

**Supplementary Table 3.** Changes from baseline to week 24 in Cogtest PD battery subdomain scores

Cogtest PD Battery subdomain	Asian patients (n = 173)		Caucasian patients (n = 371)	
	Placebo (n = 85)	Safinamide (n = 88)	Placebo (n = 188)	Safinamide (n = 183)
<b>Auditory number sequencing</b>				
Mean at baseline (SE)	-0.87 (0.12)	-0.68 (0.10)	-0.51 (0.07)	-0.64 (0.07)
LS mean changes from baseline (SE)	0.33 (0.31)	0.12 (0.29)	-0.01 (0.06)	-0.16 (0.06)
LS difference vs. placebo (95% CI)	-0.21 (-0.49, 0.08)		-0.15 (-0.31, 0.01)	
p-value	0.1542 (NS)		0.0691 (NS)	
<b>Spatial working memory</b>				
Mean at baseline (SE)	1.86 (0.30)	2.58 (0.41)	2.56 (0.26)	2.86 (0.29)
LS mean changes from baseline (SE)	-0.18 (0.83)	0.62 (0.78)	0.66 (0.26)	0.09 (0.26)
LS difference vs. placebo (95% CI)	0.81 (0.03, 1.58)		-0.57 (-1.24, 0.10)	
p-value	0.0410		0.0972 (NS)	
<b>Strategic target detection</b>				
Mean at baseline (SE)	1.11 (0.12)	1.05 (0.14)	1.07 (0.11)	1.00 (0.10)
LS mean changes from baseline (SE)	0.15 (0.41)	0.30 (0.39)	0.16 (0.10)	0.21 (0.10)
LS difference vs. placebo (95% CI)	0.15 (-0.23, 0.53)		0.05 (-0.22, 0.32)	
p-value	0.4324 (NS)		0.6998 (NS)	
<b>Word list memory</b>				
Mean at baseline (SE)	-0.80 (0.16)	-0.75 (0.17)	-0.98 (0.10)	-0.96 (0.11)
LS mean changes from baseline (SE)	-0.12 (0.45)	-0.30 (0.42)	0.20 (0.09)	0.17 (0.09)
LS difference vs. placebo (95% CI)	-0.19 (-0.60, 0.23)		-0.03 (-0.26, 0.20)	
p-value	0.3724 (NS)		0.7946 (NS)	
<b>Symbol digit substitution</b>				
Mean at baseline (SE)	-2.76 (0.09)	-2.55 (0.10)	-2.55 (0.06)	-2.53 (0.06)
LS mean changes from baseline (SE)	0.15 (0.25)	0.12 (0.24)	0.11 (0.05)	0.02 (0.05)
LS difference vs. placebo (95% CI)	-0.03 (-0.26, 0.20)		-0.09 (-0.22, 0.04)	
p-value	0.7853 (NS)		0.1648 (NS)	
<b>Tower of London</b>				
Mean at baseline (SE)	-0.51 (0.12)	-0.42 (0.11)	-0.02 (0.06)	-0.08 (0.07)
LS mean changes from baseline (SE)	1.01 (0.30)	0.83 (0.29)	0.23 (0.06)	0.15 (0.06)
LS difference vs. placebo (95% CI)	-0.18 (-0.46, 0.10)		-0.07 (-0.24, 0.09)	
p-value	0.1988 (NS)		0.3692 (NS)	
<b>Word list memory delayed</b>				
Mean at baseline (SE)	-1.46 (0.20)	-1.23 (0.20)	-1.03 (0.10)	-1.00 (0.10)
LS mean changes from baseline (SE)	0.09 (0.48)	0.27 (0.46)	0.19 (0.09)	-0.01 (0.09)
LS difference vs. placebo (95% CI)	0.18 (-0.27, 0.63)		-0.19 (-0.43, 0.04)	
p-value	0.4190 (NS)		0.1062 (NS)	

CI, confidence interval; LS, least squares; NS, not significant; PD, Parkinson's disease; SE, standard error.