Supplementary Table 3. Multiple logistic regression derived odds ratio (OR) for self-reported depressive symptoms (DSRS) at 6 weeks postpartum (BASIC) in association with meteorological parameter or air pollen count.

|  |  |  |
| --- | --- | --- |
| Exposure | cOR | 95% CI |
| *Same day as DSRS* |  |  |
|  Maximum temperature | 1.009 | 0.988–1.029 |
|  Precipitation | 1.001 | 0.958–1.046 |
|  Snow coverage | 1.173 | 0.728–1.890 |
|  Sunshine hours | 0.992 | 0.958–1.027 |
|  Alder | 0.996 | 0.984–1.008 |
|  Mugwort | 1.079 | 0.972–1.197 |
|  Birch | 0.999 | 0.998–1.001 |
|  Hazel | 0.964 | 0.871–1.068 |
|  Grass | 1.001 | 0.986–1.017 |
|  Oak | 1.002 | 0.999–1.005 |
| *One week prior to DSRS* |  |  |
|  Maximum temperature | 1.008 | 0.987–1.029 |
|  Precipitation | 0.957 | 0.853–1.074 |
|  Snow coverage | 1.379 | 0.822–1.315 |
|  Sunshine hours | 1.012 | 0.967–1.059 |
|  Alder | 0.988 | 0.970–1.007 |
|  Mugwort | 1.083 | 0.997–1.177 |
|  Birch | 0.999 | 0.998–1.000 |
|  Hazel | 0.961 | 0.887–1.041 |
|  Grass | 1.004 | 0.987–1.021 |
|  Oak | 1.001 | 0.997–1.005 |
| *Six weeks prior to DSRS* |  |  |
|  Maximum temperature | 1.014 | 0.992–1.037 |
|  Precipitation | 1.086 | 0.830–1.420 |
|  Snow coverage | 0.966 | 0.511–1.827 |
|  Sunshine hours | 1.013 | 0.959–1.070 |
|  Alder | 0.988 | 0.972–1.005 |
|  Mugwort | 1.091 | 0.933–1.275 |
|  Birch | 1.000 | 0.998–1.001 |
|  Hazel | 1.014 | 0.940–1.094 |
|  Grass | 1.019 | 0.998–1.040 |
|  Oak | 0.997 | 0.988–1.006 |

cOR: crude odds ratio; CI: confidence interval; DSRS: Depression Self-Rating Scale