Table 1 Online appendix. Results of the multiple linear regression analysis exploring the relationship between plasma cortisol levels and the general cognitive ability factor (g).

	unadjusted		Model 1 + gender and age		Model 2 +MHVS		Model 3 + other covariates		Model 4 + interactions	
	β	p-value	β	p-value	β	p-value	β	p-value	β	p-value
Plasma cortisol (nmol/L)	-0.045	0.202	-0.030	0.374	-0.048	0.086	-0.051	0.063	-.305	0.015
Female sex			0.051	0.136	0.105	<0.001	0.134	<0.001	0.137	<0.001
Age			-0.220	<0.001	-0.242	<0.001	-0.227	<0.001	-0.227	<0.001
Mill Hill Vocabulary Scale					0.570	<0.001	0.494	<0.001	0.498	<0.001
Education										
Other professional qualification							-0.074	0.052	-0.075	0.048
Primary or secondary school							-0.143	0.001	-0.143	<0.001
Alcohol intake (drinks/week)							0.072	0.014	0.069	0.018
Smoking							0.005	0.846	0.003	0.907
HADS-Depression score							-0.128	<0.001	-0.128	<0.001
HADS-Anxiety score							-0.020	0.555	-0.016	0.617
BMI							-0.023	0.426	-0.022	0.457
Duration of diabetes							-0.071	0.013	-0.069	0.015
HbA1c							0.032	0.260	0.030	0.294
Myocardial infarction							-0.022	0.482	-0.021	0.495
Angina							0.018	0.575	0.017	0.582
ABPI							-0.024	0.405	-0.244	0.027
Total cholesterol (mmol/L)							-0.008	0.776	-0.010	0.735
Treated blood pressure							0.049	0.076	0.049	0.074
Stroke							-0.091	0.001	-0.089	0.001
Interaction cortisol by ABPI									0.331	0.038

Abbreviations:

MHVS= Mill Hill Vocabulary Scale; HADS= Hospital Anxiety and Depresión Scale; BMI= Body Mass Index; ABPI= Ankle-Brachial Index