**Supplementary Table S1.** *Basic sample characteristics*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | FEP (n=50) | ARMS(n=44) | Controls(n=52) | Test statistic | p |
| Age (years), mean (SD) | 28.4 (8.6) | 23.8 (4.7) | 34.4 (12.0) | F=16.4, df=2  | <0.001 |
| Gender, n (%) |  |  |  |  |  |
|  | Men | 28 (56.0) | 20 (45.5)  | 24 (46.2) | χ2=1.4, df=2 | 0.506 |
|  | Women | 22 (44.0) | 24 (54.6) | 28 (53.9) |
| Ethnicity, n (%) |  |  |  |  |  |
|  | White British | 14 (28.0) | 15 (34.1) | 24 (46.2) | χ2=12.8, df=10 | 0.237 |
|  | Black African | 16 (32.0) | 7 (15.9) | 8 (15.4) |
|  | Black Caribbean | 11 (22.0) | 7 (15.9) | 6 (11.5) |
|  | Asian | 1 (2.0) | 1 (2.3) | 3 (5.8) |
|  | White Other | 4 (8.0) | 5 (11.4) | 5 (9.6) |
|  | Other | 4 (8.0) | 9 (20.5) | 6 (11.5) |
| Place of birth, n (%) |  |  |  |  |  |
|  | UK-born | 31 (62.0) | 32 (72.7) | 32 (61.5) | χ2=1.6, df=2 | 0.443 |
|  | Non-UK-born | 19 (38.0) | 12 (27.3) | 20 (38.5) |
| Level of education, n (%) |  |  |  |  |  |
|  | School | 17 (34.0) | 12 (27.9) | 8 (15.4) | χ2=24.2, df=4 | <0.001 |
|  | Further | 24 (48.0) | 23 (53.5) | 14 (26.9) |
|  | Higher | 9 (18.0) | 8 (18.6) | 30 (57.7) |
| Employment status, n (%) |  |  |  |  |  |
|  | Unemployed | 29 (58.0) | 14 (31.8) | 5 (9.6) | χ2=27.1, df=2 | <0.001 |
|  | Other | 21 (42.0) | 30 (68.2) | 47 (90.4) |
| CTQ mean scoresa, mean (SD) |  |  |  |  |  |
|  | Sexual abuse | 1.59 (1.04) | 1.40 (0.69) | 1.27 (0.66) | F=2.0, df=2 | 0.139 |
|  | Physical abuse | 1.60 (0.84) | 1.70 (0.85) | 1.25 (0.49) | F=4.9, df=2 | 0.009 |
|  | Emotional abuse | 2.07 (0.92) | 2.60 (1.10) | 1.54 (0.66) | F=16.7, df=2 | <0.001 |
| OPCRIT Psychotic disorder diagnosisb,c, n (%) |  |  |  |  |  |
|  | Schizophrenia | 14 (29.8) | – | – | – | – |
|  | Delusional disorder | 3 (6.4) | – | – |
|  | Schizoaffective disorder | 3 (6.4) | – | – |
|  | Manic psychosis | 7 (14.9) | – | – |
|  | Depressive psychosis | 7 (14.9) | – | – |
|  | Psychotic disorder NOS | 13 (27.7) | – | – |
| Current SCID comorbid affective disorder diagnosisd, n (%) |  |  |  |  |  |
|  | Mood disorder | – | 5 (11.4) | – | – | – |
|  | Anxiety disordere | – | 13 (29.5) | – |
|  | Mood and anxiety disorder | – | 3 (6.8) | – |

*Note:* FEP, First-Episode Psychosis; ARMS, At-Risk Mental State for psychosis; SD, standard deviation; df, degrees of freedom;

a Categorical CTQ severity scores by group:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | FEP | ARMS | Controls | Test statistic | p |
|  | n (%) | n (%) | n (%) |
| Sexual abuse |  |  |  |  |  |
|  | Severe to extreme  | 8 (16.0) | 4 (9.1) | 3 (5.8) | χ2=8.9, df=6 | 0.179 |
|  | Moderate to severe | 7 (14.0) | 10 (22.7) | 5 (9.6) |
|  | Mild to moderate | 10 (20.0) | 4 (9.1) | 8 (15.4) |
|  | None | 25 (50.0) | 26 (59.1) | 36 (69.2) |
| Physical abuse |  |  |  |  |  |
|  | Severe to extreme  | 8 (16.0) | 9 (20.5) | 2 (3.9) | χ2=16.1, df=6 | 0.013 |
|  | Moderate to severe | 2 (4.0) | 6 (13.6) | 3 (5.8) |
|  | Mild to moderate | 8 (16.0) | 4 (9.1) | 2 (3.9) |
|  | None | 32 (64.0) | 25 (56.8) | 45 (86.5) |
| Emotional abuse |  |  |  |  |  |
|  | Severe to extreme  | 8 (16.0) | 17 (38.6) | 2 (3.85) | χ2=32.9, df=6 | <0.001 |
|  | Moderate to severe | 7 (14.0) | 6 (13.6) | 0 (0.0) |
|  | Mild to moderate | 11 (22.0) | 10 (22.7) | 14 (26.9) |
|  | None | 24 (48.0) | 11 (25.0) | 36 (69.2) |

b Missing values: 3

c DSM-IV diagnoses of psychotic disorder were determined based on structured examination of case records using the Operational CRITeria (OPCRIT) system (McGuffin *et al.*, 1991; Reininghaus *et al.*, 2016-c) as part of the “Functional Enviromics” work package of EU-GEI (EU-GEI, 2014);

c Current comorbid affective disorders were assessed with the SCID (First *et al.*, 2002) as part of the “G × E Prodrome” work package of EU-GEI (EU-GEI, 2014);

e PTSD, n=1