

Results Tables

Warning: Removed 3 rows containing non-finite values (`stat_boxplot()`).

Change in PROMIS Dimension T-scores from Pre-test to Post-test

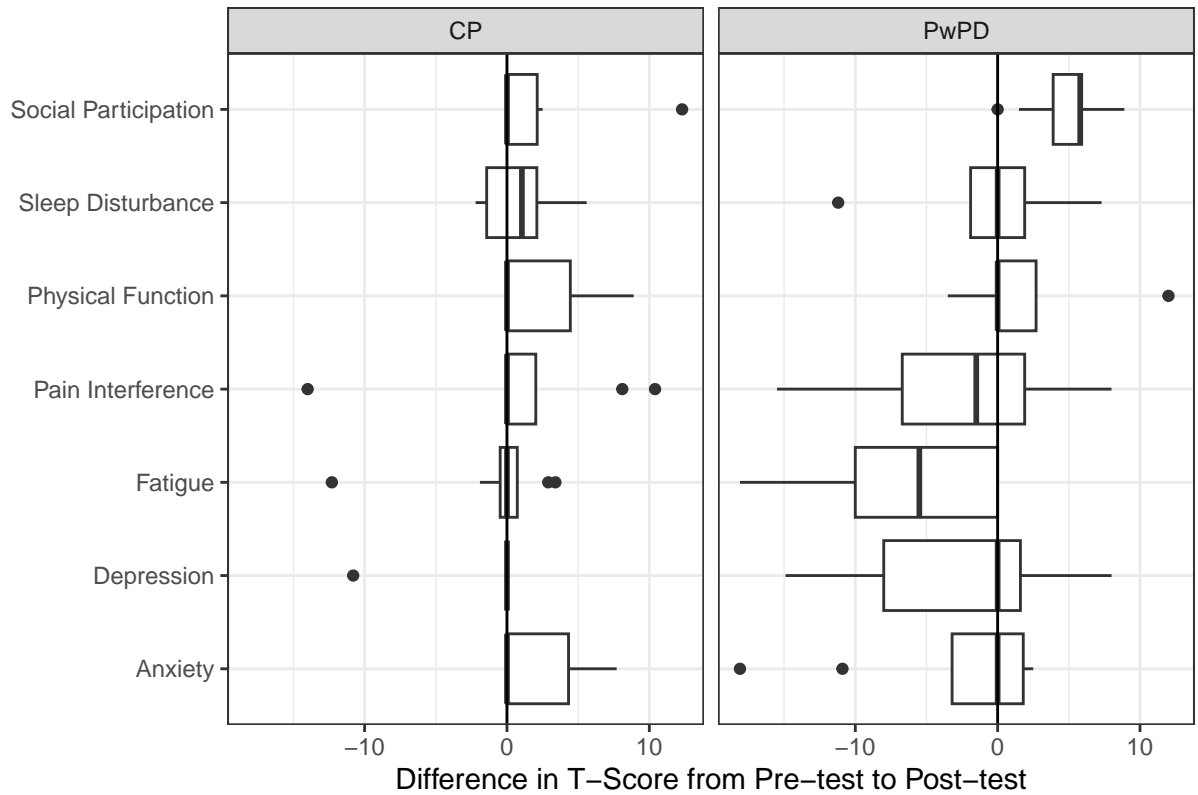


Table 1: Participant Demographics and Parkinson’s Disease Patient Clinical Measures

	Mean (Std.Dev.)
Care Partner	
Female (n, %)	5 (62.5%)
Male (n, %)	3 (37.5%)
Age (years)	68.5 (7.39)
Education (years)	14.57 (2.51)
Persons with Parkinson’s Disease	
Female (n, %)	4 (44.44%)
Male (n, %)	5 (55.56%)
Age (years)	70.22 (5.8)
Education (years)	14.56 (1.94)
Age of PD Onset (years)	68.78 (5.91)
Hoen & Yahr Score	2.22 (0.36)
Symptom Duration (years)	1.54 (1)
Carbidopa-Levidopa Dose (mg/day)	163.89 (71.93) - 655.56 (287.71)

Table 2: Score Interpretation of Psychometric Instruments Administered

Instrument	Score Interpretation	CP		PwPD	
		Pre-test	Post-test	Pre-test	Post-test
GDS-SF	Normal	8	8	6	7
	Mild Depression	0	0	2	2
	Severe Depression	0	0	1	0
GAD-7	Minimal Anxiety	7	8	6	5
	Mild Anxiety	1	0	2	4
	Moderate Anxiety	0	0	1	0
MoCA	Normal	4	5	4	5
	Impaired	4	3	5	4
BRS	High Resilience	2	3	3	2
	Normal Resilience	6	5	6	6
	Low Resilience	0	0	0	1
RDAS	Non-Distress	7	7	8	8

Table 3: Intervention Measures for Patients with Parkinson’s Disease

Instrument	Dimension	Mean Difference	Std.Err.	95% CI	p-value	t	df
UPDRS-III		-7.38	1.28	(-10.4, -4.35)	0.00	-5.76	7
FGA		3.50	0.82	(1.55, 5.45)	0.00	4.25	7
10-m Gait Speed		0.27	0.06	(0.14, 0.4)	0.00	4.80	7
PDQ-39	Mobility	-13.61	4.49	(-23.96, -3.26)	0.02	-3.03	8
	Activities of Daily Living	-1.39	3.26	(-8.9, 6.12)	0.68	-0.43	8
	Emotional Well Being	-8.33	6.86	(-24.57, 7.9)	0.26	-1.21	7
	Stigma	3.47	5.22	(-8.56, 15.51)	0.52	0.67	8
	Social Support	-5.56	2.78	(-11.96, 0.85)	0.08	-2.00	8
	Cognition	-7.64	4.51	(-18.05, 2.77)	0.13	-1.69	8
	Communication	-4.63	5.57	(-17.49, 8.23)	0.43	-0.83	8
	Bodily Discomfort	-1.85	5.52	(-14.57, 10.87)	0.75	-0.34	8
	Summary Index	-4.71	3.93	(-14.02, 4.59)	0.27	-1.20	7
PROMIS-29	Physical Function	1.54	1.44	(-1.78, 4.87)	0.31	1.07	8
	Anxiety	-2.89	2.34	(-8.29, 2.51)	0.25	-1.23	8
	Depression	-2.19	2.29	(-7.46, 3.08)	0.37	-0.96	8
	Fatigue	-5.99	2.12	(-10.88, -1.1)	0.02	-2.83	8
	Sleep Disturbance	-0.02	1.69	(-3.93, 3.89)	0.99	-0.01	8
	Social Participation	4.69	0.90	(2.62, 6.76)	0.00	5.21	8
	Pain Interference	-3.12	2.56	(-9.02, 2.77)	0.26	-1.22	8
GDS-SF	Total Score GDS	-1.33	0.87	(-3.33, 0.66)	0.16	-1.54	8
GAD-7	Total Score GAD-7	0.22	1.78	(-3.88, 4.32)	0.90	0.12	8
MoCA	Orientation	-0.11	0.20	(-0.57, 0.35)	0.59	-0.55	8
	Delay Recall	0.44	0.63	(-1, 1.89)	0.50	0.71	8
	Abstraction	0.00	0.17	(-0.38, 0.38)	1.00	0.00	8
	Language	0.56	0.34	(-0.22, 1.33)	0.14	1.64	8
	Attention	-0.67	0.24	(-1.21, -0.12)	0.02	-2.83	8
	Naming	0.22	0.15	(-0.12, 0.56)	0.17	1.51	8
	Visuospatial/Executive	0.11	0.35	(-0.7, 0.92)	0.76	0.32	8
	Total Score MOCA	0.56	0.99	(-1.72, 2.83)	0.59	0.56	8
BRS	Total Score BRS	-0.04	0.18	(-0.45, 0.38)	0.84	-0.21	8
RDAS	Consensus	0.62	1.29	(-2.44, 3.69)	0.64	0.48	7
	Satisfaction	-0.12	0.35	(-0.95, 0.7)	0.73	-0.36	7
	Cohesion	0.50	0.57	(-0.84, 1.84)	0.41	0.88	7
HRV	Mean RR (ms):	10.96	11.18	(-16.39, 38.31)	0.36	0.98	6
	SDNN (ms):	3.85	1.72	(-0.36, 8.06)	0.07	2.24	6
	Mean HR (beats/min):	-1.34	1.03	(-3.87, 1.18)	0.24	-1.30	6
	RMSSD (ms):	5.94	2.26	(0.4, 11.48)	0.04	2.62	6
	pNNxx (%):	1.99	1.18	(-0.9, 4.88)	0.14	1.68	6

Table 4: Intervention Measures for Care Partners of Patients with Parkinson’s Disease

Instrument	Dimension	Mean Difference	Std.Err.	95% CI	p-value	t	df
PROMIS-29	Physical Function	2.54	1.64	(-1.47, 6.56)	0.17	1.55	6
	Anxiety	2.33	1.24	(-0.6, 5.25)	0.10	1.88	7
	Depression	-1.35	1.35	(-4.54, 1.84)	0.35	-1.00	7
	Fatigue	-0.99	1.73	(-5.07, 3.1)	0.59	-0.57	7
	Sleep Disturbance	0.95	1.20	(-2.14, 4.04)	0.46	0.79	5
	Social Participation	2.10	1.50	(-1.45, 5.65)	0.20	1.40	7
	Pain Interference	0.56	2.56	(-5.49, 6.62)	0.83	0.22	7
GDS-SF	Total Score GDS	-0.88	0.30	(-1.57, -0.18)	0.02	-2.97	7
GAD-7	Total Score GAD-7	-0.62	0.80	(-2.52, 1.27)	0.46	-0.78	7
MoCA	Orientation	0.00	0.00	(NaN, NaN)	0	0	7
	Delay Recall	-0.62	0.73	(-2.35, 1.1)	0.42	-0.86	7
	Abstraction	0.12	0.12	(-0.17, 0.42)	0.35	1.00	7
	Language	0.12	0.30	(-0.57, 0.82)	0.68	0.42	7
	Attention	0.50	0.38	(-0.39, 1.39)	0.23	1.32	7
	Naming	0.00	0.00	(NaN, NaN)	0	0	7
	Visuospatial/Executive	0.38	0.26	(-0.25, 1)	0.20	1.43	7
	Total Score MOCA	0.38	0.91	(-1.77, 2.52)	0.69	0.41	7
BRS	Total Score BRS	0.13	0.22	(-0.39, 0.64)	0.58	0.57	7
RDAS	Consensus	-0.57	0.78	(-2.49, 1.34)	0.49	-0.73	6
	Satisfaction	0.29	0.18	(-0.17, 0.74)	0.17	1.55	6
	Cohesion	0.86	0.96	(-1.5, 3.21)	0.41	0.89	6
HRV	Mean RR (ms):	8.71	9.84	(-15.38, 32.8)	0.41	0.88	6
	SDNN (ms):	1.09	0.75	(-0.75, 2.93)	0.20	1.45	6
	Mean HR (beats/min):	-0.95	0.92	(-3.2, 1.31)	0.34	-1.03	6
	RMSSD (ms):	1.85	0.76	(-0.02, 3.72)	0.05	2.42	6
	pNNxx (%):	0.87	0.41	(-0.13, 1.87)	0.08	2.12	6

Change in Heart Rate Variability Variables from Pre-test to Po

