

Table 5 Multivariate analysis of the independent variables with the 4 outcome variables (adjusted for country majority religion)

Variable	Model 1 ^a				Model 2 ^b			
	Male life expectancy (n = 167) β (95% CI)	Female life expectancy (n = 167) β (95% CI)	Maternal mortality ratio (n = 156) β (95% CI)	Infant mortality rate (n = 166) β (95% CI)	Male life expectancy (n = 155) β (95% CI)	Female life expectancy (n = 155) β (95% CI)	Maternal mortality ratio (n = 154) β (95% CI)	Infant mortality rate (n = 154) β (95% CI)
Constant	44	41	1999	141	27	21	1660	185
Country majority religion								
NMM	-	-	-	-	-	-	-	-
MM	2.1 (-1.0 to 5.1)	2.5 (-0.2 to 5.2)	-55.1 (-141.0 to 30.6)	1.4 (-6.6 to 9.5)	2.1 (-1.2 to 5.4)	2.6 (-0.4 to 5.6)	-98.0 (192.0 to -5.6)	3.4 (-4.7 to 11.6)
Improved water access	0.2 (0.07 to 0.3)	0.2 (0.1 to 0.3)	-9.7 (-12.4 to -7.0)	-0.7 (-1.0 to -0.4)	0.2 (0.07 to 0.3)	0.2 (0.1 to 0.4)	-	0.8 (-1.1 to -0.5)
Adult literacy rate	0.1 (0.04 to 0.2)	0.2 (0.09 to 0.3)	-10.6 (-13.0 to -8.2)	-0.7 (-1.0 to -0.4)	0.2 (0.08 to 0.3)	0.2 (0.1 to 0.3)	-14.9 (-17.0 to -12.8)	-0.8 (-1.0 to -0.5)
Corruption perception index	-	-	-	-	1.7 (1.0 to 2.5)	1.5 (0.8 to 2.2)	-31.0 (-52.0 to -10.0)	-2.8 (-4.7 to -1.0)
Income group								
High	-	-	-	-	-	-	-	-
Upper middle	-9.2 (-13.3 to -5.2)	-5.9 (-9.5 to -2.2)	-	6.1 (-4.5 to 16.6)	-	-	-	-
Lower middle	-7.9 (-11.8 to -4.0)	-7.9 (-11.4 to -4.4)	-	14.0 (3.8 to 24.2)	-	-	-	-
Low	-11.5 (-16.9 to -6.2)	-12.5 (-17.3 to -7.7)	-	29.2 (15.1 to 43.2)	-	-	-	-
R ² (%)	54	69	72	72	52	67	66	72

^aExcluding corruption perception index; ^bExcluding income group.

CI = confidence interval; NMM = non-Muslim majority; MM = Muslim majority.