

Table S3. Effect of including each confounder one-at-a-time on the associations of plasma cortisol with CVD in the imputed dataset of the combined VIP, MONICA and MSP cohort

| | VIP, MONICA and MSP | | | |
|--|---------------------|----------|---------------------|------|
| | Cases | Controls | OR (95% CI) | P |
| All sampling times included: | | | | |
| Unadjusted | 905 | 1717 | 1.00 (0.91 to 1.09) | 0.91 |
| + BMI | 905 | 1717 | 1.03 (0.94 to 1.13) | 0.53 |
| + Smoking | 905 | 1717 | 1.01 (0.92 to 1.10) | 0.81 |
| + Time of sampling | 905 | 1717 | 1.00 (0.91 to 1.11) | 0.95 |
| Adjusted | 905 | 1717 | 1.06 (0.96 to 1.17) | 0.24 |
| Sampling time restricted to 0700h - 1100h: | | | | |
| Unadjusted | 702 | 1109 | 1.05 (0.94 to 1.17) | 0.39 |
| + BMI | 702 | 1109 | 1.10 (0.98 to 1.23) | 0.12 |
| + Smoking | 702 | 1109 | 1.06 (0.95 to 1.19) | 0.30 |
| + Time of sampling | 702 | 1109 | 1.05 (0.94 to 1.18) | 0.41 |
| Adjusted | 702 | 1109 | 1.12 (0.99 to 1.26) | 0.07 |

OR, odds ratio; CI, confidence intervals; p, p value. All models included the matching variables of age, sex, study and baseline assessment date. Analyses were repeated restricted to individuals with blood sampling time between 0700h and 1100h.