Supplemental Content

**Supplemental Table 1**: SDM preference probabilities for WLST for some sampled discrete choice scenarios containing “I want everything done” (bottom parenthesis) compared to similar discrete choice scenarios with other stated patient preferences (top parenthesis)

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| Discrete choice scenarios1 | Preference (%)2 | 95% LL | 95% UL |
| (1,1,1,1,1,2) vs (1,1,1,1,1,1) | 44.2  16.4 | 42.3  14.9 | 46.0  17.9 |
| (1,1,1,1,1,3) vs  (1,1,1,1,1,1) | 46.0  15.7 | 44.1  14.1 | 47.9  17.2 |
| (1,1,1,1,1,4) vs  (1,1,1,1,1,1) | 46.0  15.8 | 44.1  14.2 | 47.9  17.3 |
| (5,1,1,1,1,2) vs  (5,1,1,1,1,1) | 50.3  17.7 | 48.3  16.3 | 52.3  19.2 |
| (5,1,1,1,1,3) vs  (5,1,1,1,1,1) | 52.0  16.9 | 50.0  15.4 | 54.1  18.4 |
| (5,1,1,1,1,4) vs  (5,1,1,1,1,1) | 52.3  16.7 | 50.3  15.3 | 54.3  18.2 |
| (3,3,1,1,1,2) vs  (3,3,1,1,1,1) | 52.0  12.0 | 49.6  10.3 | 54.4  13.6 |
| (3,3,1,1,1,3) vs  (3,3,1,1,1,1) | 54.0  11.3 | 51.5  9.7 | 56.4  13.0 |
| (3,3,1,1,1,4) vs  (3,3,1,1,1,1) | 54.3  11.2 | 51.9  9.6 | 56.7  12.9 |
| (3,3,4,1,1,2) vs  (3,3,4,1,1,1) | 43.2  15.9 | 41.4  14.5 | 45.0  17.4 |
| (3,3,4,1,1,3) vs  (3,3,4,1,1,1) | 45.2  15.0 | 43.2  13.5 | 47.1  16.5 |
| (3,3,4,1,1,4) vs  (3,3,4,1,1,1) | 45.2  15.1 | 43.3  13.6 | 47.1  16.5 |
| (3,3,4,3,1,2) vs  (3,3,4,3,1,1) | 49.2  17.9 | 47.3  16.3 | 51.1  19.4 |
| (3,3,4,3,1,3) vs  (3,3,4,3,1,1) | 51.3  16.7 | 49.2  15.2 | 53.3  18.3 |
| (3,3,4,3,1,4) vs  (3,3,4,3,1,1) | 51.4  16.7 | 49.4  15.1 | 53.4  18.2 |
| (3,3,4,3,3,2) vs  (3,3,4,3,3,1) | 40.7  15.7 | 38.9  14.2 | 42.4  17.2 |
| (3,3,4,3,3,3) vs  (3,3,4,3,3,1) | 42.9  14.6 | 41.0  13.1 | 44.9  16.1 |
| (3,3,4,3,3,4) vs  (3,3,4,3,3,1) | 42.7  14.9 | 40.9  13.3 | 44.5  16.4 |
| Worse Case Scenarios | | | |
| (5,1,4,3,1,2) vs  (5,1,4,3,1,1) | 57.6  20.2 | 55.4  18.7 | 59.7  21.8 |
| (5,1,4,3,1,3) vs  (5,1,4,3,1,1) | 59.6  19.0 | 57.3  17.5 | 61.8  20.6 |
| (5,1,4,3,1,4) vs  (5,1,4,3,1,1) | 59.8  18.8 | 57.6  17.2 | 62.0  20.4 |

1 The discrete choice scenarios are defined by 6 attributes and their respective attribute levels (Age (1-5), Hospital survival prognosis (1-3), ICU LOS (1-4), Communication prognosis (1-3), Physical prognosis (1-3), Stated patient preferences (1-4). For example, the discrete choice scenario (1,1,1,1,1,1) corresponds to (Age<20, survival<1%, ICU LOS<1 month, Communication=impaired speech but understands, Physical=confined to a bed, Stated preference=”I want everything done”)

2 ‘None’ preference probability not shown