The ANY Function

Tech Tips – IBM SPSS Statistics

Tech Tips – The ANY Function
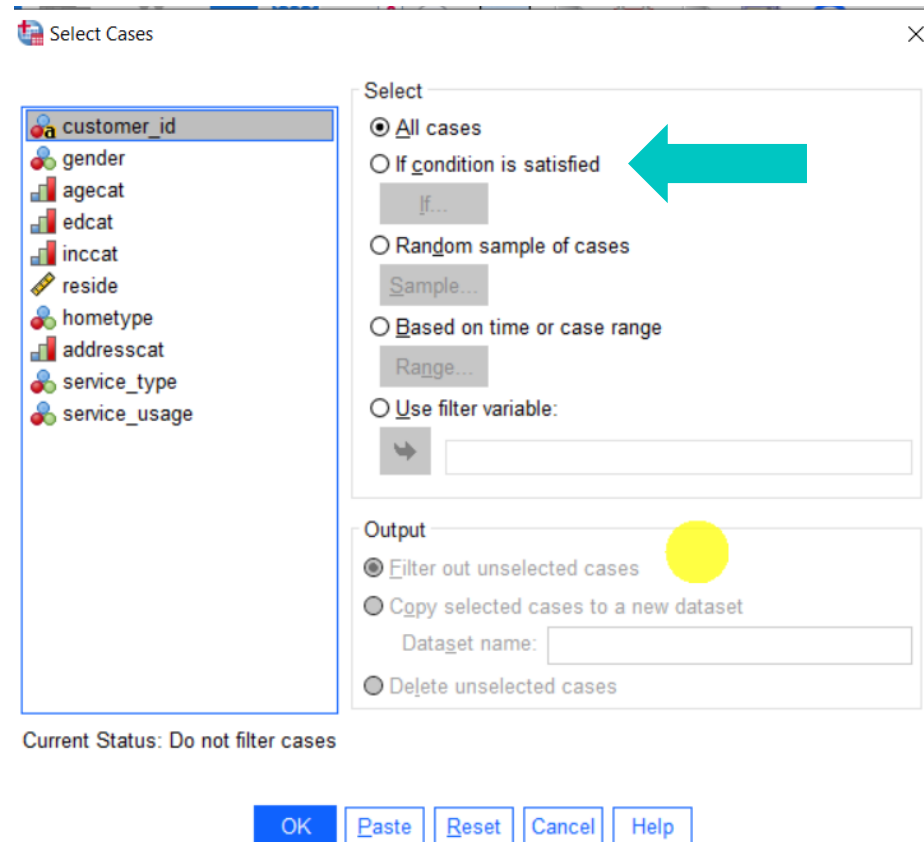
- *The any function is a very useful logical function:*
  - *ANY(test, value1, value2, …)*

- *Returns a value of 1 if the test is true and 0 otherwise.*

- *E.g. ANY(var1, 1, 3, 5)*
  - *Will return a value of 1 if var1 has a value of 1, 3 or 5. Otherwise it will return a value of 0.*

- *Use ANY instead of using a series of or statements*
  - *ANY(Var1, 1, 3, 5) = (var1 = 1 or var1 = 3 or var1=5)*

Tech Tips – The ANY Function

- The ANY function can also be used to scan a list of variables of expressions for a value.

- For example, ANY (1, var1, var2, var3) returns a value of 1 if any of the specified variables have a value of 1, otherwise it will return a value of 0.

- We will use a sample data file called cable_survey.sav.

- The file is located in the installation directory for SPSS, in a folder called 'Samples'.

- We will use the ANY function in the select cases procedure to create a new dataset with categories of 1, 3, and 4 of the variable *hometype*.
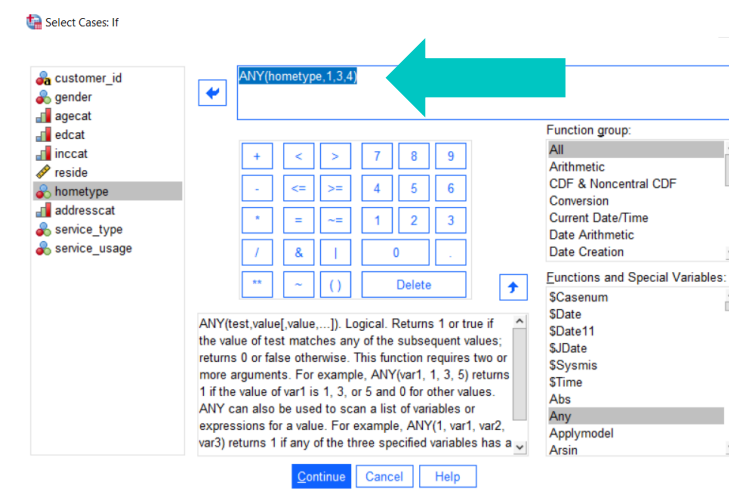
Tech Tips – The ANY Function

- Go to the **Data** menu and chose **Select Cases**

- Select the **If condition is satisfied** button

Tech Tips – The ANY Function

- Select **All** functions

- Select **ANY** and move this into the main box

- Create the expression **ANY(hometype,1,3,4)**

- Click **Continue** and select to move cases to another dataset.

Tech Tips – The ANY Function

- Now you can check the results in your new data file.

hometype Building type

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Single-family	2745	67.1	67.1	67.1
	3 Condominium/Townhouse	984	24.0	24.0	91.1
	4 Mobile Home	363	8.9	8.9	100.0
	Total	4092	100.0	100.0	

Thank You

For more information

please visit spssanalyticspartner.com