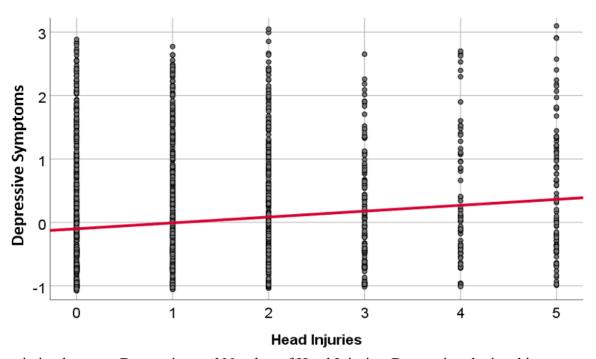
Data Supplement for Jones et al., Cumulative Effect of Head Injuries on Nonmotor Outcomes in Parkinson's Disease, J Neuropsychiatry Clin Neurosci (doi: 10.1176/appi.neuropsych.21100257).

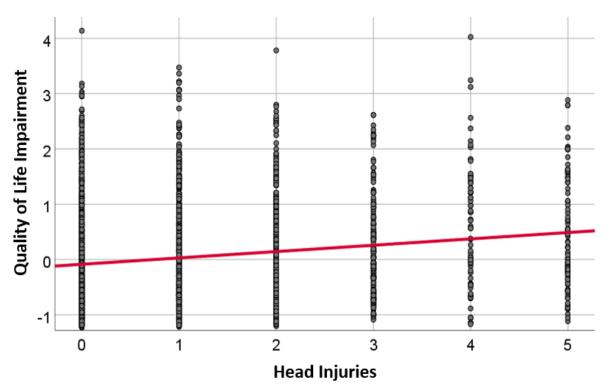
## **Supplemental Figure 1.**



Association between Depression and Number of Head Injuries. Depression depicted in a z-metric. Depression measured by the Geriatric Depression Scale- Short Form

Data Supplement for Jones et al., Cumulative Effect of Head Injuries on Nonmotor Outcomes in Parkinson's Disease, J Neuropsychiatry Clin Neurosci (doi: 10.1176/appi.neuropsych.21100257).

## **Supplemental Figure 2.**



Association between Quality of Life and Number of Head Injuries. Quality of life depicted in a z-metric with higher scores indicating greater difficulties with quality of life.

Data Supplement for Jones et al., Cumulative Effect of Head Injuries on Nonmotor Outcomes in Parkinson's Disease, J Neuropsychiatry Clin Neurosci (doi: 10.1176/appi.neuropsych.21100257).

**Supplemental Table 1.**Head injury Threshold and Cognitive Complaints

Parameter	В	p
Number of Head Injuries*		
Single	0.04	0.266
Two	-0.01	0.882
Three	-0.05	0.478
Four	-0.15	0.133
Five or more	-0.20	0.018
Motor Symptom Severity	0.53	<0.001
Occasion	-0.08	<0.001
Age at Baseline	0.01	0.794
Male Gender	-0.02	0.632

Reference group = individuals reporting no history of head injuries.