**S1 Table. Demographics of the two main samples used in analyses and the original cohort that met inclusion criteria.**

|  |  |  |  |
| --- | --- | --- | --- |
| Sample demographics assessed during pregnancy | Complete cases a  (N = 3735) | Imputed sample b  (N = 10559) | Initial cohort c  (N ≤ 13617) |
| Female offspring (%) | 56.4 | 48.4 | 48.4 |
| Smoked in pregnancy (%) | 14.7 | 22.5 | 25.8 |
| Housing tenure (% rented) | 12.7 | 21.5 | 26.7 |
| Marital status (% single) | 15.7 | 21.5 | 23.5 |
| Maternal education (% < O-level) | 16.1 | 26.6 | 26.7 |
| Maternal depression (mean EPDS score at 32 weeks gestation) | 6.16 | 6.90 | 7.05 |

a Sample with complete data on offspring suicide-related behavior at age 16 years, offspring depressive disorder, maternal suicide attempt and potential confounders;

b Sample with imputed data on offspring suicide-related behaviour, offspring depressive disorder, maternal suicide attempt and potential confounders to bring sample size up to all those that have information on latent classes of maternal depression symptoms;

c Original ALSPAC cohort that the met inclusion criteria for this study;

Additional missing data on demographics: smoked in pregnancy missing for 792/13617; housing tenure missing for 914/13617; marital status missing for 858/13617; maternal education missing for1515 /13617; maternal Edinburgh Postnatal Depression Scale (EPDS) missing for 1895/13617