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**OPEN DATA IN LATVIA: TOWARDS QUALITY OR QUANTITY**

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**Introduction**

On February 2021, 452 open data sets were published in Latvia's open data portal, compared to April 2020, an increase of 80 data sets. To assess the quality of the open data, a selection of data sets that have been evaluated or that the data sets correspond to open data standards and methodological materials available in the open data portal was performed

**Research Aim**

To study the open data of the Latvian open data portal in Latvia, to evaluate their quality and compliance with open data standards

Study hypothesis: The increase in the number of open data sets is not a reason for the quality of these data.

**Materials and Methods**

The open data was assessed in two directions: the first – about mandatory metadata and the second evaluation looked at the author's essentials, which should be ensured that open data can be considered comprehensible and ready to use (the data is restored within the specified deadlines, or whether there is a description of the dataset , datasets categories)

**Results**

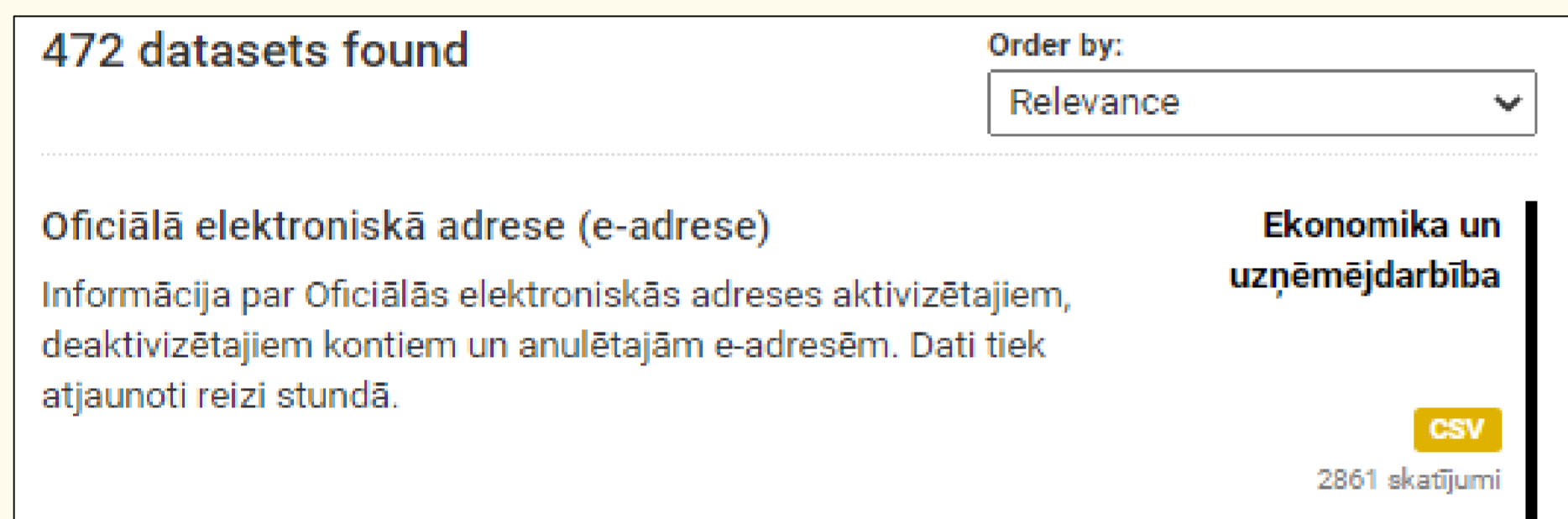


Figure 1. First step - Information what was retrieved from open data portal

|   | A  | B                   | C      | D              | H              | I        |
|---|--|---------------------|--------|----------------|----------------|----------|
|   | Dataset title  | Description         | Groups | File extension | Count of views | Counting |
| 2 | Nekustamo īpašumu karte (Nodrošinājuma valsts  | Nodrošinājuma va    | Cits   | XLSX           | 525            | 1        |
| 3 | Piešķirtais de minimis atbalsts Latvijā  | Aktuālā informācij  | Cits   | HTML           | 427            | 2        |
| 4 | Zinātnisko publikāciju skaits Web of Science datubāzē 1997-2019                              | Latvijas zinātnisko | Cits   | CSV            | 310            | 3        |
| 5 | Licencētās makšķerēšanas ūdenstilpes   | Datu kopa par ūde   | Cits   | OData          | 186            | 4        |
| 6 | Smagie satiksmes negadījumi Valsts ceļu tīklā 2016-2019 gadi                                 | Negadījumi ar ciet  | Cits   | CSV            | 174            | 5        |
| 7 | Topogrāfiskā karte mērogā 1:50 000, 2. izdevums Cēsu novada pašvaldības aģentūras „Sociālais | Karšu lapu dalījum  | Cits   | Nav            | 166            | 1        |

Figure 2. Second step – information was prepared for analyse (viewed every fifth dataset)

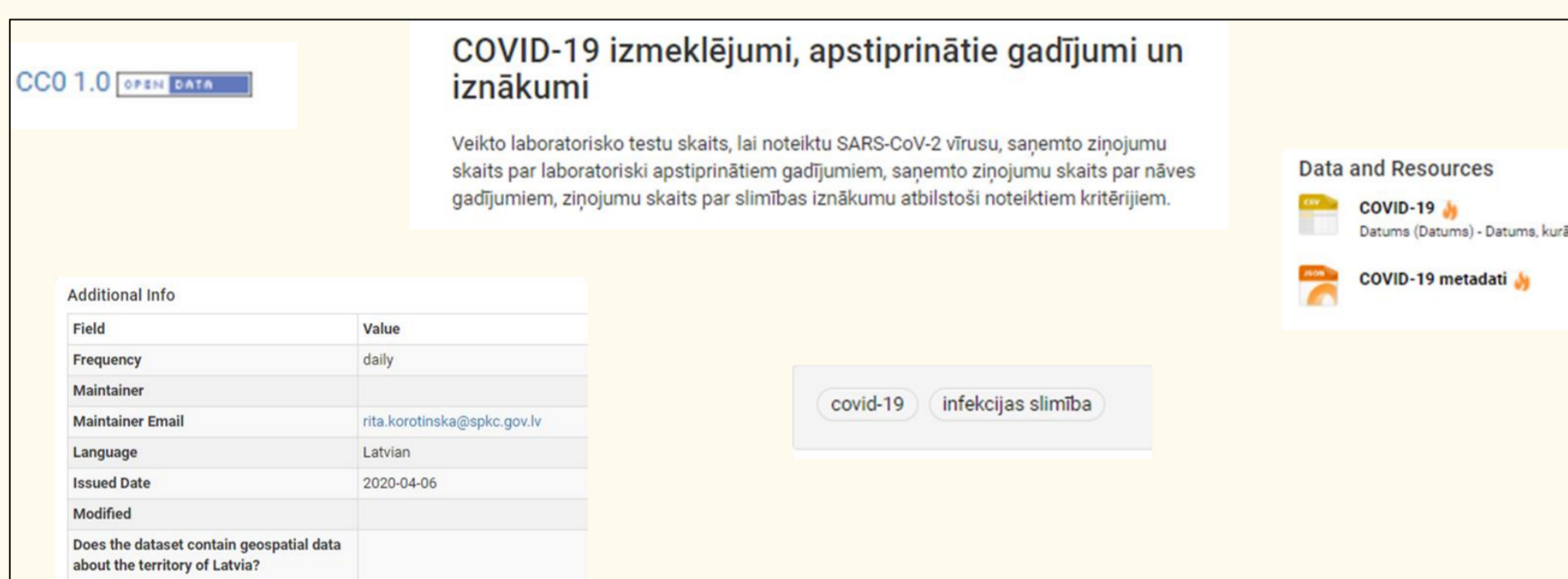


Figure 3. Mandatory metadata of open data portal

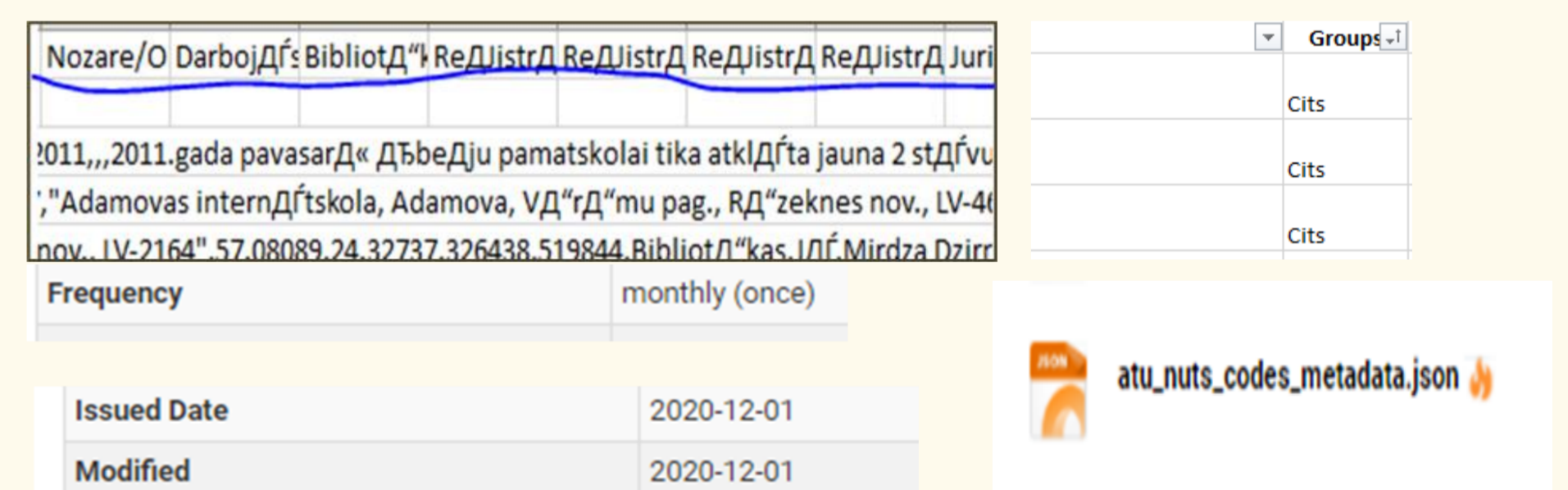


Figure 4. Problems what was find: Latvian diacristic signs in column names, no regular updates, no categories, no description in separate file

Table 1  
 The results of first evolution direction

| Name of dataset | Link to dataset | Licence | Key Words | Publisher |
|-----------------|-----------------|---------|-----------|-----------|
| 75              | 75              | 75      | 75        | 75        |
| 100%            | 100%            | 100%    | 100%      | 100%      |

Table 2  
 The results of second evolution direction

| Number of data sets | Compliance with general open data principles Count | Data set description Count | Renewal in time Count | Appropriate category Count |
|---------------------|--|----------------------------|-----------------------|----------------------------|
| 75                  | 49   | 9                          | 45                    | 54                         |
| 100%                | 63,64%   | 11,69%                     | 58,44%                | 70,13%                     |

**Conclusions**

1. All quality criteria were met only in some of the sampling data sets viewed by the author, for second direction
2. Mandatory metadata was present in all cases
3. Better to publish any data than not to publish anything (Berners-Lee)

**Contacts**