

Supplemental Table 1: Summary of Linear Mixed Model Estimated Means and Change from Baseline for EORTC QLQ-30

Outcome Measure	Model Marginal Means		Change from Baseline			
	Study Month	Estimated Mean (SE)	p-value <sup>a</sup>	Coefficient	--95% Confidence Interval--	p-value <sup>b</sup>
<i>EORTC QLQ 30</i>						
<i>Global Health</i>						
Global Health	Baseline	64.3 (2.9)	0.001	---		
	Month 1	65.3 (3.0)		1.0	(-5.8; 7.8)	0.78
	Month 2	67.3 (3.3)		2.9	(-4.3; 10.1)	0.42
	Month 3	68.4 (3.4)		4.0	(-3.3; 11.4)	0.28
	Month 4	78.2 (3.2)		13.8	(6.8; 20.8)	<0.001
<i>Functional Scales</i>						
Physical Function	Baseline	87.1 (2.1)	0.049	---		
	Month 1	87.5 (2.2)		0.4	(-4.2; 4.9)	0.87
	Month 2	91.1 (2.3)		4.0	(-0.9; 8.8)	0.11
	Month 3	93.6 (2.4)		6.5	(1.5; 11.5)	0.011
	Month 4	91.4 (2.3)		4.3	(-0.4; 9.0)	0.074
Role Functioning	Baseline	80.0 (3.8)	0.214	---		
	Month 1	76.7 (4.0)		-3.2	(-11.8; 5.3)	0.46
	Month 2	79.5 (4.4)		-0.4	(-9.4; 8.6)	0.93
	Month 3	84.4 (4.4)		4.4	(-4.9; 13.8)	0.35
	Month 4	86.6 (4.1)		6.6	(-2.2; 15.4)	0.14
Emotional Functioning	Baseline	65.5 (2.7)	<0.001	---		
	Month 1	70.7 (2.9)		5.2	(-0.8; 11.2)	0.087
	Month 2	72.5 (3.1)		7.0	(0.6; 13.3)	0.031
	Month 3	76.3 (3.2)		10.8	(4.3; 17.3)	0.001
	Month 4	78.5 (3.0)		13.0	(6.8; 19.2)	<0.001
Cognitive Functioning	Baseline	69.1 (3.6)	<0.0001	---		
	Month 1	74.5 (3.7)		5.4	(-0.01; 10.9)	0.051
	Month 2	80.4 (3.8)		11.3	(5.5; 17.1)	<0.001
	Month 3	78.8 (3.9)		9.7	(3.7; 15.6)	0.002
	Month 4	82.0 (3.7)		12.9	(7.2; 18.6)	<0.001
Social Functioning	Baseline	75.0 (3.7)	0.011	---		
	Month 1	74.8 (3.9)		-0.2	(-9.0; 8.7)	0.97
	Month 2	80.0 (4.2)		4.7	(-4.7; 14.1)	0.33
	Month 3	85.4 (4.4)		10.4	(0.6; 20.2)	0.038
	Month 4	88.5 (4.1)		13.5	(4.4; 22.7)	0.004
<i>Symptom Scales</i>						
Fatigue	Baseline	37.6 (3.3)	0.003	---		
	Month 1	34.6 (3.5)		-3.0	(-9.9; 3.9)	0.40
	Month 2	27.4 (3.7)		-10.2	(-17.6; -2.9)	0.007
	Month 3	27.1 (3.8)		-10.5	(-18.0; -2.0)	0.007
	Month 4	25.6 (3.6)		-12.1	(-19.2; -4.9)	0.001

Nausea and vomiting	Baseline	7.5 (2.1)	0.445	---		
	Month 1	3.6 (2.2)		-3.9	(-8.0; 0.2)	0.065
	Month 2	5.5 (2.3)		-2.0	(-6.3; 2.4)	0.38
	Month 3	5.7 (2.4)		-1.8	(-6.3; 2.7)	0.44
	Month 4	6.6 (2.3)		-0.9	(-5.2; 3.4)	0.68
Pain	Baseline	21.5 (3.6)	0.335	---		
	Month 1	22.8 (3.7)		1.3	(-6.7; 9.3)	0.76
	Month 2	22.5 (4.0)		0.9	(-7.6; 9.4)	0.83
	Month 3	18.9 (4.1)		-2.7	(-11.4; 6.1)	0.55
	Month 4	14.8 (3.9)		-6.7	(-15.0; 1.6)	0.11
Dyspnea	Baseline	14.1 (2.8)	0.110	---		
	Month 1	12.3 (2.9)		-1.7	(-8.8; 5.3)	0.63
	Month 2	6.2 (3.2)		-7.9	(-15.4; -0.4)	0.040
	Month 3	5.7 (3.3)		-8.3	(-16.0; -0.6)	0.034
	Month 4	8.0 (3.1)		-6.0	(-13.3; 1.3)	0.11
Insomnia	Baseline	43.7 (4.1)	0.059	---		
	Month 1	34.5 (4.3)		-9.2	(-18.2; -0.2)	0.046
	Month 2	35.9 (4.6)		-7.8	(-17.5; 1.8)	0.11
	Month 3	35.2 (4.8)		-8.5	(-18.5; 1.4)	0.093
	Month 4	29.7 (4.5)		-14.1	(-23.5; -4.6)	0.003
Appetite Loss	Baseline	9.5 (3.2)	0.716	---		
	Month 1	7.6 (3.4)		-2.0	(-8.4; 4.4)	0.55
	Month 2	6.8 (3.6)		-2.7	(-9.5; 4.1)	0.43
	Month 3	4.5 (3.7)		-5.1	(-12.1; 1.9)	0.16
	Month 4	7.8 (3.5)		-1.8	(-8.4; 4.9)	0.60
Constipation	Baseline	15.6 (3.3)	0.334	---		
	Month 1	17.8 (3.5)		2.2	(-5.6; 10.0)	0.58
	Month 2	10.3 (3.8)		-5.3	(-13.6; 3.0)	0.21
	Month 3	10.9 (3.9)		-4.8	(-13.3; 3.8)	0.27
	Month 4	12.3 (3.7)		-3.3	(-11.4; 4.8)	0.43
Diarrhea	Baseline	7.6 (2.4)	0.683	---		
	Month 1	4.6 (2.5)		-3.1	(-9.7; 3.6)	0.37
	Month 2	8.3 (2.7)		0.6	(-6.3; 7.6)	0.86
	Month 3	6.0 (2.8)		-1.7	(-8.9; 5.5)	0.64
	Month 4	3.8 (2.6)		-3.9	(-10.7; 3.0)	0.27
Financial Difficulties	Baseline	31.8 (5.7)	0.224	---		
	Month 1	30.8 (5.9)		-0.9	(-10.9; 9.0)	0.85
	Month 2	23.7 (6.2)		-8.1	(-18.7; 2.5)	0.14
	Month 3	36.5 (6.3)		4.8	(-6.2; 15.7)	0.39
	Month 4	27.0 (6.1)		-4.8	(-15.2; 5.6)	0.36

<sup>a</sup> Overall test p-value is the model p-value for these models, which has month as the predictor and is the global test of whether the outcome changes over time

<sup>b</sup> p-value for intercept (baseline) tested intercept = 0 (p<0.05), evidence that average of measure at baseline was not =0. p-value of coefficients for month 1-4 tested change from baseline =0 (SE) standard error