

COMPUTED ITEM:

A computed item is an item that is typically added in the results section to enhance data analysis. Computed items typically display as columns, although there are a few that will display as rows. The content of the item (column / row) is based on the “coding” as entered or selected by the user.

Computed item coding:

The coding for computed items, refers to a function or set of functions, in order to display a specific value or set of values. The coding can be simple; 1 function, or complex; 2 or more functions. Within the computed item prompt (box) there are buttons available (Functions... and Reference...) to assist users in creating the coding. Below the text area (Definition box), there are additional controls that help to enhance and connect multiple functions.

An example of a commonly used computed item, is the actual count. This item returns the actual count of a designated item, even if there are duplicates. In the example below, the user is asking for an exact count of Id Numbers.

1. Buttons used for creating coding
2. Additional controls for enhancement of, and connecting functions
3. Coding text area
4. Title of item (will display as column label) (can be edited)

Computed Item prompt:

Modify

Name: Actual Count

Definition: CountDistinct (Id_Number)

Buttons: Functions..., Reference..., Options

Calculator keypad: +, -, *, /, (,), =, !=, and, or, if, else, mod, <, <=, >, >=, not

Buttons: Help, OK, Cancel

View of Computed Item in results section:

http://darla1.cc.binghamton.edu:19000/workspace/dataaccess/Browse?REQUEST_TYPE=GET_DOCU

File Edit View Insert Format Results Tools Help

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Results

Id Number	Major	Major Desc	Actual Count
1	322	BA Economics	13,711
2	534	BS Math Actuarial	13,711
3	387	BS Biochemistry	13,711
4	922	BS Economics	13,711
5	347	BA Psychology	13,711
6	920	BS Integrative Neuro	13,711
7	940	BA Philosophy Politic	13,711
8	918	BS Integ Neuro Mole	13,711
9	918	BS Integ Neuro Mole	13,711
10	522	BS Spec in Financial	13,711
11	292	Nursing Baccalaurea	13,711
12	292	Nursing Baccalaurea	13,711
13	123	BA English	13,711
14	223	BA English Literature	13,711
15	313	BA Biological Scienc	13,711
16	281	Accounting	13,711
17	170	Computer Science	13,711
18	281	Accounting	13,711
19	522	BS Spec in Financial	13,711
20	347	BA Psychology	13,711