

**Table e 1. Nonparametric Univariate Correlations Between Cognitive Function and Extracted CBF Values Derived from the Striatal Areas of Decreased Perfusion in the Mutation Carriers compared to Non-Carriers (n=14)**

	Cognitive Domain														
	Language			Visuoconstruction			Executive						Memory		Global
<b>CBF Cluster</b>	Boston Naming	Letter fluency	Category fluency	Figure copy	Figure recall	Block design	DIGIT Symbol	DSF	DSB	TRAIL S A	TRAIL S B	SCW	Word list recall	Paragraph Recall	MMSE
right striatum	-.31	-.19	-.11	-.11	-.26	.01	-.42*	-.14	-.10	.31	.15	-.46*	-.28	-.05	-.25
left striatum	-.33	-.40*	-.17	.00	-.42*	-.12	-.06	-.14	-.52*	.18	.15	-.35	-.06	-.02	-.02

\*. Correlation is significant at the 0.05 level (2-tailed); \*\*. Correlation is significant at the 0.01 level (2-tailed). DSB-digit span backward; DSF-digit span forward; SCW-Stroop color-word.