Data Dictionary and Research Methodology Notes

Assessing current practices in review, promotion and tenure across the US and Canada

April 2019 (v3)

Descriptive fields

Column	Possible values	Description
level		Row relates to documents that apply to the entire institution (i.e., university or college) or to a single academic unit (e.g., faculty, department, school, program)
	UN	University guideline
	AU	Academic Unit guideline
country		Country of the institution studied
	United States	
	Canada	
inst-type		Institution type as defined by: the Carnegie Classification of Institutions of Higher Education for the U.S.-based institutions and U15 Group of Research Universities for the Canadian ones.
	R-Type	Carnegie: Doctoral Universities Macleans: Doctoral
	M-Type	Carnegie: Master's Colleges & Universities Macleans: Comprehensive
	Bacc-Type	Carnegie: Baccalaureate Colleges Macleans: Undergradaute
inst-sub-type		Each institution type is divided into sub-types
	R1	Carnegie: Highest Research Activity
	R2	Carnegie: Higher Research Activity
	R3	Carnegie: Moderate Research Activity
	RCan	All Canadian R-types
	M1	Carnegie: Larger Programs
	M2	Carnegie: Medium Programs
	M3	Carnegie: Small Programs
	MCan	All Canadian M-types
	Bas	Carnegie: Arts and Sciences
	Bd	Cargneie: Diverse Fields
	BCan	All Canadian Baac-Type
uni_name		The name of the university associated with the row
label		The name of the unit the row applies to: could be a specific faculty or department, or the institution. Will be the same as uni_name whenever level == UN
discipline		Discipline that the academic unit belongs to. Blank for university level guidelines
	Physical Sciences & Mathematics	

	Social Sciences & Humanities	
	Life Sciences	
	Interdisciplinary	

Data fields

See the methodology notes below for details of how terms and concepts are operationalized.

Column	Description
nvivo_id	Internal identifier to uniquely identify institution or academic unit
any_metric	TRUE if any of the columns beginning with “metric” are TRUE
any_output_type	TRUE if any of the columns beginning with “output_type” are TRUE
any_peer_review	TRUE if any of the columns beginning with “peer_review” are TRUE
any_publication_venue	TRUE if any of the columns beginning with “publication_venue” are TRUE
public	see methodology 1.1
community	see methodology 1.2
public_and/or_community_engagement	see methodology 1.3
open_access	see methodology 1.4
peer_review_juried	see methodology 2.1
peer_review_peer_review/evaluation	see methodology 2.1
peer_review_refereed	see methodology 2.1
outputs_arts_artistic_works,_productions,_creations,_projects	see methodology 2.2
outputs_arts_choreographies	see methodology 2.2.a
outputs_arts_concerts	see methodology 2.2.a
outputs_arts_creative_work	see methodology 2.2.a
outputs_arts_curatorial_works_and_activities	see methodology 2.2.a
outputs_arts_drama_and_dramatic_productions	see methodology 2.2.a
outputs_arts_exhibitions	see methodology 2.2.a
outputs_arts_fiction	see methodology 2.2.a
outputs_arts_installations	see methodology 2.2.a
outputs_arts_literary_works_and_criticisms	see methodology 2.2.a
outputs_arts_musical_compositions_and_productions	see methodology 2.2.a

outputs_arts_novels	see methodology 2.2.a
outputs_arts_paintings	see methodology 2.2.a
outputs_arts_performances	see methodology 2.2.a
outputs_arts_poetry	see methodology 2.2.a
outputs_arts_recitals	see methodology 2.2.a
outputs_arts_sculptures	see methodology 2.2.a
outputs_arts_shows	see methodology 2.2.a
outputs_data_data_banks	see methodology 2.2.b
outputs_data_databases	see methodology 2.2.b
outputs_data_datasets	see methodology 2.2.b
outputs_education_booklets	see methodology 2.2.c
outputs_education_class_notes	see methodology 2.2.c
outputs_education_computer-assisted_learning_and_programs	see methodology 2.2.c
outputs_education_course_materials	see methodology 2.2.c
outputs_education_curriculum_materials	see methodology 2.2.c
outputs_education_educational_literature	see methodology 2.2.c
outputs_education_educational_materials	see methodology 2.2.c
outputs_education_exams	see methodology 2.2.c
outputs_education_handouts	see methodology 2.2.c
outputs_education_homework	see methodology 2.2.c
outputs_education_instructional_materials	see methodology 2.2.c
outputs_education_lectures	see methodology 2.2.c
outputs_education_quizzes	see methodology 2.2.c
outputs_education_study_guides	see methodology 2.2.c
outputs_education_syllabi	see methodology 2.2.c
outputs_education_tests	see methodology 2.2.c
outputs_education_textbooks	see methodology 2.2.c
outputs_events_colloquia	see methodology 2.2.d
outputs_events_conferences	see methodology 2.2.d
outputs_events_forums	see methodology 2.2.d
outputs_events_professional_meetings	see methodology 2.2.d
outputs_events_seminars	see methodology 2.2.d
outputs_events_speaking_engagements	see methodology 2.2.d
outputs_events_symposia	see methodology 2.2.d
outputs_events_workshops	see methodology 2.2.d
outputs_generic_manuscripts	see methodology 2.2.e
outputs_generic_output	see methodology 2.2.e
outputs_generic_papers	see methodology 2.2.e

outputs_generic_publications	see methodology 2.2.e
outputs_ict_audio	see methodology 2.2.f
outputs_ict_audiovisual_resources,_aids_and_materials	see methodology 2.2.f
outputs_ict_broadcasts	see methodology 2.2.f
outputs_ict_computer_programs	see methodology 2.2.f
outputs_ict_computer_software	see methodology 2.2.f
outputs_ict_digital_media	see methodology 2.2.f
outputs_ict_electronic_media	see methodology 2.2.f
outputs_ict_hardware	see methodology 2.2.f
outputs_ict_multimedia	see methodology 2.2.f
outputs_ict_recordings	see methodology 2.2.f
outputs_ict_software	see methodology 2.2.f
outputs_ict_videos	see methodology 2.2.f
outputs_ip_copyrights	see methodology 2.2.g
outputs_ip_inventions	see methodology 2.2.g
outputs_ip_licenses	see methodology 2.2.g
outputs_ip_patents	see methodology 2.2.g
outputs_ip_technology_transfer	see methodology 2.2.g
outputs_ip_trademarks	see methodology 2.2.g
outputs_preprints	see methodology 2.2.h
outputs_public_media_blogs	see methodology 2.2.i
outputs_public_media_films	see methodology 2.2.i
outputs_public_media_internet_media_and_materials	see methodology 2.2.i
outputs_public_media_magazines	see methodology 2.2.i
outputs_public_media_mass_media_outlets_and_productions	see methodology 2.2.i
outputs_public_media_newsletters	see methodology 2.2.i
outputs_public_media_newspaper_articles	see methodology 2.2.i
outputs_public_media_popular_media,_articles,_books,_press	see methodology 2.2.i
outputs_public_media_radio	see methodology 2.2.i
outputs_public_media_social_media	see methodology 2.2.i
outputs_public_media_television	see methodology 2.2.i
outputs_public_media_trade_books	see methodology 2.2.i
outputs_public_media_webinar	see methodology 2.2.i
outputs_third_party_commissioned_research_and_reports	see methodology 2.2.j
outputs_third_party_consulting_works	see methodology 2.2.j
outputs_third_party_contract_research_and_reports	see methodology 2.2.j
outputs_third_party_government_reports_and_recommendations	see methodology 2.2.j
outputs_third_party_policy_analysis_and_reports	see methodology 2.2.j

outputs_traditional_abstracts	see methodology 2.2.k
outputs_traditional_annotated_editions	see methodology 2.2.k
outputs_traditional_anthologies	see methodology 2.2.k
outputs_traditional_bibliographies	see methodology 2.2.k
outputs_traditional_book	see methodology 2.2.k
outputs_traditional_book_reviews	see methodology 2.2.k
outputs_traditional_case_studies	see methodology 2.2.k
outputs_traditional_collections	see methodology 2.2.k
outputs_traditional_commentaries	see methodology 2.2.k
outputs_traditional_concordances	see methodology 2.2.k
outputs_traditional_conference_proceedings	see methodology 2.2.k
outputs_traditional_critical_editions	see methodology 2.2.k
outputs_traditional_discussion_papers	see methodology 2.2.k
outputs_traditional_editorials	see methodology 2.2.k
outputs_traditional_enclyclopedia_entries_and_articles	see methodology 2.2.k
outputs_traditional_funding	see methodology 2.2.k
outputs_traditional_grants	see methodology 2.2.k
outputs_traditional_journal_article	see methodology 2.2.k
outputs_traditional_keynote_addresses	see methodology 2.2.k
outputs_traditional_laboratory_experiments,_manuals_and_workbooks	see methodology 2.2.k
outputs_traditional_master_classes	see methodology 2.2.k
outputs_traditional_monograph	see methodology 2.2.k
outputs_traditional_posters	see methodology 2.2.k
outputs_traditional_presentations	see methodology 2.2.k
outputs_traditional_registries	see methodology 2.2.k
outputs_traditional_research_reports,_briefs,_notes	see methodology 2.2.k
outputs_traditional_review_essays	see methodology 2.2.k
outputs_traditional_technical_reports	see methodology 2.2.k
outputs_traditional_translations	see methodology 2.2.k
outputs_traditional_white_papers	see methodology 2.2.k
outputs_wip_ongoing_research	see methodology 2.2.l
outputs_wip_papers_in_progress	see methodology 2.2.l
outputs_wip_research_in_progress	see methodology 2.2.l
outputs_wip_unpublished_articles	see methodology 2.2.l
outputs_wip_unpublished_papers	see methodology 2.2.l
outputs_wip_unpublished_research	see methodology 2.2.l
outputs_wip_unpublished_work	see methodology 2.2.l
outputs_wip_unpublished_writings	see methodology 2.2.l

outputs_wip_work_in_progress	see methodology 2.2.l
outputs_wip_working_papers	see methodology 2.2.l
publication_venue_journals	see methodology 2.3
publication_venue_publishing_houses/publishers	see methodology 2.3
publication_venue_scholarly/academic_presses	see methodology 2.3
publication_venue_venue_[generic]	see methodology 2.3
impact	see methodology 3.1
public_impact	see methodology 3.2
metrics_acceptance_and/ or_rejection_rates_[of_journals,_publication_venues]	see methodology 3.3
metrics_citations	see methodology 3.3
metrics_google_scholar	see methodology 3.3
metrics_impact_factor	see methodology 3.3
metrics_high_impact_journals	see methodology 3.3
metrics_h_index	see methodology 3.3
metrics_isi	see methodology 3.3
metrics_metrics_[generic]	see methodology 3.3
metrics_publication_rate_[of_the_candidate]	see methodology 3.3
metrics_rank/rankings_[of_journals,_publication_venues]	see methodology 3.3
metrics_readership_levels_[of_journals,_publication_venues]	see methodology 3.3
metrics_scopus	see methodology 3.3
metrics_wos	see methodology 3.3

Methodology Notes

The following describes the approach used to analyze all of the documents collected. A total of 864 documents were loaded as two separate NVivo 11 files (one for institution-level documents and one for those at the academic unit level). An NVivo "node" was created for each of the institutions and each of the academic units so that all of the documents for those units could be considered together.

When using the NEAR operator in NVivo, a distance of 3 words was used, unless otherwise specified below.

1. Public and Community Engagement in Scholarship

1.1. Public

Text search of "public".

1.2. Community

Text search of "community" OR "communities"

1.3. Public and Community Engagement in Scholarship

Aggregating results from the following coding strategies –Note: References often overlapped, results of each coding strategy were NOT exclusive:

1.3.1. In university-level guidelines:

a) Text search of "public" OR "community" NEAR "scholarship", "engagement", "research", "application" and stemmed words, and manual revision and coding. (Identifying these keywords derived from both our own research insights and terms systematized in Barreno et al, 2013.)

The resulting terms found in this set of documents were:

- "community engagement"
- "scholarship of application"
- "scholarship of engagement"
- "community(-)engaged" [scholarship and research]
- "community(-)based" [research and teaching]
- "community outreach"
- "applied scholarship"
- "public engagement"
- "public outreach"
- "public scholars"
- "knowledge mobilization"

b) Running NVivo's Autocoding function in nodes "Public" and "Community" (created through text search of the words "public" and "community", see 1.1 and 1.2 above); selecting relevant semantic units; and manually revising and coding them.

The relevant semantic units identified through Autocoding, and manually revised and coded in this set of documents were:

- general public
- impactful public
- public acclaim
- public activity
- public arena
- public communities
- public consequences
- public dissemination
- public domain
- public engagement
- public events
- public exposition
- public expression
- public forums
- public good
- public impact
- public information

- public interest
- public media
- public outreach
- public practices
- public presentation
- public product
- public programs
- public provision
- public research presentations
- public scholars
- public sharing
- public speaking engagements
- public testimonials

- community engagement
- community engagement events
- community groups
- community involvement
- community practice
- community publications
- community reports
- disseminating community
- local community
- public communities
- related community engagement
- various communities

c) In order to consider also the sections that were not coded through the Autocoding function (see b) above), we uncoded the intersecting content between the Autocoded nodes and the “Public” and “Community” nodes, followed by manual revision and coding of relevant content.

d) Text search of “access” and stemmed words (“accessible” and “accessibility”), and manual revision and coding of relevant content.

e) Text search of “communication” and stemmed words NEAR “knowledge”, “research”, “scholarship” OR “scholarly” (work, activity), and manual revision and coding of relevant content.

f) Text search of “dissemination” and stemmed words NEAR “knowledge”, “research”, “scholarship” OR “scholarly” (work, activity); running Autocoding function in resulting node; selecting relevant semantic units; and manually revising and coding them.

The relevant semantic units identified through Autocoding, and manually revised and coded in this set of documents were:

- community based knowledge dissemination
- disseminate knowledge
- disseminating community
- dissemination venues
- public dissemination

g) In order to consider also the sections that were not coded through the Autocoding function (see f) above), we uncoded the intersecting content between the Autocoded nodes and the "Dissemination" node, followed by manual revision and coding of relevant content.

1.3.2. <u>In AUs guidelines:</u>

a) Text search of "public" OR "community" NEAR "scholarship", "engagement", "research", "application" and stemmed words, and manual revision and coding. (Identifying these keywords derived from both our own research insights and terms systematized in Barreno et al, 2013.)
The resulting terms found in this set of documents were:

- "community(-)based" [research, teaching, service]
- "community engagement"
- "community(-)engaged" [scholarship and research]
- "scholarship of application"
- "community outreach"
- "scholarship of engagement"
- "public engagement"
- "public outreach"
- "applied scholarship"
- "public scholarship"
- "community scholarship"
- "knowledge mobilization"

b) Running NVivo's Autocoding function in nodes "Public" and "Community" (created through text search of the words "public" and "community", see 1.1 and 1.2 above), selecting relevant semantic units, and manually revising and coding them. The relevant semantic units identified through Autocoding, and manually revised and coded in this set of documents were:

- general public
- general public community
- lay public
- non-scientific public
- public accountability
- public activities
- public addresses

- public audiences
- public awareness
- public benefits
- public bodies
- public community
- public concern
- public consequences
- public data bases
- public debate
- public discourse
- public discussions
- public dissemination
- public engagement
- public exposure
- public forums
- public goods
- public groups
- public impact
- public intellectual
- public interest
- public interest groups
- public issues
- public knowledge
- public outreach
- public outreach activities
- public practices
- public programs
- public projects
- public reports
- public responses
- public seminars
- public understanding
- public value
- public venue

- community engagement
- community engagement activities
- community engagement opportunities
- community engagement projects
- community engagement work
- community forums
- community scholarship
- disseminating community

- engaging communities
- general community
- general public community
- public communities

c) In order to consider also the sections that were not coded through the Autocoding function [see b) above], we uncoded the intersecting content between the Autocoded nodes and the "Public" and "Community" nodes, followed by manual revision and coding of relevant content.

d) Text search of "access" and stemmed words (e.g. "accessible", "accessibility") and manually coding relevant content.

e) Text search of "communication" and stemmed words NEAR "knowledge", "research", "scholarship" OR "scholarly" [work, activity], and manually coding relevant content.

f) Text search of "dissemination" and stemmed words NEAR "knowledge", "research", "scholarship" OR "scholarly" [work, activity]; running Autocoding function in resulting node; selecting relevant semantic units; and manually revising and coding them.
The relevant semantic units identified through Autocoding, and manually revised and coded in this set of documents were:
- disseminating community
- public dissemination

g) In order to consider also the sections that were not coded through the Autocoding function [see f) above], we uncoded the intersecting content between the Autocoded nodes and the "Dissemination" node, followed by manual revision and coding of relevant content.

1.4. Open Access

Text search of "open" NEAR "access" and manually revising and coding relevant content.

2. Characteristics of Scholarly Work

2.1. Peer-reviewed, refereed and/or juried

Text search of the following terms, combined with manual revision and uncoding of irrelevant content:
- "peer" NEAR "review " OR "reviewed" OR "evaluation"
- "refereed"
- "juried"

2.2. Research outputs / Outputs of scholarship

We take a maximalist approach to defining an output. Although some of the items identified below (e.g., “poetry”, “fiction”, “novels”, “plays”, “art shows”, “installations”) are not considered research outputs in all documents (some refer to these as “creative works” instead), we include them among the “research outputs”/”outputs of scholarship” category because we found at least one institution that mentioned them as such. Similarly, we include some items that would are sometimes considered “teaching outputs” (e.g., “textbooks”, “curriculum materials”) and possibly service (e.g., “blogs”), even when they are found in those sections of documents, because we found at least one institution that mentioned them in the context of research.

A note on activities: Several RPT guidelines define scholarship in terms of activities instead of products (e.g. consulting, refereeing, editing, presenting, organizing). The production of an “output” can be implied from some of these activities, but not in all instances. Therefore we decided to exclude activities from our analysis.

2.2.1 Identifying terms

Text queries were performed on the terms below, but were complemented with manual revision and uncoding of irrelevant content.

To identify the relevant terms, manual revision and identification of terms in a large set of Baccalaureate institutions and then, after realizing manual coding of all documents was not feasible, in another random selection of 4 institutions per group institution sub-type. For each sub-type we reviewed the institutional guidelines of 2 of them, and the guidelines of 2 academic units of the 2 other institutions.

After identifying all the relevant terms, we classified grouped them into the following categories. While categories are presented and variable names chosen according to the category, the dataset includes the disaggregated data.

a. **Arts-related outputs**

- *"shows" (excluded singular form due to many irrelevant results; and manual coding due to several irrelevant results even with plural form)*
- *“literary work” OR “literary works” OR “literary criticism” OR “literary criticisms”*
- *"artistic work" OR "artistic works" OR "art work" OR "art works" OR "artwork" OR "artworks"*
- *"artistic creation" OR "artistic creations"*
- *"artistic production" OR "artistic productions"*
- *"artistic material" OR "artistic materials"*
- *"artistic project" OR "artistic projects"*
- *"work of art" OR "works of art"*
- *"musical composition" OR "musical compositions" OR “musical production” OR “musical productions”*
- *“concert” OR “concerts” (manual coding due to several irrelevant results)*
- *“recital” OR “recitals”*
- *“poetry”*
- *novels (excluded singular form due to many irrelevant results)*
- *installations (excluded singular form due to many irrelevant results)*
- *“paintings”*
- *“drama” OR "dramatic production" OR "dramatic productions"*
- *"musical production" OR "musical productions"*

- *“sculptures”*
- *curatorial (then manual coding to select relevant results)*
- *“Choreographies” OR “choreography”*

b. **Data-related outputs**

- *"database" OR "databases" OR "data base" OR "data bases"*
- *“dataset” OR “datasets” OR “data set” OR “data sets”*
- *"data banks" OR "data bank" OR "databank" OR "databanks"*

c. **Educational outputs**

- *“textbook” OR “text book” OR “textbooks” OR “text books”*
- *“curriculum material” OR “curriculum materials”*
- *“curriculum guide” OR “curriculum guides”*
- *“course documents” OR “course documents”*
- *“course material” OR “course materials”*
- *“course curriculum” ~1; “course curricula” ~1*
- *“courseware”*
- *“booklets”*
- *“syllabus” OR “syllabi”*
- *“homework”*
- *“exams” (excluded singular form due to many irrelevant results)*
- *“quiz” OR “quizzes”*
- *“tests” (excluded singular form due to many irrelevant results)*
- *“handout” OR “handouts” (manual revision and coding)*
- *“class notes”*
- *“computer-assisted learning” OR “computer-assisted programs”*
- *“study guide” OR “study guides”*
- *“educational material”, “educational materials”, OR “educational literature”*
- *“instructional material” OR “instructional materials”*
- *“lectures” (singular form retrieved many irrelevant results related to the verbal form)*

d. **Event-related outputs**

- *“colloquia” OR “colloquium”*
- *“symposia” OR “symposium”*
- *“workshop” OR “workshops”*
- *“seminar” OR “seminars”*
- *"professional meeting" OR "professional meetings"*
- *“conference” OR “conferences”*
- *“speaking engagement” OR “speaking engagements”*

e. **Generic outputs**

- *“manuscript” OR “manuscripts”*
- *“paper” OR “papers”*

f. **ICT outputs**

- *“computer-assisted” (and manual revision and coding)*
- *“software”*
- *“hardware”*
- *"computer program" OR "computer programs"*

- *“computer software”*
- *“video” OR “videos”*
- *"multimedia" OR "multi-media"*
- *“audiovisual” OR “audio-visual” OR “audiovisuals” OR “audio-visuals”*
- *“electronic media”*
- *“digital media”*
- *“audio” OR “audios”*
- *"audio tape" OR "audio tapes" OR "audiotape" OR "audiotapes"*
- *"video tape" OR "video tapes" OR "videotape" OR "videotapes"*
- *“recording” OR “recordings”*

g. **IP-related outputs**

- *“trademark” OR “trademarks”*
- *“license” OR “licenses” (manual coding to exclude professional and clinical licenses)*
- *“intellectual property licensing”*
- *“licensing agreement” OR “licensing agreements”*
- *“industrial licensing”*
- *“invention” OR “inventions”*
- *“copyright” OR “copyrights”*
- *“Technology transfer”*

h. **Preprints**

- “preprint” OR “preprints”

i. **Public media outputs**

- *“newspaper” OR “newspapers”*
- *“newsletter” OR “newsletters”*
- *“magazine” OR “magazines”*
- *“popular article” OR “popular articles*
- *“popular book” OR “popular books”*
- *“popular press”*
- *“popular media”*
- *“trade books” OR “trade books”*
- *“mass media” (manual coding of relevant references; coded as node “mass media outlets and productions” after looking at most common references)*
- *“blog” OR “blogs”*
- *“social media”*
- *“Twitter”*
- *“webinar” OR “webinars”*
- *Internet (manual coding of relevant references, since sometimes they were related to other university matters and not a specific faculty output for RPT evaluation. Coded as node “Internet media and materials” after looking at most common references).*
- *recordings (excluded singular form due to many irrelevant results; and manual coding due to several irrelevant results even with plural form)*
- *“broadcast” OR “broadcasts”*
- *“film” OR “films”*

- *“television” OR “tv”*
- *“radio”*

j. **Third party collaborations**

- *"government report" OR "government reports"*
- *"government recommendations" OR "government recommendation"*
- *“government brief” OR “government briefs”*
- *“government research”*
- *"policy report" OR "policy reports"*
- *“policy paper” OR “policy papers”*
- *“policy document” OR “policy documents” (manual coding of relevant references)*
- *“policy analysis” OR “policy analyses”*
- *“policy material” OR “policy materials”*
- *"commissioned work" OR "commissioned works"*
- *"commissioned report" OR "commissioned reports"*
- *"commissioned assignment" OR "commissioned assignments"*
- *“contract research”*
- *"contract report" OR "contract reports"*
- *"consulting report" OR "consulting reports" OR "consultant report" OR "consultant report"*
- *"consulting work" OR "consulting works"*
- *"consultancy" OR "consultancies"*
- *"professional consultation" OR "professional consultations"*

k. **Traditional and quasi-traditional outputs**

- *“funding”*
- *“abstract” OR “abstracts”*
- *“bibliography” OR “bibliographies”*
- *“book review” OR “book reviews” (“reviews books” ~3 and “review books” ~3 retrieved many irrelevant results; e.g. “reviews of faculty’s books”)*
- *“case study” OR “case studies”*
- *commentaries (excluded singular form due to many irrelevant results related to RPT procedures, e.g. “faculty member provides a contextual commentary on teaching objectives and experiences”)*
- *editorials (excluded singular form due to many irrelevant results e.g. “editorial activities”).*
- *"encyclopedia entry" OR "encyclopaedia entry" OR "encyclopedia entries" OR "encyclopaedia entries" OR "encyclopedia article" OR "encyclopedia articles" OR "encyclopaedia article" OR "encyclopaedia articles"*
- *“poster” OR “posters”*
- *“technical report” OR “technical reports”*
- *“research report” OR “research reports”*
- *“research brief” OR “research briefs”*
- *“translation” OR “translations”*
- *“annotated edition” OR “annotated editions”*
- *“concordances”*
- *“discussion paper” OR “discussion papers”*
- *“registries” OR “registry”*
- *“review essay” OR “review essays”*
- *“white paper” OR “white papers”*

- *“keynote address” OR “keynote addresses”*
- *"laboratory manual" OR "laboratory manuals"*
- *"laboratory workbook" OR "laboratory workbooks"*
- *"laboratory experiment" OR "laboratory experiments"*
- *collections (singular form retrieved many irrelevant results)*
- *"critical edition" OR "critical editions"*
- *“master class” OR “master classes”*
- *“anthology” OR “anthologies”*
- *“book review” OR “book reviews”*

l. **Work in progress**

- *"paper in progress" OR "papers in progress"*
- *“work in progress”*
- *“research in progress”*
- *“unpublished research”*
- *“unpublished works” or “unpublished work”*
- *“unpublished writings”*
- *"unpublished paper" OR "unpublished papers"*
- *"unpublished article" OR "unpublished articles"*
- *“working paper” OR “working papers”*
- *“ongoing research”*
- *“forthcoming article” OR “forthcoming articles”*

m. **The following text searches did not retrieve enough results relevant:**

- *“survey” OR “surveys” (term often related to university procedures, e.g. “department survey committees”, “the following survey is designed to assess faculty…”)*
- *“dictionary article” (retrieved few to no results)*
- *“guides to the literature” (retrieved few to no results)*
- *“study manuals” OR “study manual”*
- *“instruction manual” OR “instruction manuals” (retrieved few to no results)*
- *essays (often referring to faculty essays for the RPT dossier)*
- *reprints (often related to reprints of faculty’s work for the RPT dossier)*
- *curricula OR curriculum (often related to faculty’s curriculum for the RPT dossier)*
- *equipment (term initially identified next to software and hardware, but text search retrieved a large amount of non-relevant results; intense manual coding was necessary)*
- *“scholarly web pages” (retrieved few to no results)*
- *“websites” OR “web sites” OR “web page” OR “web pages” OR “webpage” OR “webpages” (often related to websites of any sort, and not to a faculty output related to RPT evaluation)*
- *“CD” OR “CD-ROM” (often related to the format for dossier submission, and not to an output)*
- *“DVD” OR “DVDs” (often related to the format for dossier submission, and not to an output)*
- *news (retrieved a large amount of non-relevant results; intense manual coding was necessary)*
- *“commercial books” OR “commercial book” OR “commercial article” OR “commercial articles” (only “popular” and “trade” were used as adjectives)*

- *"letter to the editor" OR "letter to the editors" (retrieved few to no results)*
- *"interview" OR "interviews" (often related to an ample spectrum of activities or RPT procedures, e.g. "Examples might include radio and television interviews"; "Grants interviews to share expertise"; "Evaluations: course evaluations, exit interviews, peer evaluations, classroom visits, alumni evaluations")*
- *"bulletin" OR "bulletins" (often related to university communications and not to a scholarship output for RPT evaluation)*
- *"column" OR "columns" (not always referring to columns as an editorial piece)*
- *licensing (often related to professional and clinical licensing processes)*
- *"policy brief" OR "policy briefs" (did not retrieve results in that exact form)*
- *"contract" OR "contracts" (retrieved a large amount of non-relevant results related to contractual activities of any sort and not third party work)*
- *"videoconferencing" OR "videoconference" OR "videoconferences" OR "video conferencing" OR "video conference" OR "video conferences" (often related to RPT procedures)*
- *"play" OR "plays" (not always referring to plays as an artistic output)*
- *dance (not always referring to dance as an artistic output but to the name of an academic unit or other organizations)*
- *music (not always referring to dance as an artistic output but to the name of an academic unit or other organizations)*
- *"panel" OR "panels" (retrieved a large amount of non-relevant results often related to RPT procedures)*
- *"convention" OR "conventions" (retrieved a large amount of non-relevant results often related to social and academic conventions)*
- *"clinic" OR "clinics" (retrieved a large amount of non-relevant results often related to the medical practice)*

2.3. Publication venues

Text search of the following terms, followed by manual revision and uncoding of irrelevant content:

- "venue" OR "venues" [for publication, publishing]
- "journal" OR "journals"
- "press" OR presses" [scholarly, academic]
- "publishing house" OR "publishing houses"
- "publisher" OR "publishers"

3. Impact of Scholarly Work

3.1. Impact

Text search of "impact".

3.2. Public Impact

Text search of "public" NEAR "impact" (proximity: 15 words), and revising and coding relevant content.

3.3. Metrics

Text search of the following terms, followed by manual revision and uncoding of irrelevant content:

- "citation" OR "citations" [counts, index, indices]
- "impact" NEAR "factor" OR "factors" OR "score" OR "scores" OR "metric" OR "metrics" OR "index" OR "indices" (node: metrics_impact_factor)

- “impact” NEAR “journal” OR “journals” [by revising results of this search we identified the terms “high-impact journal(s)”, “impact of the journal(s)” and “journal(’s) impact”. Subsequently, we did specific searches of those terms and coded them within the node “impact factor”.] (node: metrics_high_impact_journal)
- “acceptance” OR “rejection” NEAR “rate” OR “rates” [of journals, publication venues]
- “publication” NEAR “rate” OR “rates” [of faculty, candidate, applicant]
- “rank” OR “ranking” or “rankings” [of journals, publication venues]
- “readership” [levels]
- “metrics” [generic term]
- “Google Scholar”
- “H(-)Index”
- “ISI”
- “Web of Science”
- “Scopus”

References

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