

database

1. EP-INV (disambiguated inventor data)
2. BENCHMARK DATASETS
3. Academic Patents

1. EP-INV (disambiguated inventor data)

Complete inventor dataset for EPO patents, for name-matching to academics' names and/or network analysis, geographic analysis etc. Fully compatible with PATSTAT

--> To access EP-INV read the [terms and conditions](#), then fill the data access form ([click here](#)) and send it to francesco.lissoni@u-bordeaux.fr

--> Technical documentation: [click here](#) to download

--> Extra information: conversion tool [PERSON_ID,CODINV2 table](#) (patstat version 2010/09 see technical documentation for details – CSV file)

--> Extra information: conversion tool [PERSON_ID,CODINV2 table](#) (patstat version 2011/09 temporary table – ZIP file)

* * *

2. BENCHMARK DATASETS

Each dataset is a rar file, which contains five .csv files.
Fields within the .csv are separated by commas.

French Benchmark -> [click here](#) to download (last update: 13/07/2010)

EPFL Benchmark -> [click here](#) to download (last update: 13/07/2010)

For instructions:

Benchmark document: [download](#) the document explaining the benchmark structure

***Warning!** The following names of variables in the current version of the French benchmark have been changed because of misspelling errors.

1) PUBL_NR becomes PUBLN_NR

2) PUBL_AUTH becomes PUBLN_AUTH

3) PUBL_NR_MATCH becomes PUBLN_NR_MATCH

Benchmark database + Noise

Benchmark and noise: [download](#) the document explaining the benchmark structure (last update: 02/12/2010)

French Benchmark + Noise -> [click here](#) to download (last update: 02/12/2010)

EPFL Benchmark + Noise -> [click here](#) to download (last update: 02/12/2010)

Each dataset is a rar file, which contains five .csv files. Fields within the .csv are separated by commas. -> to download (last update: 13/07/2010) -> to download (last update: 13/07/2010) Benchmark document: the document explaining the benchmark structure Benchmark community: a google group mailing has been set up to discuss technical issues related to the benchmark. Please click on the following link and request to join the group. If you don't already have, you can create a new google account by

clicking on "Create a new account". The following names of variables in the current version of the French benchmark have been changed because of misspelling errors. 1) PUBL_NR becomes PUBLN_NR2) PUBL_AUTH becomes PUBLN_AUTH3) PUBL_NR_MATCH becomes PUBLN_NR_MATCH Benchmark and noise: the document explaining the benchmark structure (last update: 02/12/2010) -> to download (last update: 02/12/2010) -> to download (last update: 02/12/2010)

* * *

3. Academic Patents

The data you find below have been collected by participants to the APE-INV database and are made available to all interested parties for scientific use. Data for each country come in a separate table, complete of information on the time span covered and references to working papers and/or publications that provide all necessary methodological details. Observations in each table are patent applications filed at the European Patent Office, with at least one designated inventor from the country concerned, for the time period indicated. Each table consist of two columns only, the first containing the patent publication number, as assigned by the European Patent Office, and the second one consisting of a dummy =1 for academic patents (that is, with at least one academic researcher among the designated inventors). A contact author for each dataset is also listed, who can be contacted in case of problems in accessing the complementary material or to make enquiries about the possibility to access further information available in the APE-INV database, but not published here for privacy reasons (chiefly, the identity of the inventors, but also their affiliation, in case of academics).

BELGIUM -Academic patents-

Download data [here](#)

TIME INTERVAL INVESTIGATED (PATENTS):

1994-2007

TECHNICAL REFERENCE(S):

Mejer M. (2013) "ACADEMIC PATENTING IN BELGIUM: METHODOLOGY AND EVIDENCE" Université Libre de Bruxelles, Solvay Brussels School of Economics and Management, ECARES, Brussels, Belgium.

CORRESPONDING AUTHOR & EMAIL ADDRESS:

Malwina Mejer, Malwina.Mejer@ulb.ac.be

PAPER TO BE CITED BY DATA USERS:

Mejer M. (2013) "ACADEMIC PATENTING IN BELGIUM: METHODOLOGY AND EVIDENCE", iCite Working Paper 2013 - 003, Solvay Brussels School of Economics and Management, Brussels

TIME INTERVAL INVESTIGATED (ACADEMICS):

2010

GERMANY -Academic patents-

Download data [here](#)

TIME INTERVAL INVESTIGATED (PATENTS):

2006-2007

TECHNICAL REFERENCE(S):

Schoen, A., Heinisch, D., Buenstorf, G.: Playing the "Name Game" to Identify University Patents in Germany, submitted to Scientometrics - Special Issue

CORRESPONDING AUTHOR & EMAIL ADDRESS:

Schoen A., schoen@wi.tum.de

PAPER TO BE CITED BY DATA USERS:

Schoen, A., Heinisch, D., Buenstorf, G.: Playing the "Name Game" to Identify University Patents in Germany.

TIME INTERVAL INVESTIGATED (ACADEMICS):

2010

NOTES:

The German dataset only comprises priority patents. Moreover, it is important to notice that the majority of academic patents is applied (only) at the GPTO.

SPAIN -Academic patents-

Download data [here](#)

TIME INTERVAL INVESTIGATED (PATENTS):

2000-2008 filing years at EPO

TECHNICAL REFERENCE(S):

Maraut and Martinez (2014), "Identifying author-inventors from Spain: methods and a first insight into results", Scientometrics, DOI: : 10.1007/s11192-014-1409-1, forthcoming.

<http://link.springer.com/article/10.1007%2Fs11192-014-1409-1#page-1>

CORRESPONDING AUTHOR & EMAIL ADDRESS:

Catalina Martinez, catalina.martinez@csic.es

PAPER TO BE CITED BY DATA USERS:

Maraut and Martinez (2014), "Identifying author-inventors from Spain: methods and a first insight into results", Scientometrics, DOI: : 10.1007/s11192-014-1409-1, forthcoming.

<http://link.springer.com/article/10.1007%2Fs11192-014-1409-1#page-1>

TIME INTERVAL INVESTIGATED (ACADEMICS):

2003-2008 Scopus publications of Spanish authors affiliated to Spanish public universities

UK -Academic patents-

Download data [here](#)

TIME INTERVAL INVESTIGATED (PATENTS):

1986-2006 (Priority dates 1985-2004)

TECHNICAL REFERENCE(S):

Banal-Estanol, A., Jofre-Bonet, M., and Meissner, C. (2010), The impact of industry collaboration on research: Evidence from engineering academics in the UK. UPF Working Paper no1190, Barcelona, Spain. (<http://econpapers.repec.org/paper/bgewpaper/491.htm>); Meissner, C., 2010. University Research and Industry Involvement. PhD Thesis, City University, London

CORRESPONDING AUTHOR & EMAIL ADDRESS:

Cornelia Meissner, cornelia.meissner@unito.it

PAPER TO BE CITED BY DATA USERS:

Banal-Estanol, A., Jofre-Bonet, M., and Meissner, C. (2010), The impact of industry collaboration on research: Evidence from engineering academics in the UK. UPF Working Paper no1190, Barcelona, Spain.

TIME INTERVAL INVESTIGATED (ACADEMICS):

The list of professors refers to the years 1985-2004 and was collected from University Calendars and Websites. The professor list includes all academics (lecturer - professor) in engineering at 40 UK universities. EPO patents were collected based on their Priority dates (priority: 1985-2004). The data can be considered a good record of academic engineering patents.

SWEDEN -Academic patents-

Download data [here](#)

TIME INTERVAL INVESTIGATED (PATENTS):

1978-2010

TECHNICAL REFERENCE(S):

Ljungberg, D., Bourellos, E. and McKelvey, M. 2013. Academic Inventors, Technological Profiles and Patent Value: An Analysis of Academic Patents owned by Swedish-based firms. Industry and Innovation, Forthcoming.

CORRESPONDING AUTHOR & EMAIL ADDRESS:

Evangelos Bourellos, evangelos.bourellos@handels.gu.se

PAPER TO BE CITED BY DATA USERS: /

TIME INTERVAL INVESTIGATED (ACADEMICS): /

ITALY -Academic patents-

Download data [here](#)

TIME INTERVAL INVESTIGATED (PATENTS):

1996-2007

TECHNICAL REFERENCE(S):

Pezzoni, M., Lissoni, F., Tarasconi, G., 2014. How to kill inventors: testing the Massacrator© algorithm for inventor disambiguation. Scientometrics, 1-28 (WP version: <http://cahiersdugretha.u-bordeaux4.fr/2012/2012-29.pdf>)

CORRESPONDING AUTHOR & EMAIL ADDRESS:

Francesco Lissoni, francesco.lissoni@u-bordeaux.fr

PAPER TO BE CITED BY DATA USERS:

Lissoni F., Pezzoni M., Poti B., Romagnosi S. (2013). University autonomy, the professor privilege and academic patenting: Italy, 1996-2007. forthcoming on Industry & Innovation

TIME INTERVAL INVESTIGATED (ACADEMICS):

Lists of professors active in three years: 2000, 2005, and 2009

BELGIUM Flemish -Academic patents-

Download data [here](#)

TIME INTERVAL INVESTIGATED (PATENTS):

application years 1991-2001

TECHNICAL REFERENCE(S):

Callaert et al., 2013. The impact of academic technology: Do modes of involvement matter? The Flemish Case, Industry and Innovation special issue, forthcoming sept. 2013

CORRESPONDING AUTHOR & EMAIL ADDRESS:

Julie Callaert; julie.callaert@kuleuven.be

PAPER TO BE CITED BY DATA USERS:

Callaert et al., 2013. The impact of academic technology: Do modes of involvement matter? The Flemish Case, Industry and Innovation special issue, forthcoming sept. 2013

TIME INTERVAL INVESTIGATED (ACADEMICS):

1990-2000

AUSTRIA -Academic patents-

Download data [here](#)

TIME INTERVAL INVESTIGATED (PATENTS):

1977-2009

TECHNICAL REFERENCE(S):

Stummer C., Günther M., Backs S. (2013) A survey on academic patents at Austrian universities: Methodology and initial results, WP 2013-01, Chair of Innovation and Technology Management, Bielefeld University

CORRESPONDING AUTHOR & EMAIL ADDRESS:

Christian Stummer, christian.stummer@uni-bielefeld.de

PAPER TO BE CITED BY DATA USERS:

Stummer C., Günther M., Backs S. (2013) A survey on academic patents at Austrian universities: Methodology and initial results, WP 2013-01, Chair of Innovation and Technology Management, Bielefeld University

TIME INTERVAL INVESTIGATED (ACADEMICS):

2009-2012