SUPPLEMENTARY MATERIAL

EQ-5D index formula

\[ y = 1 - (0.050 + 0.096 \times M_2 + 0.418 \times M_3 + 0.046 \times SC_2 + 0.136 \times SC_3 + 0.051 \times UA_2 + 0.208 \times UA_3 + 0.037 \times PD_2 + 0.151 \times PD_3 + 0.043 \times AD_2 + 0.158 \times AD_3 + 0.050 \times N_3) \]

| M2   | Physical activity "Level 2"=1; otherwise=0 |
|------|------------------------------------------|
| M3   | Physical activity "Level 3"=1; otherwise=0 |
| SC2  | Self-control "Level 2"=1; otherwise=0     |
| SC3  | Self-control "Level 3"=1; otherwise=0     |
| UA2  | Daily activity "Level 2"=1; otherwise=0   |
| UA3  | Daily activity "Level 3"=1; otherwise=0   |
| PD2  | Pain "Level 2"=1; otherwise=0             |
| PD3  | Pain "Level 3"=1; otherwise=0             |
| AD2  | Anxiety/depression "Level 2"=1; otherwise=0 |
| AD3  | Anxiety/depression "Level 3"=1; otherwise=0 |
| N3   | If there is at least one dimension at "Level 3"=1; otherwise=0 |

In the EQ-5D index formula, numbers 2 and 3 indicate the level of severity in the five dimensions of the EQ-5D ("some problems" and "severe problems," respectively). N3 is set at 1 or 0 if at least one dimension at Level 3 (severe problems) is 1; otherwise, N3 is set at 0.