**ICAD\_Subscap\_s - Harmonisation Notes**

*Studies (wave) with relevant data (n=18)*

Ballabeina (1,2), CoSCIS (1,2,3), EYHS Denmark (1,2,3), EYHS Estonia, EYHS Norway (1), EYHS Portugal (1,2), KISS (1,2,3), NHANES 2003-04, NHANES 2005-06, Pelotas (1,3)

*Assessment characteristics*

Respondent: Researcher assessed in all studies

Constructs: Measured in millimetres in all studies

Timing:

*Variable(s) created*

|  |  |
| --- | --- |
| **Name** | **Description / Coding** |
| ICAD\_Subscap\_s | Skinfold thickness in millimetres  Coding: missing (.) |

*Studies / waves included in each harmonised variable*

|  |  |
| --- | --- |
| **Name** | **Study** |
| ICAD\_Subscap\_s | Ballabeina (1,2)  CoSCIS (1,2,3)  EYHS Denmark (1,2,3)  EYHS Estonia  EYHS Norway (1)  EYHS Portugal (1,2)  KISS (1,2,3)  NHANES 2003-04  NHANES 2005-06  Pelotas (1,3) |

Excluded studies / waves

|  |  |
| --- | --- |
| **Study / wave**  **Variable** | **Rationale** |
| Pelotas W3 | No accelerometer data in this wave |

*Item selection / prioritisation*

Some studies have provided the mean value of two or three measurements, therefore to ensure comparability the mean was calculated in those studies that provided the single measurements.

*Study specific notes*

**Ballabeina:** SF thickness was measured in triplicate to the nearest 0.5 mm with Harpenden calipers (HSK-BI British Indicators UK) calibrated to exert a pressure of 10 g/cm2 to the skin. The mean value was used to make the harmonised variable.

**CoSCIS:** Skinfolds were measured to the nearest millimetre in triplicate with Harpenden calipers (Baty International West Sussex UK). All skinfold measurements were taken on the self-reported nondominant side of the body by the same two skilled researchers. The mean value was used to make the harmonised variable.

**EYHS Denmark:** Left arm, mean of two measurements were used to make the harmonised variable (If there was a difference of >2 mm, a third measurement was taken and the mean of the two closest measurements was used). Harpenden calipers.

**EYHS Estonia:** Same as EYHS Denmark.

**EYHS Norway:** Same as EYHS Denmark.

**EYHS Portugal:** Same as EYHS Denmark.

**KISS:** Skinfold thickness was measured in triplicate to the nearest 0.5 mm with Harpenden calipers (HSK-BI British Indicators UK) calibrated to exert a pressure of 10 g/cm2 to the skin. This variable is the mean of the three measures.

**NHANES 2003-04:** Right arm

**NHANES 2005-06:** Right arm

**Pelotas:** Subscapular skinfolds were measured to the nearest 0.1mm using Scientific Cescorf calipers. In wave 1 the mean of three measurements was provided. No information on measurement protocol provided in wave 3.

*Missing data*