**Supplementary Table S1.** Comparison of basic demographic and clinical characteristics of sample with other samples.

|  | CAPsy/EU-GEI (n, 332) | CRiS (n, 558) | AESOP (n, 308\*) |
| --- | --- | --- | --- |
| Gender |  |  |  |  |  |  |
|  | Men | 193 | 62.9% | 292 | 52.3% | 175 | 56.8% |
|  | Women | 114 | 37.1% | 266 | 47.7% | 133 | 43.2% |
| Age |  |  |  |  |  |  |
|  | Mean (S.D) | 28 | 8.6 | 33  | 10.7 | 30 | 11.2 |
| Ethnicity |  |  |  |  |  |  |
|  | White British | 81 | 26.3% | 133 | 23.8% | 81 | 26.3% |
|  | Non British White | 37 | 12% | 147 | 26.3% | 30 | 9.7% |
|  | Black Caribbean | 53 | 17.2% | 91 | 16.3% | 104 | 33.8% |
|  | Black African | 81 | 26.3% | 75 | 13.4% | 63 | 20.5% |
|  | Asian (all) | 13 | 4.2% | 44 | 7.9% | 10 | 3.3% |
|  | Other | 42 | 13.6% | 68 | 12.1% | 20 | 6.5% |
| Diagnosis |  |  |  |  |  |  |
|  | Non-affective psychosis | 215 | 77.1% | 250 | 93.6% | 229 | 74.4% |
|  | Affective psychosis | 64 | 22.9% | 17 | 6.4% | 79 | 25.7% |

\* Total baseline AESOP incidence sample for London only

**Supplementary Table S2.** Separation and loss of a parent’s by case-control status

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Controls***(n=301) n (%)* | **Cases** *(n=332) n (%)* | OR95% CI | aOR195% CI | aOR295% CI | aOR395% CI | aOR495% CI | aOR595% CI | aOR695% CI | aOR795% CI | aOR895% CI | aOR 995% CI | aOR1095% CI | aOR1195% CI |
| **Separation,****Deatha**  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| None | 176 (59.26) | 100 (33.56) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Parental death | 18 (6.06) | 20 (6.71) | 1.95(0.98-3.88) | 1.86(0.93-3.70) | 2.04(0.94-4.40) | 1.59(0.77-3.26) | 1.66(0.80-3.43) | 2.00(0.93-4.32) | 1.92(0.87-4.25) | 1.91(0.86-4.24) | 1.72(0.83-3.59) | 2.17(0.77-6.11) | 1.70(0.78-3.73) | 1.38(0.60-3.16) |
| Separation | 103 (34.68) | 178 (59.73) | 3.04(2.12-4.35) | 2.98(2.10-4.21) | 2.28(1.51-3.42) | 2.50(1.73-3.62) | 2.40(1.66-3.48) | 2.03(1.38-2.99) | 2.99(2.03-4.42) | 2.92(1.96-4.36) | 2.83(1.93-4.14) | 2.58(1.49-4.46) | 2.77(1.87-4.11) | 1.93(1.27-2.9) |
| **Family arrangement** b |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | 172 (57.91) | 110 (37.16) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ≥ 2 | 125 (42.09) | 186 (62.84) | 2.32(1.66-3.25) | 2.27(1.63-3.17) | 1.72(1.16-2.54) | 1.79(1.25-2.55) | 1.85(1.29-2.64) | 1.55(1.07-2.26) | 1.92(0.87-4.25) | 2.12(1.44-3.1) | 2.22(1.54-3.20) | 1.86(1.10-3.15) | 2.01(1.38-2.93) | 1.52(1.01-2.28) |

aOR1 , Adjusted odds ratio for place of birth; aOR2 , Adjusted odds ratio for subject’s social class (main job); aOR3 , Adjusted odds ratio for father’s social class (at birth); aOR4 , Adjusted odds ratio for father’s social class (main job); aOR5, Adjusted odds ratio for education; aOR6, Adjusted odds ratio for psychiatric family history; aOR7, Adjusted odds ratio for psychosis family history; aOR8, Adjusted odds ratio for cannabis lifetime use; aOR9, Adjusted odds ratio for IQ; aOR10, Adjusted odds ratio for premorbid social adjustment; aOR11, Adjusted odds ratio for premorbid academic adjustment. CI, confidence interval. Missing values (full sample): a 38 missing; b 40missing

**Supplementary Table S3.** Social adversity by case-control status (dichotomy variables)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Controls**(n=301) n (%) | **Cases** (n=332) n (%) | OR95% CI | OR195% CI | OR295% CI | OR395% CI | OR495% CI | OR595% CI | OR695% CI | OR795% CI | OR895% CI | OR995% CI | OR1095% CI | OR1195% CI |
| **Social Adversity (5 years pre-onset) a**  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <2 | 105 (38.89) | 37 (17.70) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ≥2 | 165 (61.11) | 172 (82.30) | **2.95**(1.89-4.61) | 2.84(1.84-4.39) | 1.93(1.17-3.17) | 2.97(1.89-4.68) | 3.31(2.06-5.32) | 2.58(1.61-4.13) | 3.72(2.19-6.32) | 3.74(2.15-6.49) | 3.06(1.89-4.97) | 3.01(1.43-6.34) | 2.98(1.74-5.11) | 2.59(1.44-4.68) |
| **Social Adversity (1 year pre-onset) b**  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <2 |  122 (40.53) | 36 (13.14) | 1 | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ |
| ≥2 | 179 (59.47) | 238 (86.86) | **4.50**(2.89-7.00) | 4.37(2.87-6.67) | 2.78(1.71-4.53) | 3.83(2.47-5.93) | 4.19(2.67-6.58) | 3.48(2.20-5.52) | 5.27(3.18-8.74) | 5.13(3.01-8.71) | 4.94(3.06-7.99) | 4.85(2.28-10.30) | 6.32(3.63-11.01) | 4.67(2.60-8.38) |
| **Social Adversity (at onset) c**  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <2 | 117 (38.87) | 19 (6.91) | 1 | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ |
| ≥2 | 184 (61.13) | 256 (93.09) | **8.56**(4.88-15.03) | 8.36(4.95-14.1) | 4.63(2.63-8.15) | 7.70(4.50-13.16) | 9.30(5.25-16.46) | 5.78(3.31-10.08) | 11.28(5.82-21.86) | 11.72(5.72-24.01) | 10.54(5.69-19.54) | 13.02(3.94-42.93) | 21.86(9.22-51.83) | 14.52(5.97-35.28) |
| **Social Adversity (at assessment) d** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <2 | 117 (38.87) | 19 (6.27) | 1 | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ |
| ≥2 | 184 (61.13) | 284 (93.73) | **9.50**(5.40-16.70) | 9.28(5.50-15.6) | 5.16(2.90-9.16) | 10.58(5.90-18.98) | 12.07(6.56-22.20) | 6.50(3.72-11.36) | 12.46(6.45-24.09) | 11.68(5.89-23.18) | 12.80(6.78-24.16) | 21.24(5.06-89.17) | 26.04(10.54-64.3) | 15.98(6.29-40.58) |

aOR1 , Adjusted odds ratio for place of birth; aOR2 , Adjusted odds ratio for subject’s social class (main job); aOR3 , Adjusted odds ratio for father’s social class (at birth); aOR4 , Adjusted odds ratio for father’s social class (main job); aOR5, Adjusted odds ratio for education; aOR6, Adjusted odds ratio for psychiatric family history; aOR7, Adjusted odds ratio for psychosis family history; aOR8, Adjusted odds ratio for cannabis lifetime use; aOR9, Adjusted odds ratio for IQ; aOR10, Adjusted odds ratio for premorbid social adjustment; aOR11, Adjusted odds ratio for premorbid academic adjustment. CI, confidence interval. Missing values (full sample): a 154 missing; b 58 missing; c 57 missing; d 29 missing.