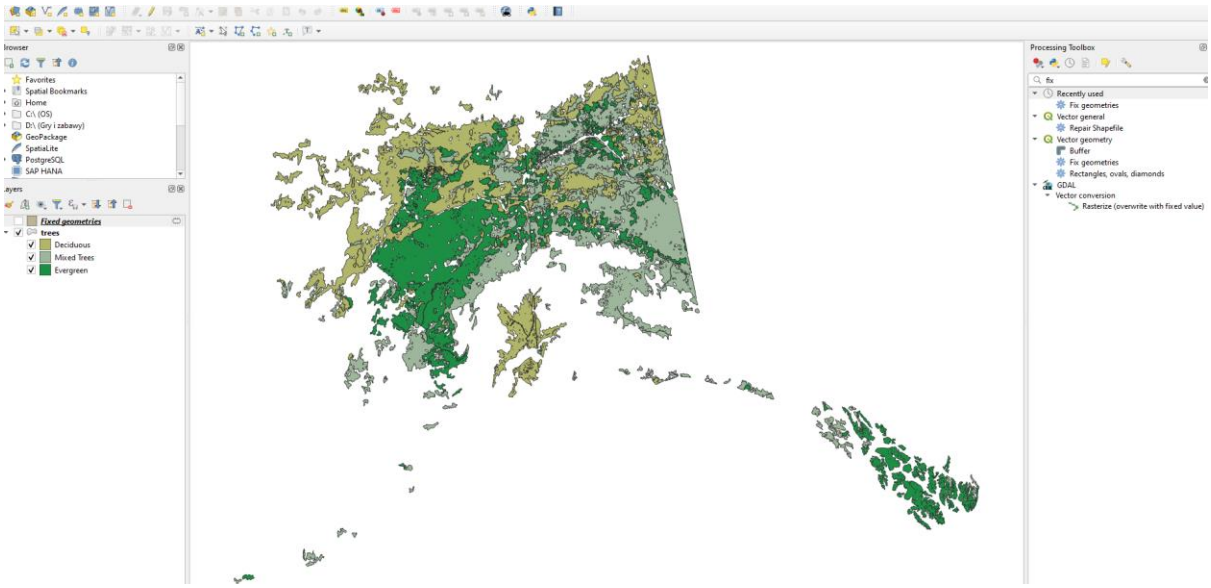
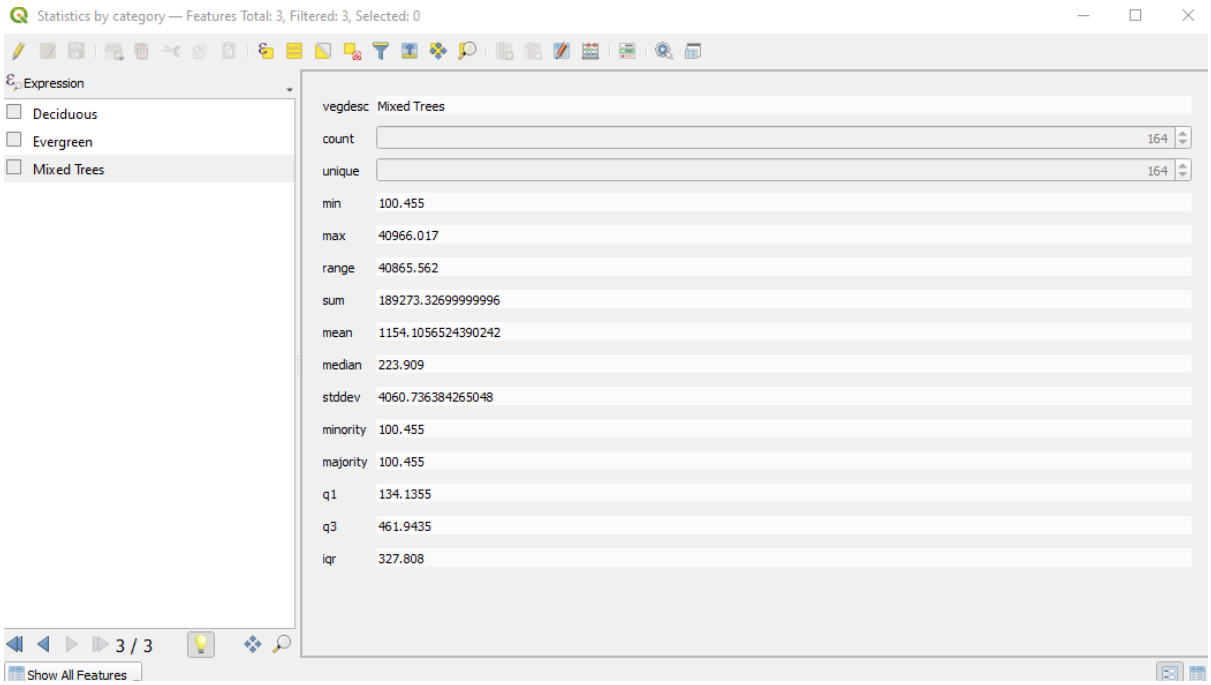
Zad1

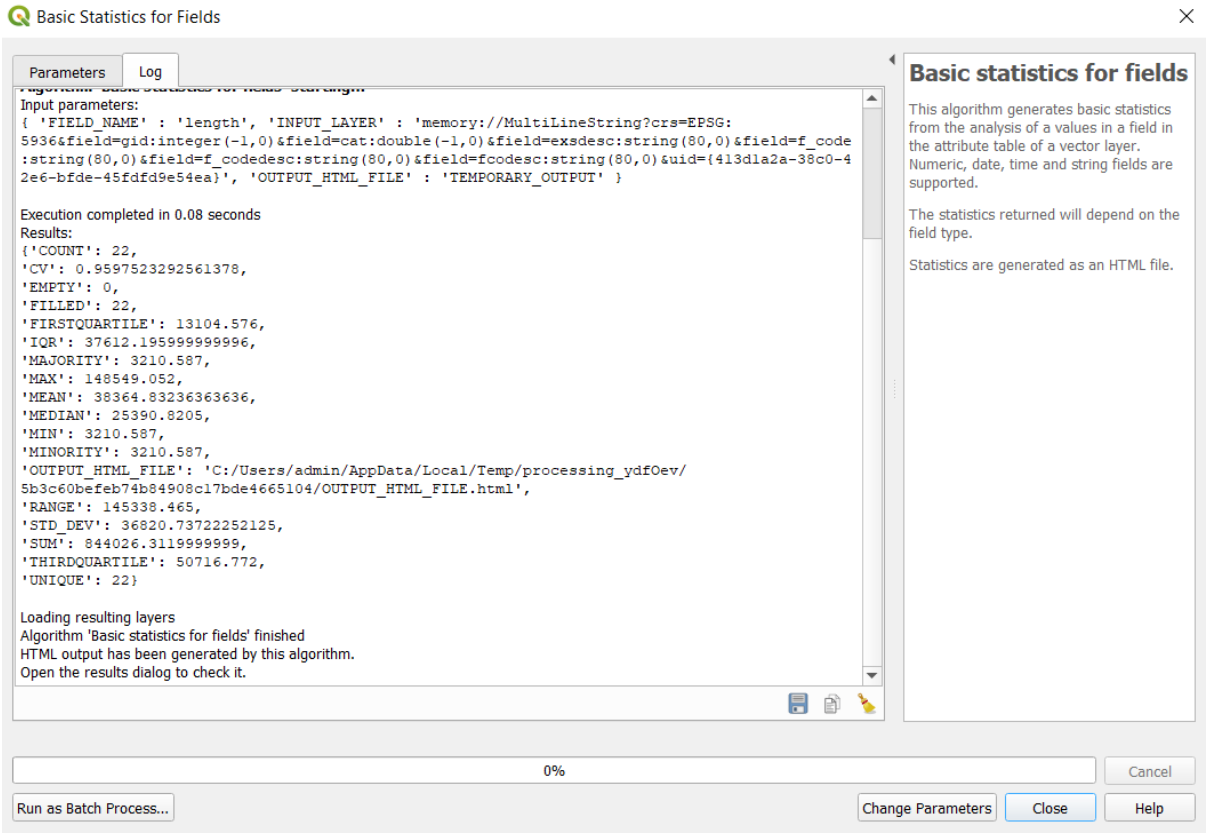

Browser
Favorites
Spatial Bookmarks
Home
C:\ (OS)
D:\ (Gry i zabawy)
GeoPackage
SpatiaLite
PostgreSQL
SAP HANA
Layers
Fixed geometries
trees
Deciduous
Mixed Trees
Evergreen
Processing Toolbox
fix
Recently used
Fix geometries
Vector general
Repair Shapefile
Vector geometry
Buffer
Fix geometries
Rectangles, ovals, diamonds
GDAL
Vector conversion
Rasterize (overwrite with fixed value)


Statistics by category — Features Total: 3, Filtered: 3, Selected: 0
Expression
Deciduous
Evergreen
Mixed Trees
vegdesc Mixed Trees
count 164
unique 164
min 100.455
max 40966.017
range 40865.562
sum 189273.32699999996
mean 1154.1056524390242
median 223.909
stddev 4060.736384265048
minority 100.455
majority 100.455
q1 134.1355
q3 461.9435
iqr 327.808
3 / 3
Show All Features

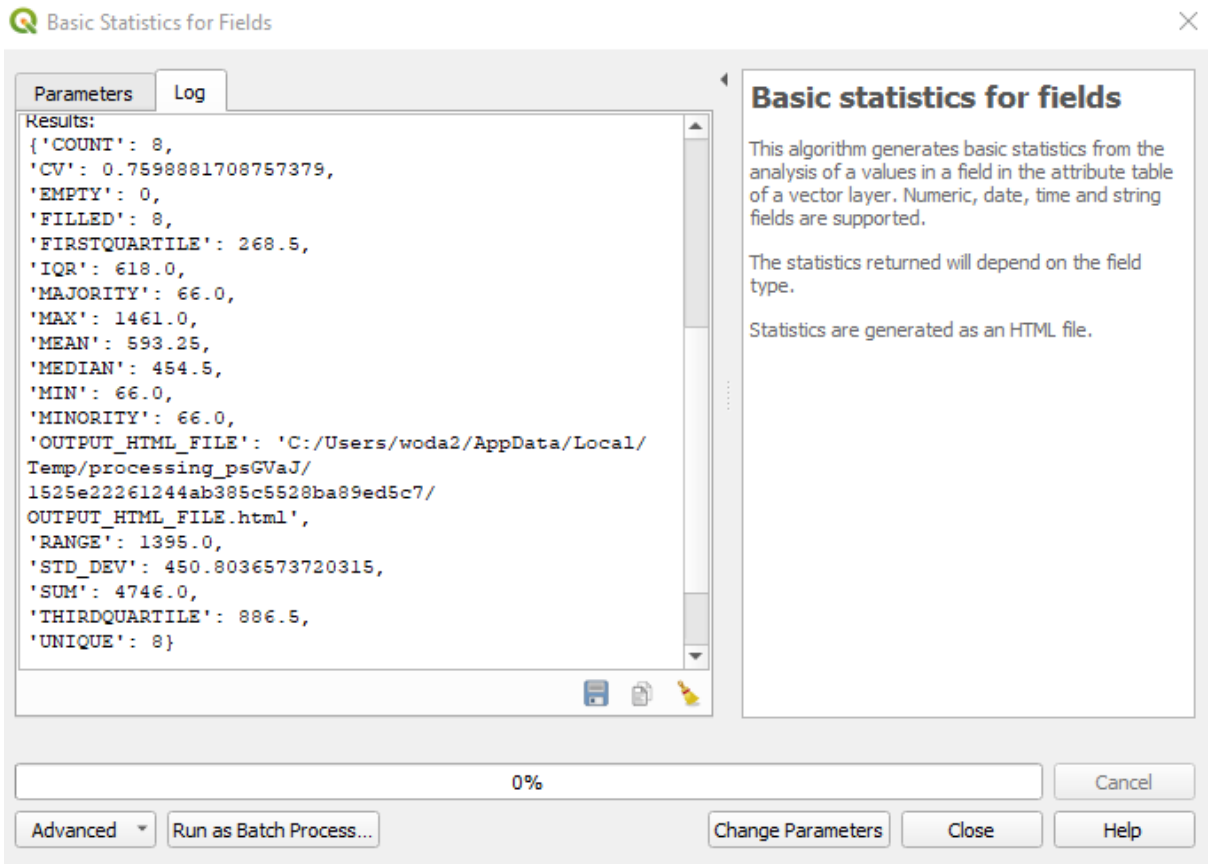
Zad2

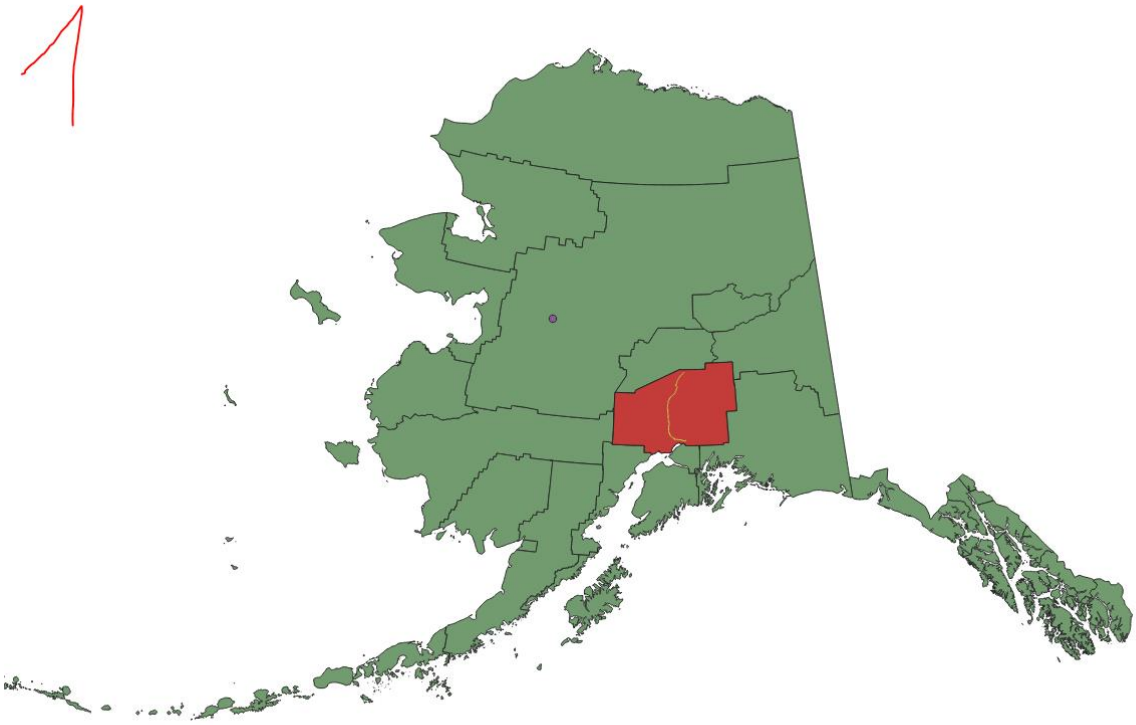
Name	Date modified	Type	Size
qgis_sample_data	02/05/2014 16:28	File folder	
qgis_sample_data.zip	08/11/2022 14:10	Archiwum WinRA...	21,607 KB
vegdesc_Deciduous.csv	08/11/2022 15:26	Microsoft Excel C...	6 KB
vegdesc_Evergreen.csv	08/11/2022 15:26	Microsoft Excel C...	7 KB
vegdesc_Mixed Trees.csv	08/11/2022 15:26	Microsoft Excel C...	8 KB

Zad3

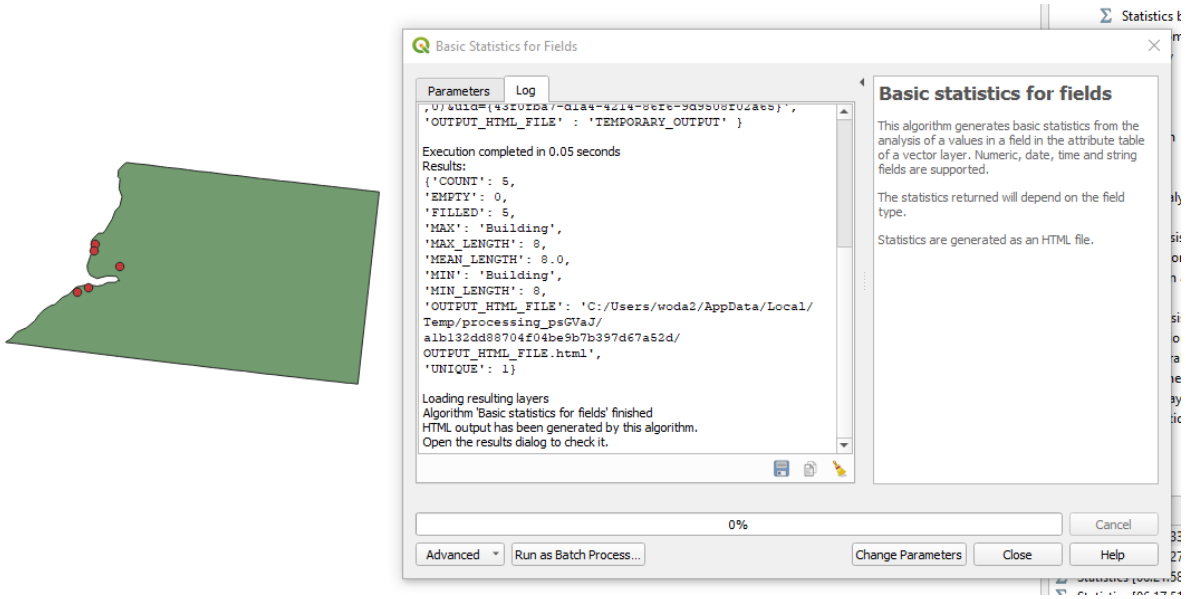


Zad4

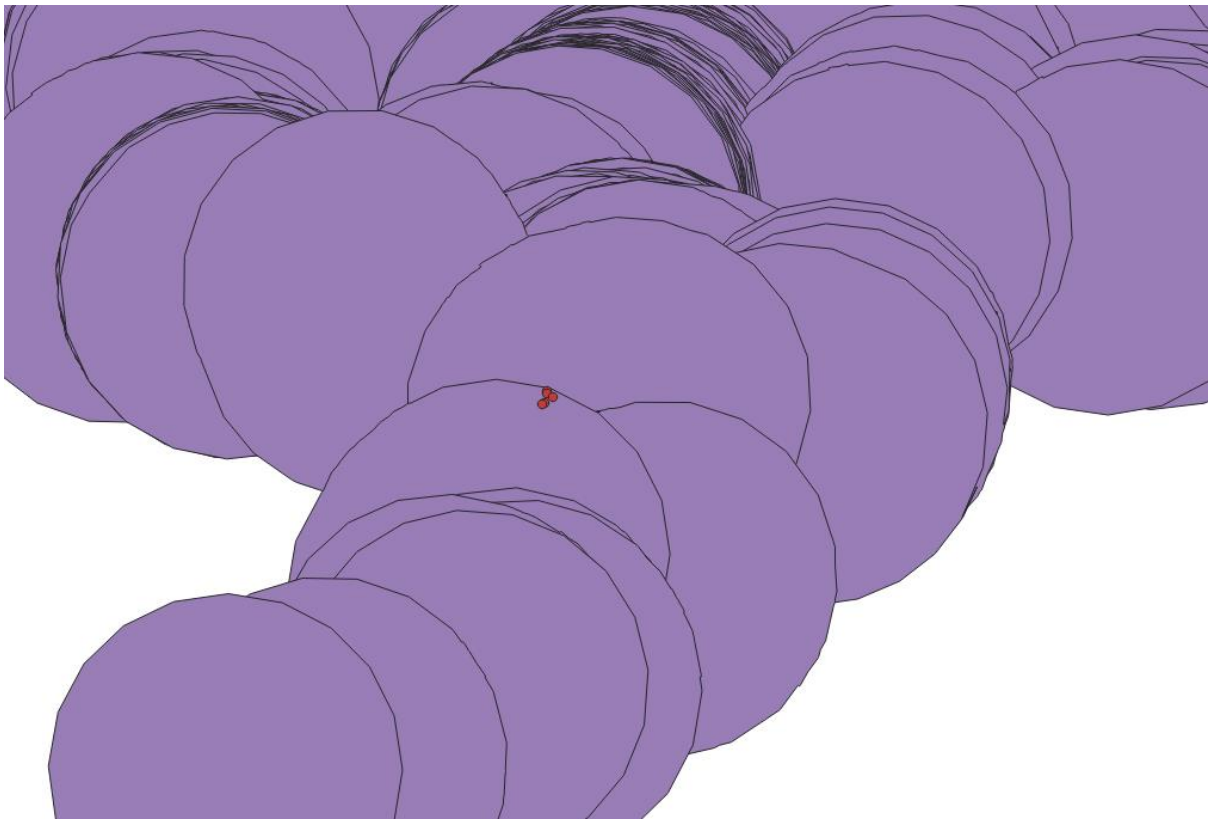

Basic Statistics for Fields
Parameters
Log
Results:
{'COUNT': 8,
'CV': 0.7598881708757379,
'EMPTY': 0,
'FILLED': 8,
'FIRSTQUARTILE': 268.5,
'IQR': 618.0,
'MAJORITY': 66.0,
'MAX': 1461.0,
'MEAN': 593.25,
'MEDIAN': 454.5,
'MIN': 66.0,
'MINORITY': 66.0,
'OUTPUT_HTML_FILE': 'C:/Users/woda2/AppData/Local/
Temp/processing_psGVaJ/
1525e22261244ab385c5528ba89ed5c7/
OUTPUT_HTML_FILE.html',
'RANGE': 1395.0,
'STD_DEV': 450.8036573720315,
'SUM': 4746.0,
'THIRDQUARTILE': 886.5,
'UNIQUE': 8}
Basic statistics for fields
This algorithm generates basic statistics from the analysis of a values in a field in the attribute table of a vector layer. Numeric, date, time and string fields are supported.
The statistics returned will depend on the field type.
Statistics are generated as an HTML file.
0%
Cancel
Advanced
Run as Batch Process...
Change Parameters
Close
Help


1

Zad5

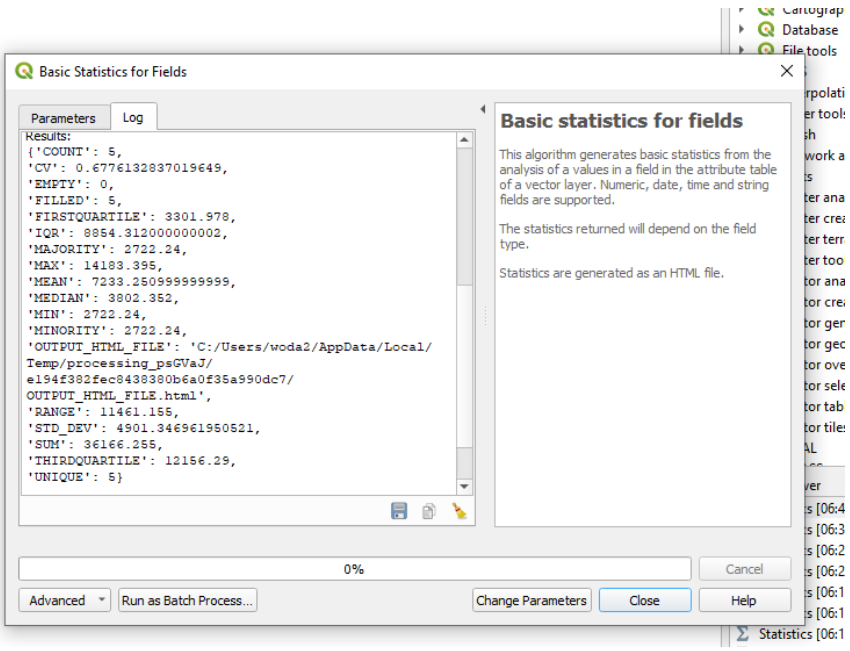


Zad6

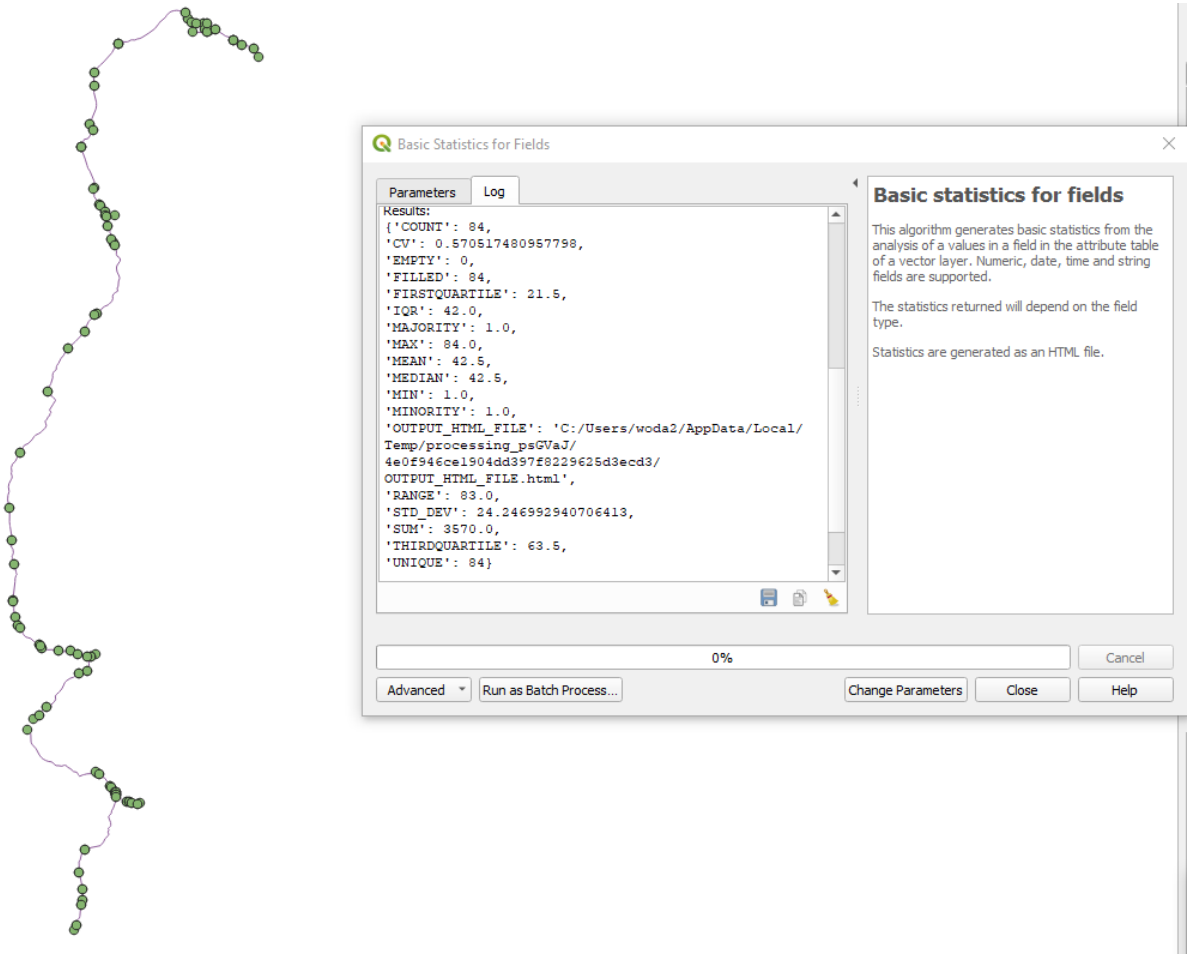


Nadal 5

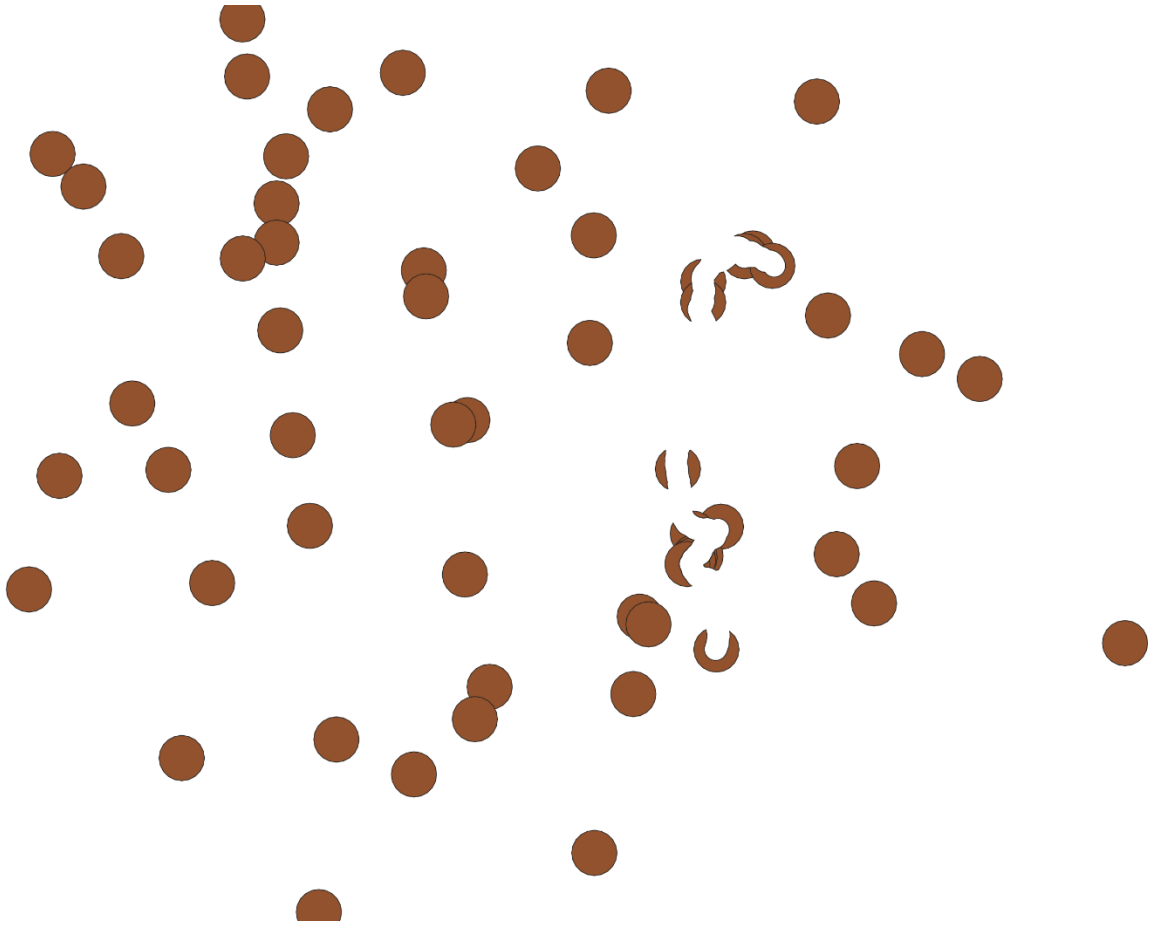
Zad7


Basic Statistics for Fields
Parameters
Log
Results:
{'COUNT': 5,
'CV': 0.6776132837019649,
'EMPTY': 0,
'FILLED': 5,
'FIRSTQUARTILE': 3301.978,
'IQR': 8854.312000000002,
'MAJORITY': 2722.24,
'MAX': 14183.395,
'MEAN': 7233.250999999999,
'MEDIAN': 3802.352,
'MIN': 2722.24,
'MINORITY': 2722.24,
'OUTPUT_HTML_FILE': 'C:/Users/woda2/AppData/Local/
Temp/processing_psGVaJ/
e194f382fec8438380b6a0f35a990dc7/
OUTPUT_HTML_FILE.html',
'RANGE': 11461.155,
'STD_DEV': 4901.346961950521,
'SUM': 36166.255,
'THIRDQUARTILE': 12156.29,
'UNIQUE': 5}
Basic statistics for fields
This algorithm generates basic statistics from the analysis of a values in a field in the attribute table of a vector layer. Numeric, date, time and string fields are supported.
The statistics returned will depend on the field type.
Statistics are generated as an HTML file.
0%
Cancel
Advanced
Run as Batch Process...
Change Parameters
Close
Help
Database
File tools
Statistics [06:1

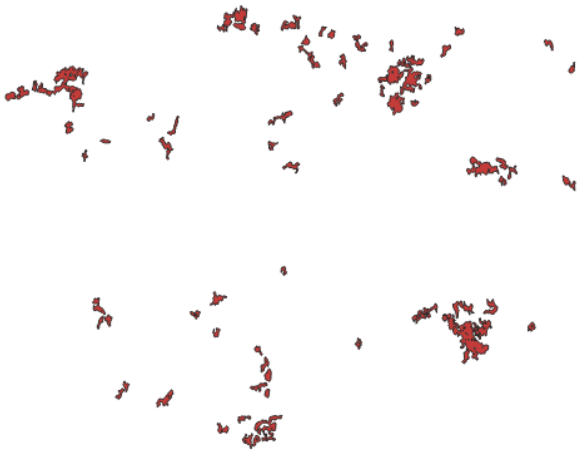
Zad8


Basic Statistics for Fields
Parameters
Log
Results:
{'COUNT': 84,
'CV': 0.570517480957798,
'EMPTY': 0,
'FILLED': 84,
'FIRSTQUARTILE': 21.5,
'IQR': 42.0,
'MAJORITY': 1.0,
'MAX': 84.0,
'MEAN': 42.5,
'MEDIAN': 42.5,
'MIN': 1.0,
'MINORITY': 1.0,
'OUTPUT_HTML_FILE': 'C:/Users/woda2/AppData/Local/
Temp/processing_psGVaJ/
4e0f946ce1904dd397f8229625d3ecd3/
OUTPUT_HTML_FILE.html',
'RANGE': 83.0,
'STD_DEV': 24.246992940706413,
'SUM': 3570.0,
'THIRDQUARTILE': 63.5,
'UNIQUE': 84}
Basic statistics for fields
This algorithm generates basic statistics from the analysis of a values in a field in the attribute table of a vector layer. Numeric, date, time and string fields are supported.
The statistics returned will depend on the field type.
Statistics are generated as an HTML file.
0%
Cancel
Advanced
Run as Batch Process...
Change Parameters
Close
Help

Zad9



Zad10

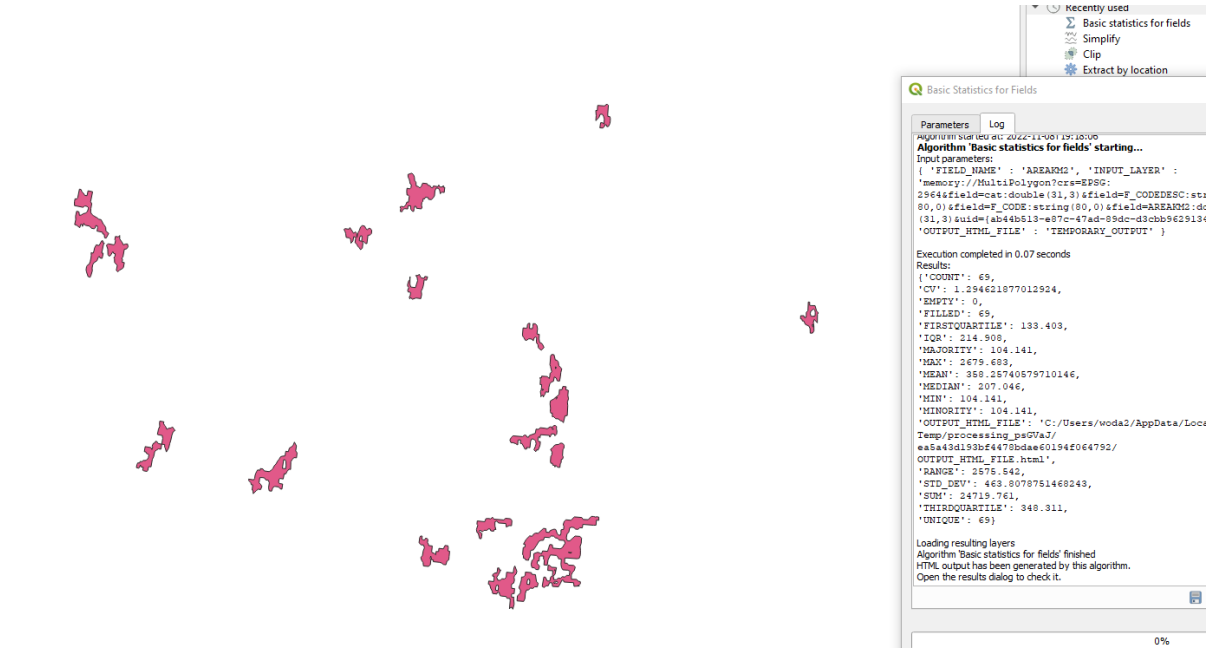


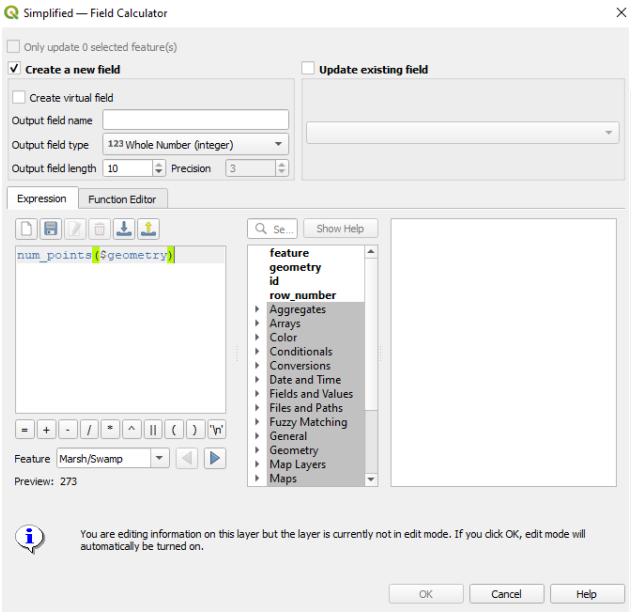
Parameters | Log

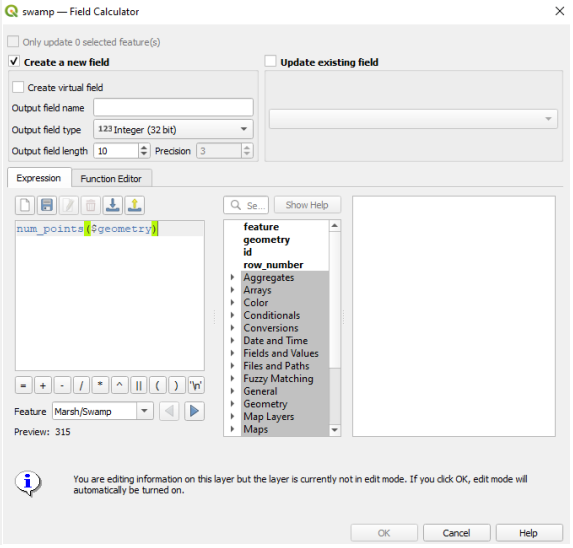
```
GEOS version: 3.10.3-CAPI-1.16.1
PROJ version: Rel. 9.1.0, September 1st, 2022
PDAL version: 2.4.3 (git-version: 434757)
Algorithm started at: 2022-11-08T19:15:21
Algorithm 'Basic statistics for fields' starting...
Input parameters:
{ 'FIELD_NAME' : 'AREAKM2', 'INPUT_LAYER' : 'D:\
\BDP\\Cw4\\qgis_sample_data\\shapefiles\\swamp.shp',
'OUTPUT_HTML_FILE' : 'TEMPORARY_OUTPUT' }

Execution completed in 0.07 seconds
Results:
{'COUNT': 69,
'CV': 1.294621877012924,
'EMPTY': 0,
'FILLED': 69,
'FIRSTQUARTILE': 133.403,
'IQR': 214.908,
'MAJORITY': 104.141,
'MAX': 2679.683,
'MEAN': 358.25740579710146,
'MEDIAN': 207.046,
'MIN': 104.141,
'MINORITY': 104.141,
'OUTPUT_HTML_FILE': 'C:/Users/woda2/AppData/Local/
Temp/processing_psGVaJ/
8a0296fle375485896fd33de7da4ala3/
OUTPUT_HTML_FILE.html',
'RANGE': 2575.542,
'STD_DEV': 463.8078751468243,
'SUM': 24719.761,
'THIRDQUARTILE': 348.311,
'UNIQUE': 69}

Loading resulting layers
Algorithm 'Basic statistics for fields' finished
HTML output has been generated by this algorithm.
Open the results dialog to check it.
```


Recently used
Basic statistics for fields
Simplify
Clip
Extract by location
Basic Statistics for Fields
Parameters
Log
Algorithm 'Basic statistics for fields' starting...
Input parameters:
{ 'FIELD_NAME' : 'AREAKM2', 'INPUT_LAYER' :
'memory://MultiPolygon?crs=EPSG:
29644&field=cat:double(31,3)&field=F_CODEDESC:st
80,0)&field=F_CODE:string(80,0)&field=AREAKM2:d
(31,3)&uid={ab44b513-e87c-47ad-89dc-d3cbb962513
'OUTPUT_HTML_FILE' : 'TEMPORARY_OUTPUT' }
Execution completed in 0.07 seconds
Results:
{'COUNT': 69,
'CV': 1.29462187701292 4,
'EMPTY': 0,
'FILLED': 69,
'FIRSTQUARTILE': 133.403,
'IQR': 214.908,
'MAJORITY': 104.141,
'MAX': 2679.683,
'MEAN': 358.25740579710146,
'MEDIAN': 207.046,
'MIN': 104.141,
'MINORITY': 104.141,
'OUTPUT_HTML_FILE': 'C:/Users/woda2/AppData/Loca
Temp/processing_psGVaJ/
ea5a43d193bf4478bdae60194f064792/
OUTPUT_HTML_FILE.html',
'RANGE': 2575.542,
'STD_DEV': 463.8078751468243,
'SUM': 24719.761,
'THIRDQUARTILE': 348.311,
'UNIQUE': 69}
Loading resulting layers
Algorithm 'Basic statistics for fields' finished
HTML output has been generated by this algorithm.
Open the results dialog to check it.
0%


Simplified — Field Calculator
Only update 0 selected feature(s)
Create a new field
Update existing field
Create virtual field
Output field name
Output field type
Whole Number (integer)
Output field length
10
Precision
3
Expression
Function Editor
num_points($geometry)
Show Help
feature
geometry
id
row_number
Aggregates
Arrays
Color
Conditionals
Conversions
Date and Time
Fields and Values
Files and Paths
Fuzzy Matching
General
Geometry
Map Layers
Maps
Feature
Marsh/Swamp
Preview: 273
You are editing information on this layer but the layer is currently not in edit mode. If you click OK, edit mode will automatically be turned on.
OK
Cancel
Help


swamp — Field Calculator
Only update 0 selected feature(s)
Create a new field
Update existing field
Create virtual field
Output field name
Output field type
Integer (32 bit)
Output field length
10
Precision
3
Expression
Function Editor
num_points($geometry)
Show Help
feature
geometry
id
row_number
Aggregates
Arrays
Color
Conditionals
Conversions
Date and Time
Fields and Values
Files and Paths
Fuzzy Matching
General
Geometry
Map Layers
Maps
Feature
Marsh/Swamp
Preview: 315
You are editing information on this layer but the layer is currently not in edit mode. If you click OK, edit mode will automatically be turned on.
OK
Cancel
Help