**Online appendix 2a: Associations between the covariates and offspring psychotic experiences**

|  |  |  |
| --- | --- | --- |
|  | **Maternal analyses** | **Paternal analyses** |
|  | **(700 mothers & 901 offspring)** | **(496 fathers & 652 children)** |
|  | **Risk Ratio (95% CI)** | **Risk Ratio (95% CI)** |
| Sex (female) | 1.24 (0.93, 1.66) | 1.27 (0.91, 1.79) |
| Age (increase in years) | 0.98 (0.91, 1.06) | 1.02 (0.94, 1.11) |
| Parental college degree or equivalent vs shorter education | 0.80 (0.60, 1.06) | 0.69 (0.48, 0.99) |
| Any type of parental employment vs. no employment | 0.64 (0.44, 0.92) | 1.04 (0.46, 2.36) |

**Online appendix 2b: Sensitivity analyses of the multivariate models including dichotomous variables for parental depression, anxiety, and mental well-being.** **Associations between parental factors (mutually adjusted) and offspring psychotic experiences for mothers and fathers separately.**

|  |  |  |
| --- | --- | --- |
|  | **One or more psychotic experiences in offspring** | **Number of psychotic experiences in offspring (0,1,2, ≥3)** |
| Risk Ratio (95% CI) | Relative Difference (95% CI) |
| **Maternal analyses (including 700 mothers and 901 offspring)** | | |
| Psychotic experiences | 2.33 (1.65, 3.28) | 2.33 (1.57, 3.48) |
| Depression symptoms | 0.82 (0.42, 1.63) | 0.71 (0.31, 1.64) |
| Anxiety symptoms | 1.02 (0.49, 2.10) | 0.73 (0.31, 1.74) |
| Mental well-being | 1.32 (0.93, 1.88) | 1.46 (0.97, 2.20) |
| **Paternal analyses (496 father and 652 children)** | | |
| Psychotic experiences | 2.41 (1.55, 3.76) | 2.44 (1.38, 4.32) |
| Depression symptoms | 0.82 (0.24, 2.82) | 1.09 (0.23, 5.04) |
| Anxiety symptoms | \* | \* |
| Mental well-being | 0.88 (0.42, 1.83) | 0.71 (0.28, 1.79) |

\*not reported due to too few observations

**Online appendix 2c: Sensitivity analyses of the multivariate models adding mental health problems of the child according to the Strengths and Difficulties Questionnaire (SDQ).** **Associations between parental psychotic experiences and offspring psychotic experiences and for mothers and fathers separately.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **One or more psychotic experiences in offspring** | **One or more psychotic experiences in offspring** | **Number of psychotic experiences in offspring (0,1,2, ≥3)** | **Number of psychotic experiences in offspring (0,1,2, ≥3)** |
| Risk Ratio (95% CI) | Risk Ratio (95% CI) | Relative Difference (95% CI) | Relative Difference (95% CI) |
|  | Adjusted for parental mental health and covariates | Further adjusted for child general mental health problems | Adjusted for parental mental health and covariates | Further adjusted for child general mental health problems |
| **Maternal analyses (including 680 mothers and 872 offspring)** | | | | |
| Psychotic experiences | 2.25 (1.57, 3.22)\* | 1.92 (1.34, 2.74) | 2.20 (1.44, 3.36)\* | 1.81 (1.23, 2.64) |
| **Paternal analyses (485 father and 634 children)** | | | | |
| Psychotic experiences | 2.10 (1.31, 3.38)\* | 1.74 (1.03, 2.94) | 2.04 (1.17, 3.57)\* | 1.58 (0.84, 2.96) |

\*Estimates slightly different from the main analyses due to missing data on SDQ for 32 children