

Online Resource 3

MCS Parameter Estimates and Model Tests

Fixed Effects	Est.	SE	P-value	CI
Intercept (CONSTANT)	51.58	3.40	<0.001	(44.91, 58.25)
Time (Observations at Baseline, 6, 12, & 18 mos.)	0.62	0.47	0.190	(-0.31, 1.54)
Time^2	-0.33	0.14	0.018	(-0.61, -0.06)
Treatment Group				
Control	Base			
Chemotherapy followed by AI	-0.60	0.86	0.486	(-2.30, 1.09)
AI Only	-1.55	0.77	0.044	(-3.05, -0.04)
Group * Time Interaction				
Chemotherapy followed by AI	0.73	0.40	0.066	(-0.05, 1.51)
AI Only	1.24	0.34	0.001	(0.57, 1.90)
Age	0.14	0.05	0.003	(0.05, 0.23)
Education	0.02	0.09	0.827	(-0.15, 0.19)
Employed (Yes)	0.84	0.60	0.162	(-0.34, 2.02)
Comorbidities	0.03	0.17	0.878	(-0.31, 0.36)
BDI-II Total Score	-0.56	0.04	<0.001	(-0.65, -0.48)
BPI Mean Severity Score	0.23	0.09	0.015	(0.05, 0.42)
PAOFI Total Score	-0.11	0.02	<0.001	(-0.14, -0.08)
POMS SF Anxiety Subscale Score	-0.50	0.05	<0.001	(-0.59, -0.41)
POMS-SF Fatigue Subscale Score	-0.21	0.04	<0.001	(-0.30, -0.13)
Random Effects	Variance	SE	CI	
By Participant ID (Variance Unstructured)				
Var(Time)	2.09	0.66	(1.13, 3.86)	
Var(CONSTANT)	17.17	2.78	(12.50, 23.59)	
Cov(Time-CONSTANT)	-2.30	1.11	(-4.47, -0.12)	
Var(RESIDUAL)	22.07	1.34	(19.59, 24.86)	
Model Tests	ICC	LR Test	AIC	BIC
	0.44	166.73 (p<.001)	7872.94	7975.25

Note. The LR test is in comparison to the linear model

Bold=p<.05