

Policy for the review of scientific output

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1. Analysis

Most of the UOC's scientific output is recorded in the curriculum vitae (CV) of its teaching and research staff. These CVs are stored in a Current Research Information System (CRIS), which at the UOC takes the name "GIR".

Teaching and research staff must ensure that their CVs are up to date in order to apply for accreditations, submit project proposals to competitive calls, and submit doctoral programme proposals for validation. As such, it is incumbent on staff to ensure that the details of their scientific activity are correctly entered into the CRIS.

The UOC needs up-to-date information on the scientific output of its teaching and research staff for a variety of reasons: to respond to requests for information from public authorities; to manage research funding applications; to analyse and appraise scientific output and establish research policies; and to distribute information on institutional scientific activities to the UOC community and external stakeholders. As such, the University needs a general policy for the review of scientific output.

The Catalan and Spanish university quality agencies (AQU Catalunya and ANECA) establish specific criteria for the evaluation of research activity carried out by teaching and research staff. The directives and decisions on which those criteria are based have been taken into account in the drafting of this policy.

2. Objective

This document sets out the criteria for reviewing and validating information on scientific production at the UOC recorded in the CRIS, independently of the tool used to collate information on research activity published by teaching and research staff. The overarching aim of these criteria is to guarantee the general quality of stored and published data on the UOC's scientific output.

3. Criteria for the review of bibliographic data

The review process comprises two stages: a review of bibliographic data, and a review of document types and classifications of scientific activity.

The review process is designed to:

- ensure that the correct bibliographic data are displayed;
- identify and facilitate the amendment of errors in bibliographic data;
- prevent duplication of information;
- streamline the normalisation of reference tables (journals, authors, etc.) and prevent duplicate entries;
- standardise the content of documents corresponding to each type of research activity;
- review the fields required for generating CVs in specific formats (AQU, CVN, etc.) or for calculating indicators;
- guarantee access to verified details that can be made available to stakeholders, including investors, funding agencies and public authorities;
- guarantee access to verified details that can be published on the UOC website and in other channels of scientific dissemination.

3.1. Review of bibliographic data

In this first stage of the process, Research Support Library Services staff conduct a systematic review of the bibliographic data that each member of the teaching and research staff has entered into the CV management tool.

The bibliographic review focuses on the key data for identifying a published work: authors (ordered as signed in the publication), title, ISSN/ISBN, publication title, publisher, pages, DOI, year of publication, collection, etc. Staff consult the original paper or electronic document where possible; if the original copy is not available, they will check the corresponding details as they appear in the relevant databases.

If the information is found to be incomplete, the author(s) will be contacted so that the relevant details can be added.

3.2. Review of activity types

In the second stage, the Research Support Library Services staff review the categories to which teaching and research staff have assigned their work.

The following categories are considered, based on the primary type of scientific content:

- Scientific research article
- Review article
- Proceedings paper¹
- Book
- Book chapter
- Book review
- Letter
- Working paper
- Editorial material
- Technical report

This stage of the review takes into account the document type as classified by the publisher, the journal, or the database in which it is indexed (original work, review, letter, editorial material, etc.) and the channel in which it is disseminated (scientific journal, technical-professional journal, book series, etc.). The criteria for defining scientific activity types are based on the glossary of research-related terms provided in this document (Annex 1).

In those cases where the author has classified a contribution as a scientific document in the CRIS but the review concludes that it should be classified as popular science or teaching material, a proposal is made for the details to be amended. If the two parties disagree, the Research Support Library Services will refer the matter to the Research and Doctorate Scientific Committee, which will inform the author of its decision.

In the case of work published by teaching and research staff no longer employed by the UOC, the Research Support Library Services staff will only consult the original paper or electronic document, and will not consult the bibliographic information appearing in databases, repositories, etc.

¹ It should be noted that proceedings papers may be published in: book series or special editions of scientific journals that publish annual conference proceedings (ISBN/ISSN); conference proceedings (ISBN); scientific journals (ISSN). In the first two cases, the texts are considered book chapters; they are only considered scientific articles in the third case.

4. Supporting documents

The following annexes present the reference tools used in the implementation of the UOC's policy on the review of scientific output:

Annex 1. Glossary of research-related terms, given in Catalan and English

- Definitions of document types
- Definitions related to the components of a bibliographic reference
- Definitions of terms related to evaluation of research quality
- Definitions related to editorial processes

Annex 2. List of bibliographic databases and quality evaluation databases for scientific journals, containing the following information: the title and type of each database, a summary and definitions of the quality indexes used, links, and the corresponding subject area.

Annex 3: Procedure for the review of scientific output data in the GIR.



5. Annexes

5.1. Annex 1. Glossary of research-related terms

accés obert a la informació científica

en. open access to scientific information

Free online availability of scientific information, allowing any user to read, copy, distribute, print, search in or link to full-text articles and documents for any legal purpose, with no financial, legal or technical restrictions imposed.

afiliació dels autors

en. affiliation

Institution or organisation to which an author is affiliated or associated, generally given as the full name of the institution, plus the full postal address and email address.

altmetrics

en altmetrics

New metrics based on the Social Web for analysing, and informing scholarship.

àmbit científic

en. scientific area

Each of the six principal research areas in Catalonia: Science, Life Sciences, Medical Sciences, Engineering and Architecture, Social Sciences, and Humanities.

àrea de coneixement

en. area of knowledge

An area with a clearly defined object of study shared by a permanent research community.

article d'investigació científica

en. original article

An independent text with original scientific content, which appears in a periodic publication and has been selected on the basis of quality criteria. It is a primary source of scientific output, containing the methodology and results of an original study carried out by the authors.

article de divulgació científica i cultural

en. scientific and cultural dissemination article

Text published in a scientific and cultural dissemination journal (see *scientific and cultural dissemination journal*)

article de revisió

en. review

A bibliographic study that compiles, analyses, summarises and discusses published information on a particular topic, which may also include a critical examination of the state of the art in the corresponding field. A review may take the form of a literature review, a systematic review or a meta-analysis.

avaluació d'experts o revisió d'experts

en. peer review

An external review and evaluation of an activity or proposal, generally of a scientific nature, conducted by a team of external reviewers with specialist knowledge of the field in question, on the basis of a set of established criteria.

base de dades

en. database

A structure for importing, storing and extracting data, at the request of users with a variety of independent profiles.

base de dades bibliogràfica

en. bibliographic database

A database containing bibliographical references (see *Annex 1*).

bibliometria

en. bibliometrics

A scientific discipline concerned with analysing the growth, distribution, impact and visibility of the literature in a specific scientific area over a given period. It also facilitates analysis of author output and the social structure of groups that produce and consume research in a given area.

book series

en. book series

Serial publication with a standard serial title and ISSN (see *ISSN*). Each volume and/or title in the series is also classed as a book with a unique ISBN (see *ISBN*).

carta

en. letter

A brief, informal contribution published in a scientific journal, presenting the preliminary results of a research project or commenting on a topic considered to be of interest to the general readership.

citacions rebudes

en. times cited

The number of times that a document has been cited in other works (articles, books, etc.).

comitè científic

en. scientific committee

A committee generally formed by experts in the scientific areas covered by a journal. Its members carry out a range of functions, providing support and advice to the editor, reviewing submitted work, proposing potential themes for subsequent issues, etc.

comitè editorial

en. editorial committee or editorial board

A committee formed by experts in scientific research in areas of interest to the journal. Members are a source of prestige and recognition for the publication and may also actively review submissions.

comunicació científica

en. scientific communication

An umbrella term for actions intended to disseminate scientific and technical knowledge (presentations, conferences, articles, etc.) to a primarily scientific audience or within the scientific community.

Directory of Open Access Journals (DOAJ)

en. Directory of Open Access Journals; DOAJ

International
Open Access
Journal Service

A directory of thousands of open access scientific and academic journals (offering full-text access to quality-controlled content).

divulgació científica

en. popular science; literature of science; public communications of science

An umbrella term for work aimed at interpreting and popularising scientific knowledge, not restricted by academic disciplinary boundaries.

document científic-tècnic

en. technical report

A scientific-technical document describing the procedure, progress or results of a scientific or technical research initiative, or the current status of research into a scientific or technical problem. Unlike most scientific literature, technical documents rarely undergo a full review prior to publication.

document de treball

en. working paper

A preliminary draft of a scientific or technical article or book chapter.

DOI

en. DOI; digital object identifier

A permanent identifier assigned to a digital object that does not depend on the physical location of that object, unlike a URL.

editorial

en. editorial material

An article that transmits the opinion of an individual, a group or an organisation. It may take the form of an editorial article, an interview, a commentary, a discussion piece, an opinion piece, a round table paper, or a clinical conference article. It may also be an essay, introduction or reflection piece by the editor of a monograph or a special journal issue.

estudi de cas

en. case study

A technique for recording and analysing ethnographic data to obtain a sample of cultural phenomena often found in specific units of observation.

factor d'impacte

en. impact factor

An indicator that measures the times that a journal has been cited in the last two years. It is generally used to compare journals and to assess the relative importance of a journal in its subject area.

grup de recerca

en. research group

A group of researchers who carry out research activities or projects in a particular research area. Such groups may be multidisciplinary and operate locally, nationally or internationally.

índex H; índex de Hirsch

en. H-index

An index or statistical indicator that quantifies the scientific productivity and impact of the articles published by a researcher. It is calculated from the researcher's most cited articles and the number of citations of each of those articles. It can also be applied to research groups, departments, universities or countries.

indicadors bibliomètrics

en. bibliometric indicators

Statistical data relating to scientific publications. They provide information on the results of the research process, classified according to productivity, visibility and impact indicators.

Indicis de qualitat d'una publicació

en. quality indicators

Criteria used to assess the scientific quality of a publication (journal, journal article, book, conference proceedings).

report

en. report

A publication describing the process, development or results of a research project.

ISBN

en. ISBN

An international number that identifies a specific edition of a worked published by a specific publisher.

ISI Web of Science

en. ISI Web of Science

A multidisciplinary citation reference database created by Thomson Reuters.

ISSN

en. ISSN

An international number that identifies the key title of a serial publication.

Journal Citation Reports (JCR)

en. Journal Citation Reports (JCR)

A database compiled by Thomson Reuters, with two indexes: the Science Citation Index and the Social Science Citation Index. It can be used to identify which journals have the highest immediacy indexes and the greatest impact (see *impact factor*) in the scientific community, as well as the quartiles in which each journal is placed in its category.

llibre científicotècnic

en. technical scientific book

A book that addresses highly technical and highly specialised subject matter, generally in the form of a monograph. The content is not tied to a previously defined course of study. The content and order of the text are determined freely by the author(s).

llibre d'actes

en. proceedings

A document containing the full texts of talks and presentations given at a meeting or conference, which may include a summary or full transcriptions of the accompanying discussion. This type of document usually has an ISBN.

memòria de recerca

en. research report

A document providing a detailed summary of the research activity carried out by an organisation, individual or group over a given period, generally addressing work conducted within the scope of a specific grant or project framework.

monografia

en. monograph

A paper or electronic book containing the detailed study of a specific aspect of a particular subject area.

obra de referència

en. reference book; reference work

An authoritative publication on a particular branch of knowledge, providing detailed information on the main concepts and clarifying the principal object of study.

ORCID

en. ORCID

A permanent, unique digital identifier for researchers. It provides a means for researchers to gain recognition not only within their institution but also across any other external scientific information platform. It also prevents confusion over author names and signatures in scientific publications. The unique ORCID code follows the ISO 27729:2012 standard.

paraula clau

en. keyword

A word or selection of words from the title or text of a document that define the content and serve as keys for document searches.

Investigación Científica
de Catalunya

patent

en. patent

Exclusive rights guaranteed by a government or competent authority to the inventor of a new product or process with potential for industrial exploitation, granted for a specified period of time.

pòster

en. poster

A form of scientific contribution presented at a conference, in a format that can be wall-mounted. They carry less weight than presentations but can be a useful tool for introducing a new research topic. Posters do not necessarily undergo a review process.

primer autor / primera autora

en. first-named author; first author

The person placed first in the list of authors of a bibliographic reference and whose surname is generally used to order the reference alphabetically. Different criteria may apply, depending on the discipline.

proceeding paper

en. proceedings paper

A scientific research article providing the details and results of a research project presented at a conference or symposium. This type of article may be published in a scientific research journal (see *academic journal*), in proceedings (see *proceedings*) or in a book series (see *book series*).

producció científica

en. science production; scientific production

The various outputs generated by research activity (publications, patents, presentations, etc.), in particular scientific articles and books.

publicació docent

en. teaching material

A publication intended for teaching, linked to the specific content of a university subject

quartil

en. quartile

A parameter that assesses the relative importance of a journal in its subject area. If journals in the same category are listed in order of impact factor and divided into four groups of equal size, each group is referred to as a quartile. The journals with the highest impact factors make up the first quartile.

repositori

en. repository

An electronic system for storing and sharing the information generated by an organisation.

repositori institucional

en. institutional repository

A digital archive containing the intellectual production of an academic institution's teaching staff, research staff and students, offering unrestricted access to internal and external users. Content is defined by the institution and uploaded continually.

Researcher ID

en. researcher ID

A permanent, unique digital identifier for researchers, by Thomson Reuters.

ressenya

en. book review

A relatively short text offering a critical reading of a single work or article.

resum

en. Abstract

A short text outlining the key ideas of an article, preferably written in English.

resums de congressos

en. meeting abstracts

Summaries of talks and presentations given at a meeting or conference. They are generally published in conference proceedings or scientific research journals in the corresponding research area.

revista d'investigació científica

en. academic journal; scientific research journal

A periodic publication with an ISSN, containing a large proportion of articles reporting research or original studies that make new contributions to the discipline. Submitted articles are peer reviewed to determine whether they are fit for publication.

revista de divulgació científica o cultural

en. scientific and cultural dissemination journal

A journal that aims to transmit scientific knowledge to a broad audience outside a strictly academic or scientific readership. Its content may relate to contemporary scientific discoveries, recent research, specific fields of scientific knowledge, research articles, studies and reviews, as well as general science-related news. A number of these journals are multidisciplinary; external reviewers are sometimes commissioned to approve the published content.

revista electrònica

en. electronic journal; e-journal

A periodic publication released in electronic format that may address various subject areas or a particular specialisation. Audio and video content may be included, in addition to text.

revista indexada

en. indexed journal

A journal that is listed in bibliographic databases.

revista tècnica o professional

en. Technical-professional journal

A publication intended primarily for professionals in a particular area of specialisation and those with a specific interest in the subject area. They generally contain articles that propose solutions to practical problems, contribute to new technological advances, or aim to disseminate new knowledge; they generally report applied research or present new methods of instruction, and do not necessarily contain unpublished results.

Scimago Journal Rank (SJR)

en. Scimago Journal Rank (SJR)

A bibliometric indicator that assesses the impact of a publication in the Scopus database, considering the number of citations received and the impact of the publications in which the citations appear.

Scopus

en. Scopus

Bibliographic database containing abstracts and citations of articles published in scientific journals. The body of publications and citations are used to provide two bibliometric indicators: SJR and SNIP. These indicators provide a measure of an article's visibility and impact.

Scopus Author Identifier (Scopus ID)

en. Scopus ID

A permanent, unique digital identifier for researchers, by Scopus.

Source Normalized Impact per Paper (SNIP)

en. Source Normalized Impact per Paper (SNIP)

A bibliometric indicator for the Scopus database that compares the impact of journals in different subject areas.

Scopus
Scopus ID

Sources of selected definitions

Altmetrics: a manifesto AQU [Consulted: 27 June 2014]

<http://altmetrics.org/manifesto/>

Criteria for the evaluation of assistant lecturers (2013) AQU [Consulted: 11 June 2014]

http://www.aqu.cat/doc/doc_33065373_1.pdf

Glossary of terms for research and innovation management (2009) [Catalan, Spanish and English] AGAUR. [Consulted: 11 June 2014]

http://www10.gencat.cat/agaur_web/recursos/cientifica/glossariRDI/glossariRDI.pdf

Latindex glossary [Consulted: 11 June 2014]

http://www.latindex.unam.mx/documentos/Glosario_Latindex_esp.pdf

UPC glossary [Consulted: 11 June 2014]

<http://drac.upc.edu/info/glossari/classificacio-alfabetica/p/revista-cientifica>

ISI Web of Science. Document Types [Consulted: 11 June 2014]

http://images.webofknowledge.com/WOKRS5132R4.2/help/WOK/hs_document_types.html

Scopus. Document Type [Consulted: 11 June 2014]

<http://files.sciverse.com/documents/pdf/ContentCoverageGuide-jan-2013.pdf>

Termcat - Cercaterm [Consulted: 11 June 2014]

<http://www.termcat.cat/ca/Cercaterm/>

Velasco, B.; Eiros, J.M.; Pinilla, J.M.; San Román, J.A. “La utilización de los indicadores bibliométricos para evaluar la actividad investigadora”. *Aula Abierta*, 2012; 40(2): pp. 75-83

<http://dialnet.unirioja.es/servlet/articulo?codigo=3920967>



5.2. Annex 2. Databases for evaluating the quality of scientific journals and quality criteria

Database	Database type	Indicator	Definition and access	Subject area
Arts & Humanities Citation Index	Bibliographic	Indexed / Non-indexed	Thomson Reuters index covering the main journals in the following areas: http://www.thomsonscientific.com/cgi-bin/jrnlst/jloptions.cgi?PC=H	Humanities and Art
Bibliography of the History of Art	Bibliographic	Indexed / Non-indexed	Database listing articles related to fine arts, decorative arts and applied art: http://www.getty.edu/research/tools/bha/journals.pdf	
CARHUS PLUS	Evaluation	Category A: high-quality journal Category B,C: medium-quality journal Category D: low-quality journal	AGAUR evaluation system for scientific journals published locally, nationally and internationally. Based on the ICDS index: http://www10.gencat.cat/agaur_web/AppJava/a_info.jsp?contingut=carhus_2010	Social Sciences and Humanities

Database	Database type	Indicator	Definition and access	Subject area
CIRC - Clasificación integrada de revistas científicas [Integrated classification of scientific journals]	Evaluation	<p>Excellence group (gEX): journals of the highest possible scientific quality, Q1 in international rankings.</p> <p>Group A (gA): high-level scientific journals.</p> <p>Group B (gB): Spanish journals with no international impact, and less prestigious international journals.</p> <p>Group C (gC): less prestigious Spanish journals, and low-impact international journals.</p> <p>Group D (gD): journals of questionable scientific standing.</p>	<p>Quality-based classification of scientific journals in the social sciences and humanities:</p> <p>http://ec3metrics.com/circ/</p>	Social Sciences and Humanities
Conference Proceedings Citation Index	Bibliographic	Indexed / Non-indexed	<p>Conferences, symposia, colloquiums, workshops and conventions indexed in the ISI Web of Science, published by Thomson Reuters:</p> <p>http://thomsonreuters.com/conference-proceedings-citation-index/</p>	Multidisciplinary

APPENDIX Table 2
 INSTRUCTIONS

Database	Database type	Indicator	Definition and access	Subject area
DICE-CINDOC	Evaluation	<p>High visibility: journals scored at 12 or higher for their presence in international databases.</p> <p>Medium visibility: journals scored at between 6 and 11 for their presence in international databases.</p> <p>Low visibility: journals scored at 5 or lower for their presence in international databases.</p>	<p>Dissemination and editorial quality of Spanish journals in Humanities and in Social and Legal Sciences published by the CSIC:</p> <p>http://dice.cindoc.csic.es/</p>	Humanities, Social and Legal Sciences
ERIH	Evaluation	<p>INT1: high-visibility international publications with a strong influence among research in various fields in different countries, and regularly cited around the world.</p> <p>INT2: high-visibility international journals with a strong impact across various fields of research in different countries.</p> <p>NAT: journals with recognized academic status in the field of research in Europe, occasionally cited outside the country of publication.</p>	<p>European Science Foundation evaluation system:</p> <p>https://www2.esf.org/asp/ERIH/Foreword/search.asp</p>	Social Sciences and Humanities

Database	Database type	Indicator	Definition and access	Subject area
Francis	Bibliographic	Indexed / Non-indexed	Bibliographic database compiled by the Institut de l'Information Scientifique et Technique and distributed by Proquest: http://www.inist.fr/IMG/xls/francis_2010.xls	Multidisciplinary
Historical Abstracts	Bibliographic	Indexed / Non-indexed	Complete reference guide to the history of the world from 1450 to the present. Created by EBSCO. Publications: http://www.ebscohost.com/titleLists/hah-coverage.htm	History and Geography
IN-RECS / IN-RECJ	Evaluation	Impact factor Quartiles Times cited	An evaluation system for Spanish journals in Social Sciences created by EC3 (the Research Group on Evaluation of Science and Scientific Communication at the University of Granada): http://ec3.ugr.es/in-recs/	Social Sciences
IBSS - International Bibliography of the Social Sciences	Bibliographic	Indexed / Non-indexed	Bibliographic database created by the British Library of Political & Economic Science (London School of Economics & Political Science), indexes and provides abstracts of journal articles; http://www.csa.com/factsheets/ibss-set-c.php	Social Sciences
International Bibliography of Periodical Literature (IBZ)	Bibliographic	Indexed / Non-indexed	A database containing references to international, cross-disciplinary literature in academic journals: http://www.degruyter.com/staticfiles/content/dbsup/IBZ_01_Quellenliste.pdf	Social Sciences and Humanities
ISI Book Citation Index	Bibliographic	Times cited Relative prestige of publisher	Thomson Reuters book citation index, launched in October 2011. The UOC's subscription to Web of Science does not include access to this index; however, users can consult the Master Book List to find out if the book appears in the Book Citation Index.	Multidisciplinary

Database	Database type	Indicator	Definition and access	Subject area
Journal Citation Reports (SSCI/SCI)	Evaluation	Impact factor Quartiles Times cited	Produced by the ISI (Institute for Scientific Information) and distributed by Thomson Reuters (Scientific). It provides impact factor scores based on an analysis of citations received by a publication over a two-year period: www.accesowok.fecyt.es/factor	Science and Social Sciences
Latindex	Bibliographic	Fulfilment of criteria	Lists scientific publications from Latin America, the Caribbean, Spain and Portugal. Publications are scored on the basis of compliance with formal criteria: 33 for paper journals, and 36 for electronic journals. Created by the UNAM: http://www.latindex.unam.mx/index.html?opcion=2	Multidisciplinary
LLBA: Linguistics and Language Behavior Abstracts	Bibliographic	Indexed / Non-indexed	Database containing indicators and abstracts of international publications on linguistics and language-related disciplines.	Humanities
MIAR - Matriu d'informació per a l'avaluació de revistes [Matrix of information for journal evaluation]	Evaluation	Dissemination index (ICDS)	A system for providing a quantitative measurement of the visibility of periodical publications in Social Sciences, based on their presence in different types of databases. Created by a UB research group: http://miar.ub.es/que.php	Social Sciences and Humanities
Philosopher's Index	Bibliographic	Indexed / Non-indexed	Philosophy database covering more than 622 journals in over 40 countries. Updated quarterly.	Humanities

Database	Database type	Indicator	Definition and access	Subject area
Répertoire bibliographique de la philosophie	Bibliographic	Indexed / Non-indexed	Published by the Institut Supérieur de Philosophie (Université Catholique de Louvain). This bibliography lists works in the literature on philosophy published in the following languages: German, English, Spanish, Catalan, French, Italian, Latin, Dutch and Portuguese.	Humanities
RESH – Revistas españolas de Ciencias Sociales y Humanidades [Spanish journals in the social sciences and humanities]	Evaluation	<p>Provides different indicators based on:</p> <p>Editorial quality criteria defined by the CNEAI, ANECA and Latindex.</p> <p>Dissemination: measured by presence in national and international databases.</p> <p>Expert opinion (2009): the consensus of specialists in a particular research area on the value of a journal.</p> <p>Impact: a measure of the frequency with which a journal has been cited, in the last three years for Social Sciences journals, and in the last five years for Humanities journals.</p>	Information system integrating quality indicators for Spanish scientific journals, taken from work carried out by the EPUC group (the Research Group for the Evaluation of Scientific Publications) and the EC3 group (the Research Group on Evaluation of Science and Scientific Communication) at the University of Granada.	Social Sciences and Humanities
Journals accredited by the FECYT	Evaluation	Category-based classification (A,B,C)	FECYT evaluation system for selected humanities journals: http://www.fecyt.es/fecyt/docs/tmp/1946207942.pdf	Humanities
Science Citation Index	Bibliographic	Indexed / Non-indexed	Thomson Reuters index covering the main journals in the following areas: http:// ip-science.thomsonreuters.com/cgi-bin/jrnlst/jloptions.cgi?PC=K	Science

Database	Database type	Indicator	Definition and access	Subject area
SCOPUS	Evaluation	Identifies whether a journal has a SCImago Journal Rank (SJR) and, if so, the quartile it occupies for the subject category: 1st quartile; 2nd quartile; 3rd quartile; 4th quartile	A summary of scientific indicators for journals and countries taken from the Elsevier Scopus database and developed by the SCImago Research Group. http://www.scimagojr.com/journalsearch.php	Multidisciplinary
Social Science Citation Index	Bibliographic	Indexed / Non-indexed	Thomson Reuters index covering the main journals in the following areas: http://www.thomsonscientific.com/cgi-bin/jrnlst/jloptions.cgi?PC=J	Social Sciences
SPI - Scholarly Publishers Indicators	Evaluation	Included / Not included	Ranking of national and international publishers based on expert opinions: http://epuc.cchs.csic.es/SPI/index.html	Social Sciences and Humanities
TRIS Electronic Bibliography Data	Bibliographic	Indexed / Non-indexed	Index created by the National Transportation Library (NTL) of the Bureau of Transportation Statistics (BTS), covering the main journals in these areas: http://ntlsearch.bts.gov/repository/help.do?topic=tris_online_journals	Engineering and Construction

5.3. Annex 3. Procedure for the review of scientific output data in the GIR

