

Annex

Supplementary Table S1. Relative weights of the principal component analysis.

	PCOMP_1	PCOMP_2
Physical functioning (PF)	0.366463	0.0233605
Role physical (RP)	0.365922	0.324238
Body pain (BP)	0.295466	0.573603
General health (GH)	0.37818	0.200957
Vitality (VT)	0.379679	-0.0945726
Social functioning (SF)	0.354612	0.0068303
Role emotional (RE)	0.329187	-0.565321
Mental health (MH)	0.348845	-0.443105

Supplementary Table S1. Relative contribution of each of the SF-36 subcomponents to the two new components (PCOMP_1 and PCOMP_2). PCOMP_1 describes overall health and QoL as all the subcomponents have similar relative weights. In contraposition, PCOMP_2 express as positive values subcomponents more related to physical performance and negative values those from psychological/mental aspect. Hence, positive values will represent better physical performance over the mental subcomponent, and vice versa.