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Comparison of USA and UK rankings of LIS journals

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Comparison of USA and UK rankings of library and information science journals

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Abstract

Purpose - To investigate UK academics' views of the importance and prestige of journals relevant to library and information science (LIS) teaching and research.

Design/methodology/approach - A questionnaire, based on one used previously in the USA, was sent to UK academics involved in LIS teaching and research. The questionnaire asked respondents to rate the importance of 87 LIS journals, to suggest others that were of importance to them but that were not amongst the 87, and to identify the five most prestigious journals for promotion purposes. In addition, those journals were identified that had figured in institutional submissions to the LIS Unit of Assessment in theResearch Excellence Framework (REF).

Findings – While there was a fair measure of overall agreement between USA and UK rankings of the 87 journals, with both highlighting the standing of the *Journal of the Association for Information Science and Technology* and of the *Journal of Documentation*, some substantial differences were also noted. Evidence is presented for a strong locational component to academics' assessments of journal prestige, and analysis of the REF2014 submissions demonstrates the highly inter-disciplinary nature of LIS research in the UK.

Originality/value – This is the first study to report UK academics' rankings of LIS journals, and to compare those with comparable data for USA academics.

Keywords – Inter-disciplinarity, Journal prestige, Journal ranking, Library and information science research, Library and information science teaching, Research Excellence Framework, Scientometrics Paper type - Research paper

Introduction

There is much interest in evaluating and ranking the quality of academic journals, since their importance can influence authors' choices of where to publish their research, this in turn affecting decisions relating to salary and promotion (Adams and Johnson, 2008; Chen and Chen, 2011; Nixon, 2014; Tourish and Willmott, 2015). In an ideal world, of course, the ideas and findings within a research article should achieve recognition on their own merits, irrespective of the quality of the journal where they are published; in the real world, however, more credit is associated with publishing in some journals than in others, this despite a continuing debate in the literature as to the utility and appropriateness of journal rankings (Brembs *et al.*, 2013; Macdonald & Kam, 2007; Marsh & Hunt, 2006; Osterloh & Frey, 2014; Sangster, 2015; Willmott, 2011). Journal rankings also support collection management decisions, enable editors or publishers to monitor the success of their journals, and allow outsiders to acquaint themselves with a field's most important journals (Manzari, 2013; Nisonger & Davis, 2005; Rousseau, 2002).

The ranking of journals has been discussed in many different disciplines, such as accountancy, computer science, marketing, tourism and, of particular importance here, library and information science (LIS). To date, the great majority of ranking studies for LIS journals have been conducted in the USA, and it was this that led us to carry out the study reported here, which investigates the perceptions of LIS journal prestige as determined by a questionnaire survey of UK LIS staff in which they were asked to rank 87 LIS journals that had been used in a previous, analogous study conducted in the USA by Manzari (2013). It also investigates the extent to which those perceptions correlate with the publication behaviours of British LIS academics in practice, using LIS journal articles submitted to the Research Excellence Framework (REF2014, 2014), a nation-wide evaluation of the quality of research in UK universities.

Literature review

There is an extensive literature discussing the evaluation of academic journals, and many different techniques have been described for conducting such evaluations, as exemplified by Beets *et al.* (2016), Blazek and Parrish (1992), Darmoni *et al.* (2002), Hood and Wilson (2001), Lowry *et al.* (2007), Nisonger (1999), Rousseau (2002) and Saarela *et al.* (2016). However, by far the most common are objective evaluations based on citation data and subjective evaluations based on expert judgements (Nisonger and Davis, 2005; Nixon, 2014).

Citation-based studies seek to quantify the importance of a journal by means of measures derived from citations to the articles in that journal. Examples of such measures include the Journal Impact Factor (JIF) (Garfield, 2006), the Eigenfactor (Bergstrom *et al.*, 2008), and the h-index (Hirsch, 2005) and its many derivatives. More recently, altmetrics, based on references in blogs, social media, website downloads etc. have been suggested as an alternative source of information

about the importance of journals (Priem *et al.*, 2010). An early example of a citation-based study in the LIS domain is that of Kim (1991), who undertook a citation analysis to compare objective measures with a previous subjective ranking, identifying a degree of correlation between the two approaches and highlighting a core of top journals using both methods. In the same year, Budd (1991) analysed 328 articles related to academic libraries to identify the most frequently cited journals, while Esteibar and Lancaster (1992) ranked journals according to how often they were cited in course reading lists. Via and Schmidle (2007) measured how often journals were cited in the bibliographies of a group of top LIS journals, and Blessinger and Frasier (2007) used *Journal Citation Reports* data to determine the most prestigious 28 LIS journals between 1994 and 2004. More recently, Jacsó (2010) demonstrated that different citation measures yielded significantly different rankings of a set of 52 LIS journals, and Hua (2011) used not only Web of Science citation counts but also coverage in the *Library and Information Science Abstracts* database, web links, web impact factors, and Page Rank scores to rank LIS open access journals.

While citation-based approaches to journal ranking have been widely used they can be criticised on much the same grounds as any application of citation data (MacRoberts and MacRoberts, 1989; MacRoberts and MacRoberts, 1996). Examples of such limitations include: citation data tend to be skewed, with just a few items contributing a large fraction of the citations; a bias towards English language publications; differences in the numbers of readers (and hence citations) of specialist, niche journals as against more broadly focused ones; rationales for citation that are not related to the quality of the cited articles; and the possible effects of preferential journal self-citation *inter alia*.

Subjective - otherwise known as expert opinion or perception - studies are based on the personal judgements of experts in the discipline under study (Böll, 2007; Nisonger, 1999). Participants are typically provided with journal lists and then asked either to rank them or to score them using a Likert scale, with the final ranking being obtained by applying some sort of averaging procedure to the individual responses; alternatively, the participants can be asked to name their top five or ten journals. Subjective studies are, however, also open to criticism (Holsapple, 2008; McGrath, 1987; Peters *et al.* 2014; Serenko and Dohan, 2011) for three reasons: participants are likely to rate more highly the journals with which they are familiar or self-identify (and rate lower those where the converse applies); it can take a long time for individuals to change their opinions about journals even if the nature of a journal has changed quite rapidly, which means rankings can be outdated; and, most obviously, such rankings represent the mere expressions of opinion of a group of people whose expertise may not be universally accepted.

Despite these limitations, the subjective approach has found broad usage in the LIS community, with the five principal studies of this sort adopting approaches based on a pioneering study by Kohl and Davis (1985). These authors surveyed the opinions of two participant groups (deans of LIS departments and academic library directors) regarding a set list of journals, and asked them to list the five most prestigious journals for promotion and tenure. The analysis revealed a

perceived hierarchy of prestige, with the two groups agreeing for two-thirds of the journals. Blake (1996) and Nisonger and Davis (2005) replicated and compared their findings with the Kohl and Davis study, with both finding less inter-group agreement than identified in the earlier study. However, all three reports demonstrated that, although the groups' rankings varied, there was agreement on the most highly ranked LIS journals. Tjoumas and Blake (1992) reproduced the Kohl-Davis study with LIS academics working in public and in school librarianship. These two groups did not hold similar perceptions, which suggested the need for separate hierarchies based on specialisation. A similar issue was seen in the work of Manzari (2013), who investigated the perceptions of all faculty members in LIS schools accredited by the American Library Association (ALA): a high-prestige group of journals was identified, but participants in the survey emphasised the multidisciplinary nature of LIS. It has been suggested in other fields that area-specific journal rankings are more informative than overall rankings (Herron and Hall, 2005; Menachemi *et al.* 2015) and this may well also be the case in LIS, given the field's increasing multidisciplinary character (Hessey and Willett, 2013; Lariviere *et al.*, 2012; Nisonger and Davis, 2005; Tsay, 2008).

All of the subjective evaluations of LIS journals that have been discussed above have been carried out in the USA, but comparable studies in other disciplines have shown that perceptions of journal prestige can vary in different parts of the world (Albrecht *et al.*, 2010; Lowe and Locke, 2005; Lowry *et al.*, 2007; McLean *et al.*, 2009; Mylonopoulos and Theoharakis, 2001; Willcocks *et al.*, 2008). There have been studies of LIS journal ranking in Australia (Smith and Middleton, 2009), China (Zhang *et al.*, 2012), Germany, Austria and Switzerland (Schloegl and Stock, 2004) and Nigeria (Nkereuwern, 1997) but we are not aware of any such study having been carried out to ascertain the perceptions of LIS journal prestige among UK LIS academics.

Methods

The starting point for the work reported here was a study by Manzari (2013), who conducted a survey of all full-time faculty members teaching on ALA-accredited master's programmes at institutions in the United States, Canada, and Puerto Rico. The respondents provided rankings on a scale of 1 (low) to 5 (high) based on the importance of each of 87 journals to their research and teaching, with a "not familiar" response available if they had insufficient knowledge of a particular journal. The selected journals were based on those used in the earlier studies by Kohl and Davis (1985) and by Nisonger and Davis (2005), additional ones suggested by participants in the latter study, and the twenty journals with the highest JIF in the Information Science and Library Science category of the 2009 *Journal Citation Reports* database. The participants were also asked to list the five most prestigious LIS journals for promotion and tenure purposes at their institution.

The equivalent target population in the UK is academics teaching on Chartered Institute of Library and Information Professionals (CILIP)-accredited master's programmes. The decision was,

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however, made to include all CILIP-accredited degrees because it would be difficult to distinguish which individuals taught only on master's degrees. Details of CILIP-accredited programmes were retrieved from CILIP's website (at http://cilip.org.uk/cilip/cilip-accredited-qualifications). The sampling frame was extended to include one institution that no longer offered a CILIP-accredited degree but that had an important, and continuing, LIS teaching and research function.

The CILIP website was useful for identifying relevant degree programmes and institutions, but identifying the academics teaching on those programmes was less straightforward since the information on departmental websites varied substantially. While most provided lists of all staff within the department, some provided complete lists of the academics teaching on each specific degree programme, while others provided no staff information at all. Where staff lists were available they were used to provide contact data (specifically the email address); where this was not the case, the relevant programme co-ordinator or head of department was contacted to obtain the names of all appropriate individuals. Where no response was received from the latter approach, all academic staff listed within the department offering the degree were included (thus allowing each individual to decide whether or not the survey was applicable to them). In all, the final population comprised 187 academics at 16 institutions offering 39 CILIP-accredited LIS degrees as at October 2015. It should be noted that this total is only approximate since it excludes staff teaching on an LIS programme but from a different department within an institution, and includes staff within a department who were not involved in teaching on an LIS programme).

The questionnaire was in three parts, and was based on that devised by Manzari. The first asked participants to rate a list of journals on an ordinal scale from 1 (low) to 5 (high) based on each journal's importance to their research and teaching; a code was also available for use where the academic was not familiar with a particular journal. The list of journals was that used by Manzari after excluding the Annual Review of Information Science and Technology (ARIST, which had ceased publication since the Manzari study) and after updating the names of the following nine journals where these had changed: Aslib Proceedings to Aslib Journal of Information Management; Journal of the American Society for Information Science and Technology to Journal of the Association for Information Science and Technology; Journal of the Society of Archivists to Archives and Records; Libraries and the Cultural Record to Information and Culture; Library History to Library and Information History; Literary and Linguistic Computing to Digital Scholarship in the Humanities; Microform and Imaging Review to Preservation, Digital Technology and Culture; Online to Online Searcher; and School Library Media Research to School Library Research. The second allowed respondents, if they so wished, to add and rate journal titles not on the list, again using the five-point scale. Finally, the participants were asked to list, in any order, the five most prestigious journals to be published in for promotion purposes at their institution. After piloting, the questionnaire was distributed via SurveyMonkey, a browser-based Web survey tool, with two follow-up reminders being sent to increase the response rate.

This questionnaire-based approach is typical of subjective approaches to journal evaluation; in addition, a complementary, and rather different subjective approach was adopted based on submissions to the Research Excellence Framework or REF (REF2014, 2014). The REF (formerly known as the Research Assessment Exercise or RAE (Bence and Oppenheim, 2005; Willett, 2012)) is a regular, sector-wide evaluation of the guality of research in UK higher education institutions (HEIs). As part of this assessment, HEIs submit details of individual academics' research outputs, including journal publications, with REF requiring four such outputs published by each academic in the period 1st January 2008 to 31st December 2013. The REF is a system for evaluating research quality, with governmental funding for research being determined in part by the results of the evaluation: substantial effort is hence put by HEIs into ensuring that their academics select only the very best research published during the appropriate period. While it is unreasonable to assume that it is only the best journals that publish the best research, it is not unreasonable to assume that academics will choose to publish their best work in those journals in the appropriate subject area that they consider to be the most prestigious, and the REF submissions hence provide an alternative way of judging the relative merits of LIS journals. The approach is again subjective in character, but obtains judgements of quality indirectly rather than directly as with the questionnaire-based approach.

Publicly available data regarding the chosen outputs were collected from the REF 2014 website (at http://results.ref.ac.uk/). For the purposes of this study, submission data of type "D – Journal article" in the "Outputs (REF2)" section of the "36 – Communication, Cultural and Media Studies, Library and Information Management" unit of assessment (or UoA) were used. As its title suggests, the outputs submitted to UoA 36 were not restricted to LIS-related topics, and decisions needed to be made as to which outputs should be included in our analysis, these being based on the journal title, our knowledge of the institutions involved, and the title of the output. This clearly introduces a degree of bias into the process; and a further limitation is that some LIS outputs were undoubtedly submitted to other UoAs (most obviously the UoA "11 – Computer Science and Informatics") and were hence not considered here. Nonetheless, the procedure does provide a way of identifying journals that authors believe to be an appropriate publication mechanism for high-quality LIS research. In all, 16 HEIs were identified as having submitted relevant LIS journal articles as part of the REF 2014, with nine of these offering CILIP-accredited degrees and thus having contributed to the journal-ranking questionnaire described previously.

Results and discussion

After the elimination of incomplete responses, a total of 30 fully-complete questionnaire responses was obtained for analysis, this corresponding to a response rate of just over 16% with responses received from academics at 13 of the 16 institutions that were contacted. This response rate was lower than that in Manzari's study (27%) and significantly lower than the 53% obtained in the Nisonger and

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Davis study upon which Manzari's was based. It was, however, similar to the rates obtained in analogous journal-perceptions studies, e.g., 15% in Schloegl and Stock (2004), 17% in Herron and Hall (2005), 18% in Theoharakis and Skordia (2003), and 16% in Lowe and Locke (2005). Although limited in number, the responses represented a wide range of LIS academics from across the UK, and the responses that were received were comprehensive in character in that ratings were received for each of the 87 journals on the journal list, and each was rated (i.e., given a 1-to-5 score, rather than "not familiar") by at least 11 respondents (with the *Journal of Documentation*, the *Journal of Librarianship and Information Science* and the *Journal of the Association for Information Science and Technology* (hereafter *JASIST*) all being rated by more than 25 of the respondents).

Table 1 about here

Table 1 presents the principal results from the survey, *viz* the average rating for each one of the 87 journals. Given the ordinal nature of the data collected (i.e., a 1-5 score) the median is arguably the most appropriate way of averaging the ratings from the individual respondents. However, Table 1 lists (and is ordered on the basis of) the arithmetic mean (to two decimal places) of the ratings in each case so as to allow comparison with the Manzari mean values that are listed in the final column of the table (she does not provide median scores). A comparison of the mean and median ratings obtained here using the Spearman rank correlation coefficient gives a value of 0.91, confirming the closeness of the two ways of ranking the data.

Table 1 also contains the number of responses for each journal and the standard deviations associated with each mean value obtained here, the latter demonstrating some degree of variation in the ratings that were provided. This variation is least in evidence towards the bottom portion of the ranking, suggesting that there is a fair degree of unanimity in respondents' perceptions of lower prestige journals. These variations would appear on the surface to be more marked than in the Manzari study, which used a consistency criterion, rather than standard deviations, to assess the spread of ratings for a journal. Assume that a journal is rated *X* times and that *Y* of these ratings are adjacent to each other: then the consistency is defined to be 100*Y/X. For example, the journal *Library Resources and Technical Services* was rated 13 times with all of the scores being either a 1 or a 2, thus achieving a consistency of 100%. Manzari suggested that a value of 50% was required for the results for a particular journal to be regarded as consistent, and found that this criterion was satisfied for 87% of the journals in her study; here, consensus using this criterion was achieved for 84 of the 87 journals (96.6%) with only *Library Trends* (at 47.8%), *Journal of Academic Librarianship* and *Library and Information Science Research* (both 47.6%) falling marginally below the threshold.

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As noted in the introduction, this study seeks to compare the results for US and UK faculty. There are clear similarities as demonstrated by Figure 1, which is a scatter plot demonstrating the correlation between the US rankings from Table 1 in Manzari's article and the comparable UK rankings from Table 1 here, with the Spearman rank correlation coefficient for this plot being 0.61. That said there are also clear differences. The five top-ranked journals in each case are shown in Table 2, where the figure in brackets is the rank position of a journal in the other ranking, e.g., JASIST is ranked first in the USA rankings but third in the UK rankings. Of the eight distinct journals in Table 2, there is a substantial difference between the UK and USA rankings only for the Journal of Librarianship and Information Science. This is understandable when one looks at the source of the articles published in the journal, with almost ten times as many UK authors as USA authors, and at the editorial board, with only two of the 31 representatives listed on the journal's website being from the USA. Other substantial differences in rankings are exemplified in Table 3 with the International Journal of Information Management and Program: Electronic Library and Information Systems differing by more than 50 positions in the two sets of rankings. The latter is similar to Journal of Librarianship and Information Science in terms of make-up of the board and the source of the published articles; however, the International Journal of Information Management has a regional editor for North America and, with the sole exception of the UK, by far the largest number of published articles have authors from the USA, so it might have been expected to have been ranked rather higher than it was in the Manzari survey. As a further example, Library Resources & Technical Services and Reference & User Services Quarterly are both published by divisions of the American Library Association (ALA) and the authors come overwhelmingly from the USA, so it is hardly surprising that they were ranked much higher in the Manzari survey than here.

Tables 2 and 3, and Figure 1 about here

When asked to suggest journals not included in Table 1, 20 of the respondents suggested an additional 44 publications that they found useful for their research and teaching. Of these, only the *Journal of Information Literacy* (mentioned five times) and *Library and Information Research* and *Library Review* (both mentioned three times) were mentioned more than twice. The remaining 41 make clear the wide range of disciplines of relevance to the respondents: while some of the singleton mentions have an obvious LIS focus (such as *Information, Communication and Society, International Journal of Medical Informatics*, and *New Review of Children's Literature and Librarianship*) this is by no means always the case (such as *ACM Journal on Computing and Cultural Heritage, Harvard Law Review*, and *Journal of Risk Research*).

It is noteworthy that the 20 respondents to this question suggested so many additional journals, in fact almost exactly one-half the number in Table 1. There are two possible reasons for this. First, the highly multidisciplinary nature of LIS in the UK (as discussed further below in the context of the REF submissions); second, a potential USA bias in the original list of journals. This is evidenced by the fact that a good proportion of the suggested additions, and particularly those suggested more than once, had a UK base or background. Thus, the *Journal of Information Literacy* is the professional journal of the CILIP Information Literacy Group, *Library and Information Research* is published by the Library and Information Research Group of CILIP, *Archives and Records* is the official journal of the Archives and Records Association of the UK and Ireland, and *CILIP Update* is the regular magazine for the CILIP membership. Further, publications based in or focused on other world regions/countries, such as *Archives and Manuscripts* (the journal of the Australian Society of Archivists), *ESARBICA Journal* (the journal of the Eastern and Southern Africa Regional Branch of the International Council on Archives) and *TransInformação* (a publication of the Pontifical Catholic University of Campinas in Brazil) were also proposed, supporting the idea of a potential USA orientation in the original list of journals.

When invited to list the five most prestigious journals to be published in for promotion purposes at their institution, 27 respondents listed 37 distinct titles (no fewer than 14 of which were not included in the 87 listed in Table 1). The top five responses were *Journal of Documentation* (21 responses), *JASIST* (20), *Journal of Information Science* (17), *Journal of Librarianship and Information Science* (12), *Information Research* and *International Journal of Information Management* (both 6), with no other journals being mentioned more than five times. In the Manzari survey, 145 respondents listed 100 distinct titles: of these, 46 were absent from Table 1 and the five most mentioned were *JASIST* (126 responses), *Library Quarterly* (76), *Information Processing and Management* (53), *Library and Information Science Research* (45), and *Journal of Documentation* (44). A comparison of these two sets of responses supports the data in Table 2 in demonstrating the importance attached on both sides of the Atlantic to *JASIST* and to *Journal of Documentation*.

The differences in the rankings and in the titles suggested by the USA and UK respondents is by no means unexpected. In an early study, Nkereuwem (1997) asked university librarians in Nigeria to rank 26 different LIS journals. The top five were judged to be *Information Technology for Development, African Journal of Library Archives & Information Science, Journal of Information Science, IFLA Journal* and *International Library Review*, with only two of these (*Journal of Information Science* and *International Library Review*, now *International Information and Library Review*) occurring in Table 1 and with *JASIST* being ranked as low as nineteenth. These differences are marked, even when allowance is made for the sample comprising academic librarians rather than LIS academics. Similar comments apply to the survey of Australian LIS educators and researchers carried out by Smith and Middleton (2009) as part of the preparations for Australia's Research Quality Framework (a nation-wide, research-quality evaluation process analogous to the UK's REF). Rather than a ranking, the extended selection process resulted in a total of 134 different journals grouped into four increasingly large categories. The elite, A* category contained nine journals (plus *ARIST*, which has now ceased publication) of which all but *School Library Media Research* appear in Table 1. However, no less than ten of the 19 journals in the second, A category were also absent from this table: *Australian Academic & Research Libraries, Australian Library Journal, Cataloging & Classification Quarterly, Information, Communication and Society, Interlending & Document Supply, <i>Journal of Community Informatics, Journal of Digital Information, Library and Information Research, New Review of Information and Library Research*, and *School Libraries Worldwide*. While some of these have an obvious national flavour there are other, well-known publications that (at least from a UK perspective) one might have expected to have been included in Manzari's list.

Table 4 about here

Turning now to the REF2014 data, 105 different journals were identified in the LIS departmental submissions. Table 4 shows those 22 journals that contributed more than two articles to the submissions; in addition, there were 15 journals that contributed twice and no less than 68 (almost two-thirds of the total) singleton contributions. The distribution is hence highly skewed, with *JASIST* and then *Journal of Documentation* being cited at least four times as often as any of the other journals listed here with the sole exception of the *Journal of Librarianship and Information Science*. The top-ranked journals here are similar to those in Table 1, with the notable exception of the *Journal of Information Science*: this is ranked fourth in Table 1 but, for no obvious reason, was one of the 68 singletons in the REF submissions.

Five of the journals in Table 4 had not been mentioned previously by the respondents, either in Table 1 or in response to the request for additional journals that were important for their research and teaching and research. These five were *Digital Scholarship in the Humanities, Knowledge Management Research and Practice*, and *Information Technologies and International Development*, *Knowledge and Process Management*, and the *New Review of Information Networking*. In all, 58 journals (over one-half of the total number of journals in the REF submissions) had not been mentioned previously, and even a cursory inspection of them will reveal the vast range of subjects studied by LIS academics in the UK and submitted to the REF process as exemplifying high-quality research. The subjects covered here are wide-ranging in scope, covering (as has been noted previously when discussing suggested omissions from Table 1) both topics that are clearly aligned with LIS (in journals such as *Australian Library Journal, Education for Information, Information Development*, *Journal of Information Policy* and *Journal of Library Metadata*), and topics that might, on first inspection at least, appear to have little or no obvious relationship with the discipline (in journals such

as *BMJ*, *Digital Journalism*, *IEEE Transactions on Affective Computing*, *Pattern Recognition Letters*, and *Studies in Higher Education*). This provides strong support for the view that LIS is highly interdisciplinary in character, providing significant knowledge exports to a wide range of other subject domains (Cronin & Meho, 2008; Hessey & Willett, 2013).

It may be argued that this usage-based ranking is not necessarily illustrative of the most prestigious journals in LIS for at least two reasons. First, prestige may not be the only reason that academics choose to publish their work in a particular journal: for example, they might choose the title that is most relevant to their particular article, they might have been invited to contribute to a special issue, and they might have published there previously and found that they had been heavily cited, *inter alia*. Second, the methodology might have affected the ranking, in that the larger LIS departments had more articles submitted to the REF, meaning that there was a bias in the results towards those research areas that were most prevalent at those institutions. These limitations notwithstanding, the top of the ranking here shows a marked degree of consensus with that in Table 1, with the first five journals in Table 4 occupying five of the six top positions in Table 1.

Conclusions

In this paper, we have discussed the views of 30 UK LIS academics on the standing of journals in the field, taking as the starting point an analogous survey carried out in the USA (Manzari, 2013). The small sample size is less than one would have hoped for given the importance of the topic to the target population and means that the conclusions that can be drawn are less robust than one would wish.

Bearing this limitation in mind, the study is in agreement with that of Manzari in highlighting the prominence of *JASIST* and of the *Journal of Documentation*, but otherwise reveals differences, some of which are very substantial, in the perceived standings of the other journals that were rated in the two studies. When asked to suggest journals additional to those in Table 1, the UK respondents identified a further 44 that were relevant to their teaching and/or research. Many of the journals that were suggested had a UK, or at least a non-USA, focus, suggesting that perceptions of the importance of journals can vary in different parts of the world and that there is unlikely to be a single ranking that is of universal relevance; similar conclusions can be drawn from the ranking of LIS journals that was developed for the Australian Research Quality Framework (Smith and Middleton, 2009). Considering not just the suggested additional journals but also the REF submissions, a further conclusion is that LIS research in the UK is wide-ranging in scope, and certainly much broader than if the discipline is defined by traditional LIS journals.

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Taumal	Madian	Maan	SD	Number of	Maan	-
Journal	Median	Mean	SD	Responses	(Manzari)	
Journal of Documentation	5	4.11	1.45	27	3.12	-
Journal of Librarianship and Information Science	4	3.82	1.31	28	1.27	
Journal of the Association for Information Science and Technology	4.5	3.77	1.58	26	4.04	
Journal of Information Science	4	3.75	1.36	24	1.92	
Information Research	4	3.40	1.35	25	2.29	
Aslib Journal of Information Management	3	3.24	1.05	25	1.67	
International Journal of Information Management	3	3.05	1.18	19	0.74	
Library and Information Science Research	3	3.05	1.50	21	2.93	
Library Trends	3	2.87	1.42	23	3.11	
Journal of Academic Librarianship	3	2.86	1.42	21	2.36	
D-Lib Magazine	3	2.72	1.41	18	2.41	
Government Information Quarterly	2.5	2.71	1.59	14	1.41	
Health Information and Libraries Journal	3	2.70	1.38	20	0.84	
First Monday	3	2.65	1.18	20	2.45	
Library Quarterly	2.5	2.55	1.36	20	3.45	
Journal of Computer-Mediated Communication	2	2.50	1.62	12	1.24	
Journal of Information Ethics	3	2.46	1.20	13	1.41	
Information Processing and Management	2.5	2.44	1.46	18	2.76	
Online Information Review	2	2.44	1.34	18	1.25	
Information Society	2.5	2.44	1.26	16	1.50	
Internet Research	2.5	2.44	1.26	16	1.15	
College and Research Libraries	2	2.43	1.25	21	2.68	
Information and Management	2	2.43	1.16	14	1.34	
Journal of Education for Library and Information Science	2.5	2.39	1 20	18	2.71	
Public Libraries	2	2.38	1.20	13	1.67	
Library and Information Science	- 2	2.38	0.96	16	1.20	
Program: Electronic Library and Information Systems	2	2.38	1 20	16	0.50	
Library Journal	2	2.30	1.20	20	2.13	
Libri	2	2.36	1.30	19	1.80	
	2	2.20	1.20	17	1.00	

Electronic Library	2	2.24	1.15	17	1.11	
Journal of Information Technology	2	2.24	1.25	17	1.08	
portal: Libraries and the Academy	1	2.20	1.42	15	1.37	
MIS Quarterly	1.5	2.13	1.45	16	1.31	
Journal of Informetrics	1.5	2.07	1.38	14	1.09	
School Library Journal	1.5	2.07	1.38	14	1.55	
Information Technology and Libraries	2	2.06	1.00	16	1.61	
Canadian Journal of Information and Library Science	2	2.00	1.18	14	1.90	
International Information and Library Review	2	2.00	1.08	18	0.90	
Journal of Health Communication	1.5	2.00	1.24	14	0.71	
Knowledge Organization	1.5	2.00	1.21	16	1.63	
Journal of the Association for Information Systems	1	2.00	1.58	13	0.79	
Library Hi Tech	2	1.95	0.89	20	1.77	
Journal of the American Medical Informatics Association	1	1.93	1.38	14	1.21	
School Library Research	1	1.91	1.45	11	1.62	
Collection Management	2	1.88	1.02	16	1.38	
Journal of Library Administration	2	1.87	0.99	15	1.46	
Information and Culture	2	1.86	0.95	14	1.84	
Journal of Scholarly Publishing	1	1.86	1.35	14	0.94	
Journal of the Medical Library Association	1	1.86	1.35	14	1.27	
Libres	1	1.85	1.28	13	1.19	
International Journal of Legal Information	1	1.83	1.27	12	0.37	
Online Searcher	1	1.83	1.27	12	1.14	
American Archivist	1	1.80	1.42	15	1.44	
American Libraries	1	1.80	1.26	15	1.91	
Educause Review	1	1.79	1.19	14	1.45	
Archivaria	1	1.77	1.48	13	1.01	
Learned Publishing	1	1.77	1.24	13	0.73	
Scientometrics	1	1.76	1.15	17	1.13	
Cataloging and Classification Quarterly	1	1.74	1.15	19	1.78	
Archival Science	1	1.73	1.53	15	0.99	

	Aslib	Journal of Info	ormation Ma	nagement			Page 18 of 22
1							
2							
3							
4							
5	Information Retrieval Journal	1	1.73	1.28	15	1.36	
7	Social Science Computer Review	1	1.69	1.03	13	0.53	
8	Telecommunications Policy	1	1.67	1.07	12	0.63	
9	Reference Services Review	1	1.63	1.26	16	1.40	
10	International Journal of Computer-Supported Collaborative	1	1.62	1 10	13	0.80	
11	Journal of Management Information Systems	1	1.62	1.19	13	0.92	
1Z 13	Information Systems Journal	1	1.60	0.91	15	0.75	
14	Information Systems Boarch	1	1.57	0.76	13	0.85	
15	Reference and User Services Quarterly	1	1.57	0.98	14	2.22	
16	Information Systems	1	1.50	0.98	15	0.79	
17	Information Outlook	1	1.50	1.00	12	1.22	
18	Information Wissenschaft and Praxis		1.50	1.00	12	0.32	
19 20	Law Library Journal	1	1.50	0.80	12	0.82	
20	Serials Librarian		1.50	0.90	12	1 19	
22	Social Science Information	1	1.42	0.67	12	0.61	
23	Harvard Library Bulletin	1	1.38	0.77	13	0.70	
24	International Journal of Geographical Information Science	1	1.38	0.77	13	0.48	
25	EContent	1	1.36	0.81	11	0.60	
20 27	Preservation, Digital Technology and Culture	1	1.36	0.92	11	0.37	
28	Library Collections, Acquisitions and Technical Services	1	1.29	0.47	14	1.26	
29	Restaurator	1	1.27	0.90	11	0.41	
30	Scientist	1	1.27	0.90	11	0.70	
31	Zeitschrift für Bibliothekswesen und Bibliographie	1	1.27	0.90	11	0.34	
32	Cybermetrics	1	1.25	0.62	12	0.73	
33	Interlending and Document Supply	1	1.25	0.45	16	0.48	
	Serials Review	1	1.23	0.60	13	0.97	
34 35				0.28	12	1.07	

Ran	ık	UK	USA
1		Journal of Documentation (3)	JASIST (3)
2		Journal of Librarianship and Information Science (39)	Library Quarterly (14)
3		JASIST (1)	Journal of Documentation (1)
4		Journal of Information Science (15)	Library Trends (8)
5		Information Research (12)	Library & Information Science Research (7)

Table 2. UK and USA equivalent rank positions

Journal	UK rank	USA rank
Health Information and Libraries Journal	12	60
International Information and Library Review	28	58
International Journal of Information Management	7	65
International Journal of Legal Information	36	76
Internet Research	17	47
Journal of Health Communication	28	67
Journal of Librarianship and Information Science	2	39
Library Resources and Technical Services	59	18
Program: Electronic Library and Information Systems	20	73
Reference and User Services Quarterly	49	13

Table 3. Journals appearing at substantially different positions in the UK and USA rankings

	Outputs
JASIST	39
Journal of Documentation	29
Journal of Librarianship and Information Science	11
Aslib Journal of Information Management	7
Information Research	7
Libri	7
Health Information and Libraries Journal	6
Digital Scholarship in the Humanities	5
Information Processing and Management	5
International Journal of Information Management	5
Journal of Chemical Information and Modeling	5
Library and Information History	5
Performance Measurement and Metrics	5
Knowledge Management Research and Practice	4
Library and Information Research	4
Library Management	4
Records Management Journal	4
Archival Science	3
Information Technologies and International Development	3
Journal of Informetrics	3
Knowledge and Process Management	3
New Review of Information Networking	3
Table 4. Journals identified at least three times in LIS journal-articles	submissions to REF UoA 36



Figure 1. Scatter-plot showing the relationship between rankings for the current UK-based study and for Manzari's US-based study



Figure 1. Scatter-plot showing the relationship between rankings for the current UK-based study and for Manzari's US-based study