

GET

DATASET NAME DataSet1 WINDOW=FRONT.

FREQUENCIES VARIABLES=Genero Dextro Actividade Escola Area Grau Ano Actv\_principal  
/ORDER=ANALYSIS.

## Frequencies

### Frequency Table

#### Genero

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid F	156	54,4	54,4	54,4
M	131	45,6	45,6	100,0
Total	287	100,0	100,0	

#### Dextro

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Canhoto	25	8,7	8,7	8,7
Dextro	253	88,2	88,2	96,9
Ambidextro	9	3,1	3,1	100,0
Total	287	100,0	100,0	

#### Actividade

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Estudante	196	68,3	68,3	68,3
Estudante-trabalhador	91	31,7	31,7	100,0
Total	287	100,0	100,0	

### Escola

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	ESAD - FRESS	29	10,1	10,1	10,1
	ESAD - IPL	3	1,0	1,0	11,1
	ESAD Matosinhos	2	,7	,7	11,8
	ESTT - IPT	36	12,5	12,5	24,4
	FAUTL	38	13,2	13,2	37,6
	FBAUL	13	4,5	4,5	42,2
	IADE	34	11,8	11,8	54,0
	ISEC	45	15,7	15,7	69,7
	LUSIADA	3	1,0	1,0	70,7
	LUSOFONA	61	21,3	21,3	92,0
	Univ Aveiro	2	,7	,7	92,7
	Univ. Évora	21	7,3	7,3	100,0
	Total	287	100,0	100,0	

### Area

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Arquitectura/Urbanismo	4	1,4	1,4	1,4
	Design grafico	177	61,7	61,7	63,1
	Design Industrial	54	18,8	18,8	81,9
	Design Interiores	38	13,2	13,2	95,1
	Design têxtil	1	,3	,3	95,5
	Outra	13	4,5	4,5	100,0
	Total	287	100,0	100,0	

### Grau

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Licenciatura	228	79,4	79,4	79,4
	Mestrado	54	18,8	18,8	98,3
	Doutoramento	5	1,7	1,7	100,0
	Total	287	100,0	100,0	

### Ano

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1	140	48,8	48,8	48,8
2	56	19,5	19,5	68,3
3	83	28,9	28,9	97,2
4	6	2,1	2,1	99,3
5	2	,7	,7	100,0
Total	287	100,0	100,0	

### Actv\_principal

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Design grafico	42	14,6	42,4	42,4
Design Industrial	4	1,4	4,0	46,5
Design Interiores	4	1,4	4,0	50,5
Marketing	2	,7	2,0	52,5
Outra	47	16,4	47,5	100,0
Total	99	34,5	100,0	
Missing System	188	65,5		
Total	287	100,0		

```
DESCRIPTIVES VARIABLES=Idade  
/STATISTICS=MEAN STDDEV MIN MAX.
```

## Descriptives

### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Idade	287	18	58	23,67	6,055
Valid N (listwise)	287				

```
FREQUENCIES VARIABLES=Idade  
/ORDER=ANALYSIS.
```

## Frequencies

### Statistics

Idade

N	Valid	287
	Missing	0

**Idade**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 18	15	5,2	5,2	5,2
19	26	9,1	9,1	14,3
20	33	11,5	11,5	25,8
21	55	19,2	19,2	44,9
22	31	10,8	10,8	55,7
23	40	13,9	13,9	69,7
24	17	5,9	5,9	75,6
25	17	5,9	5,9	81,5
26	8	2,8	2,8	84,3
27	3	1,0	1,0	85,4
28	9	3,1	3,1	88,5
29	4	1,4	1,4	89,9
30	4	1,4	1,4	91,3
31	1	,3	,3	91,6
32	1	,3	,3	92,0
33	1	,3	,3	92,3
34	1	,3	,3	92,7
35	5	1,7	1,7	94,4
37	5	1,7	1,7	96,2
40	1	,3	,3	96,5
41	1	,3	,3	96,9
43	2	,7	,7	97,6
44	1	,3	,3	97,9
45	1	,3	,3	98,3
46	2	,7	,7	99,0
50	1	,3	,3	99,3
56	1	,3	,3	99,7
58	1	,3	,3	100,0
Total	287	100,0	100,0	

```
RECODE Idade (18 thru 20=1) (21 thru 25=2) (26 thru 30=3) (31 thru 35=4) (36 t
hru Highest=5) INTO Idade_grp.
```

```
EXECUTE.
```

```
FREQUENCIES VARIABLES=Idade_grp
```

```
 /ORDER=ANALYSIS.
```

## Frequências

### Statistics

Idade\_grp

N	Valid	287
	Missing	0

### Idade\_grp

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid até 20 anos	74	25,8	25,8	25,8
21-25	160	55,7	55,7	81,5
26-30	28	9,8	9,8	91,3
31-35	9	3,1	3,1	94,4
> 35 anos	16	5,6	5,6	100,0
Total	287	100,0	100,0	

```
FREQUENCIES VARIABLES=Idade_grp  
  /BARChart FREQ  
  /ORDER=ANALYSIS.
```

## Frequencies

### Statistics

Idade\_grp

N	Valid	287
	Missing	0

\* Custom Tables.

```
CTABLES
```

```
  /VLABELS VARIABLES=Metal_01 Metal_02 Metal_03 Metal_04 Metal_05 Metal_06 Metal_07 Metal_08 Metal_09 Metal_10 Metal_11 Metal_12 Metal_13 Metal_14 Metal_15  
  DISPLAY=LABEL
```

```
  /TABLE Metal_01 [COUNT F40.0] + Metal_02 [COUNT F40.0] + Metal_03 [COUNT F40.0] + Metal_04 [COUNT F40.0] + Metal_05 [COUNT F40.0] + Metal_06 [COUNT F40.0]  
  + Metal_07 [COUNT F40.0] + Metal_08 [COUNT F40.0] + Metal_09 [COUNT F40.0] +  
  Metal_10 [COUNT F40.0] + Metal_11 [COUNT F40.0] + Metal_12 [COUNT F40.0] + Metal_13 [COUNT F40.0] + Metal_14 [COUNT F40.0] + Metal_15 [COUNT F40.0]
```

```
  /CATEGORIES VARIABLES=Metal_01 Metal_02 Metal_03 Metal_04 Metal_05 Metal_06 Metal_07 Metal_08 Metal_09 Metal_10 Metal_11 Metal_12 Metal_13 Metal_14 Metal_15  
  ORDER=A KEY=VALUE EMPTY=EXCLUDE.
```

## Custom Tables

		Count
Metal_01	1	45
Metal_02	1	183
Metal_03	1	245
Metal_04	1	10
Metal_05	1	27
Metal_06	1	16
Metal_07	1	10
Metal_08	1	206
Metal_09	1	54
Metal_10	1	16
Metal_12	1	50
Metal_13	1	1
Metal_14	1	15
Metal_15		285
	antimónio	1
	Tungsténio	1

#### CROSSTABS

```

/TABLES=Metal_01 Metal_02 Metal_03 Metal_04 Metal_05 Metal_06 Metal_07 Metal
_08 Metal_09 Metal_10 Metal_11 Metal_12 Metal_13 Metal_14 BY Genero
/FORMAT=AVALUE TABLES
/STATISTICS=CHISQ
/CELLS=COUNT ROW COLUMN TOTAL
/COUNT ROUND CELL.

```

```

DESCRIPTIVES VARIABLES=P2_2_Prop_01 P2_2_Prop_02 P2_2_Prop_03 P2_2_Prop_04 P2_
2_Prop_05 P2_2_Prop_06 P2_2_Prop_07 P2_2_Prop_08 P2_2_Prop_09 P2_2_Prop_10 P2_
2_Aplic_01 P2_2_Aplic_02 P2_2_Aplic_03 P2_2_Aplic_04 P2_2_Aplic_05 P2_2_Aplic_
06 P2_2_Aplic_07
P2_2_Aplic_08 P2_2_Aplic_09 P2_2_Aplic_10
/STATISTICS=MEAN STDDEV MIN MAX.

```

## Descriptives

### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
P2_2_Prop_01	285	0	2	,23	,468
P2_2_Prop_02	284	0	3	,26	,547
P2_2_Prop_03	281	0	3	,95	,818
P2_2_Prop_04	284	0	3	,64	,814
P2_2_Prop_05	282	0	3	,45	,690
P2_2_Prop_06	284	0	3	,85	,772
P2_2_Prop_07	281	0	3	,58	,709
P2_2_Prop_08	280	0	2	,33	,542
P2_2_Prop_09	281	0	2	,41	,648
P2_2_Prop_10	282	0	2	,61	,689
P2_2_Aplic_01	276	0	2	,25	,509
P2_2_Aplic_02	276	0	3	,28	,578
P2_2_Aplic_03	279	0	3	,90	,835
P2_2_Aplic_04	275	0	3	,59	,816
P2_2_Aplic_05	274	0	3	,41	,658
P2_2_Aplic_06	280	0	3	,75	,783
P2_2_Aplic_07	275	0	2	,47	,641
P2_2_Aplic_08	275	0	2	,27	,549
P2_2_Aplic_09	278	0	2	,36	,600
P2_2_Aplic_10	275	0	2	,56	,678
Valid N (listwise)	246				

```
DESCRIPTIVES VARIABLES=P3_aco_01 P3_aco_02 P3_aco_03 P3_aco_04 P3_aco_05 P3_aco_06 P3_aco_07 P3_aco_08 P3_aco_09 P3_aco_10 P3_aco_11 P3_aco_12 P3_aco_13 P3_aco_14 P3_aco_15 P3_aco_16 P3_aco_17 P3_aco_18 P3_aco_19 P3_aco_20 P3_aco_21 P3_aco_22
```

```
/STATISTICS=MEAN STDDEV MIN MAX.
```

## Descriptives

### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
P3_aco_01	286	-2	2	-,79	,994
P3_aco_02	287	-2	2	1,31	,931
P3_aco_03	283	-2	2	,43	1,020
P3_aco_04	286	-2	2	,08	1,042
P3_aco_05	286	-2	2	,17	1,095
P3_aco_06	286	-2	2	-,06	1,106
P3_aco_07	286	-2	2	-,93	,992
P3_aco_08	287	-2	2	,66	1,075
P3_aco_09	287	-2	2	1,55	,746
P3_aco_10	287	-2	2	1,45	,826
P3_aco_11	287	-2	2	-1,37	,890
P3_aco_12	286	-2	2	1,17	,915
P3_aco_13	287	-2	2	,55	1,181
P3_aco_14	281	-2	2	,13	1,041
P3_aco_15	286	-2	2	,67	1,034
P3_aco_16	283	-2	2	,16	,894
P3_aco_17	284	-2	2	,06	,905
P3_aco_18	286	-2	2	-,83	1,105
P3_aco_19	286	-2	3	1,15	,955
P3_aco_20	284	-2	2	,50	,822
P3_aco_21	286	-2	2	-,01	1,073
P3_aco_22	286	-2	2	-,40	1,010
Valid N (listwise)	264				

```

DESCRIPTIVES VARIABLES=P3_alum_01 P3_alum_02 P3_alum_03 P3_alum_04 P3_alum_05
P3_alum_06 P3_alum_07 P3_alum_08 P3_alum_09 P3_alum_10 P3_alum_11 P3_alum_12 P
3_alum_13 P3_alum_14 P3_alum_15 P3_alum_16 P3_alum_17 P3_alum_18 P3_alum_19 P3
_alum_20 P3_alum_21
P3_alum_22
/STATISTICS=MEAN STDDEV MIN MAX.

```

## Descriptives

### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
P3_alum_01	286	-2	2	,14	,955
P3_alum_02	286	-2	2	1,03	,987
P3_alum_03	284	-2	2	,53	1,055
P3_alum_04	286	-2	2	-,18	1,212
P3_alum_05	286	-2	2	-,43	1,223
P3_alum_06	286	-2	2	,27	1,019
P3_alum_07	284	-2	2	-,56	,921
P3_alum_08	284	-2	2	,05	1,162
P3_alum_09	286	-2	2	,07	1,143
P3_alum_10	285	-2	2	,52	1,155
P3_alum_11	286	-2	2	,03	1,103
P3_alum_12	286	-2	2	,30	1,049
P3_alum_13	286	-2	2	-,53	1,097
P3_alum_14	285	-2	2	-,15	1,025
P3_alum_15	285	-2	2	,52	,995
P3_alum_16	286	-2	2	,11	,879
P3_alum_17	285	-2	2	-,12	,911
P3_alum_18	287	-2	2	1,16	,889
P3_alum_19	287	-2	2	1,05	,864
P3_alum_20	281	-2	2	,36	,758
P3_alum_21	285	-2	2	-,38	,895
P3_alum_22	285	-2	2	-,46	1,015
Valid N (listwise)	272				

```

DESCRIPTIVES VARIABLES=P3_Bronze_01 P3_Bronze_02 P3_Bronze_03 P3_Bronze_04 P3_
Bronze_05 P3_Bronze_06 P3_Bronze_07 P3_Bronze_08 P3_Bronze_09 P3_Bronze_10 P3_
Bronze_11 P3_Bronze_12 P3_Bronze_13 P3_Bronze_14 P3_Bronze_15 P3_Bronze_16 P3_
Bronze_17
P3_Bronze_18 P3_Bronze_19 P3_Bronze_20 P3_Bronze_21 P3_Bronze_22
/STATISTICS=MEAN STDDEV MIN MAX.

```

## Descriptives

### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
P3_Bronze_01	287	-2	2	,15	1,079
P3_Bronze_02	287	-2	2	-,57	1,007
P3_Bronze_03	286	-2	2	-,41	,953
P3_Bronze_04	283	-2	2	,51	1,060
P3_Bronze_05	284	-2	2	,01	1,174
P3_Bronze_06	287	-2	2	-,99	,920
P3_Bronze_07	285	-2	2	-,39	,989
P3_Bronze_08	286	-2	2	-,80	1,017
P3_Bronze_09	286	-2	2	,28	1,126
P3_Bronze_10	287	-2	2	,92	,907
P3_Bronze_11	287	-2	2	-,51	1,125
P3_Bronze_12	286	-2	2	,22	1,082
P3_Bronze_13	287	-2	2	,13	1,069
P3_Bronze_14	283	-2	2	,61	,943
P3_Bronze_15	287	-2	2	-,22	1,036
P3_Bronze_16	285	-2	2	-,17	,964
P3_Bronze_17	286	-2	2	,00	,879
P3_Bronze_18	287	-2	2	-,38	1,106
P3_Bronze_19	287	-2	2	,08	1,043
P3_Bronze_20	285	-2	2	-,42	,879
P3_Bronze_21	283	-2	2	,38	,864
P3_Bronze_22	286	-2	2	,13	1,087
Valid N (listwise)	270				

```

DESCRIPTIVES VARIABLES=P3_Ferro_01 P3_Ferro_02 P3_Ferro_03 P3_Ferro_04 P3_Ferro_05 P3_Ferro_06 P3_Ferro_07 P3_Ferro_08 P3_Ferro_09 P3_Ferro_10 P3_Ferro_11 P3_Ferro_12 P3_Ferro_13 P3_Ferro_14 P3_Ferro_15 P3_Ferro_16 P3_Ferro_17 P3_Ferro_18 P3_Ferro_19 P3_Ferro_20 P3_Ferro_21 P3_Ferro_22
/STATISTICS=MEAN STDDEV MIN MAX.

```

## Descriptives

### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
P3_Ferro_01	285	-2	2	-1,14	,997
P3_Ferro_02	286	-2	2	,47	1,403
P3_Ferro_03	285	-2	2	-,28	1,199
P3_Ferro_04	286	-2	2	-,55	1,027
P3_Ferro_05	282	-2	2	,65	1,054
P3_Ferro_06	286	-2	2	-,74	,981
P3_Ferro_07	286	-2	2	-,46	1,280
P3_Ferro_08	285	-2	2	,54	1,053
P3_Ferro_09	284	-2	2	1,25	,930
P3_Ferro_10	285	-2	2	1,03	1,076
P3_Ferro_11	285	-2	2	-1,26	,936
P3_Ferro_12	285	-2	2	1,19	,899
P3_Ferro_13	285	-2	2	,62	1,194
P3_Ferro_14	282	-2	2	,75	1,020
P3_Ferro_15	286	-2	2	-,08	1,225
P3_Ferro_16	282	-2	2	,34	,922
P3_Ferro_17	283	-2	2	,14	,832
P3_Ferro_18	284	-2	2	-1,19	,876
P3_Ferro_19	286	-2	2	,76	1,152
P3_Ferro_20	282	-2	2	,37	,825
P3_Ferro_21	284	-2	2	,31	1,000
P3_Ferro_22	285	-2	2	-,93	,953
Valid N (listwise)	267				

```

DESCRIPTIVES VARIABLES=P3_titaneo_01 P3_titaneo_02 P3_titaneo_03 P3_titaneo_04
P3_titaneo_05 P3_titaneo_06 P3_titaneo_07 P3_titaneo_08 P3_titaneo_09 P3_tita
neo_10 P3_titaneo_11 P3_titaneo_12 P3_titaneo_13 P3_titaneo_14 P3_titaneo_15 P
3_titaneo_16
P3_titaneo_17 P3_titaneo_18 P3_titaneo_19 P3_titaneo_20 P3_titaneo_21 P3_titan
eo_22
/STATISTICS=MEAN STDDEV MIN MAX.

```

## Descriptives

### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
P3_titaneo_01	285	-2	2	-,31	1,160
P3_titaneo_02	285	-2	2	1,13	1,052
P3_titaneo_03	281	-2	2	1,22	,934
P3_titaneo_04	285	-2	2	1,34	,852
P3_titaneo_05	282	-2	2	-,08	1,204
P3_titaneo_06	285	-2	2	,58	,985
P3_titaneo_07	284	-2	2	-,45	1,128
P3_titaneo_08	284	-2	2	-,01	1,053
P3_titaneo_09	284	-2	2	1,05	1,125
P3_titaneo_10	285	-2	2	1,28	,953
P3_titaneo_11	284	-2	2	-,69	1,253
P3_titaneo_12	284	-2	2	,71	1,101
P3_titaneo_13	283	-2	2	,39	1,163
P3_titaneo_14	284	-2	2	-,98	1,062
P3_titaneo_15	285	-2	2	,60	1,110
P3_titaneo_16	283	-2	2	-,30	1,041
P3_titaneo_17	282	-2	2	-,47	,984
P3_titaneo_18	285	-2	2	,28	1,350
P3_titaneo_19	284	-2	2	,34	1,056
P3_titaneo_20	283	-2	2	,43	,921
P3_titaneo_21	283	-2	2	-,64	1,009
P3_titaneo_22	283	-2	2	,95	1,016
Valid N (listwise)	270				

```
DESCRIPTIVES VARIABLES=P3_6_01 P3_6_02 P3_6_03 P3_6_04 P3_6_05 P3_6_06 P3_6_07
P3_6_08 P3_6_09 P3_6_10 P3_6_11 P3_6_12 P3_6_13 P3_6_14 P3_6_15
/STATISTICS=MEAN STDDEV MIN MAX.
```

## Descriptives

### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
P3_6_01	284	0	3	2,01	,742
P3_6_02	284	0	3	2,51	,643
P3_6_03	284	1	3	2,15	,711
P3_6_04	285	0	3	1,91	,747
P3_6_05	272	0	3	1,49	,749
P3_6_06	284	0	3	2,12	,797
P3_6_07	282	0	3	1,16	,797
P3_6_08	284	0	3	2,63	,651
P3_6_09	284	0	3	2,41	,715
P3_6_10	281	0	3	2,44	,763
P3_6_11	283	0	3	1,54	,900
P3_6_12	284	0	3	2,24	,904
P3_6_13	284	0	3	1,44	,766
P3_6_14	285	0	3	1,73	,872
P3_6_15	285	0	3	1,74	,904
Valid N (listwise)	260				

\* Custom Tables.

CTABLES

```
/VLABELS VARIABLES=MP_01 MP_02 MP_03 MP_04 MP_05 MP_06 MP_07 MP_08 MP_09 MP_10 MP_11
```

```
DISPLAY=LABEL
```

```
/TABLE MP_01 [COUNT F40.0] + MP_02 [COUNT F40.0] + MP_03 [COUNT F40.0] + MP_04 [COUNT F40.0] + MP_05 [COUNT F40.0] + MP_06 [COUNT F40.0] + MP_07 [COUNT F40.0] + MP_08 [COUNT F40.0] + MP_09 [COUNT F40.0] + MP_10 [COUNT F40.0] + MP_11 [COUNT F40.0]
```

```
/CATEGORIES VARIABLES=MP_01 MP_02 MP_03 MP_04 MP_05 MP_06 MP_07 MP_08 MP_09 MP_10 MP_11 ORDER=A KEY=VALUE EMPTY=EXCLUDE.
```

### Custom Tables

	Count
MP_01 1	10
MP_02 1	42
MP_03 1	14
MP_04 1	199
MP_05 1	37
MP_06 1	38
MP_07 1	231
MP_08 1	29
MP_09 1	11
MP_10 1	4
MP_11 1	184

\* Custom Tables.

CTABLES

```
/VLABELS VARIABLES=ML_01 ML_02 ML_03 ML_04 ML_05 ML_06 ML_07 ML_08 ML_09 ML_10 ML_11 ML_12
```

```
DISPLAY=LABEL
```

```
/TABLE ML_01 [COUNT F40.0] + ML_02 [COUNT F40.0] + ML_03 [COUNT F40.0] + ML_04 [COUNT F40.0] + ML_05 [COUNT F40.0] + ML_06 [COUNT F40.0] + ML_07 [COUNT F40.0] + ML_08 [COUNT F40.0] + ML_09 [COUNT F40.0] + ML_10 [COUNT F40.0] + ML_11 [COUNT F40.0] + ML_12 [COUNT F40.0]
```

```
/CATEGORIES VARIABLES=ML_01 ML_02 ML_03 ML_04 ML_05 ML_06 ML_07 ML_08 ML_09 ML_10 ML_11 ML_12 ORDER=A KEY=VALUE EMPTY=EXCLUDE.
```

## Custom Tables

	Count
ML_01 1	172
ML_02 1	27
ML_03 1	130
ML_04 1	6
ML_05 1	47
ML_06 1	49
ML_07 1	3
ML_08 1	45
ML_09 1	227
ML_10 1	211
ML_11 1	2
ML_12 1	3

```
DESCRIPTIVES VARIABLES=P4_2_C3 P4_2_d2 P4_2_E1 P4_2_F3 P4_2_G9 P4_2_H2 P4_2_J2
P4_2_M8 P4_2_Q3 P4_2_R1 P4_2_W P4_2_Z
/STATISTICS=MEAN STDDEV MIN MAX.
```

## Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
P4_2_C3	278	1	5	2,12	,862
P4_2_d2	278	1	5	2,21	,943
P4_2_E1	269	1	5	2,41	,983
P4_2_F3	280	1	5	2,08	1,013
P4_2_G9	271	1	5	2,28	1,075
P4_2_H2	276	1	5	2,26	1,075
P4_2_J2	264	1	5	2,35	1,009
P4_2_M8	273	1	5	2,58	1,112
P4_2_Q3	275	1	5	4,01	1,293
P4_2_R1	281	1	5	3,88	1,205
P4_2_W	279	1	5	3,23	1,104
P4_2_Z	274	1	5	3,32	1,054
Valid N (listwise)	210				

\* Custom Tables.

CTABLES

```
/VLABELS VARIABLES=Agr_01 Agr_02 Agr_03 Agr_04 Agr_05 Agr_06 Agr_07 Agr_08 A
gr_09 Agr_10 Agr_11 Agr_12
```

```
DISPLAY=LABEL
```

```
/TABLE Agr_01 [COUNT F40.0] + Agr_02 [COUNT F40.0] + Agr_03 [COUNT F40.0] +
Agr_04 [COUNT F40.0] + Agr_05 [COUNT F40.0] + Agr_06 [COUNT F40.0] + Agr_07 [C
OUNT F40.0] + Agr_08 [COUNT F40.0] + Agr_09 [COUNT F40.0] + Agr_10 [COUNT F40.
0] + Agr_11 [COUNT
F40.0] + Agr_12 [COUNT F40.0]
```

```
/CATEGORIES VARIABLES=Agr_01 Agr_02 Agr_03 Agr_04 Agr_05 Agr_06 Agr_07 Agr_0
8 Agr_09 Agr_10 Agr_11 Agr_12 ORDER=A KEY=VALUE EMPTY=EXCLUDE.
```

## Custom Tables

		Count
Agr_01	1	2
Agr_02	1	6
Agr_03	1	22
Agr_04	1	19
Agr_05	1	6
Agr_06	1	28
Agr_07	1	140
Agr_08	1	8
Agr_09	1	47
Agr_10	1	19
Agr_11	1	9
Agr_12	1	11

\* Custom Tables.

CTABLES

```
/VLABELS VARIABLES=Tec_01 Tec_02 Tec_03 Tec_04 Tec_05 Tec_06 Tec_07 Tec_08 Tec_09 Tec_10 Tec_11 Tec_12
```

```
DISPLAY=LABEL
```

```
/TABLE Tec_01 [COUNT F40.0] + Tec_02 [COUNT F40.0] + Tec_03 [COUNT F40.0] + Tec_04 [COUNT F40.0] + Tec_05 [COUNT F40.0] + Tec_06 [COUNT F40.0] + Tec_07 [COUNT F40.0] + Tec_08 [COUNT F40.0] + Tec_09 [COUNT F40.0] + Tec_10 [COUNT F40.0] + Tec_11 [COUNT F40.0] + Tec_12 [COUNT F40.0]
```

```
/CATEGORIES VARIABLES=Tec_01 Tec_02 Tec_03 Tec_04 Tec_05 Tec_06 Tec_07 Tec_08 Tec_09 Tec_10 Tec_11 Tec_12 ORDER=A KEY=VALUE EMPTY=EXCLUDE.
```

## Custom Tables

		Count
Tec_01	1	78
Tec_02	1	87
Tec_03	1	37
Tec_04	1	78
Tec_05	1	118
Tec_06	1	59
Tec_07	1	3
Tec_08	1	61
Tec_09	1	15
Tec_10	1	81
Tec_11	1	25
Tec_12	1	128

CROSSTABS

```

/TABLES=Metal_01 Metal_02 Metal_03 Metal_04 Metal_05 Metal_06 Metal_07 Metal
_08 Metal_09 Metal_10 Metal_11 Metal_12 Metal_13 Metal_14 BY Genero
/FORMAT=AVALUE TABLES
/STATISTICS=CHISQ
/CELLS=COUNT ROW COLUMN TOTAL
/COUNT ROUND CELL.

```

## Crosstabs

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Metal_01 * Genero	287	100,0%	0	,0%	287	100,0%
Metal_02 * Genero	287	100,0%	0	,0%	287	100,0%
Metal_03 * Genero	287	100,0%	0	,0%	287	100,0%
Metal_04 * Genero	287	100,0%	0	,0%	287	100,0%
Metal_05 * Genero	287	100,0%	0	,0%	287	100,0%
Metal_06 * Genero	287	100,0%	0	,0%	287	100,0%
Metal_07 * Genero	287	100,0%	0	,0%	287	100,0%
Metal_08 * Genero	287	100,0%	0	,0%	287	100,0%
Metal_09 * Genero	287	100,0%	0	,0%	287	100,0%
Metal_10 * Genero	287	100,0%	0	,0%	287	100,0%
Metal_11 * Genero	287	100,0%	0	,0%	287	100,0%
Metal_12 * Genero	287	100,0%	0	,0%	287	100,0%
Metal_13 * Genero	287	100,0%	0	,0%	287	100,0%
Metal_14 * Genero	287	100,0%	0	,0%	287	100,0%

**Metal\_01 \* Genero**

**Crosstab**

			Genero		Total
			F	M	
Metal_01	selecionado	Count	24	21	45
		% within Metal_01	53,3%	46,7%	100,0%
		% within Genero	15,4%	16,0%	15,7%
		% of Total	8,4%	7,3%	15,7%
Metal_01	não selecionado	Count	132	110	242
		% within Metal_01	54,5%	45,5%	100,0%
		% within Genero	84,6%	84,0%	84,3%
		% of Total	46,0%	38,3%	84,3%
Total		Count	156	131	287
		% within Metal_01	54,4%	45,6%	100,0%
		% within Genero	100,0%	100,0%	100,0%
		% of Total	54,4%	45,6%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,022 <sup>a</sup>	1	,881		
Continuity Correction <sup>b</sup>	,000	1	1,000		
Likelihood Ratio	,022	1	,881		
Fisher's Exact Test				1,000	,504
N of Valid Cases	287				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 20,54.

b. Computed only for a 2x2 table

**Metal\_02 \* Genero**

**Crosstab**

			Genero		Total
			F	M	
Metal_02	selecionado	Count	108	75	183
		% within Metal_02	59,0%	41,0%	100,0%
		% within Genero	69,2%	57,3%	63,8%
		% of Total	37,6%	26,1%	63,8%
Metal_02	nãõ selecionado	Count	48	56	104
		% within Metal_02	46,2%	53,8%	100,0%
		% within Genero	30,8%	42,7%	36,2%
		% of Total	16,7%	19,5%	36,2%
Total		Count	156	131	287
		% within Metal_02	54,4%	45,6%	100,0%
		% within Genero	100,0%	100,0%	100,0%
		% of Total	54,4%	45,6%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	4,422 <sup>a</sup>	1	,035		
Continuity Correction <sup>b</sup>	3,919	1	,048		
Likelihood Ratio	4,419	1	,036		
Fisher's Exact Test				,037	,024
N of Valid Cases	287				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 47,47.

b. Computed only for a 2x2 table

**Metal\_03 \* Genero**

**Crosstab**

			Genero		Total
			F	M	
Metal_03	selecionado	Count	133	112	245
		% within Metal_03	54,3%	45,7%	100,0%
		% within Genero	85,3%	85,5%	85,4%
		% of Total	46,3%	39,0%	85,4%
	não selecionado	Count	23	19	42
		% within Metal_03	54,8%	45,2%	100,0%
		% within Genero	14,7%	14,5%	14,6%
		% of Total	8,0%	6,6%	14,6%
Total	Count	156	131	287	
	% within Metal_03	54,4%	45,6%	100,0%	
	% within Genero	100,0%	100,0%	100,0%	
	% of Total	54,4%	45,6%	100,0%	

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,003 <sup>a</sup>	1	,954		
Continuity Correction <sup>b</sup>	,000	1	1,000		
Likelihood Ratio	,003	1	,954		
Fisher's Exact Test				1,000	,545
N of Valid Cases	287				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 19,17.

b. Computed only for a 2x2 table

**Metal\_04 \* Genero**

**Crosstab**

			Genero		Total
			F	M	
Metal_04	selecionado	Count	3	7	10
		% within Metal_04	30,0%	70,0%	100,0%
		% within Genero	1,9%	5,3%	3,5%
		% of Total	1,0%	2,4%	3,5%
	não selecionado	Count	153	124	277
		% within Metal_04	55,2%	44,8%	100,0%
		% within Genero	98,1%	94,7%	96,5%
		% of Total	53,3%	43,2%	96,5%
Total	Count	156	131	287	
	% within Metal_04	54,4%	45,6%	100,0%	
	% within Genero	100,0%	100,0%	100,0%	
	% of Total	54,4%	45,6%	100,0%	

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2,477 <sup>a</sup>	1	,116		
Continuity Correction <sup>b</sup>	1,564	1	,211		
Likelihood Ratio	2,507	1	,113		
Fisher's Exact Test				,194	,106
N of Valid Cases	287				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 4,56.

b. Computed only for a 2x2 table

**Metal\_05 \* Genero**

**Crosstab**

			Genero		Total
			F	M	
Metal_05	selecionado	Count	9	18	27
		% within Metal_05	33,3%	66,7%	100,0%
		% within Genero	5,8%	13,7%	9,4%
		% of Total	3,1%	6,3%	9,4%
	não selecionado	Count	147	113	260
		% within Metal_05	56,5%	43,5%	100,0%
		% within Genero	94,2%	86,3%	90,6%
		% of Total	51,2%	39,4%	90,6%
Total		Count	156	131	287
		% within Metal_05	54,4%	45,6%	100,0%
		% within Genero	100,0%	100,0%	100,0%
		% of Total	54,4%	45,6%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	5,309 <sup>a</sup>	1	,021		
Continuity Correction <sup>b</sup>	4,415	1	,036		
Likelihood Ratio	5,337	1	,021		
Fisher's Exact Test				,026	,018
N of Valid Cases	287				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 12,32.

b. Computed only for a 2x2 table

**Metal\_06 \* Genero**

**Crosstab**

			Genero		Total
			F	M	
Metal_06	selecionado	Count	7	9	16
		% within Metal_06	43,8%	56,3%	100,0%
		% within Genero	4,5%	6,9%	5,6%
		% of Total	2,4%	3,1%	5,6%
	não selecionado	Count	149	122	271
		% within Metal_06	55,0%	45,0%	100,0%
		% within Genero	95,5%	93,1%	94,4%
		% of Total	51,9%	42,5%	94,4%
Total		Count	156	131	287
		% within Metal_06	54,4%	45,6%	100,0%
		% within Genero	100,0%	100,0%	100,0%
		% of Total	54,4%	45,6%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,768 <sup>a</sup>	1	,381		
Continuity Correction <sup>b</sup>	,382	1	,536		
Likelihood Ratio	,765	1	,382		
Fisher's Exact Test				,444	,267
N of Valid Cases	287				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 7,30.

b. Computed only for a 2x2 table

**Metal\_07 \* Genero**

**Crosstab**

			Genero		Total
			F	M	
Metal_07	selecionado	Count	8	2	10
		% within Metal_07	80,0%	20,0%	100,0%
		% within Genero	5,1%	1,5%	3,5%
		% of Total	2,8%	,7%	3,5%
	não selecionado	Count	148	129	277
		% within Metal_07	53,4%	46,6%	100,0%
		% within Genero	94,9%	98,5%	96,5%
		% of Total	51,6%	44,9%	96,5%
Total		Count	156	131	287
		% within Metal_07	54,4%	45,6%	100,0%
		% within Genero	100,0%	100,0%	100,0%
		% of Total	54,4%	45,6%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2,746 <sup>a</sup>	1	,097		
Continuity Correction <sup>b</sup>	1,780	1	,182		
Likelihood Ratio	2,979	1	,084		
Fisher's Exact Test				,117	,089
N of Valid Cases	287				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 4,56.

b. Computed only for a 2x2 table

**Metal\_08 \* Genero**

**Crosstab**

			Genero		Total
			F	M	
Metal_08	selecionado	Count	105	101	206
		% within Metal_08	51,0%	49,0%	100,0%
		% within Genero	67,3%	77,1%	71,8%
		% of Total	36,6%	35,2%	71,8%
	não selecionado	Count	51	30	81
		% within Metal_08	63,0%	37,0%	100,0%
		% within Genero	32,7%	22,9%	28,2%
		% of Total	17,8%	10,5%	28,2%
Total		Count	156	131	287
		% within Metal_08	54,4%	45,6%	100,0%
		% within Genero	100,0%	100,0%	100,0%
		% of Total	54,4%	45,6%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	3,370 <sup>a</sup>	1	,066		
Continuity Correction <sup>b</sup>	2,904	1	,088		
Likelihood Ratio	3,404	1	,065		
Fisher's Exact Test				,087	,044
N of Valid Cases	287				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 36,97.

b. Computed only for a 2x2 table

**Metal\_09 \* Genero**

**Crosstab**

			Genero		Total
			F	M	
Metal_09	selecionado	Count	31	23	54
		% within Metal_09	57,4%	42,6%	100,0%
		% within Genero	19,9%	17,6%	18,8%
		% of Total	10,8%	8,0%	18,8%
	não selecionado	Count	125	108	233
		% within Metal_09	53,6%	46,4%	100,0%
		% within Genero	80,1%	82,4%	81,2%
		% of Total	43,6%	37,6%	81,2%
Total	Count	156	131	287	
	% within Metal_09	54,4%	45,6%	100,0%	
	% within Genero	100,0%	100,0%	100,0%	
	% of Total	54,4%	45,6%	100,0%	

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,250 <sup>a</sup>	1	,617		
Continuity Correction <sup>b</sup>	,121	1	,728		
Likelihood Ratio	,251	1	,617		
Fisher's Exact Test				,652	,365
N of Valid Cases	287				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 24,65.

b. Computed only for a 2x2 table

**Metal\_10 \* Genero**

**Crosstab**

			Genero		Total
			F	M	
Metal_10	selecionado	Count	11	5	16
		% within Metal_10	68,8%	31,3%	100,0%
		% within Genero	7,1%	3,8%	5,6%
		% of Total	3,8%	1,7%	5,6%
	não selecionado	Count	145	126	271
		% within Metal_10	53,5%	46,5%	100,0%
		% within Genero	92,9%	96,2%	94,4%
		% of Total	50,5%	43,9%	94,4%
Total		Count	156	131	287
		% within Metal_10	54,4%	45,6%	100,0%
		% within Genero	100,0%	100,0%	100,0%
		% of Total	54,4%	45,6%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,415 <sup>a</sup>	1	,234		
Continuity Correction <sup>b</sup>	,867	1	,352		
Likelihood Ratio	1,459	1	,227		
Fisher's Exact Test				,305	,176
N of Valid Cases	287				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 7,30.

b. Computed only for a 2x2 table

**Metal\_11 \* Genero**

**Crosstab**

			Genero		Total
			F	M	
Metal_11	não selecionado	Count	156	131	287
		% within Metal_11	54,4%	45,6%	100,0%
		% within Genero	100,0%	100,0%	100,0%
		% of Total	54,4%	45,6%	100,0%
Total		Count	156	131	287
		% within Metal_11	54,4%	45,6%	100,0%
		% within Genero	100,0%	100,0%	100,0%
		% of Total	54,4%	45,6%	100,0%

### Chi-Square Tests

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	287

a. No statistics are computed because Metal\_11 is a constant.

### Metal\_12 \* Genero

#### Crosstab

			Genero		Total
			F	M	
Metal_12	selecionado	Count	33	17	50
		% within Metal_12	66,0%	34,0%	100,0%
		% within Genero	21,2%	13,0%	17,4%
		% of Total	11,5%	5,9%	17,4%
	não selecionado	Count	123	114	237
		% within Metal_12	51,9%	48,1%	100,0%
		% within Genero	78,8%	87,0%	82,6%
		% of Total	42,9%	39,7%	82,6%
Total		Count	156	131	287
		% within Metal_12	54,4%	45,6%	100,0%
		% within Genero	100,0%	100,0%	100,0%
		% of Total	54,4%	45,6%	100,0%

#### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	3,309 <sup>a</sup>	1	,069		
Continuity Correction <sup>b</sup>	2,765	1	,096		
Likelihood Ratio	3,373	1	,066		
Fisher's Exact Test				,085	,047
N of Valid Cases	287				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 22,82.

b. Computed only for a 2x2 table

### Metal\_13 \* Genero

**Crosstab**

			Genero		Total
			F	M	
Metal_13	selecionado	Count	0	1	1
		% within Metal_13	,0%	100,0%	100,0%
		% within Genero	,0%	,8%	,3%
		% of Total	,0%	,3%	,3%
	não selecionado	Count	156	130	286
		% within Metal_13	54,5%	45,5%	100,0%
		% within Genero	100,0%	99,2%	99,7%
		% of Total	54,4%	45,3%	99,7%
Total		Count	156	131	287
		% within Metal_13	54,4%	45,6%	100,0%
		% within Genero	100,0%	100,0%	100,0%
		% of Total	54,4%	45,6%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,195 <sup>a</sup>	1	,274		
Continuity Correction <sup>b</sup>	,008	1	,930		
Likelihood Ratio	1,573	1	,210		
Fisher's Exact Test				,456	,456
N of Valid Cases	287				

a. 2 cells (50,0%) have expected count less than 5. The minimum expected count is ,46.

b. Computed only for a 2x2 table

**Metal\_14 \* Genero**

### Crosstab

			Genero		Total
			F	M	
Metal_14	selecionado	Count	9	6	15
		% within Metal_14	60,0%	40,0%	100,0%
		% within Genero	5,8%	4,6%	5,2%
		% of Total	3,1%	2,1%	5,2%
	nã selecionado	Count	147	125	272
		% within Metal_14	54,0%	46,0%	100,0%
		% within Genero	94,2%	95,4%	94,8%
		% of Total	51,2%	43,6%	94,8%
Total		Count	156	131	287
		% within Metal_14	54,4%	45,6%	100,0%
		% within Genero	100,0%	100,0%	100,0%
		% of Total	54,4%	45,6%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,203 <sup>a</sup>	1	,652		
Continuity Correction <sup>b</sup>	,034	1	,854		
Likelihood Ratio	,205	1	,651		
Fisher's Exact Test				,792	,430
N of Valid Cases	287				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 6,85.

b. Computed only for a 2x2 table

### CROSSTABS

```

/TABLES=Metal_01 BY Grau
/FORMAT=AVALUE TABLES
/STATISTICS=CHISQ
/CELLS=COUNT ROW COLUMN TOTAL
/COUNT ROUND CELL.

```

### Crosstabs

#### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Metal_01 * Grau	287	100,0%	0	,0%	287	100,0%

**Metal\_01 \* Grau Crosstabulation**

			Grau			Total
			Licenciatura	Mestrado	Doutoramento	
Metal_01	selecionado	Count	32	11	2	45
		% within Metal_01	71,1%	24,4%	4,4%	100,0%
		% within Grau	14,0%	20,4%	40,0%	15,7%
		% of Total	11,1%	3,8%	,7%	15,7%
	nã selecionado	Count	196	43	3	242
		% within Metal_01	81,0%	17,8%	1,2%	100,0%
		% within Grau	86,0%	79,6%	60,0%	84,3%
		% of Total	68,3%	15,0%	1,0%	84,3%
Total		Count	228	54	5	287
		% within Metal_01	79,4%	18,8%	1,7%	100,0%
		% within Grau	100,0%	100,0%	100,0%	100,0%
		% of Total	79,4%	18,8%	1,7%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	3,602 <sup>a</sup>	2	,165
Likelihood Ratio	3,020	2	,221
Linear-by-Linear Association	3,111	1	,078
N of Valid Cases	287		

a. 2 cells (33,3%) have expected count less than 5. The minimum expected count is ,78.

```
USE ALL.
COMPUTE filter_$=(Grau < 3).
VARIABLE LABEL filter_$ 'Grau < 3 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
CROSSTABS
  /TABLES=Metal_01 BY Grau
  /FORMAT=AVALUE TABLES
  /STATISTICS=CHISQ
  /CELLS=COUNT ROW COLUMN TOTAL
  /COUNT ROUND CELL.
```

**Crosstabs**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Metal_01 * Grau	282	100,0%	0	,0%	282	100,0%

**Metal\_01 \* Grau Crosstabulation**

			Grau		Total
			Licenciatura	Mestrado	
Metal_01	selecionado	Count	32	11	43
		% within Metal_01	74,4%	25,6%	100,0%
		% within Grau	14,0%	20,4%	15,2%
		% of Total	11,3%	3,9%	15,2%
	nã selecionado	Count	196	43	239
		% within Metal_01	82,0%	18,0%	100,0%
		% within Grau	86,0%	79,6%	84,8%
		% of Total	69,5%	15,2%	84,8%
Total		Count	228	54	282
		% within Metal_01	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,356 <sup>a</sup>	1	,244		
Continuity Correction <sup>b</sup>	,910	1	,340		
Likelihood Ratio	1,276	1	,259		
Fisher's Exact Test				,291	,169
Linear-by-Linear Association	1,351	1	,245		
N of Valid Cases	282				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 8,23.

b. Computed only for a 2x2 table

CROSSTABS

```

/TABLES=Metal_02 Metal_03 Metal_08 BY Grau
/FORMAT=AVALUE TABLES
/STATISTICS=CHISQ
/CELLS=COUNT ROW COLUMN TOTAL
/COUNT ROUND CELL.
    
```

## Crosstabs

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Metal_02 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_03 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_08 * Grau	282	100,0%	0	,0%	282	100,0%

## Metal\_02 \* Grau

### Crosstab

			Grau		Total
			Licenciatura	Mestrado	
Metal_02	selecionado	Count	143	37	180
		% within Metal_02	79,4%	20,6%	100,0%
		% within Grau	62,7%	68,5%	63,8%
		% of Total	50,7%	13,1%	63,8%
n	n	Count	85	17	102
		% within Metal_02	83,3%	16,7%	100,0%
		% within Grau	37,3%	31,5%	36,2%
		% of Total	30,1%	6,0%	36,2%
Total		Count	228	54	282
		% within Metal_02	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,636 <sup>a</sup>	1	,425		
Continuity Correction <sup>b</sup>	,410	1	,522		
Likelihood Ratio	,646	1	,421		
Fisher's Exact Test				,529	,263
Linear-by-Linear Association	,634	1	,426		
N of Valid Cases	282				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 19,53.

b. Computed only for a 2x2 table

## Metal\_03 \* Grau

**Crosstab**

			Grau		Total
			Licenciatura	Mestrado	
Metal_03	selecionado	Count	193	48	241
		% within Metal_03	80,1%	19,9%	100,0%
		% within Grau	84,6%	88,9%	85,5%
		% of Total	68,4%	17,0%	85,5%
	não selecionado	Count	35	6	41
		% within Metal_03	85,4%	14,6%	100,0%
		% within Grau	15,4%	11,1%	14,5%
		% of Total	12,4%	2,1%	14,5%
Total	Count	228	54	282	
	% within Metal_03	80,9%	19,1%	100,0%	
	% within Grau	100,0%	100,0%	100,0%	
	% of Total	80,9%	19,1%	100,0%	

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,632 <sup>a</sup>	1	,427		
Continuity Correction <sup>b</sup>	,336	1	,562		
Likelihood Ratio	,668	1	,414		
Fisher's Exact Test				,523	,289
Linear-by-Linear Association	,629	1	,428		
N of Valid Cases	282				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 7,85.

b. Computed only for a 2x2 table

**Metal\_08 \* Grau**

**Crosstab**

			Grau		Total
			Licenciatura	Mestrado	
Metal_08	selecionado	Count	164	37	201
		% within Metal_08	81,6%	18,4%	100,0%
		% within Grau	71,9%	68,5%	71,3%
		% of Total	58,2%	13,1%	71,3%
	não selecionado	Count	64	17	81
		% within Metal_08	79,0%	21,0%	100,0%
		% within Grau	28,1%	31,5%	28,7%
		% of Total	22,7%	6,0%	28,7%
Total	Count	228	54	282	
	% within Metal_08	80,9%	19,1%	100,0%	
	% within Grau	100,0%	100,0%	100,0%	
	% of Total	80,9%	19,1%	100,0%	

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,248 <sup>a</sup>	1	,618		
Continuity Correction <sup>b</sup>	,110	1	,741		
Likelihood Ratio	,245	1	,621		
Fisher's Exact Test				,619	,366
Linear-by-Linear Association	,247	1	,619		
N of Valid Cases	282				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 15,51.

b. Computed only for a 2x2 table

FILTER OFF.

USE ALL.

EXECUTE.

FREQUENCIES VARIABLES=Ano

/BARCHART FREQ

/ORDER=ANALYSIS.

**Frequencies**

### Statistics

Ano

N	Valid	287
	Missing	0

### Ano

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1	140	48,8	48,8	48,8
2	56	19,5	19,5	68,3
3	83	28,9	28,9	97,2
4	6	2,1	2,1	99,3
5	2	,7	,7	100,0
Total	287	100,0	100,0	

```
USE ALL.  
COMPUTE filter_$=(Ano < 4).  
VARIABLE LABEL filter_$ 'Ano < 4 (FILTER)'.  
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.  
FORMAT filter_$ (f1.0).  
FILTER BY filter_$.  
EXECUTE.  
CROSSTABS  
  /TABLES=Metal_01 Metal_02 Metal_03 Metal_08 BY Ano  
  /FORMAT=AVALUE TABLES  
  /STATISTICS=CHISQ  
  /CELLS=COUNT ROW COLUMN TOTAL  
  /COUNT ROUND CELL.  
  
CROSSTABS  
  /TABLES=Metal_02 BY Ano  
  /FORMAT=AVALUE TABLES  
  /STATISTICS=CHISQ  
  /CELLS=COUNT ROW COLUMN TOTAL ASRESID  
  /COUNT ROUND CELL.
```

## Crosstabs

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Metal_02 * Ano	279	100,0%	0	,0%	279	100,0%

### Metal\_02 \* Ano Crosstabulation

			Ano			Total
			1	2	3	
Metal_02	selecionado	Count	81	32	64	177
		% within Metal_02	45,8%	18,1%	36,2%	100,0%
		% within Ano	57,9%	57,1%	77,1%	63,4%
		% of Total	29,0%	11,5%	22,9%	63,4%
		Adjusted Residual	-1,9	-1,1	3,1	
	não selecionado	Count	59	24	19	102
		% within Metal_02	57,8%	23,5%	18,6%	100,0%
		% within Ano	42,1%	42,9%	22,9%	36,6%
		% of Total	21,1%	8,6%	6,8%	36,6%
		Adjusted Residual	1,9	1,1	-3,1	
Total	Count	140	56	83	279	
	% within Metal_02	50,2%	20,1%	29,7%	100,0%	
	% within Ano	100,0%	100,0%	100,0%	100,0%	
	% of Total	50,2%	20,1%	29,7%	100,0%	

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	9,525 <sup>a</sup>	2	,009
Likelihood Ratio	9,967	2	,007
Linear-by-Linear Association	7,463	1	,006
N of Valid Cases	279		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 20,47.

### NPAR TESTS

```

/K-W=P2_2_Prop_01 P2_2_Prop_02 P2_2_Prop_03 P2_2_Prop_04 P2_2_Prop_05 P2_2_Prop_06 P2_2_Prop_07 P2_2_Prop_08 P2_2_Prop_09 P2_2_Prop_10 P2_2_Aplic_01 P2_2_Aplic_02 P2_2_Aplic_03 P2_2_Aplic_04 P2_2_Aplic_05 P2_2_Aplic_06 P2_2_Aplic_07 P2_2_Aplic_08 P2_2_Aplic_09 P2_2_Aplic_10 BY Ano(1 3)
/MISSING ANALYSIS.

```

## NPar Tests

### Kruskal-Wallis Test

```
RANK VARIABLES=P2_2_Prop_05 P2_2_Prop_09 P2_2_Aplic_05 P2_2_Aplic_09 (A)
/RANK
/PRINT=YES
/TIES=MEAN.
```

## RANK

```
ONEWAY RP2_2_Pr RAN001 RP2_2_Ap RAN002 BY Ano
/MISSING ANALYSIS
/POSTHOC=TUKEY ALPHA(0.05).
```

## NPar Tests

### Mann-Whitney Test

Ranks

	Escolaridade_2	N	Mean Rank	Sum of Ranks
P2_2_Prop_01	1º ano Lic	94	78,40	7369,50
	Mestrado ou Doutorado	59	74,77	4411,50
	Total	153		
P2_2_Prop_02	1º ano Lic	94	79,86	7506,50
	Mestrado ou Doutorado	59	72,45	4274,50
	Total	153		
P2_2_Prop_03	1º ano Lic	92	76,02	6994,00
	Mestrado ou Doutorado	58	74,67	4331,00
	Total	150		
P2_2_Prop_04	1º ano Lic	93	74,73	6950,00
	Mestrado ou Doutorado	59	79,29	4678,00
	Total	152		
P2_2_Prop_05	1º ano Lic	93	74,73	6949,50
	Mestrado ou Doutorado	59	79,30	4678,50
	Total	152		
P2_2_Prop_06	1º ano Lic	94	75,98	7142,00
	Mestrado ou Doutorado	59	78,63	4639,00
	Total	153		

**Ranks**

	Escolaridade_2	N	Mean Rank	Sum of Ranks
P2_2_Prop_07	1º ano Lic	92	74,94	6894,50
	Mestrado ou Doutorado	59	77,65	4581,50
	Total	151		
P2_2_Prop_08	1º ano Lic	90	78,87	7098,00
	Mestrado ou Doutorado	59	69,10	4077,00
	Total	149		
P2_2_Prop_09	1º ano Lic	92	77,75	7153,00
	Mestrado ou Doutorado	59	73,27	4323,00
	Total	151		
P2_2_Prop_10	1º ano Lic	93	78,32	7283,50
	Mestrado ou Doutorado	59	73,64	4344,50
	Total	152		
P2_2_Aplic_01	1º ano Lic	92	74,68	6871,00
	Mestrado ou Doutorado	58	76,79	4454,00
	Total	150		
P2_2_Aplic_02	1º ano Lic	91	76,60	6970,50
	Mestrado ou Doutorado	58	72,49	4204,50
	Total	149		
P2_2_Aplic_03	1º ano Lic	94	74,97	7047,50
	Mestrado ou Doutorado	59	80,23	4733,50
	Total	153		
P2_2_Aplic_04	1º ano Lic	92	75,70	6964,00
	Mestrado ou Doutorado	59	76,47	4512,00
	Total	151		
P2_2_Aplic_05	1º ano Lic	91	74,79	6805,50
	Mestrado ou Doutorado	59	76,60	4519,50
	Total	150		
P2_2_Aplic_06	1º ano Lic	94	76,86	7225,00
	Mestrado ou Doutorado	59	77,22	4556,00
	Total	153		

**Ranks**

Escolaridade_2		N	Mean Rank	Sum of Ranks
P2_2_Aplic_07	1º ano Lic	91	77,07	7013,00
	Mestrado ou Doutorado	59	73,08	4312,00
	Total	150		
P2_2_Aplic_08	1º ano Lic	89	77,40	6889,00
	Mestrado ou Doutorado	59	70,12	4137,00
	Total	148		
P2_2_Aplic_09	1º ano Lic	92	76,84	7069,50
	Mestrado ou Doutorado	59	74,69	4406,50
	Total	151		
P2_2_Aplic_10	1º ano Lic	91	78,49	7143,00
	Mestrado ou Doutorado	59	70,88	4182,00
	Total	150		

**Test Statistics<sup>a</sup>**

	P2_2_Prop_0 1	P2_2_Prop_0 2	P2_2_Prop_0 3	P2_2_Prop_0 4	P2_2_Prop_0 5
Mann-Whitney U	2641,500	2504,500	2620,000	2579,000	2578,500
Wilcoxon W	4411,500	4274,500	4331,000	6950,000	6949,500
Z	-,724	-1,406	-,197	-,705	-,833
Asymp. Sig. (2-tailed)	,469	,160	,843	,481	,405

a. Grouping Variable: Escolaridade\_2

**Test Statistics<sup>a</sup>**

	P2_2_Prop_0 6	P2_2_Prop_0 7	P2_2_Prop_0 8	P2_2_Prop_0 9	P2_2_Prop_1 0
Mann-Whitney U	2677,000	2616,500	2307,000	2553,000	2574,500
Wilcoxon W	7142,000	6894,500	4077,000	4323,000	4344,500
Z	-,387	-,421	-1,750	-,810	-,709
Asymp. Sig. (2-tailed)	,699	,674	,080	,418	,479

a. Grouping Variable: Escolaridade\_2

**Test Statistics<sup>a</sup>**

	P2_2_Aplic_0 1	P2_2_Aplic_0 2	P2_2_Aplic_0 3	P2_2_Aplic_0 4	P2_2_Aplic_0 5
Mann-Whitney U	2593,000	2493,500	2582,500	2686,000	2619,500
Wilcoxon W	6871,000	4204,500	7047,500	6964,000	6805,500
Z	-,406	-,759	-,763	-,125	-,339
Asymp. Sig. (2-tailed)	,685	,448	,445	,901	,735

a. Grouping Variable: Escolaridade\_2

**Test Statistics<sup>a</sup>**

	P2_2_Aplic_0 6	P2_2_Aplic_0 7	P2_2_Aplic_0 8	P2_2_Aplic_0 9	P2_2_Aplic_1 0
Mann-Whitney U	2760,000	2542,000	2367,000	2636,500	2412,000
Wilcoxon W	7225,000	4312,000	4137,000	4406,500	4182,000
Z	-,053	-,659	-1,467	-,415	-1,187
Asymp. Sig. (2-tailed)	,958	,510	,142	,678	,235

a. Grouping Variable: Escolaridade\_2

## NPar Tests

### Mann-Whitney Test

### Ranks

	Sexo	N	Mean Rank	Sum of Ranks
P3_aco_01	Feminino	156	148,71	23199,00
	Masculino	130	137,25	17842,00
	Total	286		
P3_aco_02	Feminino	156	138,88	21665,00
	Masculino	131	150,10	19663,00
	Total	287		
P3_aco_03	Feminino	154	140,24	21596,50
	Masculino	129	144,10	18589,50
	Total	283		
P3_aco_04	Feminino	156	132,30	20638,50
	Masculino	130	156,94	20402,50
	Total	286		
P3_aco_05	Feminino	155	148,93	23084,00
	Masculino	131	137,08	17957,00
	Total	286		
P3_aco_06	Feminino	156	142,19	22181,00
	Masculino	130	145,08	18860,00
	Total	286		
P3_aco_07	Feminino	156	146,51	22855,50
	Masculino	130	139,89	18185,50
	Total	286		
P3_aco_08	Feminino	156	154,93	24169,00
	Masculino	131	130,98	17159,00
	Total	287		
P3_aco_09	Feminino	156	139,33	21735,50
	Masculino	131	149,56	19592,50
	Total	287		
P3_aco_10	Feminino	156	135,38	21119,00
	Masculino	131	154,27	20209,00
	Total	287		
P3_aco_11	Feminino	156	151,85	23688,00
	Masculino	131	134,66	17640,00
	Total	287		
P3_aco_12	Feminino	155	129,88	20131,00
	Masculino	131	159,62	20910,00
	Total	286		

**Ranks**

	Sexo	N	Mean Rank	Sum of Ranks
P3_aco_13	Feminino	156	141,81	22122,00
	Masculino	131	146,61	19206,00
	Total	287		
P3_aco_14	Feminino	155	140,51	21779,00
	Masculino	126	141,60	17842,00
	Total	281		
P3_aco_15	Feminino	156	138,60	21621,50
	Masculino	130	149,38	19419,50
	Total	286		
P3_aco_16	Feminino	154	146,74	22597,50
	Masculino	129	136,34	17588,50
	Total	283		
P3_aco_17	Feminino	155	141,27	21897,00
	Masculino	129	143,98	18573,00
	Total	284		
P3_aco_18	Feminino	156	152,47	23785,00
	Masculino	130	132,74	17256,00
	Total	286		
P3_aco_19	Feminino	156	140,53	21922,00
	Masculino	130	147,07	19119,00
	Total	286		
P3_aco_20	Feminino	154	132,36	20383,00
	Masculino	130	154,52	20087,00
	Total	284		
P3_aco_21	Feminino	155	133,25	20653,00
	Masculino	131	155,63	20388,00
	Total	286		
P3_aco_22	Feminino	155	136,94	21225,50
	Masculino	131	151,26	19815,50
	Total	286		
P3_alum_01	Feminino	155	130,39	20210,50
	Masculino	131	159,01	20830,50
	Total	286		
P3_alum_02	Feminino	155	131,64	20404,00
	Masculino	131	157,53	20637,00
	Total	286		

### Ranks

	Sexo	N	Mean Rank	Sum of Ranks
P3_alum_03	Feminino	155	119,97	18595,50
	Masculino	129	169,57	21874,50
	Total	284		
P3_alum_04	Feminino	155	130,09	20164,50
	Masculino	131	159,36	20876,50
	Total	286		
P3_alum_05	Feminino	155	140,57	21788,00
	Masculino	131	146,97	19253,00
	Total	286		
P3_alum_06	Feminino	155	127,55	19770,50
	Masculino	131	162,37	21270,50
	Total	286		
P3_alum_07	Feminino	154	129,46	19937,50
	Masculino	130	157,94	20532,50
	Total	284		
P3_alum_08	Feminino	154	151,37	23311,00
	Masculino	130	131,99	17159,00
	Total	284		
P3_alum_09	Feminino	155	137,50	21312,00
	Masculino	131	150,60	19729,00
	Total	286		
P3_alum_10	Feminino	155	141,47	21927,50
	Masculino	130	144,83	18827,50
	Total	285		
P3_alum_11	Feminino	155	141,27	21897,50
	Masculino	131	146,13	19143,50
	Total	286		
P3_alum_12	Feminino	155	139,33	21596,50
	Masculino	131	148,43	19444,50
	Total	286		
P3_alum_13	Feminino	156	136,78	21338,00
	Masculino	130	151,56	19703,00
	Total	286		
P3_alum_14	Feminino	155	153,91	23856,00
	Masculino	130	129,99	16899,00
	Total	285		

**Ranks**

	<b>Sexo</b>	<b>N</b>	<b>Mean Rank</b>	<b>Sum of Ranks</b>
P3_alum_15	Feminino	155	137,85	21366,50
	Masculino	130	149,14	19388,50
	<b>Total</b>	<b>285</b>		
P3_alum_16	Feminino	155	146,19	22659,50
	Masculino	131	140,32	18381,50
	<b>Total</b>	<b>286</b>		
P3_alum_17	Feminino	155	148,54	23024,00
	Masculino	130	136,39	17731,00
	<b>Total</b>	<b>285</b>		
P3_alum_18	Feminino	156	130,02	20283,50
	Masculino	131	160,65	21044,50
	<b>Total</b>	<b>287</b>		
P3_alum_19	Feminino	156	147,32	22982,50
	Masculino	131	140,04	18345,50
	<b>Total</b>	<b>287</b>		
P3_alum_20	Feminino	151	131,05	19788,00
	Masculino	130	152,56	19833,00
	<b>Total</b>	<b>281</b>		
P3_alum_21	Feminino	155	148,76	23058,00
	Masculino	130	136,13	17697,00
	<b>Total</b>	<b>285</b>		
P3_alum_22	Feminino	155	133,06	20624,00
	Masculino	130	154,85	20131,00
	<b>Total</b>	<b>285</b>		
P3_Bronze_01	Feminino	156	141,67	22100,50
	Masculino	131	146,77	19227,50
	<b>Total</b>	<b>287</b>		
P3_Bronze_02	Feminino	156	153,08	23881,00
	Masculino	131	133,18	17447,00
	<b>Total</b>	<b>287</b>		
P3_Bronze_03	Feminino	156	144,97	22616,00
	Masculino	130	141,73	18425,00
	<b>Total</b>	<b>286</b>		
P3_Bronze_04	Feminino	154	145,93	22473,50
	Masculino	129	137,31	17712,50
	<b>Total</b>	<b>283</b>		

**Ranks**

	Sexo	N	Mean Rank	Sum of Ranks
P3_Bronze_05	Feminino	154	138,31	21299,00
	Masculino	130	147,47	19171,00
	Total	284		
P3_Bronze_06	Feminino	156	151,62	23652,50
	Masculino	131	134,93	17675,50
	Total	287		
P3_Bronze_07	Feminino	154	136,63	21040,50
	Masculino	131	150,49	19714,50
	Total	285		
P3_Bronze_08	Feminino	155	146,75	22746,00
	Masculino	131	139,66	18295,00
	Total	286		
P3_Bronze_09	Feminino	156	143,58	22398,00
	Masculino	130	143,41	18643,00
	Total	286		
P3_Bronze_10	Feminino	156	148,42	23153,00
	Masculino	131	138,74	18175,00
	Total	287		
P3_Bronze_11	Feminino	156	139,19	21713,00
	Masculino	131	149,73	19615,00
	Total	287		
P3_Bronze_12	Feminino	155	141,46	21926,50
	Masculino	131	145,91	19114,50
	Total	286		
P3_Bronze_13	Feminino	156	150,75	23517,50
	Masculino	131	135,96	17810,50
	Total	287		
P3_Bronze_14	Feminino	155	128,27	19882,00
	Masculino	128	158,63	20304,00
	Total	283		
P3_Bronze_15	Feminino	156	152,37	23769,50
	Masculino	131	134,03	17558,50
	Total	287		
P3_Bronze_16	Feminino	155	142,37	22067,00
	Masculino	130	143,75	18688,00
	Total	285		

**Ranks**

	Sexo	N	Mean Rank	Sum of Ranks
P3_Bronze_17	Feminino	155	134,50	20847,50
	Masculino	131	154,15	20193,50
	Total	286		
P3_Bronze_18	Feminino	156	136,52	21297,50
	Masculino	131	152,90	20030,50
	Total	287		
P3_Bronze_19	Feminino	156	148,49	23164,50
	Masculino	131	138,65	18163,50
	Total	287		
P3_Bronze_20	Feminino	155	158,71	24600,00
	Masculino	130	124,27	16155,00
	Total	285		
P3_Bronze_21	Feminino	153	137,23	20996,00
	Masculino	130	147,62	19190,00
	Total	283		
P3_Bronze_22	Feminino	155	140,65	21800,00
	Masculino	131	146,88	19241,00
	Total	286		
P3_Ferro_01	Feminino	155	149,12	23113,50
	Masculino	130	135,70	17641,50
	Total	285		
P3_Ferro_02	Feminino	156	145,70	22729,50
	Masculino	130	140,86	18311,50
	Total	286		
P3_Ferro_03	Feminino	155	156,81	24305,50
	Masculino	130	126,53	16449,50
	Total	285		
P3_Ferro_04	Feminino	156	154,51	24104,00
	Masculino	130	130,28	16937,00
	Total	286		
P3_Ferro_05	Feminino	156	137,18	21400,50
	Masculino	126	146,85	18502,50
	Total	282		
P3_Ferro_06	Feminino	156	148,85	23220,50
	Masculino	130	137,08	17820,50
	Total	286		

**Ranks**

	Sexo	N	Mean Rank	Sum of Ranks
P3_Ferro_07	Feminino	156	138,68	21634,50
	Masculino	130	149,28	19406,50
	Total	286		
P3_Ferro_08	Feminino	155	140,35	21754,50
	Masculino	130	146,16	19000,50
	Total	285		
P3_Ferro_09	Feminino	154	144,58	22265,50
	Masculino	130	140,03	18204,50
	Total	284		
P3_Ferro_10	Feminino	155	151,14	23427,00
	Masculino	130	133,29	17328,00
	Total	285		
P3_Ferro_11	Feminino	155	135,76	21043,50
	Masculino	130	151,63	19711,50
	Total	285		
P3_Ferro_12	Feminino	154	146,25	22523,00
	Masculino	131	139,18	18232,00
	Total	285		
P3_Ferro_13	Feminino	154	144,10	22191,50
	Masculino	131	141,71	18563,50
	Total	285		
P3_Ferro_14	Feminino	154	140,43	21626,00
	Masculino	128	142,79	18277,00
	Total	282		
P3_Ferro_15	Feminino	155	145,81	22601,00
	Masculino	131	140,76	18440,00
	Total	286		
P3_Ferro_16	Feminino	153	143,44	21947,00
	Masculino	129	139,19	17956,00
	Total	282		
P3_Ferro_17	Feminino	153	135,51	20732,50
	Masculino	130	149,64	19453,50
	Total	283		
P3_Ferro_18	Feminino	155	136,81	21205,50
	Masculino	129	149,34	19264,50
	Total	284		

### Ranks

	Sexo	N	Mean Rank	Sum of Ranks
P3_Ferro_19	Feminino	155	154,24	23907,50
	Masculino	131	130,79	17133,50
	Total	286		
P3_Ferro_20	Feminino	154	136,55	21028,00
	Masculino	128	147,46	18875,00
	Total	282		
P3_Ferro_21	Feminino	154	126,45	19474,00
	Masculino	130	161,51	20996,00
	Total	284		
P3_Ferro_22	Feminino	154	153,29	23606,50
	Masculino	131	130,90	17148,50
	Total	285		
P3_titaneo_01	Feminino	154	140,70	21668,00
	Masculino	131	145,70	19087,00
	Total	285		
P3_titaneo_02	Feminino	154	129,25	19904,00
	Masculino	131	159,17	20851,00
	Total	285		
P3_titaneo_03	Feminino	152	125,46	19069,50
	Masculino	129	159,31	20551,50
	Total	281		
P3_titaneo_04	Feminino	154	125,85	19380,50
	Masculino	131	163,16	21374,50
	Total	285		
P3_titaneo_05	Feminino	154	145,09	22343,50
	Masculino	128	137,18	17559,50
	Total	282		
P3_titaneo_06	Feminino	154	129,46	19936,50
	Masculino	131	158,92	20818,50
	Total	285		
P3_titaneo_07	Feminino	153	146,48	22412,00
	Masculino	131	137,85	18058,00
	Total	284		
P3_titaneo_08	Feminino	153	149,86	22928,50
	Masculino	131	133,90	17541,50
	Total	284		

### Ranks

	Sexo	N	Mean Rank	Sum of Ranks
P3_titaneo_09	Feminino	154	132,77	20447,00
	Masculino	130	154,02	20023,00
	Total	284		
P3_titaneo_10	Feminino	154	130,68	20124,00
	Masculino	131	157,49	20631,00
	Total	285		
P3_titaneo_11	Feminino	153	150,21	22982,50
	Masculino	131	133,49	17487,50
	Total	284		
P3_titaneo_12	Feminino	153	135,18	20682,50
	Masculino	131	151,05	19787,50
	Total	284		
P3_titaneo_13	Feminino	153	132,21	20228,00
	Masculino	130	153,52	19958,00
	Total	283		
P3_titaneo_14	Feminino	154	160,29	24684,00
	Masculino	130	121,43	15786,00
	Total	284		
P3_titaneo_15	Feminino	154	130,11	20037,00
	Masculino	131	158,15	20718,00
	Total	285		
P3_titaneo_16	Feminino	153	151,18	23130,50
	Masculino	130	131,20	17055,50
	Total	283		
P3_titaneo_17	Feminino	152	154,26	23447,00
	Masculino	130	126,58	16456,00
	Total	282		
P3_titaneo_18	Feminino	154	131,55	20259,00
	Masculino	131	156,46	20496,00
	Total	285		
P3_titaneo_19	Feminino	153	143,52	21958,00
	Masculino	131	141,31	18512,00
	Total	284		
P3_titaneo_20	Feminino	153	128,10	19600,00
	Masculino	130	158,35	20586,00
	Total	283		

**Ranks**

	Sexo	N	Mean Rank	Sum of Ranks
P3_titaneo_21	Feminino	153	151,59	23194,00
	Masculino	130	130,71	16992,00
	Total	283		
P3_titaneo_22	Feminino	152	121,42	18456,50
	Masculino	131	165,87	21729,50
	Total	283		

**Test Statistics<sup>a</sup>**

	P3_aco_01	P3_aco_02	P3_aco_03	P3_aco_04	P3_aco_05
Mann-Whitney U	9327,000	9419,000	9661,500	8392,500	9311,000
Wilcoxon W	17842,000	21665,000	21596,500	20638,500	17957,000
Z	-1,224	-1,266	-,414	-2,627	-1,250
Asymp. Sig. (2-tailed)	,221	,205	,679	,009	,211

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_aco_06	P3_aco_07	P3_aco_08	P3_aco_09	P3_aco_10
Mann-Whitney U	9935,000	9670,500	8513,000	9489,500	8873,000
Wilcoxon W	22181,000	18185,500	17159,000	21735,500	21119,000
Z	-,309	-,708	-2,525	-1,255	-2,223
Asymp. Sig. (2-tailed)	,757	,479	,012	,209	,026

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_aco_11	P3_aco_12	P3_aco_13	P3_aco_14	P3_aco_15
Mann-Whitney U	8994,000	8041,000	9876,000	9689,000	9375,500
Wilcoxon W	17640,000	20131,000	22122,000	21779,000	21621,500
Z	-1,979	-3,268	-,504	-,118	-1,147
Asymp. Sig. (2-tailed)	,048	,001	,614	,906	,251

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_aco_16	P3_aco_17	P3_aco_18	P3_aco_19	P3_aco_20
Mann-Whitney U	9203,500	9807,000	8741,000	9676,000	8448,000
Wilcoxon W	17588,500	21897,000	17256,000	21922,000	20383,000
Z	-1,162	-,308	-2,097	-,713	-2,635
Asymp. Sig. (2-tailed)	,245	,758	,036	,476	,008

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_aco_21	P3_aco_22	P3_alum_01	P3_alum_02	P3_alum_03
Mann-Whitney U	8563,000	9135,500	8120,500	8314,000	6505,500
Wilcoxon W	20653,000	21225,500	20210,500	20404,000	18595,500
Z	-2,434	-1,532	-3,096	-2,800	-5,267
Asymp. Sig. (2-tailed)	,015	,125	,002	,005	,000

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_alum_04	P3_alum_05	P3_alum_06	P3_alum_07	P3_alum_08
Mann-Whitney U	8074,500	9698,000	7680,500	8002,500	8644,000
Wilcoxon W	20164,500	21788,000	19770,500	19937,500	17159,000
Z	-3,080	-,674	-3,736	-3,075	-2,044
Asymp. Sig. (2-tailed)	,002	,500	,000	,002	,041

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_alum_09	P3_alum_10	P3_alum_11	P3_alum_12	P3_alum_13
Mann-Whitney U	9222,000	9837,500	9807,500	9506,500	9092,000
Wilcoxon W	21312,000	21927,500	21897,500	21596,500	21338,000
Z	-1,377	-,355	-,513	-,982	-1,586
Asymp. Sig. (2-tailed)	,168	,722	,608	,326	,113

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_alum_14	P3_alum_15	P3_alum_16	P3_alum_17	P3_alum_18
Mann-Whitney U	8384,000	9276,500	9735,500	9216,000	8037,500
Wilcoxon W	16899,000	21366,500	18381,500	17731,000	20283,500
Z	-2,572	-1,213	-,660	-1,365	-3,356
Asymp. Sig. (2-tailed)	,010	,225	,509	,172	,001

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_alum_19	P3_alum_20	P3_alum_21	P3_alum_22	P3_Bronze_01
Mann-Whitney U	9699,500	8312,000	9182,000	8534,000	9854,500
Wilcoxon W	18345,500	19788,000	17697,000	20624,000	22100,500
Z	-,785	-2,778	-1,397	-2,322	-,540
Asymp. Sig. (2-tailed)	,433	,005	,163	,020	,589

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_Bronze_0 2	P3_Bronze_0 3	P3_Bronze_0 4	P3_Bronze_0 5	P3_Bronze_0 6
Mann-Whitney U	8801,000	9910,000	9327,500	9364,000	9029,500
Wilcoxon W	17447,000	18425,000	17712,500	21299,000	17675,500
Z	-2,199	-,349	-,919	-,965	-1,798
Asymp. Sig. (2-tailed)	,028	,727	,358	,334	,072

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_Bronze_0 7	P3_Bronze_0 8	P3_Bronze_0 9	P3_Bronze_1 0	P3_Bronze_1 1
Mann-Whitney U	9105,500	9649,000	10128,000	9529,000	9467,000
Wilcoxon W	21040,500	18295,000	18643,000	18175,000	21713,000
Z	-1,496	-,772	-,018	-1,037	-1,114
Asymp. Sig. (2-tailed)	,135	,440	,986	,300	,265

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_Bronze_1 2	P3_Bronze_1 3	P3_Bronze_1 4	P3_Bronze_1 5	P3_Bronze_1 6
Mann-Whitney U	9836,500	9164,500	7792,000	8912,500	9977,000
Wilcoxon W	21926,500	17810,500	19882,000	17558,500	22067,000
Z	-,472	-1,561	-3,265	-1,954	-,151
Asymp. Sig. (2-tailed)	,637	,119	,001	,051	,880

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_Bronze_1 7	P3_Bronze_1 8	P3_Bronze_1 9	P3_Bronze_2 0	P3_Bronze_2 1
Mann-Whitney U	8757,500	9051,500	9517,500	7640,000	9215,000
Wilcoxon W	20847,500	21297,500	18163,500	16155,000	20996,000
Z	-2,214	-1,741	-1,039	-3,818	-1,155
Asymp. Sig. (2-tailed)	,027	,082	,299	,000	,248

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_Bronze_2 2	P3_Ferro_01	P3_Ferro_02	P3_Ferro_03	P3_Ferro_04
Mann-Whitney U	9710,000	9126,500	9796,500	7934,500	8422,000
Wilcoxon W	21800,000	17641,500	18311,500	16449,500	16937,000
Z	-,661	-,1470	-,508	-,3,193	-,2,574
Asymp. Sig. (2-tailed)	,508	,142	,611	,001	,010

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_Ferro_05	P3_Ferro_06	P3_Ferro_07	P3_Ferro_08	P3_Ferro_09
Mann-Whitney U	9154,500	9305,500	9388,500	9664,500	9689,500
Wilcoxon W	21400,500	17820,500	21634,500	21754,500	18204,500
Z	-,1,034	-,1,258	-,1,113	-,618	-,508
Asymp. Sig. (2-tailed)	,301	,209	,266	,536	,612

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_Ferro_10	P3_Ferro_11	P3_Ferro_12	P3_Ferro_13	P3_Ferro_14
Mann-Whitney U	8813,000	8953,500	9586,000	9917,500	9691,000
Wilcoxon W	17328,000	21043,500	18232,000	18563,500	21626,000
Z	-,1,935	-,1,777	-,782	-,252	-,252
Asymp. Sig. (2-tailed)	,053	,076	,434	,801	,801

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_Ferro_15	P3_Ferro_16	P3_Ferro_17	P3_Ferro_18	P3_Ferro_19
Mann-Whitney U	9794,000	9571,000	8951,500	9115,500	8487,500
Wilcoxon W	18440,000	17956,000	20732,500	21205,500	17133,500
Z	-,530	-,486	-,1,652	-,1,378	-,2,484
Asymp. Sig. (2-tailed)	,596	,627	,098	,168	,013

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_Ferro_20	P3_Ferro_21	P3_Ferro_22	P3_titaneo_01	P3_titaneo_02
Mann-Whitney U	9093,000	7539,000	8502,500	9733,000	7969,000
Wilcoxon W	21028,000	19474,000	17148,500	21668,000	19904,000
Z	-,1,340	-,3,853	-,2,407	-,532	-,3,307
Asymp. Sig. (2-tailed)	,180	,000	,016	,595	,001

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_titaneo_03	P3_titaneo_04	P3_titaneo_05	P3_titaneo_06	P3_titaneo_07
Mann-Whitney U	7441,500	7445,500	9303,500	8001,500	9412,000
Wilcoxon W	19069,500	19380,500	17559,500	19936,500	18058,000
Z	-3,795	-4,233	-,837	-3,211	-,925
Asymp. Sig. (2-tailed)	,000	,000	,403	,001	,355

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_titaneo_08	P3_titaneo_09	P3_titaneo_10	P3_titaneo_11	P3_titaneo_12
Mann-Whitney U	8895,500	8512,000	8189,000	8841,500	8901,500
Wilcoxon W	17541,500	20447,000	20124,000	17487,500	20682,500
Z	-1,745	-2,334	-3,076	-1,784	-1,717
Asymp. Sig. (2-tailed)	,081	,020	,002	,074	,086

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_titaneo_13	P3_titaneo_14	P3_titaneo_15	P3_titaneo_16	P3_titaneo_17
Mann-Whitney U	8447,000	7271,000	8102,000	8540,500	7941,000
Wilcoxon W	20228,000	15786,000	20037,000	17055,500	16456,000
Z	-2,272	-4,197	-3,001	-2,239	-3,057
Asymp. Sig. (2-tailed)	,023	,000	,003	,025	,002

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_titaneo_18	P3_titaneo_19	P3_titaneo_20	P3_titaneo_21	P3_titaneo_22
Mann-Whitney U	8324,000	9866,000	7819,000	8477,000	6828,500
Wilcoxon W	20259,000	18512,000	19600,000	16992,000	18456,500
Z	-2,607	-,238	-3,619	-2,274	-4,792
Asymp. Sig. (2-tailed)	,009	,812	,000	,023	,000

a. Grouping Variable: Sexo

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/VARIABLES=P3_aco_01
/CRITERIA=CI(.95).
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**T-Test**

**Group Statistics**

Sexo		N	Mean	Std. Deviation	Std. Error Mean
P3_aco_01	Feminino	156	-,74	,958	,077
	Masculino	130	-,85	1,035	,091

**T-Test**

**Group Statistics**

Sexo		N	Mean	Std. Deviation	Std. Error Mean
P3_aco_01	Feminino	156	-,74	,958	,077
	Masculino	130	-,85	1,035	,091
P3_aco_02	Feminino	156	1,29	,859	,069
	Masculino	131	1,34	1,012	,088
P3_aco_03	Feminino	154	,42	,982	,079
	Masculino	129	,45	1,068	,094
P3_aco_04	Feminino	156	-,06	,934	,075
	Masculino	130	,25	1,137	,100
P3_aco_05	Feminino	155	,23	1,056	,085
	Masculino	131	,09	1,140	,100
P3_aco_06	Feminino	156	-,08	1,089	,087
	Masculino	130	-,04	1,130	,099
P3_aco_07	Feminino	156	-,89	1,000	,080
	Masculino	130	-,98	,984	,086
P3_aco_08	Feminino	156	,81	1,023	,082
	Masculino	131	,48	1,112	,097
P3_aco_09	Feminino	156	1,50	,783	,063
	Masculino	131	1,60	,698	,061
P3_aco_10	Feminino	156	1,39	,792	,063
	Masculino	131	1,53	,862	,075
P3_aco_11	Feminino	156	-1,28	,928	,074
	Masculino	131	-1,47	,835	,073
P3_aco_12	Feminino	155	1,01	,957	,077
	Masculino	131	1,37	,825	,072
P3_aco_13	Feminino	156	,53	1,177	,094
	Masculino	131	,59	1,189	,104
P3_aco_14	Feminino	155	,14	1,009	,081

**Group Statistics**

Sexo		N	Mean	Std. Deviation	Std. Error Mean
P3_aco_14	Masculino	126	,11	1,082	,096
P3_aco_15	Feminino	156	,62	1,025	,082
	Masculino	130	,75	1,044	,092
P3_aco_16	Feminino	154	,21	,853	,069
	Masculino	129	,09	,939	,083
P3_aco_17	Feminino	155	,02	,818	,066
	Masculino	129	,11	1,002	,088
P3_aco_18	Feminino	156	-,69	1,178	,094
	Masculino	130	-1,00	,988	,087
P3_aco_19	Feminino	156	1,12	,950	,076
	Masculino	130	1,18	,963	,084
P3_aco_20	Feminino	154	,38	,750	,060
	Masculino	130	,64	,880	,077
P3_aco_21	Feminino	155	-,14	,996	,080
	Masculino	131	,15	1,140	,100
P3_aco_22	Feminino	155	-,49	,983	,079
	Masculino	131	-,29	1,034	,090
P3_alum_01	Feminino	155	-,03	,878	,071
	Masculino	131	,34	1,005	,088
P3_alum_02	Feminino	155	,88	1,034	,083
	Masculino	131	1,21	,901	,079
P3_alum_03	Feminino	155	,23	1,050	,084
	Masculino	129	,88	,949	,084
P3_alum_04	Feminino	155	-,39	1,164	,094
	Masculino	131	,06	1,226	,107
P3_alum_05	Feminino	155	-,52	1,077	,087
	Masculino	131	-,34	1,373	,120
P3_alum_06	Feminino	155	,06	,944	,076
	Masculino	131	,50	1,055	,092
P3_alum_07	Feminino	154	-,72	,904	,073
	Masculino	130	-,37	,908	,080
P3_alum_08	Feminino	154	,18	1,150	,093
	Masculino	130	-,09	1,164	,102
P3_alum_09	Feminino	155	-,02	1,165	,094
	Masculino	131	,18	1,113	,097
P3_alum_10	Feminino	155	,48	1,192	,096
	Masculino	130	,55	1,114	,098

**Group Statistics**

Sexo		N	Mean	Std. Deviation	Std. Error Mean
P3_alum_11	Feminino	155	,00	1,075	,086
	Masculino	131	,07	1,138	,099
P3_alum_12	Feminino	155	,26	1,032	,083
	Masculino	131	,34	1,071	,094
P3_alum_13	Feminino	156	-,65	1,008	,081
	Masculino	130	-,39	1,185	,104
P3_alum_14	Feminino	155	-,02	,997	,080
	Masculino	130	-,31	1,041	,091
P3_alum_15	Feminino	155	,46	,969	,078
	Masculino	130	,59	1,024	,090
P3_alum_16	Feminino	155	,12	,870	,070
	Masculino	131	,10	,893	,078
P3_alum_17	Feminino	155	-,06	,855	,069
	Masculino	130	-,19	,973	,085
P3_alum_18	Feminino	156	1,02	,883	,071
	Masculino	131	1,32	,871	,076
P3_alum_19	Feminino	156	1,09	,830	,066
	Masculino	131	1,00	,903	,079
P3_alum_20	Feminino	151	,25	,653	,053
	Masculino	130	,50	,847	,074
P3_alum_21	Feminino	155	-,34	,817	,066
	Masculino	130	-,43	,980	,086
P3_alum_22	Feminino	155	-,58	1,037	,083
	Masculino	130	-,32	,973	,085
P3_Bronze_01	Feminino	156	,11	1,105	,088
	Masculino	131	,21	1,050	,092
P3_Bronze_02	Feminino	156	-,46	1,043	,084
	Masculino	131	-,72	,947	,083
P3_Bronze_03	Feminino	156	-,39	,927	,074
	Masculino	130	-,42	,987	,087
P3_Bronze_04	Feminino	154	,56	1,035	,083
	Masculino	129	,44	1,089	,096
P3_Bronze_05	Feminino	154	-,06	1,156	,093
	Masculino	130	,08	1,195	,105
P3_Bronze_06	Feminino	156	-,90	,958	,077

**Group Statistics**

Sexo		N	Mean	Std. Deviation	Std. Error Mean
P3_Bronze_06	Masculino	131	-1,11	,862	,075
P3_Bronze_07	Feminino	154	-,46	,964	,078
	Masculino	131	-,30	1,013	,089
P3_Bronze_08	Feminino	155	-,77	1,005	,081
	Masculino	131	-,85	1,034	,090
P3_Bronze_09	Feminino	156	,27	1,155	,092
	Masculino	130	,29	1,096	,096
P3_Bronze_10	Feminino	156	,97	,905	,072
	Masculino	131	,86	,909	,079
P3_Bronze_11	Feminino	156	-,56	1,126	,090
	Masculino	131	-,44	1,124	,098
P3_Bronze_12	Feminino	155	,21	1,111	,089
	Masculino	131	,24	1,051	,092
P3_Bronze_13	Feminino	156	,22	1,032	,083
	Masculino	131	,02	1,106	,097
P3_Bronze_14	Feminino	155	,44	,954	,077
	Masculino	128	,83	,888	,079
P3_Bronze_15	Feminino	156	-,13	1,021	,082
	Masculino	131	-,33	1,048	,092
P3_Bronze_16	Feminino	155	-,17	,925	,074
	Masculino	130	-,17	1,013	,089
P3_Bronze_17	Feminino	155	-,10	,836	,067
	Masculino	131	,11	,917	,080
P3_Bronze_18	Feminino	156	-,47	1,098	,088
	Masculino	131	-,27	1,108	,097
P3_Bronze_19	Feminino	156	,15	1,129	,090
	Masculino	131	,00	,928	,081
P3_Bronze_20	Feminino	155	-,27	,808	,065
	Masculino	130	-,60	,928	,081
P3_Bronze_21	Feminino	153	,33	,849	,069
	Masculino	130	,44	,880	,077
P3_Bronze_22	Feminino	155	,10	1,068	,086
	Masculino	131	,18	1,113	,097
P3_Ferro_01	Feminino	155	-1,06	1,017	,082
	Masculino	130	-1,23	,969	,085
P3_Ferro_02	Feminino	156	,51	1,393	,112
	Masculino	130	,42	1,419	,124

**Group Statistics**

Sexo		N	Mean	Std. Deviation	Std. Error Mean
P3_Ferro_03	Feminino	155	-,07	1,217	,098
	Masculino	130	-,54	1,129	,099
P3_Ferro_04	Feminino	156	-,40	1,039	,083
	Masculino	130	-,73	,987	,087
P3_Ferro_05	Feminino	156	,60	1,027	,082
	Masculino	126	,71	1,087	,097
P3_Ferro_06	Feminino	156	-,68	,977	,078
	Masculino	130	-,82	,984	,086
P3_Ferro_07	Feminino	156	-,56	1,209	,097
	Masculino	130	-,35	1,357	,119
P3_Ferro_08	Feminino	155	,50	1,028	,083
	Masculino	130	,58	1,085	,095
P3_Ferro_09	Feminino	154	1,26	,948	,076
	Masculino	130	1,23	,911	,080
P3_Ferro_10	Feminino	155	1,16	,977	,078
	Masculino	130	,88	1,168	,102
P3_Ferro_11	Feminino	155	-1,34	,908	,073
	Masculino	130	-1,16	,963	,084
P3_Ferro_12	Feminino	154	1,23	,869	,070
	Masculino	131	1,14	,934	,082
P3_Ferro_13	Feminino	154	,64	1,186	,096
	Masculino	131	,60	1,207	,105
P3_Ferro_14	Feminino	154	,73	1,029	,083
	Masculino	128	,77	1,013	,090
P3_Ferro_15	Feminino	155	-,06	1,229	,099
	Masculino	131	-,11	1,226	,107
P3_Ferro_16	Feminino	153	,37	,833	,067
	Masculino	129	,30	1,020	,090
P3_Ferro_17	Feminino	153	,08	,794	,064
	Masculino	130	,22	,871	,076
P3_Ferro_18	Feminino	155	-1,25	,850	,068
	Masculino	129	-1,11	,903	,080
P3_Ferro_19	Feminino	155	,94	1,008	,081
	Masculino	131	,54	1,273	,111
P3_Ferro_20	Feminino	154	,30	,742	,060

**Group Statistics**

	Sexo	N	Mean	Std. Deviation	Std. Error Mean
P3_Ferro_20	Masculino	128	,45	,912	,081
P3_Ferro_21	Feminino	154	,10	,934	,075
	Masculino	130	,57	1,019	,089
P3_Ferro_22	Feminino	154	-,81	,948	,076
	Masculino	131	-1,08	,942	,082
P3_titaneo_01	Feminino	154	-,35	1,020	,082
	Masculino	131	-,25	1,309	,114
P3_titaneo_02	Feminino	154	,97	1,044	,084
	Masculino	131	1,32	1,032	,090
P3_titaneo_03	Feminino	152	1,03	,973	,079
	Masculino	129	1,44	,838	,074
P3_titaneo_04	Feminino	154	1,16	,896	,072
	Masculino	131	1,56	,746	,065
P3_titaneo_05	Feminino	154	-,03	1,084	,087
	Masculino	128	-,15	1,335	,118
P3_titaneo_06	Feminino	154	,40	,967	,078
	Masculino	131	,79	,966	,084
P3_titaneo_07	Feminino	153	-,39	1,065	,086
	Masculino	131	-,52	1,198	,105
P3_titaneo_08	Feminino	153	,08	,963	,078
	Masculino	131	-,11	1,145	,100
P3_titaneo_09	Feminino	154	,94	1,080	,087
	Masculino	130	1,17	1,169	,103
P3_titaneo_10	Feminino	154	1,15	,962	,078
	Masculino	131	1,44	,921	,080
P3_titaneo_11	Feminino	153	-,58	1,239	,100
	Masculino	131	-,82	1,262	,110
P3_titaneo_12	Feminino	153	,61	1,089	,088
	Masculino	131	,82	1,108	,097
P3_titaneo_13	Feminino	153	,24	1,100	,089
	Masculino	130	,57	1,213	,106
P3_titaneo_14	Feminino	154	-,76	1,061	,085
	Masculino	130	-1,25	1,004	,088
P3_titaneo_15	Feminino	154	,42	1,071	,086
	Masculino	131	,82	1,122	,098
P3_titaneo_16	Feminino	153	-,18	,996	,081
	Masculino	130	-,45	1,079	,095

**Group Statistics**

Sexo		N	Mean	Std. Deviation	Std. Error Mean
P3_titaneo_17	Feminino	152	-,31	,915	,074
	Masculino	130	-,66	1,031	,090
P3_titaneo_18	Feminino	154	,09	1,295	,104
	Masculino	131	,50	1,383	,121
P3_titaneo_19	Feminino	153	,36	1,055	,085
	Masculino	131	,31	1,060	,093
P3_titaneo_20	Feminino	153	,26	,750	,061
	Masculino	130	,63	1,058	,093
P3_titaneo_21	Feminino	153	-,55	,903	,073
	Masculino	130	-,75	1,114	,098
P3_titaneo_22	Feminino	152	,70	,969	,079
	Masculino	131	1,24	,999	,087

```
FREQUENCIES VARIABLES=Idade_grp
  /BARCHART FREQ
  /ORDER=ANALYSIS.
```

**Frequencies**

**Statistics**

Idade\_grp

N	Valid	287
	Missing	0

**Idade\_grp**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	até 20 anos	74	25,8	25,8	25,8
	21-25	160	55,7	55,7	81,5
	26-30	28	9,8	9,8	91,3
	31-35	9	3,1	3,1	94,4
	> 35 anos	16	5,6	5,6	100,0
Total		287	100,0	100,0	

```
RECODE Idade_grp (1=1) (2=2) (3=3) (4 thru 5=4) INTO Idade_3.
EXECUTE.
FREQUENCIES VARIABLES=Idade_3
  /BARCHART FREQ
  /ORDER=ANALYSIS.
```

## Frequencies

### Statistics

Idade\_3

N	Valid	287
	Missing	0

### Idade\_3

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid até 20 anos	74	25,8	25,8	25,8
21-25	160	55,7	55,7	81,5
26-30	28	9,8	9,8	91,3
> 30	25	8,7	8,7	100,0
Total	287	100,0	100,0	

## NPar Tests

### Kruskal-Wallis Test

#### Ranks

	Idade_3	N	Mean Rank
P3_aco_01	até 20 anos	73	153,95
	21-25	160	139,69
	26-30	28	132,70
	> 30	25	149,48
	Total	286	
P3_aco_02	até 20 anos	74	137,07
	21-25	160	146,32
	26-30	28	152,89
	> 30	25	139,74
	Total	287	
P3_aco_03	até 20 anos	74	132,13
	21-25	157	140,34
	26-30	27	146,46
	> 30	25	176,80
	Total		

**Ranks**

	Idade_3	N	Mean Rank
P3_aco_03	Total	283	
P3_aco_04	até 20 anos	74	145,36
	21-25	159	135,29
	26-30	28	151,89
	> 30	25	180,82
	Total	286	
P3_aco_05	até 20 anos	73	140,74
	21-25	160	143,12
	26-30	28	138,48
	> 30	25	159,64
	Total	286	
P3_aco_06	até 20 anos	74	145,77
	21-25	160	140,64
	26-30	27	136,35
	> 30	25	162,82
	Total	286	
P3_aco_07	até 20 anos	74	157,51
	21-25	159	142,18
	26-30	28	117,25
	> 30	25	139,82
	Total	286	
P3_aco_08	até 20 anos	74	149,51
	21-25	160	148,84
	26-30	28	147,77
	> 30	25	92,46
	Total	287	
P3_aco_09	até 20 anos	74	136,81
	21-25	160	146,52
	26-30	28	154,29
	> 30	25	137,66
	Total	287	
P3_aco_10	até 20 anos	74	132,42
	21-25	160	144,46
	26-30	28	141,09
	> 30	25	178,58
	Total	287	

**Ranks**

	Idade_3	N	Mean Rank
P3_aco_11	até 20 anos	74	160,85
	21-25	160	140,09
	26-30	28	124,98
	> 30	25	140,42
	Total	287	
P3_aco_12	até 20 anos	74	128,95
	21-25	160	144,48
	26-30	27	166,52
	> 30	25	155,42
	Total	286	
P3_aco_13	até 20 anos	74	137,51
	21-25	160	141,53
	26-30	28	165,21
	> 30	25	155,26
	Total	287	
P3_aco_14	até 20 anos	74	145,83
	21-25	157	137,31
	26-30	28	160,84
	> 30	22	125,86
	Total	281	
P3_aco_15	até 20 anos	74	132,41
	21-25	160	146,28
	26-30	27	168,35
	> 30	25	131,74
	Total	286	
P3_aco_16	até 20 anos	72	146,40
	21-25	159	140,43
	26-30	27	144,74
	> 30	25	136,34
	Total	283	
P3_aco_17	até 20 anos	74	146,31
	21-25	159	142,81
	26-30	26	150,79
	> 30	25	120,60
	Total	284	

**Ranks**

	Idade_3	N	Mean Rank
P3_aco_18	até 20 anos	74	147,84
	21-25	159	148,35
	26-30	28	107,04
	> 30	25	140,66
	Total	286	
P3_aco_19	até 20 anos	74	133,59
	21-25	159	144,33
	26-30	28	143,71
	> 30	25	167,30
	Total	286	
P3_aco_20	até 20 anos	74	135,61
	21-25	158	142,82
	26-30	27	139,56
	> 30	25	164,04
	Total	284	
P3_aco_21	até 20 anos	74	132,66
	21-25	160	144,08
	26-30	27	190,52
	> 30	25	121,12
	Total	286	
P3_aco_22	até 20 anos	74	138,55
	21-25	160	137,50
	26-30	27	133,78
	> 30	25	207,06
	Total	286	
P3_alum_01	até 20 anos	73	150,73
	21-25	160	142,28
	26-30	28	137,29
	> 30	25	137,12
	Total	286	
P3_alum_02	até 20 anos	74	121,85
	21-25	159	138,84
	26-30	28	194,54
	> 30	25	180,08
	Total	286	

**Ranks**

	Idade_3	N	Mean Rank
P3_alum_03	até 20 anos	74	126,59
	21-25	159	144,02
	26-30	28	141,46
	> 30	23	184,41
	Total	284	
P3_alum_04	até 20 anos	74	132,09
	21-25	159	140,24
	26-30	28	158,39
	> 30	25	181,34
	Total	286	
P3_alum_05	até 20 anos	74	128,68
	21-25	159	142,50
	26-30	28	139,70
	> 30	25	197,98
	Total	286	
P3_alum_06	até 20 anos	74	122,80
	21-25	159	149,42
	26-30	28	151,96
	> 30	25	157,66
	Total	286	
P3_alum_07	até 20 anos	73	146,43
	21-25	159	136,93
	26-30	27	155,39
	> 30	25	152,50
	Total	284	
P3_alum_08	até 20 anos	73	146,11
	21-25	159	139,73
	26-30	27	145,00
	> 30	25	146,86
	Total	284	
P3_alum_09	até 20 anos	74	145,63
	21-25	159	135,85
	26-30	28	158,30
	> 30	25	169,26
	Total	286	

**Ranks**

	Idade_3	N	Mean Rank
P3_alum_10	até 20 anos	73	131,48
	21-25	159	137,30
	26-30	28	168,27
	> 30	25	184,60
	Total	285	
P3_alum_11	até 20 anos	74	133,20
	21-25	159	146,82
	26-30	28	156,09
	> 30	25	138,80
	Total	286	
P3_alum_12	até 20 anos	74	151,42
	21-25	160	134,95
	26-30	27	154,57
	> 30	25	162,84
	Total	286	
P3_alum_13	até 20 anos	73	129,87
	21-25	160	145,63
	26-30	28	116,93
	> 30	25	199,42
	Total	286	
P3_alum_14	até 20 anos	74	156,54
	21-25	159	142,02
	26-30	27	134,39
	> 30	25	118,44
	Total	285	
P3_alum_15	até 20 anos	73	125,29
	21-25	160	149,47
	26-30	27	133,54
	> 30	25	163,56
	Total	285	
P3_alum_16	até 20 anos	74	142,30
	21-25	160	143,29
	26-30	27	141,24
	> 30	25	150,82
	Total	286	

**Ranks**

	Idade_3	N	Mean Rank
P3_alum_17	até 20 anos	74	154,61
	21-25	160	139,53
	26-30	26	112,62
	> 30	25	162,40
	Total	285	
P3_alum_18	até 20 anos	74	130,91
	21-25	160	145,37
	26-30	28	155,16
	> 30	25	161,48
	Total	287	
P3_alum_19	até 20 anos	74	142,29
	21-25	160	141,79
	26-30	28	165,38
	> 30	25	139,28
	Total	287	
P3_alum_20	até 20 anos	74	134,47
	21-25	156	140,44
	26-30	26	155,35
	> 30	25	148,90
	Total	281	
P3_alum_21	até 20 anos	74	150,87
	21-25	159	146,19
	26-30	27	121,56
	> 30	25	122,60
	Total	285	
P3_alum_22	até 20 anos	73	142,03
	21-25	160	135,45
	26-30	27	158,33
	> 30	25	177,58
	Total	285	
P3_Bronze_01	até 20 anos	74	142,63
	21-25	160	144,88
	26-30	28	138,52
	> 30	25	148,54
	Total	287	

**Ranks**

	Idade_3	N	Mean Rank
P3_Bronze_02	até 20 anos	74	151,21
	21-25	160	138,17
	26-30	28	153,43
	> 30	25	149,40
	Total	287	
P3_Bronze_03	até 20 anos	74	151,39
	21-25	159	139,20
	26-30	28	134,89
	> 30	25	157,16
	Total	286	
P3_Bronze_04	até 20 anos	72	160,74
	21-25	158	132,53
	26-30	28	116,98
	> 30	25	175,88
	Total	283	
P3_Bronze_05	até 20 anos	74	118,08
	21-25	157	145,60
	26-30	28	170,73
	> 30	25	163,68
	Total	284	
P3_Bronze_06	até 20 anos	74	142,36
	21-25	160	138,51
	26-30	28	186,25
	> 30	25	136,70
	Total	287	
P3_Bronze_07	até 20 anos	74	118,23
	21-25	159	152,42
	26-30	27	150,52
	> 30	25	148,28
	Total	285	
P3_Bronze_08	até 20 anos	74	143,39
	21-25	160	144,32
	26-30	27	158,28
	> 30	25	122,58
	Total	286	

**Ranks**

	Idade_3	N	Mean Rank
P3_Bronze_09	até 20 anos	74	150,27
	21-25	159	142,76
	26-30	28	140,68
	> 30	25	131,34
	Total	286	
P3_Bronze_10	até 20 anos	74	152,89
	21-25	160	141,59
	26-30	28	123,50
	> 30	25	156,06
	Total	287	
P3_Bronze_11	até 20 anos	74	125,02
	21-25	160	149,91
	26-30	28	162,39
	> 30	25	141,76
	Total	287	
P3_Bronze_12	até 20 anos	74	158,95
	21-25	160	135,24
	26-30	27	123,78
	> 30	25	171,92
	Total	286	
P3_Bronze_13	até 20 anos	74	158,08
	21-25	160	137,77
	26-30	28	140,57
	> 30	25	146,02
	Total	287	
P3_Bronze_14	até 20 anos	74	140,49
	21-25	159	146,40
	26-30	27	132,93
	> 30	23	127,13
	Total	283	
P3_Bronze_15	até 20 anos	74	134,47
	21-25	160	149,62
	26-30	28	149,71
	> 30	25	129,88
	Total	287	

**Ranks**

	Idade_3	N	Mean Rank
P3_Bronze_16	até 20 anos	74	139,14
	21-25	159	139,07
	26-30	27	200,15
	> 30	25	117,74
	Total	285	
P3_Bronze_17	até 20 anos	74	134,91
	21-25	160	148,44
	26-30	27	151,94
	> 30	25	128,20
	Total	286	
P3_Bronze_18	até 20 anos	74	132,64
	21-25	160	151,54
	26-30	28	139,64
	> 30	25	134,24
	Total	287	
P3_Bronze_19	até 20 anos	74	162,47
	21-25	160	140,41
	26-30	28	126,09
	> 30	25	132,36
	Total	287	
P3_Bronze_20	até 20 anos	74	147,63
	21-25	159	146,62
	26-30	27	140,72
	> 30	25	108,72
	Total	285	
P3_Bronze_21	até 20 anos	73	128,34
	21-25	159	144,41
	26-30	26	158,58
	> 30	25	149,34
	Total	283	
P3_Bronze_22	até 20 anos	74	152,74
	21-25	160	135,55
	26-30	27	134,72
	> 30	25	176,52
	Total	286	

### Ranks

	Idade_3	N	Mean Rank
P3_Ferro_01	até 20 anos	73	146,54
	21-25	160	142,13
	26-30	27	148,37
	> 30	25	132,46
	Total	285	
P3_Ferro_02	até 20 anos	74	146,79
	21-25	160	143,98
	26-30	27	146,70
	> 30	25	127,24
	Total	286	
P3_Ferro_03	até 20 anos	74	163,57
	21-25	159	138,34
	26-30	27	154,63
	> 30	25	99,16
	Total	285	
P3_Ferro_04	até 20 anos	74	161,75
	21-25	160	139,28
	26-30	27	150,94
	> 30	25	108,42
	Total	286	
P3_Ferro_05	até 20 anos	74	136,43
	21-25	157	141,64
	26-30	27	141,67
	> 30	24	156,04
	Total	282	
P3_Ferro_06	até 20 anos	74	162,39
	21-25	160	134,23
	26-30	27	120,91
	> 30	25	171,30
	Total	286	
P3_Ferro_07	até 20 anos	74	125,62
	21-25	160	152,43
	26-30	27	128,39
	> 30	25	155,56
	Total	286	

**Ranks**

	Idade_3	N	Mean Rank
P3_Ferro_08	até 20 anos	74	143,64
	21-25	160	143,27
	26-30	26	142,29
	> 30	25	140,12
	Total	285	
P3_Ferro_09	até 20 anos	74	145,41
	21-25	159	140,82
	26-30	26	153,88
	> 30	25	132,74
	Total	284	
P3_Ferro_10	até 20 anos	74	145,19
	21-25	160	143,03
	26-30	26	152,77
	> 30	25	126,20
	Total	285	
P3_Ferro_11	até 20 anos	74	143,08
	21-25	160	141,54
	26-30	26	119,65
	> 30	25	176,36
	Total	285	
P3_Ferro_12	até 20 anos	74	140,15
	21-25	160	145,56
	26-30	26	150,67
	> 30	25	127,08
	Total	285	
P3_Ferro_13	até 20 anos	74	153,53
	21-25	159	147,12
	26-30	27	117,35
	> 30	25	113,36
	Total	285	
P3_Ferro_14	até 20 anos	74	127,49
	21-25	158	153,07
	26-30	25	135,54
	> 30	25	115,82
	Total	282	

**Ranks**

	Idade_3	N	Mean Rank
P3_Ferro_15	até 20 anos	74	147,36
	21-25	160	147,58
	26-30	27	108,80
	> 30	25	143,42
	Total	286	
P3_Ferro_16	até 20 anos	73	138,81
	21-25	158	142,54
	26-30	26	153,08
	> 30	25	130,74
	Total	282	
P3_Ferro_17	até 20 anos	73	134,55
	21-25	159	145,30
	26-30	26	128,75
	> 30	25	156,56
	Total	283	
P3_Ferro_18	até 20 anos	74	151,33
	21-25	160	141,18
	26-30	27	132,06
	> 30	23	135,50
	Total	284	
P3_Ferro_19	até 20 anos	74	146,80
	21-25	160	139,98
	26-30	27	147,04
	> 30	25	152,44
	Total	286	
P3_Ferro_20	até 20 anos	74	138,86
	21-25	157	145,56
	26-30	26	141,42
	> 30	25	123,90
	Total	282	
P3_Ferro_21	até 20 anos	74	128,11
	21-25	159	144,46
	26-30	26	163,25
	> 30	25	151,06
	Total	284	

**Ranks**

	Idade_3	N	Mean Rank
P3_Ferro_22	até 20 anos	74	154,41
	21-25	160	136,00
	26-30	26	159,75
	> 30	25	136,62
	Total	285	
P3_titaneio_01	até 20 anos	73	127,54
	21-25	160	140,43
	26-30	27	167,96
	> 30	25	177,64
	Total	285	
P3_titaneio_02	até 20 anos	73	123,84
	21-25	160	142,10
	26-30	27	182,65
	> 30	25	161,88
	Total	285	
P3_titaneio_03	até 20 anos	72	116,27
	21-25	158	142,76
	26-30	26	164,96
	> 30	25	176,18
	Total	281	
P3_titaneio_04	até 20 anos	73	117,10
	21-25	160	145,97
	26-30	27	166,09
	> 30	25	174,70
	Total	285	
P3_titaneio_05	até 20 anos	72	147,19
	21-25	160	134,05
	26-30	27	129,11
	> 30	23	190,07
	Total	282	
P3_titaneio_06	até 20 anos	73	118,36
	21-25	160	149,57
	26-30	27	151,52
	> 30	25	163,68
	Total	285	

**Ranks**

	Idade_3	N	Mean Rank
P3_titaneo_07	até 20 anos	73	153,09
	21-25	160	138,72
	26-30	26	136,23
	> 30	25	142,30
	Total	284	
P3_titaneo_08	até 20 anos	73	157,38
	21-25	160	133,89
	26-30	26	173,12
	> 30	25	122,34
	Total	284	
P3_titaneo_09	até 20 anos	72	120,40
	21-25	160	144,07
	26-30	27	164,61
	> 30	25	172,24
	Total	284	
P3_titaneo_10	até 20 anos	73	118,24
	21-25	160	148,13
	26-30	27	156,41
	> 30	25	167,98
	Total	285	
P3_titaneo_11	até 20 anos	73	150,29
	21-25	159	139,16
	26-30	27	143,24
	> 30	25	140,20
	Total	284	
P3_titaneo_12	até 20 anos	73	138,11
	21-25	160	139,65
	26-30	26	161,85
	> 30	25	153,46
	Total	284	
P3_titaneo_13	até 20 anos	73	145,18
	21-25	160	136,53
	26-30	25	155,84
	> 30	25	153,88
	Total	283	

**Ranks**

	Idade_3	N	Mean Rank
P3_titaneo_14	até 20 anos	73	182,28
	21-25	159	135,29
	26-30	27	110,69
	> 30	25	106,56
	Total	284	
P3_titaneo_15	até 20 anos	73	137,94
	21-25	160	139,82
	26-30	27	174,81
	> 30	25	143,76
	Total	285	
P3_titaneo_16	até 20 anos	73	167,62
	21-25	159	136,96
	26-30	26	120,17
	> 30	25	121,94
	Total	283	
P3_titaneo_17	até 20 anos	73	168,12
	21-25	158	134,96
	26-30	26	130,79
	> 30	25	116,26
	Total	282	
P3_titaneo_18	até 20 anos	73	111,07
	21-25	160	154,08
	26-30	27	136,83
	> 30	25	171,96
	Total	285	
P3_titaneo_19	até 20 anos	73	139,27
	21-25	160	142,90
	26-30	26	155,02
	> 30	25	136,34
	Total	284	
P3_titaneo_20	até 20 anos	73	141,26
	21-25	159	139,02
	26-30	26	146,02
	> 30	25	158,94
	Total	283	

**Ranks**

	Idade_3	N	Mean Rank
P3_titaneo_21	até 20 anos	73	176,42
	21-25	159	131,61
	26-30	26	121,88
	> 30	25	128,48
	Total	283	
P3_titaneo_22	até 20 anos	73	117,99
	21-25	160	149,25
	26-30	25	140,34
	> 30	25	167,40
	Total	283	

**Test Statistics<sup>a,b</sup>**

	P3_aco_01	P3_aco_02	P3_aco_03	P3_aco_04	P3_aco_05	P3_aco_06
Chi-square	2,322	1,266	6,273	7,653	1,221	1,996
df	3	3	3	3	3	3
Asymp. Sig.	,508	,737	,099	,054	,748	,573

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_aco_07	P3_aco_08	P3_aco_09	P3_aco_10	P3_aco_11	P3_aco_12
Chi-square	5,551	11,367	1,861	7,799	6,309	5,730
df	3	3	3	3	3	3
Asymp. Sig.	,136	,010	,602	,050	,098	,125

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_aco_13	P3_aco_14	P3_aco_15	P3_aco_16	P3_aco_17	P3_aco_18
Chi-square	3,071	3,340	4,862	,496	2,732	6,783
df	3	3	3	3	3	3
Asymp. Sig.	,381	,342	,182	,920	,435	,079

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_aco_19	P3_aco_20	P3_aco_21	P3_aco_22	P3_alum_01	P3_alum_02
Chi-square	3,601	3,081	13,481	17,911	1,014	23,791
df	3	3	3	3	3	3
Asymp. Sig.	,308	,379	,004	,000	,798	,000

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_alum_03	P3_alum_04	P3_alum_05	P3_alum_06	P3_alum_07
Chi-square	9,535	8,318	14,220	7,184	2,156
df	3	3	3	3	3
Asymp. Sig.	,023	,040	,003	,066	,541

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_alum_08	P3_alum_09	P3_alum_10	P3_alum_11	P3_alum_12
Chi-square	,444	5,033	12,029	2,288	4,758
df	3	3	3	3	3
Asymp. Sig.	,931	,169	,007	,515	,190

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_alum_13	P3_alum_14	P3_alum_15	P3_alum_16	P3_alum_17
Chi-square	18,227	5,040	6,944	,283	8,090
df	3	3	3	3	3
Asymp. Sig.	,000	,169	,074	,963	,044

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_alum_18	P3_alum_19	P3_alum_20	P3_alum_21	P3_alum_22
Chi-square	4,064	2,341	2,413	5,018	7,291
df	3	3	3	3	3
Asymp. Sig.	,255	,505	,491	,171	,063

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_Bronze_0 1	P3_Bronze_0 2	P3_Bronze_0 3	P3_Bronze_0 4	P3_Bronze_0 5
Chi-square	,254	2,143	2,326	13,866	12,461
df	3	3	3	3	3
Asymp. Sig.	,968	,543	,507	,003	,006

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_Bronze_0 6	P3_Bronze_0 7	P3_Bronze_0 8	P3_Bronze_0 9	P3_Bronze_1 0
Chi-square	9,180	10,159	2,825	1,155	3,576
df	3	3	3	3	3
Asymp. Sig.	,027	,017	,419	,764	,311

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_Bronze_1 1	P3_Bronze_1 2	P3_Bronze_1 3	P3_Bronze_1 4	P3_Bronze_1 5
Chi-square	6,552	9,401	3,331	1,741	2,818
df	3	3	3	3	3
Asymp. Sig.	,088	,024	,343	,628	,421

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_Bronze_1 6	P3_Bronze_1 7	P3_Bronze_1 8	P3_Bronze_1 9	P3_Bronze_2 0
Chi-square	18,027	3,063	3,418	6,222	5,770
df	3	3	3	3	3
Asymp. Sig.	,000	,382	,331	,101	,123

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_Bronze_2 1	P3_Bronze_2 2	P3_Ferro_01	P3_Ferro_02	P3_Ferro_03
Chi-square	4,058	7,263	,780	1,200	13,601
df	3	3	3	3	3
Asymp. Sig.	,255	,064	,854	,753	,004

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_Ferro_04	P3_Ferro_05	P3_Ferro_06	P3_Ferro_07	P3_Ferro_08
Chi-square	9,512	1,147	11,791	7,185	,042
df	3	3	3	3	3
Asymp. Sig.	,023	,766	,008	,066	,998

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_Ferro_09	P3_Ferro_10	P3_Ferro_11	P3_Ferro_12	P3_Ferro_13
Chi-square	1,207	1,644	7,513	1,640	7,950
df	3	3	3	3	3
Asymp. Sig.	,751	,650	,057	,650	,047

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_Ferro_14	P3_Ferro_15	P3_Ferro_16	P3_Ferro_17	P3_Ferro_18
Chi-square	8,640	5,634	1,325	3,042	1,740
df	3	3	3	3	3
Asymp. Sig.	,034	,131	,723	,385	,628

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_Ferro_19	P3_Ferro_20	P3_Ferro_21	P3_Ferro_22	P3_titaneo_01
Chi-square	,810	2,337	4,963	4,211	10,430
df	3	3	3	3	3
Asymp. Sig.	,847	,506	,174	,240	,015

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_titaneo_02	P3_titaneo_03	P3_titaneo_04	P3_titaneo_05	P3_titaneo_06
Chi-square	13,508	16,275	16,341	11,167	10,720
df	3	3	3	3	3
Asymp. Sig.	,004	,001	,001	,011	,013

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_titaneo_07	P3_titaneo_08	P3_titaneo_09	P3_titaneo_10	P3_titaneo_11
Chi-square	1,871	10,598	12,131	12,903	1,024
df	3	3	3	3	3
Asymp. Sig.	,600	,014	,007	,005	,795

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_titaneo_12	P3_titaneo_13	P3_titaneo_14	P3_titaneo_15	P3_titaneo_16
Chi-square	2,563	2,237	30,363	4,988	13,297
df	3	3	3	3	3
Asymp. Sig.	,464	,525	,000	,173	,004

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

**Test Statistics<sup>a,b</sup>**

	P3_titaneo_17	P3_titaneo_18	P3_titaneo_19	P3_titaneo_20
Chi-square	13,485	17,969	,959	1,843
df	3	3	3	3
Asymp. Sig.	,004	,000	,811	,606

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

Test Statistics<sup>a,b</sup>

	P3_titaneo_21	P3_titaneo_22
Chi-square	20,035	11,019
df	3	3
Asymp. Sig.	,000	,012

a. Kruskal Wallis Test

b. Grouping Variable: Idade\_3

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5 P3_Bronze_06 P3_Bronze_07 P3_Bronze_12 P3_Bronze_16 P3_Ferro_03 P3_Ferro_04
P3_Ferro_06
P3_Ferro_13 P3_Ferro_14 P3_titaneo_01 P3_titaneo_02 P3_titaneo_03 P3_titaneo_0
4 P3_titaneo_05 P3_titaneo_06 P3_titaneo_08 P3_titaneo_09 P3_titaneo_14 P3_tit
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4 P3_alum_05 P3_alum_10 P3_alum_13 P3_alum_17 P3_Bronze_04 P3_Bronze_05 P3_Bro
nze_06 P3_Bronze_07 P3_Bronze_12 P3_Bronze_16 P3_Ferro_03 P3_Ferro_04 P3_Ferro
_06 P3_Ferro_13
P3_Ferro_14 P3_titaneo_01 P3_titaneo_02 P3_titaneo_03 P3_titaneo_04 P3_titaneo
_05 P3_titaneo_06 P3_titaneo_08 P3_titaneo_09 P3_titaneo_10 P3_titaneo_14 P3_t
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NPAR TESTS

```
/M-W= P3_6_01 P3_6_02 P3_6_03 P3_6_04 P3_6_05 P3_6_06 P3_6_07 P3_6_08 P3_6_0
9 P3_6_10 P3_6_11 P3_6_12 P3_6_13 P3_6_14 P3_6_15 BY Sexo(1 2)
/MISSING ANALYSIS.
```

```
COMPUTE Metais_media=(P3_6_01+P3_6_02+P3_6_06)/3.
```

EXECUTE.

NPAR TESTS

```
/M-W= P3_6_01 P3_6_02 P3_6_03 P3_6_04 P3_6_05 P3_6_06 P3_6_07 P3_6_08 P3_6_0
9 P3_6_10 P3_6_11 P3_6_12 P3_6_13 P3_6_14 P3_6_15 Metais_media BY Sexo(1 2)
/MISSING ANALYSIS.
```

## NPar Tests

### Mann-Whitney Test

#### Ranks

	Sexo	N	Mean Rank	Sum of Ranks
P3_6_01	Feminino	153	129,12	19755,00
	Masculino	131	158,13	20715,00
	Total	284		
P3_6_02	Feminino	153	142,43	21792,50
	Masculino	131	142,58	18677,50
	Total	284		
P3_6_03	Feminino	153	147,03	22495,50
	Masculino	131	137,21	17974,50
	Total	284		
P3_6_04	Feminino	154	144,68	22281,00
	Masculino	131	141,02	18474,00
	Total	285		
P3_6_05	Feminino	147	148,28	21797,50
	Masculino	125	122,64	15330,50
	Total	272		
P3_6_06	Feminino	153	154,20	23593,00
	Masculino	131	128,83	16877,00
	Total	284		
P3_6_07	Feminino	152	141,39	21491,00
	Masculino	130	141,63	18412,00
	Total	282		
P3_6_08	Feminino	154	142,96	22016,50
	Masculino	130	141,95	18453,50
	Total	284		
P3_6_09	Feminino	154	144,74	22290,00
	Masculino	130	139,85	18180,00
	Total	284		
P3_6_10	Feminino	150	132,74	19911,50
	Masculino	131	150,45	19709,50
	Total	281		
P3_6_11	Feminino	153	139,19	21296,00
	Masculino	130	145,31	18890,00
	Total	283		

**Ranks**

	Sexo	N	Mean Rank	Sum of Ranks
P3_6_12	Feminino	154	149,32	22996,00
	Masculino	130	134,42	17474,00
	Total	284		
P3_6_13	Feminino	153	151,28	23146,50
	Masculino	131	132,24	17323,50
	Total	284		
P3_6_14	Feminino	154	144,63	22273,00
	Masculino	131	141,08	18482,00
	Total	285		
P3_6_15	Feminino	154	141,68	21818,00
	Masculino	131	144,56	18937,00
	Total	285		
Metais_media	Feminino	151	142,12	21460,50
	Masculino	131	140,78	18442,50
	Total	282		

**Test Statistics<sup>a</sup>**

	P3_6_01	P3_6_02	P3_6_03	P3_6_04	P3_6_05	P3_6_06
Mann-Whitney U	7974,000	10011,500	9328,500	9828,000	7455,500	8231,000
Wilcoxon W	19755,000	21792,500	17974,500	18474,000	15330,500	16877,000
Z	-3,219	-,017	-1,090	-,408	-2,911	-2,778
Asymp. Sig. (2-tailed)	,001	,987	,276	,683	,004	,005

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_6_07	P3_6_08	P3_6_09	P3_6_10	P3_6_11	P3_6_12
Mann-Whitney U	9863,000	9938,500	9665,000	8586,500	9515,000	8959,000
Wilcoxon W	21491,000	18453,500	18180,000	19911,500	21296,000	17474,000
Z	-,027	-,132	-,558	-2,072	-,663	-1,660
Asymp. Sig. (2-tailed)	,978	,895	,577	,038	,507	,097

a. Grouping Variable: Sexo

**Test Statistics<sup>a</sup>**

	P3_6_13	P3_6_14	P3_6_15	Metais_media
Mann-Whitney U	8677,500	9836,000	9883,000	9796,500
Wilcoxon W	17323,500	18482,000	21818,000	18442,500
Z	-2,111	-,383	-,309	-,141
Asymp. Sig. (2-tailed)	,035	,702	,757	,888

a. Grouping Variable: Sexo

T-TEST GROUPS=Sexo(1 2)

/MISSING=ANALYSIS

/VARIABLES=P3\_6\_01 P3\_6\_02 P3\_6\_03 P3\_6\_04 P3\_6\_05 P3\_6\_06 P3\_6\_07 P3\_6\_08 P3\_6\_09 P3\_6\_10 P3\_6\_11 P3\_6\_12 P3\_6\_13 P3\_6\_14 P3\_6\_15 Metais\_media

/CRITERIA=CI(.95).

## T-Test

**Group Statistics**

Sexo		N	Mean	Std. Deviation	Std. Error Mean
P3_6_01	Feminino	153	1,88	,746	,060
	Masculino	131	2,16	,711	,062
P3_6_02	Feminino	153	2,50	,670	,054
	Masculino	131	2,53	,612	,053
P3_6_03	Feminino	153	2,20	,717	,058
	Masculino	131	2,11	,704	,062
P3_6_04	Feminino	154	1,92	,737	,059
	Masculino	131	1,89	,761	,066
P3_6_05	Feminino	147	1,61	,688	,057
	Masculino	125	1,34	,794	,071
P3_6_06	Feminino	153	2,23	,815	,066
	Masculino	131	1,99	,760	,066
P3_6_07	Feminino	152	1,15	,744	,060
	Masculino	130	1,18	,858	,075
P3_6_08	Feminino	154	2,64	,633	,051
	Masculino	130	2,62	,674	,059
P3_6_09	Feminino	154	2,42	,730	,059
	Masculino	130	2,39	,699	,061
P3_6_10	Feminino	150	2,37	,738	,060
	Masculino	131	2,51	,788	,069
P3_6_11	Feminino	153	1,52	,911	,074
	Masculino	130	1,58	,888	,078

### Group Statistics

	Sexo	N	Mean	Std. Deviation	Std. Error Mean
P3_6_12	Feminino	154	2,32	,847	,068
	Masculino	130	2,13	,960	,084
P3_6_13	Feminino	153	1,54	,707	,057
	Masculino	131	1,33	,818	,071
P3_6_14	Feminino	154	1,76	,817	,066
	Masculino	131	1,70	,934	,082
P3_6_15	Feminino	154	1,73	,917	,074
	Masculino	131	1,76	,893	,078
Metais_media	Feminino	151	2,2053	,50016	,04070
	Masculino	131	2,2265	,45903	,04011

/COMPRESSED.

NPAR TESTS

/K-W=P3\_6\_01 P3\_6\_02 P3\_6\_03 P3\_6\_04 P3\_6\_05 P3\_6\_06 P3\_6\_07 P3\_6\_08 P3\_6\_09 P3\_6\_10 P3\_6\_11

/MISSING ANALYSIS.

## NPar Tests

### Kruskal-Wallis Test

ONEWAY P3\_6\_01 P3\_6\_02 P3\_6\_03 P3\_6\_06 BY Idade\_3

/MISSING ANALYSIS

/POSTHOC=TUKEY ALPHA(0.05).

NPAR TESTS

/M-W= P3\_6\_01 P3\_6\_02 P3\_6\_03 P3\_6\_04 P3\_6\_05 P3\_6\_06 P3\_6\_07 P3\_6\_08 P3\_6\_09 P3\_6\_10 P3\_6\_11 P3\_6\_12 P3\_6\_13 P3\_6\_14 P3\_6\_15 Metais\_media BY Escolaridade\_2(1 2)

/MISSING ANALYSIS.

## NPar Tests

### Mann-Whitney Test

**Ranks**

	Escolaridade_2	N	Mean Rank	Sum of Ranks
P3_6_01	1º ano Lic	94	73,78	6935,50
	Mestrado ou Doutorado	59	82,13	4845,50
	Total	153		
P3_6_02	1º ano Lic	95	74,22	7050,50
	Mestrado ou Doutorado	59	82,79	4884,50
	Total	154		
P3_6_03	1º ano Lic	95	76,94	7309,50
	Mestrado ou Doutorado	59	78,40	4625,50
	Total	154		
P3_6_04	1º ano Lic	95	78,84	7489,50
	Mestrado ou Doutorado	59	75,35	4445,50
	Total	154		
P3_6_05	1º ano Lic	91	73,71	6708,00
	Mestrado ou Doutorado	55	73,15	4023,00
	Total	146		
P3_6_06	1º ano Lic	95	80,47	7645,00
	Mestrado ou Doutorado	59	72,71	4290,00
	Total	154		
P3_6_07	1º ano Lic	93	82,01	7627,00
	Mestrado ou Doutorado	59	67,81	4001,00
	Total	152		
P3_6_08	1º ano Lic	95	75,49	7171,50
	Mestrado ou Doutorado	59	80,74	4763,50
	Total	154		
P3_6_09	1º ano Lic	94	78,94	7420,00
	Mestrado ou Doutorado	59	73,92	4361,00
	Total	153		
P3_6_10	1º ano Lic	94	74,66	7018,50
	Mestrado ou Doutorado	58	79,47	4609,50
	Total	152		

**Ranks**

Escolaridade_2		N	Mean Rank	Sum of Ranks
P3_6_11	1º ano Lic	94	76,52	7193,00
	Mestrado ou Doutorado	58	76,47	4435,00
	Total	152		
P3_6_12	1º ano Lic	95	74,07	7036,50
	Mestrado ou Doutorado	58	81,80	4744,50
	Total	153		
P3_6_13	1º ano Lic	94	78,98	7424,50
	Mestrado ou Doutorado	59	73,84	4356,50
	Total	153		
P3_6_14	1º ano Lic	95	80,85	7680,50
	Mestrado ou Doutorado	59	72,11	4254,50
	Total	154		
P3_6_15	1º ano Lic	95	79,29	7532,50
	Mestrado ou Doutorado	59	74,62	4402,50
	Total	154		
Metais_media	1º ano Lic	94	76,21	7163,50
	Mestrado ou Doutorado	59	78,26	4617,50
	Total	153		

**Test Statistics<sup>a</sup>**

	P3_6_01	P3_6_02	P3_6_03	P3_6_04	P3_6_05	P3_6_06
Mann-Whitney U	2470,500	2490,500	2749,500	2675,500	2483,000	2520,000
Wilcoxon W	6935,500	7050,500	7309,500	4445,500	4023,000	4290,000
Z	-1,232	-1,350	-,214	-,507	-,086	-1,121
Asymp. Sig. (2-tailed)	,218	,177	,830	,612	,932	,262

a. Grouping Variable: Escolaridade\_2

**Test Statistics<sup>a</sup>**

	P3_6_07	P3_6_08	P3_6_09	P3_6_10	P3_6_11	P3_6_12
Mann-Whitney U	2231,000	2611,500	2591,000	2553,500	2724,000	2476,500
Wilcoxon W	4001,000	7171,500	4361,000	7018,500	4435,000	7036,500
Z	-2,120	-,897	-,756	-,743	-,008	-1,136
Asymp. Sig. (2-tailed)	,034	,370	,450	,458	,994	,256

a. Grouping Variable: Escolaridade\_2

### Test Statistics<sup>a</sup>

	P3_6_13	P3_6_14	P3_6_15	Metais_media
Mann-Whitney U	2586,500	2484,500	2632,500	2698,500
Wilcoxon W	4356,500	4254,500	4402,500	7163,500
Z	-,756	-1,247	-,666	-,287
Asymp. Sig. (2-tailed)	,450	,212	,505	,774

a. Grouping Variable: Escolaridade\_2

```
T-TEST GROUPS=Escolaridade_2(1 2)
  /MISSING=ANALYSIS
  /VARIABLES=P3_6_07
  /CRITERIA=CI(.95).
```

## T-Test

### Group Statistics

Escolaridade_2		N	Mean	Std. Deviation	Std. Error Mean
P3_6_07	1º ano Lic	93	1,33	,838	,087
	Mestrado ou Doutorado	59	1,02	,682	,089

## Custom Tables

\* Custom Tables.

CTABLES

```
  /VLABELS VARIABLES=Metal_01 Metal_02 Metal_03 Metal_04 Metal_05 Metal_06 Metal_07 Metal_08 Metal_09 Metal_10 Metal_11 Metal_12 Metal_13 Metal_14
```

```
  DISPLAY=LABEL
```

```
  /TABLE Metal_01 [COUNT F40.0] + Metal_02 [COUNT F40.0] + Metal_03 [COUNT F40.0] + Metal_04 [COUNT F40.0] + Metal_05 [COUNT F40.0] + Metal_06 [COUNT F40.0] + Metal_07 [COUNT F40.0] + Metal_08 [COUNT F40.0] + Metal_09 [COUNT F40.0] + Metal_10 [COUNT
```

```
F40.0] + Metal_11 [COUNT F40.0] + Metal_12 [COUNT F40.0] + Metal_13 [COUNT F40.0] + Metal_14 [COUNT F40.0]
```

```
  /CATEGORIES VARIABLES=Metal_01 Metal_02 Metal_03 Metal_04 Metal_05 Metal_06 Metal_07 Metal_08 Metal_09 Metal_10 Metal_11 Metal_12 Metal_13 Metal_14 ORDER=A KEY=VALUE EMPTY=INCLUDE.
```

## Custom Tables

		Count
Metal_01	selecionado	45
	não selecionado	242
Metal_02	selecionado	183
	não selecionado	104
Metal_03	selecionado	245
	não selecionado	42
Metal_04	selecionado	10
	não selecionado	277
Metal_05	selecionado	27
	não selecionado	260
Metal_06	selecionado	16
	não selecionado	271
Metal_07	selecionado	10
	não selecionado	277
Metal_08	selecionado	206
	não selecionado	81
Metal_09	selecionado	54
	não selecionado	233
Metal_10	selecionado	16
	não selecionado	271
Metal_11	selecionado	0
	não selecionado	287
Metal_12	selecionado	50
	não selecionado	237
Metal_13	selecionado	1
	não selecionado	286
Metal_14	selecionado	15
	não selecionado	272

```

USE ALL.
COMPUTE filter_$=(Grau < 4).
VARIABLE LABEL filter_$ 'Grau < 4 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
FREQUENCIES VARIABLES=Grau
  /ORDER=ANALYSIS.

```

## Frequencies

### Statistics

Grau

N	Valid	287
	Missing	0

### Grau

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Licenciatura	228	79,4	79,4	79,4
	Mestrado	54	18,8	18,8	98,3
	Doutoramento	5	1,7	1,7	100,0
	Total	287	100,0	100,0	

USE ALL.

COMPUTE filter\_\$=(Grau < 3).

VARIABLE LABEL filter\_\$ 'Grau < 3 (FILTER)'.  
VALUE LABELS filter\_\$ 0 'Not Selected' 1 'Selected'.  
FORMAT filter\_\$ (f1.0).  
FILTER BY filter\_\$.  
EXECUTE.

CROSSTABS

/TABLES=Metal\_01 Metal\_02 Metal\_03 Metal\_04 Metal\_05 Metal\_06 Metal\_07 Metal\_08 Metal\_09 Metal\_10 Metal\_11 Metal\_12 Metal\_13 Metal\_14 BY Grau

/FORMAT=AVALUE TABLES

/STATISTICS=CHISQ

/CELLS=COUNT ROW COLUMN TOTAL

/COUNT ROUND CELL.

## Crosstabs

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Metal_01 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_02 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_03 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_04 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_05 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_06 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_07 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_08 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_09 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_10 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_11 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_12 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_13 * Grau	282	100,0%	0	,0%	282	100,0%
Metal_14 * Grau	282	100,0%	0	,0%	282	100,0%

**Metal\_01 \* Grau**

**Crosstab**

			Grau		Total
			Licenciatura	Mestrado	
Metal_01	selecionado	Count	32	11	43
		% within Metal_01	74,4%	25,6%	100,0%
		% within Grau	14,0%	20,4%	15,2%
		% of Total	11,3%	3,9%	15,2%
	não selecionado	Count	196	43	239
		% within Metal_01	82,0%	18,0%	100,0%
		% within Grau	86,0%	79,6%	84,8%
		% of Total	69,5%	15,2%	84,8%
Total	Count	228	54	282	
	% within Metal_01	80,9%	19,1%	100,0%	
	% within Grau	100,0%	100,0%	100,0%	
	% of Total	80,9%	19,1%	100,0%	

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,356 <sup>a</sup>	1	,244		
Continuity Correction <sup>b</sup>	,910	1	,340		
Likelihood Ratio	1,276	1	,259		
Fisher's Exact Test				,291	,169
Linear-by-Linear Association	1,351	1	,245		
N of Valid Cases	282				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 8,23.

b. Computed only for a 2x2 table

### Metal\_02 \* Grau

#### Crosstab

			Grau		Total
			Licenciatura	Mestrado	
Metal_02	selecionado	Count	143	37	180
		% within Metal_02	79,4%	20,6%	100,0%
		% within Grau	62,7%	68,5%	63,8%
		% of Total	50,7%	13,1%	63,8%
Metal_02	não selecionado	Count	85	17	102
		% within Metal_02	83,3%	16,7%	100,0%
		% within Grau	37,3%	31,5%	36,2%
		% of Total	30,1%	6,0%	36,2%
Total		Count	228	54	282
		% within Metal_02	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,636 <sup>a</sup>	1	,425		
Continuity Correction <sup>b</sup>	,410	1	,522		
Likelihood Ratio	,646	1	,421		
Fisher's Exact Test				,529	,263
Linear-by-Linear Association	,634	1	,426		
N of Valid Cases	282				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 19,53.

b. Computed only for a 2x2 table

### Metal\_03 \* Grau

#### Crosstab

			Grau		Total
			Licenciatura	Mestrado	
Metal_03	selecionado	Count	193	48	241
		% within Metal_03	80,1%	19,9%	100,0%
		% within Grau	84,6%	88,9%	85,5%
		% of Total	68,4%	17,0%	85,5%
Metal_03	não selecionado	Count	35	6	41
		% within Metal_03	85,4%	14,6%	100,0%
		% within Grau	15,4%	11,1%	14,5%
		% of Total	12,4%	2,1%	14,5%
Total		Count	228	54	282
		% within Metal_03	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,632 <sup>a</sup>	1	,427		
Continuity Correction <sup>b</sup>	,336	1	,562		
Likelihood Ratio	,668	1	,414		
Fisher's Exact Test				,523	,289
Linear-by-Linear Association	,629	1	,428		
N of Valid Cases	282				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 7,85.

b. Computed only for a 2x2 table

### Metal\_04 \* Grau

#### Crosstab

			Grau		Total
			Licenciatura	Mestrado	
Metal_04	selecionado	Count	9	0	9
		% within Metal_04	100,0%	,0%	100,0%
		% within Grau	3,9%	,0%	3,2%
		% of Total	3,2%	,0%	3,2%
nã	selecionado	Count	219	54	273
		% within Metal_04	80,2%	19,8%	100,0%
		% within Grau	96,1%	100,0%	96,8%
		% of Total	77,7%	19,1%	96,8%
Total		Count	228	54	282
		% within Metal_04	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2,202 <sup>a</sup>	1	,138		
Continuity Correction <sup>b</sup>	1,110	1	,292		
Likelihood Ratio	3,896	1	,048		
Fisher's Exact Test				,215	,143
Linear-by-Linear Association	2,194	1	,139		
N of Valid Cases	282				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 1,72.

b. Computed only for a 2x2 table

### Metal\_05 \* Grau

#### Crosstab

			Grau		Total
			Licenciatura	Mestrado	
Metal_05	selecionado	Count	21	6	27
		% within Metal_05	77,8%	22,2%	100,0%
		% within Grau	9,2%	11,1%	9,6%
		% of Total	7,4%	2,1%	9,6%
Metal_05	nã selecionado	Count	207	48	255
		% within Metal_05	81,2%	18,8%	100,0%
		% within Grau	90,8%	88,9%	90,4%
		% of Total	73,4%	17,0%	90,4%
Total		Count	228	54	282
		% within Metal_05	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,182 <sup>a</sup>	1	,670		
Continuity Correction <sup>b</sup>	,029	1	,865		
Likelihood Ratio	,176	1	,675		
Fisher's Exact Test				,615	,416
Linear-by-Linear Association	,182	1	,670		
N of Valid Cases	282				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 5,17.

b. Computed only for a 2x2 table

**Metal\_06 \* Grau**

**Crosstab**

			Grau		Total
			Licenciatura	Mestrado	
Metal_06	selecionado	Count	13	2	15
		% within Metal_06	86,7%	13,3%	100,0%
		% within Grau	5,7%	3,7%	5,3%
		% of Total	4,6%	,7%	5,3%
Metal_06	não selecionado	Count	215	52	267
		% within Metal_06	80,5%	19,5%	100,0%
		% within Grau	94,3%	96,3%	94,7%
		% of Total	76,2%	18,4%	94,7%
Total		Count	228	54	282
		% within Metal_06	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,346 <sup>a</sup>	1	,556		
Continuity Correction <sup>b</sup>	,063	1	,802		
Likelihood Ratio	,376	1	,540		
Fisher's Exact Test				,744	,426
Linear-by-Linear Association	,345	1	,557		
N of Valid Cases	282				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 2,87.

b. Computed only for a 2x2 table

**Metal\_07 \* Grau**

**Crosstab**

			Grau		Total
			Licenciatura	Mestrado	
Metal_07	selecionado	Count	7	2	9
		% within Metal_07	77,8%	22,2%	100,0%
		% within Grau	3,1%	3,7%	3,2%
		% of Total	2,5%	,7%	3,2%
Metal_07	nã selecionado	Count	221	52	273
		% within Metal_07	81,0%	19,0%	100,0%
		% within Grau	96,9%	96,3%	96,8%
		% of Total	78,4%	18,4%	96,8%
Total		Count	228	54	282
		% within Metal_07	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,057 <sup>a</sup>	1	,812		
Continuity Correction <sup>b</sup>	,000	1	1,000		
Likelihood Ratio	,055	1	,815		
Fisher's Exact Test				,684	,541
Linear-by-Linear Association	,057	1	,812		
N of Valid Cases	282				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 1,72.

b. Computed only for a 2x2 table

**Metal\_08 \* Grau**

**Crosstab**

			Grau		Total
			Licenciatura	Mestrado	
Metal_08	selecionado	Count	164	37	201
		% within Metal_08	81,6%	18,4%	100,0%
		% within Grau	71,9%	68,5%	71,3%
		% of Total	58,2%	13,1%	71,3%
Metal_08	não selecionado	Count	64	17	81
		% within Metal_08	79,0%	21,0%	100,0%
		% within Grau	28,1%	31,5%	28,7%
		% of Total	22,7%	6,0%	28,7%
Total		Count	228	54	282
		% within Metal_08	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,248 <sup>a</sup>	1	,618		
Continuity Correction <sup>b</sup>	,110	1	,741		
Likelihood Ratio	,245	1	,621		
Fisher's Exact Test				,619	,366
Linear-by-Linear Association	,247	1	,619		
N of Valid Cases	282				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 15,51.

b. Computed only for a 2x2 table

### Metal\_09 \* Grau

#### Crosstab

			Grau		Total
			Licenciatura	Mestrado	
Metal_09	selecionado	Count	48	6	54
		% within Metal_09	88,9%	11,1%	100,0%
		% within Grau	21,1%	11,1%	19,1%
		% of Total	17,0%	2,1%	19,1%
Metal_09	não selecionado	Count	180	48	228
		% within Metal_09	78,9%	21,1%	100,0%
		% within Grau	78,9%	88,9%	80,9%
		% of Total	63,8%	17,0%	80,9%
Total		Count	228	54	282
		% within Metal_09	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2,787 <sup>a</sup>	1	,095		
Continuity Correction <sup>b</sup>	2,182	1	,140		
Likelihood Ratio	3,088	1	,079		
Fisher's Exact Test				,123	,065
Linear-by-Linear Association	2,777	1	,096		
N of Valid Cases	282				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 10,34.

b. Computed only for a 2x2 table

### Metal\_10 \* Grau

#### Crosstab

			Grau		Total
			Licenciatura	Mestrado	
Metal_10	selecionado	Count	15	1	16
		% within Metal_10	93,8%	6,3%	100,0%
		% within Grau	6,6%	1,9%	5,7%
		% of Total	5,3%	,4%	5,7%
Metal_10	não selecionado	Count	213	53	266
		% within Metal_10	80,1%	19,9%	100,0%
		% within Grau	93,4%	98,1%	94,3%
		% of Total	75,5%	18,8%	94,3%
Total		Count	228	54	282
		% within Metal_10	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,823 <sup>a</sup>	1	,177		
Continuity Correction <sup>b</sup>	1,047	1	,306		
Likelihood Ratio	2,304	1	,129		
Fisher's Exact Test				,323	,152
Linear-by-Linear Association	1,816	1	,178		
N of Valid Cases	282				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 3,06.

b. Computed only for a 2x2 table

### Metal\_11 \* Grau

#### Crosstab

			Grau		Total
			Licenciatura	Mestrado	
Metal_11 não selecionado	Count	228	54	282	
	% within Metal_11	80,9%	19,1%	100,0%	
	% within Grau	100,0%	100,0%	100,0%	
	% of Total	80,9%	19,1%	100,0%	
Total	Count	228	54	282	
	% within Metal_11	80,9%	19,1%	100,0%	
	% within Grau	100,0%	100,0%	100,0%	
	% of Total	80,9%	19,1%	100,0%	

#### Chi-Square Tests

	Value
Pearson Chi-Square	.a
N of Valid Cases	282

a. No statistics are computed because Metal\_11 is a constant.

### Metal\_12 \* Grau

**Crosstab**

			Grau		Total
			Licenciatura	Mestrado	
Metal_12	selecionado	Count	42	8	50
		% within Metal_12	84,0%	16,0%	100,0%
		% within Grau	18,4%	14,8%	17,7%
		% of Total	14,9%	2,8%	17,7%
	não selecionado	Count	186	46	232
		% within Metal_12	80,2%	19,8%	100,0%
		% within Grau	81,6%	85,2%	82,3%
		% of Total	66,0%	16,3%	82,3%
Total	Count	228	54	282	
	% within Metal_12	80,9%	19,1%	100,0%	
	% within Grau	100,0%	100,0%	100,0%	
	% of Total	80,9%	19,1%	100,0%	

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,389 <sup>a</sup>	1	,533		
Continuity Correction <sup>b</sup>	,181	1	,670		
Likelihood Ratio	,403	1	,525		
Fisher's Exact Test				,692	,344
Linear-by-Linear Association	,388	1	,533		
N of Valid Cases	282				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 9,57.

b. Computed only for a 2x2 table

**Metal\_13 \* Grau**

**Crosstab**

			Grau		Total
			Licenciatura	Mestrado	
Metal_13	não selecionado	Count	228	54	282
		% within Metal_13	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%
Total		Count	228	54	282
		% within Metal_13	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%

**Chi-Square Tests**

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	282

a. No statistics are computed because Metal\_13 is a constant.

**Metal\_14 \* Grau**

**Crosstab**

			Grau		Total
			Licenciatura	Mestrado	
Metal_14	selecionado	Count	11	4	15
		% within Metal_14	73,3%	26,7%	100,0%
		% within Grau	4,8%	7,4%	5,3%
		% of Total	3,9%	1,4%	5,3%
	não selecionado	Count	217	50	267
		% within Metal_14	81,3%	18,7%	100,0%
		% within Grau	95,2%	92,6%	94,7%
		% of Total	77,0%	17,7%	94,7%
Total		Count	228	54	282
		% within Metal_14	80,9%	19,1%	100,0%
		% within Grau	100,0%	100,0%	100,0%
		% of Total	80,9%	19,1%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,578 <sup>a</sup>	1	,447		
Continuity Correction <sup>b</sup>	,179	1	,672		
Likelihood Ratio	,533	1	,465		
Fisher's Exact Test				,498	,318
Linear-by-Linear Association	,576	1	,448		
N of Valid Cases	282				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 2,87.

b. Computed only for a 2x2 table

FILTER OFF.

USE ALL.

EXECUTE.

USE ALL.

COMPUTE filter\_\$=(Ano < 4).

VARIABLE LABEL filter\_\$ 'Ano < 4 (FILTER)'.  
 VALUE LABELS filter\_\$ 0 'Not Selected' 1 'Selected'.

FORMAT filter\_\$ (f1.0).

FILTER BY filter\_\$.

EXECUTE.

FILTER OFF.

USE ALL.

EXECUTE.

CROSSTABS

  /TABLES=Metal\_01 Metal\_02 Metal\_03 Metal\_04 Metal\_05 Metal\_06 Metal\_07 Metal\_08 Metal\_09 Metal\_10 Metal\_11 Metal\_12 Metal\_13 Metal\_14 BY Escolaridade\_2

  /FORMAT=AVALUE TABLES

  /STATISTICS=CHISQ

  /CELLS=COUNT ROW COLUMN TOTAL

  /COUNT ROUND CELL.

## Crosstabs

### Metal\_01 \* Escolaridade\_2

**Crosstab**

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_01	selecionado	Count	11	13	24
		% within Metal_01	45,8%	54,2%	100,0%
		% within Escolaridade_2	11,6%	22,0%	15,6%
		% of Total	7,1%	8,4%	15,6%
	não selecionado	Count	84	46	130
		% within Metal_01	64,6%	35,4%	100,0%
		% within Escolaridade_2	88,4%	78,0%	84,4%
		% of Total	54,5%	29,9%	84,4%
Total		Count	95	59	154
		% within Metal_01	61,7%	38,3%	100,0%
		% within Escolaridade_2	100,0%	100,0%	100,0%
		% of Total	61,7%	38,3%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	3,024 <sup>a</sup>	1	,082		
Continuity Correction <sup>b</sup>	2,282	1	,131		
Likelihood Ratio	2,944	1	,086		
Fisher's Exact Test				,109	,067
Linear-by-Linear Association	3,004	1	,083		
N of Valid Cases	154				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 9,19.

b. Computed only for a 2x2 table

**Metal\_02 \* Escolaridade\_2**

**Crosstab**

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_02	selecionado	Count	51	40	91
		% within Metal_02	56,0%	44,0%	100,0%
		% within Escolaridade_2	53,7%	67,8%	59,1%
		% of Total	33,1%	26,0%	59,1%
	não selecionado	Count	44	19	63
		% within Metal_02	69,8%	30,2%	100,0%
		% within Escolaridade_2	46,3%	32,2%	40,9%
		% of Total	28,6%	12,3%	40,9%
Total		Count	95	59	154
		% within Metal_02	61,7%	38,3%	100,0%
		% within Escolaridade_2	100,0%	100,0%	100,0%
		% of Total	61,7%	38,3%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2,999 <sup>a</sup>	1	,083		
Continuity Correction <sup>b</sup>	2,443	1	,118		
Likelihood Ratio	3,038	1	,081		
Fisher's Exact Test				,094	,058
Linear-by-Linear Association	2,979	1	,084		
N of Valid Cases	154				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 24,14.

b. Computed only for a 2x2 table

**Metal\_03 \* Escolaridade\_2**

**Crosstab**

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_03	selecionado	Count	81	52	133
		% within Metal_03	60,9%	39,1%	100,0%
		% within Escolaridade_2	85,3%	88,1%	86,4%
		% of Total	52,6%	33,8%	86,4%
	não selecionado	Count	14	7	21
		% within Metal_03	66,7%	33,3%	100,0%
		% within Escolaridade_2	14,7%	11,9%	13,6%
		% of Total	9,1%	4,5%	13,6%
Total		Count	95	59	154
		% within Metal_03	61,7%	38,3%	100,0%
		% within Escolaridade_2	100,0%	100,0%	100,0%
		% of Total	61,7%	38,3%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,255 <sup>a</sup>	1	,614		
Continuity Correction <sup>b</sup>	,069	1	,792		
Likelihood Ratio	,259	1	,611		
Fisher's Exact Test				,810	,401
Linear-by-Linear Association	,253	1	,615		
N of Valid Cases	154				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 8,05.

b. Computed only for a 2x2 table

**Metal\_04 \* Escolaridade\_2**

**Crosstab**

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_04	selecionado	Count	4	1	5
		% within Metal_04	80,0%	20,0%	100,0%
		% within Escolaridade_2	4,2%	1,7%	3,2%
		% of Total	2,6%	,6%	3,2%
	não selecionado	Count	91	58	149
		% within Metal_04	61,1%	38,9%	100,0%
		% within Escolaridade_2	95,8%	98,3%	96,8%
		% of Total	59,1%	37,7%	96,8%
Total		Count	95	59	154
		% within Metal_04	61,7%	38,3%	100,0%
		% within Escolaridade_2	100,0%	100,0%	100,0%
		% of Total	61,7%	38,3%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,733 <sup>a</sup>	1	,392		
Continuity Correction <sup>b</sup>	,151	1	,698		
Likelihood Ratio	,803	1	,370		
Fisher's Exact Test				,650	,364
Linear-by-Linear Association	,728	1	,393		
N of Valid Cases	154				

a. 2 cells (50,0%) have expected count less than 5. The minimum expected count is 1,92.

b. Computed only for a 2x2 table

**Metal\_05 \* Escolaridade\_2**

**Crosstab**

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_05	selecionado	Count	7	6	13
		% within Metal_05	53,8%	46,2%	100,0%
		% within Escolaridade_2	7,4%	10,2%	8,4%
		% of Total	4,5%	3,9%	8,4%
	não selecionado	Count	88	53	141
		% within Metal_05	62,4%	37,6%	100,0%
		% within Escolaridade_2	92,6%	89,8%	91,6%
		% of Total	57,1%	34,4%	91,6%
Total		Count	95	59	154
		% within Metal_05	61,7%	38,3%	100,0%
		% within Escolaridade_2	100,0%	100,0%	100,0%
		% of Total	61,7%	38,3%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,369 <sup>a</sup>	1	,543		
Continuity Correction <sup>b</sup>	,096	1	,757		
Likelihood Ratio	,362	1	,547		
Fisher's Exact Test				,563	,372
Linear-by-Linear Association	,367	1	,545		
N of Valid Cases	154				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 4,98.

b. Computed only for a 2x2 table

**Metal\_06 \* Escolaridade\_2**

**Crosstab**

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_06	selecionado	Count	3	3	6
		% within Metal_06	50,0%	50,0%	100,0%
		% within Escolaridade_2	3,2%	5,1%	3,9%
		% of Total	1,9%	1,9%	3,9%
	não selecionado	Count	92	56	148
		% within Metal_06	62,2%	37,8%	100,0%
		% within Escolaridade_2	96,8%	94,9%	96,1%
		% of Total	59,7%	36,4%	96,1%
Total		Count	95	59	154
		% within Metal_06	61,7%	38,3%	100,0%
		% within Escolaridade_2	100,0%	100,0%	100,0%
		% of Total	61,7%	38,3%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,361 <sup>a</sup>	1	,548		
Continuity Correction <sup>b</sup>	,030	1	,863		
Likelihood Ratio	,351	1	,553		
Fisher's Exact Test				,676	,420
Linear-by-Linear Association	,359	1	,549		
N of Valid Cases	154				

a. 2 cells (50,0%) have expected count less than 5. The minimum expected count is 2,30.

b. Computed only for a 2x2 table

**Metal\_07 \* Escolaridade\_2**

**Crosstab**

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_07	selecionado	Count	6	3	9
		% within Metal_07	66,7%	33,3%	100,0%
		% within Escolaridade_2	6,3%	5,1%	5,8%
		% of Total	3,9%	1,9%	5,8%
	não selecionado	Count	89	56	145
		% within Metal_07	61,4%	38,6%	100,0%
		% within Escolaridade_2	93,7%	94,9%	94,2%
		% of Total	57,8%	36,4%	94,2%
Total		Count	95	59	154
		% within Metal_07	61,7%	38,3%	100,0%
		% within Escolaridade_2	100,0%	100,0%	100,0%
		% of Total	61,7%	38,3%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,100 <sup>a</sup>	1	,752		
Continuity Correction <sup>b</sup>	,000	1	1,000		
Likelihood Ratio	,102	1	,749		
Fisher's Exact Test				1,000	,525
Linear-by-Linear Association	,100	1	,752		
N of Valid Cases	154				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 3,45.

b. Computed only for a 2x2 table

**Metal\_08 \* Escolaridade\_2**

**Crosstab**

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_08	selecionado	Count	72	42	114
		% within Metal_08	63,2%	36,8%	100,0%
		% within Escolaridade_2	75,8%	71,2%	74,0%
		% of Total	46,8%	27,3%	74,0%
	não selecionado	Count	23	17	40
		% within Metal_08	57,5%	42,5%	100,0%
		% within Escolaridade_2	24,2%	28,8%	26,0%
		% of Total	14,9%	11,0%	26,0%
Total		Count	95	59	154
		% within Metal_08	61,7%	38,3%	100,0%
		% within Escolaridade_2	100,0%	100,0%	100,0%
		% of Total	61,7%	38,3%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,401 <sup>a</sup>	1	,527		
Continuity Correction <sup>b</sup>	,197	1	,657		
Likelihood Ratio	,398	1	,528		
Fisher's Exact Test				,573	,327
Linear-by-Linear Association	,398	1	,528		
N of Valid Cases	154				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 15,32.

b. Computed only for a 2x2 table

**Metal\_09 \* Escolaridade\_2**

**Crosstab**

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_09	selecionado	Count	28	6	34
		% within Metal_09	82,4%	17,6%	100,0%
		% within Escolaridade_2	29,5%	10,2%	22,1%
		% of Total	18,2%	3,9%	22,1%
	não selecionado	Count	67	53	120
		% within Metal_09	55,8%	44,2%	100,0%
		% within Escolaridade_2	70,5%	89,8%	77,9%
		% of Total	43,5%	34,4%	77,9%
Total		Count	95	59	154
		% within Metal_09	61,7%	38,3%	100,0%
		% within Escolaridade_2	100,0%	100,0%	100,0%
		% of Total	61,7%	38,3%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	7,884 <sup>a</sup>	1	,005		
Continuity Correction <sup>b</sup>	6,802	1	,009		
Likelihood Ratio	8,589	1	,003		
Fisher's Exact Test				,005	,004
Linear-by-Linear Association	7,833	1	,005		
N of Valid Cases	154				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 13,03.

b. Computed only for a 2x2 table

**Metal\_10 \* Escolaridade\_2**

**Crosstab**

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_10	selecionado	Count	5	1	6
		% within Metal_10	83,3%	16,7%	100,0%
		% within Escolaridade_2	5,3%	1,7%	3,9%
		% of Total	3,2%	,6%	3,9%
	não selecionado	Count	90	58	148
		% within Metal_10	60,8%	39,2%	100,0%
		% within Escolaridade_2	94,7%	98,3%	96,1%
		% of Total	58,4%	37,7%	96,1%
Total		Count	95	59	154
		% within Metal_10	61,7%	38,3%	100,0%
		% within Escolaridade_2	100,0%	100,0%	100,0%
		% of Total	61,7%	38,3%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,238 <sup>a</sup>	1	,266		
Continuity Correction <sup>b</sup>	,468	1	,494		
Likelihood Ratio	1,391	1	,238		
Fisher's Exact Test				,407	,255
Linear-by-Linear Association	1,230	1	,267		
N of Valid Cases	154				

a. 2 cells (50,0%) have expected count less than 5. The minimum expected count is 2,30.

b. Computed only for a 2x2 table

**Metal\_11 \* Escolaridade\_2**

**Crosstab**

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_11 não selecionado	Count		95	59	154
	% within Metal_11		61,7%	38,3%	100,0%
	% within Escolaridade_2		100,0%	100,0%	100,0%
	% of Total		61,7%	38,3%	100,0%
Total	Count		95	59	154
	% within Metal_11		61,7%	38,3%	100,0%
	% within Escolaridade_2		100,0%	100,0%	100,0%
	% of Total		61,7%	38,3%	100,0%

**Chi-Square Tests**

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	154

a. No statistics are computed because Metal\_11 is a constant.

**Metal\_12 \* Escolaridade\_2**

**Crosstab**

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_12 selecionado	Count		16	8	24
	% within Metal_12		66,7%	33,3%	100,0%
	% within Escolaridade_2		16,8%	13,6%	15,6%
	% of Total		10,4%	5,2%	15,6%
Metal_12 não selecionado	Count		79	51	130
	% within Metal_12		60,8%	39,2%	100,0%
	% within Escolaridade_2		83,2%	86,4%	84,4%
	% of Total		51,3%	33,1%	84,4%
Total	Count		95	59	154
	% within Metal_12		61,7%	38,3%	100,0%
	% within Escolaridade_2		100,0%	100,0%	100,0%
	% of Total		61,7%	38,3%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,298 <sup>a</sup>	1	,585		
Continuity Correction <sup>b</sup>	,101	1	,751		
Likelihood Ratio	,303	1	,582		
Fisher's Exact Test				,653	,380
Linear-by-Linear Association	,296	1	,586		
N of Valid Cases	154				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 9,19.

b. Computed only for a 2x2 table

### Metal\_13 \* Escolaridade\_2

#### Crosstab

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_13	selecionado	Count	0	1	1
		% within Metal_13	,0%	100,0%	100,0%
		% within Escolaridade_2	,0%	1,7%	,6%
		% of Total	,0%	,6%	,6%
não selecionado	Count	Count	95	58	153
		% within Metal_13	62,1%	37,9%	100,0%
		% within Escolaridade_2	100,0%	98,3%	99,4%
		% of Total	61,7%	37,7%	99,4%
Total	Count	Count	95	59	154
		% within Metal_13	61,7%	38,3%	100,0%
		% within Escolaridade_2	100,0%	100,0%	100,0%
		% of Total	61,7%	38,3%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,621 <sup>a</sup>	1	,203		
Continuity Correction <sup>b</sup>	,058	1	,809		
Likelihood Ratio	1,929	1	,165		
Fisher's Exact Test				,383	,383
Linear-by-Linear Association	1,610	1	,204		
N of Valid Cases	154				

a. 2 cells (50,0%) have expected count less than 5. The minimum expected count is ,38.

b. Computed only for a 2x2 table

### Metal\_14 \* Escolaridade\_2

#### Crosstab

			Escolaridade_2		Total
			1º ano Lic	Mestrado ou Doutorado	
Metal_14	selecionado	Count	3	4	7
		% within Metal_14	42,9%	57,1%	100,0%
		% within Escolaridade_2	3,2%	6,8%	4,5%
		% of Total	1,9%	2,6%	4,5%
não selecionado		Count	92	55	147
		% within Metal_14	62,6%	37,4%	100,0%
		% within Escolaridade_2	96,8%	93,2%	95,5%
		% of Total	59,7%	35,7%	95,5%
Total		Count	95	59	154
		% within Metal_14	61,7%	38,3%	100,0%
		% within Escolaridade_2	100,0%	100,0%	100,0%
		% of Total	61,7%	38,3%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,100 <sup>a</sup>	1	,294		
Continuity Correction <sup>b</sup>	,424	1	,515		
Likelihood Ratio	1,063	1	,302		
Fisher's Exact Test				,429	,253
Linear-by-Linear Association	1,093	1	,296		
N of Valid Cases	154				

a. 2 cells (50,0%) have expected count less than 5. The minimum expected count is 2,68.

b. Computed only for a 2x2 table

### T-Test

#### Group Statistics

Escolaridade_2		N	Mean	Std. Deviation	Std. Error Mean
P3_6_01	1º ano Lic	94	1,91	,743	,077
	Mestrado ou Doutorado	59	2,07	,691	,090
P3_6_02	1º ano Lic	95	2,49	,634	,065
	Mestrado ou Doutorado	59	2,63	,584	,076
P3_6_03	1º ano Lic	95	2,21	,713	,073
	Mestrado ou Doutorado	59	2,24	,703	,092
P3_6_04	1º ano Lic	95	1,98	,812	,083
	Mestrado ou Doutorado	59	1,92	,772	,101
P3_6_05	1º ano Lic	91	1,56	,718	,075
	Mestrado ou Doutorado	55	1,55	,835	,113
P3_6_06	1º ano Lic	95	2,16	,776	,080
	Mestrado ou Doutorado	59	2,02	,820	,107
P3_6_07	1º ano Lic	93	1,33	,838	,087
	Mestrado ou Doutorado	59	1,02	,682	,089
P3_6_08	1º ano Lic	95	2,57	,739	,076
	Mestrado ou Doutorado	59	2,71	,527	,069
P3_6_09	1º ano Lic	94	2,38	,818	,084
	Mestrado ou Doutorado	59	2,36	,663	,086

**Group Statistics**

Escolaridade_2		N	Mean	Std. Deviation	Std. Error Mean
P3_6_10	1º ano Lic	94	2,39	,793	,082
	Mestrado ou Doutorado	58	2,50	,707	,093
P3_6_11	1º ano Lic	94	1,60	,884	,091
	Mestrado ou Doutorado	58	1,59	1,009	,133
P3_6_12	1º ano Lic	95	2,14	,941	,097
	Mestrado ou Doutorado	58	2,29	,937	,123
P3_6_13	1º ano Lic	94	1,47	,864	,089
	Mestrado ou Doutorado	59	1,36	,663	,086
P3_6_14	1º ano Lic	95	1,71	,861	,088
	Mestrado ou Doutorado	59	1,53	,935	,122
P3_6_15	1º ano Lic	95	1,69	,946	,097
	Mestrado ou Doutorado	59	1,59	,812	,106
Metais_media	1º ano Lic	94	2,1950	,50661	,05225
	Mestrado ou Doutorado	59	2,2373	,44657	,05814

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
P3_6_01	Equal variances assumed	,597	,441	-1,272	151
	Equal variances not assumed			-1,293	129,945
P3_6_02	Equal variances assumed	2,356	,127	-1,298	152
	Equal variances not assumed			-1,323	130,676
P3_6_03	Equal variances assumed	,003	,953	-,228	152
	Equal variances not assumed			-,228	124,421
P3_6_04	Equal variances assumed	,153	,696	,482	152
	Equal variances not assumed			,488	127,815
P3_6_05	Equal variances assumed	1,927	,167	,115	144
	Equal variances not assumed			,111	100,984
P3_6_06	Equal variances assumed	,356	,552	1,072	152
	Equal variances not assumed			1,058	117,989
P3_6_07	Equal variances assumed	7,651	,006	2,432	150
	Equal variances not assumed			2,546	140,877
P3_6_08	Equal variances assumed	7,146	,008	-1,300	152
	Equal variances not assumed			-1,403	149,022
P3_6_09	Equal variances assumed	3,905	,050	,214	151
	Equal variances not assumed			,224	141,270
P3_6_10	Equal variances assumed	1,038	,310	-,837	150
	Equal variances not assumed			-,860	131,287
P3_6_11	Equal variances assumed	2,113	,148	,061	150
	Equal variances not assumed			,059	108,766

**Independent Samples Test**

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
P3_6_01	Equal variances assumed	,205	-,153	,120
	Equal variances not assumed	,198	-,153	,118
P3_6_02	Equal variances assumed	,196	-,132	,102
	Equal variances not assumed	,188	-,132	,100
P3_6_03	Equal variances assumed	,820	-,027	,118
	Equal variances not assumed	,820	-,027	,117
P3_6_04	Equal variances assumed	,630	,064	,132
	Equal variances not assumed	,626	,064	,131
P3_6_05	Equal variances assumed	,909	,015	,130
	Equal variances not assumed	,912	,015	,135
P3_6_06	Equal variances assumed	,285	,141	,131
	Equal variances not assumed	,292	,141	,133
P3_6_07	Equal variances assumed	,016	,316	,130
	Equal variances not assumed	,012	,316	,124
P3_6_08	Equal variances assumed	,196	-,143	,110
	Equal variances not assumed	,163	-,143	,102
P3_6_09	Equal variances assumed	,831	,027	,127
	Equal variances not assumed	,823	,027	,121
P3_6_10	Equal variances assumed	,404	-,106	,127
	Equal variances not assumed	,391	-,106	,124
P3_6_11	Equal variances assumed	,951	,010	,156
	Equal variances not assumed	,953	,010	,161

**Independent Samples Test**

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
P3_6_01	Equal variances assumed	-,390	,085
	Equal variances not assumed	-,387	,081
P3_6_02	Equal variances assumed	-,334	,069
	Equal variances not assumed	-,330	,066
P3_6_03	Equal variances assumed	-,259	,206
	Equal variances not assumed	-,259	,205
P3_6_04	Equal variances assumed	-,197	,325
	Equal variances not assumed	-,195	,322
P3_6_05	Equal variances assumed	-,243	,273
	Equal variances not assumed	-,254	,284
P3_6_06	Equal variances assumed	-,119	,401
	Equal variances not assumed	-,123	,405
P3_6_07	Equal variances assumed	,059	,573
	Equal variances not assumed	,071	,562
P3_6_08	Equal variances assumed	-,362	,075
	Equal variances not assumed	-,345	,059
P3_6_09	Equal variances assumed	-,223	,277
	Equal variances not assumed	-,212	,266
P3_6_10	Equal variances assumed	-,358	,145
	Equal variances not assumed	-,351	,138
P3_6_11	Equal variances assumed	-,298	,318
	Equal variances not assumed	-,309	,328

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
P3_6_12	Equal variances assumed	,004	,952	-,998	151
	Equal variances not assumed			-,999	121,008
P3_6_13	Equal variances assumed	6,744	,010	,852	151
	Equal variances not assumed			,904	144,840
P3_6_14	Equal variances assumed	1,281	,259	1,219	152
	Equal variances not assumed			1,195	115,459
P3_6_15	Equal variances assumed	2,648	,106	,683	152
	Equal variances not assumed			,707	136,968
Metais_media	Equal variances assumed	,555	,458	-,525	151
	Equal variances not assumed			-,541	134,723

**Independent Samples Test**

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
P3_6_12	Equal variances assumed	,320	-,156	,157
	Equal variances not assumed	,320	-,156	,156
P3_6_13	Equal variances assumed	,396	,112	,132
	Equal variances not assumed	,368	,112	,124
P3_6_14	Equal variances assumed	,225	,180	,148
	Equal variances not assumed	,234	,180	,150
P3_6_15	Equal variances assumed	,496	,102	,149
	Equal variances not assumed	,481	,102	,144
Metais_media	Equal variances assumed	,600	-,04225	,08046
	Equal variances not assumed	,590	-,04225	,07817

### Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
P3_6_12	Equal variances assumed	-,466	,153
	Equal variances not assumed	-,466	,153
P3_6_13	Equal variances assumed	-,148	,372
	Equal variances not assumed	-,133	,357
P3_6_14	Equal variances assumed	-,112	,471
	Equal variances not assumed	-,118	,478
P3_6_15	Equal variances assumed	-,192	,395
	Equal variances not assumed	-,182	,385
Metais_media	Equal variances assumed	-,20123	,11672
	Equal variances not assumed	-,19685	,11235

FREQUENCIES VARIABLES=MP\_12  
/ORDER=ANALYSIS.

## Frequencies

### Statistics

MP\_12

N	Valid	287
	Missing	0

### MP\_12

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	escolhido	176	61,3	61,3	61,3
	não escolhido	111	38,7	38,7	100,0
Total		287	100,0	100,0	

FREQUENCIES VARIABLES=MP\_07  
/ORDER=ANALYSIS.

## Frequencies

### Statistics

MP\_07

N	Valid	287
	Missing	0

MP\_07

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	escolhido	231	80,5	80,5	80,5
	não escolhido	56	19,5	19,5	100,0
Total		287	100,0	100,0	

NPAR TESTS

/BINOMIAL (0.693)=MP\_12

/MISSING ANALYSIS.

### NPar Tests

#### Binomial Test

		Category	N	Observed Prop.	Test Prop.	Asymp. Sig. (1-tailed)
MP_12	Group 1	não escolhido	111	,387	,693	,000 <sup>a,b</sup>
	Group 2	escolhido	176	,613		
Total			287	1,000		

a. Alternative hypothesis states that the proportion of cases in the first group < ,693.

b. Based on Z Approximation.

NPAR TESTS

/BINOMIAL (0.195)=MP\_12

/MISSING ANALYSIS.

### NPar Tests

#### Binomial Test

		Category	N	Observed Prop.	Test Prop.	Asymp. Sig. (1-tailed)
MP_12	Group 1	não escolhido	111	,387	,195	,000 <sup>a</sup>
	Group 2	escolhido	176	,613		
Total			287	1,000		

a. Based on Z Approximation.

### Frequencies

**Statistics**

		MP_04	MP_11
N	Valid	287	287
	Missing	0	0

**Frequency Table**

**MP\_04**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	escolhido	199	69,3	69,3	69,3
	não escolhido	88	30,7	30,7	100,0
Total		287	100,0	100,0	

**MP\_11**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	184	64,1	64,1	64,1
	2	103	35,9	35,9	100,0
Total		287	100,0	100,0	

**NPar Tests**

**Binomial Test**

		Category	N	Observed Prop.	Test Prop.	Asymp. Sig. (1-tailed)
MP_11	Group 1	não escolhido	103	,359	,195	,000 <sup>a</sup>
	Group 2	escolhido	184	,641		
Total			287	1,000		

a. Based on Z Approximation.

NPAR TESTS

/BINOMIAL (0.307)=MP\_11

/MISSING ANALYSIS.

**NPar Tests**

**Binomial Test**

		Category	N	Observed Prop.	Test Prop.	Asymp. Sig. (1-tailed)
MP_11	Group 1	não escolhido	103	,359	,307	,034 <sup>a</sup>
	Group 2	escolhido	184	,641		
	Total		287	1,000		

a. Based on Z Approximation.

NPART TESTS

```
/BINOMIAL (0.307)=MP_04
/MISSING ANALYSIS.
```

**NPar Tests**

**Binomial Test**

		Category	N	Observed Prop.	Test Prop.	Asymp. Sig. (1-tailed)
MP_04	Group 1	não escolhido	88	,307	,307	,523 <sup>a,b</sup>
	Group 2	escolhido	199	,693		
	Total		287	1,000		

a. Alternative hypothesis states that the proportion of cases in the first group < ,307.

b. Based on Z Approximation.

FREQUENCIES VARIABLES=MP\_07

```
/ORDER=ANALYSIS.
```

**Frequencies**

**Statistics**

MP\_07

N	Valid	287
	Missing	0

**MP\_07**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	escolhido	231	80,5	80,5	80,5
	não escolhido	56	19,5	19,5	100,0
Total		287	100,0	100,0	

NPART TESTS

```
/BINOMIAL (0.1957)=MP_04
/MISSING ANALYSIS.
```

## NPar Tests

### Binomial Test

	Category	N	Observed Prop.	Test Prop.	Asymp. Sig. (1-tailed)
MP_04	Group 1	não escolhido	88	,3066	,000 <sup>a</sup>
	Group 2	escolhido	199	,6934	
	Total	287	1,0000		

a. Based on Z Approximation.

## Frequencies

### Statistics

		ML_09	ML_01
N	Valid	287	287
	Missing	0	0

## Frequency Table

### ML\_09

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	escolhido	227	79,1	79,1	79,1
	não escolhido	60	20,9	20,9	100,0
	Total	287	100,0	100,0	

### ML\_01

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	escolhido	172	59,9	59,9	59,9
	não escolhido	115	40,1	40,1	100,0
	Total	287	100,0	100,0	

## NPar Tests

### Binomial Test

	Category	N	Observed Prop.	Test Prop.	Exact Sig. (1-tailed)
MP_01	Group 1	1	1,000	,209	,000
	Total	10	1,000		

NPAR TESTS

/BINOMIAL (0.209)=ML\_01

/MISSING ANALYSIS.

## NPar Tests

### Binomial Test

	Category	N	Observed Prop.	Test Prop.	Asymp. Sig. (1-tailed)
ML_01	Group 1	não escolhido	115	,401	,000 <sup>a</sup>
	Group 2	escolhido	172	,599	
	Total	287	1,000		

a. Based on Z Approximation.

```
FREQUENCIES VARIABLES=ML_03
/ORDER=ANALYSIS.
```

## Frequencies

### Statistics

ML\_03

N	Valid	287
	Missing	0

### ML\_03

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	escolhido	130	45,3	45,3
	não escolhido	157	54,7	100,0
	Total	287	100,0	100,0

```
NPAR TESTS
```

```
/BINOMIAL (0.547)=ML_01
/MISSING ANALYSIS.
```

## NPar Tests

### Binomial Test

	Category	N	Observed Prop.	Test Prop.	Asymp. Sig. (1-tailed)
ML_01	Group 1	não escolhido	115	,401	,000 <sup>a,b</sup>
	Group 2	escolhido	172	,599	
	Total	287	1,000		

a. Alternative hypothesis states that the proportion of cases in the first group < ,547.

b. Based on Z Approximation.

```
FREQUENCIES VARIABLES=ML_10
/ORDER=ANALYSIS.
```

## Frequencies

### Statistics

ML\_10

N	Valid	287
	Missing	0

### ML\_10

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	escolhido	211	73,5	73,5	73,5
	não escolhido	76	26,5	26,5	100,0
Total		287	100,0	100,0	

NPAR TESTS

/BINOMIAL (0.265)=ML\_03

/MISSING ANALYSIS.

## NPar Tests

### Binomial Test

		Category	N	Observed Prop.	Test Prop.	Asymp. Sig. (1-tailed)
ML_03	Group 1	não escolhido	157	,547038	,265000	,000 <sup>a</sup>
	Group 2	escolhido	130	,452962		
Total			287	1,000000		

a. Based on Z Approximation.

T-TEST PAIRS=P4\_2\_M8 WITH P4\_2\_G9 (PAIRED)

/CRITERIA=CI (.9500)

/MISSING=ANALYSIS.

## T-Test

### Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	P4_2_M8	2,61	263	1,116	,069
	P4_2_G9	2,28	263	1,082	,067

### Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	P4_2_M8 & P4_2_G9	263	,298	,000

**Paired Samples Test**

		Paired Differences		
		Mean	Std. Deviation	Std. Error Mean
Pair 1	P4_2_M8 - P4_2_G9	,335	1,303	,080

**Paired Samples Test**

		Paired Differences		t	df	Sig. (2-tailed)
		95% Confidence Interval of the Difference				
		Lower	Upper			
Pair 1	P4_2_M8 - P4_2_G9	,176	,493	4,166	262	,000

T-TEST PAIRS=P4\_2\_Q3 WITH P4\_2\_R1 (PAIRED)  
 /CRITERIA=CI (.9500)  
 /MISSING=ANALYSIS.

**T-Test**

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	P4_2_Q3	4,01	274	1,295	,078
	P4_2_R1	3,88	274	1,212	,073

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	P4_2_Q3 & P4_2_R1	274	,764	,000

**Paired Samples Test**

		Paired Differences		
		Mean	Std. Deviation	Std. Error Mean
Pair 1	P4_2_Q3 - P4_2_R1	,135	,864	,052

**Paired Samples Test**

		Paired Differences		t	df	Sig. (2-tailed)
		95% Confidence Interval of the Difference				
		Lower	Upper			
Pair 1	P4_2_Q3 - P4_2_R1	,032	,238	2,586	273	,010

T-TEST PAIRS=P4\_2\_H2 WITH P4\_2\_M8 (PAIRED)  
 /CRITERIA=CI (.9500)  
 /MISSING=ANALYSIS.

## T-Test

**Paired Samples Statistics**

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 P4_2_H2	2,25	267	1,062	,065
P4_2_M8	2,59	267	1,115	,068

**Paired Samples Correlations**

	N	Correlation	Sig.
Pair 1 P4_2_H2 & P4_2_M8	267	,415	,000

**Paired Samples Test**

	Paired Differences		
	Mean	Std. Deviation	Std. Error Mean
Pair 1 P4_2_H2 - P4_2_M8	-,337	1,179	,072

**Paired Samples Test**

	Paired Differences		t	df	Sig. (2-tailed)
	95% Confidence Interval of the Difference				
	Lower	Upper			
Pair 1 P4_2_H2 - P4_2_M8	-,479	-,195	-4,672	266	,000

```
T-TEST PAIRS=P4_2_G9 WITH P4_2_J2 (PAIRED)
/CRITERIA=CI(.9500)
/MISSING=ANALYSIS.
```

## T-Test

**Paired Samples Statistics**

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 P4_2_G9	2,29	252	1,074	,068
P4_2_J2	2,37	252	,996	,063

**Paired Samples Correlations**

	N	Correlation	Sig.
Pair 1 P4_2_G9 & P4_2_J2	252	,340	,000

**Paired Samples Test**

		Paired Differences		
		Mean	Std. Deviation	Std. Error Mean
Pair 1	P4_2_G9 - P4_2_J2	-,087	1,191	,075

**Paired Samples Test**

		Paired Differences		t	df	Sig. (2-tailed)
		95% Confidence Interval of the Difference				
		Lower	Upper			
Pair 1	P4_2_G9 - P4_2_J2	-,235	,060	-1,164	251	,246

T-TEST PAIRS=P4\_2\_C3 WITH P4\_2\_H2 (PAIRED)  
 /CRITERIA=CI(.9500)  
 /MISSING=ANALYSIS.

**T-Test**

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	P4_2_C3	2,11	271	,865	,053
	P4_2_H2	2,28	271	1,073	,065

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	P4_2_C3 & P4_2_H2	271	,187	,002

**Paired Samples Test**

		Paired Differences		
		Mean	Std. Deviation	Std. Error Mean
Pair 1	P4_2_C3 - P4_2_H2	-,177	1,246	,076

**Paired Samples Test**

		Paired Differences		t	df	Sig. (2-tailed)
		95% Confidence Interval of the Difference				
		Lower	Upper			
Pair 1	P4_2_C3 - P4_2_H2	-,326	-,028	-2,339	270	,020

T-TEST PAIRS=P4\_2\_M8 WITH P4\_2\_d2 (PAIRED)  
 /CRITERIA=CI(.9500)  
 /MISSING=ANALYSIS.

## T-Test

**Paired Samples Statistics**

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 P4_2_M8	2,58	269	1,119	,068
P4_2_d2	2,21	269	,939	,057

**Paired Samples Correlations**

	N	Correlation	Sig.
Pair 1 P4_2_M8 & P4_2_d2	269	,175	,004

**Paired Samples Test**

	Paired Differences		
	Mean	Std. Deviation	Std. Error Mean
Pair 1 P4_2_M8 - P4_2_d2	,375	1,329	,081

**Paired Samples Test**

	Paired Differences		t	df	Sig. (2-tailed)
	95% Confidence Interval of the Difference				
	Lower	Upper			
Pair 1 P4_2_M8 - P4_2_d2	,216	,535	4,635	268	,000

T-TEST PAIRS=P4\_2\_F3 WITH P4\_2\_C3 (PAIRED)  
 /CRITERIA=CI(.9500)  
 /MISSING=ANALYSIS.

## T-Test

**Paired Samples Statistics**

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 P4_2_F3	2,09	275	1,018	,061
P4_2_C3	2,13	275	,864	,052

**Paired Samples Correlations**

	N	Correlation	Sig.
Pair 1 P4_2_F3 & P4_2_C3	275	,240	,000

**Paired Samples Test**

		Paired Differences		
		Mean	Std. Deviation	Std. Error Mean
Pair 1	P4_2_F3 - P4_2_C3	-,040	1,166	,070

**Paired Samples Test**

		Paired Differences		t	df	Sig. (2-tailed)
		95% Confidence Interval of the Difference				
		Lower	Upper			
Pair 1	P4_2_F3 - P4_2_C3	-,178	,098	-,569	274	,570

T-TEST PAIRS=P4\_2\_G9 WITH P4\_2\_W (PAIRED)  
 /CRITERIA=CI (.9500)  
 /MISSING=ANALYSIS.

**T-Test**

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	P4_2_G9	2,28	268	1,075	,066
	P4_2_W	3,23	268	1,111	,068

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	P4_2_G9 & P4_2_W	268	-,027	,661

**Paired Samples Test**

		Paired Differences		
		Mean	Std. Deviation	Std. Error Mean
Pair 1	P4_2_G9 - P4_2_W	-,948	1,567	,096

**Paired Samples Test**

		Paired Differences		t	df	Sig. (2-tailed)
		95% Confidence Interval of the Difference				
		Lower	Upper			
Pair 1	P4_2_G9 - P4_2_W	-1,136	-,759	-9,904	267	,000

GET

DATASET NAME DataSet1 WINDOW=FRONT.

SORT CASES BY Agr\_07(A).

CROSSTABS

/TABLES=Sexo BY Agr\_07

/FORMAT=AVALUE TABLES

/STATISTICS=CHISQ

/CELLS=COUNT ROW COLUMN TOTAL

/COUNT ROUND CELL.

## Crosstabs

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Sexo * Agr_07	287	100,0%	0	,0%	287	100,0%

### Sexo \* Agr\_07 Crosstabulation

			Agr_07		Total
			escolhido	não escolhido	
Sexo	Feminino	Count	78	78	156
		% within Sexo	50,0%	50,0%	100,0%
		% within Agr_07	55,7%	53,1%	54,4%
		% of Total	27,2%	27,2%	54,4%
Masculino		Count	62	69	131
		% within Sexo	47,3%	52,7%	100,0%
		% within Agr_07	44,3%	46,9%	45,6%
		% of Total	21,6%	24,0%	45,6%
Total		Count	140	147	287
		% within Sexo	48,8%	51,2%	100,0%
		% within Agr_07	100,0%	100,0%	100,0%
		% of Total	48,8%	51,2%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,203 <sup>a</sup>	1	,652		
Continuity Correction <sup>b</sup>	,111	1	,740		
Likelihood Ratio	,203	1	,652		
Fisher's Exact Test				,722	,370
Linear-by-Linear Association	,203	1	,653		
N of Valid Cases	287				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 63,90.

b. Computed only for a 2x2 table

`SORT CASES BY Tec_12(A).`

`CROSSTABS`

`/TABLES=Sexo BY Tec_12`

`/FORMAT=AVALUE TABLES`

`/STATISTICS=CHISQ`

`/CELLS=COUNT ROW COLUMN TOTAL`

`/COUNT ROUND CELL.`

## Crosstabs

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Sexo * Tec_12	287	100,0%	0	,0%	287	100,0%

**Sexo \* Tec\_12 Crosstabulation**

			Tec_12		Total
			escolhido	não escolhido	
Sexo	Feminino	Count	68	88	156
		% within Sexo	43,6%	56,4%	100,0%
		% within Tec_12	53,1%	55,3%	54,4%
		% of Total	23,7%	30,7%	54,4%
	Masculino	Count	60	71	131
		% within Sexo	45,8%	54,2%	100,0%
		% within Tec_12	46,9%	44,7%	45,6%
		% of Total	20,9%	24,7%	45,6%
Total		Count	128	159	287
		% within Sexo	44,6%	55,4%	100,0%
		% within Tec_12	100,0%	100,0%	100,0%
		% of Total	44,6%	55,4%	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,141 <sup>a</sup>	1	,707		
Continuity Correction <sup>b</sup>	,066	1	,798		
Likelihood Ratio	,141	1	,707		
Fisher's Exact Test				,722	,399
Linear-by-Linear Association	,140	1	,708		
N of Valid Cases	287				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 58,43.

b. Computed only for a 2x2 table

`SORT CASES BY Ostent_11(A).`

`/COMPRESSED.`

`CROSSTABS`

`/TABLES=Sexo BY Ostent_11`

`/FORMAT=AVALUE TABLES`

`/STATISTICS=CHISQ`

`/CELLS=COUNT ROW COLUMN TOTAL`

`/COUNT ROUND CELL.`

## Crosstabs

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Sexo * Ostent_11	287	100,0%	0	,0%	287	100,0%

### Sexo \* Ostent\_11 Crosstabulation

			Ostent_11		Total
			escolhido	não escolhido	
Sexo	Feminino	Count	66	90	156
		% within Sexo	42,3%	57,7%	100,0%
		% within Ostent_11	57,4%	52,3%	54,4%
		% of Total	23,0%	31,4%	54,4%
	Masculino	Count	49	82	131
		% within Sexo	37,4%	62,6%	100,0%
		% within Ostent_11	42,6%	47,7%	45,6%
		% of Total	17,1%	28,6%	45,6%
Total		Count	115	172	287
		% within Sexo	40,1%	59,9%	100,0%
		% within Ostent_11	100,0%	100,0%	100,0%
		% of Total	40,1%	59,9%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,713 <sup>a</sup>	1	,399		
Continuity Correction <sup>b</sup>	,523	1	,469		
Likelihood Ratio	,714	1	,398		
Fisher's Exact Test				,468	,235
Linear-by-Linear Association	,710	1	,399		
N of Valid Cases	287				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 52,49.

b. Computed only for a 2x2 table

SORT CASES BY Pedra\_06(A).

/COMPRESSED.

CROSSTABS

```

/TABLES=Escolaridade_2 BY Ostent_11
/FORMAT=AVALUE TABLES
/STATISTICS=CHISQ
/CELLS=COUNT ROW COLUMN TOTAL
/COUNT ROUND CELL.

```

## Crosstabs

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Escolaridade_2 * Ostent_11	154	53,7%	133	46,3%	287	100,0%

### Escolaridade\_2 \* Ostent\_11 Crosstabulation

			Ostent_11	
			escolhido	não escolhido
Escolaridade_2	1º ano Lic	Count	39	56
		% within Escolaridade_2	41,1%	58,9%
		% within Ostent_11	57,4%	65,1%
		% of Total	25,3%	36,4%
Mestrado ou Doutorado		Count	29	30
		% within Escolaridade_2	49,2%	50,8%
		% within Ostent_11	42,6%	34,9%
		% of Total	18,8%	19,5%
Total		Count	68	86
		% within Escolaridade_2	44,2%	55,8%
		% within Ostent_11	100,0%	100,0%
		% of Total	44,2%	55,8%

**Escolaridade\_2 \* Ostent\_11 Crosstabulation**

			Total
Escolaridade_2	1º ano Lic	Count	95
		% within Escolaridade_2	100,0%
		% within Ostent_11	61,7%
		% of Total	61,7%
	Mestrado ou Doutorado	Count	59
		% within Escolaridade_2	100,0%
		% within Ostent_11	38,3%
		% of Total	38,3%
Total		Count	154
		% within Escolaridade_2	100,0%
		% within Ostent_11	100,0%
		% of Total	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,968 <sup>a</sup>	1	,325		
Continuity Correction <sup>b</sup>	,668	1	,414		
Likelihood Ratio	,967	1	,325		
Fisher's Exact Test				,404	,207
Linear-by-Linear Association	,962	1	,327		
N of Valid Cases	154				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 26,05.

b. Computed only for a 2x2 table

**Crosstabs**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Escolaridade_2 * Met_06	154	53,7%	133	46,3%	287	100,0%

**Escolaridade\_2 \* Met\_06 Crosstabulation**

			Met_06	
			escolhido	não escolhido
Escolaridade_2	1º ano Lic	Count	23	72
		% within Escolaridade_2	24,2%	75,8%
		% within Met_06	53,5%	64,9%
		% of Total	14,9%	46,8%
	Mestrado ou Doutorado	Count	20	39
		% within Escolaridade_2	33,9%	66,1%
		% within Met_06	46,5%	35,1%
		% of Total	13,0%	25,3%
Total		Count	43	111
		% within Escolaridade_2	27,9%	72,1%
		% within Met_06	100,0%	100,0%
		% of Total	27,9%	72,1%

**Escolaridade\_2 \* Met\_06 Crosstabulation**

			Total
Escolaridade_2	1º ano Lic	Count	95
		% within Escolaridade_2	100,0%
		% within Met_06	61,7%
		% of Total	61,7%
	Mestrado ou Doutorado	Count	59
		% within Escolaridade_2	100,0%
		% within Met_06	38,3%
		% of Total	38,3%
Total		Count	154
		% within Escolaridade_2	100,0%
		% within Met_06	100,0%
		% of Total	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,697 <sup>a</sup>	1	,193		
Continuity Correction <sup>b</sup>	1,250	1	,264		
Likelihood Ratio	1,676	1	,195		
Fisher's Exact Test				,202	,132
Linear-by-Linear Association	1,686	1	,194		
N of Valid Cases	154				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 16,47.

b. Computed only for a 2x2 table

`SORT CASES BY Plast_03(A).`

`CROSSTABS`

`/TABLES=Escolaridade_2 BY Plast_03`

`/FORMAT=AVALUE TABLES`

`/STATISTICS=CHISQ`

`/CELLS=COUNT ROW COLUMN TOTAL`

`/COUNT ROUND CELL.`

### Crosstabs

#### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Escolaridade_2 * Plast_03	154	53,7%	133	46,3%	287	100,0%

**Escolaridade\_2 \* Plast\_03 Crosstabulation**

			Plast_03	
			escolhido	não escolhido
Escolaridade_2	1º ano Lic	Count	87	8
		% within Escolaridade_2	91,6%	8,4%
		% within Plast_03	61,7%	61,5%
		% of Total	56,5%	5,2%
Mestrado ou Doutoramento		Count	54	5
		% within Escolaridade_2	91,5%	8,5%
		% within Plast_03	38,3%	38,5%
		% of Total	35,1%	3,2%
Total		Count	141	13
		% within Escolaridade_2	91,6%	8,4%
		% within Plast_03	100,0%	100,0%
		% of Total	91,6%	8,4%

**Escolaridade\_2 \* Plast\_03 Crosstabulation**

			Total
Escolaridade_2	1º ano Lic	Count	95
		% within Escolaridade_2	100,0%
		% within Plast_03	61,7%
		% of Total	61,7%
Mestrado ou Doutoramento		Count	59
		% within Escolaridade_2	100,0%
		% within Plast_03	38,3%
		% of Total	38,3%
Total		Count	154
		% within Escolaridade_2	100,0%
		% within Plast_03	100,0%
		% of Total	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,000 <sup>a</sup>	1	,991		
Continuity Correction <sup>b</sup>	,000	1	1,000		
Likelihood Ratio	,000	1	,991		
Fisher's Exact Test				1,000	,605
Linear-by-Linear Association	,000	1	,991		
N of Valid Cases	154				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 4,98.

b. Computed only for a 2x2 table

### Crosstabs

#### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Escolaridade_2 * Met_04	154	53,7%	133	46,3%	287	100,0%

#### Escolaridade\_2 \* Met\_04 Crosstabulation

			Met_04	
			escolhido	não escolhido
Escolaridade_2	1º ano Lic	Count	67	28
		% within Escolaridade_2	70,5%	29,5%
		% within Met_04	58,3%	71,8%
		% of Total	43,5%	18,2%
Mestrado ou Doutorado		Count	48	11
		% within Escolaridade_2	81,4%	18,6%
		% within Met_04	41,7%	28,2%
		% of Total	31,2%	7,1%
Total		Count	115	39
		% within Escolaridade_2	74,7%	25,3%
		% within Met_04	100,0%	100,0%
		% of Total	74,7%	25,3%

**Escolaridade\_2 \* Met\_04 Crosstabulation**

			Total
Escolaridade_2	1º ano Lic	Count	95
		% within Escolaridade_2	100,0%
		% within Met_04	61,7%
		% of Total	61,7%
	Mestrado ou Doutorado	Count	59
		% within Escolaridade_2	100,0%
		% within Met_04	38,3%
		% of Total	38,3%
Total		Count	154
		% within Escolaridade_2	100,0%
		% within Met_04	100,0%
		% of Total	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2,257 <sup>a</sup>	1	,133		
Continuity Correction <sup>b</sup>	1,721	1	,190		
Likelihood Ratio	2,324	1	,127		
Fisher's Exact Test				,182	,094
Linear-by-Linear Association	2,242	1	,134		
N of Valid Cases	154				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 14,94.

b. Computed only for a 2x2 table

```

SORT CASES BY Met_01(A).
'
/COMPRESSED.
CROSSTABS
  /TABLES=Escolaridade_2 BY Met_01
  /FORMAT=AVALUE TABLES
  /STATISTICS=CHISQ
  /CELLS=COUNT ROW COLUMN TOTAL
  /COUNT ROUND CELL.
    
```

**Crosstabs**

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Escolaridade_2 * Met_01	154	53,7%	133	46,3%	287	100,0%

### Escolaridade\_2 \* Met\_01 Crosstabulation

			Met_01	
			escolhido	não escolhido
Escolaridade_2	1º ano Lic	Count	32	63
		% within Escolaridade_2	33,7%	66,3%
		% within Met_01	45,7%	75,0%
		% of Total	20,8%	40,9%
Mestrado ou Doutorado	Mestrado ou Doutorado	Count	38	21
		% within Escolaridade_2	64,4%	35,6%
		% within Met_01	54,3%	25,0%
		% of Total	24,7%	13,6%
Total	Total	Count	70	84
		% within Escolaridade_2	45,5%	54,5%
		% within Met_01	100,0%	100,0%
		% of Total	45,5%	54,5%

### Escolaridade\_2 \* Met\_01 Crosstabulation

			Total
Escolaridade_2	1º ano Lic	Count	95
		% within Escolaridade_2	100,0%
		% within Met_01	61,7%
		% of Total	61,7%
Mestrado ou Doutorado	Mestrado ou Doutorado	Count	59
		% within Escolaridade_2	100,0%
		% within Met_01	38,3%
		% of Total	38,3%
Total	Total	Count	154
		% within Escolaridade_2	100,0%
		% within Met_01	100,0%
		% of Total	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	13,856 <sup>a</sup>	1	,000		
Continuity Correction <sup>b</sup>	12,644	1	,000		
Likelihood Ratio	13,997	1	,000		
Fisher's Exact Test				,000	,000
Linear-by-Linear Association	13,766	1	,000		
N of Valid Cases	154				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 26,82.

b. Computed only for a 2x2 table

### Crosstabs

#### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Escolaridade_2 * Met_10	154	53,7%	133	46,3%	287	100,0%

#### Escolaridade\_2 \* Met\_10 Crosstabulation

			Met_10	
			escolhido	não escolhido
Escolaridade_2	1º ano Lic	Count	73	22
		% within Escolaridade_2	76,8%	23,2%
		% within Met_10	58,4%	75,9%
		% of Total	47,4%	14,3%
Mestrado ou Doutorado		Count	52	7
		% within Escolaridade_2	88,1%	11,9%
		% within Met_10	41,6%	24,1%
		% of Total	33,8%	4,5%
Total		Count	125	29
		% within Escolaridade_2	81,2%	18,8%
		% within Met_10	100,0%	100,0%
		% of Total	81,2%	18,8%

**Escolaridade\_2 \* Met\_10 Crosstabulation**

			Total
Escolaridade_2	1º ano Lic	Count	95
		% within Escolaridade_2	100,0%
		% within Met_10	61,7%
		% of Total	61,7%
	Mestrado ou Doutorado	Count	59
		% within Escolaridade_2	100,0%
		% within Met_10	38,3%
		% of Total	38,3%
Total		Count	154
		% within Escolaridade_2	100,0%
		% within Met_10	100,0%
		% of Total	100,0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	3,037 <sup>a</sup>	1	,081		
Continuity Correction <sup>b</sup>	2,343	1	,126		
Likelihood Ratio	3,199	1	,074		
Fisher's Exact Test				,093	,061
Linear-by-Linear Association	3,017	1	,082		
N of Valid Cases	154				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 11,11.

b. Computed only for a 2x2 table

`SORT CASES BY Plast_08(A).`

`CROSSTABS`

`/TABLES=Escolaridade_2 BY Plast_08`

`/FORMAT=AVALUE TABLES`

`/STATISTICS=CHISQ`

`/CELLS=COUNT ROW COLUMN TOTAL`

`/COUNT ROUND CELL.`

**Crosstabs**

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Escolaridade_2 * Plast_08	154	53,7%	133	46,3%	287	100,0%

**Escolaridade\_2 \* Plast\_08 Crosstabulation**

			Plast_08	
			escolhido	não escolhido
Escolaridade_2	1º ano Lic	Count	54	41
		% within Escolaridade_2	56,8%	43,2%
		% within Plast_08	60,0%	64,1%
		% of Total	35,1%	26,6%
Mestrado ou Doutoramento		Count	36	23
		% within Escolaridade_2	61,0%	39,0%
		% within Plast_08	40,0%	35,9%
		% of Total	23,4%	14,9%
Total		Count	90	64
		% within Escolaridade_2	58,4%	41,6%
		% within Plast_08	100,0%	100,0%
		% of Total	58,4%	41,6%

**Escolaridade\_2 \* Plast\_08 Crosstabulation**

			Total
Escolaridade_2	1º ano Lic	Count	95
		% within Escolaridade_2	100,0%
		% within Plast_08	61,7%
		% of Total	61,7%
Mestrado ou Doutoramento		Count	59
		% within Escolaridade_2	100,0%
		% within Plast_08	38,3%
		% of Total	38,3%
Total		Count	154
		% within Escolaridade_2	100,0%
		% within Plast_08	100,0%
		% of Total	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,261 <sup>a</sup>	1	,609		
Continuity Correction <sup>b</sup>	,118	1	,732		
Likelihood Ratio	,262	1	,609		
Fisher's Exact Test				,619	,367
Linear-by-Linear Association	,259	1	,610		
N of Valid Cases	154				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 24,52.

b. Computed only for a 2x2 table

FREQUENCIES VARIABLES=Peso\_01 Peso\_02 Peso\_03 Peso\_04 Peso\_05 Peso\_06  
/ORDER=ANALYSIS.

### Frequencies

#### Statistics

		Peso_01	Peso_02	Peso_03	Peso_04	Peso_05	Peso_06
N	Valid	286	286	285	285	286	286
	Missing	1	1	2	2	1	1

### Frequency Table

#### Peso\_01

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Mão esquerda	242	84,3	84,6	84,6
	Mão direita	44	15,3	15,4	100,0
	Total	286	99,7	100,0	
Missing	System	1	,3		
	Total	287	100,0		

#### Peso\_02

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Mão esquerda	20	7,0	7,0	7,0
	Mão direita	266	92,7	93,0	100,0
	Total	286	99,7	100,0	
Missing	System	1	,3		
	Total	287	100,0		

**Peso\_03**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Mão esquerda	246	85,7	86,3	86,3
	Mão direita	39	13,6	13,7	100,0
	Total	285	99,3	100,0	
Missing	System	2	,7		
Total		287	100,0		

**Peso\_04**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Mão esquerda	186	64,8	65,3	65,3
	Mão direita	99	34,5	34,7	100,0
	Total	285	99,3	100,0	
Missing	System	2	,7		
Total		287	100,0		

**Peso\_05**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Mão esquerda	278	96,9	97,2	97,2
	Mão direita	8	2,8	2,8	100,0
	Total	286	99,7	100,0	
Missing	System	1	,3		
Total		287	100,0		

**Peso\_06**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Mão esquerda	105	36,6	36,7	36,7
	Mão direita	181	63,1	63,3	100,0
	Total	286	99,7	100,0	
Missing	System	1	,3		
Total		287	100,0		

## CROSSTABS

```

/TABLES=Dextro BY Peso_01
/FORMAT=AVALUE TABLES
/STATISTICS=CHISQ
/CELLS=COUNT ROW COLUMN TOTAL
/COUNT ROUND CELL.

```

## Crosstabs

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Dextro * Peso_01	286	99,7%	1	,3%	287	100,0%

### Dextro \* Peso\_01 Crosstabulation

			Peso_01		Total
			Mão esquerda	Mão direita	
Dextro	Canhoto	Count	20	5	25
		% within Dextro	80,0%	20,0%	100,0%
		% within Peso_01	8,3%	11,4%	8,7%
		% of Total	7,0%	1,7%	8,7%
Dextro	Dextro	Count	216	36	252
		% within Dextro	85,7%	14,3%	100,0%
		% within Peso_01	89,3%	81,8%	88,1%
		% of Total	75,5%	12,6%	88,1%
Dextro	Ambidextro	Count	6	3	9
		% within Dextro	66,7%	33,3%	100,0%
		% within Peso_01	2,5%	6,8%	3,1%
		% of Total	2,1%	1,0%	3,1%
Total		Count	242	44	286
		% within Dextro	84,6%	15,4%	100,0%
		% within Peso_01	100,0%	100,0%	100,0%
		% of Total	84,6%	15,4%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	2,870 <sup>a</sup>	2	,238
Likelihood Ratio	2,397	2	,302
Linear-by-Linear Association	,049	1	,824
N of Valid Cases	286		

a. 2 cells (33,3%) have expected count less than 5. The minimum expected count is 1,38.

USE ALL.

COMPUTE filter\_\$=(Dextro < 3).

```

VARIABLE LABEL filter_$ 'Dextro < 3 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
CROSSTABS
  /TABLES=Dextro BY Peso_01
  /FORMAT=AVALUE TABLES
  /STATISTICS=CHISQ
  /CELLS=COUNT ROW COLUMN TOTAL
  /COUNT ROUND CELL.

CROSSTABS
  /TABLES=Dextro BY Peso_02 Peso_03 Peso_04 Peso_05 Peso_06
  /FORMAT=AVALUE TABLES
  /STATISTICS=CHISQ
  /CELLS=COUNT ROW COLUMN TOTAL
  /COUNT ROUND CELL.

CROSSTABS
  /TABLES=Dextro BY Peso_02 Peso_03 Peso_04 Peso_05 Peso_06
  /FORMAT=AVALUE TABLES
  /STATISTICS=CHISQ
  /CELLS=COUNT ROW COLUMN TOTAL
  /COUNT ROUND CELL
  /METHOD=MC CIN(99) SAMPLES(10000).

```

## Crosstabs

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Dextro * Peso_02	277	99,6%	1	,4%	278	100,0%
Dextro * Peso_03	276	99,3%	2	,7%	278	100,0%
Dextro * Peso_04	276	99,3%	2	,7%	278	100,0%
Dextro * Peso_05	277	99,6%	1	,4%	278	100,0%
Dextro * Peso_06	277	99,6%	1	,4%	278	100,0%

### Dextro \* Peso\_02

**Crosstab**

			Peso_02		Total
			Mão esquerda	Mão direita	
Dextro	Canhoto	Count	2	23	25
		% within Dextro	8,0%	92,0%	100,0%
		% within Peso_02	10,0%	8,9%	9,0%
		% of Total	,7%	8,3%	9,0%
Dextro	Dextro	Count	18	234	252
		% within Dextro	7,1%	92,9%	100,0%
		% within Peso_02	90,0%	91,1%	91,0%
		% of Total	6,5%	84,5%	91,0%
Total		Count	20	257	277
		% within Dextro	7,2%	92,8%	100,0%
		% within Peso_02	100,0%	100,0%	100,0%
		% of Total	7,2%	92,8%	100,0%

**Chi-Square Tests<sup>d</sup>**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)
Pearson Chi-Square	,025 <sup>a</sup>	1	,875	1,000
Continuity Correction <sup>b</sup>	,000	1	1,000	
Likelihood Ratio	,024	1	,876	1,000
Fisher's Exact Test				,699
Linear-by-Linear Association	,025 <sup>c</sup>	1	,875	1,000
N of Valid Cases	277			

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 1,81.

b. Computed only for a 2x2 table

c. The standardized statistic is ,158.

d. For 2x2 crosstabulation, exact results are provided instead of Monte Carlo results.

**Chi-Square Tests<sup>d</sup>**

	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	,558	
Continuity Correction <sup>b</sup>		
Likelihood Ratio	,558	
Fisher's Exact Test	,558	
Linear-by-Linear Association	,558	,294
N of Valid Cases		

b. Computed only for a 2x2 table

d. For 2x2 crosstabulation, exact results are provided instead of Monte Carlo results.

**Dextro \* Peso\_03**

**Crosstab**

			Peso_03		Total
			Mão esquerda	Mão direita	
Dextro	Canhoto	Count	21	4	25
		% within Dextro	84,0%	16,0%	100,0%
		% within Peso_03	8,8%	10,8%	9,1%
		% of Total	7,6%	1,4%	9,1%
Dextro	Dextro	Count	218	33	251
		% within Dextro	86,9%	13,1%	100,0%
		% within Peso_03	91,2%	89,2%	90,9%
		% of Total	79,0%	12,0%	90,9%
Total		Count	239	37	276
		% within Dextro	86,6%	13,4%	100,0%
		% within Peso_03	100,0%	100,0%	100,0%
		% of Total	86,6%	13,4%	100,0%

**Chi-Square Tests<sup>d</sup>**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)
Pearson Chi-Square	,159 <sup>a</sup>	1	,690	,757
Continuity Correction <sup>b</sup>	,008	1	,927	
Likelihood Ratio	,152	1	,696	,757
Fisher's Exact Test				,757
Linear-by-Linear Association	,159 <sup>c</sup>	1	,690	,757
N of Valid Cases	276			

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 3,35.

b. Computed only for a 2x2 table

c. The standardized statistic is -,398.

d. For 2x2 crosstabulation, exact results are provided instead of Monte Carlo results.

**Chi-Square Tests<sup>d</sup>**

	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	,439	
Continuity Correction <sup>b</sup>		
Likelihood Ratio	,439	
Fisher's Exact Test	,439	
Linear-by-Linear Association	,439	,209
N of Valid Cases		

b. Computed only for a 2x2 table

d. For 2x2 crosstabulation, exact results are provided instead of Monte Carlo results.

**Dextro \* Peso\_04**

**Crosstab**

			Peso_04		Total
			Mão esquerda	Mão direita	
Dextro	Canhoto	Count	15	10	25
		% within Dextro	60,0%	40,0%	100,0%
		% within Peso_04	8,2%	10,6%	9,1%
		% of Total	5,4%	3,6%	9,1%
Dextro	Dextro	Count	167	84	251
		% within Dextro	66,5%	33,5%	100,0%
		% within Peso_04	91,8%	89,4%	90,9%
		% of Total	60,5%	30,4%	90,9%
Total		Count	182	94	276
		% within Dextro	65,9%	34,1%	100,0%
		% within Peso_04	100,0%	100,0%	100,0%
		% of Total	65,9%	34,1%	100,0%

**Chi-Square Tests<sup>d</sup>**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)
Pearson Chi-Square	,432 <sup>a</sup>	1	,511	,659
Continuity Correction <sup>b</sup>	,190	1	,663	
Likelihood Ratio	,423	1	,516	,659
Fisher's Exact Test				,514
Linear-by-Linear Association	,431 <sup>c</sup>	1	,512	,659
N of Valid Cases	276			

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 8,51.

b. Computed only for a 2x2 table

c. The standardized statistic is -,656.

d. For 2x2 crosstabulation, exact results are provided instead of Monte Carlo results.

**Chi-Square Tests<sup>d</sup>**

	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	,326	
Continuity Correction <sup>b</sup>		
Likelihood Ratio	,326	
Fisher's Exact Test	,326	
Linear-by-Linear Association	,326	,137
N of Valid Cases		

b. Computed only for a 2x2 table

d. For 2x2 crosstabulation, exact results are provided instead of Monte Carlo results.

**Dextro \* Peso\_05**

**Crosstab**

			Peso_05		Total
			Mão esquerda	Mão direita	
Dextro	Canhoto	Count	25	0	25
		% within Dextro	100,0%	,0%	100,0%
		% within Peso_05	9,3%	,0%	9,0%
		% of Total	9,0%	,0%	9,0%
Dextro	Dextro	Count	244	8	252
		% within Dextro	96,8%	3,2%	100,0%
		% within Peso_05	90,7%	100,0%	91,0%
		% of Total	88,1%	2,9%	91,0%
Total		Count	269	8	277
		% within Dextro	97,1%	2,9%	100,0%
		% within Peso_05	100,0%	100,0%	100,0%
		% of Total	97,1%	2,9%	100,0%

**Chi-Square Tests<sup>d</sup>**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)
Pearson Chi-Square	,817 <sup>a</sup>	1	,366	,621
Continuity Correction <sup>b</sup>	,077	1	,781	
Likelihood Ratio	1,537	1	,215	,621
Fisher's Exact Test				1,000
Linear-by-Linear Association	,814 <sup>c</sup>	1	,367	,621
N of Valid Cases	277			

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is ,72.

b. Computed only for a 2x2 table

c. The standardized statistic is ,902.

d. For 2x2 crosstabulation, exact results are provided instead of Monte Carlo results.

**Chi-Square Tests<sup>d</sup>**

	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	,464	
Continuity Correction <sup>b</sup>		
Likelihood Ratio	,464	
Fisher's Exact Test	,464	
Linear-by-Linear Association	,464	,464
N of Valid Cases		

b. Computed only for a 2x2 table

d. For 2x2 crosstabulation, exact results are provided instead of Monte Carlo results.

**Dextro \* Peso\_06**

**Crosstab**

			Peso_06		Total
			Mão esquerda	Mão direita	
Dextro	Canhoto	Count	9	16	25
		% within Dextro	36,0%	64,0%	100,0%
		% within Peso_06	8,7%	9,2%	9,0%
		% of Total	3,2%	5,8%	9,0%
Dextro	Dextro	Count	95	157	252
		% within Dextro	37,7%	62,3%	100,0%
		% within Peso_06	91,3%	90,8%	91,0%
		% of Total	34,3%	56,7%	91,0%
Total		Count	104	173	277
		% within Dextro	37,5%	62,5%	100,0%
		% within Peso_06	100,0%	100,0%	100,0%
		% of Total	37,5%	62,5%	100,0%

**Chi-Square Tests<sup>d</sup>**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)
Pearson Chi-Square	,028 <sup>a</sup>	1	,867	1,000
Continuity Correction <sup>b</sup>	,000	1	1,000	
Likelihood Ratio	,028	1	,867	1,000
Fisher's Exact Test				1,000
Linear-by-Linear Association	,028 <sup>c</sup>	1	,867	1,000
N of Valid Cases	277			

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 9,39.

b. Computed only for a 2x2 table

c. The standardized statistic is -,167.

d. For 2x2 crosstabulation, exact results are provided instead of Monte Carlo results.

### Chi-Square Tests<sup>d</sup>

	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	,526	
Continuity Correction <sup>b</sup>		
Likelihood Ratio	,526	
Fisher's Exact Test	,526	
Linear-by-Linear Association	,526	,170
N of Valid Cases		

b. Computed only for a 2x2 table

d. For 2x2 crosstabulation, exact results are provided instead of Monte Carlo results.

### CROSSTABS

```

/TABLES=Dextro BY Peso_01
/FORMAT=AVALUE TABLES
/STATISTICS=CHISQ
/CELLS=COUNT ROW COLUMN TOTAL
/COUNT ROUND CELL
/METHOD=MC CIN(99) SAMPLES(10000).

```

### Crosstabs

#### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Dextro * Peso_01	277	99,6%	1	,4%	278	100,0%

**Dextro \* Peso\_01 Crosstabulation**

			Peso_01		Total
			Mão esquerda	Mão direita	
Dextro	Canhoto	Count	20	5	25
		% within Dextro	80,0%	20,0%	100,0%
		% within Peso_01	8,5%	12,2%	9,0%
		% of Total	7,2%	1,8%	9,0%
Dextro	Dextro	Count	216	36	252
		% within Dextro	85,7%	14,3%	100,0%
		% within Peso_01	91,5%	87,8%	91,0%
		% of Total	78,0%	13,0%	91,0%
Total		Count	236	41	277
		% within Dextro	85,2%	14,8%	100,0%
		% within Peso_01	100,0%	100,0%	100,0%
		% of Total	85,2%	14,8%	100,0%

**Chi-Square Tests<sup>d</sup>**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)
Pearson Chi-Square	,589 <sup>a</sup>	1	,443	,552
Continuity Correction <sup>b</sup>	,223	1	,637	
Likelihood Ratio	,545	1	,460	,552
Fisher's Exact Test				,390
Linear-by-Linear Association	,587 <sup>c</sup>	1	,444	,552
N of Valid Cases	277			

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 3,70.

b. Computed only for a 2x2 table

c. The standardized statistic is -,766.

d. For 2x2 crosstabulation, exact results are provided instead of Monte Carlo results.

**Chi-Square Tests<sup>d</sup>**

	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	,303	
Continuity Correction <sup>b</sup>		
Likelihood Ratio	,303	
Fisher's Exact Test	,303	
Linear-by-Linear Association	,303	,159
N of Valid Cases		

b. Computed only for a 2x2 table

d. For 2x2 crosstabulation, exact results are provided instead of Monte Carlo results.