

Host

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Cramer's V

Cramer's V
Import data

Cramer's V Context

Cramer's V Context
Frequency tables for the selected categorical variables

Frequencies

[CramersVData] D:\DATA ANALYSIS\G Correlation Tests\Cramers V\SPSS_Output\sav\Cramers-V-data.sav

Statistics

		School category / row variable	Student sex / column variable
N	Valid	649	649
	Missing	0	0

Frequency Table

School category / row variable

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Gabriel Pereira school	423	65.2	65.2	65.2
	Mousinho da Silveira school	226	34.8	34.8	100.0
	Total	649	100.0	100.0	

Student sex / column variable

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Female	383	59.0	59.0	59.0
	Male	266	41.0	41.0	100.0
	Total	649	100.0	100.0	

Cramer's V Contingency Table

>Warning # 2004. Command name: SUBTITLE

>The subtitle given exceeds 60 characters in length. The first 60 characters
>will be used.

Cramer's V Contingency Table
Observed counts, expected counts, row %, column %, residuals

Crosstabs

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
School category / row variable * Student sex / column variable	649	100.0%	0	0.0%	649	100.0%

School category / row variable * Student sex / column variable Crosstabulation

		Student sex / ..	
		Female	
School category / row variable	Gabriel Pereira school	Count	237
		Expected Count	249.6
		% within School category / row variable	56.0%
		% within Student sex / column variable	61.9%
		% of Total	36.5%
		Residual	-12.6
		Standardized Residual	-.8
	Mousinho da Silveira school	Count	146
		Expected Count	133.4

Cramer's V Contingency Table
Observed counts, expected counts, row %, column %, residuals

School category / row variable * Student sex / column variable Crosstabulation

			Student sex / ...
			Male
School category / row variable	Gabriel Pereira school	Count	186
		Expected Count	173.4
		% within School category / row variable	44.0%
		% within Student sex / column variable	69.9%
		% of Total	28.7%
		Residual	12.6
		Standardized Residual	1.0
		Mousinho da Silveira school	Count
		Expected Count	92.6

School category / row variable * Student sex / column variable Crosstabulation

			Total
School category / row variable	Gabriel Pereira school	Count	423
		Expected Count	423.0
		% within School category / row variable	100.0%
		% within Student sex / column variable	65.2%
		% of Total	65.2%
		Residual	
		Standardized Residual	
	Mousinho da Silveira school	Count	226
		Expected Count	226.0

Cramer's V Contingency Table
Observed counts, expected counts, row %, column %, residuals

School category / row variable * Student sex / column variable Crosstabulation

		Student sex / ..
		Female
	% within School category / row variable	64.6%
	% within Student sex / column variable	38.1%
	% of Total	22.5%
	Residual	12.6
	Standardized Residual	1.1
Total	Count	383
	Expected Count	383.0
	% within School category / row variable	59.0%
	% within Student sex / column variable	100.0%
	% of Total	59.0%

School category / row variable * Student sex / column variable Crosstabulation

		Student sex / ...
		Male
	% within School category / row variable	35.4%
	% within Student sex / column variable	30.1%
	% of Total	12.3%
	Residual	-12.6
	Standardized Residual	-1.3
Total	Count	266
	Expected Count	266.0
	% within School category / row variable	41.0%
	% within Student sex / column variable	100.0%
	% of Total	41.0%

Cramer's V Contingency Table
Observed counts, expected counts, row %, column %, residuals

School category / row variable * Student sex / column variable Crosstabulation

		Total
	% within School category / row variable	100.0%
	% within Student sex / column variable	34.8%
	% of Total	34.8%
	Residual	
	Standardized Residual	
Total	Count	649
	Expected Count	649.0
	% within School category / row variable	100.0%
	% within Student sex / column variable	100.0%
	% of Total	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2- sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	4.476 ^a	1	.034		
Continuity Correction ^b	4.129	1	.042		
Likelihood Ratio	4.514	1	.034		
Fisher's Exact Test				.036	.021
N of Valid Cases	649				

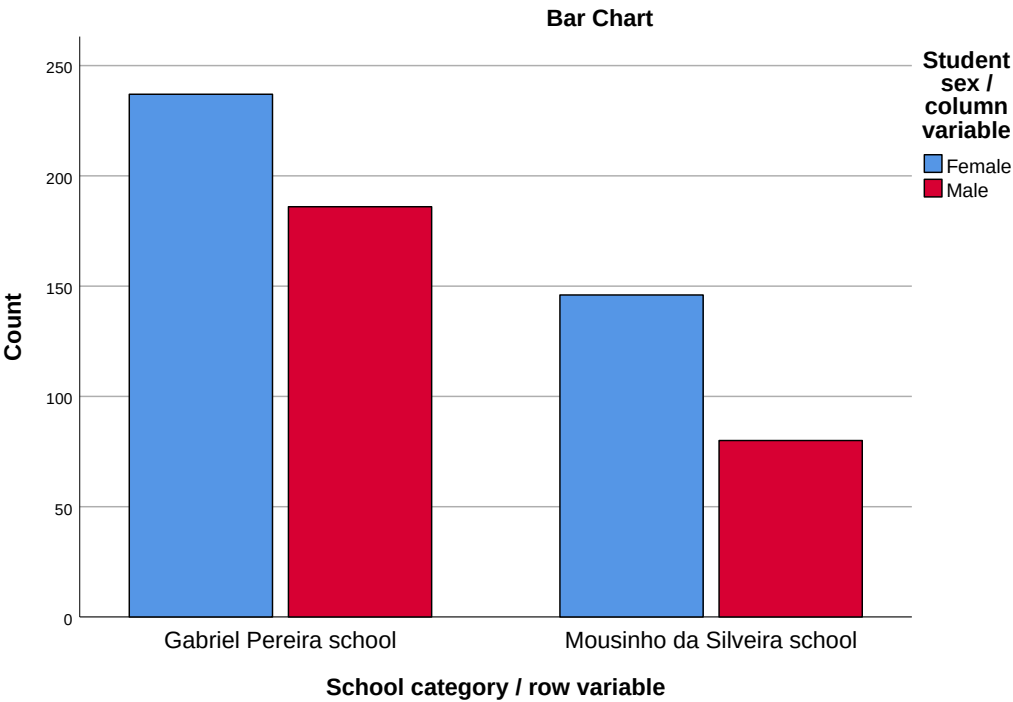
a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 92.63.

b. Computed only for a 2x2 table

Cramer's V Contingency Table
Observed counts, expected counts, row %, column %, residuals

Symmetric Measures

		Value	Approximate Significance
Nominal by Nominal	Phi	-.083	.034
	Cramer's V	.083	.034
N of Valid Cases		649	



Cramer's V Alternative Useful Pair

>Warning # 2004. Command name: SUBTITLE

>The subtitle given exceeds 60 characters in length. The first 60 characters
>will be used.

Cramer's V Alternative Useful Pair
School by address is included as an additional association e

Crosstabs

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
School category / row variable * Home address type	649	100.0%	0	0.0%	649	100.0%

School category / row variable * Home address type Crosstabulation

			Home address type	
			R	U
School category / row variable	Gabriel Pereira school	Count	78	345
		Expected Count	128.4	294.6
		% within School category / row variable	18.4%	81.6%
		% within Home address type	39.6%	76.3%
		% of Total	12.0%	53.2%
		Residual	-50.4	50.4
		Standardized Residual	-4.4	2.9
	Mousinho da Silveira school	Count	119	107
		Expected Count	68.6	157.4

Cramer's V Alternative Useful Pair
School by address is included as an additional association e

School category / row variable * Home address type Crosstabulation

			Total
School category / row variable	Gabriel Pereira school	Count	423
		Expected Count	423.0
		% within School category / row variable	100.0%
		% within Home address type	65.2%
		% of Total	65.2%
		Residual	
		Standardized Residual	
	Mousinho da Silveira school	Count	226
		Expected Count	226.0

School category / row variable * Home address type Crosstabulation

		Home address type	
		R	U
	% within School category / row variable	52.7%	47.3%
	% within Home address type	60.4%	23.7%
	% of Total	18.3%	16.5%
	Residual	50.4	-50.4
	Standardized Residual	6.1	-4.0
Total	Count	197	452
	Expected Count	197.0	452.0
	% within School category / row variable	30.4%	69.6%
	% within Home address type	100.0%	100.0%
	% of Total	30.4%	69.6%

Cramer's V Alternative Useful Pair
School by address is included as an additional association e

School category / row variable * Home address type Crosstabulation

		Total
	% within School category / row variable	100.0%
	% within Home address type	34.8%
	% of Total	34.8%
	Residual	
	Standardized Residual	
Total	Count	649
	Expected Count	649.0
	% within School category / row variable	100.0%
	% within Home address type	100.0%
	% of Total	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	81.569 ^a	1	.000		
Continuity Correction ^b	79.959	1	.000		
Likelihood Ratio	79.711	1	.000		
Fisher's Exact Test				.000	.000
N of Valid Cases	649				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 68.60.

b. Computed only for a 2x2 table

Cramer's V Alternative Useful Pair
School by address is included as an additional association e

Symmetric Measures

		Value	Approximate Significance
Nominal by Nominal	Phi	-.355	.000
	Cramer's V	.355	.000
N of Valid Cases		649	

