Supplemental Material 5. Degree of agreement on the allocation principles according to the perceived severity of COVID-19 pandemic

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| **Allocation principles** | **Perceived severity of COVID-19 pandemic** | **Agreement on the allocation principles** | | | | | ***p*-value of chi-squared tests** |
| **Strongly**  **disagree** | **Disagree** | **Nor agree**  **nor disagree** | **Agree** | **Strongly**  **agree** |
| **Save the most lives** | **Not severe** | 2 (1.0) | 3 (1.6) | 25 (13.0) | 95 (49.5) | 67 (34.9) | <0.01\* |
| **Severe** | 4 (0.5) | 12 (1.4) | 66 (7.8) | 404 (47.6) | 363 (42.8) |
| **Very severe** | 5 (0.7) | 0 (0) | 29 (6.2) | 132 (28.2) | 302 (64.5) |
| **Reciprocity** | **Not severe** | 6 (3.1) | 20 (10.4) | 49 (25.5) | 74 (38.5) | 43 (22.4) | <0.01\* |
| **Severe** | 10 (1.2) | 40 (4.7) | 214 (25.2) | 409 (48.2) | 176 (20.7) |
| **Very severe** | 15 (3.2) | 22 (4.7) | 82 (17.5) | 212 (45.3) | 137 (29.3) |
| **Instrumental value** | **Not severe** | 4 (2.1) | 15 (7.8) | 61 (31.8) | 82 (42.7) | 30 (15.6) | <0.01\* |
| **Severe** | 11 (1.3) | 52 (6.1) | 226 (26.6) | 409 (48.2) | 151 (17.8) |
| **Very severe** | 14 (3.0) | 33 (7.1) | 94 (20.1) | 201 (43.0) | 126 (26.9) |
| **Personal responsibility** | **Not severe** | 7 (3.7) | 30 (15.6) | 83 (43.2) | 50 (26.0) | 22 (11.5) | <0.01 |
| **Severe** | 39 (4.6) | 83 (9.8) | 333 (39.2) | 288 (33.9) | 106 (12.5) |
| **Very severe** | 37 (7.9) | 46 (9.8) | 136 (29.1) | 149 (31.8) | 100 (21.4) |
| **Save the most life-years** | **Not severe** | 8 (4.2) | 12 (6.3) | 55 (28.7) | 83 (43.2) | 34 (17.7) | <0.01 |
| **Severe** | 20 (2.4) | 76 (9.0) | 219 (25.8) | 374 (44.1) | 160 (18.9) |
| **Very severe** | 16 (3.4) | 30 (6.4) | 123 (26.3) | 158 (33.8) | 141 (30.1) |
| **Sickest first** | **Not severe** | 2 (1.0) | 5 (2.6) | 36 (18.8) | 105 (54.7) | 44 (22.9) | <0.01\* |
| **Severe** | 8 (0.9) | 20 (2.4) | 150 (17.7) | 458 (54.0) | 213 (25.1) |
| **Very severe** | 7 (1.5) | 15 (3.2) | 75 (16.0) | 212 (45.3) | 159 (34.0) |
| **Youngest first** | **Not severe** | 4 (2.1) | 10 (5.2) | 45 (23.4) | 96 (50.0) | 37 (19.3) | <0.01\* |
| **Severe** | 16 (1.9) | 59 (7.0) | 189 (22.3) | 387 (45.6) | 198 (23.3) |
| **Very severe** | 14 (3.0) | 33 (7.1) | 95 (20.3) | 171 (36.5) | 155 (33.1) |
| **Korean first** | **Not severe** | 5 (2.6) | 11 (5.7) | 32 (16.7) | 63 (32.8) | 81 (42.2) | <0.05\* |
| **Severe** | 3 (0.4) | 33 (3.9) | 137 (16.1) | 334 (39.3) | 342 (40.3) |
| **Very severe** | 6 (1.3) | 20 (4.3) | 65 (13.9) | 150 (32.1) | 227 (48.5) |
| **First-come, first-served** | **Not severe** | 20 (10.4) | 45 (23.4) | 50 (26.0) | 59 (30.7) | 18 (9.4) | <0.01 |
| **Severe** | 49 (5.8) | 200 (23.6) | 253 (29.8) | 217 (25.6) | 130 (15.3) |
| **Very severe** | 56 (12.0) | 95 (20.3) | 122 (26.1) | 107 (22.9) | 88 (18.8) |
| **Random selection** | **Not severe** | 41 (21.4) | 59 (30.7) | 56 (29.2) | 23 (12.0) | 13 (6.8) | <0.01 |
| **Severe** | 152 (17.9) | 265 (31.2) | 213 (25.1) | 160 (18.9) | 59 (7.0) |
| **Very severe** | 127 (27.1) | 114 (24.4) | 108 (23.1) | 66 (14.1) | 53 (11.3) |

*Notes* Numbers of respondents (%) are showed. \*‘Strongly disagree’ and ‘disagree’ was combined in the chi-squared test due to the small number of respondents in ‘strongly disagree’.