**Table 1: Pearson correlations1 among choice reaction time at age 16 years, GHQ and HADS scores at age 36 years and the covariates**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Correlation coefficients** |  |
| **Variable** | **Choice reaction time at 16 yrs** | **GHQ at 36 yrs** | **HADS anxiety at 36 yrs** | **HADS depression at 36 yrs**  | **Parental social class at 16 yrs3** | **GHQ at 16 yrs** | **Allostatic load at 36 yrs** | **Smoking status at 36 yrs3**  | **Alcohol units per wk at 36 yrs** | **Exercise, days per wk at 36 yrs** | **Years of full-time education by 36 yrs** | **Mean (SD) or median (IQR)**  |
| **Choice reaction time at 16 yrs** | - |  |  |  |  |  |  |  |  |  |  |  |
| **GHQ at 36 yrs** | 0.146\*\*\* | - |  |  |  |  |  |  |  |  |  |  |
| **HADS anxiety at 36 yrs** | 0.104\*\*\* | 0.612\*\*\* | - |  |  |  |  |  |  |  |  |  |
| **HADS depression at 36 yr** | 0.118\*\*\* | 0.634\*\*\* | 0.634\*\*\* | - |  |  |  |  |  |  |  |  |
| **Parental social class at 16 yrs3** | 0.162\*\*\* | 0.004 | -0.029 | 0.104\*\*\* | - |  |  |  |  |  |  |  |
| **GHQ at 16 yrs** | 0.039 | 0.129\*\*\* | 0.151\*\*\* | 0.089\*\*\* | -0.061 | - |  |  |  |  |  |  |
| **Allostatic load at 36 yrs** | 0.126\*\*\* | 0.098\*\*\* | 0.041 | 0.167\*\*\* | 0.173\*\*\* | -0.033 | - |  |  |  |  |  |
| **Smoking status at 36 yrs3**  | 0.187\*\*\* | 0.130\*\*\* | 0.120\*\*\* | 0.141\*\*\* | 0.101\*\*\* | 0.001 | 0.150\*\*\* | - |  |  |  |  |
| **Alcohol units per wk at 36 yrs** | 0.015 | 0.063 | 0.025 | 0.037 | 0.014 | -0.036 | 0.179\*\*\* | 0.145\*\*\* | - |  |  |  |
| **Exercise, days per wk at 36 yrs** | -0.018 | -0.044 | -0.074\* | -0.141\*\*\* | -0.088\*\*\* | -0.016 | -0.075\* | 0.054 | -0.013 | - |  |  |
| **Years of full-time education by 36 yrs** | -0.234\*\*\* | -0.056 | -0.029 | -0.121\*\*\* | -0.385\*\*\* | 0.056 | -0.194\*\*\* | -0.179\*\*\* | -0.038 | 0.112\*\*\* | - |  |
| **Mean (SD) or median (IQR)2**  | 10.6 (4.88) | 10 (7-12) | 7 (4-9) | 2 (1-5) | 4 (2-4) | 8 (6-11) | 0.031 (4.20) | 1 (1-3) | 6 (0-15) | 3 (2-5) | 13 (11-17) | **-** |

1P values: \*\*\* p<.001, \*\*p<.01, \*p<.05. **2** Median (IQR) was used instead of mean (SD) for ordinal variables or continuous variables that were notnormally distributed. 3Parental social class and smoking status should be interpreted here as if they were continuous variables. Higher values of each variable indicate greater socioeconomic disadvantage or greater exposure to smoking respectively.