QGIS Application - Bug report #20479
Natural breaks (Jenks) classes not computed correctly from expression

2018-11-13 03:02 PM - Joshua Biagio

Status:	Open		
Priority:	Normal		
Assignee:			
Category:	Symbology		
Affected QGIS version:	3.4.1	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	28299

Description

QGIS doesn't compute the classes using Natural Breaks (Jenks) correctly. The first class only has one value and the subsequent classes are wrong.

Here are the classes as they should be computed:
ArcMapCorrectJenks.png

Here are the classes that QGIS computes:
QGISIncorrectJenks.png

Note that the first class is value - same value. Also affects v3.2.3.

History

#1 - 2018-11-13 04:03 PM - Giovanni Manghi

- Status changed from Open to Feedback

- Category changed from Unknown to Symbology

Can you attach a sample of the data?

#2 - 2018-11-13 04:20 PM - Joshua Biagio

- File totalreg.shp.zip added

Giovanni Manghi wrote:

> *Can you attach a sample of the data?*

Here is a shapefile that contains the sample data. You'll need to set the column as an expression: "Reg_Total" / "POP2000".

#3 - 2018-11-13 04:26 PM - Giovanni Manghi

- Operating System deleted (Windows 10 64-bit)

- Status changed from Feedback to Open

Files

ArcMapCorrectJenks.png		113 KB	2018-11-13	Joshua Biagio

QGISIncorrectJenks.png	134 KB	2018-11-13	Joshua Biagio
totalreg.shp.zip	17.5 KB	2018-11-13	Joshua Biagio