Supplementary Table 1. Multiple logistic regression derived odds ratio (OR) for self-reported depressive symptoms (EPDS ≥ 13) at gestational week 32 (BASIC) in association with meteorological parameter or air pollen count.

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| --- | --- | --- |
| Exposure | cOR | 95% CI |
| Same day as questionnaire |  |  |
|  Maximum temperature | 0.999 | 0.987–1.011 |
|  Precipitation | 1.001 | 0.973–1.029 |
|  Snow coverage | 0.983 | 0.755–1.279 |
|  Sunshine hours | 0.998 | 0.976–1.020 |
|  Alder | 1.001 | 0.998–1.003 |
|  Mugwort | 0.988 | 0.922–1.059 |
|  Birch | 1.000 | 1.000–1.000 |
|  Hazel | 1.016 | 0.999–1.033 |
|  Grass | 1.002 | 0.991–1.012 |
|  Oak | 0.996 | 0.992–1.001 |
| One week prior to questionnaire |  |  |
|  Maximum temperature | 1.002 | 0.990–1.014 |
|  Precipitation | 1.038 | 0.975–1.104 |
|  Snow coverage | 0.970 | 0.735–1.281 |
|  Sunshine hours | 0.999 | 0.970–1.029 |
|  Alder | 0.999 | 0.994–1.004 |
|  Mugwort | 0.981 | 0.903–1.066 |
|  Birch | 1.000 | 0.999–1.001 |
|  Hazel | 0.995 | 0.955–1.036 |
|  Grass | 1.009 | 0.998–1.020 |
|  Oak | 0.999 | 0.996–1.002 |
| Six weeks prior to questionnaire |  |  |
|  Maximum temperature | 1.003 | 0.990–1.015 |
|  Precipitation | 1.098 | 0.940–1.282 |
|  Snow coverage | 1.020 | 0.748–1.392 |
|  Sunshine hours | 1.008 | 0.974–1.043 |
|  Alder | 0.998 | 0.990–1.006 |
|  Mugwort | 0.983 | 0.876–1.103 |
|  Birch | 1.000 | 0.999–1.001 |
|  Hazel | 0.985 | 0.926–1.047 |
|  Grass | 1.004 | 0.989–1.018 |
|  Oak | 1.001 | 0.995–1.006 |

cOR: crude odds ratio; CI: confidence interval; EPDS: Edinburgh Postnatal Depression Scale