

Australian utility weights for the EORTC QLU-C10D, a multi-attribute utility instrument derived from the cancer-specific quality of life questionnaire, EORTC QLQ-C30

Pharmacoeconomics

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Online Resource 2

Appendix 2: Mixed logit (Model 3)

		Model 3	
Mean		Mean (Robust SE)	SD (Robust SE)
Duration	Linear	1.247 (0.038)***	0.636 (0.020)***
Physical Functioning x Duration ^a	2	-0.137 (0.014)***	0.070 (0.024)***
	3	-0.171 (0.015)***	0.076 (0.025)***
	4	-0.230 (0.014)***	0.196 (0.015)***
Role Functioning x Duration ^a	2	-0.047 (0.013)***	0.116 (0.027)***
	3	-0.110 (0.013)***	0.071 (0.021)***
	4	-0.148 (0.012)***	0.119 (0.018)***
Social Functioning x Duration ^a	2	0.008 (0.013)	0.115 (0.022)***
	3	-0.090 (0.013)***	0.106 (0.022)***
	4	-0.131 (0.012)***	0.142 (0.020)***
Emotional Functioning x Duration ^a	2	0.001 (0.013)	0.083 (0.03)***
	3	-0.083 (0.013)***	0.086 (0.032)***
	4	-0.176 (0.013)***	0.190 (0.017)***
Pain x Duration ^a	2	-0.025 (0.013)*	0.155 (0.022)***
	3	-0.125 (0.013)***	0.060 (0.021)***
	4	-0.178 (0.013)***	0.197 (0.016)***
Fatigue x Duration ^a	2	0.003 (0.012)	0.130 (0.019)***
	3	-0.019 (0.013)	0.073 (0.02)***
	4	-0.049 (0.011)***	0.039 (0.046)
Sleep x Duration ^a	2	-0.002 (0.012)	0.178 (0.018)***
	3	-0.024 (0.013)*	0.047 (0.037)
	4	-0.027 (0.012)**	0.131 (0.019)***
Appetite x Duration ^a	2	-0.004 (0.012)	0.101 (0.029)***
	3	-0.053 (0.013)***	0.094 (0.026)***
	4	-0.042 (0.012)***	0.104 (0.021)***
Nausea x Duration ^a	2	-0.032 (0.012)***	0.109 (0.021)***
	3	-0.074 (0.013)***	0.127 (0.019)***
	4	-0.132 (0.012)***	0.127 (0.02)***
Bowel Problems x Duration ^a	2	-0.023 (0.011)**	0.040 (0.044)
	3	-0.082 (0.012)***	0.046 (0.031)
	4	-0.114 (0.012)***	0.184 (0.019)***
Log-likelihood		-14310	
Parameters		62	
AIC		28743	
BIC		29301	

a. The coefficient for each level of each QOL domain was estimated as the interaction of that level with duration.