

Table 1

Position and dispersion parameters for some cephalo-facial ratios and sizes in teenagers from the Iași city, investigated between 1998–1999

Age	11 years		12 years		13 years		14 years		15 years		16 years	
Character	Average	δ	Average	δ	Average	δ	Average	δ	Average	δ	Average	δ
BOYS												
G-op	183.36	6.15	184.02	6.79	185.44	6.74	186.01	6.05	187.17	6.42	188.55	5.96
Eu-eu	150.10	5.23	150.10	6.12	152.92	5.91	153.11	5.53	154.12	5.55	155.32	5.76
Cephalic I.	81.86	3.40	81.56	3.29	82.46	3.42	82.40	3.25	82.34	3.30	82.37	3.38
N-gn	108.81	4.17	109.93	4.95	113.51	4.97	117.17	5.65	119.82	6.21	121.12	6.49
Zy-zy	125.75	3.19	127.19	2.91	131.02	4.18	134.75	6.17	138.62	5.45	139.16	4.62
Facial I.	86.52	4.15	86.42	4.32	86.63	4.15	86.95	4.25	86.43	4.28	87.03	4.00
GIRLS												
G-op	176.87	5.33	179.51	6.18	180.44	5.66	180.32	5.24	180.57	5.61	180.78	5.52
Eu-eu	146.19	5.83	147.21	4.44	147.63	5.00	148.83	5.54	149.18	4.91	148.25	4.85
Cephalic I.	82.65	3.10	82.01	3.25	81.82	3.15	82.54	3.30	82.62	3.18	82.00	3.40
N-gn	106.60	5.30	109.50	2.03	110.68	5.27	111.53	4.64	113.69	4.63	113.72	6.23
Zy-zy	125.45	4.41	128.83	3.14	129.42	4.59	131.93	3.96	132.70	3.94	132.72	4.71
Facial I.	84.97	3.70	84.99	3.48	85.52	3.78	84.53	3.95	85.67	4.15	85.68	4.10

Table 2

Position and dispersion parameters for some cephalo-facial ratios and sizes in teenagers from the Iași city, investigated in 1985

Age	11 years		12 years		13 years		14 years		15 years		16 years	
Character	Average	δ	Average	δ	Average	δ	Average	δ	Average	δ	Average	δ
BOYS												
G-op	179.40	6.16	181.20	6.68	182.35	6.63	184.51	6.61	187.01	6.95	190.63	6.23
Eu-eu	148.65	5.34	151.00	5.61	152.06	5.96	153.85	5.69	154.75	6.27	157.89	5.91
Cephalic I.	82.95	3.94	83.45	4.32	83.49	4.30	83.46	3.82	82.84	4.20	82.88	3.34
N-gn	108.08	6.00	109.10	5.98	112.43	6.58	113.85	6.83	116.43	6.06	118.40	5.58
Zy-zy	127.35	4.64	130.05	4.63	132.53	5.34	134.63	5.33	137.10	4.93	139.00	6.03
Facial I.	84.86	3.80	83.89	3.92	84.83	3.72	84.56	4.15	84.92	4.20	85.17	4.25
GIRLS												
G-op	175.86	6.20	176.76	6.70	179.83	6.23	179.75	6.16	179.52	6.48	179.80	5.76
Eu-eu	146.82	5.19	146.30	6.03	148.06	6.05	149.75	5.15	150.06	5.48	151.70	4.79
Cephalic I.	83.59	4.01	82.85	4.02	82.47	4.35	83.29	3.64	83.70	4.24	84.44	3.45
N-gn	106.08	4.39	108.25	5.99	108.94	4.92	110.04	5.03	110.01	5.02	109.35	5.25
Zy-zy	126.47	4.44	127.75	5.11	130.62	4.75	132.13	4.53	132.42	4.05	133.31	4.38
Facial I.	83.87	4.12	85.13	4.05	83.40	4.30	83.28	4.25	83.07	4.35	82.02	4.18

Table 3

Position and dispersion parameters for some cephalo-facial ratios and sizes in teenagers from the rural area of the Iași district, investigated in 2003

Age	11 years		12 years		13 years		14 years		15 years		16 years	
Character	Average	δ	Average	δ	Average	δ	Average	δ	Average	δ	Average	δ
BOYS												
G-op	179.00	5.39	180.19	5.05	181.40	6.27	183.45	6.00	183.82	6.03	185.85	5.62
Eu-eu	146.50	4.79	146.96	5.24	148.65	4.79	149.59	4.98	150.40	5.29	151.44	5.10
Cephalic I.	81.83	3.30	81.45	3.31	81.94	3.31	81.52	3.33	81.81	3.24	81.68	3.35
N-gn	104.60	5.69	107.72	5.57	109.34	5.88	112.93	6.14	115.38	6.63	116.16	5.92
Zy-zy	124.10	4.36	126.67	4.82	128.44	5.54	131.18	5.16	133.80	5.74	136.50	4.79
Facial I.	84.31	4.38	84.88	3.95	85.16	4.28	86.11	4.00	86.23	4.43	85.10	4.19
GIRLS												
G-op	174.78	6.03	176.66	5.07	177.26	5.60	178.26	5.53	178.66	5.08	178.38	5.59
Eu-eu	143.59	5.72	144.81	4.36	145.73	4.71	145.97	4.18	146.91	4.45	147.11	5.14
Cephalic I.	82.22	3.39	82.32	3.08	82.21	3.33	82.34	3.34	81.83	3.23	82.50	3.78
N-gn	102.17	5.68	104.96	4.38	107.61	5.43	108.16	5.86	109.11	4.47	110.46	4.88
Zy-zy	122.49	5.18	125.09	4.83	127.35	5.03	129.00	5.04	129.55	4.28	130.90	4.29
Facial I.	83.52	3.83	84.12	3.46	84.55	3.97	84.33	4.45	84.15	4.41	84.41	4.18

Table 4

Position and dispersion parameters for some cephalo-facial ratios and sizes in teenagers from the rural area of the Iași district, investigated in 1985

Age	11 years		12 years		13 years		14 years		15 years		16 years	
Character	Average	δ	Average	δ	Average	δ	Average	δ	Average	δ	Average	δ
BOYS												
G-op	175.61	6.17	176.65	5.11	178.35	5.81	181.25	5.36	182.28	6.54	183.70	6.30
Eu-eu	146.01	4.83	146.65	5.59	148.35	5.24	149.74	6.34	150.30	5.16	151.16	5.12
Cephalic I.	83.23	3.64	83.13	3.58	83.25	3.54	82.68	3.69	82.53	3.43	82.36	3.44
N-gn	105.72	4.78	107.50	4.84	108.44	5.13	112.04	6.12	115.99	6.80	118.50	6.48
Zy-zy	125.11	4.47	127.39	5.76	129.78	5.56	131.26	5.19	132.57	5.49	135.26	5.06
Facial I.	83.85	3.93	84.41	3.98	84.12	3.78	85.70	4.41	87.46	3.65	87.63	4.18
GIRLS												
G-op	173.75	5.04	174.40	5.33	176.03	5.98	175.91	5.99	178.00	6.54	178.16	6.02
Eu-eu	144.41	4.12	146.37	4.93	146.88	5.22	148.03	5.03	148.19	4.92	148.58	4.24
Cephalic I.	83.18	3.22	83.98	3.28	83.50	3.27	84.21	3.26	83.33	3.46	83.46	3.05
N-gn	104.97	5.91	106.20	5.41	109.71	5.92	109.65	5.33	112.40	5.94	112.03	5.57
Zy-zy	124.02	3.81	126.73	4.61	127.87	5.18	130.94	4.49	132.07	4.37	132.62	4.15
Facial I.	83.16	4.31	83.97	4.00	85.67	4.45	83.83	4.55	84.59	5.65	84.57	4.46

Table 5

Distribution – on categories – of the average values of the four cephalo-facial sizes, on classes of age, sex, ecological environment and historical time

Group		URBAN				RURAL			
Series		1985		1998-1999		1985		2003	
Sex		BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS
Character	Category								
G-op	Short	-	-	-	-	11 and 12 years	-	-	-
	Medium	11-14 years	11 and 12 years	11-13 years	11 years	13-16 years	11-14 years	11-16 years	11-13 years
	Long	15 and 16 years	13-16 years	14-16 years	12-16 years	-	15 and 16 years	-	14-16 years
Eu-eu	Narrow	-	-	-	-	11 and 12 years	-	11 and 12 years	-
	Medium	11-15 years	11-14 years	11-16 years	11-16 years	13-16 years	11-16 years	13-16	11-16 years
	Large	16 years	15 and 16 years	-	-	-	-	-	-
N-gn	Very low	11 and 12 years	-	11 and 12 years	-	11-13 years	-	11-13 years	11 years
	Low	13-15 years	11 years	13 and 14 years	11 years	14 and 15 years	11 and 12 years	14-16 years	12 and 13 years
	Medium	16 years	12-16 years	15 and 16 years	12-16 years	16 years	13-16 years	-	14-16 years
Zy-zy	Very narrow	11 years	-	11 and 12 years	-	11 and 12 years	-	11 and 12 years	-
	Narrow	12-14 years	11 and 12 years	13 and 14 years	11 years	13-16 years	11-13 years	13-15 years	11-13 years
	Medium	15 and 16 years	13-16 years	15 and 16 years	12-16 years	-	14-16 years	16 years	14-16 years