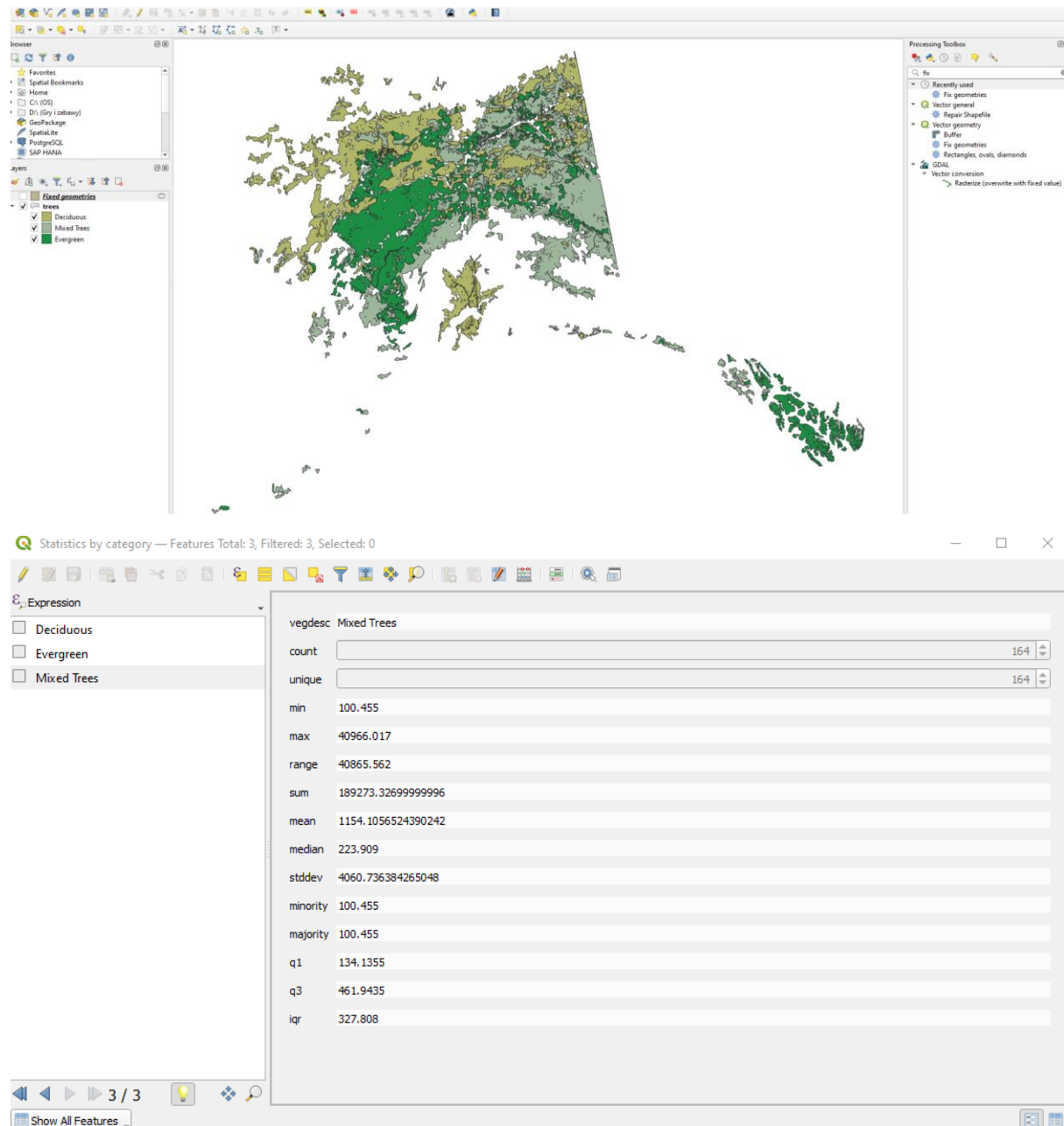



Zad1



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

 Basic Statistics for Fields ×

Parameters

Log

Input parameters:

```
{ 'FIELD_NAME' : 'length', 'INPUT_LAYER' : 'memory://MultiLineString?crs=EPSG:5936&field=gid:integer(-1,0)&field=cat:double(-1,0)&field=xsdesc:string(80,0)&field=f_code:string(80,0)&field=f_codesdesc:string(80,0)&field=foodesc:string(80,0)&uid={413d1a2a-38c0-42e6-bfde-45fd9e54ea}', 'OUTPUT_HTML_FILE' : 'TEMPORARY_OUTPUT' }
```

Execution completed in 0.08 seconds

Results:

```
{'COUNT': 22,  
'CV': 0.9597523292561378,  
'EMPTY': 0,  
'FILLED': 22,  
'FIRSTQUARTILE': 13104.576,  
'IQR': 37612.195999999996,  
'MAJORITY': 3210.587,  
'MAX': 148549.052,  
'MEAN': 38364.83236363636,  
'MEDIAN': 25390.8205,  
'MIN': 3210.587,  
'MINORITY': 3210.587,  
'OUTPUT_HTML_FILE': 'C:/Users/admin/AppData/Local/Temp/processing_ydf0ev/5b3c60befeb74b84908c17bde4665104/OUTPUT_HTML_FILE.html',  
'RANGE': 145338.465,  
'STD_DEV': 36820.73722252125,  
'SUM': 844026.3119999999,  
'THIRDQUARTILE': 50716.772,  
'UNIQUE': 22}
```

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

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

Run as Batch Process...

Change Parameters

Close

Help

Zad4

Basic Statistics for Fields

Parameters Log

Results:

```
{'COUNT': 8,  
'CV': 0.7598881708757379,  
'EMPTY': 0,  
'FILED': 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.

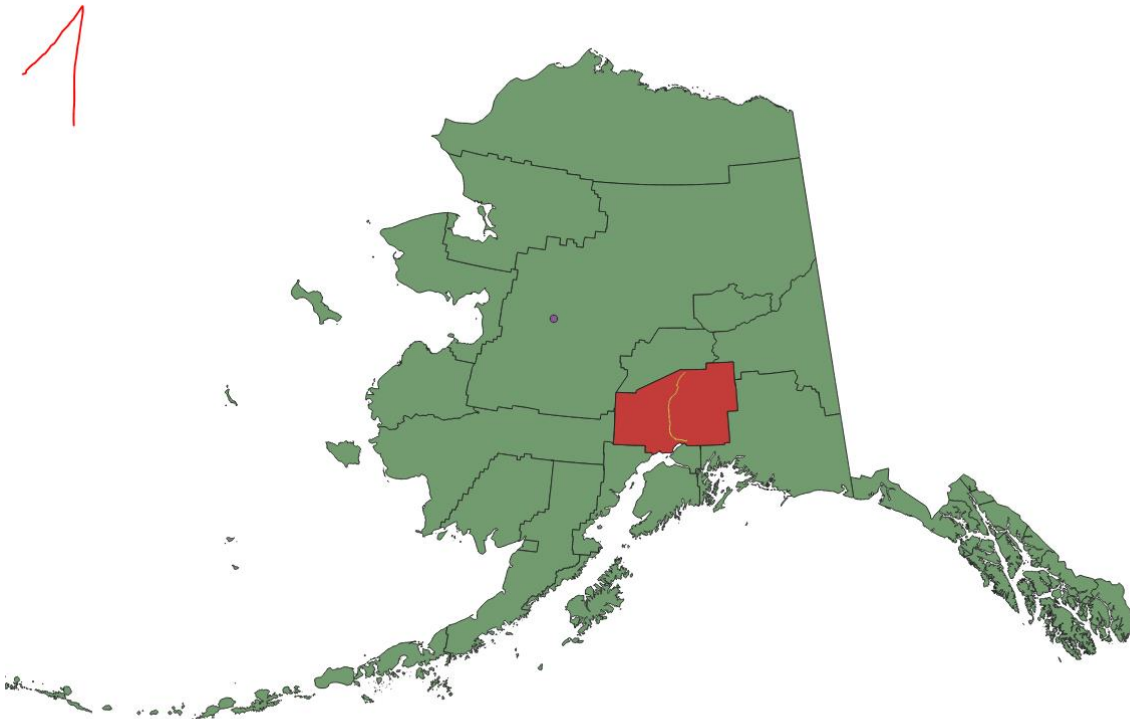
The statistics returned will depend on the field type.

Statistics are generated as an HTML file.

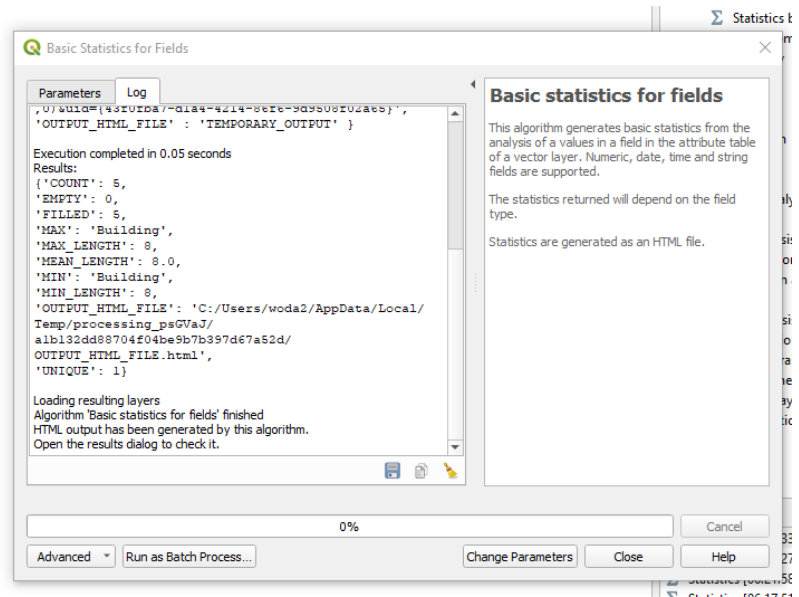
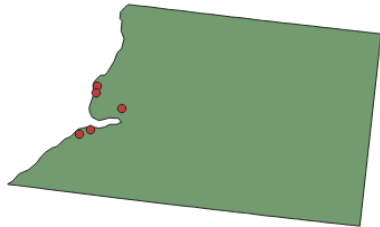
0%

Cancel

Advanced Run as Batch Process... Change Parameters Close Help



Zad5

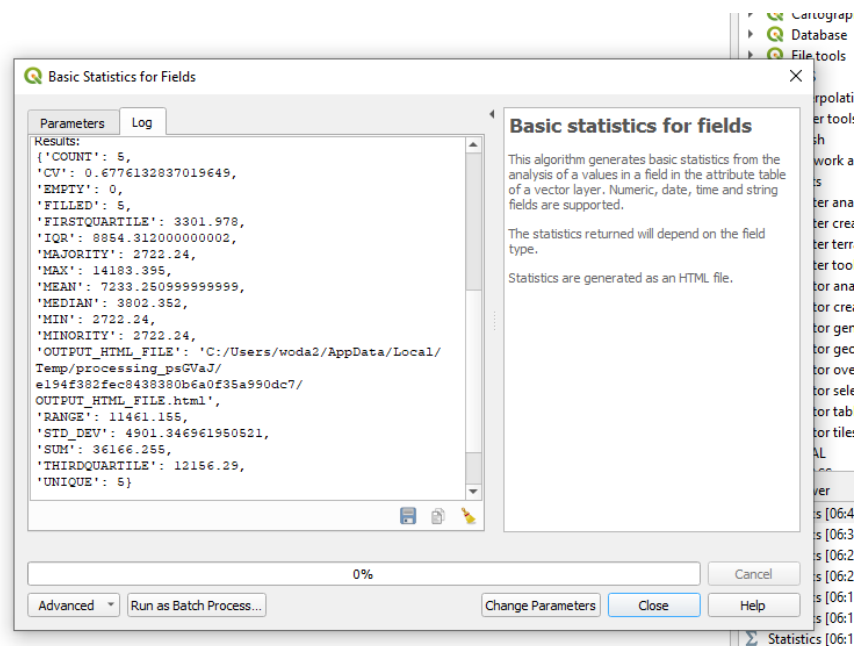


Zad6

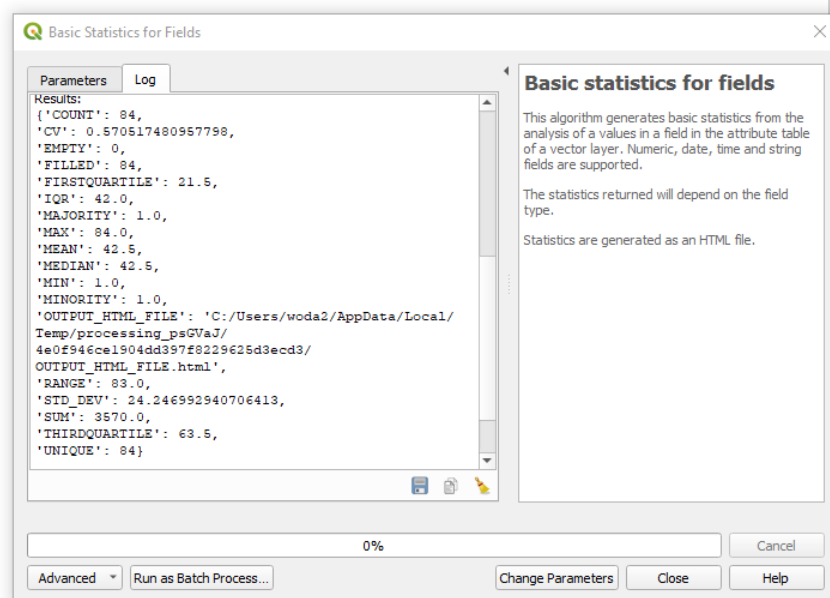
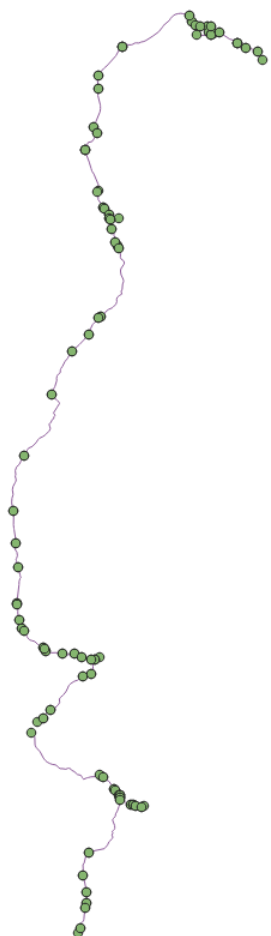


Nadal 5

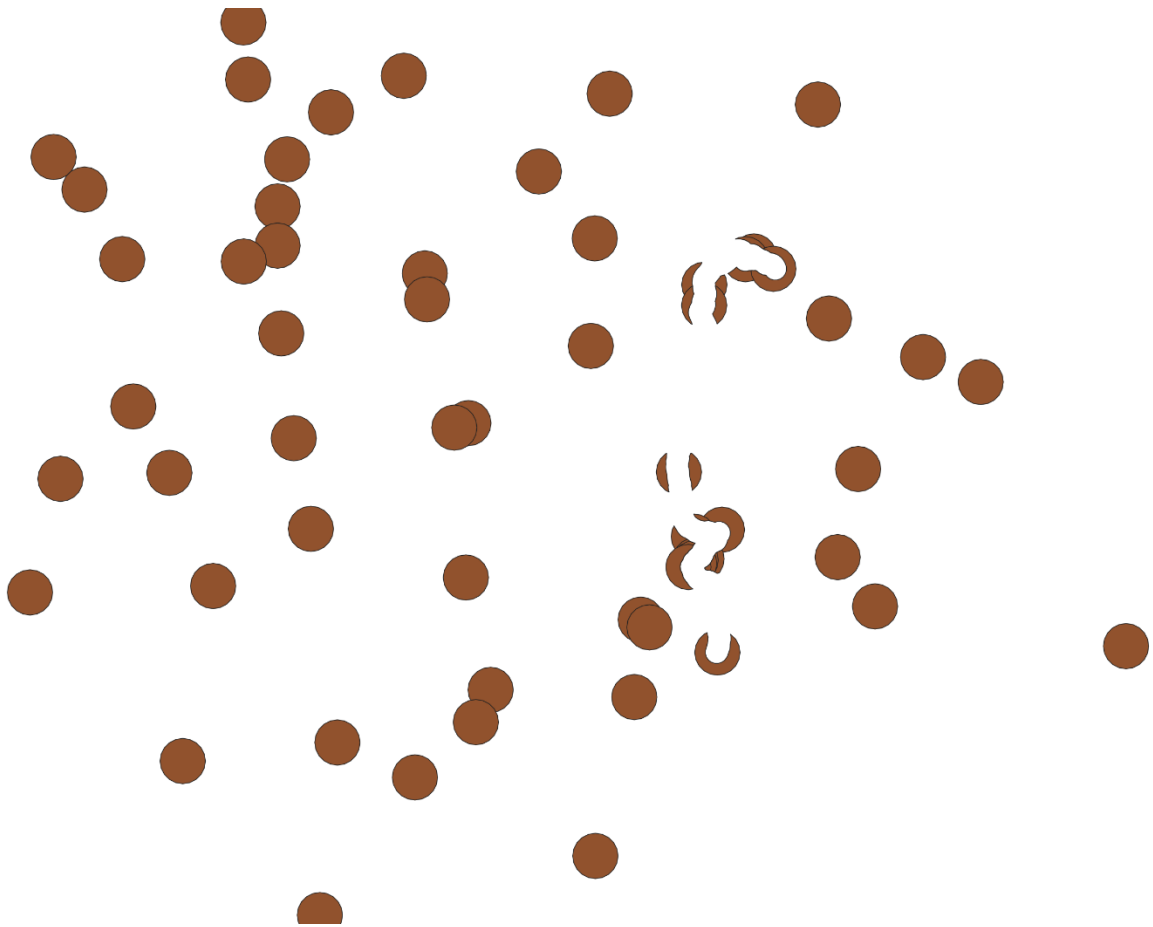
Zad7



Zad8



Zad9



Zad10

Simplified — Field Calculator

☐ Only update 0 selected features

☒ **Create a new field** ☐ **Update existing field**

☐ Create virtual field

Output field name:

Output field type: **Whole number (integer)**

Output field length: Precision:

Expression: Function Editor


Feature: **v/Swamp**

Preview: 220799949651.839539

function \$area

Returns the area of the current feature. The area calculated by this function respects both the current project's ellipsoid setting and area unit settings. For example, if an ellipsoid has been set for the project then the calculated area will be ellipsoidal, and if no ellipsoid is set then the calculated area will be planimetric.

Syntax

 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.

swamp — Field Calculator

☐ Only update 0 selected features

☒ **Create a new field** ☐ **Update existing field**

☐ Create virtual field

Output field name:


Output field type: **Whole number (smallint - 16bit)**

Output field length: Precision:

Expression: Function Editor

Feature: **sh/Swamp**

Preview: 220797771915.666626

 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.

Simplified — Field Calculator

☐ Only update 0 selected feature(s)☒ Create a new field☐ Update existing field☐ Create virtual fieldOutput field name

Output field type 123 Whole Number (integer) ▼

Output field length 10 Precision 3

Expression Function Editor



num_points(\$geometry)

= + - / * ^ || () 'n'

Feature Marsh/Swamp ◀ ▶

Preview: 273

Se... 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



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 fieldOutput field name

Output field type 123 Integer (32 bit) ▼

Output field length 10 Precision 3

Expression Function Editor



num_points(\$geometry)

= + - / * ^ || () 'n'

Feature Marsh/Swamp ◀ ▶

Preview: 315

Se... 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



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