

P Value SPSS Output

P Value SPSS Output  
t tests, correlation and chi-square

## Descriptives

[PValueData]

### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Final grade	649	0	19	11.91	3.231
Second period grade	649	0	19	11.57	2.914
Valid N (listwise)	649				

One-sample t test p value

One-sample t test p value  
H0 mean G3 equals 10

## T-Test

### One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Final grade	649	11.91	3.231	.127

### One-Sample Test

Test Value = 10

	t	df	Sig. (2-tailed)	Mean Difference	95% Confidence Interval of the Difference	
					Lower	Upper
Final grade	15.030	648	.000	1.906	1.66	2.16

Independent t test p value

Independent t test p value  
G3 by sex group

**T-Test**

**Group Statistics**

	Sex group code	N	Mean	Std. Deviation	Std. Error Mean
Final grade	Female	383	12.25	3.124	.160
	Male	266	11.41	3.321	.204

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
Final grade	Equal variances assumed	.004	.950	3.311	647
	Equal variances not assumed			3.275	547.439

**Independent Samples Test**

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
Final grade	Equal variances assumed	.001	.847	.256
	Equal variances not assumed	.001	.847	.259

**Independent Samples Test**

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
Final grade	Equal variances assumed	.345	1.350
	Equal variances not assumed	.339	1.355

Correlation p value

Correlation p value  
Pearson correlation for G2 and G3

## Correlations

### Correlations

		Second period grade	Final grade
Second period grade	Pearson Correlation	1	.919
	Sig. (2-tailed)		.000
	N	649	649
Final grade	Pearson Correlation	.919	1
	Sig. (2-tailed)	.000	
	N	649	649

Chi-square p value

Chi-square p value  
School by higher intention

**Crosstabs**

**Case Processing Summary**

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
school * higher	649	100.0%	0	0.0%	649	100.0%

**school \* higher Crosstabulation**

school	GP		higher		Total
			no	yes	
	GP	Count	32	391	423
		Expected Count	45.0	378.0	423.0
		% within school	7.6%	92.4%	100.0%
		% within higher	46.4%	67.4%	65.2%
	MS	Count	37	189	226
		Expected Count	24.0	202.0	226.0
		% within school	16.4%	83.6%	100.0%
		% within higher	53.6%	32.6%	34.8%
Total	Count	69	580	649	
	Expected Count	69.0	580.0	649.0	
	% within school	10.6%	89.4%	100.0%	
	% within higher	100.0%	100.0%	100.0%	

Chi-square p value  
School by higher intention

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2- sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	12.024 <sup>a</sup>	1	.001		
Continuity Correction <sup>b</sup>	11.115	1	.001		
Likelihood Ratio	11.458	1	.001		
Fisher's Exact Test				.001	.001
N of Valid Cases	649				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 24.03.

b. Computed only for a 2x2 table

**Symmetric Measures**

		Value	Approximate Significance
Nominal by Nominal	Phi	-.136	.001
	Cramer's V	.136	.001
N of Valid Cases		649	

**Output Export**

**Warnings**

The name EMBEDBOOKMARKS is not a recognized subcommand.

Execution of this command stops.