22.6% | 79.7% |
| **South Chungcheong** | 306 | 78 | 56 | 25.5% | 71.8% |
| **North Jeolla** | 266 | 67 | 50 | 25.2% | 74.6% |
| **South Jeolla** | 286 | 60 | 52 | 21.0% | 86.7% |
| **North Gyeongnam** | 442 | 89 | 71 | 20.1% | 79.8% |
| **South Gyeongnam** | 443 | 121 | 93 | 27.3% | 76.9% |
| **Jeju** | 125 | 22 | 20 | 17.6% | 90.9% |
| **Sejong** | 35 | 11 | 10 | 31.4% | 90.9% |
| **Total** | 8,093 | 1,935 | 1,509 | 23.9% | 78.0% |