Spatial Data Modelling

Population Science

Francisco Rowe

2025-10-18

Table of contents

Welcome

This is the website for the course: "Spatial Data Modelling for Population Science using R". The course was designed and is delivered by Professor Francisco Rowe from the Geographic Data Science Lab at the Department of Geography and Planning from the University of Liverpool, United Kingdom.

> **i** Note
>
> A PDF version of this course is available for download here.

Contact

Francisco Rowe - fcorowe [at] liverpool.ac.uk - Professor in Population Data Science - Roxby Building, University of Liverpool - 74 Bedford St S, Liverpool, L69 7ZT, UK.

Part I

Introduction

1 Overview

2 Environment

3 Assessment

Part II

Content

4 Spatial Data

5 Spatial data manipulation and visualisation

6 Point data analysis

7 Spatial interaction modelling

8 Spatial econometrics

Part III

Supplement

Datasets

References