Supplementary table 1. Data collection and analysis.

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| **SETTING** | CONSULTATION | | TELEPHONIC CONTACT |  |  |
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| **MEASURES COLLECTED** | Reported measures:  Height  Weight | Measures obtained by trained professional:  Height (x 2)  Weight (x 2) | Parents appraisal of the child's weight: fat / excessive weight / normal weight /a little thin / thin |  |  |
|  |  |  |  |  | **DATA ANALYSIS** |
| **DEPURATION AND TREATMENT** | Detection and elimination of biological implausible values | Calculation of the mean of the two heights and of the two heights |  |  | Absolute differences between reported and measured height, weight, BMI and BMI z-score  Relative differences between reported and measured height, weight and BMI  Intraclass correlation coefficients between reported and measured data |
|  |  |  |  |  |
| **CALCUALTED MEASURES** | BMI (excluding biological implausible values)  BMI z-score | BMI  BMI z-score |  |  |
|  |  |  |  |  |  |
|  | Categorization with WHO and IOTF criteria | Categorization with WHO and IOTF criteria | Assignment of parental misperception: when the child was classified in the categories ‘overweight’ or ‘obesity’ according to measured data and described by parents as having ‘normal weight’, ‘a little thin’ or ‘thin’ |  | Prevalence of weight status with reported data (obesity/overweight/normal weight/low weight)  Prevalence of weight status with measured data (obesity/overweight/normal weight/low weight)  Prevalence ratio (reported/measured)  Kappa test: agreement between weight status assigned through reported or measured data  Sensitivity, specificity and positive predictive value of obesity and overweight assigned through reported data |