Supplementary Table 2. Multiple logistic regression derived odds ratio (OR) for self-reported depressivesymptoms (EPDS ≥ 12) at 6 weeks postpartum (BASIC) in association with meteorological parameter or air pollen count.

|  |  |  |
| --- | --- | --- |
| Exposure | cOR | 95% CI |
| *Same day as EPDS* |  |  |
|  Maximum temperature | 0.997 | 0.987–1.008 |
|  Precipitation | 1.005 | 0.980–1.030 |
|  Snow coverage | 0.876 | 0.669–1.147 |
|  Sunshine hours | 0.991 | 0.972–1.010 |
|  Alder | 1.000 | 0.997–1.003 |
|  Mugwort | 0.995 | 0.993–1.060 |
|  Birch | 1.000 | 1.000–1.000 |
|  Hazel | 0.955 | 0.903–1.010 |
|  Grass | 1.000 | 0.991–1.008 |
|  Oak | 1.001 | 0.999–1.003 |
| *One week prior to EPDS* |  |  |
|  Maximum temperature | 0.998 | 0.987–1.009 |
|  Precipitation | 0.941 | 0.886–1.000 |
|  Snow coverage | 0.905 | 0.677–1.210 |
|  Sunshine hours | 0.991 | 0.966–1.016 |
|  Alder | 0.998 | 0.993–1.002 |
|  Mugwort | 1.007 | 0.947–1.070 |
|  Birch | 1.000 | 1.000–1.001 |
|  Hazel | 0.989 | 0.959–1.020 |
|  Grass | 0.998 | 0.988–1.009 |
|  Oak | 1.001 | 0.998–1.003 |
| *Six weeks prior to EPDS* |  |  |
|  Maximum temperature | 0.998 | 0.987–1.010 |
|  Precipitation | 0.967 | 0.848–1.103 |
|  Snow coverage | 0.893 | 0.653–1.222 |
|  Sunshine hours | 0.980 | 0.950–1.011 |
|  Alder | 1.000 | 0.993–1.006 |
|  Mugwort | 1.006 | 0.926–1.093 |
|  Birch | 1.000 | 0.999–1.001 |
|  Hazel | 1.018 | 0.973–1.066 |
|  Grass | 0.995 | 0.981–1.008 |
|  Oak | 1.000 | 0.996–1.005 |

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