

Title manuscript: The estimation of a preference-based single index for the IBS-QoL by mapping to the EQ-5D-5L in patients with irritable bowel syndrome.

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Supplementary table 2

Mapping equations from IBS-QoL to EQ-5D-5L score using CLAD regression

	<i>Model 1 Total IBS-QoL score</i>		<i>Model 2 Total IBS-QoL score + IBS-SSS + age</i>		<i>Model 3 Two domains IBS-QoL: Dysphoria score + Body image score</i>		<i>Model 4 Total IBS-QoL score + Squared IBS-SSS score</i>		<i>Model 5 Dysphoria score + Body image score + squared IBS-SSS + age</i>	
Type of analysis	Clad		Clad		Clad		Clad		Clad	
	Coeff	SE	Coeff.	SE	Coeff	SE	Coeff.	SE	Coeff	SE
Constant	0.408	0.114	0.511	0.114	0.451	0.108	0.471	0.099	0.482	0.098
IBS-QoL total score	0.005	0.001	0.005	0.001			0.005	0.001		
IBS-SSS score			-0.0002	0.0001						
Age			-0.001	0.0009					-0.001	0.0008
IBS-QoL domain Dysphoria score					0.004	0.001			0.004	0.001
IBS-QoL domain Body Image score					0.001	0.001			0.001	0.001
Squared IBS-SSS score							-4.83E-7	3.59e-7	3.75e-07	3.11e-07

Coeff. = Coefficients, determined by CLAD analysis in STATA. SE: Standardized Error.

IBS-QoL total score: Score between 0-100. IBS-SSS score: score between 0 and 500 defining the severity of IBS.