**Supplementary Table S1**

 *Distribution of QOL-AD utilities across the CCI-6D Dimensions (N= 446)*

|  |  |  |  |
| --- | --- | --- | --- |
| *Dimensions* | *Frequency (percent)*  | *Mean QOL-AD Utilities*  | *Kruskal-Wallis test (p-value)* |
| *Care time: How much time are care-giving staff able to spend with you?* |
| Always able to spend enough time attending to my individual needs | 48.7 | 0.689 | 51.99 (<0.001) |
| Sometimes able to spend enough time attending to my individual needs | 41.3 | 0.516 |  |
| Rarely able to spend enough time attending to my individual needs | 10.1 | 0.355 |  |
| *Shared Spaces: Do the shared spaces of the aged-care home as a whole make you feel ‘at home’?* |
| I feel very at home here | 61.0 | 0.651 | 51.91 (<0.001) |
| I feel at home here sometimes | 26.0 | 0.563 |  |
| I feel at home here rarely | 13.0 | 0.311 |  |
| *Own Room: Does your own room here make you feel ‘at home’?* |  |  |  |
| I feel very at home in my room | 82.3 | 0.640 | 34.64 (<0.001) |
| I feel at home in my room sometimes | 13.2 | 0.455 |  |
| I feel at home in my room rarely | 4.5 | 0.219 |  |
| *Outside and Gardens: Is there access to outside and gardens in this aged-care home?* |
| I can get outside whenever I want | 64.8 | 0.641 | 37.24 (< 0.001) |
| I can get outside sometimes | 20.2 | 0.555 |  |
| I cannot get outside easily | 15.0 | 0.381 |  |
| *Meaningful Activities: How often does the facility offer you things to do that make you feel valued?* |
| I can do things that make me feel valued often | 36.5 | 0.675 | 35.97 (< 0.054) |
| I can sometimes do things that make me feel valued | 32.1 | 0.592 |  |
| I can only rarely or occasionally do things that make me feel valued | 31.4 | 0.471 |  |
| *Care Flexibility: How flexible is the aged-care home with the care routines?* |
| Care routines are very flexible | 51.3 | 0.698 | 39.65 (<0.001) |
| There is a little flexibility in the care routines | 34.3 | 0.543 |  |
| There is not much flexibility in the care routines | 14.3 | 0.379 |  |

Abbreviations: CCI-6D, Consumer Choice Index Six Dimensions, QOL-AD, Quality of Life in Alzheimer’s Disease.

**Supplementary Table S2**

*Distribution of CCI-6D index across the QOL-AD scales (N= 446)*

|  |  |  |  |
| --- | --- | --- | --- |
| QOL-AD Dimensions | Frequency (percent) | Mean CCI-6D index | Kruskal-Wallis test(p-value)  |
| **Physical Health** |  |  |  |
| Poor | 71 (15.9) | 0. 642 | 43.63 (< 0.001) |
| Fair | 156 (35.0) | 0. 758 |  |
| Good | 187 (41.9) | 0. 824 |  |
| Excellent | 31 (7.0) | 0. 860 |  |
| Missing | 1 (0.2) |  |  |
| **Energy** |  |  |  |
| Poor | 81 (18.2) | 0.663 | 37.24 (< 0.001) |
| Fair | 174 (39.0) | 0.773 |  |
| Good | 173 (38.8) | 0.818 |  |
| Excellent | 18 (4.0) | 0.902 |  |
| Missing | 0 (0) |  |  |
| **Mood** |  |  |  |
| Poor | 37 (8.3) | 0.566 | 62.07 (< 0.001) |
| Fair | 120 (26.9) | 0.704 |  |
| Good | 267 (59.9) | 0.832 |  |
| Excellent | 22 (4.9) | 0.836 |  |
| Missing | 0 (0) |  |  |
| **Living situation** |  |  |  |
| Poor | 14 (3.1) | 0.472 | 77.80 (< 0.001) |
| Fair | 55 (12.3) | 0.601 |  |
| Good | 286 (64.1) | 0.792 |  |
| Excellent | 91 (20.4) | 0.875 |  |
| Missing | 0 (0) |  |  |
| **Memory** |  |  |  |
| Poor | 68 (15.2) | 0.675 | 17.15 (< 0.001) |
| Fair | 151 (33.9) | 0.788 |  |
| Good | 194 (43.5) | 0.799 |  |
| Excellent | 33 (7.4) | 0.794 |  |
| Missing | 0 (0) |  |  |
| **Family** |  |  |  |
| Poor | 20 (4.5) | 0.632 | 29.62 (<0.001) |
| Fair | 38 (8.5) | 0.682 |  |
| Good | 192 (43.0) | 0.759 |  |
| Excellent | 195 (43.7) | 0.826 |  |
| Missing | 1 (0.2) |  |  |
| **Marriage** |  |  |  |
| Poor | 16 (3.6) | 0.677 | 15.06 (0.002) |
| Fair | 39 (8.7) | 0.691 |  |
| Good | 196 (43.9) | 0.766 |  |
| Excellent | 194 (43.5) | 0.812 |  |
| Missing | 1 (0.2) |  |  |
| **Friends** |  |  |  |
| Poor | 42 (9.4) | 0.605 | 48.17 (< 0.001) |
| Fair | 99 (22.2) | 0.715 |  |
| Good | 233 (52.2) | 0.826 |  |
| Excellent | 72 (16.1) | 0.797 |  |
| Missing | 0 (0) |  |  |
| **Whole self** |  |  |  |
| Poor | 27 (6.1) | 0.623 | 34.80 (< 0.001) |
| Fair | 99 (22.2) | 0.710 |  |
| Good | 286 (64.1) | 0.808 |  |
| Excellent | 32 (7.2) | 0.817 |  |
| Missing | 2 (0.4) |  |  |
| **Chores** |  |  |  |
| Poor | 102 (22.9) | 0.631 | 74.95 (< 0.001) |
| Fair | 117 (26.2) | 0.776 |  |
| Good | 196 (43.9) | 0.834 |  |
| Excellent | 30 (6.7) | 0.892 |  |
| Missing | 1 (0.2) |  |  |
| **Fun** |  |  |  |
| Poor | 69 (15.5) | 0.622 | 84.01 (< 0.001) |
| Fair | 124 (27.8) | 0.713 |  |
| Good | 221 (49.6) | 0.848 |  |
| Excellent | 30 (6.7) | 0.861 |  |
| Missing | 2 (0.4) |  |  |
| **Money** |  |  |  |
| Poor | 32 (7.2) | 0.687 | 15.58 (< 0.001) |
| Fair | 105 (23.5) | 0.733 |  |
| Good | 257 (57.6) | 0.801 |  |
| Excellent | 48 (10.8) | 0.797 |  |
| Missing | 4 (0.9) |  |  |
| **Life as a whole** |  |  |  |
| Poor | 20 (4.5) | 0.552 | 52.76 (< 0.001) |
| Fair | 66 (14.8) | 0.670 |  |
| Good | 292 (65.5) | 0.794 |  |
| Excellent | 64 (14.3) | 0.872 |  |
| Missing | 4 (0.9) |  |  |

Abbreviations: CCI-6D, Consumer Choice Index Six Dimension, QOL-AD, Quality of Life in Alzheimer’s Disease.