

---

## DS\_2019S\_Population and Erasmus Students in Austria

*A Data Management Plan created using DMPonline*

**Creator:** Carlos Alberto Vargas Rivera

**Affiliation:** Universitaet Wien - University of Vienna (Austria)

**Template:** Universitaet Wien - University of Vienna (Austria)

**ORCID iD:** <https://orcid.org/0000-0002-1757-3249>

### **Project abstract:**

This experiment shows the composition of the population in Vienna regarding the country of origin of the habitants with a permanent residence from 2008 to 2028. The goal of the experiment is to characterize the distribution in terms of gender and age in the year 2012. Furthermore, in the second part of the experiment, it is analyzed the origin of the Erasmus students coming to Austria from other countries in Europe regarding the grant in euros that they receive, the age, the number of ECTS that they enrol and the gender, characterizing these features in box plots to represent the distribution of the samples.

**Last modified:** 23-04-2019

# DS\_2019S\_Population and Erasmus Students in Austria

---

## 1. Administrative Data

### Title of the project

Distribution of age and gender of the habitants and the Erasmus students coming to the City of Vienna in Austria regarding the Country of Origin in the year 2012.

### Author of this document

Carlos Alberto Vargas Rivera

ORCID: <https://orcid.org/0000-0002-1757-3249>

### Contact Person for the Data Management Plan

carlosvargas9103@gmail.com

+43 677 629 18161

### Version of the Document and Date

Version 1.1

22.04.2019

## 2. Data Collection

### What type and amount of data will you generate?

Two datasets in Tables with a CSV format:

1. Catalog Population according to foreign origin since 2011 Vienna

Name: vie\_105.csv

Size: 178 KB

URL: [https://www.wien.gv.at/statistik/ogd/vie\\_105.csv](https://www.wien.gv.at/statistik/ogd/vie_105.csv)

2. Raw data of Erasmus student mobility (study exchanges and work placements in 2012-13).

Name: SM\_2012\_13\_20141103\_01.csv

Size: 44697 KB

URL: [http://data.europa.eu/euodp/data/uploads/EAC/SM\\_2012\\_13\\_20141103\\_01.csv](http://data.europa.eu/euodp/data/uploads/EAC/SM_2012_13_20141103_01.csv)

Generated data:

1. Jupyter Notebook created with the experiment and images that represent the insights:

DOI 10.17605/OSF.IO/RCMZG

URL1: [https://osf.io/p6bm7/?view\\_only=c80fbe5383d040f0923670a9c826298e](https://osf.io/p6bm7/?view_only=c80fbe5383d040f0923670a9c826298e)

URL2: [https://github.com/carlosvar9103/DS\\_LAB1\\_2019S.git](https://github.com/carlosvar9103/DS_LAB1_2019S.git)

2. Figures that represent the insights of the experiment:

Name: images.zip

Size: 404 KB

DOI 10.17605/OSF.IO/D3ZG5

### How will the data be collected or created?

The data is collected by the Magistrat Wien - Magistratsabteilung 23 - Wirtschaft, Arbeit and Statistik, the European Governments and public sector, Education, culture and sport, International issues, Health, Population and society.

### 3. Documentation

#### What documentation will accompany the data?

One Jupyter notebook used to read, transform and create the graphics of the insights. There is also a metadata file in XML format and a README.md to guide the initial set up to run the code.

### 4. Metadata

#### What metadata will accompany the data?

study, student, exchange, mobility, age, master, 2012, gender, bachelor, Erasmus, home country, country origin, grant, host country, ects, gender, vienna, wien, population, Wiener Bevölkerungsregister, WBR, wien, migration.

### 5. Ethics and Legal Compliance

#### How will you manage any ethical issues?

The data generated is anonymous.

#### How will you manage copyright and Intellectual Property Rights (IPR) issues?

Creative Commons Attribution NonCommercial (CC BY-NC)

### 6. Storage and Backup

#### How will the data be stored and backed up during the research?

The raw datasets are preserved by the governmental authorities of the sources and the produced data is preserved in the GitHub repository ([https://github.com/carlosvar9103/DS\\_LAB1\\_2019S.git](https://github.com/carlosvar9103/DS_LAB1_2019S.git))

#### How will you manage access and security?

Public access

### 7. Selection and Preservation

#### Which data should be retained, shared and/or preserved?

The images of the insights and the Jupyter notebooks with the python codes will be preserved in the public repository.

#### What is the long-term preservation plan for the dataset?

Public and free repositories are used to preserve the data in the long-term, there are no costs related.

## 8. Data Sharing

### How will you share the data?

The data is public accessible by the repositories and the official sources (regarding the raw data), the reader can share it according to the Creative Commons Attribution for NonCommercial proposes (CC BY-NC).

### How will the data be used after completion of the project?

No posterior use is addressed to the data produced, the experiment is limited to academic proposes.

## 9. Responsibilities and Resources

### Who will be responsible for data management?

The author of the experiment is in charge of preserving the repositories and the maintainability of the data.

### What resources will you require to implement your data management plan?

Free public repositories.