**Table SA2: Odds ratios to rate the general health state as “good” – sensitivity analysis**

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| --- | --- | --- | --- |
|  | **Model (i)** | **Model (ii)** | **Model (iii)** |
| **OR (p-value)** | **95%-CI** | **OR (p-value)** | **95%-CI** | **OR (p-value)** | **95%-CI** |
| QoL: Physical score of SF12 | **1.23** (<0.0001) | (1.15,1.32) | **1.24** (<0.0001) | (1.15,1.33) | **1.25** (<0.0001) | (1.15,1.34) |
| QoL: Mental score of SF12 | **1.14** (<0.0001) | (1.08,1.20) | **1.13** (<0.0001) | (1.07,1.20) | **1.13** (<0.0001) | (1.06,1.19) |
| Patient time (hour per week) | 1.17 (0.0534) | (1.00,1.36) | 1.16 (0.0732) | (0.99,1.36) | **1.19** (0.0484) | (1.00,1.41) |
| Age (years) |  |  | 1.02 (0.3950) | (0.97,1.08) | 1.04 (0.2130) | (0.98,1.11) |
| Sex (female vs. male) |  |  | 0.66 (0.4427) | (0.23,1.89) | 0.67 (0.4688) | (0.23,1.97) |
| Employment status (yes vs. no) |  |  |  |  | 2.82 (0.2680) | (0.45,17.71) |
| Partner (yes vs. no) |  |  |  |  | 0.67 (0.5437) | (0.19,2.42) |
| School education (high/middle vs. low) |  |  |  |  | 1.72 (0.3839) | (0.51,5.84) |

CI Confidence Intervals
Max-rescaled R-square was 0.64 in (i) and (ii) and 0.66 in (iii)

Area Under the Curve (AUC) was 0.93 in (i), 0.94 in (ii) and (iii)

Sensitivity analysis with imputed medians for missing values in time variables