9. ANEXOS

TESTE MANN-WHITNEY:

DIFERENÇAS ENTRE GÉNEROS, EM TODOS OS TESTES DE EQUILÍBRIO.

Test Statistics[a]

	Cegonha	Flamingo	Bateria de Roloff - Pé Direito (melhor tentativa)	Bateria de Roloff - Pé Esquerdo (melhor tentativa)
Mann-Whitney U	971,000	1050,000	957,000	1024,000
Wilcoxon W	2246,000	2590,000	2232,000	2299,000
Z	-2,592	-2,092	-2,682	-2,252
Asymp. Sig. (2-tailed)	,010	,036	,007	,024

a. Grouping Variable: Feminino & Masculino

Test Statistics[a]

	Star Excursion-Test (média dos três melhores resultados) ANTERIOR ESQUERDA	Star Excursion-Test (média dos três melhores resultados) ANTERIOR DIREITA	Star Excursion-Test (média dos três melhores resultados) POSTERIOR ESQUERDA	Star Excursion-Test (média dos três melhores resultados) POSTERIOR DIREITA	Salto Modificado	Equilíbrio à retaguarda KTK
Mann-Whitney U	1230,500	1096,000	1058,500	1053,500	929,500	938,000
Wilcoxon W	2505,500	2371,000	2333,500	2328,500	2204,500	2213,000
Z	-,928	-1,793	-2,033	-2,064	-2,861	-2,805
Asymp. Sig. (2-tailed)	,353	,073	,042	,039	,004	,005

a. Grouping Variable: Feminino & Masculino

Test Statistics[a]

	Bateria de Testes de Nelson
Mann-Whitney U	1317,500
Wilcoxon W	2857,500
Z	-,369
Asymp. Sig. (2-tailed)	,712

a. Grouping Variable: Feminino & Masculino

TESTE MANN-WHITNEY:

DIFERENÇAS ENTRE IDADES, EM TODOS OS TESTES DE EQUILÍBRIO.

Test Statistics[a]

	Teste da Cegonha	FLAMINGO	Bateria de Roloff - Pé Direito (melhor tentativa)	Bateria de Roloff - Pé Esquerdo (melhor tentativa)
Mann-Whitney U	1239,000	1233,500	1238,500	1353,000
Wilcoxon W	2779,000	2773,500	2778,500	2893,000
Z	-,873	-,911	-,876	-,141
Asymp. Sig. (2-tailed)	,383	,362	,381	,888

a. Grouping Variable: 10 e 11 anos

Test Statistics[a]

	Star Excursion-Test (média dos três melhores resultados) ANTERIOR ESQUERDA	Star Excursion-Test (média dos três melhores resultados) ANTERIOR DIREITA	Star Excursion-Test (média dos três melhores resultados) POSTERIOR ESQUERDA	Star Excursion-Test (média dos três melhores resultados) POSTERIOR DIREITA	Salto Modificado	Equilíbrio à retaguarda KTK
Mann-Whitney U	1370,000	244,000	1117,500	1137,500	1297,500	1260,500
Wilcoxon W	2910,000	1519,000	2392,500	2412,500	2837,500	2535,500
Z	-,032	-7,268	-1,654	-1,525	-,498	-,735
Asymp. Sig. (2-tailed)	,974	,000	,098	,127	,619	,462

a. Grouping Variable: 10 e 11 anos

Test Statistics[a]

	Bateria de Testes de Nelson
Mann-Whitney U	1171,000
Wilcoxon W	2711,000
Z	-1,309
Asymp. Sig. (2-tailed)	,191

a. Grouping Variable: 10 e 11 anos

TESTE MANN-WHITNEY:

DIFERENÇAS ENTRE PRATICANTES E NÃO PRATICANTES DE UMA ACTIVIDADE FÍSICA REGULAR, EM TODOS OS TESTES DE EQUILÍBRIO.

Test Statistics[a]

	Teste da Cegonha	FLAMINGO	Bateria de Roloff - Pé Direito (melhor tentativa)	Bateria de Roloff - Pé Esquerdo (melhor tentativa)
Mann-Whitney U	1340,000	1317,500	1131,500	1344,000
Wilcoxon W	2880,000	2857,500	2671,500	2884,000
Z	-,225	-,370	-1,562	-,199
Asymp. Sig. (2-tailed)	,822	,711	,118	,842

a. Grouping Variable: Praticantes & Não praticantes

Test Statistics[a]

	Star Excursion-Test (média dos três melhores resultados) ANTERIOR ESQUERDA	Star Excursion-Test (média dos três melhores resultados) ANTERIOR DIREITA	Star Excursion-Test (média dos três melhores resultados) POSTERIOR ESQUERDA	Star Excursion-Test (média dos três melhores resultados) POSTERIOR DIREITA	Salto Modificado	Equilíbrio à retaguarda KTK
Mann-Whitney U	1295,500	1283,000	1335,500	1105,500	1210,000	960,000
Wilcoxon W	2570,500	2823,000	2610,500	2380,500	2750,000	2500,000
Z	-,511	-,591	-,254	-1,730	-1,060	-2,664
Asymp. Sig. (2-tailed)	,610	,554	,800	,084	,289	,008

a. Grouping Variable: Praticantes & Não praticantes

Test Statistics[a]

	Bateria de Testes de Nelson
Mann-Whitney U	1020,500
Wilcoxon W	2295,500
Z	-2,275
Asymp. Sig. (2-tailed)	,023

a. Grouping Variable: Praticantes & Não praticantes

TESTE KRUSKAL-WALLIS:

DIFERENÇAS ENTRE CATEGORIAS DE ÍNDICE DE MASSA CORPORAL, NO TESTE DA CEGONHA.

Kruskal-Wallis Test (Nonparametric ANOVA)

The P value is 0.0208, considered significant.
Variation among column medians is significantly greater than expected by chance.

The P value is approximate (from chi-square distribution) because at least one column has two or more identical values.

Calculation detail

Group	Number of Points	Sum of Ranks	Mean Ranks
1 cegonha	73	3971.5	54.404
2 cegonha	16	889.00	55.563
3 cegonha	13	392.50	30.192

Kruskal-Wallis Statistic KW = 7.747 (corrected for ties)

Dunn's Multiple Comparisons Test

Comparison	Mean Rank Difference	P value
1 cegonha vs. 2 cegonha	-1.158	ns P>0.05
1 cegonha vs. 3 cegonha	24.212	* P<0.05
2 cegonha vs. 3 cegonha	25.370	ns P>0.05

Summary of Data

Group	Number of Points	Median	Minimum	Maximum
1 cegonha	73	3.320	1.450	24.630
2 cegonha	16	3.315	1.680	9.470
3 cegonha	13	2.250	1.030	5.930

* * *

TESTES ONE-WAY ANALYSIS OF VARIANCE (ANOVA) E TUKEY-KRAMER MULTIPLE COMPARISONS:

DIFERENÇAS ENTRE CATEGORIAS DE ÍNDICE DE MASSA CORPORAL, NO TESTE DO FLAMINGO.

One-way Analysis of Variance (ANOVA)

The P value is 0.0352, considered significant.
Variation among column means is significantly greater than expected by chance.

Tukey-Kramer Multiple Comparisons Test
If the value of q is greater than 3.371 then the P value is less than 0.05.

Comparison	Mean Difference	q	P value
1 flamingo vs 2 flamingo	-1.346	1.581	ns P>0.05
1 flamingo vs 3 flamingo	-3.327	3.583	* P<0.05
2 flamingo vs 3 flamingo	-1.981	1.720	ns P>0.05

Difference	Mean Difference	95% Confidence Interval From	To
1 flamingo - 2 flamingo	-1.346	-4.216	1.524
1 flamingo - 3 flamingo	-3.327	-6.457	-0.1966
2 flamingo - 3 flamingo	-1.981	-5.863	1.902

Assumption test: Are the standard deviations of the groups equal?

ANOVA assumes that the data are sampled from populations with identical SDs. This assumption is tested using the method of Bartlett.

Bartlett statistic (corrected) = 6.215
The P value is 0.0447.
Bartlett's test suggests that the differences among the SDs is significant.
Since ANOVA assumes populations with equal SDs, you should consider transforming your data (reciprocal or log) or selecting a nonparametric test.

Assumption test: Are the data sampled from Gaussian distributions?

ANOVA assumes that the data are sampled from populations that follow Gaussian distributions. This assumption is tested using the method Kolmogorov and Smirnov:

Group	KS	P Value	Passed normality test?
1 flamingo	0.09815	>0.10	Yes
2 flamingo	0.1336	>0.10	Yes
3 flamingo	0.1450	>0.10	Yes

Intermediate calculations. ANOVA table

Source of variation	Degrees of freedom	Sum of squares	Mean square
Treatments (between columns)	2	131.71	65.853
Residuals (within columns)	99	1883.6	19.027
Total	101	2015.3	

F = 3.461 =(MStreatment/MSresidual)

Summary of Data

Group	Number of Points	Mean	Standard Deviation	Standard Error of Mean	Median
1 flamingo	73	7.904	3.941	0.4613	8.000
2 flamingo	16	9.250	4.187	1.047	10.000
3 flamingo	13	11.231	6.470	1.794	10.000

Group	Minimum	Maximum	95% Confidence Interval From	To
1 flamingo	1.000	16.000	6.983	8.825
2 flamingo	3.000	19.000	7.019	11.481
3 flamingo	2.000	25.000	7.321	15.141

TESTE KRUSKAL-WALLIS:

DIFERENÇAS ENTRE CATEGORIAS DE ÍNDICE DE MASSA CORPORAL, NO TESTE DA BATERIA DE ROLOFF, PÉ DIREITO.

Kruskal-Wallis Test (Nonparametric ANOVA)

The P value is 0.0723, considered not quite significant.
Variation among column medians is not significantly greater than expected by chance.

The P value is approximate (from chi-square distribution) because at least one column has two or more identical values.

Calculation detail

Group	Number of Points	Sum of Ranks	Mean Ranks
1 BR - PD	73	3993.5	54.705
2 BR - PD	16	813.50	50.844
3 BR - PD	13	446.00	34.308

Kruskal-Wallis Statistic KW = 5.254 (corrected for ties)

Dunn's Multiple Comparisons Test

Comparison	Mean Rank Difference	P value
1 BR - PD vs. 2 BR - PD	3.862	ns P>0.05
1 BR - PD vs. 3 BR - PD	20.398	ns P>0.05
2 BR - PD vs. 3 BR - PD	16.536	ns P>0.05

Summary of Data

Group	Number of Points	Median	Minimum	Maximum
1 BR - PD	73	4.280	1.100	15.350
2 BR - PD	16	4.280	1.430	16.350
3 BR - PD	13	3.050	1.300	6.460

TESTES ONE-WAY ANALYSIS OF VARIANCE (ANOVA) E TUKEY-KRAMER MULTIPLE COMPARISONS:

DIFERENÇAS ENTRE CATEGORIAS DE ÍNDICE DE MASSA CORPORAL, NO TESTE DA BATERIA DE ROLOFF, PÉ ESQUERDO.

One-way Analysis of Variance (ANOVA)
The P value is 0.4497, considered not significant.
Variation among column means is not significantly greater than expected by chance.
Tukey-Kramer Multiple Comparisons Test
If the value of q is greater than 3.372 then the P value is less than 0.05.

Comparison	Mean Difference	q	P value
1 BR - PE vs 2 BR - PE	0.2100	0.3476	ns P>0.05
1 BR - PE vs 3 BR - PE	1.182	1.795	ns P>0.05
2 BR - PE vs 3 BR - PE	0.9721	1.191	ns P>0.05

Difference	Mean Difference	95% Confidence Interval From	To
1 BR - PE - 2 BR - PE	0.2100	-1.827	2.247
1 BR - PE - 3 BR - PE	1.182	-1.039	3.403
2 BR - PE - 3 BR - PE	0.9721	-1.780	3.724

Bartlett statistic (corrected) = 5.425
The P value is 0.0664.

Group	KS	P Value	Passed normality test?
1 BR - PE	0.1557	0.0609	Yes
2 BR - PE	0.1849	>0.10	Yes
3 BR - PE	0.2220	>0.10	Yes

Intermediate calculations. ANOVA table

Source of variation	Degrees of freedom	Sum of squares	Mean square
Treatments (between columns)	2	15.399	7.700
Residuals (within columns)	98	936.44	9.556
Total	100	951.84	

F = 0.8058 =(MStreatment/MSresidual)

Summary of Data

Group	Number of Points	Mean	Standard Deviation	Standard Error of Mean	Median
1 BR - PE	72	5.198	3.261	0.3843	4.140
2 BR - PE	16	4.988	3.090	0.7726	3.905
3 BR - PE	13	4.015	1.789	0.4961	4.870

Group	Minimum	Maximum	95% Confidence Interval From	To
1 BR - PE	1.500	17.220	4.430	5.965
2 BR - PE	1.650	12.830	3.341	6.634
3 BR - PE	1.190	6.130	2.934	5.096

TESTES ONE-WAY ANALYSIS OF VARIANCE (ANOVA) E TUKEY-KRAMER MULTIPLE COMPARISONS:

DIFERENÇAS ENTRE CATEGORIAS DE ÍNDICE DE MASSA CORPORAL, NO TESTE STAR EXCURSION, DIRECÇÃO ANTERIOR ESQUERDA.

One-way Analysis of Variance (ANOVA)
The P value is 0.5887, considered not significant.
Variation among column means is not significantly greater than expected by chance.
Tukey-Kramer Multiple Comparisons Test
If the value of q is greater than 3.371 then the P value is less than 0.05.

Comparison	Mean Difference	q	P value
1 STAR - AE vs 2 STAR - AE	0.01199	0.007955	ns P>0.05
1 STAR - AE vs 3 STAR - AE	2.368	1.441	ns P>0.05
2 STAR - AE vs 3 STAR - AE	2.356	1.156	ns P>0.05

Difference	Mean Difference	95% Confidence Interval From	To
1 STAR - AE - 2 STAR - AE	0.01199	-5.067	5.091
1 STAR - AE - 3 STAR - AE	2.368	-3.171	7.907
2 STAR - AE - 3 STAR - AE	2.356	-4.515	9.226

Group	KS	P Value	Passed normality test?
1 STAR - AE	0.09934	>0.10	Yes
2 STAR - AE	0.1989	>0.10	Yes
3 STAR - AE	0.2078	>0.10	Yes

Intermediate calculations. ANOVA table

Source of variation	Degrees of freedom	Sum of squares	Mean square
Treatments (between columns)	2	63.479	31.739
Residuals (within columns)	99	5898.7	59.583
Total	101	5962.2	

F = 0.5327 =(MStreatment/MSresidual)

Summary of Data

Group	Number of Points	Mean	Standard Deviation	Standard Error of Mean	Median
1 STAR - AE	73	78.137	7.556	0.8844	77.000
2 STAR - AE	16	78.125	6.811	1.703	77.000
3 STAR - AE	13	75.769	9.541	2.646	79.000

Group	Minimum	Maximum	95% Confidence Interval From	To
1 STAR - AE	57.000	96.000	76.372	79.902
2 STAR - AE	69.000	93.000	74.497	81.753
3 STAR - AE	51.000	87.000	70.003	81.535

TESTES ONE-WAY ANALYSIS OF VARIANCE (ANOVA) E TUKEY-KRAMER MULTIPLE COMPARISONS:

DIFERENÇAS ENTRE CATEGORIAS DE ÍNDICE DE MASSA CORPORAL, NO TESTE STAR EXCURSION, DIRECÇÃO ANTERIOR DIREITA.

One-way Analysis of Variance (ANOVA)

The P value is 0.4915, considered not significant.

Variation among column means is not significantly greater than expected by chance.

Tukey-Kramer Multiple Comparisons Test

If the value of q is greater than 3.371 then the P value is less than 0.05.

Comparison	Mean Difference	q	P value
1 STAR - AD vs 2 STAR - AD	2.648	1.656	ns P>0.05
1 STAR - AD vs 3 STAR - AD	1.066	0.6117	ns P>0.05
2 STAR - AD vs 3 STAR - AD	-1.582	0.7315	ns P>0.05

Difference	Mean Difference	95% Confidence Interval From	To
1 STAR - AD - 2 STAR - AD	2.648	-2.741	8.037
1 STAR - AD - 3 STAR - AD	1.066	-4.811	6.943
2 STAR - AD - 3 STAR - AD	-1.582	-8.871	5.708

Group	KS	P Value	Passed normality test?
1 STAR - AD	0.06795	>0.10	Yes
2 STAR - AD	0.1066	>0.10	Yes
3 STAR - AD	0.1502	>0.10	Yes

Intermediate calculations. ANOVA table

Source of variation	Degrees of freedom	Sum of squares	Mean square
Treatments (between columns)	2	95.982	47.991
Residuals (within columns)	99	6640.8	67.079
Total	101	6736.8	

F = 0.7154 =(MStreatment/MSresidual)

Summary of Data

Group	Number of Points	Mean	Standard Deviation	Standard Error of Mean	Median
1 STAR - AD	73	78.836	8.206	0.9604	78.000
2 STAR - AD	16	76.188	9.210	2.303	76.500
3 STAR - AD	13	77.769	6.585	1.826	77.000

Group	Minimum	Maximum	95% Confidence Interval From	To
1 STAR - AD	46.000	96.000	76.919	80.753
2 STAR - AD	60.000	91.000	71.281	81.094
3 STAR - AD	70.000	88.000	73.790	81.749

TESTES ONE-WAY ANALYSIS OF VARIANCE (ANOVA) E TUKEY-KRAMER MULTIPLE COMPARISONS:

DIFERENÇAS ENTRE CATEGORIAS DE ÍNDICE DE MASSA CORPORAL, NO TESTE STAR EXCURSION, DIRECÇÃO POSTERIOR ESQUERDA.

One-way Analysis of Variance (ANOVA)
The P value is 0.0775, considered not quite significant.
Variation among column means is not significantly greater than expected by chance.

Tukey-Kramer Multiple Comparisons Test
If the value of q is greater than 3.371 then the P value is less than 0.05.

Comparison	Mean Difference	q	P value
1 STAR - PE vs 2 STAR - PE	-3.063	1.637	ns P>0.05
1 STAR - PE vs 3 STAR - PE	5.077	2.489	ns P>0.05
2 STAR - PE vs 3 STAR - PE	8.139	3.217	ns P>0.05

Difference	Mean Difference	95% Confidence Interval From	To
1 STAR - PE - 2 STAR - PE	-3.063	-9.369	3.244
1 STAR - PE - 3 STAR - PE	5.077	-1.800	11.954
2 STAR - PE - 3 STAR - PE	8.139	-0.3911	16.670

Group	KS	P Value	Passed normality test?
1 STAR - PE	0.07898	>0.10	Yes
2 STAR - PE	0.2331	>0.10	Yes
3 STAR - PE	0.1589	>0.10	Yes

Intermediate calculations. ANOVA table

Source of variation	Degrees of freedom	Sum of squares	Mean square
Treatments (between columns)	2	482.31	241.15
Residuals (within columns)	99	9093.9	91.857
Total	101	9576.2	

F = 2.625 =(MStreatment/MSresidual)

Summary of Data

Group	Number of Points	Mean	Standard Deviation	Standard Error of Mean	Median
1 STAR - PE	73	77.000	8.899	1.042	78.000
2 STAR - PE	16	80.063	9.198	2.299	75.500
3 STAR - PE	13	71.923	13.301	3.689	76.000

Group	Minimum	Maximum	95% Confidence Interval From	To
1 STAR - PE	53.000	97.000	74.921	79.079
2 STAR - PE	70.000	95.000	75.162	84.963
3 STAR - PE	41.000	88.000	63.885	79.961

TESTES ONE-WAY ANALYSIS OF VARIANCE (ANOVA) E TUKEY-KRAMER MULTIPLE COMPARISONS:

DIFERENÇAS ENTRE CATEGORIAS DE ÍNDICE DE MASSA CORPORAL, NO TESTE STAR EXCURSION, DIRECÇÃO POSTERIOR DIREITA.

One-way Analysis of Variance (ANOVA)
The P value is 0.2324, considered not significant.
Variation among column means is not significantly greater than expected by chance.

Tukey-Kramer Multiple Comparisons Test
If the value of q is greater than 3.371 then the P value is less than 0.05.

Comparison	Mean Difference	q	P value
1 STAR - PD vs 2 STAR - PD	-0.3519	0.1875	ns P>0.05
1 STAR - PD vs 3 STAR - PD	4.836	2.363	ns P>0.05
2 STAR - PD vs 3 STAR - PD	5.188	2.043	ns P>0.05

Difference	Mean Difference	95% Confidence Interval From	To
1 STAR - PD - 2 STAR - PD	-0.3519	-6.679	5.975
1 STAR - PD - 3 STAR - PD	4.836	-2.064	11.735
2 STAR - PD - 3 STAR - PD	5.188	-3.370	13.745

Group	KS	P Value	Passed normality test?
1 STAR - PD	0.09340	>0.10	Yes
2 STAR - PD	0.1827	>0.10	Yes
3 STAR - PD	0.1524	>0.10	Yes

Intermediate calculations. ANOVA table

Source of variation	Degrees of freedom	Sum of squares	Mean square
Treatments (between columns)	2	273.85	136.92
Residuals (within columns)	99	9152.5	92.449
Total	101	9426.3	

F = 1.481 =(MStreatment/MSresidual)

Summary of Data

Group	Number of Points	Mean	Standard Deviation	Standard Error of Mean	Median
1 STAR - PD	73	78.836	8.775	1.027	80.000
2 STAR - PD	16	79.188	9.382	2.346	77.000
3 STAR - PD	13	74.000	13.808	3.830	74.000

Group	Minimum	Maximum	95% Confidence Interval From	To
1 STAR - PD	57.000	97.000	76.786	80.886
2 STAR - PD	68.000	97.000	74.189	84.186
3 STAR - PD	44.000	90.000	65.655	82.345

TESTE KRUSKAL-WALLIS:

DIFERENÇAS ENTRE CATEGORIAS DE ÍNDICE DE MASSA CORPORAL, NO TESTE DO SALTO LATERAL MODIFICADO.

Kruskal-Wallis Test (Nonparametric ANOVA)

The P value is 0.2978, considered not significant.

Variation among column medians is not significantly greater than expected by chance.

The P value is approximate (from chi-square distribution) because at least one column has two or more identical values.

Calculation detail

Group	Number of Points	Sum of Ranks	Mean of Ranks
1 SLATMOD	73	3948.5	54.089
2 SLATMOD	16	773.00	48.313
3 SLATMOD	13	531.50	40.885

Kruskal-Wallis Statistic KW = 2.423 (corrected for ties)

Dunn's Multiple Comparisons Test

Comparison	Mean Rank Difference	P value
1 SLATMOD vs. 2 SLATMOD	5.777	ns P>0.05
1 SLATMOD vs. 3 SLATMOD	13.204	ns P>0.05
2 SLATMOD vs. 3 SLATMOD	7.428	ns P>0.05

Summary of Data

Group	Number of Points	Median	Minimum	Maximum
1 SLATMOD	73	47.000	3.000	60.000
2 SLATMOD	16	42.000	26.000	60.000
3 SLATMOD	13	44.000	7.000	57.000

TESTES ONE-WAY ANALYSIS OF VARIANCE (ANOVA) E TUKEY-KRAMER MULTIPLE COMPARISONS:

DIFERENÇAS ENTRE CATEGORIAS DE ÍNDICE DE MASSA CORPORAL, NO TESTE DE EQUILÍBRIO À RETAGUARDA, DA BATERIA KTK.

One-way Analysis of Variance (ANOVA)
The P value is 0.0498, considered significant.
Variation among column means is significantly greater than expected by chance.
Tukey-Kramer Multiple Comparisons Test
If the value of q is greater than 3.371 then the P value is less than 0.05.

Comparison	Mean Difference	q	P value
1 KTK vs 2 KTK	-0.2680	0.1176	ns P>0.05
1 KTK vs 3 KTK	8.564	3.447	* P<0.05
2 KTK vs 3 KTK	8.832	2.866	ns P>0.05

	Mean Difference	95% Confidence Interval From	To
1 KTK - 2 KTK	-0.2680	-7.948	7.412
1 KTK - 3 KTK	8.564	0.1889	16.939
2 KTK - 3 KTK	8.832	-1.556	19.220

Group	KS	P Value	Passed normality test?
1 KTK	0.06585	>0.10	Yes
2 KTK	0.1196	>0.10	Yes
3 KTK	0.1294	>0.10	Yes

Intermediate calculations. ANOVA table

Source of variation	Degrees of freedom	Sum of squares	Mean square
Treatments (between columns)	2	842.21	421.10
Residuals (within columns)	99	13485	136.21
Total	101	14327	

F = 3.091 =(MStreatment/MSresidual)

Summary of Data

Group	Number of Points	Mean	Standard Deviation	Standard Error of Mean	Median
1 KTK	73	48.795	11.693	1.369	49.000
2 KTK	16	49.063	10.043	2.511	50.500
3 KTK	13	40.231	13.318	3.694	40.000

Group	Minimum	Maximum	95% Confidence Interval From	To
1 KTK	25.000	72.000	46.063	51.526
2 KTK	30.000	65.000	43.712	54.413
3 KTK	24.000	70.000	32.182	48.279

TESTES ONE-WAY ANALYSIS OF VARIANCE (ANOVA) E TUKEY-KRAMER MULTIPLE COMPARISONS:

DIFERENÇAS ENTRE CATEGORIAS DE ÍNDICE DE MASSA CORPORAL, NO TESTE DA BATERIA DE NELSON.

One-way Analysis of Variance (ANOVA)

The P value is 0.3678, considered not significant.

Variation among column means is not significantly greater than expected by chance.

Tukey-Kramer Multiple Comparisons Test

If the value of q is greater than 3.371 then the P value is less than 0.05.

Comparison	Mean Difference	q	P value
1 BTNELSON vs 2 BTNELSON	0.5365	0.2571	ns P>0.05
1 BTNELSON vs 3 BTNELSON	-4.378	1.924	ns P>0.05
2 BTNELSON vs 3 BTNELSON	-4.915	1.741	ns P>0.05

Difference	Mean Difference	95% Confidence Interval From	To
1 BTNELSON - 2 BTNELSON	0.5365	-6.497	7.570
1 BTNELSON - 3 BTNELSON	-4.378	-12.049	3.292
2 BTNELSON - 3 BTNELSON	-4.915	-14.429	4.599

Group	KS	P Value	Passed normality test?
1 BTNELSON	0.1566	0.0557	Yes
2 BTNELSON	0.1796	>0.10	Yes
3 BTNELSON	0.1380	>0.10	Yes

Intermediate calculations. ANOVA table

Source of variation	Degrees of freedom	Sum of squares	Mean square
Treatments (between columns)	2	230.91	115.45
Residuals (within columns)	99	11312	114.26
Total	101	11542	

F = 1.010 =(MStreatment/MSresidual)

Summary of Data

Group	Number of Points	Mean	Standard Deviation	Standard Error of Mean	Median
1 BTNELSON	73	66.894	10.322	1.208	64.590
2 BTNELSON	16	66.358	12.528	3.132	62.925
3 BTNELSON	13	71.272	10.355	2.872	71.790

Group	Minimum	Maximum	95% Confidence Interval From	To
1 BTNELSON	46.840	104.41	64.483	69.305
2 BTNELSON	53.700	95.170	59.683	73.032
3 BTNELSON	57.890	89.390	65.015	77.530

PONTOS DE CORTE DO ÍNDICE DE MASSA CORPORAL

(NOVO REFERENCIAL DE CRESCIMENTO)

10 anos: 120,5 meses

IMC -for-age

RAPAZES	RAPARIGAS	PERCENTIS	CLASSIFICAÇÃO
IMC < 14,22	IMC < 14,04	IMC < P5	Baixo peso
14,22 ≤ IMC ≤ 19,39	14,04 ≤ IMC ≤ 19,98	P5 ≤ IMC ≤ P85	Peso normal
19,39 < IMC < 22,15	19,98 < IMC < 22,98	P85 < IMC < P95	Risco de Sobrepeso
IMC ≥ 22,15	IMC ≥ 22,98	IMC ≥ P95	Excesso de Peso

11 anos: 132,5 meses

BMI-for-age

RAPAZES	RAPARIGAS	PERCENTIS	CLASSIFICAÇÃO
IMC < 14,56	IMC < 14,40	IMC < P5	Baixo peso
14,56 ≤ IMC ≤ 20,20	14,40 ≤ IMC ≤ 20,87	P5 ≤ IMC ≤ P85	Peso normal
20,20 < IMC < 23,21	20,87 < IMC < 24,14	P85 < IMC < P95	Risco de Sobrepeso
IMC ≥ 23,21	IMC ≥ 24,14	IMC ≥ P95	Excesso de Peso

Sujeito nº ☐ Sexo: Idade:

EQUILÍBRIO ESTÁTICO

1) CEGONHA EM PÉ:

ENSAIOS	TEMPO (SEGUNDOS)
1º	
2º	
3º	

2) FLAMINGO:

NÚMERO DE TENTATIVAS (EM 60 SEGUNDOS)	

3) EQUILÍBRIO SOBRE A BARRA (BATERIA DE ROLOFF)

ENSAIOS	PÉ DIREITO	PÉ ESQUERDO
1º		
2º		
3º		

EQUILÍBRIO DINÂMICO

4) STAR-EXCURSION TEST

DIRECÇÕES DIAGONAIS	ENSAIOS	RESULTADO (cm)
ANTERIOR ESQUERDA	1º	
	2º	
	3º	
	4º	
	5º	
ANTERIOR DIREITA	1º	
	2º	
	3º	
	4º	
	5º	
POSTERIOR ESQUERDA	1º	
	2º	
	3º	
	4º	
	5º	
POSTERIOR DIREITA	1º	
	2º	
	3º	
	4º	
	5º	

5) TESTE DE SALTO LATERAL MODIFICADO

	Tentativas	Salto (Local **A**)	Empurrar o Objecto (2'')	Equilíbrio (5'')
Pé Direito	1ª			
	2ª			
Pé Esquerdo	1ª			
	2ª			

6) EQUILÍBRIO À RETAGUARDA (KTK)

TRAVE DE 6 cm	
1ª Tentativa	
2ª Tentativa	
3ª Tentativa	

TRAVE DE 4,5 cm	
1ª Tentativa	
2ª Tentativa	
3ª Tentativa	

TRAVE DE 3 cm	
1ª Tentativa	
2ª Tentativa	
3ª Tentativa	

PESO:

ALTURA:

EQUILÍBRIO ESTÁTICO & DINÂMICO

7) BATERIA DE TESTES DE NELSON

TEMPO GASTO NOS DOIS PERCURSOS (APROXIMADO: 1/10 DE SEGUNDO)	