
Subject: Re: cumulativeSumInCategory
Posted by [nbehrnd](#) on Thu, 20 May 2021 22:40:44 GMT
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Dear Greg,

the computation fails because the instruction contains an error in the syntax. In your example, plateID and penalties are not variables, but label-like column headers. For this reason both are to be enclosed in quotes. To enable a computation, the formula thus shall be written as `cumulativeSumInCategory("plateID", "penalties")`

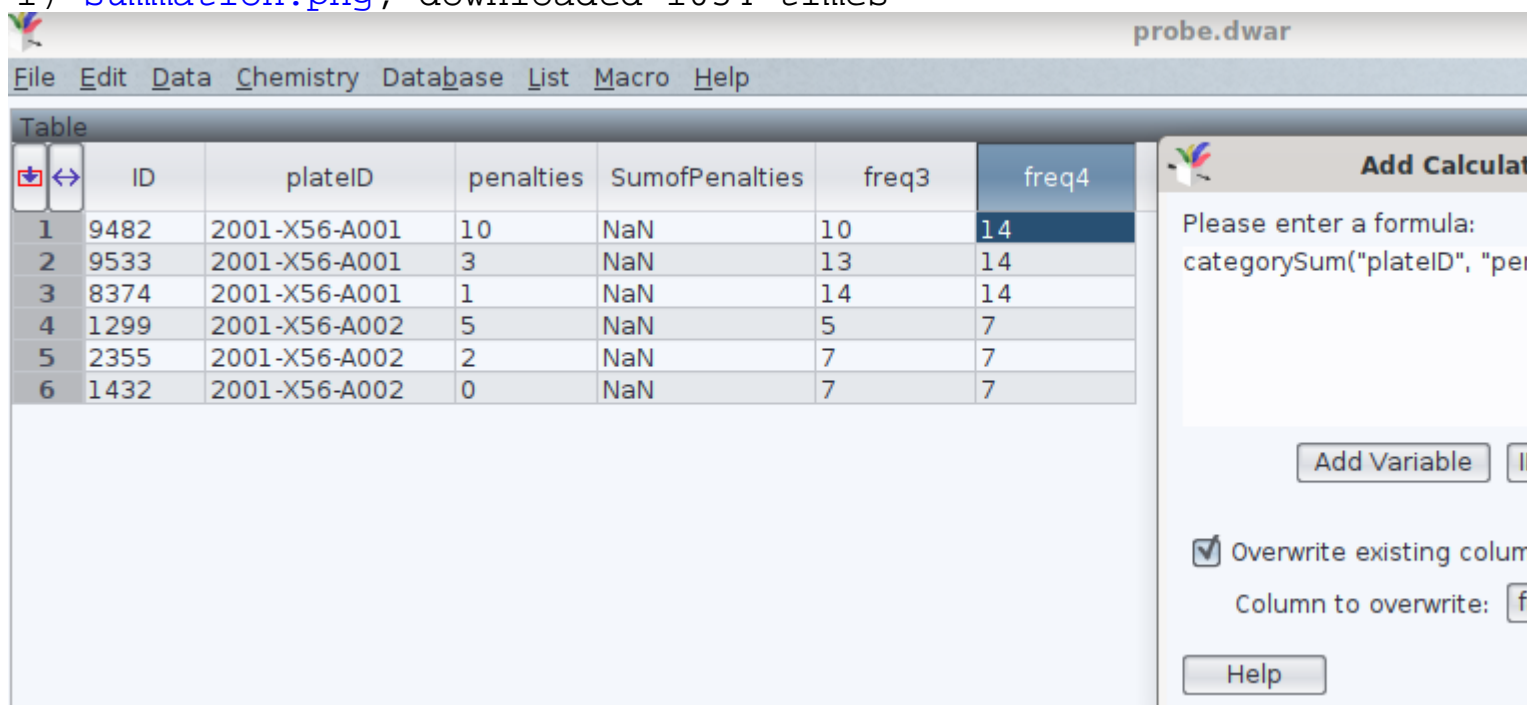
Note, `cumulativeSumInCategory` adds line by line the penalties for the plateIDs, and accounts for all lines already scrutinized. This pattern is used in column «freq3» in the example attached below.

Your description of the anticipated results differs from this, though. It is better described by the formula `categorySum("plateID", "penalties")` This pattern is used in column «freq4»:

Norwid

File Attachments

1) [summation.png](#), downloaded 1054 times



The screenshot shows a software interface with a menu bar (File, Edit, Data, Chemistry, Database, List, Macro, Help) and a window titled "probe.dwar". A table is displayed with the following data:

	ID	plateID	penalties	SumofPenalties	freq3	freq4
1	9482	2001-X56-A001	10	NaN	10	14
2	9533	2001-X56-A001	3	NaN	13	14
3	8374	2001-X56-A001	1	NaN	14	14
4	1299	2001-X56-A002	5	NaN	5	7
5	2355	2001-X56-A002	2	NaN	7	7
6	1432	2001-X56-A002	0	NaN	7	7

To the right of the table is a dialog box titled "Add Calculation". It contains the text "Please enter a formula:" followed by the formula `categorySum("plateID", "penalties")`. Below the formula field are buttons for "Add Variable" and "Help". There is also a checkbox labeled "Overwrite existing column" which is checked, and a label "Column to overwrite:" followed by a dropdown menu showing "f".

2) [probe.dwar](#), downloaded 604 times
