

From Five MAUI onto EQ-5D

(1) From 15D to EQ-5D (Based on OLS)

$$\text{EQ5D Utility} = 1.439659 \times 15D - 0.0160474 \times \text{Germany}_{15D} - 0.4845035$$

(2) From AQoL-8D to EQ-5D (Based on OLS)

$$\begin{aligned} \text{EQ5D Utility} = & 1.497758 \times \text{AQOL8D_IL} + 0.4283664 \times \text{AQOL_HAP} + 0.4500574 \times \text{AQOL_MH} + \\ & 0.4753728 \times \text{AQOL_COP} + 0.262133 \times \text{AQOL_SW} + 0.5824551 \times \text{AQOL8D_PAIN} - 0.7365731 \times \text{AQOL8D_IL}^2 \\ & - 0.2793909 \times \text{AQOL_HAP}^2 - 0.1758365 \times \text{AQOL_MH}^2 - 0.2826796 \times \text{AQOL_COP}^2 - 0.1511985 \times \text{AQOL_SW}^2 \\ & - 0.1352998 \times \text{AQOL_PAIN}^2 - 0.00915 \times \text{Male} - 0.9769334 \end{aligned}$$

(3) From HUI3 to EQ-5D (Based on OLS)

$$\text{EQ5D Utility} = 0.7202142 \times \text{HUI3} - 0.0420107 \times \text{HUI3}^2 + 0.2491915$$

(4) From QWB to EQ-5D (Based on OLS)

$$\begin{aligned} \text{EQ5D Utility} = & 2.156258 \times \text{QWB} - 0.9607855 \times \text{QWB}^2 + 0.6243544 \times \text{UK_QWB} - 0.4089217 \times \text{UK_QWB}^2 - \\ & 0.2327262 \times \text{UK} - 0.2224266 \end{aligned}$$

(5) From SF-6D to EQ-5D (Based on OLS)

$$\begin{aligned} \text{EQ5D Utility} = & 0.1356281 \times \text{SF6D_GH} + 0.4448361 \times \text{SF6D_PF} + 0.5697766 \times \text{SF6D_BP} + \\ & 0.0388171 \times \text{SF6D_VT} + 0.1508083 \times \text{SF6D_SF} + 0.6517192 \times \text{SF6D_MH} - 0.0510286 \times \text{SF6D_GH}^2 - \\ & 0.2111574 \times \text{SF6D_PF}^2 - 0.1725601 \times \text{SF6D_BP}^2 - 0.101316 \times \text{SF6D_SF}^2 + 0.0212197 \times \text{SF6D_RE}^2 - \\ & 0.3678108 \times \text{SF6D_MH}^2 - 0.0092532 \times \text{Germany} - 0.0070826 \times \text{Male} - 0.1345029 \end{aligned}$$

