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: Resolution:

Crashes QGIS or corruptes data: 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

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

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