**Appendix 1.** Questions on psychotic experiences and answers required for endorsement based on the Psychosis Screening Questionnaire

|  |  |
| --- | --- |
| Questions | Answers |
| **Hypomania/Mania** |  |
| 1. Over the past year, have there been times when you felt very happy indeed without a break for days on end? | Yes |
|  1a. Was there an obvious reason for this? | No |
|  1b. Did people around you think it was strange? | Yes |
| **Thought control** |  |
| 2. Over the past year, have you ever felt that your thoughts were directly interfered with or controlled by some outside force or person? | Yes |
|  2a. Did it come about in a way that many people would find hard to believe, for instance, through telepathy? | Yes |
| **Paranoia** |  |
| 3. Over the past year, have there been times when you felt that people were against you? | Yes |
|  3a. Have there been times when you felt that people were deliberately acting to harm you or your interests? | Yes |
|  3b. Have there been times when you felt that a group of people was plotting to cause you serious harm or injury? | Yes |
| **Strange experiences** |  |
| 4. Over the past year, have there been times when you felt that something strange was going on? | Yes |
|  4a. Was it so strange that other people would find it very hard to believe? | Yes |
| **Auditory hallucinations** |  |
| 5. Over the past year, have there been times when you heard or saw things that other people could not? | Yes |
|  5a. Did you at any time hear voices saying quite a few words or sentences when there was no one around that might account for it? | Yes |

The skip pattern was the following: If yes to 1, then asked 1a; If no to 1a, then asked 1b; If yes to 2, then asked 2a; If yes to 3, then asked 3a; If yes to 3a, then asked 3b; If yes to 4, then asked 4a; If yes to 5, then asked 5a.

**Appendix 2.** Definition of definite or probable psychosis

Individuals fulfilling at least one of the four phase-one psychosis screening criteria (current antipsychotic use, hospitalization for mental problems, endorsement of the question on auditory hallucinations of the PSQ (“Did you at any time hear voices saying quite a few words or sentences when there was no one around that might account for it?”), and self-reported diagnosis or symptoms of psychosis) were invited for a phase-two assessment. A definitive diagnosis of psychosis (schizophrenia and affective psychosis) was based on the Schedules for Clinical Assessment in Neuropsychiatry (SCAN, version 2.1) conducted in phase-two by a clinical interviewer (Wing *et al.* 1990). However, since 39% of those individuals invited for a phase-two interview either refused or could not be contacted, a “probable psychosis” measure was also created for individuals without a phase-two interview but who fulfilled at least two of the phase-one psychosis screening criteria (McManus *et al.* 2009).

**McManus S, Meltzer H, Brugha TS, Bebbington P, Jenkins R** (2009). *Adult psychiatric morbidity in England, 2007: Results of a household survey*. London.

**Wing JK, Babor T, Brugha T, Burke J, Cooper JE, Giel R, Jablenski A, Regier D, Sartorius N** (1990). SCAN. Schedules for Clinical Assessment in Neuropsychiatry. *Archives of General Psychiatry* **47**, 589–593.

**Appendix 3.** Correlations of the potential mediating variables included in this study

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 1 | 1.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 0.13\* | 1.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | -0.18\* | -0.39\* | 1.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | -0.21\* | -0.37\* | 0.48\* | 1.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | -0.06\* | -0.06\* | 0.04\* | 0.09\* | 1.00 |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | -0.06\* | 0.06\* | -0.09\* | -0.06\* | 0.11\* | 1.00 |  |  |  |  |  |  |  |  |  |  |  |
| 7 | -0.13\* | 0.07\* | -0.06\* | 0.01 | 0.10\* | 0.19\* | 1.00 |  |  |  |  |  |  |  |  |  |  |
| 8 | -0.21\* | -0.05\* | 0.06\* | 0.09\* | 0.08\* | 0.09\* | 0.08\* | 1.00 |  |  |  |  |  |  |  |  |  |
| 9 | 0.11\* | 0.06\* | -0.06\* | -0.10\* | -0.07\* | -0.06\* | -0.03\* | -0.22\* | 1.00 |  |  |  |  |  |  |  |  |
| 10 | -0.04\* | 0.13\* | -0.09\* | -0.02 | 0.04\* | 0.05\* | 0.12\* | 0.16\* | -0.05\* | 1.00 |  |  |  |  |  |  |  |
| 11 | 0.00 | 0.16\* | -0.24\* | -0.13\* | 0.05\* | 0.10\* | 0.07\* | 0.22\* | -0.07\* | 0.14\* | 1.00 |  |  |  |  |  |  |
| 12 | -0.07\* | 0.07\* | -0.01 | 0.02 | 0.10\* | 0.09\* | 0.11\* | 0.22\* | -0.10\* | 0.43\* | 0.12\* | 1.00 |  |  |  |  |  |
| 13 | -0.06\* | 0.02 | -0.02 | 0.00 | 0.04\* | 0.07\* | 0.04\* | 0.05\* | -0.04\* | 0.08\* | 0.02 | 0.08\* | 1.00 |  |  |  |  |
| 14 | -0.09\* | -0.03\* | 0.06\* | 0.10\* | 0.08\* | 0.08\* | 0.08\* | 0.31\* | -0.15\* | 0.15\* | 0.15\* | 0.20\* | 0.06\* | 1.00 |  |  |  |
| 15 | -0.06\* | 0.01 | 0.00 | 0.08\* | 0.09\* | 0.14\* | 0.12\* | 0.28\* | -0.10\* | 0.14\* | 0.10\* | 0.18\* | 0.11\* | 0.28\* | 1.00 |  |  |
| 16 | -0.07\* | -0.02 | 0.04\* | 0.07\* | 0.08\* | 0.09\* | 0.06\* | 0.21\* | -0.08\* | 0.12\* | 0.10\* | 0.18\* | 0.10\* | 0.27\* | 0.28\* | 1.00 |  |
| 17 | -0.06\* | -0.07\* | 0.11\* | 0.12\* | 0.06\* | 0.05\* | 0.03\* | 0.21\* | -0.08\* | 0.13\* | 0.12\* | 0.19\* | 0.03\* | 0.23\* | 0.13\* | 0.15\* | 1.00 |

\*P-value lower than 0.05.

1=marital status, 2=qualification, 3=employment, 4=income, 5=nicotine dependence, 6=alcohol dependence, 7= cannabis use, 8=loneliness, 9=social support, 10=bullying victimization, 11=perceived stress, 12=stressful life events, 13=discrimination due to sexual orientation, 14=common mental disorders, 15=borderline personality disorder traits, 16=posttraumatic stress disorder, 17=sleep disorders.