

Table 1. Anteroinferior Facial Height (AFH-Me) in millimeters from the Anterior Nasal Spine to Menton (ANS-Me) in males and females aged 6 to 12 years

Age	N	Female				Male				P-value	
		X	SD	Min	Max	N	X	SD	Min		Max
6	50	54.6	4.9	45.9	76.4	62	55.7	4.0	48.2	69.5	0.194
7	110	54.9	4.8	46.1	75.5	114	56.5	4.6	45.9	74.2	0.010*
8	207	55.2	4.4	46.3	72.9	216	56.7	3.9	45.2	70.1	0.000***
9	200	55.9	4.4	45.3	70.1	202	57.7	5.1	47.1	83.4	0.000***
10	135	57.4	5.4	42.7	70.1	164	58.2	4.9	42.9	72.4	0.173
11	65	57.2	4.4	45.7	66.5	91	59.1	4.8	47.0	70.5	0.013*
12	5	59.5	2.9	55.4	63.5	6	65.1	4.0	60.3	71.3	0.028*

* $p < 0.05$ ** $p < 0.01$ *** $p < 0.0001$

Source: by the authors

Table 2. Anterior Facial Height (AFH) measured in millimeters from Nasion to Menton (N-Me) in males and females aged 6 to 12 years

Age	N	Female				Male				P-value	
		X	SD	Min	Max	N	X	SD	Min		Max
6	50	92.3	7.0	74.5	121.6	62	93.8	5.8	80.8	113.2	0.217
7	110	93.9	6.7	79.2	127.3	114	96.1	6.4	79.5	126.1	0.013*
8	207	95.0	6.4	78.5	125.9	216	97.1	5.8	82.5	115.9	0.000***
9	200	97.0	6.4	81.9	120.6	202	99.5	7.4	81.6	141.6	0.000***
10	135	99.7	7.5	78.6	131.1	164	100.6	6.8	79.2	124.7	0.278
11	65	99.9	6.3	84.0	112.5	91	102.3	7.5	85.0	127.1	0.036*
12	5	104.0	2.6	100.3	107.3	6	110.5	7.7	99.1	122.9	0.109

* $p < 0.05$ ** $p < 0.01$ *** $p < 0.0001$

Source: by the authors

Table 3. Posterior Facial Height (PFH) in millimeters from Sella to Gonion (S-Go) in males and females aged 6 to 12 years

Age	N	Female				Male					P-value
		X	SD	Min	Max	N	X	SD	Min	Max	
6	50	58.2	4.9	47.9	76.7	62	59.6	4.3	52.1	72.2	0.102
7	110	59.4	5.6	46.9	84.7	114	60.7	4.5	49.1	77.0	0.047*
8	207	60.9	4.8	49.1	75.7	216	62.2	4.5	46.3	74.3	0.006**
9	200	62.2	4.9	49.8	75.8	202	64.0	5.6	45.7	92.4	0.001**
10	135	63.9	5.6	49.6	87.8	164	64.4	4.9	52.4	81.6	0.393
11	65	64.6	5.1	52.7	81.0	91	66.3	6.0	51.9	84.7	0.063
12	5	65.0	2.7	60.7	67.8	6	69.1	5.2	62.4	76.9	0.148

* $p < 0.05$ ** $p < 0.01$ *** $p < 0.0001$

Source: by the authors

Table 4. Effective mandibular length (Co-Gn) in millimeters from Condylion to Gnathion (Co-Gn) in males and females aged 6 to 12 years

Age	N	Female				Male					P-value
		X	SD	Min	Max	N	X	SD	Min	Max	
6	50	92.0	5.5	83.0	116.0	62	94.2	5.8	81.0	111.0	0.049*
7	110	94.4	6.7	81.0	127.0	114	95.8	5.4	85.0	120.0	0.078
8	207	95.6	5.7	83.0	120.0	216	96.9	5.7	81.0	118.0	0.024*
9	200	97.8	6.0	82.0	121.0	202	99.8	7.1	84.0	139.0	0.002**
10	135	100.3	6.7	78.0	132.0	164	100.7	5.8	83.0	121.0	0.615
11	65	100.5	5.9	86.0	116.0	91	103.2	7.8	90.0	130.0	0.022*
12	5	103.4	5.4	99.0	111.0	6	111.0	11.2	101.0	131.0	0.199

* $p < 0.05$ ** $p < 0.01$ *** $p < 0.0001$

Source: by the authors

Table 5. Mandibular body length from Gonion to Gnathion in millimeters (Go-Gn) in males and females aged 6 to 12 years

Age	N	Female				Male					P-value
		X	SD	Min	Max	N	X	SD	Min	Max	
6	50	59.9	4.3	50.1	74.2	62	61.0	4.8	52.9	73.9	0.219
7	110	61.9	5.0	49.0	83.3	114	62.8	4.6	51.6	81.3	0.184
8	207	62.8	4.4	54.5	81.1	216	64.0	4.6	53.0	79.3	0.005**
9	200	64.7	4.6	51.9	82.7	202	65.6	5.5	51.9	89.6	0.090
10	135	66.5	5.0	54.0	84.8	164	66.3	4.3	56.0	78.1	0.648
11	65	66.3	4.5	57.1	78.9	91	68.3	6.1	58.0	89.1	0.021*
12	5	68.0	2.8	64.9	71.6	6	73.1	8.2	66.3	87.6	0.227

* $p < 0.05$ ** $p < 0.01$ *** $p < 0.0001$

Source: by the authors

Table 6. Effective maxillary length (Co-A). Distance from Condylion to A Point in millimeters (Co-A) in females and males aged 6 to 12 years

Age	N	Female				Male					P-value
		X	SD	Min	Max	N	X	SD	Min	Max	
6	50	74.8	4.9	68.3	96.3	62	77.1	4.7	66.8	92.7	0.017*
7	110	76.8	5.4	66.5	97.9	114	77.7	4.7	65.9	96.7	0.210
8	207	76.9	4.6	66.4	93.6	216	78.7	4.2	68.7	94.0	0.000***
9	200	78.6	4.9	64.3	95.7	202	80.1	5.6	64.0	101.4	0.005**
10	135	80.0	5.6	62.1	108.7	164	80.1	4.3	67.2	94.9	0.840
11	65	79.7	4.6	67.6	90.9	91	81.7	6.0	67.9	104.7	0.025*
12	5	81.0	2.4	77.6	83.7	6	88.5	5.8	84.1	99.5	0.025*

* $p < 0.05$ ** $p < 0.01$ *** $p < 0.0001$

Source: by the authors

Table 7. Mandibular plane angle (SN-MP), measured in degrees of the angle formed by Sella-Nasion planes with the mandibular plane angle (SN-MP) in males and females aged 6 to 12 years

Age	N	Female				Male				P-value	
		X	SD	Min	Max	N	X	SD	Min		Max
6	50	35.7	5.8	19.9	49.0	62	35.6	5.0	25.6	49.2	0.916
7	110	35.1	4.9	20.7	51.2	114	35.6	5.2	23.3	50.3	0.444
8	207	34.3	5.5	21.1	47.2	216	34.1	4.5	20.7	47.1	0.808
9	200	33.9	5.6	21.8	48.2	202	34.2	5.0	18.0	51.9	0.558
10	135	34.2	5.6	20.6	49.9	164	34.6	5.2	19.8	49.5	0.453
11	65	33.5	5.1	22.2	43.8	91	33.3	4.9	20.6	44.2	0.867
12	5	36.1	4.0	31.5	42.4	6	35.9	4.0	32.0	43.3	0.948

* $p < 0.05$ ** $p < 0.01$ *** $p < 0.0001$

Source: by the authors

Table 8. Anterior cranial base (SN). Distance from Sella-Nasion (S-N) in millimeters in males and females aged 6 to 12 years

Age	N	Female				Male				P-value	
		X	SD	Min	Max	N	X	SD	Min		Max
6	50	57.7	3.7	50.2	77.5	62	59.3	4.1	52.7	71.7	0.036*
7	110	58.8	3.7	50.4	74.9	114	59.9	3.7	51.7	72.5	0.025*
8	207	58.7	3.5	50.0	73.6	216	60.5	3.5	52.3	72.2	0.000***
9	200	59.5	3.6	49.5	74.0	202	61.2	4.4	50.1	80.2	0.000***
10	135	60.3	4.1	49.0	79.8	164	61.3	3.8	51.8	73.1	0.019*
11	65	61.0	3.5	51.5	71.1	91	62.4	4.5	50.4	78.0	0.046*
12	5	60.7	1.3	59.0	62.5	6	64.7	3.8	62.0	72.3	0.054

* $p < 0.05$ ** $p < 0.01$ *** $p < 0.0001$

Source: by the authors