

Exemplar 5 analyses - SAS

weighted and unweighted proportions

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The SURVEYMEANS Procedure

Data Summary

Number of Observations 361
 Sum of Weights 435.174782

Class Level Information

Class Variable	Label	Levels	Values
q85a	cannabis	6	1 2 3 4 5 6
q85b	amphetamines	6	1 2 3 4 5 6
genhelf	In general, would you say your health is....	5	1 2 3 4 5

Statistics

Variable	Label	N	Mean	Std Error of Mean
q85a=1	cannabis	210	0.583114	0.027406
q85a=2		90	0.249705	0.024043
q85a=3		12	0.034062	0.010116
q85a=4		8	0.024087	0.008803
q85a=5		11	0.027770	0.008459
q85a=6		27	0.081263	0.015942
q85b=1	amphetamines	281	0.820471	0.022514
q85b=2		32	0.097191	0.016914
q85b=3		1	0.002725	0.002726
q85b=4		1	0.004927	0.004918
q85b=5		5	0.016345	0.007902
q85b=6		18	0.058341	0.014174
genhelf=1	In general, would you say your health is....	72	0.186660	0.020762
genhelf=2		139	0.377625	0.026673
genhelf=3		120	0.343566	0.026397
genhelf=4		24	0.070042	0.014328
genhelf=5		6	0.022107	0.009443

Statistics

Variable	Lower 95% CL for Mean	Upper 95% CL for Mean
q85a=1	0.529217	0.637011
q85a=2	0.202420	0.296989
q85a=3	0.014167	0.053958
q85a=4	0.006775	0.041399

The SURVEYMEANS Procedure

Statistics

Variable	Lower 95% CL for Mean	Upper 95% CL for Mean
q85a=5	0.011134	0.044405
q85a=6	0.049910	0.112615
q85b=1	0.776186	0.864756
q85b=2	0.063921	0.130461
q85b=3	0	0.008087
q85b=4	0	0.014600
q85b=5	0.000800	0.031889
q85b=6	0.030461	0.086221
genhelp=1	0.145829	0.227491
genhelp=2	0.325171	0.430078
genhelp=3	0.291655	0.395477
genhelp=4	0.041866	0.098219
genhelp=5	0.003537	0.040677

The MEANS Procedure

Analysis Variable : weight weight

N	Mean	Std Dev	Minimum	Maximum
361	1.2054703	0.3735669	0.7593609	3.0473503

The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
weight	weight	361	1.0007474	0.3101247	0.6304000	2.5298242
wtsq		361	1.0974063	0.7729044	0.3974041	6.4000104

MEANS Procedure

Variable	Label	Std Dev
sinc	data zone income deprivation score	11.5255782
sacc	data zone access deprivation score	0.6133359
genhelp	In general, would you say your health is....	0.9383275

The SURVEYMEANS Procedure

Data Summary

Number of Observations 361
 Sum of Weights 361.269816

Statistics

Variable	Label	Std Error of Mean
sinc	data zone income deprivation score	0.694596
sacc	data zone access deprivation score	0.032883
genhelp	In general, would you say your health is....	0.052741

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Obs	dfsinc	dfsacc	dfgenhelp	desinc	desacc	degenhelp
1	1.14547	1.01905	1.06833	1.31211	1.03846	1.14133

The GLM Procedure

Number of observations 361

NOTE: Due to missing values, only 358 observations can be used in this analysis.

The GLM Procedure

Dependent Variable: genhelp In general, would you say your health is....

Weight: gweight weight adding to population totals

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	544.02811	544.02811	8.18	0.0045
Error	356	23667.40531	66.48148		
Corrected Total	357	24211.43342			

R-Square	Coeff Var	Root MSE	genhelp Mean
0.022470	348.2522	8.153617	2.341297

Source	DF	Type I SS	Mean Square	F Value	Pr > F
canscore	1	544.0281087	544.0281087	8.18	0.0045

Source	DF	Type III SS	Mean Square	F Value	Pr > F
canscore	1	544.0281087	544.0281087	8.18	0.0045

Parameter	Estimate	Standard Error	t Value	Pr > t
Intercept	2.283757665	0.05180502	44.08	<.0001
canscore	0.454673407	0.15894220	2.86	0.0045

The GLM Procedure

Number of observations 361

NOTE: Due to missing values, only 338 observations can be used in this analysis.

The GLM Procedure

Dependent Variable: genhelp In general, would you say your health is....

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	18.5858474	6.1952825	8.01	<.0001
Error	334	258.2336793	0.7731547		
Corrected Total	337	276.8195266			

R-Square 0.067141
 Coeff Var 38.24978
 Root MSE 0.879292
 genhelp Mean 2.298817

Source	DF	Type I SS	Mean Square	F Value	Pr > F
sinc	1	6.59991804	6.59991804	8.54	0.0037
canscore	1	9.79435975	9.79435975	12.67	0.0004
ampscore	1	2.19156958	2.19156958	2.83	0.0932

Source	DF	Type III SS	Mean Square	F Value	Pr > F
sinc	1	5.98174624	5.98174624	7.74	0.0057
canscore	1	6.62583762	6.62583762	8.57	0.0037
ampscore	1	2.19156958	2.19156958	2.83	0.0932

Parameter	Estimate	Standard Error	t Value	Pr > t
Intercept	2.021651909	0.08727740	23.16	<.0001
sinc	0.012601011	0.00453028	2.78	0.0057
canscore	0.492456944	0.16822134	2.93	0.0037
ampscore	0.472872905	0.28086654	1.68	0.0932

The SURVEYMEANS Procedure

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Statistics

Variable	Label	N	Mean	Std Error of Mean
sinc	data zone income deprivation score	361	18.711681	0.690327
sacc	data zone access deprivation score	361	-0.067572	0.032681
genhelp	In general, would you say your health is....	361	2.363313	0.052416

Statistics

Variable	Lower 95% CL for Mean	Upper 95% CL for Mean
sinc	17.354101	20.069261
sacc	-0.131842	-0.003301
genhelp	2.260232	2.466393

The SURVEYMEANS Procedure

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Statistics

Variable	Label	N	Mean	Std Error of Mean
sinc	data zone income deprivation score	361	18.711681	0.694596
sacc	data zone access deprivation score	361	-0.067572	0.032883
genhelp	In general, would you say your health is....	361	2.363313	0.052741

Statistics

Variable	Lower 95% CL for Mean	Upper 95% CL for Mean
sinc	17.345705	20.077657
sacc	-0.132240	-0.002904
genhelp	2.259594	2.467031

