

Children’s anthropometry ELEMENT

Anthropometric measurements of children from birth to 60 months of age of the child.

Children’s anthropometry (weight, height) was collected by standardized study personnel, using established research protocols. We used these measurements to calculate WHZ based on WHO standards as the recommended indicator in children <5 years of age using the WHO Anthro macros.

Cleaning of weight and height variables

Based on a scatter plot of weight and height for child's age, observations outside the point- cloud were revised and removed when weight and/or height values were not plausible (according to the child's age). Height equal to 99.9 was revised for plausibility with weight and removed when not the case.

Weight-for-length/height z-score review

The Z-score for observations without weight and/or height information, or Z-scores greater than 6.0 in absolute value, were not considered in the analysis.

Growth trajectories

The child's growth throughout follow-up was revised, based on changes of Z-scores of weight-for-length, between consecutive visits. Consecutive differences of Z-score were obtained and those values greater than 2.5 were eliminated for the analysis.

Note: To keep the original variables, new variables were defined reflecting the above changes and named as *weight-n*, *height_n*, and *z_clean*, respectively.

Structure of the database:

Variable	label
Proyecto	BI C1 PL SF
folio	Id
foliocc	Id (cholesterol)
stage	20-birth 21 -1 month postpartum 23 -3 months postpartum 24 -4 months postpartum 26 -6 months postpartum 27 - 7 months postpartum 212-12 months postpartum 224- 24 months postpartum 230- 30 months postpartum 236- 36 months postpartum 242- 42 months postpartum 248- 48 months postpartum 260- 60 months postpartum
weight	Weight (kg)
height	Height (cm)
_zwfl	z-score weight-for-length/height
Weight_n	clean weight (kg)
Height_n	clean height (cm)
Z_clean	clean z-score weight-for-length/height
observation	Reason for not being considered