**Table S1:** Prevalence of CAPO-S cases according to ethnicity and IMD deciles.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **CAPO-S cases****(n=1244)** | **Prevalence or risk****of CAPO-S****(95% CI)** | **Percentage****of all CAPO-S cases****(95% CI)** |
| **Ethnicity** |  |  |  |
| White (n=8484) | 549 | 6.5%(5.9-7.0) | 44.1%(43.1-45.2) |
| Black (n=1528) | 230 | 15.1%(13.3-16.8) | 18.5%(16.5-20.4) |
| South Asian (n=2232) | 371 | 16.6%(15.1-18,2) | 29.8%(27.9-31.7) |
| Mixed/other (n=921) | 94 | 10.2%(8.3-12.2) | 7.6%(5.8-9.3) |
| **IMD deciles** |  |  |  |
| IMD 1 and 2 (n=719) | 83 | 11.5%(9.2-13.9) | 6.7%(4.8-8.5) |
| IMD 3 and 4 (n=3273) | 390 | 11.9%(10.8-13.0) | 31.4%(29.8-32.9) |
| IMD 5 and 6 (n=4025) | 374 | 9.3%(8.4-10.2) | 30.1%(28.6-31.5) |
| IMD 7 and 8 (n=3065) | 251 | 8.2%(7.2-9.2) | 20.2%(18.8-21.6) |
| IMD 9 and 10 (n=2083) | 146 | 7.0%(5.9-8.1) | 11.7%(10.4-13.1) |

IMD, indices of multiple deprivation (IMD 1 and 2 most deprived, IMD 9 and 10 least deprived); CAPO-S, severecomposite of adverse pregnancy outcomes

**Table S2:** Interaction between ethnicity and IMD deciles

|  |  |  |
| --- | --- | --- |
|  | **Correlation Coefficient****(Spearman's rho/ Pearson Chi-Square)** | **p-value** |
| Ethnicity | -0.223 | **<0.001** |
| White | 869.794 | **<0.001** |
| Black | 614.366 | **<0.001** |
| Asian | 96.425 | **<0.001** |
| Mixed/other | 0.618 | 0.961 |

IMD, indices of multiple deprivation (IMD 1 and 2 most deprived, IMD 9 and 10 least deprived)

**Table S3:** Correlation between IMD deciles and CAPO and CAPO-S in women of White ethnicity

|  |  |  |
| --- | --- | --- |
|  | **Correlation Coefficient****(Spearman's rho/ Pearson Chi-Square)** | **p-value** |
| CAPO | -0.36 | **<0.001** |
| CAPO-S | -0.41 | **<0.001** |

IMD, indices of multiple deprivation (IMD 1 and 2 most deprived, IMD 9 and 10 least deprived); CAPO, composite of adverse pregnancy outcomes, CAPO-S, severecomposite of adverse pregnancy outcomes