Supplementary Material 1 Comparison of ceiling effects (full health) among HRQoL instruments

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| HRQoL (full health) | HINT-8 (11111111) | EQ-5D-5L (11111) | SF-6D (111111) |
| Mean (SD) | Mean (SD) | Mean (SD) |
| Ceiling, n (%) | 14 (4.7%) | 69 (23.0%) | 7 (2.3%) |
| HINT-8 index | - | 0.895 (0.064) | 0.960 (0.050) |
| EQ-5D-5L index | 0.952 (0.082) | - | 0.978 (0.058) |
| SF-6D index | 0.921 (0.088) | 0.860 (0.090) | - |
| SF-36v2  Physical functioning  Role physical  Bodily pain  General health  Vitality  Social functioning  Role emotional  Mental health  PCS  MCS | 53.7 (5.4)  55.4 (3.9)  60.6 (3.6)  52.3 (6.3)  63.6 (6.6)  57.3 (0.0)  54.9 (3.2)  59.3 (6.0)  54.7 (2.5)  59.2 (4.5) | 51.9 (7.1)  54.3 (5.2)  60.5 (3.5)  49.3 (7.4)  59.2 (8.5)  55.5 (4.3)  53.7 (6.4)  56.9 (6.7)  53.4 (4.4)  56.7 (6.1) | 56.2 (2.1)  56.5 (1.1)  62.0 (0.0)  52.4 (10.8)  66.2 (6.4)  57.3 (0.0)  56.2 (0.0)  61.0 (3.8)  56.1 (2.9)  60.4 (2.1) |

HRQoL, health-related quality of life; HINT-8, Health-related Quality of Life Instrument with 8 Items; EQ-5D-5L, 5-level EQ-5D; SF-6D, Short Form 6 dimension; SD, standard deviation; SF-36v2, Short Form Health Survey version 2.0; PCS, physical component summary; MCS, mental component summary.