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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")`

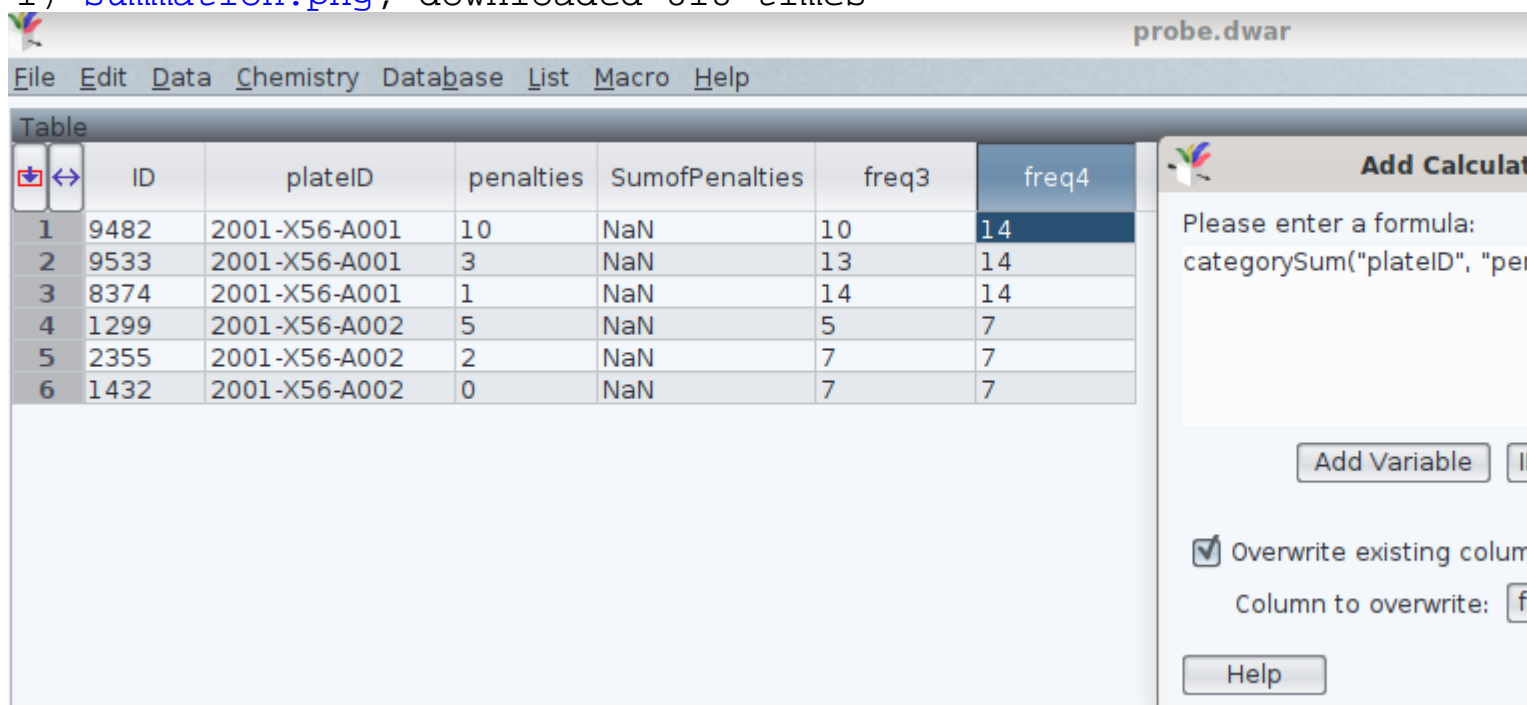
Note, `cumulativeSumInCategory` adds line by line the penalties for the plateIDs, and accounts for all lines already scrutinized. This pattern is used in column «freq3» in the example attached below.

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 818 times



The screenshot shows a software window titled "probe.dwar". It contains a table with 7 columns: ID, plateID, penalties, SumofPenalties, freq3, and freq4. The table has 6 rows of data. To the right of the table is a dialog box titled "Add Calculation" with a text input field containing the formula "categorySum('plateID', 'penalties')". There are buttons for "Add Variable", "Overwrite existing column" (checked), "Column to overwrite:", and "Help".

	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

2) [probe.dwar](#), downloaded 548 times

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