



Supplementary Figure S1 A flow chart showing the selection of participants
GRS, genetic risk score.

Data from the younger cohort living in imminently urban areas from the Children of the Millennium study which was collected between the months of July and October 2022 was used for this study. **Supplementary Figure S1** shows how the main sample of young people used in this study was obtained. Out of a sample of 833 participants, 96% of them consented to participate in the main survey and about 95% of the respondents consented to the various components of the laboratory survey, including taking anthropometric measurements, blood samples and blood pressure measurement.