## Table 1. Sex-specific mean values (standard deviations) and proportions of baseline characteristics at age of 6 years between participants and non-participants

| Types of feeding          | Boys                                                  | Girls                                                  |
|--------------------------|-------------------------------------------------------|--------------------------------------------------------|
|                          | Participants | Non-Participants | Participants | Non-Participants |
|                          | (n=1,061)    | (n=1,197)        | (n=938)      | (n=1,094)        |
| Formula feeding, %       | 41.8         | 42.0             | 39.1         | 39.9             |
| Mixed feeding, %         | 27.0         | 30.2             | 28.5         | 28.1             |
| Breast feeding, %        | 31.2         | 27.8             | 32.4         | 32.0             |
| Birth height, cm         | 50.0 (1.8)   | 50.1 (1.9)       | 49.4 (1.8)   | 49.5 (1.8)       |
| Birth weight, kg         | 3.3 (0.4)    | 3.2 (0.4)        | 3.1 (0.3)    | 3.2 (0.3)        |
| Height at age of 3 years | 94.9 (3.5)   | 94.9 (3.6)       | 93.5 (3.4)   | 93.7 (3.5)       |
| Weight at age of 3 years | 14.7 (1.6)   | 14.7 (1.7)       | 14.1 (1.6)   | 14.2 (1.7)       |
| Body mass index at age of 3 years | 16.3 (1.2) | 16.3 (1.3) | 16.1 (1.2) | 16.1 (1.3) |
| Overweight at age of 3 years | 8.1         | 8.4             | 11.6         | 12.0             |
| Having brothers or sisters, % | 78.0       | 78.7            | 77.7         | 76.8             |
| Waking up late ≥9 am, %  | 4.2          | 4.1             | 6.5          | 5.3              |
| Sleeping late ≥11 pm, %  | 5.0          | 5.7             | 6.3          | 5.4              |
| Active body movements, % | 90.7         | 92.7            | 88.9         | 89.8             |
| Playing outside, %       | 94.9         | 95.0            | 94.5         | 94.7             |
| Paternal height, cm      | 170.5 (5.6)  | 170.7 (5.5)      | 170.1 (5.5)  | 170.5 (5.6)      |
| Paternal weight, kg      | 67.1 (9.4)   | 67.4 (9.4)       | 67.3 (9.2)   | 66.9 (9.2)       |
| Paternal body mass Index, kg/m² | 23.1 (2.8) | 23.1 (2.9) | 23.3 (2.8) | 23.0 (2.7) |
| Paternal overweight, %   | 22.7         | 23.5            | 25.1         | 21.6             |
| Father employed, %       | 84.1         | 81.3            | 81.0         | 82.4             |
| Maternal height, cm      | 157.1 (5.0)  | 157.5 (5.1)      | 157.3 (5.0)  | 157.1 (4.8)      |
| Maternal weight, kg      | 52.6 (6.8)   | 52.6 (7.2)       | 52.3 (6.6)   | 52.3 (6.9)       |
| Maternal body mass Index, kg/m² | 21.3 (2.6) | 21.2 (2.6) | 21.1 (2.5) | 21.2 (2.6) |
| Maternal overweight, %   | 8.3          | 8.2             | 7.3          | 8.6              |
| Mother employed, %       | 21.1         | 21.6            | 22.3         | 21.5             |

*P<0.05, **P<0.01, ***P<0.001, compared with participants, tested using the Student t-test or chi-square analysis

“Non-participants” refers to those who dropped out of the study at the age of 6 years.
| Types of feeding          | Boys          |                  |                  | Girls          |                  |                  |
|--------------------------|---------------|-----------------|-----------------|----------------|-----------------|-----------------|
|                          | Participants  | Non-Participants|                  | Participants   | Non-Participants|                  |
|                          | (n=1,234)     |                 |                 | (n=993)        |                 |                 |
|                          | (n=1,024)     |                 |                 | (n=1,039)      |                 |                 |
| Formula feeding, %       | 42.1          | 41.6            | 41.0            | 38.2           |                 |                 |
| Mixed feeding, %         | 27.3          | 30.4            | 27.1            | 29.4           |                 |                 |
| Breast feeding, %        | 30.6          | 28.0            | 31.9            | 32.4           |                 |                 |
| Birth height, cm         | 50.1 (1.8)    | 50.1 (1.9)      | 49.4 (1.9)      | 49.4 (1.8)     |                 |                 |
| Birth weight, kg         | 3.3 (0.4)     | 3.2 (0.4)       | 3.2 (0.4)       | 3.1 (0.3)      |                 |                 |
| Height at age of 3 years | 94.9 (3.5)    | 94.9 (3.6)      | 93.6 (3.3)      | 93.5 (3.5)     |                 |                 |
| Weight at age of 3 years | 14.7 (1.6)    | 14.7 (1.8)      | 14.1 (1.6)      | 14.1 (1.7)     |                 |                 |
| Body mass index at age of 3 years | 16.3 (1.2) | 16.3 (1.3) | 16.1 (1.2) | 16.1 (1.3) |                 |                 |
| Overweight at age of 3 years | 7.9           | 8.7             | 12.2            | 11.5           |                 |                 |
| Having brothers or sisters, % | 80.6          | 75.7**          | 81.6            | 73.1***        |                 |                 |
| Waking up late ≥ 9 am, % | 3.6           | 4.9             | 5.2             | 6.4            |                 |                 |
| Sleeping late ≥11 pm, %  | 4.4           | 6.5*            | 4.9             | 6.6            |                 |                 |
| Active body movements, % | 91.8          | 91.7            | 90.1            | 88.6           |                 |                 |
| Playing outside, %       | 94.4          | 95.6            | 96.1            | 93.2*          |                 |                 |
| Paternal height, cm      | 170.5 (5.6)   | 170.8 (5.6)     | 170.1 (5.5)     | 170.5 (5.6)    |                 |                 |
| Paternal weight, kg      | 67.1 (9.3)    | 67.4 (9.5)      | 67.1 (8.8)      | 67.1 (9.5)     |                 |                 |
| Paternal body mass Index, kg/m² | 23.1 (2.8) | 23.1 (3.0) | 23.2 (2.7) | 23.1 (2.8) |                 |                 |
| Paternal overweight, %   | 23.0          | 23.3            | 22.9            | 23.6           |                 |                 |
| Father employed, %       | 82.7          | 82.4            | 80.2            | 83.3           |                 |                 |
| Maternal height, cm      | 157.0 (5.0)   | 157.6 (5.1)**   | 157.2 (4.9)     | 157.2 (4.9)    |                 |                 |
| Maternal weight, kg      | 52.5 (6.9)    | 52.8 (7.2)      | 52.2 (6.5)      | 52.4 (7.0)     |                 |                 |
| Maternal body mass Index, kg/m² | 21.3 (2.5) | 21.2 (2.7) | 21.1 (2.5) | 21.2 (2.7) |                 |                 |
| Maternal overweight, %   | 7.8           | 8.8             | 7.7             | 8.3            |                 |                 |
| Mother employed, %       | 24.6          | 17.5***         | 24.4            | 19.4**         |                 |                 |

*P<0.05, **P<0.01, ***P<0.001, compared with participants, tested using the Student t-test or chi-square analysis

“Non-participants” refers to those who dropped out of the study at the age of 12 years.
### Table 3. Sex-specific mean values (standard deviations) and proportions of baseline characteristics at age of 22 years between participants and non-participants

| Types of feeding         | Boys Participants (n=771) | Boys Non-Participants (n=1,487) | Girls Participants (n=688) | Girls Non-Participants (n=1,344) |
|--------------------------|--------------------------|---------------------------------|-----------------------------|---------------------------------|
| Formula feeding, %       | 39.7                     | 43.0                            | 41.1                        | 38.8                            |
| Mixed feeding, %         | 28.8                     | 28.6                            | 27.8                        | 28.5                            |
| Breast feeding, %        | 31.5                     | 28.3                            | 31.1                        | 32.7                            |
| Birth height, cm         | 50.1 (1.9)               | 50.1 (1.8)                      | 49.4 (2.0)                  | 49.4 (1.8)                      |
| Birth weight, kg         | 3.3 (0.4)                | 3.3 (0.4)                       | 3.2 (0.3)                   | 3.2 (0.4)                       |
| Height at age of 3 years | 95.0 (3.4)               | 94.9 (3.6)                      | 93.7 (3.4)                  | 93.5 (3.5)                      |
| Weight at age of 3 years | 14.7 (1.5)               | 14.7 (1.8)                      | 14.2 (1.6)                  | 14.1 (1.7)                      |
| Body mass index at age of 3 years | 16.3 (1.2) | 16.3 (1.3) | 16.2 (1.2) | 16.1 (1.3) |
| Overweight at age of 3 years | 7.7                     | 8.6                             | 12.2                        | 11.6                            |
| Having brothers or sisters, % | 81.6                    | 76.7**                          | 80.4                        | 75.6*                           |
| Waking up late ≥9 am, %  | 3.2                      | 4.6                             | 5.8                         | 5.9                             |
| Sleeping late ≥11 pm, %  | 3.9                      | 6.1*                            | 4.5                         | 6.5                             |
| Active body movements, % | 92.3                     | 91.5                            | 87.5                        | 90.3                            |
| Playing outside, %       | 94.9                     | 95.0                            | 95.2                        | 94.3                            |
| Paternal height, cm      | 170.4 (5.7)              | 170.7 (5.5)                     | 170.2 (5.4)                 | 170.4 (5.6)                     |
| Paternal weight, kg      | 66.8 (9.4)               | 67.5 (9.4)                      | 67.1 (9.0)                  | 67.1 (9.3)                      |
| Paternal body mass Index, kg/m² | 23.0 (2.8) | 23.2 (3.0) | 23.2 (2.7) | 23.1 (2.8) |
| Paternal overweight, %   | 21.1                     | 24.2                            | 23.1                        | 23.3                            |
| Father employed, %       | 83.3                     | 82.2                            | 81.1                        | 82.1                            |
| Maternal height, cm      | 157.1 (5.1)              | 157.4 (5.1)                     | 157.2 (4.9)                 | 157.2 (4.9)                     |
| Maternal weight, kg      | 52.4 (6.7)               | 52.7 (7.2)                      | 52.4 (6.7)                  | 52.2 (6.8)                      |
| Maternal body mass Index, kg/m² | 21.2 (2.4) | 21.3 (2.7) | 21.2 (2.5) | 21.1 (2.6) |
| Maternal overweight, %   | 7.6                      | 8.6                             | 8.2                         | 7.9                             |
| Mother employed, %       | 24.8                     | 19.6**                          | 24.1                        | 20.7                            |

*P<0.05, **P<0.01, ***P<0.001, compared with participants, tested using the Student t-test or chi-square analysis

“Non-participants” refers to those who dropped out of the study at the age of 22 years.
Table 4. Sex-specific mean values (standard deviations) and proportions of baseline characteristics among participants at age of 6 years

| Types of feeding          | Boys                        |                                  | Girls                       |                                  |
|---------------------------|-----------------------------|----------------------------------|-----------------------------|----------------------------------|
|                           | Formula feeding (n=443)      | Mixed feeding (n=287)            | Breast feeding (n=331)      | Formula feeding (n=367)          | Mixed feeding (n=267)            | Breast feeding (n=304)            |
| Birth height, cm          | 50.0 (1.9)                  | 50.2 (1.8)                       | 50.0 (1.7)                  | 49.2 (1.7)                       | 49.3 (1.9)                       | 49.6 (1.9)**                      |
| Birth weight, kg          | 3.2 (0.4)                   | 3.3 (0.4)                        | 3.3 (0.4)                   | 3.1 (0.3)                        | 3.2 (0.4)*                       | 3.2 (0.3)*                        |
| Height at age of 3 years, cm | 94.9 (3.5)                | 95.1 (3.3)                       | 94.7 (3.5)                  | 93.4 (3.3)                       | 93.7 (3.5)                       | 93.4 (3.3)                        |
| Weight at age of 3 years, kg | 14.7 (1.6)                | 14.8 (1.6)                       | 14.6 (1.6)                  | 14.1 (1.6)                       | 14.2 (1.6)                       | 14.0 (1.6)                        |
| Body mass index at age of 3 years, kg/m² | 16.3 (1.2)                | 16.3 (1.2)                       | 16.2 (1.1)                  | 16.2 (1.2)                       | 16.1 (1.2)                       | 16.0 (1.2)                        |
| Overweight at age of 3 years, % | 9.3                      | 8.9                              | 5.8                         | 13.3                             | 9.6                              | 11.5                             |
| Having brothers or sisters, % | 73.1                      | 79.1                             | 83.4***                     | 77.7                             | 73.4                             | 81.6                             |
| Waking up late ≥9 am, %   | 5.2                        | 3.5                              | 3.6                         | 6.8                              | 6.4                              | 6.3                              |
| Sleeping late ≥11 pm, %   | 5.2                        | 4.2                              | 5.4                         | 5.7                              | 7.9                              | 5.6                              |
| Active body movements, %  | 89.4                       | 92.7                             | 90.6                        | 89.1                             | 90.6                             | 87.2                             |
| Playing outside, %        | 92.6                       | 96.2*                            | 97.0**                      | 94.0                             | 94.0                             | 95.4                             |
| Paternal height, cm       | 170.2 (5.5)                | 170.4 (6.0)                      | 171.1 (5.4)**               | 170.1 (5.4)                      | 169.8 (5.6)                      | 170.4 (5.6)                       |
| Paternal weight, kg       | 66.3 (9.4)                 | 68.2 (10.1)**                    | 67.4 (8.7)                  | 66.9 (8.8)                       | 67.3 (9.5)                       | 67.8 (9.3)                       |
| Paternal body mass Index, kg/m² | 22.8 (2.9)                | 23.5 (2.9)**                     | 23.0 (2.7)                  | 23.1 (2.7)                       | 23.3 (2.9)                       | 23.3 (2.8)                       |
| Paternal overweight, %    | 20.3                       | 27.2*                            | 22.0                        | 21.1                             | 28.3*                            | 27.2                             |
| Father employed, %        | 83.5                       | 87.1                             | 82.2                        | 82.3                             | 80.5                             | 79.9                             |
| Maternal height, cm       | 156.9 (5.2)                | 157.1 (4.8)                      | 157.4 (4.9)                 | 157.1 (4.9)                      | 157.5 (5.1)                      | 157.2 (4.9)                       |
| Maternal weight, kg       | 52.8 (7.6)                 | 52.8 (6.7)                       | 52.2 (5.8)                  | 52.3 (6.7)                       | 52.4 (6.5)                       | 52.2 (6.5)                       |
| Maternal body mass Index, kg/m² | 21.4 (2.8)                | 21.4 (2.5)                       | 21.1 (2.1)*                 | 21.2 (2.5)                       | 21.1 (2.4)                       | 21.1 (2.5)                       |
| Maternal overweight, %    | 11.0                       | 8.1                              | 4.9**                       | 8.0                              | 6.8                              | 7.0                              |
| Mother employed, %        | 27.1                       | 22.3                             | 12.1***                     | 25.3                             | 27.3                             | 14.1***                          |

*P<0.05, **P<0.01, ***P<0.001, compared with formula feeding, tested using the analysis of variance
Table 5. Sex-specific mean values (standard deviations) and proportions of baseline characteristics among participants at age of 12 years

| Types of feeding                      | Boys                      | Girls                      |
|---------------------------------------|---------------------------|----------------------------|
|                                       | Formula feeding           | Mixed feeding              | Breast feeding             |
|                                       | (n=520)                   | (n=337)                    | (n=377)                    |
|                                       |                           |                           |                           |
| Birth height, cm                      | 50.0 (1.8)                | 50.1 (1.8)                 | 50.1 (1.7)                 |
| Birth weight, kg                      | 3.2 (0.4)                 | 3.3 (0.4)                  | 3.3 (0.4)                  |
| Height at age of 3 years, cm          | 94.9 (3.5)                | 94.9 (3.5)                 | 94.8 (3.4)                 |
| Weight at age of 3 years, kg          | 14.7 (1.7)                | 14.8 (1.6)                 | 14.6 (1.5)                 |
| Body mass index at age of 3 years, kg/m² | 16.3 (1.3)               | 16.4 (1.2)                 | 16.2 (1.1)                 |
| Overweight at age of 3 years, %       | 9.6                       | 8.4                       | 5.1*                       |
| Having brothers or sisters, %         | 76.9                      | 81.6                      | 84.6**                     |
| Waking up late ≥9 am, %               | 4.4                       | 3.0                       | 2.9                        |
| Sleeping late ≥11 pm, %               | 4.2                       | 3.6                       | 5.3                        |
| Active body movements, %              | 90.4                      | 93.5                      | 92.3                       |
| Playing outside, %                    | 93.8                      | 94.7                      | 95.0                       |
| Paternal height, cm                   | 170.2 (5.6)               | 170.4 (5.5)               | 171.0 (5.6)*               |
| Paternal weight, kg                   | 66.5 (9.3)                | 67.7 (9.7)                | 67.4 (9.0)                 |
| Paternal body mass Index, kg/m²       | 22.9 (2.8)                | 23.3 (2.9)                | 23.1 (2.8)                 |
| Paternal overweight, %                | 21.9                      | 25.2                      | 22.5                       |
| Father employed, %                    | 83.3                      | 83.4                      | 81.4                       |
| Maternal height, cm                   | 156.7 (5.2)               | 157.2 (4.8)               | 157.3 (5.0)*               |
| Maternal weight, kg                   | 52.6 (7.6)                | 52.5 (6.6)                | 52.3 (6.1)                 |
| Maternal body mass Index, kg/m²       | 21.4 (2.8)                | 21.3 (2.4)                | 21.1 (2.2)                 |
| Maternal overweight, %                | 10.2                      | 6.3*                      | 6.0*                       |
| Mother employed, %                    | 29.0                      | 27.6                      | 15.6***                    |

*P<0.05, **P<0.01, ***P<0.001, compared with formula feeding, tested using the analysis of variance
### Table 6. Sex-specific mean values (standard deviations) and proportions of baseline characteristics among participants at age of 22 years

| Types of feeding       | Boys                           | Girls                          |
|------------------------|--------------------------------|--------------------------------|
|                        | Formula feeding (n=306) | Mixed feeding (n=222) | Breast feeding (n=243) | Formula feeding (n=283) | Mixed feeding (n=191) | Breast feeding (n=214) |
| Birth height, cm       | 50.0 (1.9)                  | 50.1 (1.9)                  | 50.2 (1.7)              |                         |                         |                         |
| Birth weight, kg       | 3.2 (0.4)                   | 3.3 (0.4)                   | 3.3 (0.4)*              | 3.1 (0.3)               | 3.2 (0.3)               | 3.2 (0.3)               |
| Height at age of 3 years, cm | 95.0 (3.5)          | 94.9 (3.1)                  | 94.9 (3.5)              | 93.8 (3.4)              | 93.9 (3.3)              | 93.5 (3.3)              |
| Weight at age of 3 years, kg | 14.7 (1.5)          | 14.8 (1.5)                  | 14.6 (1.5)              | 14.2 (1.6)              | 14.3 (1.5)              | 14.1 (1.5)              |
| Body mass index at age of 3 years, kg/m² | 16.2 (1.2)       | 16.4 (1.1)*                  | 16.2 (1.2)              | 14.1                     | 10.2                     | 11.5                     |
| Overweight at age of 3 years, % | 7.9                       | 9.6                        | 5.5                     |                         |                         |                         |
| Having brothers or sisters, % | 77.8                     | 81.5                       | 86.4**                  | 75.6                    | 82.7                    | 84.6*                    |
| Waking up late ≥ 9 am, % | 3.9                       | 3.2                        | 2.5                     |                         |                         |                         |
| Sleeping late ≥ 11 pm, % | 3.6                       | 3.6                        | 4.5                     |                         |                         |                         |
| Active body movements, % | 92.5                     | 93.7                       | 90.9                    | 88.3                    | 88.0                    | 86.0                    |
| Playing outside, %      | 94.8                       | 93.7                       | 96.3                    | 94.3                    | 95.3                    | 96.3                    |
| Paternal height, cm     | 170.3 (5.7)                 | 170.2 (5.8)                 | 170.7 (5.8)             | 170.1 (5.3)             | 170.1 (5.1)             | 170.5 (6.0)             |
| Paternal weight, kg     | 66.6 (9.7)                  | 67.1 (9.9)                  | 66.7 (8.5)              | 66.5 (8.6)              | 67.2 (8.7)              | 67.9 (9.8)              |
| Paternal body mass Index, kg/m² | 22.9 (2.9)       | 23.2 (2.8)                  | 22.9 (2.6)              | 23.0 (2.7)              | 23.2 (2.7)              | 23.3 (2.8)              |
| Paternal overweight, %  | 20.1                       | 23.0                       | 20.7                    | 18.9                    | 27.8*                   | 24.6                    |
| Father employed, %      | 83.3                       | 86.5                       | 80.2                    | 83.7                    | 80.6                    | 78.0                    |
| Maternal height, cm     | 156.7 (5.2)                 | 157.1 (4.8)                 | 157.5 (5.2)             | 157.2 (4.9)             | 157.4 (5.2)             | 157.0 (4.4)             |
| Maternal weight, kg     | 52.2 (7.3)                  | 52.6 (6.4)                  | 52.4 (6.1)              | 52.1 (6.8)              | 52.7 (6.1)              | 52.6 (7.0)              |
| Maternal body mass Index, kg/m² | 21.2 (2.7)       | 21.3 (2.3)                  | 21.1 (2.2)              | 21.1 (2.6)              | 21.3 (2.3)              | 21.3 (2.6)              |
| Maternal overweight, %  | 10.2                       | 6.0                        | 5.9                     | 7.5                     | 8.0                     | 9.5                     |
| Mother employed, %      | 29.7                       | 28.8                       | 14.8***                 | 25.8                    | 30.9                    | 15.9*                   |

*P<0.05, **P<0.01, ***P<0.001, compared with formula feeding, tested using the analysis of variance