



Open Data and Research Data Management

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Open Data

- A growing trend among scholars, government agencies and international organisations to share data outputs, codebooks and software.



Research Data Management


- Research data management (RDM) encompasses the control of data inputs, the use of data, the protection of data, and the creation of data outputs.
- RDM covers the description of data and tools; the storage of data during analysis; the provision of clear and accurate metadata; the preservation of data; and - where possible - making research data outputs available to other researchers as open data.

Open Data Discovery & RDM

The screenshot displays the library website interface. At the top, there are two search bars: 'Catalogue' for books, journal titles, and other materials, and 'Articles+' for online articles and book chapters. Below the search bars is a 'My library account' button. The main content area is divided into several columns:

- About the Library:**
 - Apply for Access
 - Opening Hours
 - Floorplans
 - Library Rules
 - People
 - Contacts
- E-resources:**
 - Databases A-Z
 - eJournals
 - eBooks
 - Data Portal
 - How to access
 - More
- Research Guides:**
 - Economics
 - European Union Information
 - History and Civilization
 - Law
 - Political and Social Sciences
 - Research Data Services
- Information for:**
 - EUI members
 - Alumni
 - External Users
 - Visiting Scholars
- Services:**
 - Borrowing
 - Interlibrary Loan
 - User Training
 - Photocopying & Scanning
 - Workspaces & Lockers
 - Request Forms
- Collections:**
 - Cadmus, EUI Repository
 - Virtual Journal Display
 - EUI Theses
 - Newspapers
 - New Acquisitions
 - More
- Latest News:**
 - Trial to Women and Social Movements International:** EUI users have trial access to Women and Social Movements International until 20 November 2016.
 - Login for electronic resources off-campus:** How to login to access electronic resources off-campus.
 - EUI Open Access Publishing Roundtable:** Thursday 27 October 2016, 9:30-13:00 (Italia Theatre), register with cadmus@eui.eu
 - New book delivery service:** Find out how we bring the Library to the campus from Monday 7 October.

Two black arrows point from the 'E-resources' and 'Research Guides' sections towards the 'Open Data Discovery & RDM' title. A hand cursor icon is visible at the bottom right of the screenshot.



Open Public Data & Open Research Data

OPEN DATA	Open Public Data (eg. official statistics, macro)
	Open research data (academia, research orgs.) - Data-intensive projects - Smaller data outputs
RESTRICTED ACCESS DATA	Data publishers – commercial license (eg. financial data)
	Data disseminators - restricted / licensed (eg. micro-socioeconomic data)

Departments ▾ Programmes Fellowships ▾ Robert Schuman Centre ▾ Max Weber Programme ▾ Historical Archives ▾ EUI Library ▾

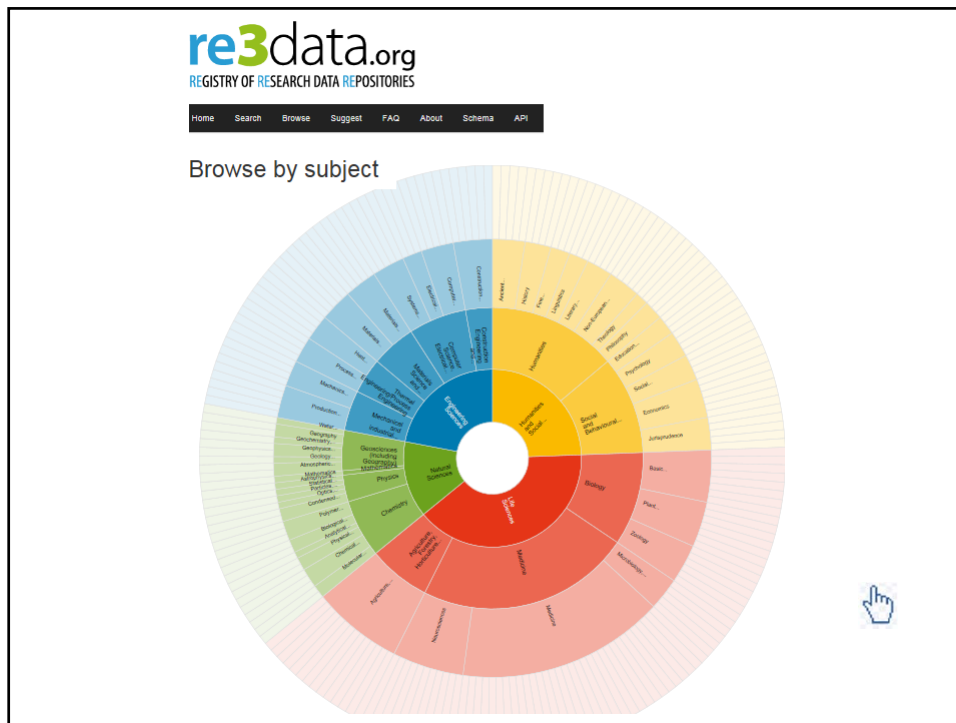
Home » Research » Library » Research Guides » Economics » Statistics » Statistical Data

Economic and Social Data Portal

• For support please contact Thomas Bourke

DATA PORTAL

Macroeconomic data	Micro-socioeconomic data	Data Support
Macro short descriptions	Micro short descriptions	Classification of data
Central and Eastern European data	Adult Education Survey - Eurostat	Conditions of use
ComExt: Intra- and Extra-EU trade	Amadeus European company data	Data protection
Comparative constitutions data	Banking data: Orbis Bank Focus	Data services
Comparative Political Data Sets	Consumer Expenditure Survey (USA)	Data software manuals
Cross-National Time-Series	Current Population Survey (USA)	Data news - @ sign up
Data Repositories Registry - re3data.org ←	DNB Household Survey (Netherlands)	Economic research resources
Datastream - Thomson Reuters	DReMM migration data	EUI open data registry
Demographic Yearbook - UN	ECRI European household lending data	European, EU & Euro Area data
Direction of Trade Statistics - IMF	EU-LFS: Labour Force Survey	Horizon 2020 data support
Electoral and parliamentary data	EU-SILC: Statistics on Income & Living Conditions	List of data resources (Excel)
EUI open data registry ←	EUODO data on European democracy	Loading data for Windows
European Capital Markets Database	Eurobarometer surveys	Macroeconomic data directory
European Central Bank data	EUROMOD tax and benefits simulator	Micro socioeconomic data directory
European Data Portal (EC)	European Community Household Panel	One-stop guide
European regional (sub-state) data	European Social Survey	Open data



EUI Research Data Registry (beta)

- This Registry lists open datasets generated from research projects at the European University Institute
- To have an EUI dataset included in the Registry, write to econlibrary@eui.eu
- EUI Project Directors should [complete this form](#) so that support services are aware of ongoing research
- Further information is on the [EUI Data Services page](#).

European Union Democracy Observatory (EUDO): 2014 *evandl* data and 2009 *EU Profiler* data

The European Union Democracy Observatory at the EUI generates data on democratic practices in Europe. Prior to the European Parliament elections of May 2014, EUDO launched *evandl* - an online voting advice application.

Party data from the *evandl* project is accessible via GESIS archive, [Study ZA5917](#).

Voter profile data (anonymised) from the *evandl* project is [Study ZA5970](#).

New users should [create an account](#) on the GESIS site to download. The *evandl* data codebook is at [this link](#).

Data from the 2009 EU Profiler project is accessible via the [GESIS archive](#) (studies ZA5801 to ZA5839) and the [EUDO Data Centre](#). The EU Profiler codebook is at [this link](#). Further details are on [this Library page](#).

Ownership Links and Enhanced EUTL Dataset - EUI Florence School of Regulation

The [Ownership Links and Enhanced EUTL Dataset](#) provides firm linkages' and consolidated holdings' data on the European Union Transaction Log. The dataset includes company linkages and other relationships, using transaction data from the European Commission and company data from the Amadeus (BvD) database. The project is coordinated at the EUI Florence School of Regulation, with research partners in Umeå University, University of Groningen, University of Graz, DIW Berlin, the LSE and Université Paris-Dauphine, with support from the European Commission. [The dataset is archived in the Zenodo repository.](#)

- Classification of data
- Conditions of use
- Data Portal
- Data protection
- Data services
- Data software manuals
- Data updates @eui (sign up)
- Economics resources
- EUI Research Data Registry
- European statistical data
- Horizon 2020 data support
- List of data sets (Excel)
- Loading data for Windows
- Macroeconomic data
- Micro socioeconomic data
- Open data
- re3data repository registry
- Registration for micro data
- Remote computing / Citrix
- Research Data Guide 3.0 (EUI)
- Research software (EUI ICT)
- Research software manuals
- Research software support
- Restricted server: micro data
- Socioeconomic data
- Software manuals
- Terms and conditions of use
- Welcome!



- Research Data Management helps determine:
 - Whether, when, how, where and under what terms, research data outputs – especially 'mixed' data outputs – can be shared as open data.

Research Data Services



- Data discovery and EUI Data Portal
- Terms and conditions of use
- Support, software and infrastructure
- Research data management & DMPs
- Data management in EU Horizon 2020
- Metadata: describing data outputs
- Data preservation, repositing and open data



European University Institute 1976 40 YEARS 2016

Enter Keywords Search

Departments Programmes Fellowships Robert Schuman Centre Max Weber Programme Historical Archives EUI Library

Home » Research » Library » Research Data Services

Research Data Services

- Data discovery and EUI Data Portal
- Terms and conditions of use
- Support, software and infrastructure
- Research data management and data management plans
- Data management in EU Horizon 2020
- Metadata: describing data outputs
- Data preservation, reposting and open data
- EUI Library support

For data support please contact [Thomas Bourke](#)

1. DATA DISCOVERY AND ACCESS

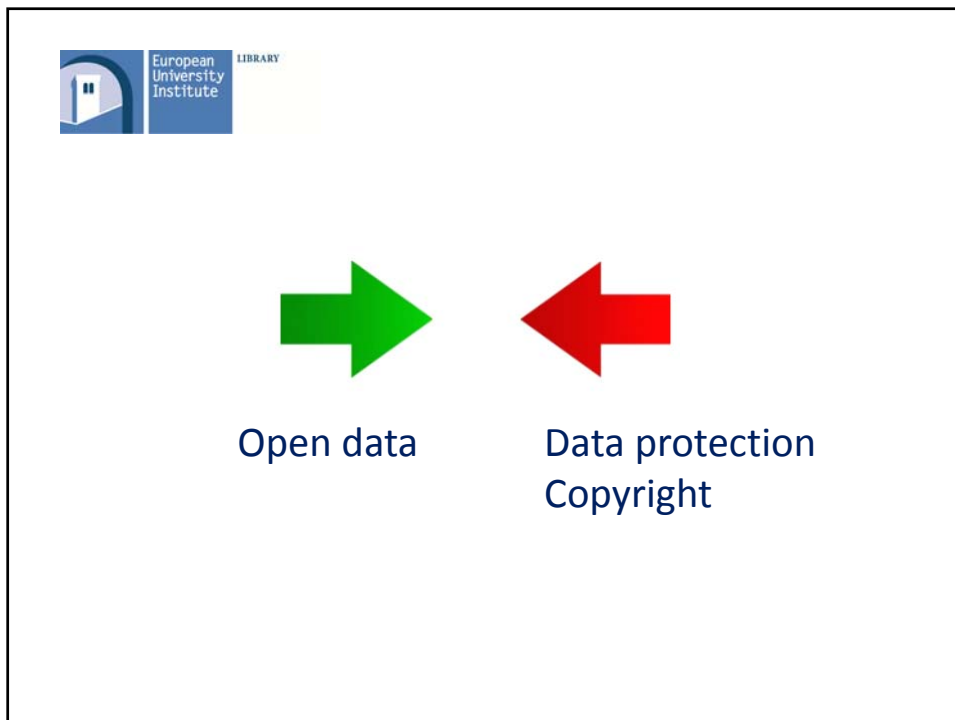
The Library maintains a [Data Portal](#) providing access to both (i) licensed, restricted access, data resources for EUI members and (ii) open data resources relevant to EUI research themes.

There are three sub-directories:

Macroeconomic databases provide statistics on national, regional and global economic and political-economic developments from major international institutions and data publishers, including Thomson Reuters, Eurostat, the ECB, OECD, IMF, World Bank and WIIW.

Micro-socioeconomic databases provide individual, family and household-level data observations. Major providers include GESIS, Bureau van Dijk, ICPSR, UKDS, Eurostat and DIW. Access to micro data provided to EUI members under Library license requires additional registration. Special terms and conditions relating to micro-socioeconomic data access and use are described in Section 2 below.

European, EU and Euro Area data resources provide macroeconomic, financial, monetary and micro-socioeconomic data for research on pan-European topics, EU states and sub-state regions, and Europe in the global context.





- Metadata as a 'Checklist' for Open Data

- Title, names of creator(s)
- Description - 'data abstract'
- Source(s)
- Creation date
- Spatial / temporal coverage
- Format
- Location of data & DOI
- Access status and embargo
- Licence
- Funding Statement
- Related publications



- Open data check (metadata)
- **Data protection:** For data sets where persons, households or firms are identified - it is normally not possible to publish data openly. In such instances, it may be possible (pending terms) to generate an anonymised version of the data for sharing.
- **Database copyright:** Where a research dataset is derived/elaborated from pre-existing, commercially-licensed database(s), it is normally not possible to re-publish significant extractions due to copyright protection and contractual terms of use.
- **Contact the Library for advice**



Licensing / IP / Copyright

- Assistance and 'brokering'
- Research team ↔ Library ↔ Data © owner

Preservation and Sharing

The screenshot shows the Zenodo website interface. At the top, the Zenodo logo and the tagline "Research. Shared." are visible. Below the navigation bar, there is a search bar and a list of recent uploads from the European University Institute. The first upload is titled "FSR Ownership Links and Enhanced EUTL Dataset" and was uploaded by Thomas on 15 March 2016. The second upload is titled "Survey of Local Organisations and Economic Development in the Czech Republic, Hungary and Poland (2007)" and was uploaded by Thomas on 28 May 2015. A sidebar on the right provides more information about the European University Institute, including its location in Florence and its history.

Preservation and Sharing EUDO and EU&I

The screenshot shows the GESIS Data Catalogue 2.1 interface. The main content area displays the details for dataset ZA5917: euandi (Expert Interviews). The metadata table is as follows:

Bibliographic Citations	
Citation	Trechsel, Alexander H.; Garzia, Diego; De Sio, Lorenzo (2014): euandi (Expert Interviews). GESIS Data Archive, Cologne. ZA5917 Data file Version 1.0.0, doi:10.4232/1.12138
Study No.	ZA5917
Title	euandi (Expert Interviews)
Current Version	1.0.0, 2014-12-15, doi:10.4232/1.12138
Date of Collection	02-2014 - 04-2014
Principal Investigator/ Authoring Entity, Institution	<ul style="list-style-type: none"> Trechsel, Alexander H. - European University Institute (EUI), Florence Garzia, Diego - European University Institute (EUI), Florence De Sio, Lorenzo - LUISS University, Rome
Categories	<ul style="list-style-type: none"> Political Parties, Organizations Political Issues
Topics	<ul style="list-style-type: none"> 11.5 Mass political behaviour, attitudes / opinion 11.6 Government, political systems and organization

On the left side of the page, there are logos for Leibniz Association, da|ra (Registration agency for social and economic data), DataCite, and DBKSearch 2.1 @ GESIS. A mouse cursor is visible over the bottom right of the metadata table.

Local Test, DSpace installation I

The screenshot shows the EUI research data website. The main header includes 'EUI research data' and 'DATA SERVICES'. Below the header, there is a 'Beta version 1.0' announcement and a 'Communities' section listing the Department of Economics (ECO), Department of Political and Social Sciences (SPS), and Robert Schuman Centre for Advanced Studies (RSCAS). A 'Recently Added' section features a dataset of adjusted monthly data for aggregate U.S. consumption expenditures and equity returns, 1959-2013, by SCHÜTZE, Fabian. On the right side, there are navigation panels for 'Search', 'Browse', 'My Account', and 'Discover'. The 'Discover' panel shows search results for the author SCHÜTZE, Fabian (1) and the subject Consumption (Economics) -- United States -- Statistics -- Databases (1).



Data management plans





ADEMU
A Dynamic Economic and Monetary Union


<u>Plan name</u>	ADEMU DMP
<u>ID</u>	EUI EEG
<u>Grant number</u>	649396 – Horizon 2020
<u>Principal Investigator</u>	Ramon Marimon
<u>Plan data contact</u>	ramon.marimon@eui.eu (+39) 055 4685 911
<u>Description</u>	The objective of the ADEMU research project is to reassess the overall fiscal and monetary framework of the EU and, in particular, the euro area. Research questions relate to: (i) The long-term sustainability of the EMU (ii) Policy coordination and economic stability within the EU (iii) Risk from macroeconomic and financial imbalances. Empirical, simulated and experimental data will be collected, generated and used to enhance understanding of ADEMU's research topics.
<u>Funder</u>	European Commission (Horizon 2020)













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Screencast on how to use DMPonline



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The table below lists the plans that you have created, and any that have been shared with you by others. These can be edited, shared, exported or deleted at anytime.




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Name	Owner	Shared?	Last edited	Select an action
ADEMU DMP	Me	Yes (with 1 people)	25-09-2015	Edit Share Export Delete

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Answered 4 days ago by Thomas Bourke

Data set description

B / *I* /  /  / 

ADEMU project partners will generate three kinds of data:

- Standard empirical macroeconomic data (20-year time-series and international comparisons). Project partners contributing: all partner institutions.
- Data generated by simulation/calibration and testing of theoretical/structural models for the purpose of monetary policy scenario planning (eg. stress testing, back testing). Project partners contributing: EUI, Barcelona GSE, TSE and Cambridge.
- Experimental data generated from subject-response experiments (decisional, bounded, rational response). Project partners contributing: EUI and Barcelona GSE.

The data will be useful to other researchers, central banking policymakers, macroeconomic policymakers, the public and the media.

The data will be the basis for published scientific findings, including open access ADEMU working papers; scholarly articles, book chapters and reports.

Simulated data and accompanying models will provide insights into different policy scenarios. Both (i) the data and (ii) the simulation software code, will be shared to permit other scholars and policymakers to replicate, re-use and undertake new research using ADEMU data and tools.

Statistical packages to be used include: Stata, GAUSS, R, MatLab, Python and Excel.

EC Guidance

4th ed. Library Research Data Guide

RESEARCH DATA GUIDE 2016

The 4th edition of the EUI Library [Research Data Guide](#) is due for publication on the 28th of October. The Guide covers research data management; terms and conditions of use; data security; dataset metadata and documentation; data repositing and open data sharing.



Open Data and Research Data Management

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