Table S3.Odds ratios and 95% confidence intervals representing the odds of a stroke or CVD diagnosis per 1 unit increase in log transformed urinary tungsten concentration (expressed as µg per mg of urinary creatinine) for each of the six NHANES waves in adults aged less than 75 years.

|  |  |
| --- | --- |
|  | **NHANES Year** |
|  | **1999/2000** | **2001/2002** | **2003/4** | **2005/6** | **2007/8** | **2009/10** |
|  | **Stroke** |
| Odds ratio (95% CI) | 0.72 (0.45,1.16) | 1.63 (1.00-2.67)? | 1.30 (0.87-1.93) | 1.51 (1.04-2.21)\* | 1.52 (1.13-2.05)\*\* | 1.54 (0.97-2.46)? |
| Stroke cases crude | 31 (1152) | 22 (1332) | 41 (1263) | 29 (1172) | 43 (1442) | 37 (1541) |
| Adjusted odds ratio (95% CI) | 0.59 (0.24,1.45) | 1.61 (0.75-3.45) | 1.24 (0.69-2.24) | 1.57 (0.88-2.80) | 1.74 (1.10-2.77)\* | 1.84 (1.01-3.34)\* |
| Stroke cases adjusted | 22 (918) | 17 (1167) | 36 (1137) | 25 (1065) | 34 (1237) | 33 (1316) |
|  | **Cardiovascular disease** |
| Odds ratio (95% CI) | 1.51 (1.00-2.29)? | 1.14 (0.89-1.47) | 1.20 (0.89-1.61) | 1.04 (0.73-1.48) | 1.15 (0.86-1.53) | 1.07 (0.71-1.62) |
| CVD cases crude | 77 (1104) | 78 (1275) | 90 (1214) | 59 (1331) | 79 (1402) | 67 (1599) |
| Adjusted odds ratio (95% CI) | 1.50 (0.91-2.47) | 1.29 (0.95-1.76) | 1.07 (0.70-1.65) | 1.10 (0.74-1.65) | 1.15 (0.70-1.88) | 1.08 (0.64-1.82) |
| CVD cases adjusted | 61 (878) | 66 (1118) | 78 (1095) | 51 (1194) | 62 (1205) | 58 (1362) |

Statistical significance is denoted by ?, \* and \*\* representing *P*<0.1, *P*<0.05 and *P*<0.01 respectively. The adjusted models include age, sex, ethnicity, SES, smoking, alcohol consumption, occupation, BMI, hypertenstion, hypercholesterolemia, molybdenum and cobalt concentration as covariates.