

**Table S2. Effect of including each confounder one-at-a-time on the associations of plasma cortisol with CVD in the combined VIP, MONICA and MSP cohort and BWHSS cohort with the same individuals in each model**

	VIP, MONICA and MSP				BWHHS			
	Cases	Controls	OR (95% CI)	p	Cases	Controls	OR (95% CI)	p
All sampling times included:								
Unadjusted	323	492	1.16 (0.99 to 1.35)	0.07	154	313	0.95 (0.78 to 1.16)	0.62
+ BMI	323	492	1.20 (1.02 to 1.40)	0.03	154	313	0.97 (0.79 to 1.18)	0.73
+ Smoking	323	492	1.16 (0.99 to 1.36)	0.07	154	313	0.93 (0.77 to 1.14)	0.49
+ Time of sampling	323	492	1.14 (0.96 to 1.34)	0.13	154	313	0.99 (0.81 to 1.21)	0.90
Adjusted	323	492	1.19 (1.01 to 1.41)	0.04	154	313	0.99 (0.80 to 1.22)	0.92
Sampling time restricted to 0700h -1100h:								
Unadjusted	268	396	1.19 (0.91 to 1.43)	0.06	45	89	1.21 (0.80 to 1.83)	0.36
+ BMI	268	396	1.26 (1.04 to 1.53)	0.02	45	89	1.23 (0.81 to 1.87)	0.33
+ Smoking	268	396	1.19 (0.99 to 1.44)	0.06	45	89	1.16 (0.76 to 1.76)	0.50
+ Time of sampling	268	396	1.22 (1.00 to 1.48)	0.04	45	89	1.17 (0.76 to 1.79)	0.48
Adjusted	268	396	1.31 (1.07 to 1.60)	0.01	45	89	1.13 (0.72 to 1.76)	0.59

OR, odds ratio; CI, confidence intervals; p, p value. All models included the matching variables of age; for VIP, MONICA and MSP, all models included the matching variables of sex, study, and baseline assessment date. Adjusted models also included BMI, smoking and time of sampling in the regression models. Analyses were repeated restricted to individuals with blood sampling time between 0700h and 1100h.