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SPSS\Delta_IND_ANOVA.xlsx'
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EXECUTE.
DATASET NAME Conjunto_de_dados2 WINDOW=FRONT.
GLM Power_BL01 Power_BL02 Power_BL03 Power_BL04 Power_IBOE
  /WSFACTOR=ATIVIDADE 5 Polynomial
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General Linear Model

[Conjunto_de_dados2]

Within-Subjects Factors

Measure: MEASURE_1

ATIVIDADE	Dependent Variable
1	Power_BL01
2	Power_BL02
3	Power_BL03
4	Power_BL04
5	Power_IBOE

Descriptive Statistics

	Mean	Std. Deviation	N
Power_BL01	4,210810	2,7902222	7
Power_BL02	3,676594	3,1404392	7
Power_BL03	2,511053	1,9290434	7
Power_BL04	3,873528	2,9898767	7
Power_IBOE	2,947743	2,9582859	7

Multivariate Tests^a

Effect		Value	F	Hypothesis df	Error df	Sig.
ATIVIDADE	Pillai's Trace	,652	1,408 ^b	4,000	3,000	,405
	Wilks' Lambda	,348	1,408 ^b	4,000	3,000	,405
	Hotelling's Trace	1,878	1,408 ^b	4,000	3,000	,405
	Roy's Largest Root	1,878	1,408 ^b	4,000	3,000	,405

a. Design: Intercept
Within Subjects Design: ATIVIDADE

b. Exact statistic

Mauchly's Test of Sphericity^a

Measure: MEASURE_1

		Approx. Chi-Square	df	Sig.	Epsilon ^b
					Greenhouse-Geisser
Within Subjects Effect	Mauchly's W				
ATIVIDADE	,014	18,806	9	,037	,367

Mauchly's Test of Sphericity^a

Measure: MEASURE_1

	Epsilon ^b	
	Huynh-Feldt	Lower-bound
Within Subjects Effect		
ATIVIDADE	,457	,250

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. Design: Intercept
Within Subjects Design: ATIVIDADE

b. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F
ATIVIDADE	Sphericity Assumed	13,603	4	3,401	1,189
	Greenhouse-Geisser	13,603	1,468	9,263	1,189
	Huynh-Feldt	13,603	1,827	7,445	1,189
	Lower-bound	13,603	1,000	13,603	1,189
Error(ATIVIDADE)	Sphericity Assumed	68,671	24	2,861	
	Greenhouse-Geisser	68,671	8,811	7,794	
	Huynh-Feldt	68,671	10,962	6,264	
	Lower-bound	68,671	6,000	11,445	

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Sig.
ATIVIDADE	Sphericity Assumed	,341
	Greenhouse-Geisser	,331
	Huynh-Feldt	,336
	Lower-bound	,317
Error(ATIVIDADE)	Sphericity Assumed	
	Greenhouse-Geisser	
	Huynh-Feldt	
	Lower-bound	

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	ATIVIDADE	Type III Sum of Squares	df	Mean Square	F	Sig.
ATIVIDADE	Linear	3,798	1	3,798	,516	,500
	Quadratic	1,522	1	1,522	3,645	,105
	Cubic	1,922	1	1,922	,845	,394
	Order 4	6,361	1	6,361	4,586	,076
Error(ATIVIDADE)	Linear	44,191	6	7,365		
	Quadratic	2,506	6	,418		
	Cubic	13,652	6	2,275		
	Order 4	8,323	6	1,387		

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	415,127	1	415,127	15,033	,008
Error	165,687	6	27,615		

Estimated Marginal Means

ATIVIDADE

Estimates

Measure: MEASURE_1

ATIVIDADE	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	4,211	1,055	1,630	6,791
2	3,677	1,187	,772	6,581
3	2,511	,729	,727	4,295
4	3,874	1,130	1,108	6,639
5	2,948	1,118	,212	5,684

Pairwise Comparisons

Measure: MEASURE_1

		Mean Difference (I-J)	Std. Error	Sig. ^a	95% Confidence Interval
(I) ATIVIDADE	(J) ATIVIDADE				Lower Bound
1	2	,534	,422	1,000	-1,288
	3	1,700	,869	,983	-2,052
	4	,337	,930	1,000	-3,677
	5	1,263	1,114	1,000	-3,546
2	1	-,534	,422	1,000	-2,357
	3	1,166	1,084	1,000	-3,512
	4	-,197	1,230	1,000	-5,507
	5	,729	1,282	1,000	-4,807
3	1	-1,700	,869	,983	-5,452
	2	-1,166	1,084	1,000	-5,844
	4	-1,362	,471	,275	-3,395
	5	-,437	,522	1,000	-2,691
4	1	-,337	,930	1,000	-4,352
	2	,197	1,230	1,000	-5,113
	3	1,362	,471	,275	-,670
	5	,926	,556	1,000	-1,475
5	1	-1,263	1,114	1,000	-6,073
	2	-,729	1,282	1,000	-6,264
	3	,437	,522	1,000	-1,817
	4	-,926	,556	1,000	-3,327

Pairwise Comparisons

Measure: MEASURE_1

		95% Confidence ^a ...
(I) ATIVIDADE	(J) ATIVIDADE	Upper Bound
1	2	2,357
	3	5,452
	4	4,352
	5	6,073
2	1	1,288
	3	5,844
	4	5,113
	5	6,264
3	1	2,052
	2	3,512
	4	,670
	5	1,817
4	1	3,677
	2	5,507
	3	3,395
	5	3,327
5	1	3,546
	2	4,807
	3	2,691
	4	1,475

Based on estimated marginal means

a. Adjustment for multiple comparisons: Bonferroni.

Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.
Pillai's trace	,652	1,408 ^a	4,000	3,000	,405
Wilks' lambda	,348	1,408 ^a	4,000	3,000	,405
Hotelling's trace	1,878	1,408 ^a	4,000	3,000	,405
Roy's largest root	1,878	1,408 ^a	4,000	3,000	,405

Each F tests the multivariate effect of ATIVIDADE. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Exact statistic