```
CROSSTABS
/TABLES=LpaLevels LpaBiLevel ASCVDRisk BY ASCVD0No1Yes
/FORMAT=AVALUE TABLES
/STATISTICS=CHISQ PHI
/CELLS=COUNT COLUMN
/COUNT ROUND CELL
/BARCHART.
```

Crosstabs

Notes

Output Created		17-APR-2023 14:21:18
Comments		
Input	Data	/Users/courtneyhill/Desktop/Dr.Kim/MAIN.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	562
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table.
Syntax		CROSSTABS /TABLES=LpaLevels LpaBiLevel ASCVDRisk BY ASCVD0No1Yes /FORMAT=AVALUE TABLES /STATISTICS=CHISQ PHI /CELLS=COUNT COLUMN /COUNT ROUND CELL /BARCHART.
Resources	Processor Time	00:00:00.74
	Elapsed Time	00:00:01.00
	Dimensions Requested	2
	Cells Available	524245

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Lpa Levels * ASCVD	562	100.0%	0	0.0%	562	100.0%
Lp(a) Bi-Level * ASCVD	562	100.0%	0	0.0%	562	100.0%
ASCVD Risk Level * ASCVD	562	100.0%	0	0.0%	562	100.0%

Lpa Levels * ASCVD

Crosstab

		ASCVD				Total	
		No		Yes			
		N	%	N	%	N	%
Lpa Levels	Negligible	287	58.6%	33	45.8%	320	56.9%
	Minor	103	21.0%	14	19.4%	117	20.8%
	Moderate	73	14.9%	19	26.4%	92	16.4%
	High	23	4.7%	6	8.3%	29	5.2%
	Very High	4	0.8%	0	0.0%	4	0.7%
Total		490	100.0%	72	100.0%	562	100.0%
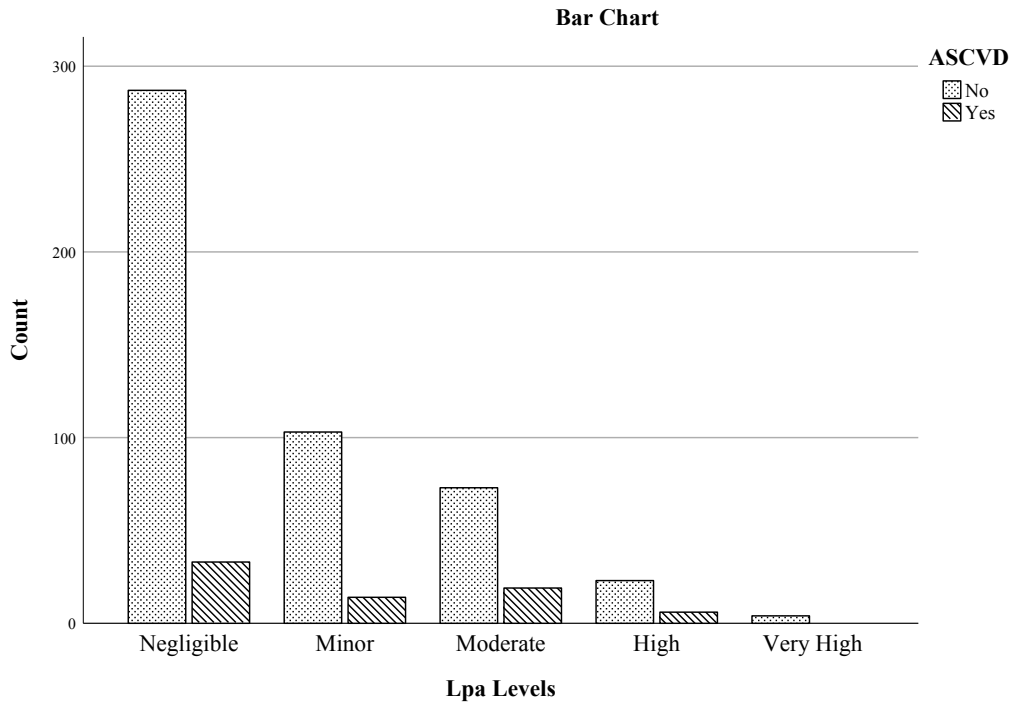
Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.126[a]	4	.058
Likelihood Ratio	8.854	4	.065
Linear-by-Linear Association	5.724	1	.017
N of Valid Cases	562		

a. 3 cells (30.0%) have expected count less than 5. The minimum expected count is .51.

Symmetric Measures

		Value	Approximate Significance
Nominal by Nominal	Phi	.127	.058
	Cramer's V	.127	.058
N of Valid Cases		562	

Bar Chart

Lp(a) Bi-Level * ASCVD

Crosstab

		ASCVD				Total
		No		Yes		
		N	%	N	%	N
Lp(a) Bi-Level	negligible, minor	390	79.6%	47	65.3%	437
	moderate, high, or very high Lp(a) levels	100	20.4%	25	34.7%	125
Total		490	100.0%	72	100.0%	562

Crosstab

		Total %
Lp(a) Bi-Level	negligible, minor	77.8%
	moderate, high, or very high Lp(a) levels	22.2%
Total		100.0%

Chi-Square Tests

|	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	7.437[a]	1	.006		
Continuity Correction[b]	6.632	1	.010		
Likelihood Ratio	6.797	1	.009		
Fisher's Exact Test				.009	.006
Linear-by-Linear Association	7.424	1	.006		
N of Valid Cases	562				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 16.01.

b. Computed only for a 2x2 table

Symmetric Measures

		Value	Approximate Significance
Nominal by Nominal	Phi	.115	.006
	Cramer's V	.115	.006
N of Valid Cases		562	

Bar Chart
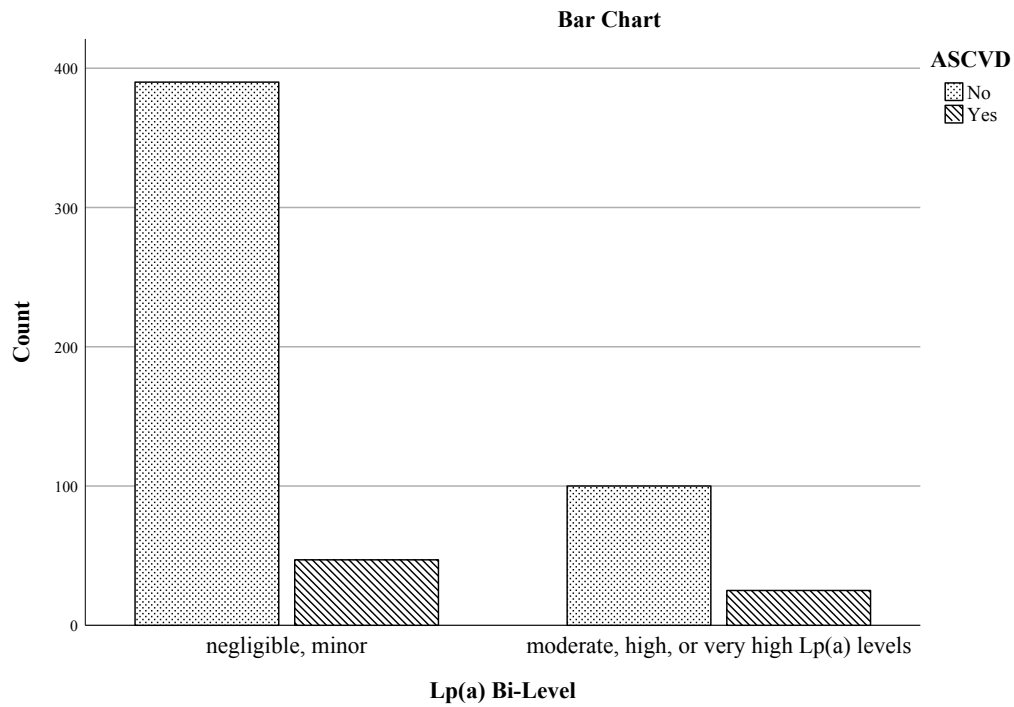
ASCVD Risk Level * ASCVD

Crosstab

		ASCVD					
		No		Yes		Total	
		N	%	N	%	N	%
ASCVD Risk Level	Low Risk	246	50.2%	10	13.9%	256	45.6%
	Borderline Risk	45	9.2%	5	6.9%	50	8.9%
	Intermediate Risk	139	28.4%	26	36.1%	165	29.4%
	High Risk	60	12.2%	31	43.1%	91	16.2%
Total		490	100.0%	72	100.0%	562	100.0%

Chi-Square Tests
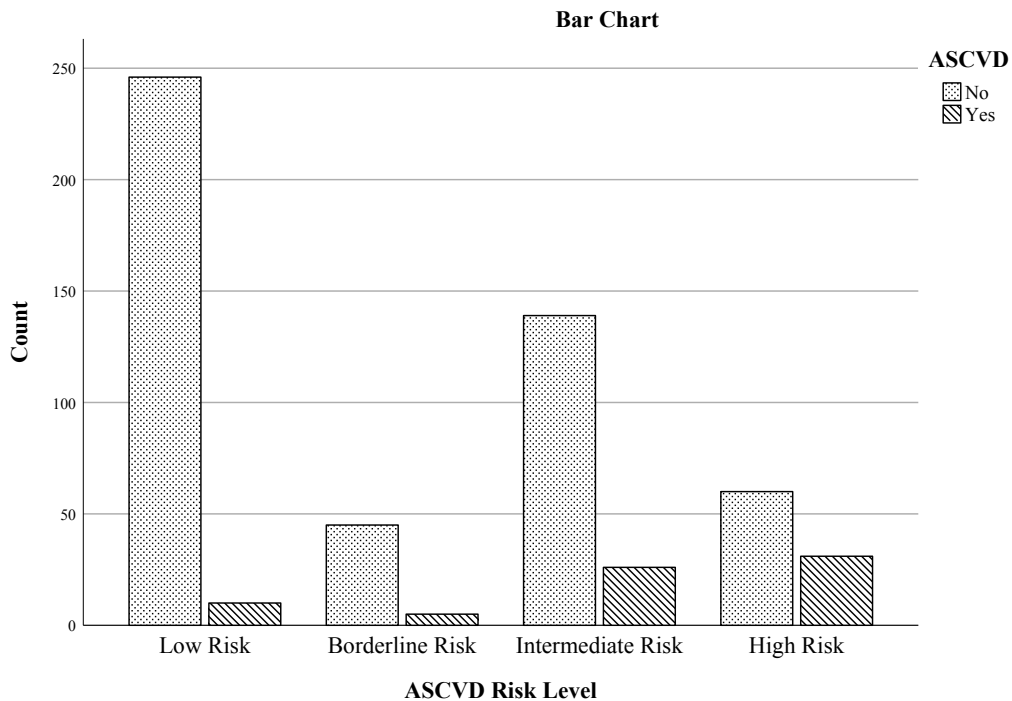
	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	56.614[a]	3	<.001
Likelihood Ratio	52.781	3	<.001
Linear-by-Linear Association	51.063	1	<.001
N of Valid Cases	562		

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 6.41.

Symmetric Measures

		Value	Approximate Significance
Nominal by Nominal	Phi	.317	<.001
	Cramer's V	.317	<.001
N of Valid Cases		562	

Bar Chart

OUTPUT MODIFY

```
/SELECT TABLES
/IF COMMANDS=["Crosstabs(LAST)"] SUBTYPES=["Crosstabulation"]
/TABLE PIVOT=[R1,C1].
OUTPUT MODIFY
/SELECT TABLES
/IF COMMANDS=["Crosstabs(LAST)"] SUBTYPES=["Crosstabulation"]
/TABLECELLS SELECT=[PERCENT] APPLYTO=COLUMNHEADER REPLACE="%"
/TABLECELLS SELECT=[COUNT] APPLYTO=COLUMNHEADER REPLACE="N".
```