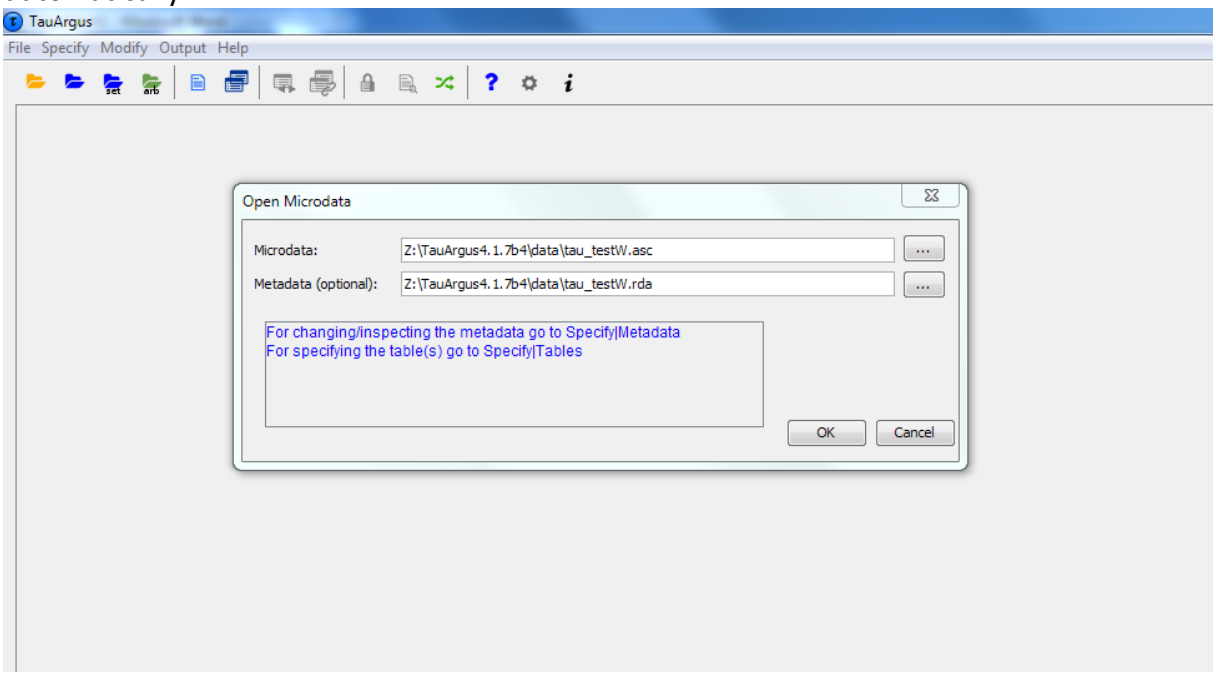
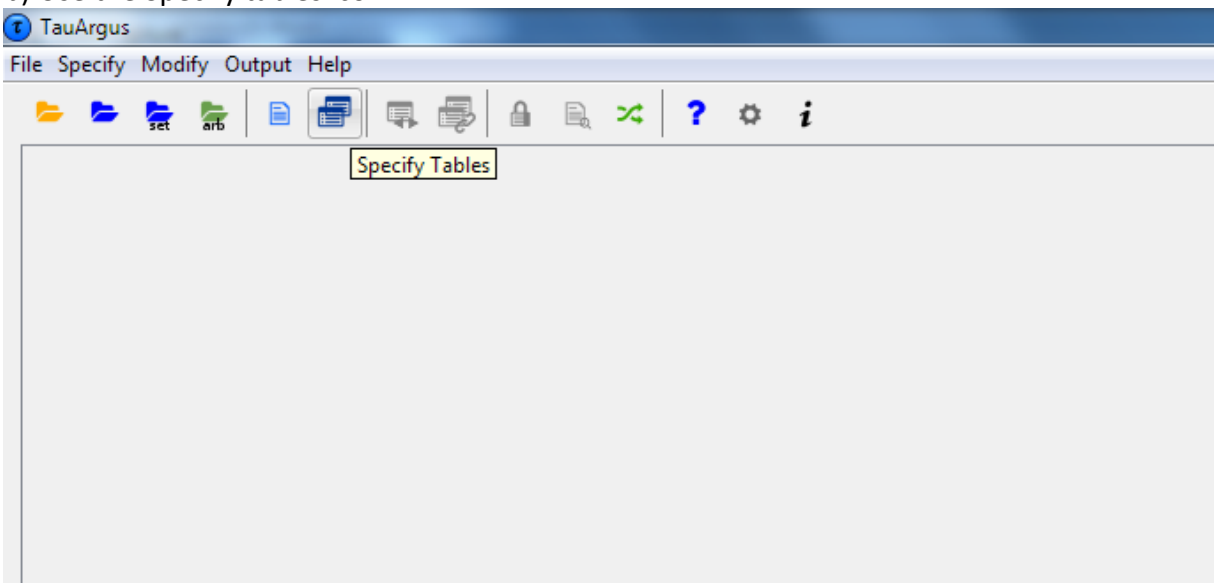
Step-by-step test procedure – τ-Argus

This document provides a step-by-step procedure to test the main features of τ-Argus. This test procedure uses the dataset provided in the installation package to compute two tables and applies modular and hypercube method to protect these. It uses τ-Argus 4.1.7b4.

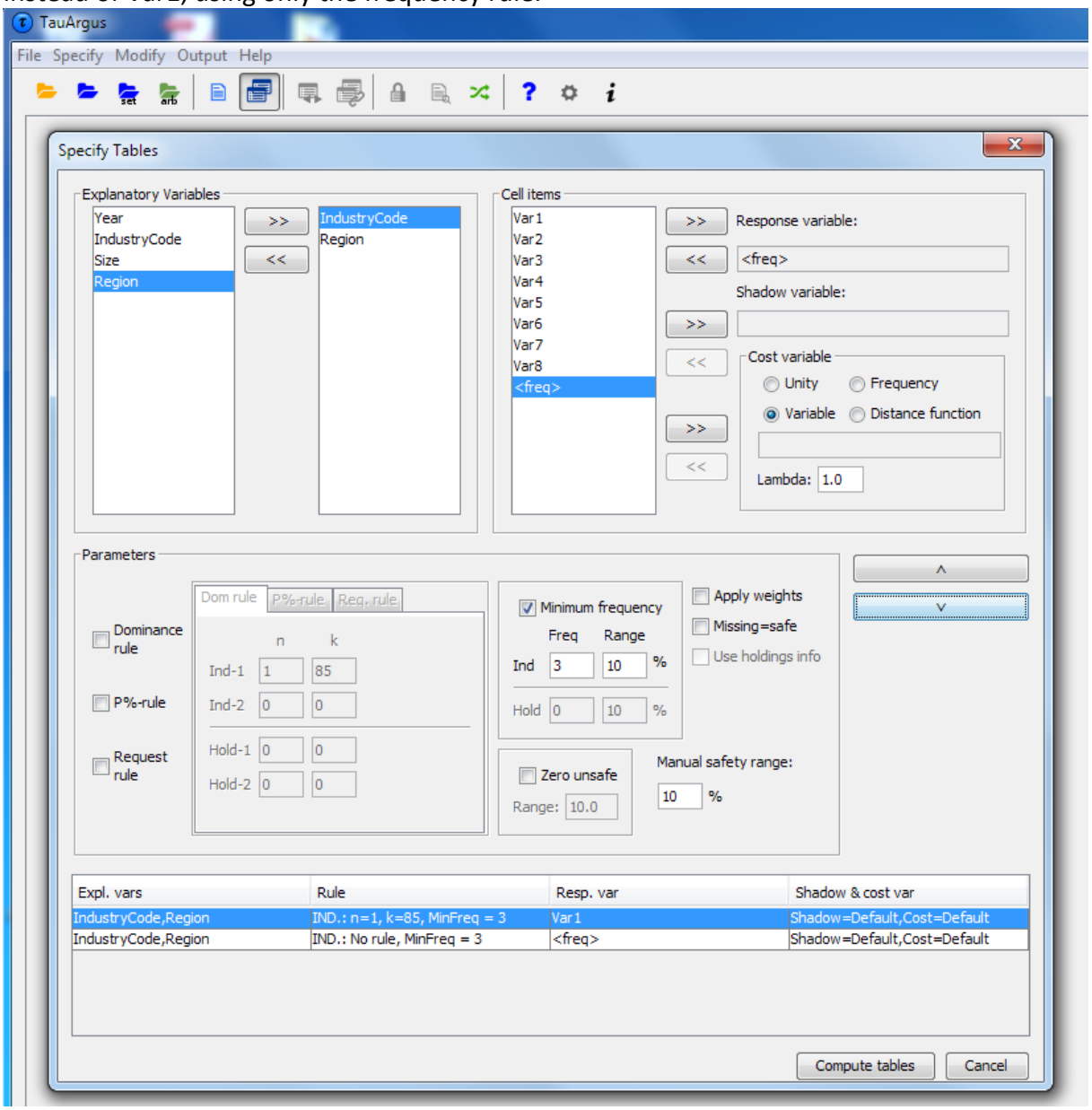
a) Open τ-Argus. Use File Open microdata, or the yellow folder icon and select tau_testW.asc that should be in the data folder where you unzipped τ-Argus.
The metadata (.rda file) is placed in the same folder and τ-Argus should see that and select it automatically.



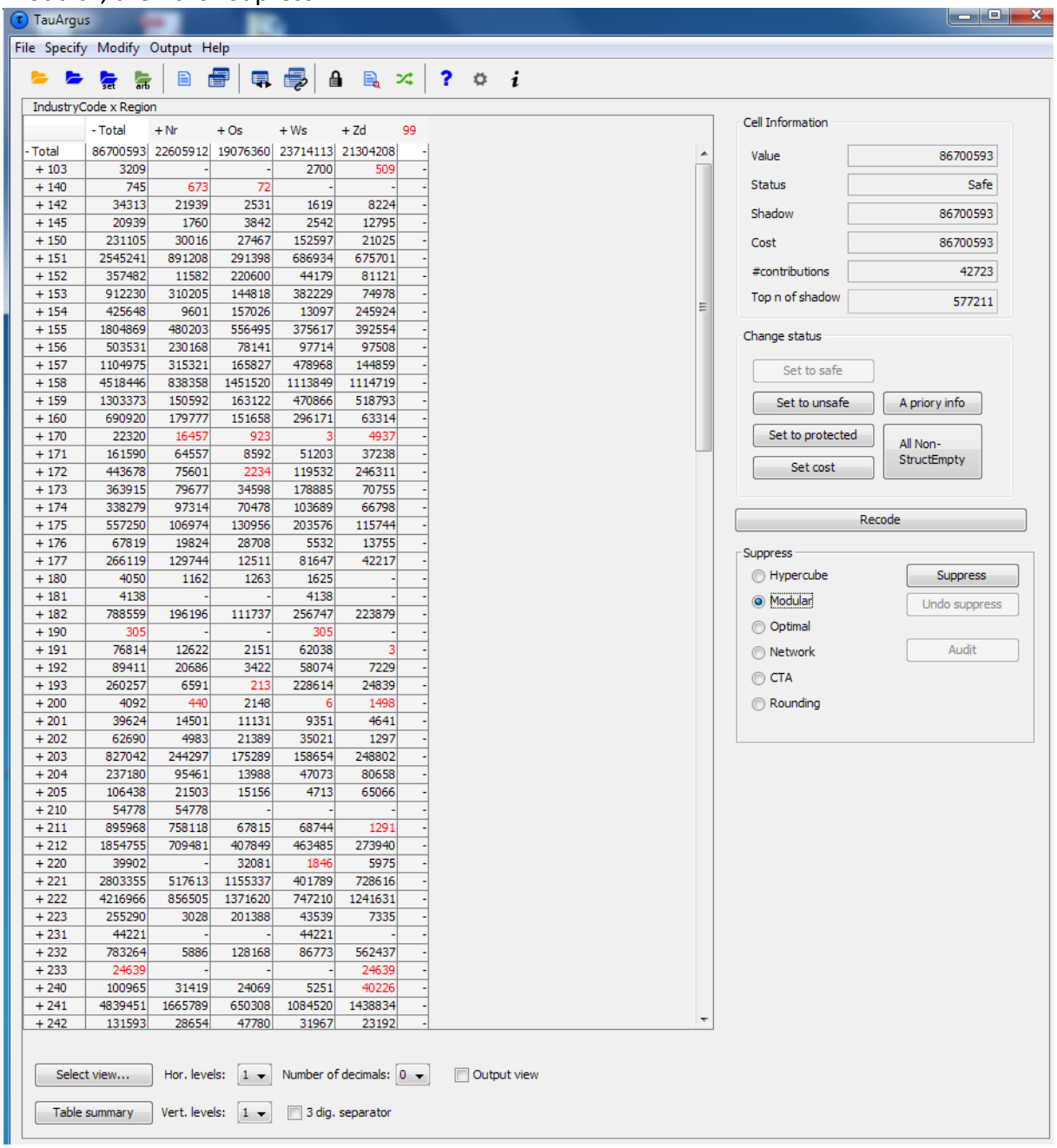
b) Use the Specify tables icon.



c) And specify two tables.
The first one using the explanatory variables IndustryCode and Region and the response variable Var1, using two rules: dominance rule (n=1,k=85) and frequency rule (3, 10%).
The second one using the same explanatory variables but the response variable <freq> instead of Var1, using only the frequency rule.

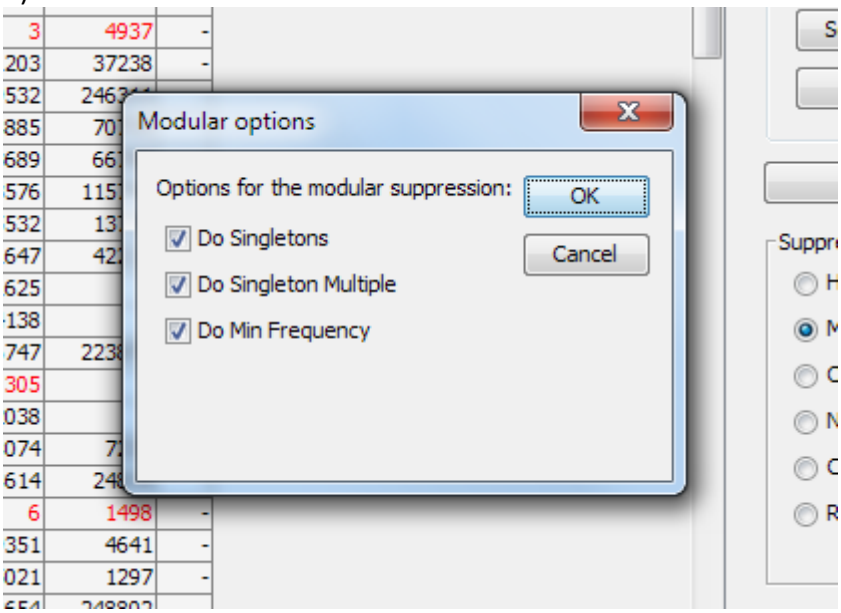


d) τ-Argus will explore the dataset, make the tables and apply the primary rules. Select Modular, then click Supress.

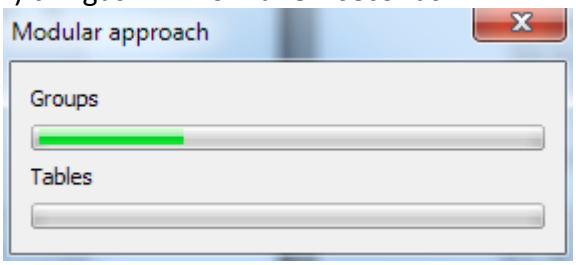


	- Total	+ Nr	+ Os	+ Ws	+ Zd	99
- Total	86700593	22605912	19076360	23714113	21304208	-
+ 103	3209	-	-	2700	509	-
+ 140	745	673	72	-	-	-
+ 142	34313	21939	2531	1619	8224	-
+ 145	20939	1760	3842	2542	12795	-
+ 150	231105	30016	27467	152597	21025	-
+ 151	2545241	891208	291398	686934	675701	-
+ 152	357482	11582	220600	44179	81121	-
+ 153	912230	310205	144818	382229	74978	-
+ 154	425648	9601	157026	13097	245924	-
+ 155	1804869	480203	556495	375617	392554	-
+ 156	503531	230168	78141	97714	97508	-
+ 157	1104975	315321	165827	478968	144859	-
+ 158	4518446	838358	1451520	1113849	1114719	-
+ 159	1303373	150592	163122	470866	518793	-
+ 160	690920	179777	151658	296171	63314	-
+ 170	22320	16457	923	3	4937	-
+ 171	161590	64557	8592	51203	37238	-
+ 172	443678	75601	2234	119532	246311	-
+ 173	363915	79677	34598	178885	70755	-
+ 174	338279	97314	70478	103689	66798	-
+ 175	557250	106974	130956	203576	115744	-
+ 176	67819	19824	28708	5532	13755	-
+ 177	266119	129744	12511	81647	42217	-
+ 180	4050	1162	1263	1625	-	-
+ 181	4138	-	-	4138	-	-
+ 182	788559	196196	111737	256747	223879	-
+ 190	305	-	-	305	-	-
+ 191	76814	12622	2151	62038	3	-
+ 192	89411	20686	3422	58074	7229	-
+ 193	260257	6591	213	228614	24839	-
+ 200	4092	440	2148	6	1498	-
+ 201	39624	14501	11131	9351	4641	-
+ 202	62690	4983	21389	35021	1297	-
+ 203	827042	244297	175289	158654	248802	-
+ 204	237180	95461	13988	47073	80658	-
+ 205	106438	21503	15156	4713	65066	-
+ 210	54778	54778	-	-	-	-
+ 211	895968	758118	67815	68744	1291	-
+ 212	1854755	709481	407849	463485	273940	-
+ 220	39902	-	32081	1846	5975	-
+ 221	2803355	517613	1155337	401789	728616	-
+ 222	4216966	856505	1371620	747210	1241631	-
+ 223	255290	3028	201388	43539	7335	-
+ 231	44221	-	-	44221	-	-
+ 232	783264	5886	128168	86773	562437	-
+ 233	24639	-	-	-	24639	-
+ 240	100965	31419	24069	5251	40226	-
+ 241	4839451	1665789	650308	1084520	1438834	-
+ 242	131593	28654	47780	31967	23192	-

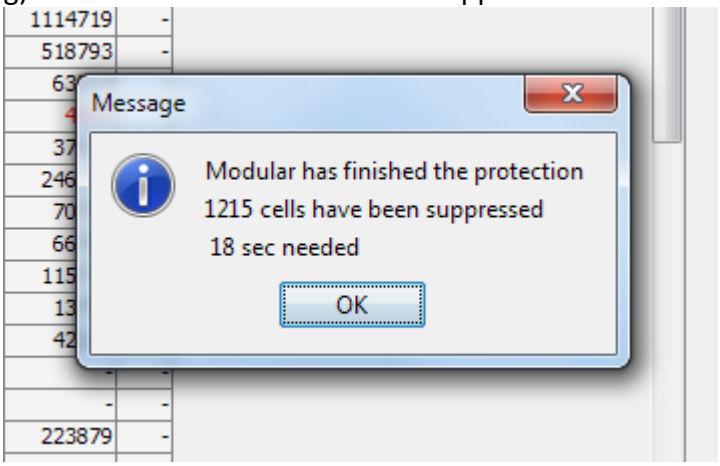
e) Click OK on the next box.



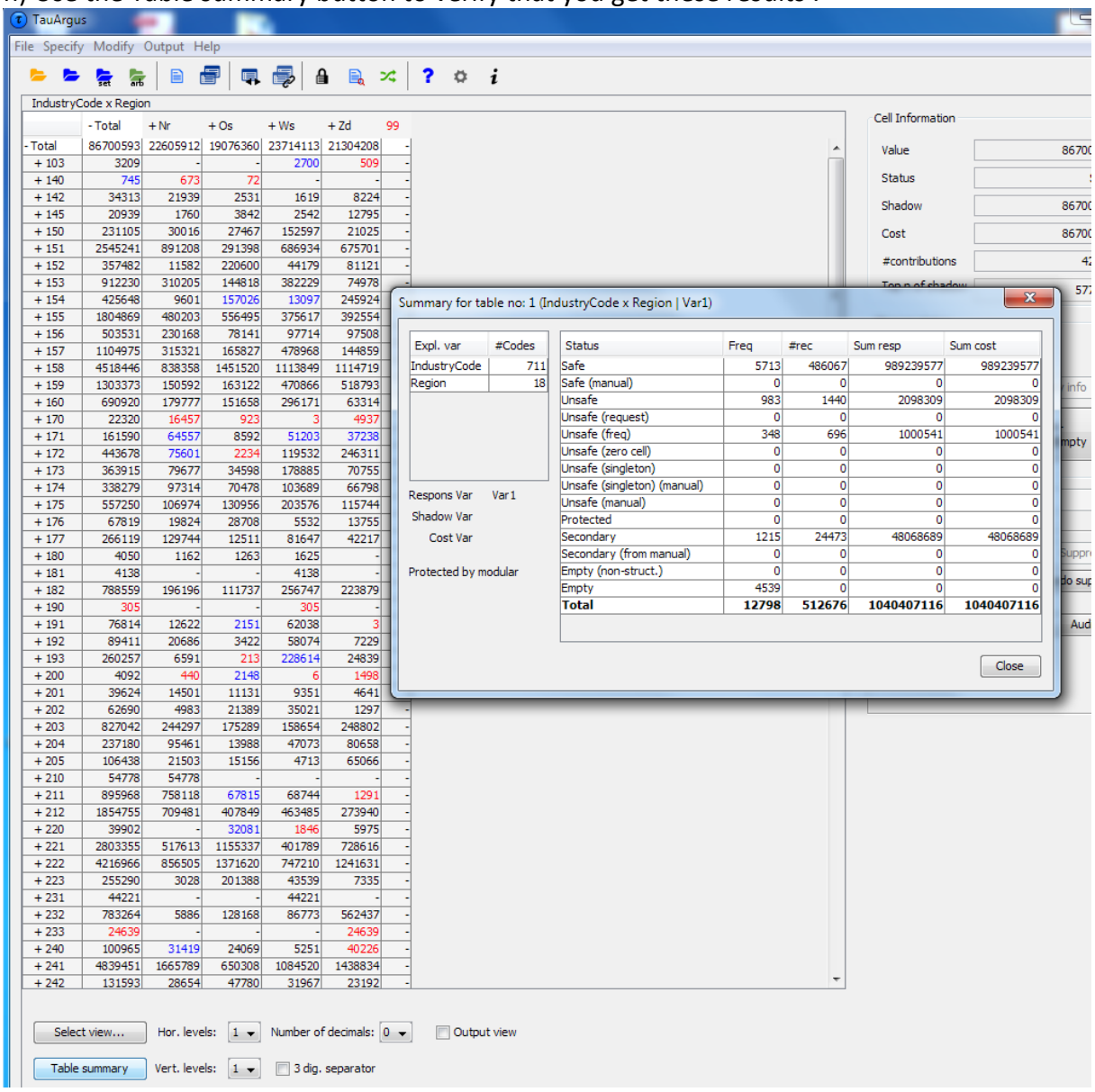
f) τ-Argus will work a few seconds.



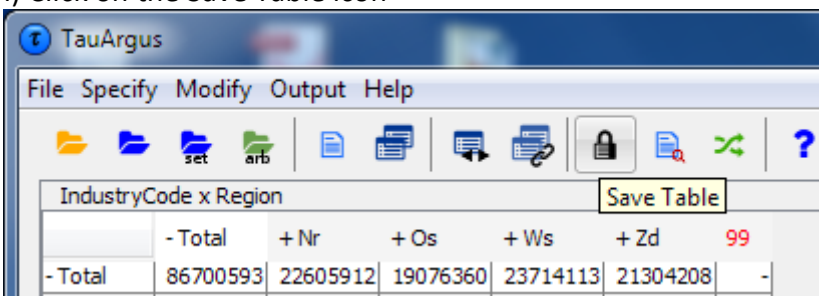
g) Then will show the number of suppressed cells.



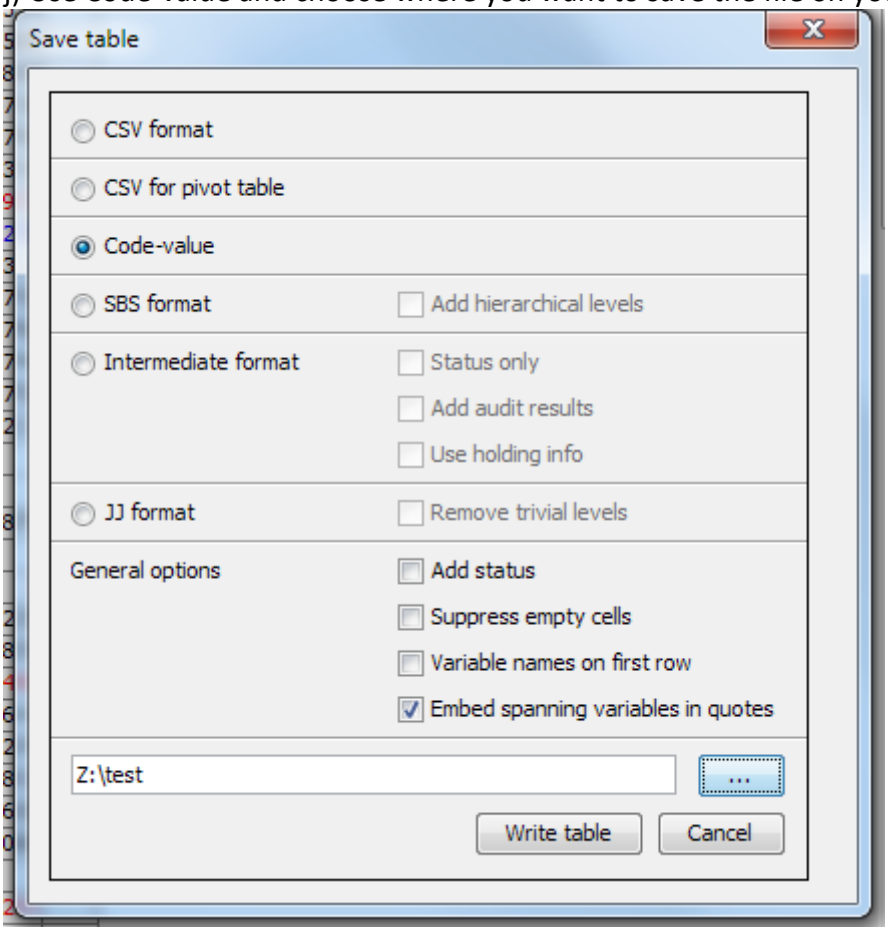
h) Use the Table summary button to verify that you get these results :



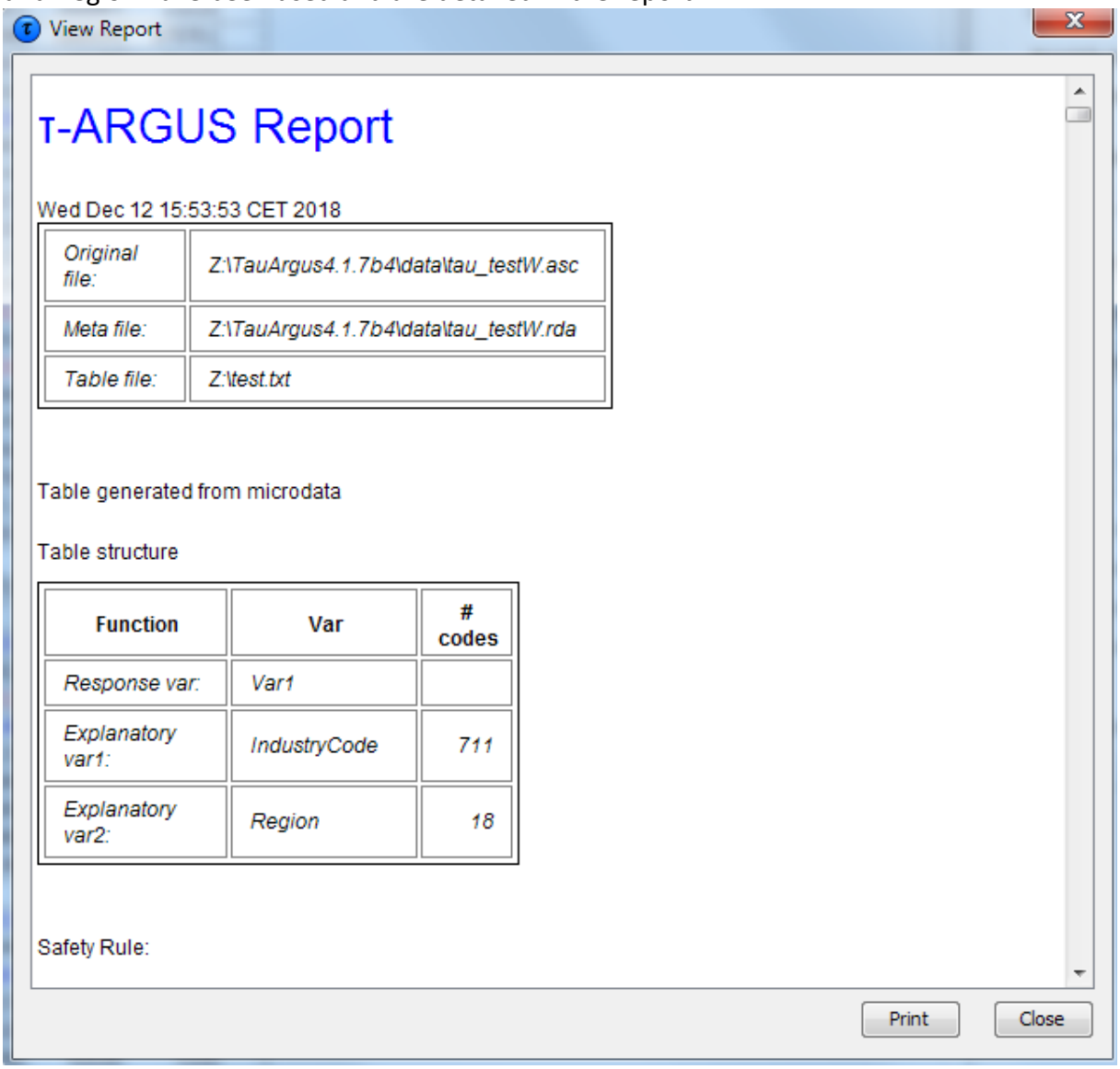
i) Click on the Save Table icon



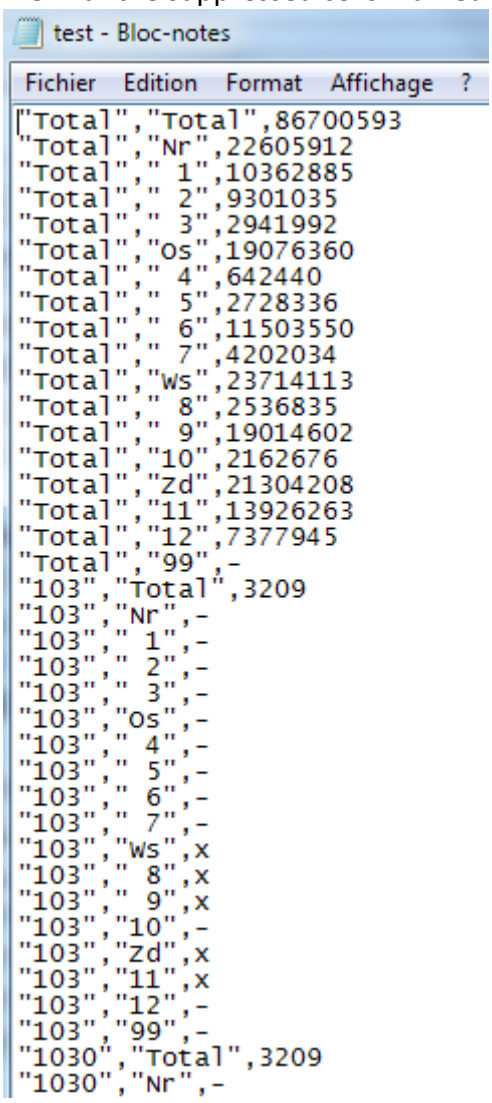
j) Use Code-value and choose where you want to save the file on your computer.



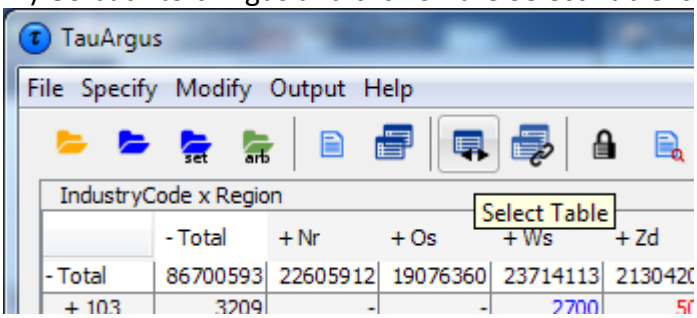
k) τ-Argus will show the report. Verify that the coding tree for both variables IndustryCode and Region have been used and are detailed in the report.



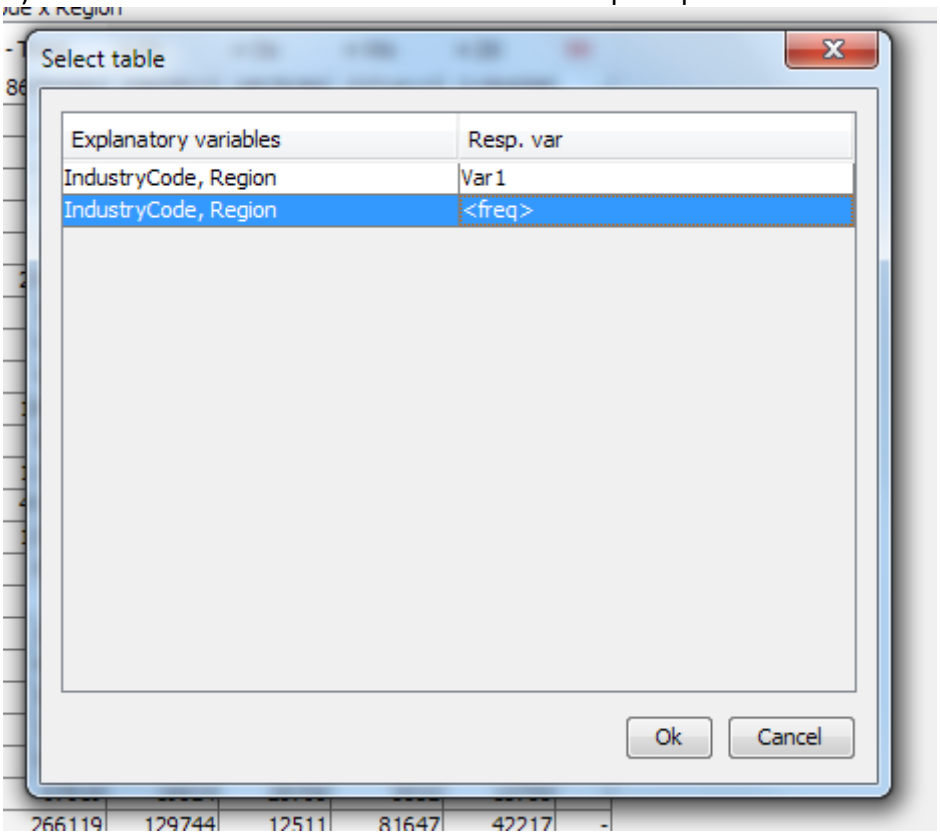
l) Verify that you have both the report saved as an .html file, and the output saved as a .txt file with the suppressed cells marked with " x "



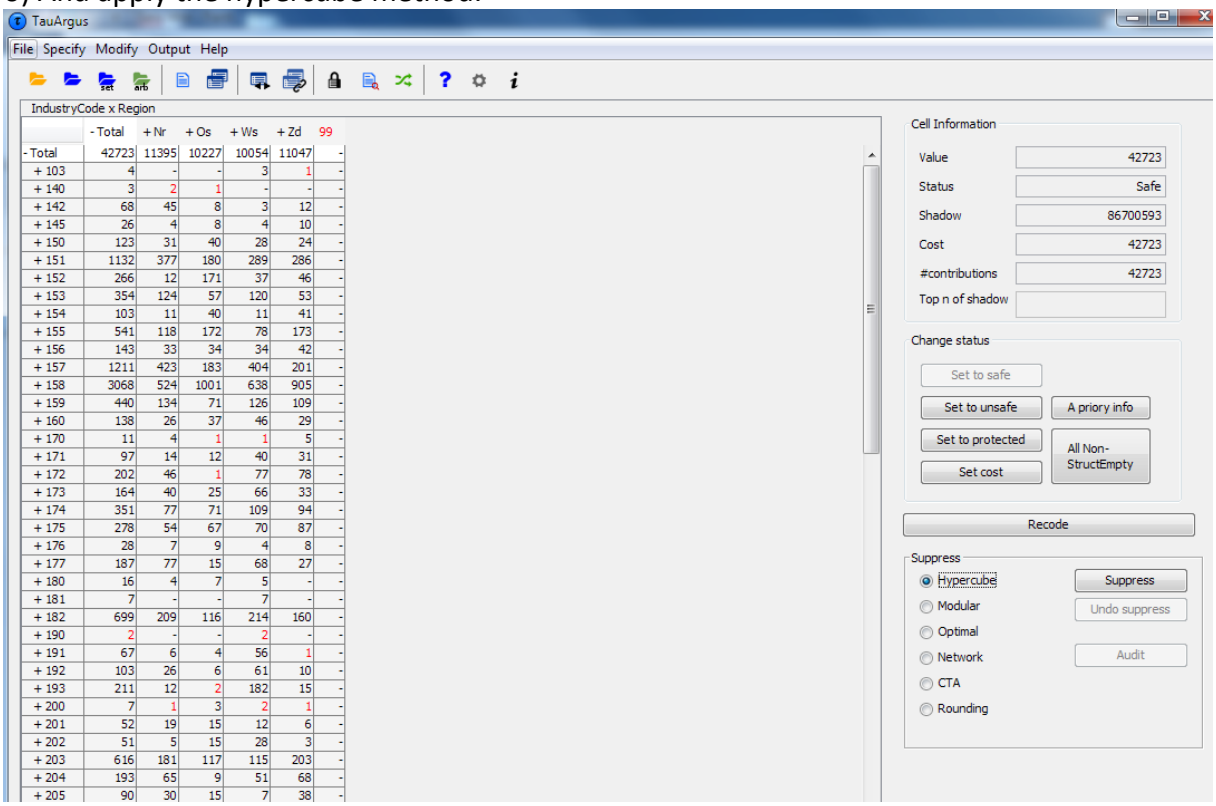
m) Go back to τ-Argus and click on the Select Table icon.



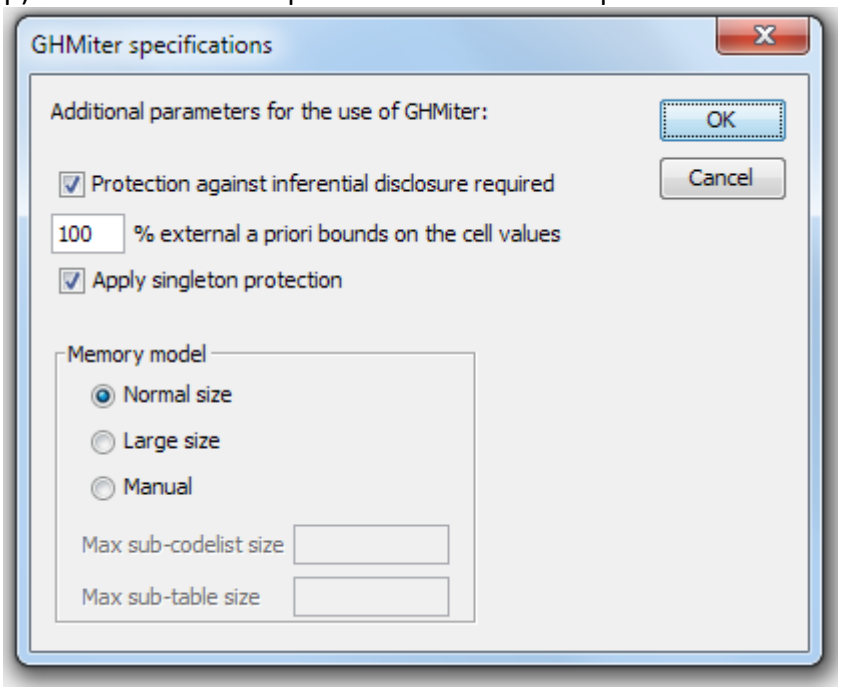
n) Choose the second tabulation with the <freq> response variable.



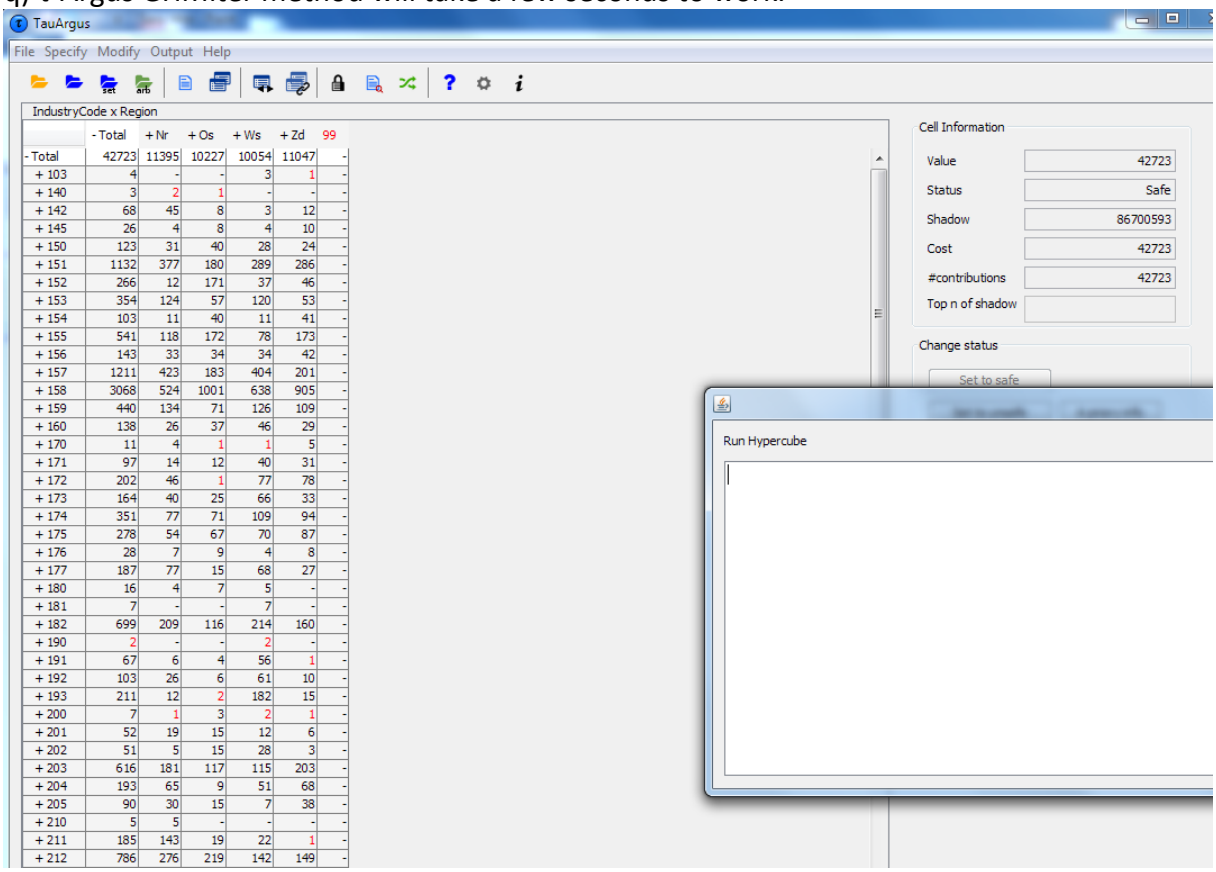
o) And apply the hypercube method.



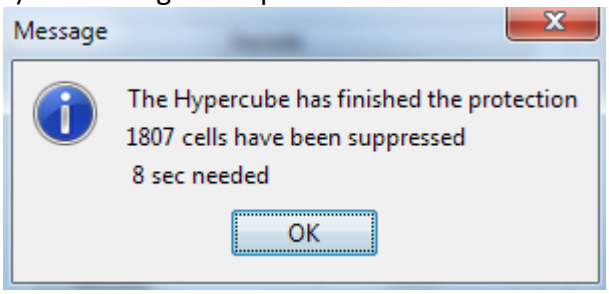
p) Leave the default options on the GHMiter specifications box.



q) τ-Argus GHMiter method will take a few seconds to work.



r) Then τ-Argus will provide the number of cells suppressed.



s) Use the Table summary button to verify that you get these results.