# CU25\_MODEL\_DEVELOPMENT\_04\_ejemplo\_mapa

June 13, 2023

#

CU25\_Modelo de gestión de Lista de Espera Quirúrgica

## 1 IV. Model development

En este anexo se incluye el código utilizado durante el desarrollo de los modelos incluidos en el caso de uso.

### 1.1 Ejemplo mapa simulación

```
[1]: Sys.setlocale(category = "LC_ALL", locale = "es_ES.UTF-8")

'es_ES.UTF-8/es_ES.UTF-8/es_ES.UTF-8/C'
```

#### 1.1.1 Paquetes

```
[2]: library(readr)
    library(tidyr)
    library(dplyr)
    library(sf)
    library(leaflet)
```

Attaching package: 'dplyr'

The following objects are masked from 'package:stats':

filter, lag

The following objects are masked from 'package:base':

intersect, setdiff, setequal, union

Linking to GEOS 3.10.2, GDAL 3.4.2, PROJ 8.2.1; sf\_use\_s2() is TRUE

#### 1.1.2 Datos

Reading layer `CU\_25\_05\_03\_areasgeo' from data source

`/Users/emilio.lcano/academico/gh\_repos/\_\_transferencia/citizenlab/CitizenLab-Research-and-Development/casos\_urjc/notebooks/IV\_model\_development/25\_listas\_espera/CU\_25\_05\_03\_areasgeo.json'

using driver `GeoJSON'

Simple feature collection with 11 features and 3 fields

Geometry type: MULTIPOLYGON

Dimension: XY

Bounding box: xmin: -4.580315 ymin: 39.88284 xmax: -3.054265 ymax: 41.16397

Geodetic CRS: WGS 84

#### 1.2 Mapa

HTML widgets cannot be represented in plain text (need html)