**Online table 1:** Non-responder and responder characteristics

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Non-responders at 5 years | | Responders at 5 years | |  |
|  | N=3124 | | N=3635 | |  |
|  | n | % | n | % | *p* |
| **Gestational age, completed weeks** |  |  |  |  |  |
| <26 | 236 | 7.6 | 306 | 8.4 | <0.001 |
| 26-27 | 449 | 14.4 | 663 | 18.2 |  |
| 28-29 | 878 | 28.1 | 945 | 26.0 |  |
| 30-31 | 1561 | 50.0 | 1,721 | 47.4 |  |
| Total | 3124 | 100.0 | 3635 | 100.0 |  |
| **SGA (percentiles)** |  |  |  |  |  |
| <3rd | 613 | 19.6 | 776 | 21.4 | 0.199 |
| 3 – 9th | 378 | 12.1 | 419 | 11.5 |  |
| >10th | 2133 | 68.3 | 2440 | 67.1 |  |
| Total | 3124 | 100.0 | 3635 | 100.0 |  |
| **BPD** |  |  |  |  |  |
| No | 2600 | 85.1 | 3077 | 86.8 | 0.059 |
| Yes | 454 | 14.9 | 470 | 13.3 |  |
| Total | 3054 | 100.0 | 3547 | 100.0 |  |
| **Congenital anomalies** |  |  |  |  |  |
| No | 2872 | 91.9 | 3336 | 91.8 | 0.812 |
| Yes | 252 | 8.1 | 299 | 8.2 |  |
| Total | 3124 | 100.0 | 3635 | 100.0 |  |
| **Severe neonatal morbiditya** |  |  |  |  |  |
| No | 2690 | 89.2 | 3186 | 89.7 | 0.528 |
| Yes | 326 | 10.8 | 367 | 10.3 |  |
| Total | 3016 | 100.0 | 3553 | 100.0 |  |
| **Child sex** |  |  |  |  |  |
| Male | 1689 | 54.1 | 1938 | 53.3 |  |
| Female | 1434 | 45.9 | 1697 | 46.7 |  |
| Total | 3123 | 100.0 | 3635 |  |  |
| **Multiple birth** |  |  |  |  |  |
| Singleton or one surviving multiple | 2227 | 71.3 | 2567 | 70.6 | 0.520 |
| Multiples (twins, triplets or quadruplets) | 895 | 28.7 | 1068 | 29.4 |  |
| Total | 3122 | 100.0 | 3635 | 100.0 |  |
| **Maternal educationb\*** |  |  |  |  |  |
| Lower |  |  | 599 | 16.8 |  |
| Intermediate |  |  | 1483 | 41.5 |  |
| Higher |  |  | 1492 | 41.8 |  |
| Total |  |  | 3574 | 100.0 |  |
| **Employment status\*** |  |  |  |  |  |
| No parent unemployed |  |  | 3161 | 88.8 |  |
| At least one parent unemployed |  |  | 399 | 11.2 |  |
| Total |  |  | 3560 | 100.0 |  |
| **Maternal age at delivery** |  |  |  |  |  |
| ≤24 years | 695 | 22.4 | 428 | 11.8 | <0.001 |
| 25-34 years | 1736 | 55.9 | 2084 | 57.5 |  |
| ≥35 years | 677 | 21.8 | 1113 | 30.7 |  |
| Total | 3108 | 100.0 | 3625 | 100.0 |  |
| **Maternal country of birth** |  |  |  |  |  |
| Native | 2115 | 71.9 | 2890 | 79.9 | <0.001 |
| European-born | 184 | 6.3 | 243 | 6.7 |  |
| Born outside Europe | 643 | 21.9 | 486 | 13.4 |  |
| Total | 2942 | 100.0 | 3619 | 100.0 |  |
| **Parity** |  |  |  |  | <0.001 |
| Multiparous | 1458 | 47.1 | 1417 | 39.4 |  |
| Nulliparous | 1635 | 52.9 | 2177 | 60.6 |  |
| Total | 3093 | 100.0 | 3594 | 100.0 |  |
| **Country routine follow-up ratec\*** |  |  |  |  |  |
| Lower |  |  | 1714 | 47.2 |  |
| Higher |  |  | 1921 | 52.9 |  |
| Total |  |  | 3635 | 100.0 |  |

GA: Gestational age; SGA: small for gestational age; BPD: bronchopulmonary dysplasia

a Intraventricular hemorrhage grades III-IV, cystic periventricular leukomalacia, retinopathy of prematurity stages III-V or necrotizing enterocolitis requiring surgery

b Lower: ISCED levels 0–2 (lower secondary); intermediate: ISCED levels 3–5 (upper or post-secondary, non-tertiary or short cycle tertiary); higher: ISCED levels 6–8 (Bachelor degree or higher)

c Country routine follow-up rate is higher (at or above the mean of 27%): Portugal, Belgium, the Netherlands, France, Denmark and Sweden versus lower (below the mean): the UK, Germany, Estonia, Italy and Poland

\*Data not collected at baseline