CHRIS Study

Interview – Vaccination history

Version 1.1

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1. **Introduction**

This module stores information related to the vaccination history in the previous ten years, that was collected at the interview, such as the various vaccines and information on those not mentioned.

Participants book a morning appointment at the CHRIS study center, ranging from 7.45 to 8.45 a.m. Each study participant is assigned a workflow at the reception. If there are ten study participants (maximum capacity), there are ten different workflows, marked with the letters from "A" to "K". The current workflow is as follows: A-B-C-D-E-F-G-H-I-K. All the workflows can be found in the documentation of CHRIS Baseline/General information/Administrative data, in the file named "Workflows at baseline assessment". The interview occurs always after the spiralography and the blood drawing, for most as the last session, after the ECG assessment and the self-administered questionnaire (workflows B, C, E, F, H, I, L). For the remainder, the interview occurs after breakfast and just before the self-administered questionnaire (workflows A and G) or in between the blood drawing and the anthropometry (workflow D).

The interview full text and its corresponding answer lists are available at CHRIS Baseline/Interview. This module was developed by IfB researchers.

2. **History version changes**

Version 1 of this interview module was in use between August 24th,2011 and March 27th, 2012, then the entire module was deleted.

Between the different versions, the following changes have occurred:

Version 1 to Version 2:

variables dropped: all

The cleaning process has not added any variable.

3. **Data cleaning**

1. The main CHRIS dataset was loaded.
2. The variable with comments, x0vanote, was translated and categorized when possible.
3. All the categorical variables, x0va01-x0va13, had their missing observations transformed into
   a) "Not in use" if the version was not the first,
   b) "Unexpected missing" otherwise.
4. The text variable on additional vaccinations, x0va13a, was translated and categorized when possible.
5. The categorical variables were corrected from "No" to "Yes" if that vaccine was mentioned in the text of x0va13a.
6. The baseline dataset was saved.

4. Advices for the analysis

The analyst should read the notes saved in the variable x0vanote, where vaccination specificities are reported.

The retrospective nature of this assessment makes the recording of the recent vaccine history prone to recall bias.

Finally, the analyst should always take into account that the operator in charge of carrying out the interview might have influenced how the participant reported their answers. The analyst should therefore adjust for the operator variable, x0_opintc, when possible.