**ICAD\_Ldl\_chol - harmonisation Notes**

*Studies (wave) with relevant data (n=9)*

ALSPAC (1,3,4), CoSCIS (1,2,3), EYHS Denmark (1,2), EYHS Estonia, EYHS Norway (1), EYHS Portugal (1,2), KISS (1,2,3), NHANES 2003-04, NHANES 2005-06, Pelotas (3)

*Assessment characteristics*

Respondent: Researcher assessed (all studies)

Constructs: Fasting Ldl cholesterol. All blood samples were drawn from fasting individuals unless otherwise specified.

Timing:

*Variable(s) created*

|  |  |
| --- | --- |
| **Name** | **Description / Coding** |
| **ICAD\_ldl\_chol** | **LDL cholesterol (mmol/L)**  **Coding: Missing (.)** |

Variable derived for all available waves within each study.

*Studies / waves included in each harmonised variable*

|  |  |
| --- | --- |
| **Name** | **Study** |
| ICAD\_ldl\_chol | ALSPAC (1,3,4)  CoSCIS (1,2,3)  EYHS Denmark (1,2)  EYHS Estonia  EYHS Norway (1)  EYHS Portugal (1,2)  KISS (1,2,3)  NHANES 2003-04  NHANES 2005-06  Pelotas (3) |
|  |  |

Excluded studies / waves

|  |  |
| --- | --- |
| **Study / wave**  **Variable** | **Rationale** |
|  |  |
| Pelotas | Blood samples were non-fasting and collected at the 18-yr-followup so not included in the harmonized variables. |

*Item selection / prioritisation*

*Study specific notes*

* **CoSCIS (1,2,3):** LDL was computed for W3 using the Friedeman equation (Total cholesterol – HDL – (Triglycerides/2,17)
* **EYHS Estonia:** LDL was computed for W3 using the Friedeman equation (Total cholesterol – HDL – (Triglycerides/2,17)
* **EYHS Norway.** Glucose, LDL, HDL and triglycerides were drawn from a finger blood sample (fasted), compared to fasting venous blood sample which is the case for the other studies.
* **Pelotas (3):** Blood samples were non-fasting. NOTE: units unknown, and values are very different from all other studies. Suggest to exclude.