Supplementary Table 4. Association between retinoblastoma and paternal employment in various industries from three months preconception to conception, restricted to individuals living in rural areas.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **All Retinoblastoma** | | | **Bilateral Retinoblastoma** | | |
|  | **Exposed Controls (N=1928)** | **Exposed Cases (N=87)** | **Crude OR** | **Adjusted OR (95% CI)** | **Exposed Cases (N=29)** | **Crude OR** | **Adjusted OR (95% CI)** |
| **Industry type** |  |  |  |  |  |  |  |
| Manufacturing | 562 | 36 | 1.74 | 1.76 (1.13, 2.74) | 12 | 1.61 | 1.60 (0.75, 3.43) |
| Food and drink industry | 106 | 7 | 1.51 | 1.54 (0.68. 3.47) | <5 | - | - |
| Paper and graphics industry | 40 | 3 | 2.14 | 2.15 (0.63, 7.28) | <5 | - | - |
| Iron and metal industry | 293 | 20 | 1.58 | 1.60 (0.95, 2.68) | 7 | 1.66 | 1.66 (0.69, 4.00) |
| Construction | 263 | 13 | 1.10 | 1.10 (0.60, 2.03) | <5 | - | - |
| Construction of roads and buildings | 161 | 9 | 1.31 | 1.33 (0.65, 2.74) | <5 | - | - |
| Wholesale and retail trade | 289 | 14 | 1.16 | 1.15 (0.63, 2.10) | 8 | 2.04 | 2.05 (0.84, 5.04) |
| General retail stores | 113 | 7 | 1.52 | 1.53 (0.68, 3.45) | 5 | 2.84 | 3.08 (1.06, 8.94) |
| Transportation and storage | 135 | 7 | 1.10 | 1.10 (0.49, 2.45) | <5 | - | - |
| Transportation on land | 101 | 4 | 0.78 | 0.78 (0.28, 2.20) | <5 | - | - |
| Professional, scientific and technical activities | 57 | 4 | 2.04 | 2.03 (0.70, 5.93) | <5 | - | - |
| Public admin and defense, compulsory social security | 284 | 4 | 0.26 | 0.25 (0.09, 0.70) | <5 | - | - |
| Human health and social work activities | 45 | 3 | 1.56 | 1.52 (0.44, 5.21) | <5 | - | - |

\*Adjusted for paternal age

- Estimates not provided for exposures with less than 5 exposed cases