

Supplementary Table 3 – mixed effect model parameters

	GD VS HC		HET GBA VS HC		GD VS HET GBA	
	intercept (p value)	Change per year (p value)	intercept (p value)	Change per year (p value)	intercept (p value)	Change per year (p value)
UPSIT	-4.1 (<0.001)	0.2 (0.413)	-3.8 (<0.001)	0.3 (0.135)	-0.4 (0.700)	-0.2 (0.394)
UMSARS reduced	0.2 (0.019)	0.1 (0.120)	0.1 (0.066)	0.1 (0.636)	0.1 (0.568)	0.1 (0.305)
RBDsq	0.5 (0.183)	0.1 (0.536)	-0.1 (0.935)	0.2 (0.253)	0.6 (0.152)	-0.1 (0.513)
MoCA	-1.7 (0.006)	-0.2 (0.091)	-1.2 (0.086)	-0.1 (0.578)	-0.5 (0.316)	-0.1 (0.294)
MDS-UPDRS III	4.7 (0.001)	0.4 (0.300)	2.9 (0.001)	0.3 (0.608)	-2.9 (0.209)	0.2 (0.651)
BDI	1.09 (0.198)	1.1 (0.005)	-0.4 (0.993)	0.4 (0.408)	1.5 (0.149)	0.7 (0.055)