

Supplemental Table 4. Group and Child Age Main- and Interaction-Effects from General Linear Models Adjusted for Propensity Scores							
Tests of Between-Subjects Effects							
	Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	PROMIS Physical	6633.980 ^a	8	829.25	10.47	0.000	0.070
	PROMIS Mental	3686.483 ^b	8	460.81	5.72	0.000	0.040
	NeuroQOL Pos.Affect	1339.170 ^c	8	167.40	3.97	0.000	0.028
	Ryff Envr. Mastery	2054.050 ^d	8	256.76	5.94	0.000	0.041
	Resilience	20.207 ^e	8	2.53	2.60	0.008	0.018
	Stress	14486.456 ^f	8	1810.81	10.08	0.000	0.068
	Difficulty paying bills	79.327 ^g	8	9.92	8.05	0.000	0.055
Intercept	PROMIS Physical	235973.80	1	235973.80	2980.60	0.000	0.728
	PROMIS Mental	259383.09	1	259383.09	3222.15	0.000	0.743
	NeuroQOL Pos.Affect	306569.73	1	306569.73	7266.28	0.000	0.867
	Ryff Envr. Mastery	89286.66	1	89286.66	2067.14	0.000	0.650
	Resilience	10.33	1	10.33	10.64	0.001	0.009
	Stress	171559.15	1	171559.15	955.20	0.000	0.462
	Difficulty paying bills	585.63	1	585.63	475.19	0.000	0.299
	PROMIS Physical	242.52	1	242.52	3.06	0.080	0.003
	PROMIS Mental	32.53	1	32.53	0.40	0.525	0.000
	NeuroQOL Pos.Affect	12.43	1	12.43	0.29	0.587	0.000
	Ryff Envr. Mastery	129.04	1	129.04	2.99	0.084	0.003
	Resilience	12.01	1	12.01	12.37	0.000	0.011
	Stress	3114.24	1	3114.24	17.34	0.000	0.015
	Difficulty paying bills	17.29	1	17.29	14.03	0.000	0.012
Patient Age Category	PROMIS Physical	1700.74	3	566.91	7.16	0.000	0.019
	PROMIS Mental	559.38	3	186.46	2.32	0.074	0.006
	NeuroQOL Pos.Affect	275.91	3	91.97	2.18	0.089	0.006
	Ryff Envr. Mastery	302.68	3	100.89	2.34	0.072	0.006
	Resilience	2.93	3	0.98	1.01	0.388	0.003
	Stress	2723.11	3	907.70	5.05	0.002	0.013
	Difficulty paying bills	11.81	3	3.94	3.19	0.023	0.009
	PROMIS Physical	613.68	1	613.68	7.75	0.005	0.007
	PROMIS Mental	387.40	1	387.40	4.81	0.028	0.004
	NeuroQOL Pos.Affect	523.30	1	523.30	12.40	0.000	0.011
Group	Ryff Envr. Mastery	260.92	1	260.92	6.04	0.014	0.005

Resilience	3.11	1	3.11	3.21	0.074	0.003
Stress	772.34	1	772.34	4.30	0.038	0.004
Difficulty paying bills	43.49	1	43.49	35.29	0.000	0.031

Group *	PROMIS	3365.57	3	1121.86	14.17	0.000	0.037
	Physical						
Patient Age	PROMIS Mental	2675.23	3	891.74	11.08	0.000	0.029
Category	NeuroQOL	280.44	3	93.48	2.22	0.085	0.006
	Pos.Affect						
	Ryff Envr.	1566.65	3	522.22	12.09	0.000	0.032
	Mastery						
	Resilience	5.97	3	1.99	2.05	0.105	0.005
	Stress	9648.30	3	3216.10	17.91	0.000	0.046
	Difficulty	28.27	3	9.42	7.65	0.000	0.020
	paying bills						
Error	PROMIS	88116.10	1113	79.17			
	Physical						
	PROMIS Mental	89596.62	1113	80.50			
	NeuroQOL	46958.32	1113	42.19			
	Pos.Affect						
	Ryff Envr.	48074.21	1113	43.19			
	Mastery						
	Resilience	1080.16	1113	0.97			
	Stress	199901.74	1113	179.61			
	Difficulty	1371.67	1113	1.23			
	paying bills						
Total	PROMIS	2822321.91	1122				
	Physical						
	PROMIS Mental	2864396.07	1122				
	NeuroQOL	3357230.93	1122				
	Pos.Affect						
	Ryff Envr.	1095044.36	1122				
	Mastery						
	Resilience	1100.53	1122				
	Stress	1651754.11	1122				
	Difficulty	5943.00	1122				
	paying bills						
Corrected Total	PROMIS	94750.08	1121				
	Physical						
	PROMIS Mental	93283.10	1121				
	NeuroQOL	48297.49	1121				
	Pos.Affect						
	Ryff Envr.	50128.26	1121				
	Mastery						
	Resilience	1100.36	1121				
	Stress	214388.20	1121				
	Difficulty	1451.00	1121				
	paying bills						

- a. R Squared = .070 (Adjusted R Squared = .063)
b. R Squared = .040 (Adjusted R Squared = .033)
c. R Squared = .028 (Adjusted R Squared = .021)
d. R Squared = .041 (Adjusted R Squared = .034)
e. R Squared = .018 (Adjusted R Squared = .011)
f. R Squared = .068 (Adjusted R Squared = .061)
g. R Squared = .055 (Adjusted R Squared = .048)

Parameter Estimates

Dependent Variable		B	Std. Error	t	Sig.	95% Confidence Interval		Partial Eta
						Lower Bound	Upper Bound	
PROMIS Physical	Intercept	46.992	1.102	42.639	0.000	44.830	49.155	0.620
	Propensity Score	3.028	1.730	1.750	0.080	-0.367	6.422	0.003
	Child Age 18+	0.327	1.072	0.305	0.760	-1.776	2.430	0.000
	Child Age 13-17	1.201	1.092	1.100	0.272	-0.942	3.343	0.001
	Child Age 8-12	-0.893	0.998	-0.895	0.371	-2.850	1.065	0.001
	Child Age 2-7	0 ^a						
	DMD Caregiver Group	6.000	1.072	5.599	0.000	3.897	8.102	0.027
	Comparison Caregiver Group	0 ^a						
	DMD Caregiver Group * Child Age 18+	-6.447	1.484	-4.343	0.000	-9.360	-3.535	0.017
	DMD Caregiver Group * Child Age 13-17	-8.998	1.548	-5.811	0.000	-12.035	-5.960	0.029
	DMD Caregiver Group * Child Age 8-12	-2.076	1.486	-1.397	0.163	-4.992	0.840	0.002
	DMD Caregiver Group * Child Age 2-7	0 ^a						
	Comparison Caregiver Group * Child Age 18+	0 ^a						
	Comparison Caregiver Group * Child Age 13-17	0 ^a						
	Comparison Caregiver Group * Child Age 8-12	0 ^a						
	Comparison Caregiver Group * Child Age 2-7	0 ^a						
PROMIS Mental	Intercept	49.956	1.111	44.952	0.000	47.775	52.137	0.645
	Propensity Score	-1.109	1.745	-0.636	0.525	-4.532	2.314	0.000
	Child Age 18+	0.490	1.081	0.453	0.650	-1.631	2.611	0.000
	Child Age 13-17	2.759	1.101	2.505	0.012	0.598	4.919	0.006
	Child Age 8-12	0.637	1.006	0.633	0.527	-1.337	2.611	0.000
	Child Age 2-7	0 ^a						

DMD Caregiver Group	3.138	1.080	2.904	0.004	1.018	5.258	0.008
Comparison Caregiver Group	0 ^a						
DMD Caregiver Group * Child Age 18+	-4.491	1.497	-3.001	0.003	-7.428	-1.554	0.008
DMD Caregiver Group * Child Age 13-17	-8.991	1.561	-5.759	0.000	-12.055	-5.928	0.029
DMD Caregiver Group * Child Age 8-12	-4.218	1.499	-2.814	0.005	-7.159	-1.277	0.007
DMD Caregiver Group * Child Age 2-7	0 ^a						
Comparison Caregiver Group * Child Age 18+	0 ^a						
Comparison Caregiver Group * Child Age 13-17	0 ^a						
Comparison Caregiver Group * Child Age 8-12	0 ^a						
Comparison Caregiver Group * Child Age 2-7	0 ^a						

NeuroQOL Pos.Affect	Intercept	54.937	0.805	68.283	0.000	53.358	56.515	0.807
	Propensity Score	-0.685	1.263	-0.543	0.587	-3.163	1.793	0.000
	Child Age 18+	0.500	0.782	0.639	0.523	-1.035	2.036	0.000
	Child Age 13-17	0.652	0.797	0.818	0.414	-0.912	2.216	0.001
	Child Age 8-12	0.760	0.728	1.044	0.297	-0.669	2.189	0.001
	Child Age 2-7	0 ^a						
	DMD Caregiver Group	-0.492	0.782	-0.628	0.530	-2.026	1.043	0.000
	Comparison Caregiver Group	0 ^a						
	DMD Caregiver Group * Child Age 18+	-2.409	1.084	-2.223	0.026	-4.535	-0.283	0.004
	DMD Caregiver Group * Child Age 13-17	-1.460	1.130	-1.292	0.197	-3.678	0.758	0.001
	DMD Caregiver Group * Child Age 8-12	-0.148	1.085	-0.136	0.892	-2.277	1.981	0.000
	DMD Caregiver Group * Child Age 2-7	0 ^a						
	Comparison Caregiver Group * Child Age 18+	0 ^a						
	Comparison Caregiver Group * Child Age 13-17	0 ^a						
	Comparison Caregiver Group * Child Age 8-12	0 ^a						
	Comparison Caregiver Group * Child Age 2-7	0 ^a						
Ryff Envr. Mastery	Intercept	28.648	0.814	35.193	0.000	27.051	30.246	0.527
	Propensity Score	2.209	1.278	1.728	0.084	-0.299	4.716	0.003
	Child Age 18+	2.791	0.792	3.525	0.000	1.238	4.344	0.011
	Child Age 13-17	1.887	0.807	2.340	0.019	0.304	3.469	0.005
	Child Age 8-12	0.849	0.737	1.152	0.250	-0.597	2.295	0.001
	Child Age 2-7	0 ^a						
	DMD Caregiver Group	2.678	0.791	3.384	0.001	1.125	4.231	0.010

Resilience	Comparison Caregiver Group	0 ^a						
	DMD Caregiver Group * Child Age 18+	-5.464	1.096	-4.983	0.000	-7.615	-3.312	0.022
	DMD Caregiver Group * Child Age 13-17	-6.112	1.144	-5.344	0.000	-8.356	-3.868	0.025
	DMD Caregiver Group * Child Age 8-12	-3.361	1.098	-3.061	0.002	-5.515	-1.207	0.008
	DMD Caregiver Group * Child Age 2-7	0 ^a						
	Comparison Caregiver Group * Child Age 18+	0 ^a						
	Comparison Caregiver Group * Child Age 13-17	0 ^a						
	Comparison Caregiver Group * Child Age 8-12	0 ^a						
	Comparison Caregiver Group * Child Age 2-7	0 ^a						
	Intercept	-0.286	0.122	-2.342	0.019	-0.525	-0.046	0.005
	Propensity Score	0.674	0.192	3.517	0.000	0.298	1.050	0.011
	Child Age 18+	0.008	0.119	0.069	0.945	-0.225	0.241	0.000
	Child Age 13-17	0.068	0.121	0.566	0.572	-0.169	0.306	0.000
	Child Age 8-12	0.028	0.110	0.254	0.800	-0.189	0.245	0.000
	Child Age 2-7	0 ^a						
	DMD Caregiver Group	-0.068	0.119	-0.571	0.568	-0.300	0.165	0.000
	Comparison Caregiver Group	0 ^a						
	DMD Caregiver Group * Child Age 18+	0.108	0.164	0.659	0.510	-0.214	0.431	0.000
	DMD Caregiver Group * Child Age 13-17	-0.299	0.171	-1.747	0.081	-0.636	0.037	0.003

DMD Caregiver Group * Child Age 8-12	0.000	0.165	0.003	0.998	-0.322	0.323	0.000
DMD Caregiver Group * Child Age 2-7	0 ^a						
Comparison Caregiver Group * Child Age 18+	0 ^a						
Comparison Caregiver Group * Child Age 13-17	0 ^a						
Comparison Caregiver Group * Child Age 8-12	0 ^a						
Comparison Caregiver Group * Child Age 2-7	0 ^a						

Stress	Intercept	43.564	1.660	26.244	0.000	40.307	46.821	0.382
	Propensity Score	-10.851	2.606	-4.164	0.000	-15.963	-5.738	0.015
	Child Age 18+	-7.513	1.614	-4.654	0.000	-10.680	-4.345	0.019
	Child Age 13-17	-5.636	1.645	-3.427	0.001	-8.863	-2.409	0.010
	Child Age 8-12	-1.162	1.503	-0.773	0.439	-4.110	1.786	0.001
	Child Age 2-7	0 ^a						
	DMD Caregiver Group	-5.700	1.614	-3.532	0.000	-8.867	-2.534	0.011
	Comparison Caregiver Group	0 ^a						
	DMD Caregiver Group * Child Age 18+	10.575	2.236	4.730	0.000	6.188	14.962	0.020
	DMD Caregiver Group * Child Age 13-17	15.597	2.332	6.688	0.000	11.021	20.172	0.039
	DMD Caregiver Group * Child Age 8-12	3.897	2.239	1.741	0.082	-0.496	8.289	0.003
	DMD Caregiver Group * Child Age 2-7	0 ^a						
	Comparison Caregiver Group * Child Age 18+	0 ^a						
	Comparison Caregiver Group * Child Age 13-17	0 ^a						
	Comparison Caregiver Group * Child Age 8-12	0 ^a						
	Comparison Caregiver Group * Child Age 2-7	0 ^a						
Difficulty paying bills	Intercept	2.363	0.138	17.186	0.000	2.093	2.633	0.210
	Propensity Score	-0.809	0.216	-3.746	0.000	-1.232	-0.385	0.012
	Child Age 18+	-0.402	0.134	-3.003	0.003	-0.664	-0.139	0.008
	Child Age 13-17	-0.296	0.136	-2.171	0.030	-0.563	-0.028	0.004
	Child Age 8-12	-0.060	0.124	-0.486	0.627	-0.305	0.184	0.000
	Child Age 2-7	0 ^a						
	DMD Caregiver Group	0.015	0.134	0.113	0.910	-0.247	0.277	0.000

Comparison Caregiver Group	0 ^a							
DMD Caregiver Group * Child Age 18+	0.525	0.185	2.835	0.005	0.162	0.888	0.007	
DMD Caregiver Group * Child Age 13-17	0.881	0.193	4.563	0.000	0.502	1.260	0.018	
DMD Caregiver Group * Child Age 8-12	0.258	0.185	1.389	0.165	-0.106	0.621	0.002	
DMD Caregiver Group * Child Age 2-7	0 ^a							
Comparison Caregiver Group * Child Age 18+	0 ^a							
Comparison Caregiver Group * Child Age 13-17	0 ^a							
Comparison Caregiver Group * Child Age 8-12	0 ^a							
Comparison Caregiver Group * Child Age 2-7	0 ^a							

a. This parameter is set to zero because it is redundant.

Between-Subjects Factors

Parameter

Estimates

Dependent Variable: Hours Miss	Value Label	N				95% Confidence Interval		Partial
Parameter	B	Std. Error	t	Sig.		Lower Bound	Upper Bound	Eta
Intercept	-5.40	1.15	5.50	0.000		4.06	8.57	0.039
Propensity Score	-2.16	1.89	-2.85	0.004		-9.11	-1.68	0.011
Child Age 18+	-1.03	1.20	-1.80	0.072		-4.51	0.19	0.004
Child Age 13-17	-0.42	1.09	-0.95	0.341		-3.17	1.10	0.001
Child Age 8-12	0 ^a	1.00	-0.42	0.678		-2.38	1.55	0.000
Child Age 2-7	3.28							
DMD Caregiver Group	0 ^a	1.13	2.90	0.004		1.06	5.50	0.011
Comparison Caregiver Group	-0.77							

DMD Caregiver Group * Child Age 18+	-2.37	1.65	-0.47	0.642	-4.01	2.47	0.000
DMD Caregiver Group * Child Age 13-17	-2.25	1.76	-1.35	0.178	-5.83	1.08	0.002
DMD Caregiver Group * Child Age 8-12	0 ^a	1.62	-1.39	0.166	-5.43	0.93	0.003
DMD Caregiver Group * Child Age 2-7	0 ^a						
Comparison Caregiver Group * Child Age 18+	0 ^a						
Comparison Caregiver Group * Child Age 8-12	0 ^a						
Comparison Caregiver Group * Child Age 2-7	0 ^a						

a. This parameter is set to zero because it is redundant.