## eTable 1. Estimated hazard ratios of eating disorders after exposure to pre- and perinatal factors. Females only.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Anorexia nervosa** | **Bulimia nervosa** | **Eating disorder not otherwise specified** |
|  |  | **HR (95% CI)**c | **HR (95% CI)**c | **HR (95% CI)**c |
| *Pregnancy complications* |  |  |  |  |
| Hemorrhage |  | 1.03 (0.87-1.21) | 0.82 (0.56-1.20) | 1.14 (0.96-1.36) |
| Placental disorders |  | 1.14 (0.78-1.65) | N/Ad | 0.90 (0.56-1.42) |
| Amniotic fluid disorders |  | 0.94 (0.63-1.39) | 1.15 (0.51-2.56) | 1.29 (0.89-1.87) |
| Genitourinary tract infections |  | **1.56 (1.20-2.03)** | 1.61 (0.91-2.86) | **1.48 (1.09-1.99)** |
| Diabetes  |  | 0.92 (0.63-1.35) | 1.45 (0.75-2.80) | 1.26 (0.88-1.81) |
| Hypertension |  | 0.87 (0.71-1.07) | 1.09 (0.73-1.61) | 0.99 (0.79-1.23) |
| Smoking  |  | **0.83 (0.77-0.89)** | 1.04 (0.92-1.17) | **1.09 (1.01-1.18)** |
| *Birth characteristics* |  |  |  |  |
| Maternal age  | <20 | **0.58 (0.43-0.78)** | 0.72 (0.48-1.08) | 0.94 (0.73-1.23) |
|  | 20-24 | **0.79 (0.72-0.87)** | 0.92 (0.80-1.05) | 1.04 (0.94-1.14) |
|  | 25-29 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | 30-34 | **1.10 (1.02-1.17)** | **1.12 (1.00-1.24)** | 1.04 (0.97-1.13) |
|  | 35-39 | 1.09 (0.99-1.21) | **1.18 (1.01-1.38)** | 1.04 (0.93-1.17) |
|  | ≥40 | 1.07 (0.84-1.36) | 1.00 (0.67-1.51) | 1.10 (0.84-1.43) |
| Paternal age  | <20 | **0.32 (0.16-0.65)** | 0.75 (0.38-1.51) | **0.47 (0.25-0.87)** |
|  | 20-24 | **0.79 (0.69-0.89)** | 0.98 (0.83-1.17) | 0.97 (0.85-1.10) |
|  | 25-29 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | 30-34 | 1.04 (0.96-1.11) | 1.11 (0.99-1.24) | 0.92 (0.85-1.00) |
|  | 35-39 | **1.14 (1.05-1.24)** | **1.18 (1.04-1.35)** | 1.02 (0.93-1.12) |
|  | 40-44 | 1.11 (0.98-1.27) | 1.11 (0.90-1.37) | 1.12 (0.97-1.29) |
|  | ≥45 | 1.05 (0.86-1.29) | 1.24 (0.92-1.68) | 1.10 (0.89-1.36) |
| Birth weight | <1500 | 1.27 (0.92-1.74) | 1.35 (0.82-2.20) | 1.30 (0.92-1.84) |
|  | 1500-2499 | 1.01 (0.88-1.17) | 0.92 (0.73-1.16) | 1.12 (0.96-1.30) |
|  | 2500-4499 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | ≥4500 | **0.76 (0.61-0.95)** | **1.37 (1.05-1.79)** | 0.96 (0.78-1.19) |
| Multiple birth | Singleton | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | Twin | **1.37 (1.19-1.58)** | 1.15 (0.89-1.48) | 1.11 (0.93-1.32) |
|  | Triplet/quadruplet | 1.68 (0.84-3.35) | **2.46 (1.02-5.91)** | 1.75 (0.83-3.67) |
| Method of delivery | Unassisted | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | Assisted  | 1.12 (1.00-1.26) | 0.94 (0.77-1.16) | 0.99 (0.87-1.14) |
|  | Cesarean section | **1.09 (1.00-1.18)** | 1.12 (0.98-1.27) | **1.15 (1.05-1.25)** |
| Apgar score | 0-6 | 1.20 (0.91-1.59) | 1.08 (0.69-1.68) | 1.23 (0.91-1.66) |
|  | 7-9 | 1.05 (0.93-1.19) | 1.08 (0.90-1.31) | 0.99 (0.86-1.14) |
|  | 10 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
| Gestational age | <33 | 1.29 (0.99-1.67) | 1.37 (0.92-2.05) | 1.23 (0.92-1.65) |
|  | 33-36 | **1.15 (1.00-1.32)** | 1.22 (0.99-1.50) | 1.14 (0.98-1.32) |
|  | 37-41 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | ≥42 | **0.89 (0.79-0.99)** | **0.83 (0.70-0.99)** | 0.90 (0.80-1.01) |
| Weight for gestational age | Small for gestational age | 0.97 (0.82-1.13) | 0.78 (0.59-1.02) | 1.10 (0.93-1.30) |
|  | Average for gestational age | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | Large for gestational age | 0.94 (0.80-1.10) | **1.37 (1.11-1.69)** | 1.12 (0.95-1.32) |
| *Perinatal conditions* |  |  |  |  |
| Infections |  | 1.15 (0.87-1.52) | 1.01 (0.56-1.84) | **1.43 (1.08-1.88)** |
| Digestive, endocrine or metabolic disorders |  | 0.96 (0.75-1.24) | 0.97 (0.57-1.65) | 1.27 (0.99-1.62) |
| Other perinatal conditions |  | **1.14 (1.00-1.28)** | 1.08 (0.84-1.38) | **1.18 (1.03-1.35)** |
| *Congenital malformations* |  |  |  |  |
| Congenital malformations of the mouth or digestive system |  | **1.62 (1.02-2.57)** | N/Ad | **2.10 (1.34-3.29)** |
| Other congenital malformations |  | 0.80 (0.64-0.99) | 0.97 (0.65-1.44) | 1.15 (0.94-1.41) |

Results that are statistically significant at α=0.05 are highlighted in bold

cAdjusted for age, calendar-time, and history of any maternal eating disorders. HR=hazard ratio. CI=confidence interval

dNot estimated due to few exposed cases

## eTable 2. Estimated hazard ratios of eating disorders after exposure to pre- and perinatal factors. Males only.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Anorexia nervosa** | **Bulimia nervosa** | **Eating disorder not otherwise specified** |
|  |  | **HR (95% CI)**e | **HR (95% CI)**e | **HR (95% CI)**e |
| *Pregnancy complications* |  |  |  |  |
| Hemorrhage |  | 1.08 (0.64-1.83) | 1.39 (0.18-10.86) | 1.42 (0.98-2.05) |
| Placental disorders |  | 0.77 (0.19-3.11) | N/Af | 0.93 (0.35-2.50) |
| Amniotic fluid disorders |  | **2.29 (1.02-5.16)** | N/Af | 0.64 (0.20-1.99) |
| Genitourinary tract infections |  | 0.83 (0.27-2.59) | N/Af | 0.59 (0.22-1.57) |
| Diabetes  |  | 0.75 (0.19-3.03) | N/Af | 1.67 (0.83-3.38) |
| Hypertension |  | 0.81 (0.40-1.63) | 2.04 (0.26-15.98) | 1.11 (0.69-1.78) |
| Smoking |  | 0.85 (0.65-1.10) | 1.39 (0.67-2.87) | 0.92 (0.74-1.14) |
| *Birth characteristics* |  |  |  |  |
| Maternal age  | <20 | 1.46 (0.71-2.98) | 1.15 (0.15-8.58) | 0.88 (0.41-1.86) |
|  | 20-24 | 1.00 (0.72-1.38) | 0.61 (0.23-1.65) | 1.11 (0.86-1.44) |
|  | 25-29 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | 30-34 | 1.19 (0.93-1.52) | 1.14 (0.58-2.25) | 1.04 (0.85-1.28) |
|  | 35-39 | 1.28 (0.91-1.79) | 0.48 (0.11-2.06) | 1.09 (0.82-1.45) |
|  | ≥40 | 0.83 (0.31-2.24) | N/Af | 1.38 (0.75-2.53) |
| Paternal age  | <20 | 2.44 (0.90-6.63) | N/Af | 1.26 (0.40-3.95) |
|  | 20-24 | 1.05 (0.69-1.61) | 1.04 (0.29-3.80) | 1.01 (0.71-1.45) |
|  | 25-29 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | 30-34 | 1.15 (0.89-1.49) | 1.65 (0.75-3.60) | 1.07 (0.86-1.33) |
|  | 35-39 | 1.16 (0.85-1.58) | 2.22 (0.94-5.24) | 1.26 (0.99-1.61) |
|  | 40-44 | 1.20 (0.75-1.90) | 0.62 (0.08-4.81) | 1.02 (0.68-1.51) |
|  | ≥45 | 1.42 (0.74-2.73) | N/Af | 1.33 (0.77-2.30) |
| Birth weight | <1500 | 0.91 (0.23-3.65) | N/Af | **3.64 (2.05-6.45)** |
|  | 1500-2499 | **1.63 (1.06-2.51)** | 1.28 (0.31-5.32) | 1.25 (0.83-1.87) |
|  | 2500-4499 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | ≥4500 | 1.21 (0.77-1.91) | 2.31 (0.82-6.50) | 1.13 (0.77-1.66) |
| Multiple birth | Singleton | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | Twin | **1.90 (1.24-2.93)** | 1.72 (0.42-7.14) | 1.33 (0.89-2.01) |
|  | Triplet/quadruplet | **4.66 (1.16-18.70)** | N/Af | N/Af |
| Method of delivery | Unassisted | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | Assisted  | 0.99 (0.68-1.45) | 0.31 (0.04-2.28) | 0.96 (0.69-1.33) |
|  | Cesarean section | 1.07 (0.81-1.42) | 0.80 (0.31-2.04) | **1.43 (1.16-1.77)** |
| Apgar score | 0-6 | 0.29 (0.04-2.04) | N/Af | 1.00 (0.41-2.41) |
|  | 7-9 | 1.48 (1.05-2.08) | 1.04 (0.32-3.35) | 1.18 (0.87-1.61) |
|  | 10 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
| Gestational age (weeks) | <33 | **2.56 (1.40-4.67)** | 2.23 (0.30-16.28) | **2.84 (1.77-4.55)** |
|  | 33-36 | 1.30 (0.85-1.98) | 0.53 (0.07-3.86) | 1.07 (0.73-1.58) |
|  | 37-41 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | ≥42 | 0.67 (0.43-1.04) | 1.61 (0.68-3.84) | 0.98 (0.71-1.33) |
| Weight for gestational age | Small for gestational age | 0.91 (0.50-1.65) | 1.37 (0.33-5.67) | **2.01 (1.42-2.85)** |
|  | Average for gestational age | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | Large for gestational age | 0.80 (0.45-1.42) | 1.21 (0.29-5.02) | 0.80 (0.49-1.29) |
| *Perinatal conditions* |  |  |  |  |
| Infections |  | 1.07 (0.48-2.41) | N/Af | 1.50 (0.88-2.57) |
| Digestive, endocrine or metabolic disorders |  | 1.02 (0.50-2.06) | N/Af | **1.58 (1.02-2.45)** |
| Other perinatal conditions |  | 0.90 (0.60-1.35) | 1.11 (0.25-4.92) | **1.45 (1.11-1.88)** |
| *Congenital malformations* |  |  |  |  |
| Congenital malformations of the mouth or digestive system |  | 1.82 (0.58-5.67) | N/Af | **3.21 (1.66-6.22)** |
| Other congenital malformations |  | 1.15 (0.64-2.06) | N/Af | 1.22 (0.80-1.88) |

Results that are statistically significant at α=0.05 are highlighted in bold

eAdjusted for age, calendar-time, and history of any maternal eating disorders. HR=hazard ratio. CI=confidence interval

fNot estimated due to few exposed cases

## eTable 3. Distribution of sex, pre- and perinatal factors in the cohort and in comparison disorder groups.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Depressive disorders** | **Anxiety disorder** | **Obsessive-compulsive disorder** |
|  |  | *N=20,147* | *N=15,205* | *N=7,640* |
|  |  | **No. (%)** | **No. (%)** | **No. (%)** |
| Sex | Female | 14,080 (69.89) | 9,834 (64.68) | 4,552 (59.58) |
|  | Male | 6,067 (30.11) | 5,371 (35.32) | 3,088 (40.42) |
| *Pregnancy complications* |  |  |  |  |
| Hemorrhage | No | 7,104 (35.26) | 6,636 (43.64) | 3,937 (51.53) |
|  | Yes | 532 (2.64) | 504 (3.31) | 333 (4.36) |
| Placental disorders | No | 7,575 (37.60) | 7,060 (46.43) | 4,209 (55.09) |
|  | Yes | 61 (0.30) | 80 (0.53) | 61 (0.80) |
| Amniotic fluid disorders | No | 7,553 (37.49) | 7,029 (46.23) | 4,214 (55.16) |
|  | Yes | 83 (0.41) | 111 (0.73) | 56 (0.73) |
| Genitourinary tract infections | No | 7,485 (37.15) | 6,981 (45.91) | 4,171 (54.59) |
|  | Yes | 151 (0.75) | 159 (1.05) | 99 (1.30) |
| Diabetes  | No | 7,521 (37.33) | 7,022 (46.18) | 4,202 (55.00) |
|  | Yes | 115 (0.57) | 118 (0.78) | 68 (0.89) |
| Hypertension | No | 7,246 (35.97) | 6,766 (44.50) | 4,032 (52.77) |
|  | Yes | 390 (1.94) | 374 (2.46) | 238 (3.12) |
| Smoking  | No | 9,192 (45.62) | 7,240 (47.62) | 4,342 (56.83) |
|  | Yes | 5,495 (27.27) | 4,412 (29.02) | 1,803 (23.60) |
| *Birth characteristics* |  |  |  |  |
| Maternal age  | <20 | 537 (2.67) | 429 (2.82) | 105 (1.37) |
|  | 20-24 | 4,112 (20.41) | 2,918 (19.19) | 1,119 (14.65) |
|  | 25-29 | 7,694 (38.19) | 5,739 (37.74) | 2,920 (38.22) |
|  | 30-34 | 5,605 (27.82) | 4,308 (28.33) | 2,479 (32.45) |
|  | 35-39 | 1,914 (9.50) | 1,573 (10.35) | 874 (11.44) |
|  | ≥40 | 285 (1.41) | 238 (1.57) | 143 (1.87) |
| Paternal age  | <20 | 159 (0.79) | 141 (0.93) | 33 (0.43) |
|  | 20-24 | 2,198 (10.91) | 1,641 (10.79) | 613 (8.02) |
|  | 25-29 | 6,510 (32.31) | 4,704 (30.94) | 2,294 (30.03) |
|  | 30-34 | 6,389 (31.71) | 4,835 (31.80) | 2,579 (33.76) |
|  | 35-39 | 3,245 (16.11) | 2,611 (17.17) | 1,480 (19.37) |
|  | 40-44 | 1,132 (5.62) | 856 (5.63) | 450 (5.89) |
|  | ≥45 | 514 (2.55) | 417 (2.74) | 191 (2.50) |
| Birth weight | <1500 | 165 (0.82) | 132 (0.87) | 76 (0.99) |
|  | 1500-2499 | 926 (4.60) | 748 (4.92) | 372 (4.87) |
|  | 2500-4499 | 18,276 (90.71) | 13,763 (90.52) | 6,880 (90.05) |
|  | ≥4500 | 622 (3.09) | 448 (2.95) | 247 (3.23) |
| Multiple birth | Singleton | 19,625 (97.41) | 14,787 (97.25) | 7,321 (95.82) |
|  | Twin | 500 (2.48) | 406 (2.67) | 306 (4.01) |
|  | Triplet/quadruplet | 22 (0.11) | 11 (0.07) | 12 (0.16) |
| Method of delivery | Unassisted | 16,230 (80.56) | 11,985 (78.82) | 5,775 (75.59) |
|  | Assisted  | 1,188 (5.90) | 965 (6.35) | 564 (7.38) |
|  | Cesarean section | 2,729 (13.55) | 2,255 (14.83) | 1,301 (17.03) |
| Apgar score | <7 | 220 (1.09) | 143 (0.94) | 77 (1.01) |
|  | 7-9 | 1,229 (6.10) | 988 (6.50) | 532 (6.96) |
|  | 10 | 18,501 (91.83) | 13,907 (91.46) | 6,944 (90.89) |
| Gestational age | <33 | 237 (1.18) | 209 (1.37) | 115 (1.51) |
|  | 33-36 | 898 (4.46) | 713 (4.69) | 407 (5.33) |
|  | 37-41 | 17,103 (84.89) | 12,904 (84.87) | 6,408 (83.87) |
|  | ≥42 | 1,690 (8.39) | 1,236 (8.13) | 632 (8.27) |
| Weight for gestational age | Small for gestational age | 839 (4.16) | 663 (4.36) | 316 (4.14) |
|  | Average for gestational age | 18,196 (90.32) | 13,739 (90.36) | 6,930 (90.71) |
|  | Large for gestational age | 816 (4.05) | 598 (3.93) | 281 (3.68) |
| *Perinatal conditions* |  |  |  |  |
| Infections | No | 9,245 (45.89) | 8,152 (53.61) | 4,673 (61.16) |
|  | Yes | 176 (0.87) | 189 (1.24) | 141 (1.85) |
| Digestive, endocrine or metabolic disorders | No | 9,167 (45.50) | 8,071 (53.08) | 4,629 (60.59) |
|  | Yes | 254 (1.26) | 270 (1.78) | 185 (2.42) |
| Other perinatal conditions | No | 8,427 (41.83) | 7,293 (47.96) | 4,188 (54.82) |
|  | Yes | 994 (4.93) | 1,048 (6.89) | 626 (8.19) |
| *Congenital malformations* |  |  |  |  |
| Congenital malformations of the mouth or digestive system | No | 9,371 (46.51) | 8,282 (54.47) | 4,774 (62.49) |
|  | Yes | 50 (0.25) | 59 (0.39) | 40 (0.52) |
| Other congenital malformations | No | 9,061 (44.97) | 7,953 (52.31) | 4,587 (60.04) |
|  | Yes | 360 (1.79) | 388 (2.55) | 227 (2.97) |

## eTable 4. Estimated hazard ratios of comparison disorders after exposure to pre- and perinatal factors.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Depressive disorders** | **Anxiety disorder** | **Obsessive-compulsive disorder** |
|  |  | **HR (95% CI)**g | **HR (95% CI)**g | **HR (95% CI)**g |
| *Pregnancy complications* |  |  |  |  |
| Hemorrhage |  | 1.07 (0.98-1.17) | 1.08 (0.99-1.19) | **1.21 (1.08-1.35)** |
| Placental disorders |  | **0.71 (0.55-0.91)** | 0.98 (0.79-1.23) | 1.23 (0.95-1.58) |
| Amniotic fluid disorders |  | 0.98 (0.79-1.22) | **1.30 (1.08-1.57)** | 1.00 (0.77-1.30) |
| Genitourinary tract infections |  | **1.27 (1.08-1.49)** | **1.30 (1.11-1.52)** | **1.26 (1.03-1.54)** |
| Diabetes  |  | **1.23 (1.02-1.48)** | **1.28 (1.07-1.54)** | 1.18 (0.93-1.50) |
| Hypertension |  | **1.13 (1.02-1.25)** | **1.14 (1.02-1.26)** | **1.20 (1.05-1.36)** |
| Smoking  |  | **1.37 (1.32-1.41)** | **1.49 (1.44-1.55)** | **1.10 (1.04-1.17)** |
| *Birth characteristics* |  |  |  |  |
| Maternal age  | <20 | **1.54 (1.41-1.68)** | **1.71 (1.55-1.89)** | 0.86 (0.71-1.05) |
|  | 20-24 | **1.28 (1.23-1.33)** | **1.26 (1.21-1.32)** | 0.99 (0.93-1.06) |
|  | 25-29 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | 30-34 | 1.01 (0.98-1.05) | 1.00 (0.97-1.04) | **1.08 (1.02-1.14)** |
|  | 35-39 | **1.07 (1.02-1.12)** | **1.11 (1.05-1.17)** | **1.12 (1.04-1.21)** |
|  | ≥40 | 1.11 (0.99-1.25) | **1.18 (1.04-1.35)** | **1.30 (1.10-1.54)** |
| Paternal age | <20 | **1.31 (1.12-1.54)** | **1.66 (1.40-1.96)** | 0.83 (0.59-1.17) |
|  | 20-24 | **1.22 (1.16-1.28)** | **1.30 (1.23-1.37)** | 1.03 (0.94-1.13) |
|  | 25-29 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | 30-34 | **0.93 (0.90-0.97)** | **0.94 (0.90-0.98)** | 0.98 (0.93-1.04) |
|  | 35-39 | 0.97 (0.93-1.01) | 1.03 (0.98-1.08) | **1.12 (1.05-1.20)** |
|  | 40-44 | 1.04 (0.97-1.10) | 1.04 (0.97-1.12) | 1.06 (0.96-1.18) |
|  | ≥45 | **1.19 (1.09-1.30)** | **1.31 (1.19-1.45)** | **1.19 (1.02-1.38)** |
| Birth weight | <1500 | **1.29 (1.11-1.50)** | **1.36 (1.15-1.62)** | **1.54 (1.23-1.93)** |
|  | 1500-2499 | **1.09 (1.02-1.16)** | **1.18 (1.10-1.27)** | **1.18 (1.06-1.30)** |
|  | 2500-4499 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | ≥4500 | 1.07 (0.98-1.15) | 0.95 (0.87-1.05) | 0.98 (0.86-1.11) |
| Multiple birth | Singleton | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | Twin | **0.82 (0.75-0.90)** | **0.85 (0.77-0.94)** | **1.23 (1.09-1.38)** |
|  | Triplet/quadruplet | 0.96 (0.63-1.45) | 0.64 (0.36-1.16) | 1.45 (0.82-2.55) |
| Method of delivery | Unassisted | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | Assisted  | **0.94 (0.89-1.00)** | 0.97 (0.91-1.03) | **1.12 (1.02-1.22)** |
|  | Cesarean section | 1.00 (0.96-1.04) | **1.06 (1.01-1.11)** | **1.21 (1.14-1.28)** |
| Apgar score | 0-6 | 1.10 (0.96-1.25) | 0.97 (0.83-1.15) | 1.11 (0.89-1.39) |
|  | 7-9 | 1.01 (0.95-1.07) | 1.05 (0.99-1.12) | **1.10 (1.01-1.21)** |
|  | 10 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
| Gestational age | <33 | **1.16 (1.02-1.32)** | **1.32 (1.15-1.51)** | **1.39 (1.16-1.67)** |
|  | 33-36 | 1.03 (0.96-1.10) | 1.06 (0.98-1.14) | **1.17 (1.06-1.30)** |
|  | 37-41 | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | ≥42 | **0.95 (0.90-0.99)** | **0.93 (0.88-0.99)** | 0.98 (0.91-1.07) |
| Weight for gestational age | Small for gestational age | **1.17 (1.09-1.25)** | **1.25 (1.16-1.35)** | **1.21 (1.08-1.35)** |
|  | Average for gestational age | 1.00 (ref) | 1.00 (ref) | 1.00 (ref) |
|  | Large for gestational age | **1.10 (1.02-1.18)** | 1.05 (0.97-1.14) | 0.96 (0.86-1.09) |
| *Perinatal conditions* |  |  |  |  |
| Infections |  | 1.05 (0.91-1.22) | **1.19 (1.03-1.37)** | **1.45 (1.23-1.72)** |
| Digestive, endocrine or metabolic disorders |  | 1.10 (0.97-1.25) | **1.21 (1.07-1.36)** | **1.31 (1.13-1.52)** |
| Other perinatal conditions |  | 1.04 (0.98-1.11) | **1.20 (1.13-1.29)** | **1.20 (1.10-1.30)** |
| *Congenital malformations* |  |  |  |  |
| Congenital malformations of the mouth or digestive system |  | 1.06 (0.80-1.40) | **1.33 (1.03-1.72)** | **1.48 (1.09-2.02)** |
| Other congenital malformations |  | 0.99 (0.89-1.10) | **1.15 (1.03-1.27)** | 1.10 (0.96-1.26) |

Results that are statistically significant at α=0.05 are highlighted in bold

gAdjusted for sex, age, calendar-time, and history of the same psychiatric disorder. HR=hazard ratio. CI=confidence interval