From Five MAUI onto AQoL-8D

(1) From 15D to AQoL-8D (Based on OLS)

AQOL8D Utility = -0.4389979×15D + 1.210921×$15D^2$ + 0.0230402×Male - 0.0167462× Germany - 0.0174943×UK + 0.1529662

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

(STEP1)

AQOL8D Utility* = 0.3384517×EQ5D + 0.3824626×$EQ5D^2$ + 0.0259432×Male - 0.0245626×UK + 0.1988003

(STEP2)

AQOL8D Utility = (AQOL8D Utility* + 0.0283914/0.9533051) × 0.9533051

(3) From HUI3 to AQoL-8D (Based on OLS)

AQOL8D Utility = 0.2929992×HUI3 + 0.3381887×$HUI3^2$ + 0.0394491×Male - 0.0092434 × Germany - 0.0163462×UK + 0.2619056

(4) From QWB to AQoL-8D (Based on GLM)

(STEP1)

AQOL8D Utility* = exp(5.373593×QWB - 2.565954) / (1 + exp(5.373593×QWB - 2.565954))

(STEP2)

AQOL8D Utility = (AQOL8D Utility* - 0.0038286/1.005717) × 1.005717

(5) From SF-6D to AQoL-8D (Based on GLM)

(STEP1)

AQOL8D Utility* = exp(0.6518463×SF6D_GH + 0.3121049×SF6D_PF + 0.7317531×SF6D_BP + 1.219284×SF6D_VT^2 + 0.2688438×SF6D_SF^2 + 1.598846×SF6D_MH^2 - 1.624952) / (1 + exp(0.6518463×SF6D_GH + 0.3121049×SF6D_PF + 0.7317531×SF6D_BP + 1.219284×SF6D_VT^2 + 0.2688438×SF6D_SF^2 + 1.598846×SF6D_MH^2 - 1.624952))

(STEP2)

AQOL8D Utility = (AQOL8D Utility* + 0.0025545/0.9962494) × 0.9962494