

GEOjson Spain Map files

Map layers for Custom Maps

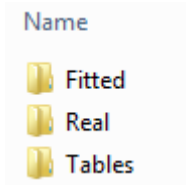
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EMEA SWAT TEAM | JULY 2017



Spain GEOjson Maps

This package contains 3 different folders:

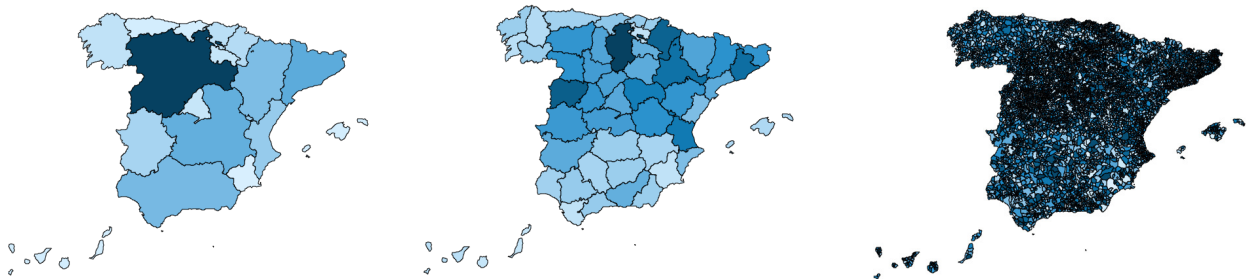


Real and **Fitted** folders contains GEOjson maps for Spain at 3 different levels (in order of detail):

Autonomous Communities

Provinces

Municipalities



Each level provides the following fields for identification:

Autonomous Communities (AC):

AC_ID: 4char field, 2 first chars are always "AC" 2 last are just sequential numbers.

AC_ISO: Standard ISO code 3166-2-ES. Available here: https://en.wikipedia.org/wiki/ISO_3166-2:ES

AC_NAME: Name of the autonomous community

Provinces (PR):

PROVINCE_ID: 4char field, 2 first chars are always "PR" 2 last are just sequential numbers.

PROVINCE_ISO: Standard ISO code 3166-2-ES. Available here:

https://en.wikipedia.org/wiki/ISO_3166-2:ES

PROVINCE_NAME: Name of the province

Municipalities (MU):

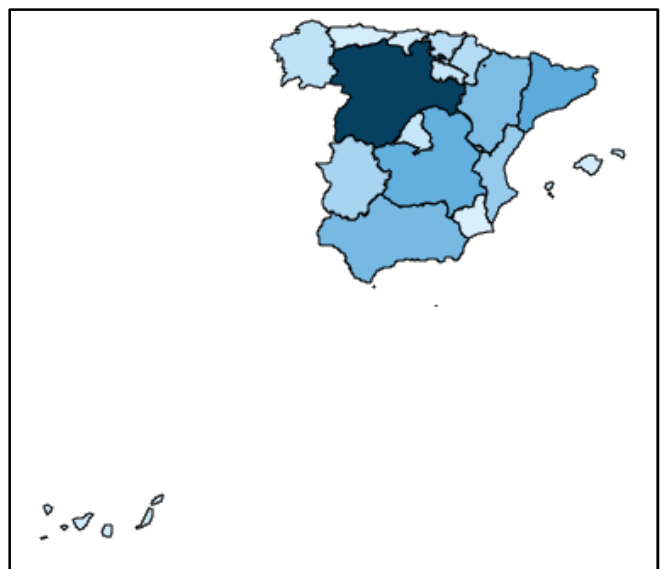
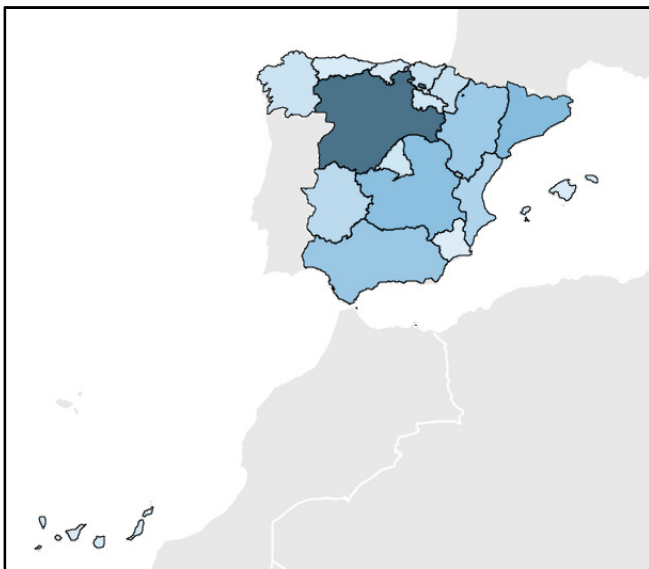
MUNICIPALITY_ID: 6char field, 2 first chars are always "MU" 4 last are just sequential numbers.

MUNICIPALITY_NAME: Name of the municipality. Note that there are around 8000 municipalities.

Some of them have special characters from Spanish like 'ñ' or 'ç' and others have accents. Some even are in the local language (Galician, Catalan, Basque...). In addition, there are more than one municipality with the same name in different provinces. So, it is recommendable to use not only the municipality name but also any other level (autonomous community or province).

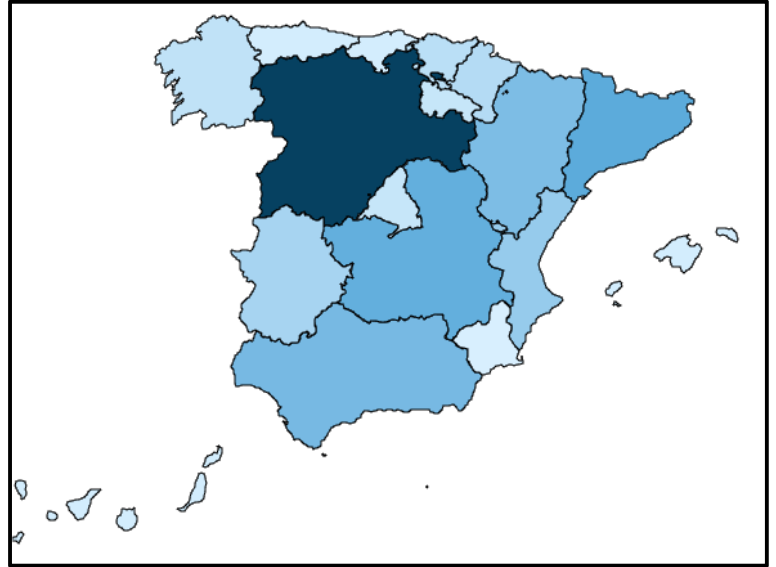
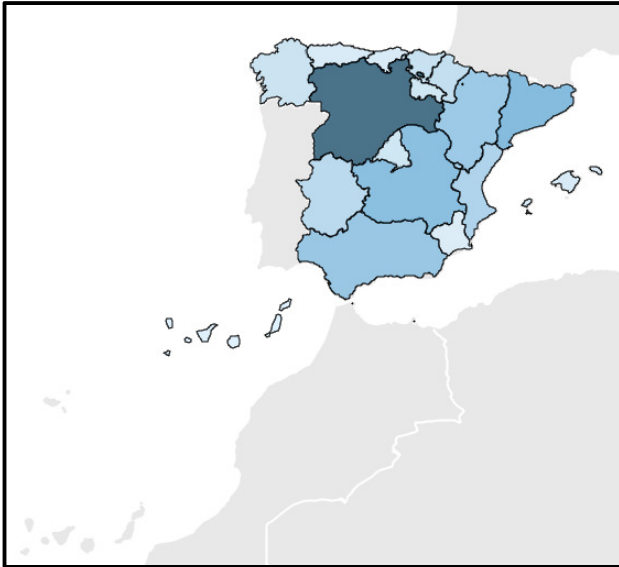
Only difference between **Real** and **Fitted** is the location of the Canary Islands. In the **Real** version, Canary Islands are in their real coordinates, so they will be drawn far from Spain. Adding a background layer will show Canary Islands in the right place.

Example of the **Real** version:



Many times we just want to show Spain, and not other countries, so **Fitted** version shows Canary Islands close to Spain, in a wrong location, but resulting map fits better in the screen. Adding a background layer will shown Canary Islands in the wrong location.

Here is an example of the **Fitted** version:



Tables folder contains 3 sql files (one for each level of detail: autonomous communities, provinces and municipalities) with the DDL command and the inserts for a Database Table.

These tables were the base for the GEOjson files. They contain same columns plus other ones used for the initial creation and transform (they do not add any relevant info). Each table has 2 geometry columns: One with the real coordinates and one with the **Fitted** (that only differs in the coordinates for Canary Islands). Both geometry columns are of the type SDO_GEOMETRY and in the SRID3857. You will need an Oracle Database with Spatial option to import them.

IDROW	AC_ID	AC_NAME	AC_ISO	GEOM3857	ORIS_ID	GEOM3857_REAL
1	1AC01	Andalucía	ES-AN	[MDSYS.SDO_GEOMETRY]	01	[MDSYS.SDO_GEOMETRY]
2	2AC02	Aragón	ES-AR	[MDSYS.SDO_GEOMETRY]	02	[MDSYS.SDO_GEOMETRY]
3	3AC03	Asturias	ES-AS	[MDSYS.SDO_GEOMETRY]	03	[MDSYS.SDO_GEOMETRY]
4	4AC04	Baleares	ES-IB	[MDSYS.SDO_GEOMETRY]	04	[MDSYS.SDO_GEOMETRY]
5	5AC05	Canarias	ES-CN	[MDSYS.SDO_GEOMETRY]	05	[MDSYS.SDO_GEOMETRY]
6	6AC06	Cantabria	ES-CB	[MDSYS.SDO_GEOMETRY]	06	[MDSYS.SDO_GEOMETRY]
7	7AC07	Castilla y León	ES-CL	[MDSYS.SDO_GEOMETRY]	07	[MDSYS.SDO_GEOMETRY]
8	8AC08	Castilla La Mancha	ES-CM	[MDSYS.SDO_GEOMETRY]	08	[MDSYS.SDO_GEOMETRY]
9	9AC09	Cataluña	ES-CT	[MDSYS.SDO_GEOMETRY]	09	[MDSYS.SDO_GEOMETRY]
10	10AC10	Valencia	ES-VC	[MDSYS.SDO_GEOMETRY]	10	[MDSYS.SDO_GEOMETRY]
11	11AC11	Extremadura	ES-EX	[MDSYS.SDO_GEOMETRY]	11	[MDSYS.SDO_GEOMETRY]
12	12AC12	Galicia	ES-GA	[MDSYS.SDO_GEOMETRY]	12	[MDSYS.SDO_GEOMETRY]
13	13AC13	Madrid	ES-MD	[MDSYS.SDO_GEOMETRY]	13	[MDSYS.SDO_GEOMETRY]
14	14AC14	Murcia	ES-MC	[MDSYS.SDO_GEOMETRY]	14	[MDSYS.SDO_GEOMETRY]
15	15AC15	Navarra	ES-NC	[MDSYS.SDO_GEOMETRY]	15	[MDSYS.SDO_GEOMETRY]
16	16AC16	País Vasco	ES-PV	[MDSYS.SDO_GEOMETRY]	16	[MDSYS.SDO_GEOMETRY]
17	17AC17	Riopa	ES-RI	[MDSYS.SDO_GEOMETRY]	17	[MDSYS.SDO_GEOMETRY]
18	18AC18	Ceuta	ES-CE	[MDSYS.SDO_GEOMETRY]	20	[MDSYS.SDO_GEOMETRY]
19	19AC19	Melilla	ES-ML	[MDSYS.SDO_GEOMETRY]	21	[MDSYS.SDO_GEOMETRY]