Table S1: Description of craniofacial features evaluated among the sample.

Measurement	Description
Cephalometric measurements	
SNA angle	The angle between the sella-nasion (SN) and nasion-subspinal (NA) lines. This measurement assesses the degree of maxillary protrusion in relation to the cranial base.
SNB angle	The angle between the sella-nasion (SN) and nasion-subramental (NB) lines. This measurement assesses the degree of mandible protrusion in relation to the cranial base.
ANB angle	The angle represented by the intersection between the nasion-subspinal (NA) and nasion-supramental lines and corresponding to the difference between the SNA and SNB angles. This measurement assesses the anteroposterior relationship between the maxilla and mandible.
FMA angle	Angular measurement between the Frankfort plane (from porion to orbitale) and the mandibular plane (from menton to gonion). This measurement assesses the mandibular growth direction.
Photo evaluation	
Facial profile	Visually categorized as straight, concave or convex.
Vertical proportion	Visually categorized as brachyfacial, mesofacial or dolichofacial.

Table S2: Intra-examiner reliability for the craniofacial measurements

Variables	Agreement
SNA	0.98 (0.96, 0.99)[a]
SNB	0.99 (0.93, 0.99)[a]
ANB	0.97 (0.96, 0.99)[a]
FMA	0.98 (0.97, 0.99)[a]
Facial profile	0.83 (0.11)[b]
Vertical proportion	0.86 (0.15)[b]

[a]Intra-class correlation and 95% CI; [b]Cohen's Kappa coefficient and standard error.

Table S3: Intra-examiner reliability for the craniofacial measurements

OSA status	Mouth breathing	n	MCW Mean±SD	p-value
Diagnosed OSA	Absent	18	2.73±0.51	
	Present	30	2.69±0.60	
At high-risk for OSA	Absent	14	2.70±0.34	0.221[a]
	Present	42	3.04±0.34	
At low-risk for OSA	Absent	19	3.25±0.66	
	Present	26	3.04±0.34	
Total	Absent	51	2.92±0.59	0.592[b]
	Present	98	2.86±0.51	

SD= Standard deviation; [a]interaction between OSA status and Mouth breathing, two-way ANOVA; [b]one-way ANOVA.