

SUPPLEMENTARY MATERIAL

EQ-5D index formula

$$y=1-(0.050+0.096*M2+0.418*M3+0.046*SC2+0.136*SC3+0.051*UA2+0.208*UA3+0.037*PD2+0.151*PD3+0.043*AD2+0.158*AD3+0.050*N3)$$

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.