

Edinburgh Research Explorer

ER•data:



Stats Digest: the Top 100 downloads from Edinburgh Research Explorer in August 2019

This is nominally a follow-up to Edinburgh Research Archive | ER-data: Jan. – June 2019 [<http://libraryblogs.is.ed.ac.uk/openscholarship/2019/08/27/edinburgh-research-archive-er-data-jan-june-2019/>]. If that was a general introduction, this is a deeper-trawl as suggested in the conclusions. This report doesn't aim to analyse the data, that's for later, the purpose here is to gather data and then restate and display it as information.

The data was obtained from IRUS-UK [<https://irus.jisc.ac.uk>] during September 2019. It used Item Report 1 (IR1): Number of Successful Item Download Requests by Month and Repository Identifier [Date Range: from Aug-2019 to Aug-2019; Filter: Edinburgh Research Explorer; Report Attributes: Order By Total Downloads (descending)]. These selections were then cross-referenced with the Research Output meta-data available in Edinburgh Research Explorer [<https://www.research.ed.ac.uk>].

The gathering of data was a slow process and had to be spread over a 2-week period:

| | | | | | |
|-----------|------------|-----------|------------|------------|------------|
| 1 to 6: | 13/09/2019 | 26 to 33: | 19/09/2019 | 71 to 80: | 25/09/2019 |
| 7 to 11: | 16/09/2019 | 34 to 42: | 20/09/2019 | 81 to 87: | 26/09/2019 |
| 12 to 18: | 17/09/2019 | 43 to 56: | 23/09/2019 | 88 to 100: | 27/09/2019 |
| 19 to 25: | 18/09/2019 | 57 to 70: | 24/09/2019 | | |

In the course of gathering the data, 4 of the 100 items were deleted or withdrawn.

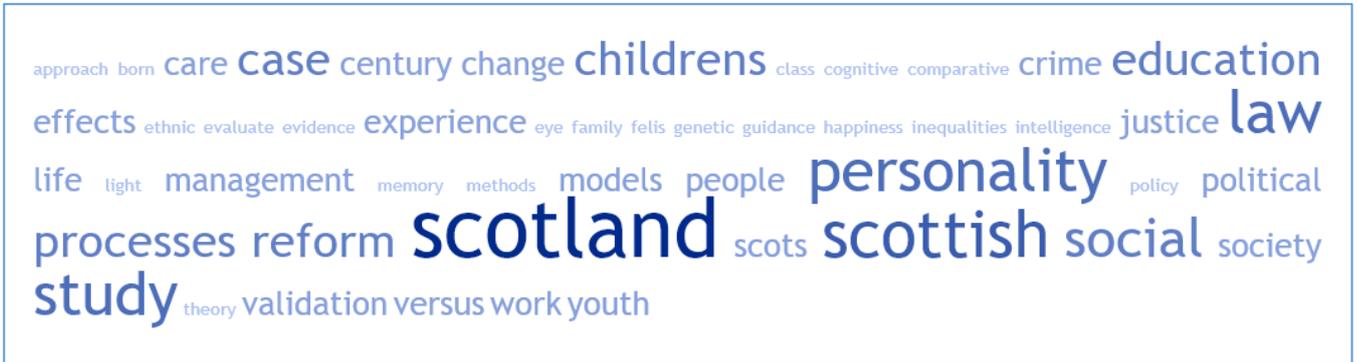
Contents:

| | |
|--|-------------------------------------|
| 1. Titles..... | 4 |
| a. Word-Cloud (Top 100)..... | 4 |
| b. Word Cloud (Top 50)..... | 4 |
| c. Most common words..... | 4 |
| d. Most common 2-word phrases..... | 5 |
| e. Most common 3-word phrases..... | 5 |
| f. Number of characters per title (inc. spaces)..... | 5 |
| 2. Authors..... | 6 |
| a. Most occurring; Most downloaded..... | 6 |
| b. No. of contributors – Top 100..... | 6 |
| c. No. of contributors – Top 50..... | 6 |
| d. Average no. of title characters/No. of authors – Top 100..... | 6 |
| 3. Item Types..... | 7 |
| a. IRUS categories..... | 7 |
| b. Edinburgh Research Explorer Research Outputs..... | 7 |
| c. Edinburgh Research Explorer > Research Outputs > Specific..... | 8 |
| d. Edinburgh Research Explorer > Research Outputs > Specific > Document..... | 8 |
| i. Contribution to journal > Article > Accepted author manuscript:..... | 10 |
| ii. Contribution to journal > Article > Final published version:..... | 10 |
| 4. Organisations..... | 11 |
| a. Research item per organisation; Downloads per organisation..... | 11 |
| 5. Downloads..... | Error! Bookmark not defined. |
| a. Downloads vs. character count (inc. spaces)..... | 12 |
| b. Downloads vs. No. of authors..... | 13 |
| 6. Language..... | 13 |
| 7. Publication Date..... | 14 |
| a. Distribution by year..... | 14 |
| b. Total Downloads per publication year..... | 15 |
| c. % of Total Downloads per 5-years of publication year..... | 15 |
| d. % of Total Downloads per 5-years of publication year..... | 16 |
| e. Distribution by month..... | 16 |
| f. Publication Dates vs. Downloads..... | 17 |
| g. School of Law..... | 18 |
| h. School of Philosophy, Psychology and Language Sciences..... | 18 |
| i. School of Social and Political Science..... | 19 |
| j. Comparison of selected schools..... | 20 |

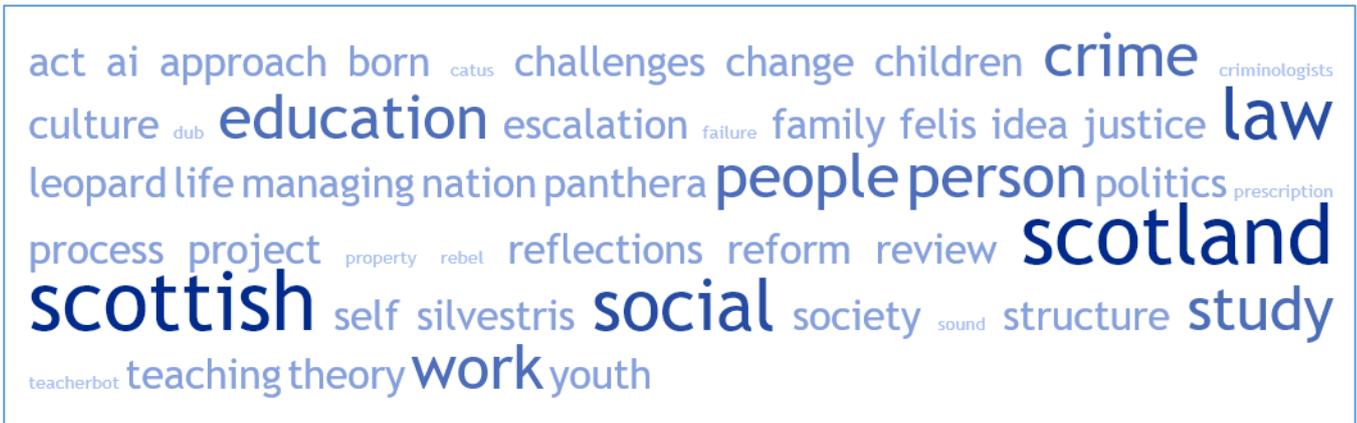
| | |
|--|----|
| 8. File Size | 20 |
| a. File Size (x) vs. No. of characters [inc. spaces] (y) | 20 |
| b. No. of names / File Size | 21 |
| c. Item Type (IRUS categories) / File Size | 21 |
| d. Item Type (Edinburgh Research Explorer Research Outputs) / File Size | 22 |
| e. Item Type (Edinburgh Research Explorer Research Outputs > Specific) / File Size | 23 |
| f. Item Type (Edinburgh Research Explorer Research Outputs > Specific > Document) / File Size | 23 |
| g. Downloads (x) vs. File Size (y) | 25 |
| h. Avg. Downloads / File Size | 25 |
| 9. Open-Access | 26 |
| 10. Time between publication and peak downloads | 26 |
| a. Items with publication date in months | 26 |
| i. Frequency (x) / Time span in months (y) | 26 |
| ii. Downloads (x) / Time span in months (y) | 27 |
| b. Items with publication date by year | 28 |
| i. Frequency (x) / Time span in months (y) | 28 |
| ii. Downloads (x) / Time Span in Years (y) | 28 |

1. Titles

a. Word-Cloud (Top 100)



b. Word Cloud (Top 50)



c. Most common words

The most common significant words were Scotland (10), Scottish (7), law (6), study (5), social (5), case (4), education (4), personality (4)

| | | | | | |
|-----|-----------------|----|-----|--------------------|---|
| 1. | <i>the</i> | 70 | 11. | <i>scottish</i> | 7 |
| 2. | <i>of</i> | 61 | 12. | <i>as</i> | 6 |
| 3. | <i>and</i> | 50 | 13. | <i>law</i> | 6 |
| 4. | <i>in</i> | 41 | 14. | <i>study</i> | 5 |
| 5. | <i>a</i> | 22 | 15. | <i>social</i> | 5 |
| 6. | <i>to</i> | 14 | 16. | <i>unknown</i> | 4 |
| 7. | <i>scotland</i> | 10 | 17. | <i>case</i> | 4 |
| 8. | <i>an</i> | 8 | 18. | <i>education</i> | 4 |
| 9. | <i>on</i> | 8 | 19. | <i>personality</i> | 4 |
| 10. | <i>for</i> | 8 | 20. | <i>with</i> | 4 |

d. Most common 2-word phrases

| | | |
|----|-------------------------|---|
| 1. | <i>of the</i> | 8 |
| 2. | <i>in the</i> | 5 |
| 3. | <i>of a</i> | 4 |
| 4. | <i>and the</i> | 4 |
| 5. | <i>scotland the</i> | 3 |
| 6. | <i>well being</i> | 3 |
| 7. | <i>in</i> | 3 |
| 8. | <i>on the</i> | 3 |

e. Most common 3-word phrases

| | | |
|----|---------------------------|---|
| 1. | <i>of the law</i> | 2 |
| 2. | <i>what does the</i> | 2 |
| 3. | <i>reflections on the</i> | 2 |
| 4. | <i>in scots law</i> | 2 |
| 5. | <i>validation of a</i> | 2 |
| 6. | <i>of the law</i> | 2 |
| 7. | <i>what does the</i> | 2 |
| 8. | <i>reflections on the</i> | 2 |

f. Number of characters per title (inc. spaces)

| | Top 100 | Top 50 | Top 10 |
|---------------------------|---------|--------|--------|
| Fewest Characters: | 21 | 28 | 52 |
| Most Characters: | 232 | 232 | 232 |

| | Top 100 | % | Top 50 | % | Top 10 | % |
|----------------|---------|--------------|--------|--------------|--------|--------------|
| 200+ | 2 | 2.08 | 1 | 2.00 | 1 | 10.00 |
| 150-200 | 1 | 1.04 | 0 | 0 | 0 | 0 |
| 100-149 | 17 | 17.71 | 5 | 10.00 | 0 | 0 |
| 50-99 | 53 | 55.21 | 34 | 68.00 | 9 | 90.00 |
| -49 | 23 | 23.96 | 10 | 20.00 | | 0 |

2. Authors

a. Most occurring; Most downloaded

The 96 identifiable research items have a total of 226 different credited authors; of them, only 10 are credited more than once:

| | | Titles: | | | Downloads: |
|-----|--------------------------|---------|-----|-------------------------------|------------|
| 1. | Alexander Weiss | 4 | 1. | John Kelly | 2020 |
| 2. | John Kelly | 2 | 2. | Alexander Weiss | 1089 |
| 3. | Hector MacQueen | 2 | 3. | Hector MacQueen | 969 |
| 4. | Lesley McAra | 2 | 4. | Sean Williams | 884 |
| 5. | Susan McVie | 2 | 5. | David Cabrelli | 700 |
| 6. | Sergio Della Sala | 2 | 6. | Marieke Cassia Gartner | 665 |
| 7. | G. Maher | 2 | 7. | David M. Powell | 665 |
| 8. | Stana Nenadic | 2 | 8. | Lesley McAra | 649 |
| 9. | Timothy C. Bates | 2 | 9. | Mark Smith | 579 |
| 10. | I. J. Deary | 2 | 10. | Bill Whyte | 579 |

b. No. of contributors – Top 100

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|----|----|----|---|---|---|---|---|---|----|----|----|----|----|----|----|
| 46 | 19 | 15 | 8 | 3 | - | - | - | - | 1 | - | 1 | 1 | - | 1 | 1 |

c. No. of contributors – Top 50

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|----|----|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| 23 | 12 | 6 | 3 | 1 | - | - | - | - | - | - | - | 1 | - | - | - |

d. Average no. of title characters/No. of authors – Top 100

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|-------|-------|------|-------|-------|---|---|---|---|-----|----|----|-----|----|-----|----|
| 68.63 | 70.58 | 98.6 | 78.86 | 85.67 | - | - | - | - | 153 | - | 69 | 107 | - | 114 | 84 |

3. Item Types
a. IRUS categories

| Research Output Type | Top 100: | Average downloads per item type: | Average No. of characters in title | Average No. of authors | Top 50: |
|-------------------------------------|----------|----------------------------------|------------------------------------|------------------------|---------|
| Article | 82 | 259.82 | 79.45 | 2.62 | 42 |
| Book | 6 | 206.17 | 63.67 | 2.5 | 3 |
| Conference or Workshop Item - Other | 3 | 472.33 | 62.67 | 1 | 3 |
| Other | 1 | 162 | 59 | 2 | - |
| Unknown | 4 | 187.75 | 62 | 1.75 | 2 |
| All | 96 | 259.08 | 77 | 2.52 | 50 |

b. Edinburgh Research Explorer Research Outputs

| Research Output Type (general) | Top 100: | Average downloads per item type: | Average No. of characters in title | Average No. of authors | Top 50: |
|--|----------|----------------------------------|------------------------------------|------------------------|---------|
| Contribution to journal | 70 | 231.91 | 82.01 | 2.81 | 35 |
| Book/Report | 6 | 206.17 | 63.67 | 2.5 | 3 |
| Chapter in Book/Report/Conference proceeding | 10 | 463.5 | 72.3 | 1.8 | 7 |
| Contribution to conference | 3 | 472.33 | 67.98 | 1 | 3 |
| Contribution to specialist publication | 2 | 218 | 25.5 | 1 | - |
| Research output | 2 | 143.5 | 61.5 | 1.5 | - |
| Working paper | 3 | 208.67 | 61.33 | 1.77 | 2 |

c. Edinburgh Research Explorer > Research Outputs > Specific

| Research Output Type (general) | Research Output Type (specific) | Top 100 : | Average downloads per item type: | Average No. of characters in title | Average No. of authors | Top 50: |
|--|---------------------------------|-----------|----------------------------------|------------------------------------|------------------------|---------|
| Book/Report | Book | 2 | 204 | 40.5 | 1 | 1 |
| | Commissioned report | 4 | 207.25 | 75.25 | 3.25 | 2 |
| Chapter in Book/Report/Conference proceeding | Chapter | 2 | 951 | 86.5 | 1 | 1 |
| | Chapter (peer-reviewed) | 6 | 379 | 64.5 | 1.83 | 4 |
| | Conference contribution | 2 | 229.5 | 81.5 | 1.5 | 2 |
| Contribution to conference | Other | 2 | 358.5 | 64 | 1 | 2 |
| | Paper | 1 | 700 | 60 | 1 | 1 |
| Contribution to journal | Article | 65 | 238.29 | 81.72 | 2.65 | 34 |
| | Editorial | 3 | 136.33 | 94.67 | 6.33 | - |
| | Literature review | 2 | 168 | 72.5 | 3 | - |
| Contribution to specialist publication | Article | 2 | 218 | 25.5 | 1 | 1 |
| Research output | Other contribution | 1 | 162 | 59 | 2 | - |
| | Working paper | 1 | 125 | 64 | 1 | - |
| Working paper | Discussion paper | 2 | 197.5 | 64 | 2.5 | 1 |
| | | 1 | 231 | 56 | 1 | 1 |

d. Edinburgh Research Explorer > Research Outputs > Specific > Document

| Research Output Type (general) | Research Output Type (specific) | Research Output Type (more specific) | Top 100: | Average downloads per item type: | Average No. of characters in title | Average No. of authors | Top 50: |
|--------------------------------|---------------------------------|--------------------------------------|----------|----------------------------------|------------------------------------|------------------------|---------|
| Book/Report | Book | Accepted author manuscript | 1 | 180 | 23 | | - |
| | | Final published version | 1 | 228 | 58 | | 1 |
| | Commissioned report | Final published version | 4 | 207 | 72 | | 2 |
| Chapter in Book/Report/ | Chapter | Accepted author manuscript | 2 | 951 | 87 | | 1 |

| | | | | | | | |
|--|-------------------------|----------------------------|-----|-----|-----|---|----|
| Conference proceeding | Chapter (peer-reviewed) | Accepted author manuscript | 3 | 442 | 58 | | 2 |
| | | Final published version | 2 | 191 | 72 | | 1 |
| | | 1 | 566 | 70 | | 1 | |
| | Conference contribution | Accepted author manuscript | 1 | 248 | 116 | | 1 |
| | | Final published version | 1 | 211 | 47 | | 1 |
| Contribution to conference | Other | Accepted author manuscript | 2 | 359 | 64 | | 2 |
| | Paper | Accepted author manuscript | 1 | 700 | 60 | | 1 |
| Contribution to journal | Article | Accepted author manuscript | 33 | 260 | 88 | | 20 |
| | | First published version | 2 | 266 | 74 | | 2 |
| | | Final published version | 24 | 219 | 103 | | 10 |
| | | Submitted manuscript | 5 | 186 | 75 | | 2 |
| | | | 1 | 198 | 37 | | - |
| | Editorial | Accepted author manuscript | 3 | 136 | 95 | | - |
| | Literature review | Accepted author manuscript | 1 | 176 | 103 | | - |
| | | Final published version | 1 | 160 | 42 | | - |
| Contribution to specialist publication | Article | Accepted author manuscript | 1 | 249 | 30 | | 1 |
| | | Final published version | 1 | 187 | 21 | | - |
| Research output | Other contribution | Final published version | 1 | 162 | 59 | | - |
| | Working paper | Accepted author manuscript | 1 | 125 | 64 | | - |
| Working paper | Discussion paper | Final published version | 1 | 216 | 89 | | 1 |
| | | Submitted manuscript | 1 | 179 | 39 | | - |
| | | Accepted author manuscript | 1 | 231 | 56 | | 1 |

With the only two significant categories being:

Contribution to journal > Article > Accepted author manuscript 33

Contribution to journal > Article > Final published version 24

i. Contribution to journal > Article > Accepted author manuscript:

| Organisations: | Average Downloads: | Average No. of Characters in Title: | Average No. of Authors: |
|--|--------------------|-------------------------------------|-------------------------|
| School of Health in Social Science (4) | 214 | 104 | 2.25 |
| School of Philosophy, Psychology and Language Sciences (4) | 153 | 114 | 3 |
| School of Social and Political Science (4) | 207 | 64 | 1.25 |
| Business School (3) | 208 | 67 | 1.33 |
| Moray House School of Education and Sport (3) | 286 | 57 | 2 |

The patterns here seem to confirm the existing trends:
 Moray House averages more downloads and shorter titles;
 PPL averages fewer downloads and more authors.

ii. Contribution to journal > Article > Final published version:

| Organisations: | Average Downloads: | Average No. of Characters in Title: | Average No. of Authors: |
|---|--------------------|-------------------------------------|-------------------------|
| School of History, Classics and Archaeology (5) | 204 | 67.8 | 1.2 |
| School of Law (4) | 256 | 64.5 | 1.25 |

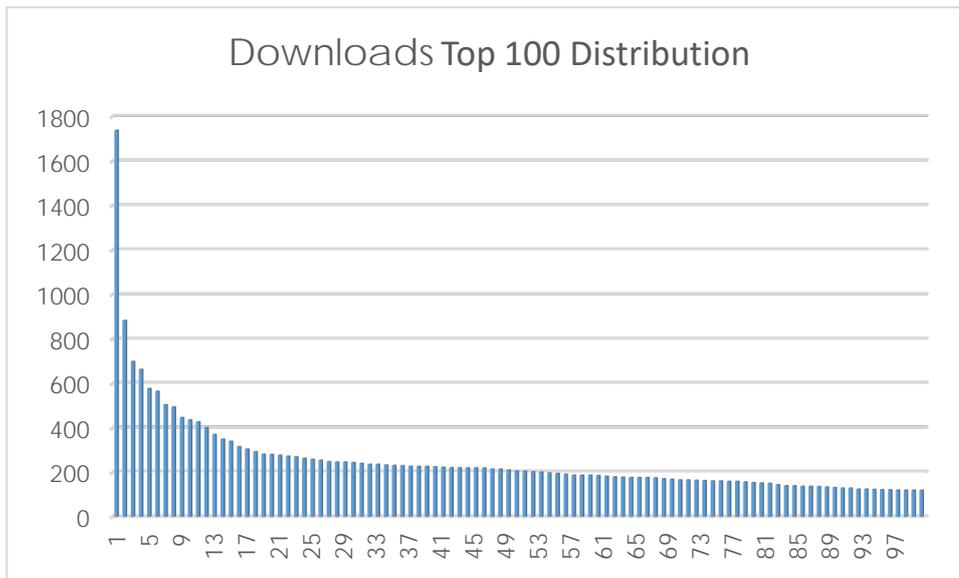
Not much to work with, both very much inliers, so neither disagrees with established trends.

4. Organisations

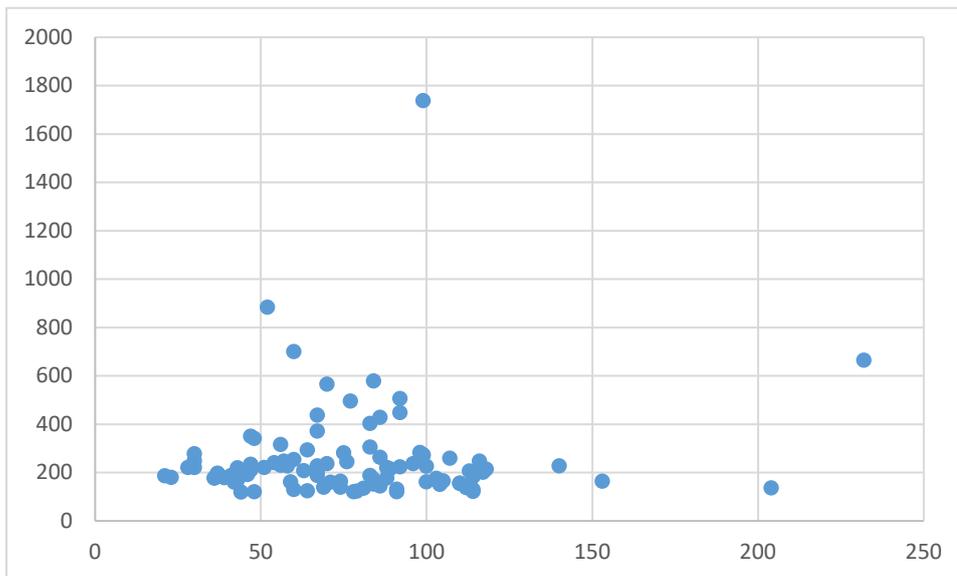
a. Research item per organisation; Downloads per organisation

| | | Titles: | | | Downloads: |
|--------|--|----------------|-----|--|-------------------|
| 1. | School of Law | 15 | 1. | School of Law | 4284 |
| 2. | School of Philosophy, Psychology and Language Sciences | 10 | 2. | Moray House School of Education and Sport | 3901 |
| 3. | School of Social and Political Science | 10 | 3. | School of Philosophy, Psychology and Language Sciences | 2599 |
| 4. | Moray House School of Education and Sport | 9 | 4. | School of Social and Political Science | 2320 |
| 5. | School of History, Classics and Archaeology | 8 | 5. | Edinburgh College of Art | 2086 |
| 6. | Edinburgh College of Art | 7 | 6. | School of History, Classics and Archaeology | 1565 |
| 7. | School of Health in Social Science | 6 | 7. | School of Health in Social Science | 1454 |
| 8. | Business School | 5 | 8. | Business School | 1265 |
| 9. | School of Engineering | 4 | 9. | School of Engineering | 1047 |
| 10-15. | = | 3 | 10. | Centre for Research in Education Inclusion | 937 |

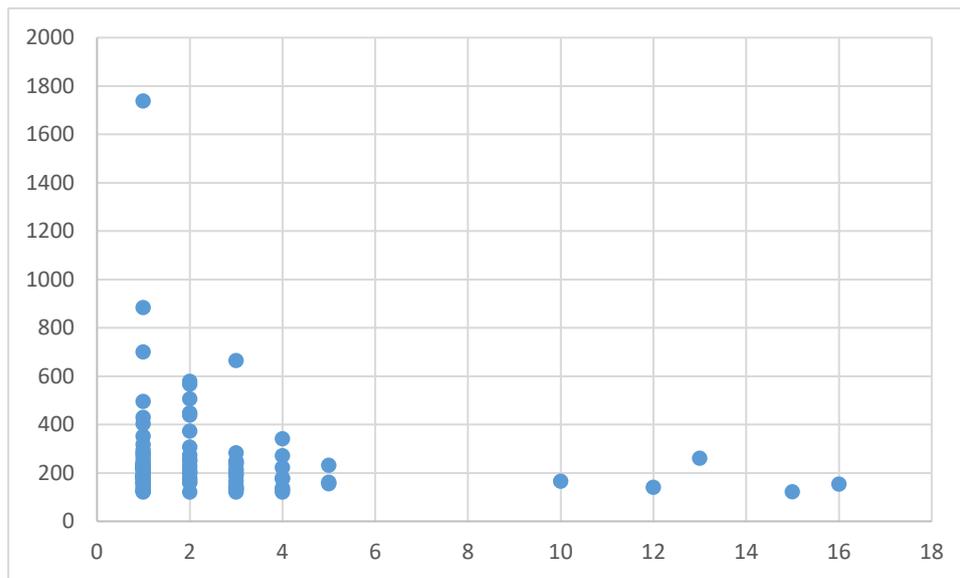
5. Downloads



a. Downloads vs. character count (inc. spaces)



b. Downloads vs. No. of authors



6. Language

Unsurprisingly (or maybe it actually is surprising) 99% of the research items were written in English. The remaining 1% was Italian.

7. Publication Date

39 of 96 give only a year of publication; 57 give at least a month and year.

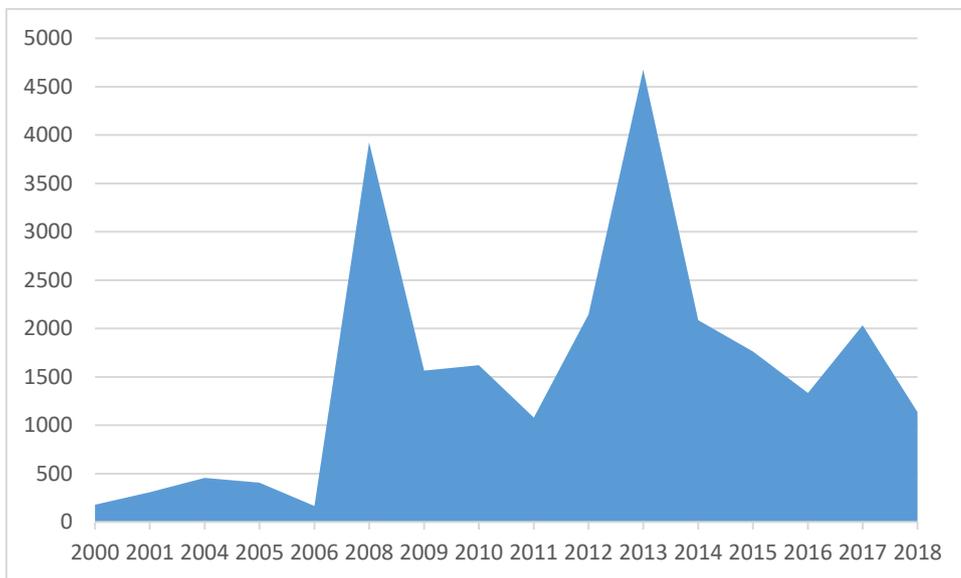
a. Distribution by year

| Year: | Count | % |
|-------|-------|-------|
| 2000 | 1 | 1.04 |
| 2001 | 2 | 2.08 |
| 2002 | | 0.00 |
| 2003 | | 0.00 |
| 2004 | 2 | 2.08 |
| 2005 | 2 | 2.08 |
| 2006 | 1 | 1.04 |
| 2007 | | 0.00 |
| 2008 | 11 | 11.46 |
| 2009 | 8 | 8.33 |
| 2010 | 6 | 6.25 |
| 2011 | 6 | 6.25 |
| 2012 | 8 | 8.33 |
| 2013 | 13 | 13.54 |
| 2014 | 8 | 8.33 |
| 2015 | 8 | 8.33 |
| 2016 | 6 | 6.25 |
| 2017 | 8 | 8.33 |
| 2018 | 6 | 6.25 |
| 2019 | | 0.00 |

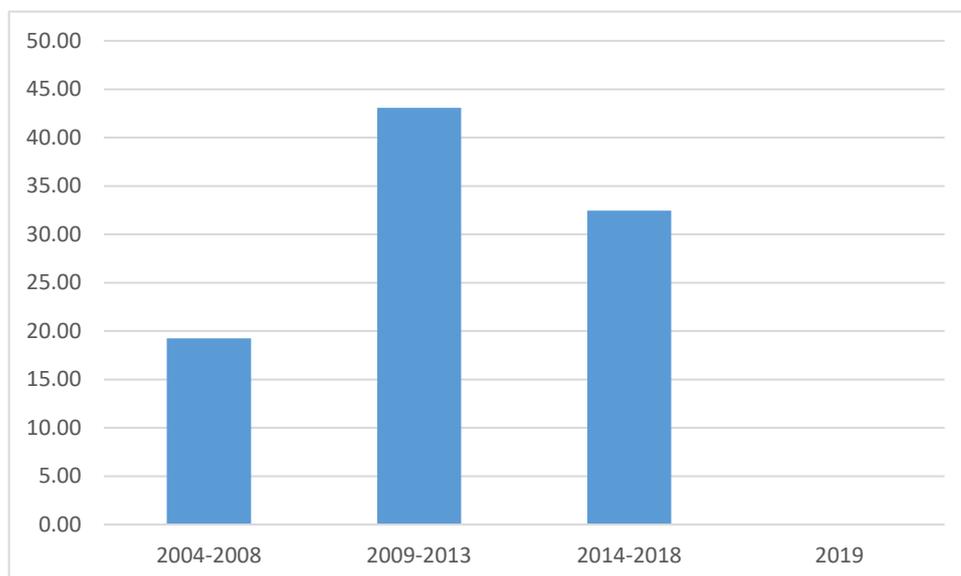
| | |
|-------------------------|-----------------|
| This year: | 0 |
| 1-5 years ago: | 36 (38%) |
| 6-10 years ago: | 41 (43%) |
| 11-15 years ago: | 16 (17%) |
| 16-20 years ago: | 3 (3%) |

Currency doesn't appear to be an issue, yet there's this definite cut-off at the start of the 21st Century.

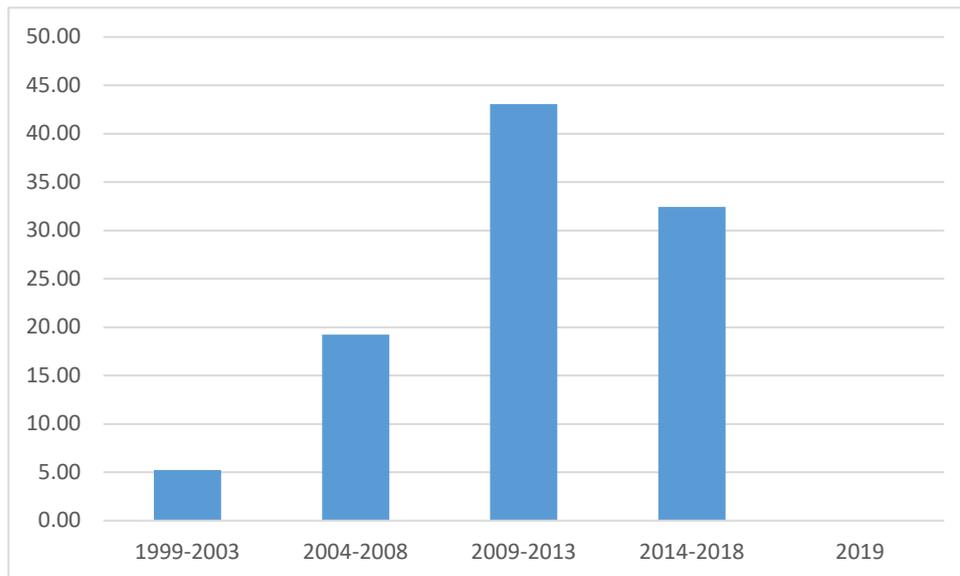
b. Total Downloads per publication year



c. % of Total Downloads per 5-years of publication year



d. % of Total Downloads per 5-years of publication year



e. Distribution by month

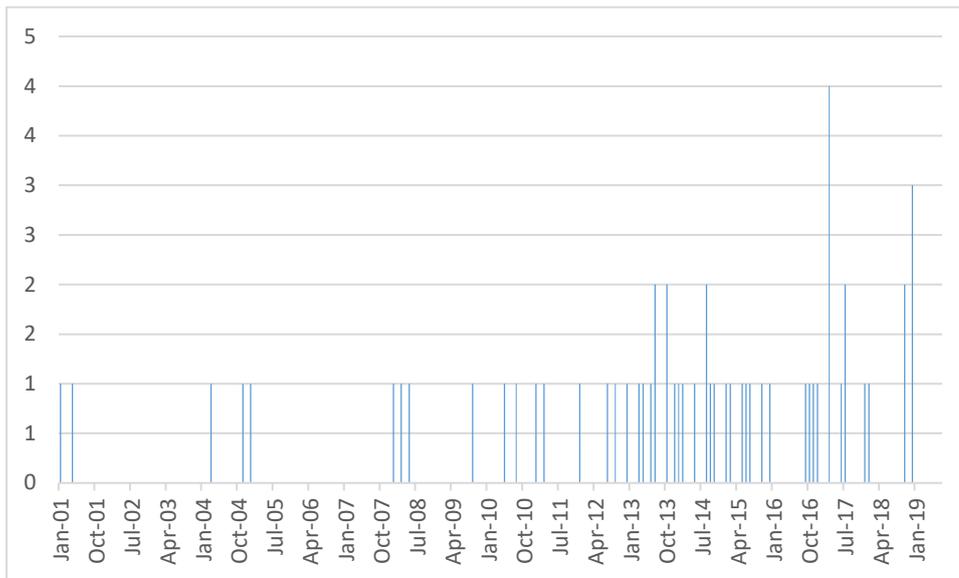
The subset of titles that offer at least a month of publication is 57/96 (59%)

It's not a wholly representative sample:

| Item Type: | Overall % | Date-by-month subset % |
|-------------------------------------|-----------|------------------------|
| Article | 85.42 | 89.47 |
| Book | 6.25 | 3.5 |
| Conference or Workshop Item - Other | 3.13 | |
| Other | 1.04 | |
| Unknown | 4.17 | 5.26 |

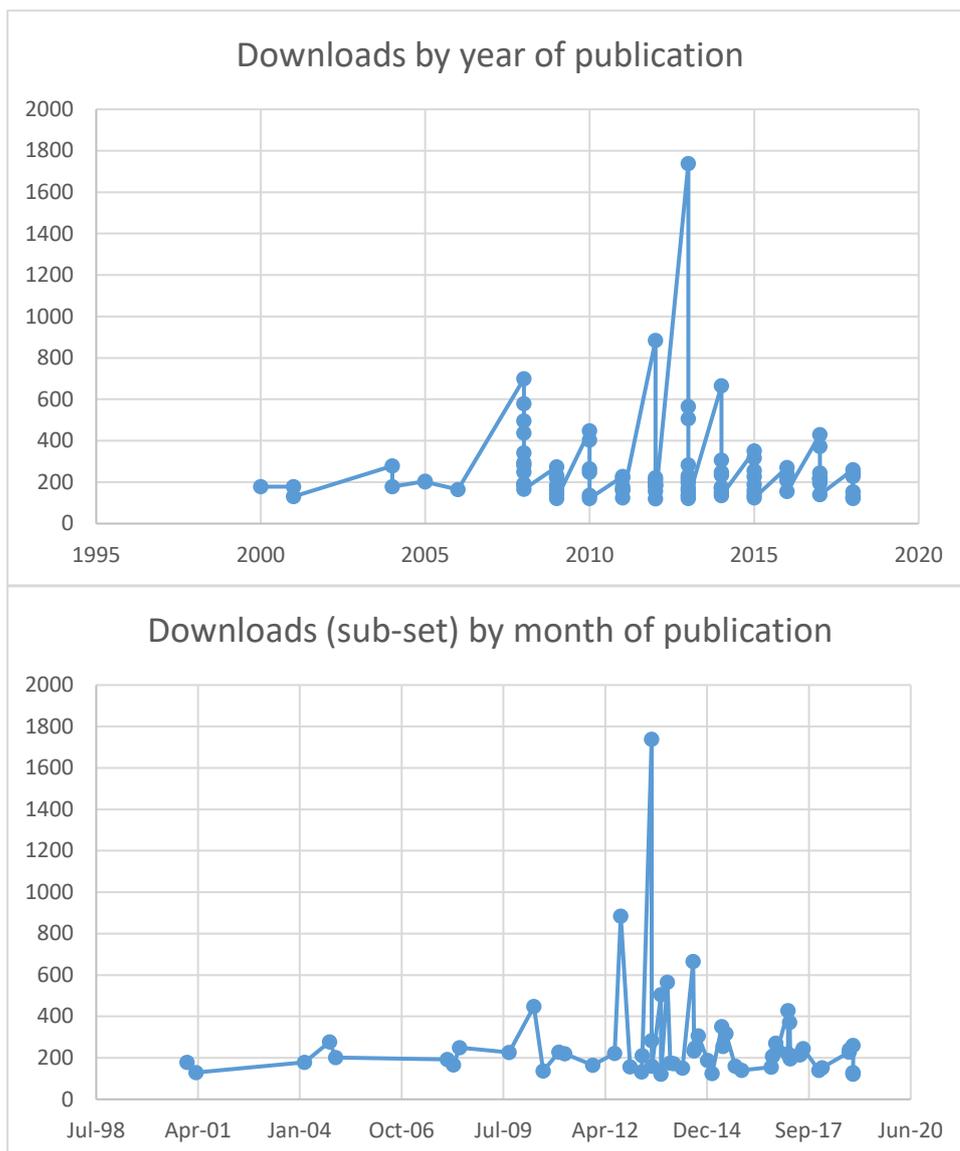
| Age since publication: | Overall % | Date-by-month subset % |
|------------------------|-----------|------------------------|
| This year: | 0 | 0 |
| 1-5 years ago: | 36 | 32 |
| 6-10 years ago: | 41 | 17 |
| 11-15 years ago: | 16 | 6 |
| 16-20 years ago: | 3 | 2 |

Distribution of 'monthly' subset by date of publication:



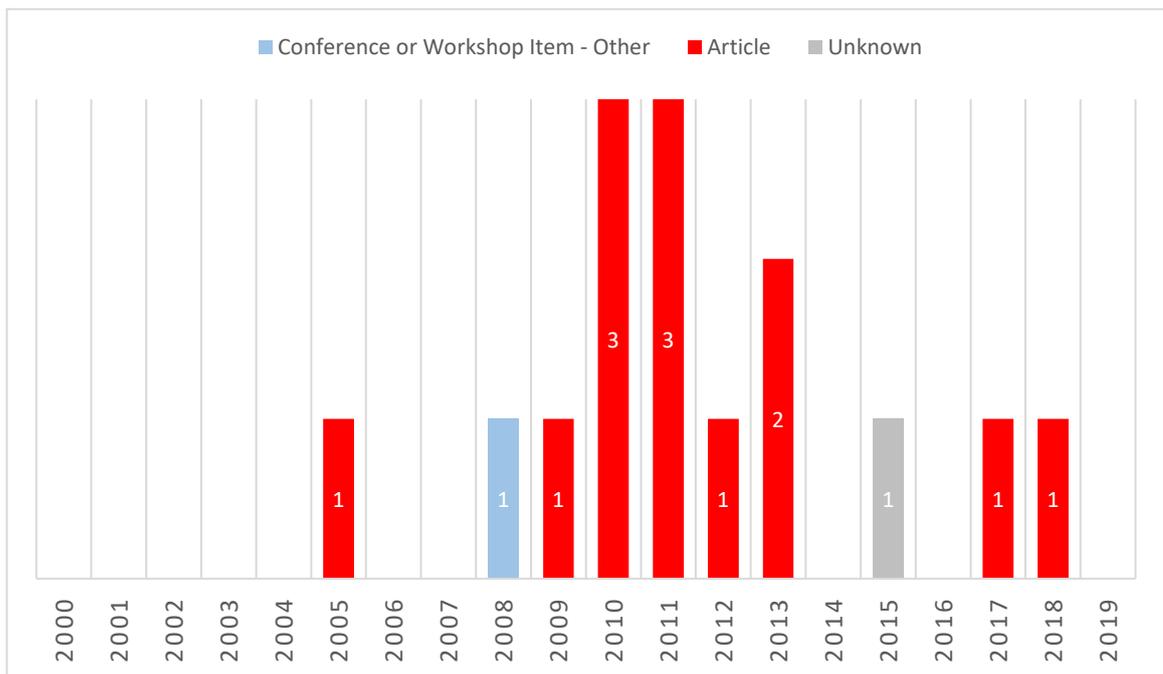
The average subset publication date: October 2013

f. Publication Dates vs. Downloads

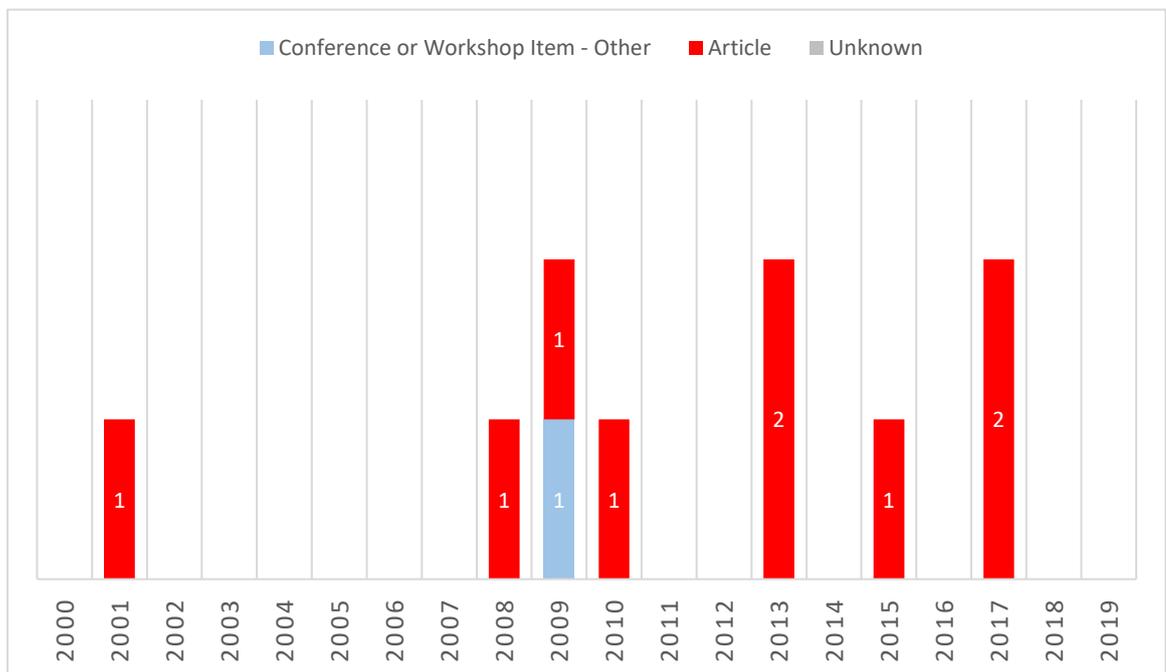


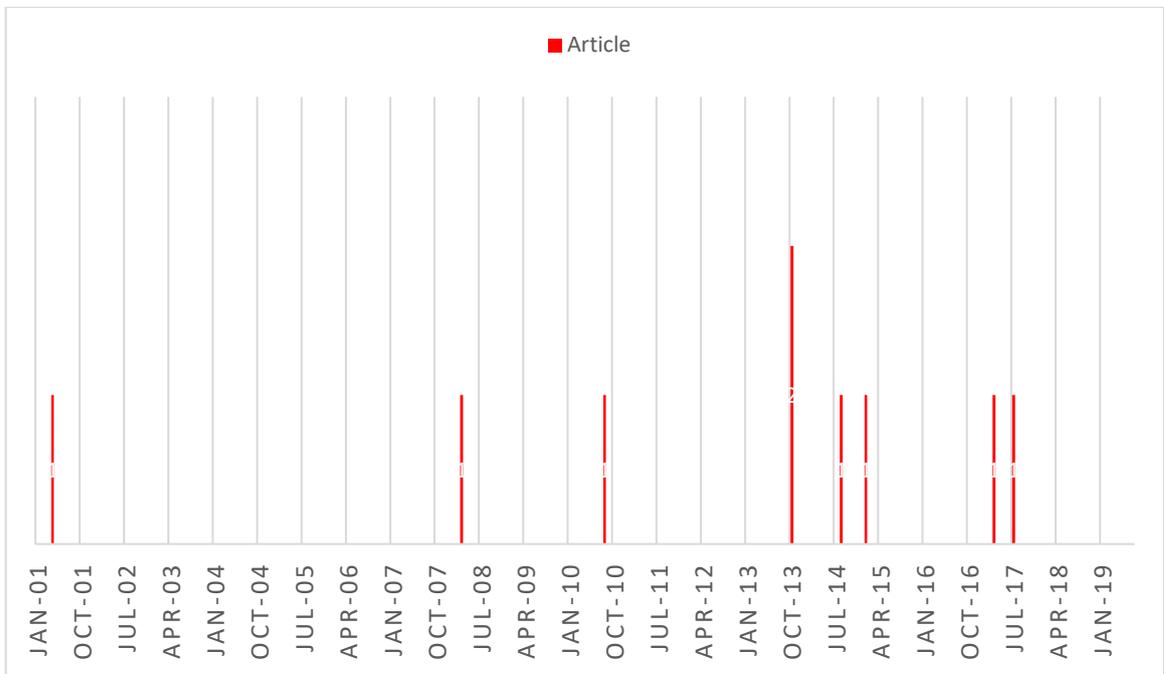
Only a few schools have sufficient entries to be able to look at individually:

g. School of Law

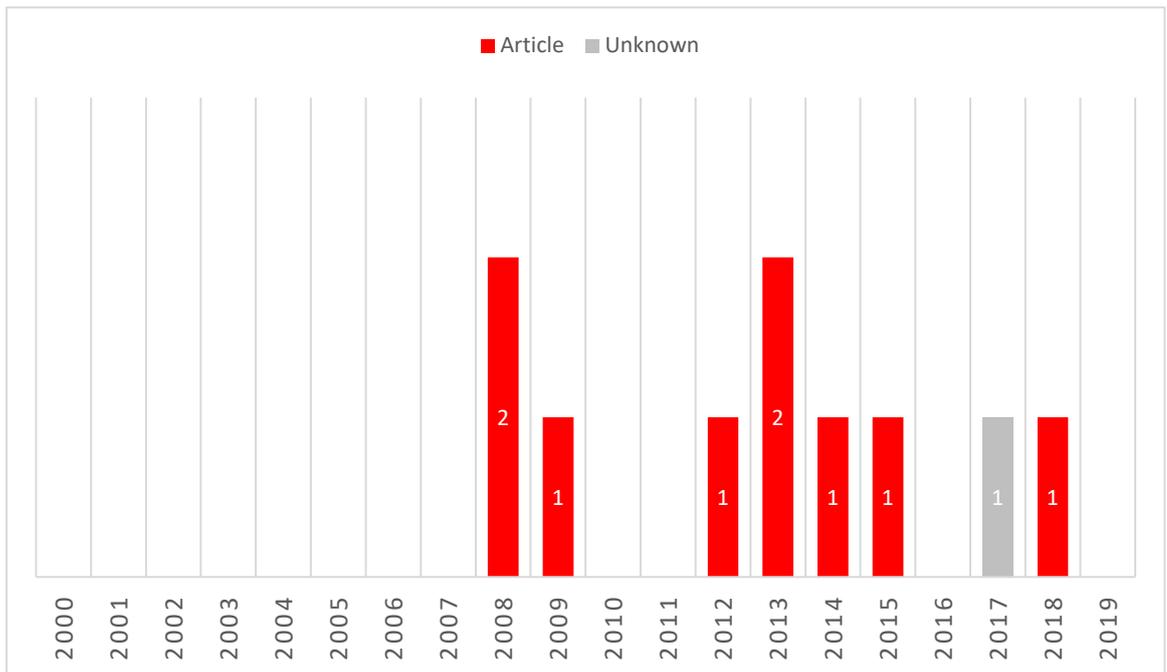


h. School of Philosophy, Psychology and Language Sciences





i. School of Social and Political Science

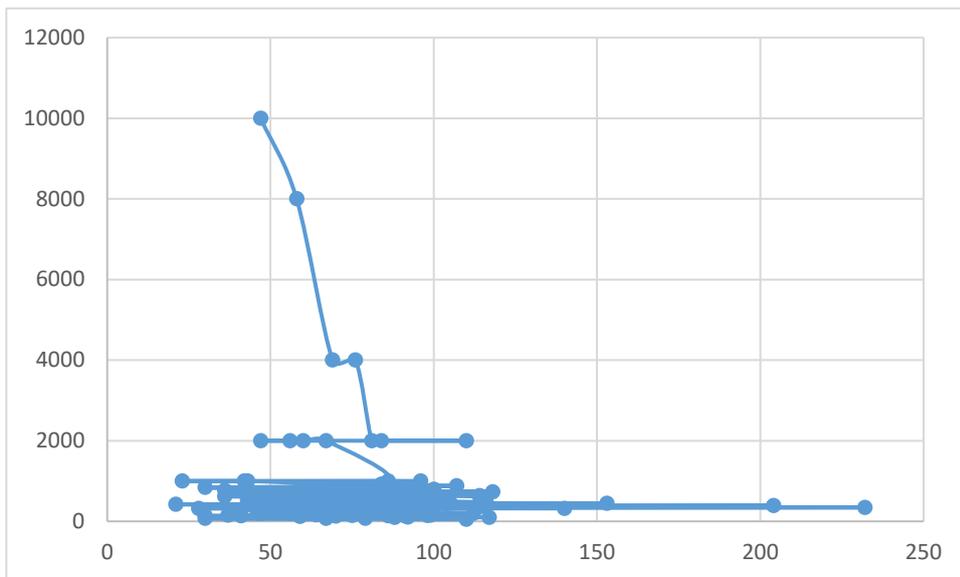


j. Comparison of selected schools

| | Overall % | Law | PPLS | SPS |
|------------------|-----------|-----|------|-----|
| This Year: | 0 | 0 | 0 | 0 |
| 1-5 years ago: | 38 | 20 | 40 | 40 |
| 6-10 years ago: | 43 | 67 | 40 | 40 |
| 11-15 years ago: | 17 | 13 | 10 | 20 |
| 16-20 years ago: | 3 | 0 | 10 | 0 |

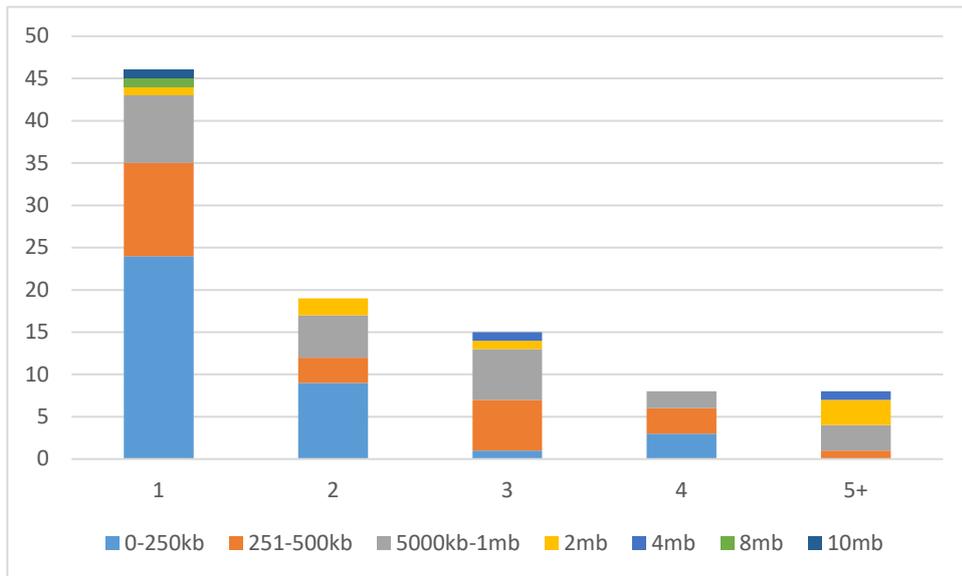
8. File Size

a. File Size (x) vs. No. of characters [inc. spaces] (y)

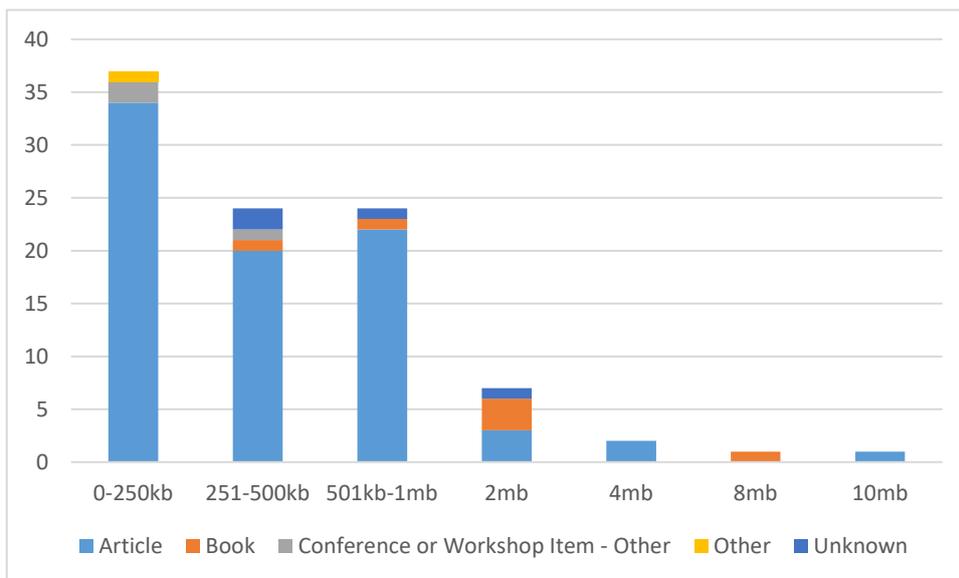


The vast majority of the Top 100 have title lengths in the range 21-118 characters; and file sizes up to 1mb.

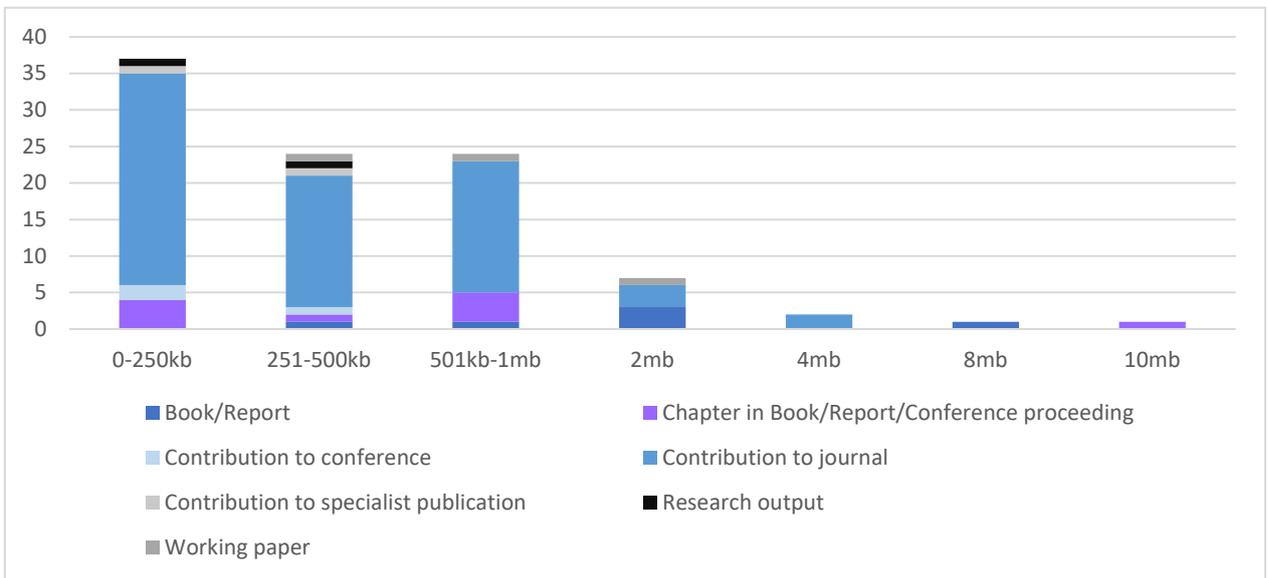
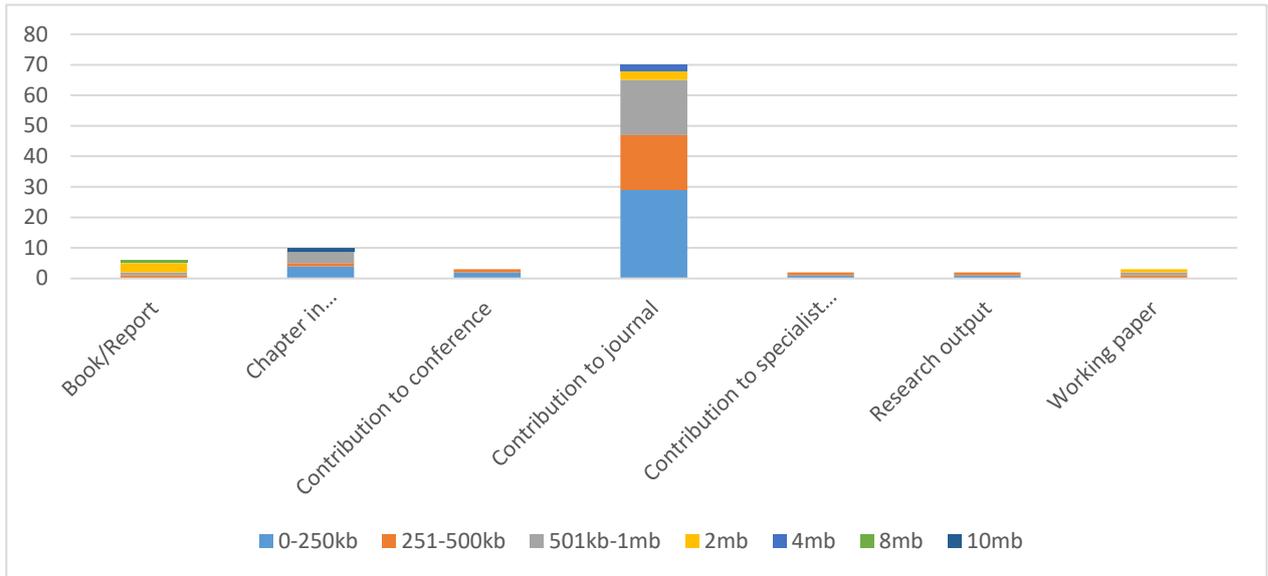
b. No. of names / File Size



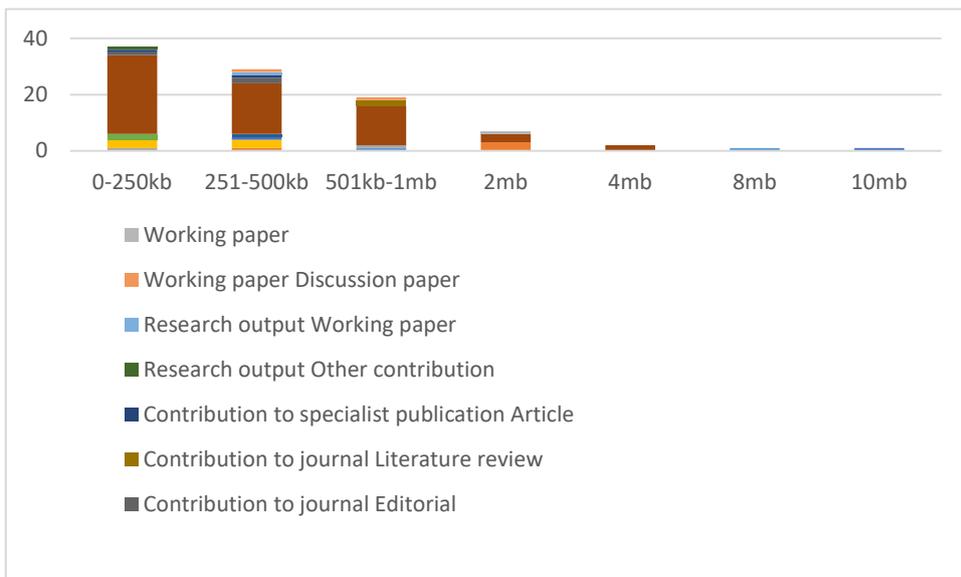
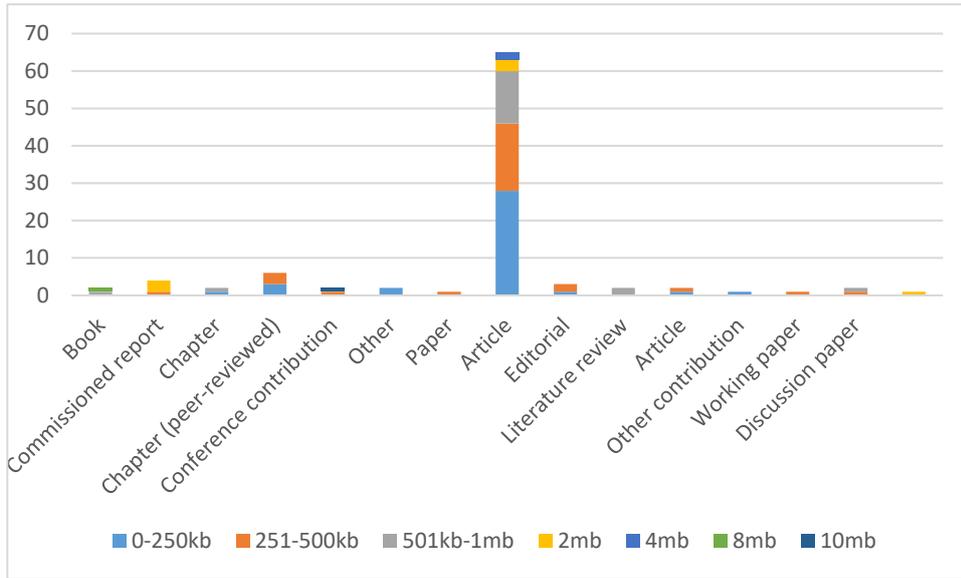
c. Item Type (IRUS categories) / File Size



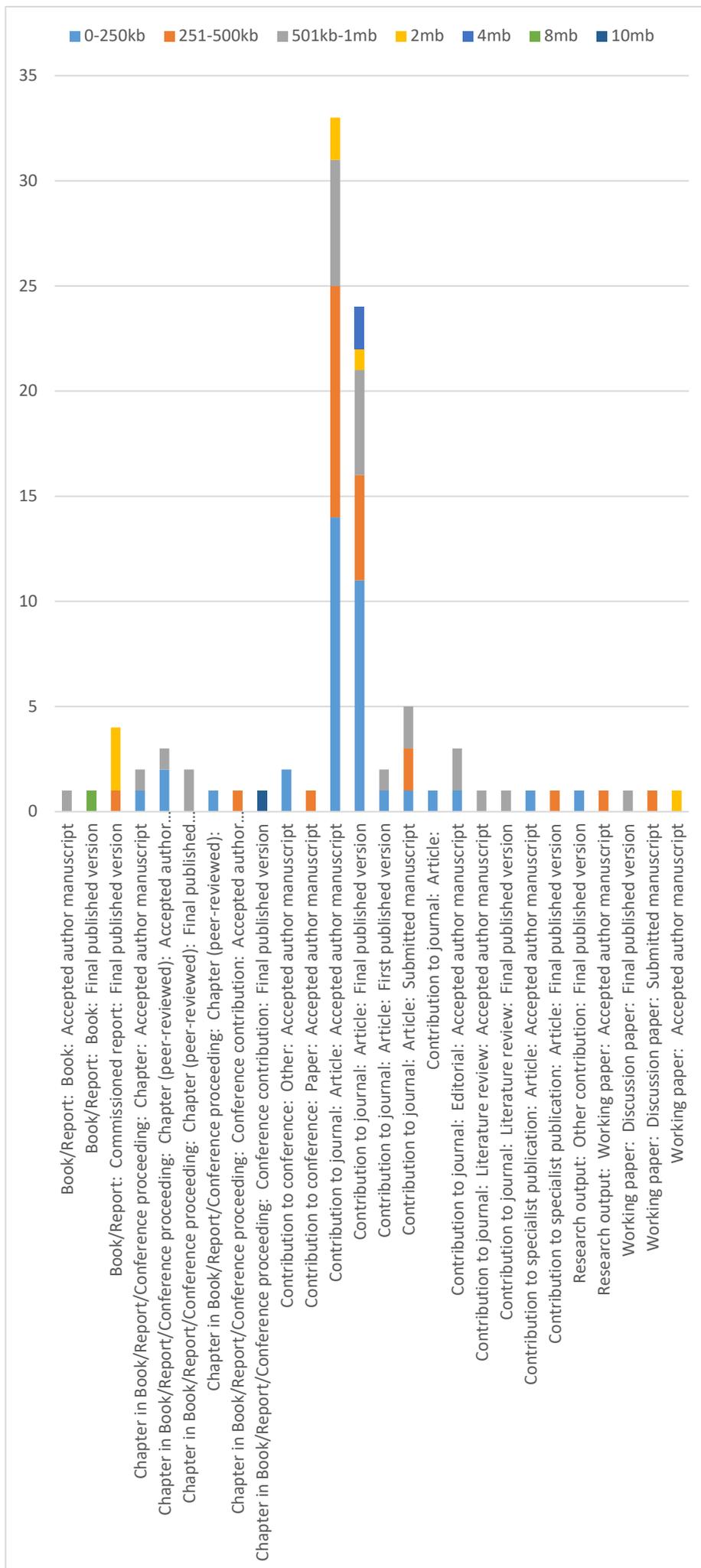
d. Item Type (Edinburgh Research Explorer Research Outputs) / File Size



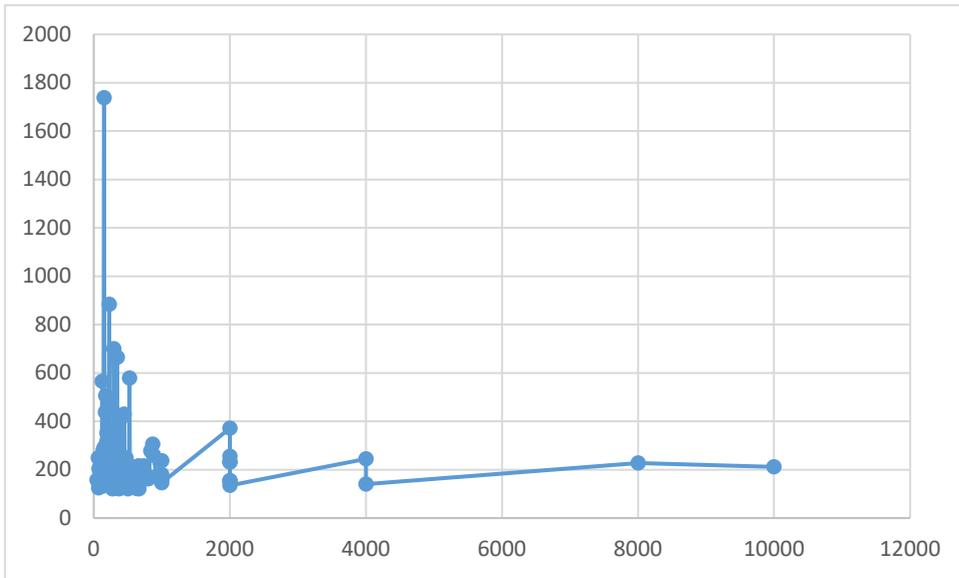
e. Item Type (Edinburgh Research Explorer Research Outputs > Specific) / File Size



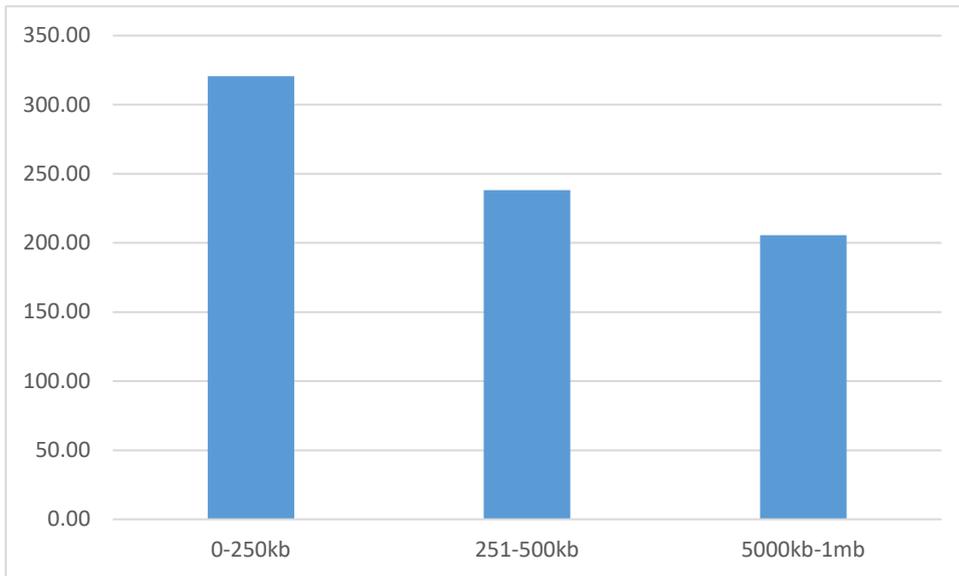
f. Item Type (Edinburgh Research Explorer Research Outputs > Specific > Document) / File Size



g. Downloads (x) vs. File Size (y)



h. Avg. Downloads / File Size



48/96 (50%) between 100-400mb. Avg. 312.48kb

| Kb. | No. | Avg. dls |
|-------------|-----|----------|
| 0-100 kb | 6 | 185.67 |
| 101-200 kb | 23 | 347.04 |
| 201-300 kb | 13 | 323.46 |
| 301-400 kb | 12 | 234.33 |
| 401-500 kb | 11 | 239.09 |
| 501-750 kb | 8 | 170.00 |
| 751-1000 kb | 12 | 201.00 |
| 1000+ kb | 11 | 214.27 |

9. Open-Access

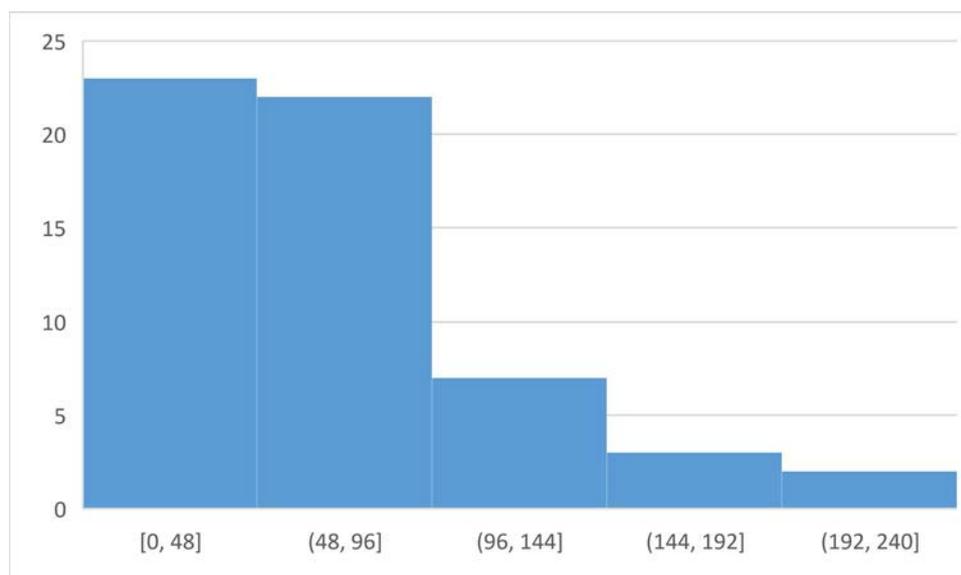
84/96 items, were marked as open-access (87.5%)

10. Time between publication and peak downloads

a. Items with publication date in months

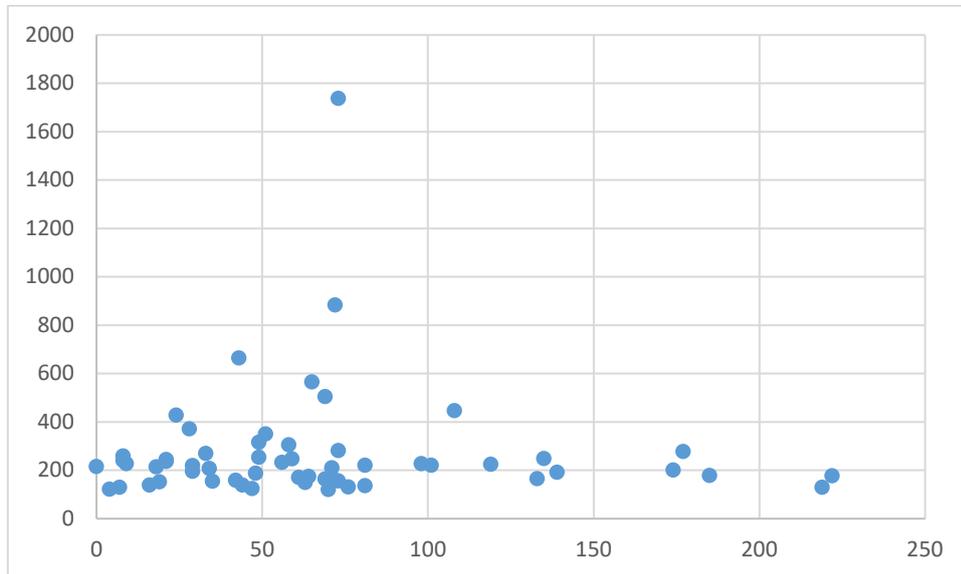
Only 57 of the 96 items displayed the publication date in months

i. Frequency (x) / Time span in months (y)



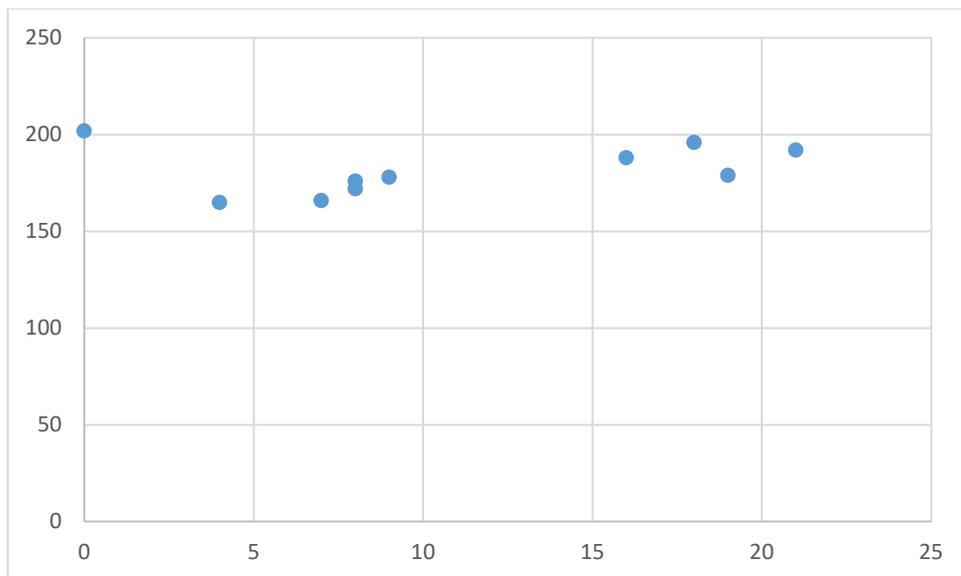
The vast majority (79%) of the popular items will have a span of less than 8 years between publication and attaining their peak level of interest (downloads), with a slight majority of them (40%) being less than 4 years old.

ii. Downloads (x) / Time span in months (y)



That said, this graph indicates a more specific pattern, with the higher download figures occurring within a window of from 2 to 9 years.

**iii. Items added since the launch of Edinburgh Research Explorer:
Downloads (x) / Span from publication to peak popularity (y)**

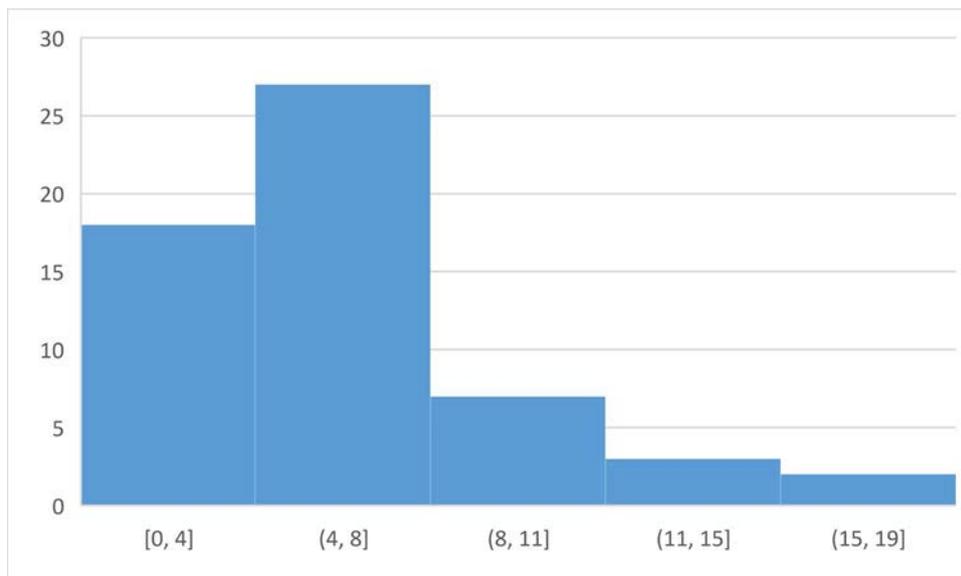


Research Explorer was only launched in May 2017, 28 months before August 2020. The popular items published since that time are all hovering around the 160-200 mark, in line with the initial peaks shown in fig. 10 (ii), none have had yet long enough to attain the higher levels of popularity.

b. Items with publication date by year

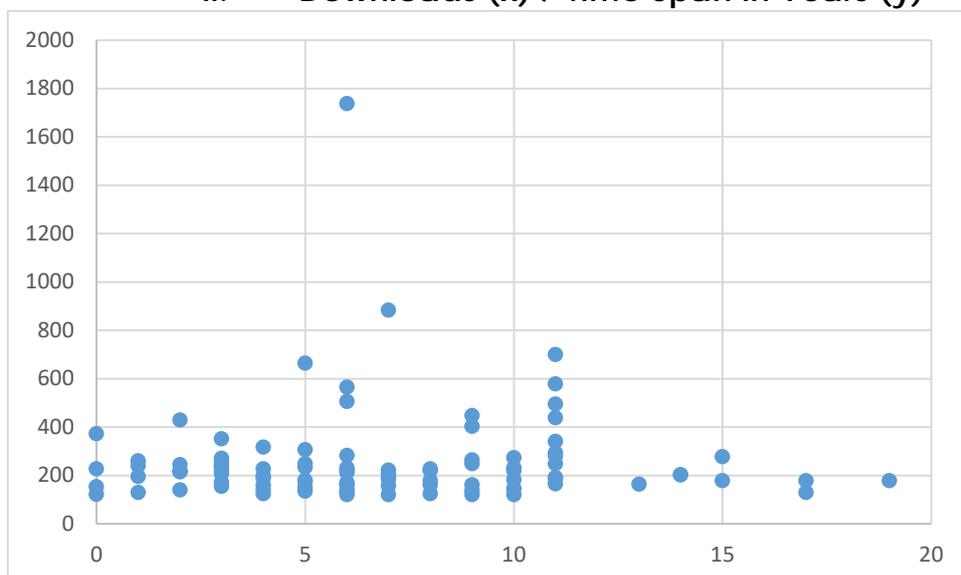
All 96 items displayed a year of publication.

i. Frequency (x) / Time span in months (y)



The majority of the Top 100 items reach a peak within 6 years of publication, But a more significant proportion between 3-6 years. The average year of publication is 2012, compared to 2013 for the month/year sub-set.

ii. Downloads (x) / Time Span in Years (y)



This shows very much the same pattern, with an early peak at 2 years after publication, which falls off thereafter, with the main peak between five and eleven years.
