

Analyses of exemplar 3 on spss

Complex Samples: Plan

Warnings

This procedure does not check the consistency of the working data file with the plan file. We recommend looking at the output table or the plan file to check consistency before performing selection or analysis.

Summary

			Stage 1
Design Variables	Stratification	1	unique stratum no including regional id
	Cluster	1	no from order of selection over months
Analysis Information	Estimator Assumption		Sampling with replacement

Plan File: C:\Documents and Settings\gillian raab\My Documents\aprojects\peas\web\exemp3\program_code\ex3.csaplan
 Weight Variable: weight grossed to population totals

Complex Samples: Tables

(D) Cigarette Smoking Status - Banded current smokers

		Estimate	Standard Error	95% Confidence Interval		Design Effect	Square Root Design Effect	Unweighted Count
				Lower	Upper			
Population Size	Light smokers, under 10 a day	245332.0	12298.506	221041.3	269622.7	1.605	1.267	597
	Moderate smokers, 10 to under 20 a day	513535.8	17793.198	478392.6	548679.0	1.740	1.319	1292
	Heavy smokers, 20 or more a day	472436.3	16312.002	440218.6	504654.0	1.569	1.253	1236
	Non-smoker	2478772	40194.597	2399384	2558160	4.775	2.185	5874
	Total	3710076	50120.095	3611084	3809068	.	.	8999
% of Total	Light smokers, under 10 a day	6.6%	.3%	6.0%	7.3%	1.535	1.239	597
	Moderate smokers, 10 to under 20 a day	13.8%	.4%	13.0%	14.7%	1.387	1.178	1292
	Heavy smokers, 20 or more a day	12.7%	.4%	11.9%	13.6%	1.354	1.164	1236
	Non-smoker	66.8%	.6%	65.6%	68.0%	1.493	1.222	5874
	Total	100.0%	.0%	100.0%	100.0%	.	.	8999

Complex Samples: Tables

current cigarette smoker

	Estimate	Standard Error	95% Confidence Interval		Design Effect	Square Root Design Effect	Unweighted Count	
			Lower	Upper				
Population Size	.000000	2487270	40463.952	2407350	2567190	4.832	2.198	5892
	1.000000	1231304	28061.505	1175880	1286728	2.324	1.524	3125
Total		3718574	50277.416	3619271	3817876	.	.	9017
% of Total	.000000	66.9%	.6%	65.7%	68.1%	1.502	1.226	5892
	1.000000	33.1%	.6%	31.9%	34.3%	1.502	1.226	3125
Total		100.0%	.0%	100.0%	100.0%	.	.	9017

Complex Samples: Tables

current cigarette smoker

	Estimate	Standard Error	Design Effect	Square Root Design Effect	Unweighted Count	
% of Total	.000000	66.9%	.6%	1.502	1.226	5892
	1.000000	33.1%	.6%	1.502	1.226	3125
Total		100.0%	.0%	.	.	9017

Subpopulation Tables

current cigarette smoker

Sex of respondent from household grid. 0	Estimate	Standard Error	Design Effect	Square Root Design Effect	Unweighted Count		
Male	% of Total	.000000	65.9%	.9%	1.473	1.214	2563
	1.000000		34.1%	.9%	1.473	1.214	1369
Total			100.0%	.0%	.	.	3932
Female	% of Total	.000000	67.8%	.8%	1.347	1.161	3329
	1.000000		32.2%	.8%	1.347	1.161	1756
Total			100.0%	.0%	.	.	5085

Complex Samples: Tables

current cigarette smoker

	Estimate	Standard Error	Design Effect	Square Root Design Effect	Unweighted Count	
% of Total	.000000	66.9%	.6%	1.502	1.226	5892
	1.000000	33.1%	.6%	1.502	1.226	3125
Total		100.0%	.0%	.	.	9017

Subpopulation Tables

current cigarette smoker

Health Board			Estimate	Standard Error	Design Effect	Square Root Design Effect	Unweighted Count
Ayrshire & Arran	% of Total	.000000	65.6%	2.7%	2.417	1.555	474
		1.000000	34.4%	2.7%	2.417	1.555	266
	Total		100.0%	.0%			740
Borders	% of Total	.000000	72.1%	3.2%	1.060	1.030	271
		1.000000	27.9%	3.2%	1.060	1.030	117
	Total		100.0%	.0%			388
Argyll & Clyde	% of Total	.000000	66.3%	2.2%	1.374	1.172	393
		1.000000	33.7%	2.2%	1.374	1.172	219
	Total		100.0%	.0%			612
Fife	% of Total	.000000	65.5%	1.9%	1.207	1.098	426
		1.000000	34.5%	1.9%	1.207	1.098	235
	Total		100.0%	.0%			661
Greater Glasgow	% of Total	.000000	63.6%	1.6%	1.823	1.350	767
		1.000000	36.4%	1.6%	1.823	1.350	522
	Total		100.0%	.0%			1289
Highland	% of Total	.000000	65.1%	3.0%	1.454	1.206	445
		1.000000	34.9%	3.0%	1.454	1.206	234
	Total		100.0%	.0%			679
Lanarkshire	% of Total	.000000	66.1%	1.9%	1.519	1.232	542
		1.000000	33.9%	1.9%	1.519	1.232	324
	Total		100.0%	.0%			866
Grampian	% of Total	.000000	70.2%	1.8%	1.361	1.167	501
		1.000000	29.8%	1.8%	1.361	1.167	223
	Total		100.0%	.0%			724
Orkney	% of Total	.000000	76.2%	1.8%	.058	.241	49
		1.000000	23.8%	1.8%	.058	.241	14
	Total		100.0%	.0%			63
Lothian	% of Total	.000000	70.0%	1.5%	1.386	1.177	808
		1.000000	30.0%	1.5%	1.386	1.177	362
	Total		100.0%	.0%			1170
Tayside	% of Total	.000000	64.8%	2.4%	2.070	1.439	466
		1.000000	35.2%	2.4%	2.070	1.439	257
	Total		100.0%	.0%			723
Forth Valley	% of Total	.000000	68.3%	2.4%	1.659	1.288	333
		1.000000	31.7%	2.4%	1.659	1.288	175
	Total		100.0%	.0%			508
Western Isles	% of Total	.000000	75.6%	2.8%	.172	.414	72
		1.000000	24.4%	2.8%	.172	.414	26
	Total		100.0%	.0%			98
Dumfries & Galloway	% of Total	.000000	69.6%	2.6%	.744	.863	299
		1.000000	30.4%	2.6%	.744	.863	138
	Total		100.0%	.0%			437
Shetland	% of Total	.000000	80.1%	7.5%	1.333	1.155	46
		1.000000	19.9%	7.5%	1.333	1.155	13
	Total		100.0%	.0%			59

Complex Samples: Tables

current cigarette smoker

	Estimate	Standard Error	Design Effect	Square Root Design Effect	Unweighted Count
% of Total	.000000	65.9%	.6%	1.378	5466
	1.000000	34.1%	.6%	1.378	2959
Total	100.0%	.0%	.	.	8425

Subpopulation Tables

current cigarette smoker

social class (adult respondent)	Estimate	Standard Error	Design Effect	Square Root Design Effect	Unweighted Count		
1.0	% of Total	.000000	87.8%	1.8%	1.209	1.099	288
		1.000000	12.2%	1.8%	1.209	1.099	37
	Total	100.0%	.0%	.	.	.	325
2.0	% of Total	.000000	75.7%	1.0%	1.132	1.064	1567
		1.000000	24.3%	1.0%	1.132	1.064	537
	Total	100.0%	.0%	.	.	.	2104
3.1	% of Total	.000000	70.9%	1.2%	1.271	1.127	1341
		1.000000	29.1%	1.2%	1.271	1.127	585
	Total	100.0%	.0%	.	.	.	1926
3.2	% of Total	.000000	62.1%	1.3%	1.435	1.198	1095
		1.000000	37.9%	1.3%	1.435	1.198	708
	Total	100.0%	.0%	.	.	.	1803
4.0	% of Total	.000000	51.7%	1.5%	1.500	1.225	815
		1.000000	48.3%	1.5%	1.500	1.225	764
	Total	100.0%	.0%	.	.	.	1579
5.0	% of Total	.000000	51.8%	2.5%	1.460	1.208	349
		1.000000	48.2%	2.5%	1.460	1.208	323
	Total	100.0%	.0%	.	.	.	672
6.0	% of Total	.000000	66.3%	11.2%	1.094	1.046	11
		1.000000	33.7%	11.2%	1.094	1.046	5
	Total	100.0%	.0%	.	.	.	16