### S3 Table

Mean (standard deviation, SD) body weight (kg) in SAMINOR 1 (2003-2004) and longitudinal changes in body weight (kg) (95 % confidence interval) from SAMINOR 1 to SAMINOR 2 (2012-2014) according to ethnic group in women\(^a\) born between 1934 and 1967 (aged 36 – 69 in SAMINOR 1) who attended both surveys. The SAMINOR Study (n=1955).

| Birth year (years) | Age in 2003 (years) | Number of participants | Mean body weight, kg (SD) in SAMINOR 1 | Change in weight, kg (95 % CI) between SAMINOR 1 and SAMINOR 2 |
|-------------------|---------------------|------------------------|----------------------------------------|---------------------------------------------------------------|
| Sami              |                     |                        |                                         |                                                               |
| 1964-1967         | 36-39               | 67                     | 67.0 (12.0)                             | 3.5 (2.3, 4.8)                                                 |
| 1959-1963         | 40-44               | 116                    | 68.0 (11.3)                             | 2.6 (1.6, 3.5)                                                 |
| 1954-1958         | 45-49               | 159                    | 69.0 (11.1)                             | 1.6 (0.7, 2.6)                                                 |
| 1949-1953         | 50-54               | 165                    | 69.1 (12.0)                             | -0.3 (-1.1, 0.5)                                               |
| 1944-1948         | 55-59               | 135                    | 70.8 (11.4)                             | -1.5 (-2.5, -0.4)                                             |
| 1939-1943         | 60-64               | 78                     | 71.0 (12.6)                             | -1.8 (-3.0, -0.6)                                             |
| 1934-1938         | 65-69               | 69                     | 70.5 (12.9)                             | -3.5 (-4.6, -2.4)                                             |
|                   |                     | 789                    |                                         |                                                               |
|                   |                     | All Sami               | 69.3 (11.8)                             | 0.2 (-0.2, 0.6)                                               |
|                   |                     | p-value for linear trend| 0.007                                  | < 0.001                                                       |
| Non-Sami          |                     |                        |                                         |                                                               |
| 1964-1967         | 36-39               | 95                     | 68.7 (11.7)                             | 3.0 (1.8, 4.2)                                                 |
| 1959-1963         | 40-44               | 154                    | 70.6 (12.0)                             | 1.7 (0.6, 2.7)                                                 |
| 1954-1958         | 45-49               | 182                    | 72.4 (12.8)                             | 0.6 (-0.4, 1.5)                                                |
| 1949-1953         | 50-54               | 234                    | 71.0 (11.6)                             | 0.5 (-0.3, 1.2)                                                |
| 1944-1948         | 55-59               | 228                    | 72.5 (13.7)                             | 0.3 (-0.6, 1.2)                                                |
| 1939-1943         | 60-64               | 163                    | 72.7 (12.8)                             | -1.0 (-2.0, 0)                                                 |
| 1934-1938         | 65-69               | 110                    | 71.8 (10.7)                             | -2.9 (-4.3, -1.6)                                              |
|                   |                     | All non-Sami           | 71.6 (12.4)                             | 0.3 (-0.1, 0.7)                                               |
|                   |                     | p-value for linear trend| 0.03                                  | < 0.001                                                       |

\(^a\) Information about ethnic group was missing for 3 women.