

Japanese value set for the EORTC QLU-C10D: A multi-attribute utility instrument based on cancer-specific quality-of-life instrument.

Quality of Life Research

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Online Resource 6 Conditional logit results for Model 1 (unconstrained, unweighted) and Model 2 (monotonicity imposed^a, unweighted and weighted) (estimated coefficients and robust standard errors (SE)), based on data from respondents who completed at least one choice pair in the discrete choice experiment (n=2662)

Coefficient ^a (SE)		Unweighted Analyses	Weighted Analyses ^b	
Dimension	Level	Unconstrained	Unconstrained	Ordered
Duration	Linear (years)	0.4984 (0.0192)***	0.4771 (0.0341)***	0.4794 (0.0338)***
Duration x Physical Functioning	Level 2	-0.052 (0.0068)***	-0.0490 (0.0101)***	-0.0491 (0.0101)***
	Level 3	-0.079 (0.0074)***	-0.0644 (0.0101)***	-0.0645 (0.0101)***
	Level 4	-0.1333 (0.007)***	-0.1276 (0.0100)***	-0.1275 (0.0100)***
Duration x Role Functioning	Level 2	-0.0234 (0.0055)***	-0.0209 (0.0078)**	-0.0202 (0.0079)*
	Level 3	-0.0650 (0.0059)***	-0.0622 (0.0079)***	-0.0618 (0.0080)***
	Level 4	-0.0817 (0.0054)***	-0.0774 (0.0069)***	-0.0769 (0.0070)***
Duration x Social Functioning	Level 2	-0.0126 (0.0054)*	-0.0051 (0.0078)	-0.0052 (0.0078)
	Level 3	-0.0435 (0.0057)***	-0.0431 (0.0087)***	-0.0438 (0.0086)***
	Level 4	-0.0575 (0.0053)***	-0.0586 (0.0085)***	-0.0587 (0.0085)***
Duration x Emotional Functioning	Level 2	-0.0123 (0.0052)*	-0.0078 (0.0072)	-0.0083 (0.0072)
	Level 3	-0.0178 (0.0058)**	-0.0088 (0.0081)	-0.0099 (0.0079)
	Level 4	-0.0362 (0.0051)***	-0.0373 (0.0073)***	-0.0375 (0.0073)***
Duration x Pain	Level 2	-0.0142 (0.0054)**	-0.0078 (0.0080)	-0.0083 (0.0080)
	Level 3	-0.0596 (0.0057)***	-0.0548 (0.0088)***	-0.0560 (0.0086)***
	Level 4	-0.0851 (0.0052)***	-0.0757 (0.0083)***	-0.0760 (0.0082)***
Duration x Fatigue	Level 2	-0.0153 (0.0051)**	-0.0251 (0.0079)**	-0.0254 (0.0079)**
	Level 3	-0.0379 (0.0054)***	-0.0341 (0.0084)***	-0.0350 (0.0083)***
	Level 4	-0.0416 (0.0050)***	-0.0365 (0.0074)***	-0.0371 (0.0074)***
Duration x Trouble Sleeping	Level 2	-0.0261 (0.0049)***	-0.0309 (0.0068)***	-0.0275 (0.0066)***
	Level 3	-0.0269 (0.0055)***	-0.0219 (0.0086)*	-0.0275 (0.0066)***
	Level 4	-0.0381 (0.0049)***	-0.0296 (0.0071)***	-0.0313 (0.0069)***
Duration x Appetite	Level 2	-0.0086 (0.0050)	-0.0084 (0.0067)	-0.0084 (0.0067)
	Level 3	-0.0348 (0.0054)***	-0.0343 (0.0071)***	-0.0347 (0.0071)***
	Level 4	-0.0383 (0.0050)***	-0.0363 (0.0072)***	-0.0364 (0.0072)***
Duration x Nausea	Level 2	-0.0260 (0.0051)***	-0.0167 (0.0072)*	-0.0164 (0.0072)*
	Level 3	-0.0507 (0.0056)***	-0.0455 (0.0079)***	-0.0455 (0.0079)***
	Level 4	-0.0639 (0.0050)***	-0.0594 (0.0078)***	-0.0595 (0.0078)***
Duration x Bowel Problems	Level 2	-0.0126 (0.0051)*	-0.0218 (0.0082)**	-0.0218 (0.0082)**
	Level 3	-0.0226 (0.0055)***	-0.0345 (0.0091)***	-0.0344 (0.0091)***
	Level 4	-0.0394 (0.0049)***	-0.0450 (0.0078)***	-0.0449 (0.0078)***
Pseudo R ²		0.1194	0.1175	0.1175
Log Pseudo-likelihood		-24397	-27908	-27910
Akaike information criterion (AIC)		48857	55878	55880
Bayesian information criterion (BIC)		49145	56166	56158

a. The coefficient for each level of each QOL domain was estimated as the interaction of that level with duration. Levels combined to ensure monotonicity within each dimension are noted in italics

Levels of statistical significance: ***0.1%; **1%; *5%.

b. Analyses were weighted for four variables simultaneously using raking: income, education, health status (EQ-5D), mental health (Kessler 6).