Table S3. P-values of overall tests (One-way ANOVA or Kruskal-Wallis test for numeric variables – noted with ^{m} – and χ^2 or Fisher's exact test for categorical variables – noted with ^{p}) and post-hoc tests for ethnic community comparison according to place of living in female adolescents.

	All Overall test*	Post-hoc test M-C	M-P	C-P	Rural Overall test*	Post-hoc test M-C	M-P	C-P	Urban Overall test*	Post-hoc test M-C	M-P	C-P
Age (years) ^{m}	0.067^S				0.890^S				0.119^M			
SES ^{p}	$< 0.001^M$	< 0.001	0.116	1.000	0.011^M	0.019	0.603	1.000	0.640^S			
Height (m) ^{m}	0.208^S				0.975^S				0.872^S			
Mass (kg) ^{m}	0.050^S				0.388^S				0.067^M			
BMI (kg/m²) ^{m}	0.184^S				0.289^S				0.017^M	0.951	0.058	0.013
IOTF BMI z-score ^{m}	0.008^S	0.011	0.694	0.086	0.504^S				0.023^M	0.773	0.127	0.017
IOTF weight status ^{p}	0.004^S	0.024	0.907	0.038	0.107^S				0.025^M	0.638	1.000	0.045
PA (min/day) ^{m}	$< 0.001^S$	< 0.001	0.060	0.977	0.014^S	0.018	0.406	0.880	0.933^S			
Out-of-school sitting time ^{m}	$< 0.001^M$	< 0.001	0.941	0.074	0.008^S	0.008	0.854	0.164	0.010^M	0.019	0.735	0.119
PA ≥ 60 min/day ^{p}	0.003^M	0.003	1.000	1.000	0.005^M	0.006	1.000	1.000	0.826^S			
Out-of-school sitting time ≥ 120 min/day ^{p}	$< 0.001^S$	< 0.001	1.00	1.000	0.046^S	0.067	1.000	1.000	0.046^M	0.067	1.000	0.659
Siblings ^{m}	$< 0.001^M$	< 0.001	0.280	0.290	$< 0.001^M$	< 0.001	0.960	0.340	0.039^M	0.032	0.507	0.602
Peers ^{p}	0.044^M	1.000	0.216	0.082	0.116^S				0.123^M			
Family ^{p}	0.081^S				0.255^S				0.099^M			
Safety of area ^{p}	0.560^S				0.355^S				0.701^S			
Accessibility of area ^{p}	0.007^S	0.010	1.000	0.417	0.131^S				0.004^L	0.008	1.000	0.490

In the "Post-hoc test" columns: "M-C" sub-columns mean comparison between Melanesians and Caucasians, "M-P" sub-columns mean comparison between Melanesians and Polynesians and "C-P" sub-columns mean comparison between Caucasians and Polynesians.

^{m} Numerical factors.
^{p} Categorical factors.
* Superscript letters inform about the effect size magnitude: small (S), moderate (M) and large (L).