

Supplementary Materials

Exploring relationships between state and trait anxiety and depression in patients with Parkinson's disease and controls: a cross-sectional analysis

Elisabeth C. DeMarco^{1,2,*}, Jason Longhurst^{2,3}, Leslie Hinyard^{1,2}

¹Department of Health & Clinical Outcomes Research, Saint Louis University School of Medicine, Salus Center, St. Louis, MO 63104, USA.

²Advanced HEAlth Data (AHEAD) Institute, Saint Louis University, St. Louis, MO 63104, USA.

³Department of Physical Therapy & Athletic Training, Doisy College of Health Sciences, Saint Louis University, St. Louis, MO 63104, USA.

***Correspondence to:** Dr. Elisabeth C. DeMarco, Department of Health & Clinical Outcomes Research, Saint Louis University School of Medicine, Salus Center, 4th Floor, 3545 Lafayette Ave, St. Louis, MO 63104, USA. E-mail: elisabeth.demarco@health.slu.edu

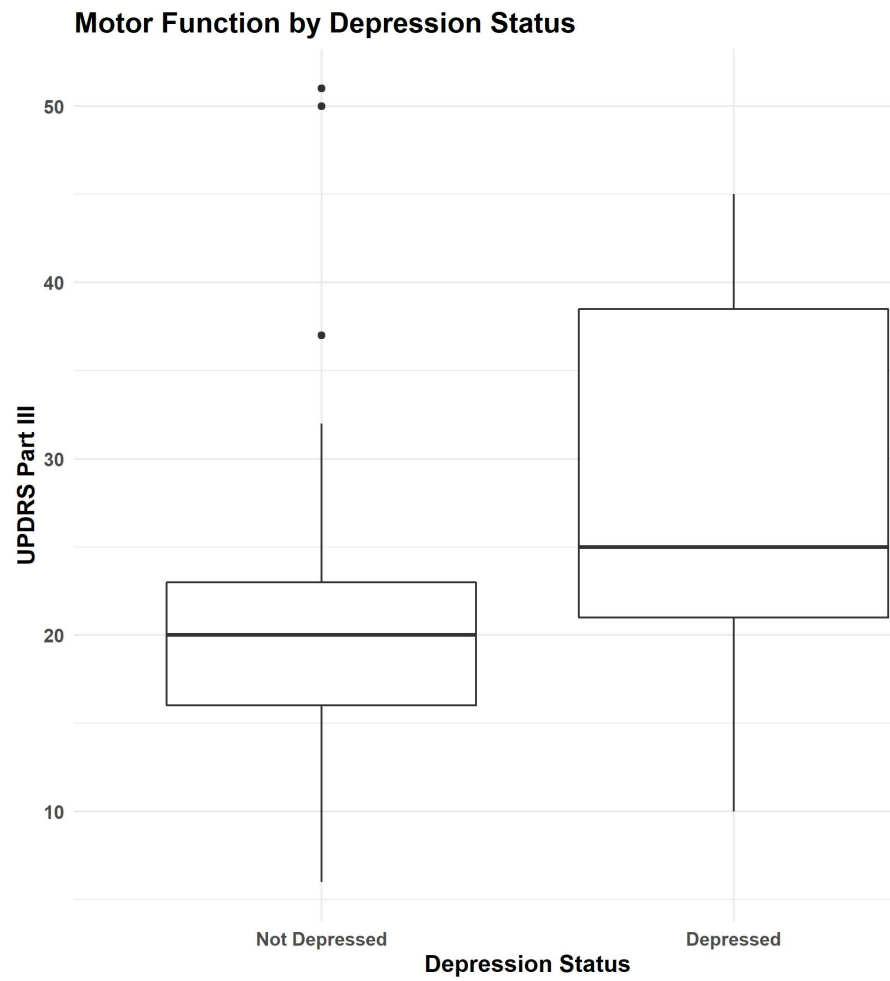
Supplementary Table 1. Mental health outcomes by PD status

	PD	Comparison	<i>P</i>
Anxiety (median [IQR])			
<i>n</i>	41	49	
State	31.0 [23.0, 38.0]	27.0 [22.0, 32.5]	0.187
Trait	31.0 [25.0, 41.0]	28.0 [24.5, 34.5]	0.157
Depression Status (n (%))			0.098
<i>n</i>	42	54	
Not Depressed	28 (66.7)	45 (83.3)	
Depressed	14 (33.3)	9 (16.7)	

Supplementary Table 2. Spearman Rho Correlation Coefficient for Anxiety and Motor Symptoms (UPDRS Part III)

	Overall	Non-depressed PD	Depressed PD
<i>n</i> [‡]	42	28	14
State Anxiety [Rho (<i>P</i>-value)]	0.195 (0.248)	0.110 (0.599)	-0.014 (0.965)
Trait Anxiety [Rho (<i>P</i>-value)]	0.246 (0.142)	-0.034 (0.872)	0.145 (0.654)

[‡]STAI scores were missing for 1 PD participant.



Supplementary Figure 1. Motor function by Depression Status among PD participants. Only those with a depression score were included. UPDRS Part III measured during “on” state ($P = 0.0639$).