Data Sharing: 저장 및 인용, 현재의 인식

1

- 일시: 2019. 6. 12 (수) 11:00-11:30
- 장소: 서울대학교 의과대학 교육관 117호

이 현 정

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Dataset 표기

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Data Availability: The minimal dataset allowing replication of all analyses in the manuscript is provided in the Harvard dataverse: http://dx.doi.org/10.7910/DVN/JY3KIT.

Competing interests: The authors have declared that no competing interests exist.

Subject A

Recall (mer

Brain dama

Post-traum

Neural netw

Amygdala

Hippocamp

Functional

Meta-analy

Archi

Dongil Chu

RT @PLO

Introduction

https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0134717

Posttraumatic Stress Disorder (PTSD) is characterized by re-experiencing of the traumatic

Dataset 표기

PLOSone Decoding Trauma memory `Version 2.0`

Cisler, Josh, 2015, "PLOSone Decoding Trauma memory", https://doi.org/10.7910/DVN/JY3KIT, Harvard Dataverse, V2

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Description	As per PLOS one data sharing policy, we have made available the data upon which all analyses in the manuscript are based. Please contact me with additional questions about the database. (2015-07-01)
Subject	Social Sciences
Keyword	PTSD
Related Publication	Cisler JM, Bush K, James GA, Smitherman S, Kilts CD (2015) Decoding the Traumatic Memory among Women with PTSD: Implications for Neurocircuitry Models of PTSD and Real-Time fMRI Neurofeedback. PLoS ONE 10(8): e0134717. doi: 10.1371/journal.pone.0134717

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Authors' contributions

Conceptualization: CC. Data curation: MR, LC, PS. Formal analysis: CC, CS. Methodology: CC, CS. Project administration: MR. Visualization: CC. Writing–original draft: MR. Writing–review & editing: MR, LC, PS, CK, CS, CC.

Conflict of interest

No potential conflict of interest relevant to this article was reported.

Funding

None.

Acknowledgments

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None.

Supplementary materials

Supplement 1. Data files are available from https://doi.org/10.7910/DVN/Y75CP2

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두 Supplement의
차이는?

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Conceptualization: CC. Data curation: MR, LC, PS. Formal analysis: CC, CS. Methodology: CC, CS. Project administration: MR. Visualization: CC. Writing–original draft: MR. Writing–review & editing: MR, LC, PS, CK, CS, CC.

Conflict of interest

No potential conflict of interest relevant to this article was reported.

Funding

None.

Acknowledgments

None.

Supplementary materials

Supplement 1. Data files are available from https://doi.org/10.7910/DVN/Y75CP2

Supplement 2. Abstract recording
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Dataset 표기: 본문

reality. When technology is available, it applies globally improving the situation.

For smaller countries, as shown in Fig. 13, emissions follow similar pattern. They demonstrate substantial decrease but their contribution to global emissions is minor. All simulation results are available on Harvard Dataverse [45] and they include additional to the presented data.

simulated results, as it will produce more realistic representations of local energy systems.

Supplementary Materials

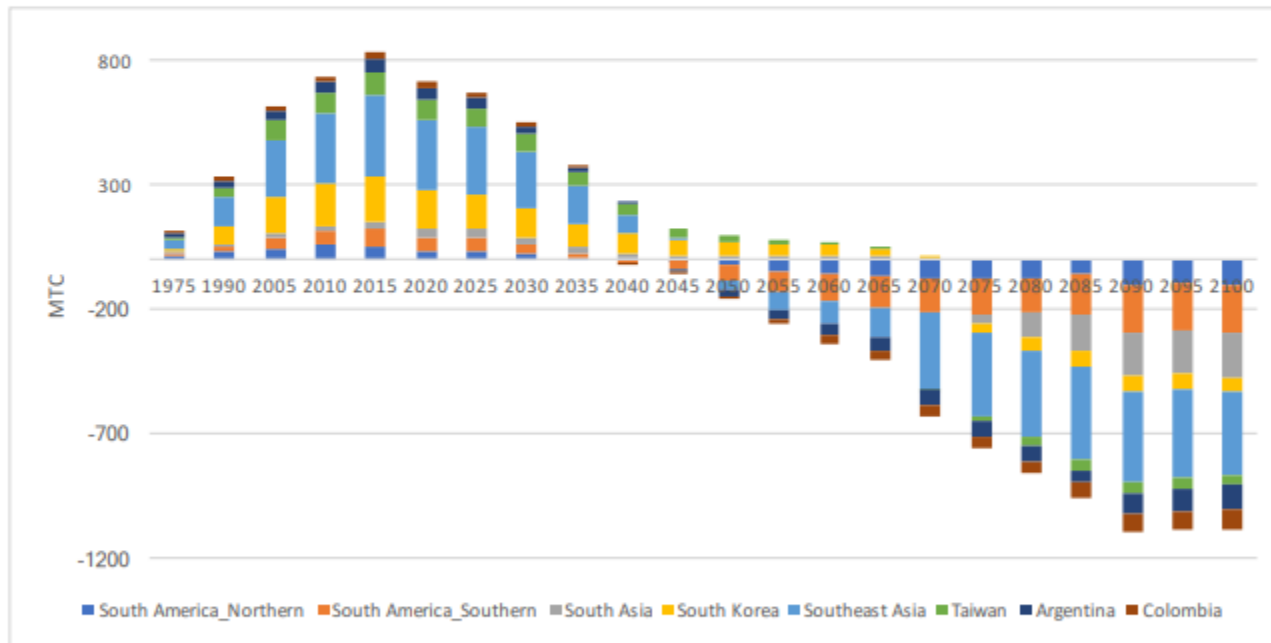Simulation results are available online on "Harvard Dataverse" at http://dx.doi.org/10.7910/DVN/UFLX1G.

Fig. 13. Emissions in million carbon tons for specific GCAM regions under RCP1.0

Acknowledgements

3. Conclusion

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World Journal of Men's Health (Pusan National University School of Medicine)

Harvard Dataverse > **World Journal of Men's Health**

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Ji-Kan Ryu, 2018, "Silencing Histone Deacetylase 7 Alleviates Transforming Growth Factor-β1-Induced Profibrotic Responses in Fibroblasts Derived from Peyronie's Plaque", https://doi.org/10.7910/DVN/YHUKEC, Harvard Dataverse, V1

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Sep 6, 2018

Ju Tae Seo, 2018, "Abnormal Human Sperm Parameters Contribute to Sperm DNA Fragmentation in Men with Varicocele", https://doi.org/10.7910/DVN/2LEMBG, Harvard Dataverse, V1

Purpose This study was performed to evaluate and compare threshold sperm parameters and sperm DNA fragmentation index (DFI), and further analyzed whether sperm DFI could be predicted from sperm parameters in men with varicocele. Materials and Methods A total of 157 semen samples...

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Open data policy and Clinical data sharing policy

Posted on September 1, 2018

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Harvard Dataverse

General   **Institutions**   **Terms**   **Standards**

Name of repository	**Harvard Dataverse**
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Repository URL	https://dataverse.harvard.edu/
Subject(s)	Social Sciences Economics Astrophysics and Astronomy Basic Biological and Medical Research Social and Behavioural Sciences Humanities and Social Sciences Physics Natural Sciences Biology Life Sciences
Description	The Harvard Dataverse is open to all scientific data from all disciplines worldwide. It includes the world's largest collection of social science research data. It is hosting data for projects, archives, researchers, journals, organizations, and institutions.
Content type(s)	Standard office documents Databases Scientific and statistical data formats Raw data Archived data Source code Software applications
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Publishing your authors' research data on Dataverse repositories increases your journal's impact:

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- Increase the credit authors receive for the reuse of their data. (Data Citation Synthesis Group, 2014)

This guide recommends four ways journals can use Dataverse repositories. It applies to data repositories that help journals publish and archive their authors' data, including:

- Harvard Dataverse
- Scholar's Portal Dataverse
- UNC Dataverse

See our map of data repositories using Dataverse software. Please review each repository's website for more information about who can publish data, fees and storage limits.

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   d. Complete the **Description** with a summary describing the purpose,

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- ## Dataverse is a data sharing platform

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- Data should be submitted to discipline-specific, community-recognized repositories where possible, or to generalist repositories if no suitable community resource is available.

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- Re

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Harvard Dataverse	Contact repository for datasets over 1 TB	2.5 GB per file, 10 GB per dataset	No	view re3data entry
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metabolic findings

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PLOSone Decoding Trauma memory `Version 2.0`

Cisler, Josh, 2015, "PLOSone Decoding Trauma memory", https://doi.org/10.7910/DVN/JY3KIT, Harvard Dataverse, V2

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Keyword	PTSD
Related Publication	Cisler JM, Bush K, James GA, Smitherman S, Kilts CD (2015) Decoding the Traumatic Memory among Implications for Neurocircuitry Models of PTSD and Real-Time fMRI Neurofeedback. PLoS ONE 10(8) 10.1371/journal.pone.0134717

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Current and planned adoption of data sharing policies by editors of Korean scholarly journals

Soo Young Kim[1] iD, Hyun Jung Yi[2] iD, Sun Huh[3] iD

[1]Department of Family Medicine, Gangdong Sacred Heart Hospital, College of Medicine, Hallym University, Seoul, Korea

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Abstract

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Background

- Data sharing is the practice of making data used for scholarly research available to other investigators.

- Researchers can get benefit through data sharing policy.

- They can replicate the analysis of data or can adopt other methodology for analysis.

Background

- In Korea there are still a few number of journals that adopted data sharing policy

- Furthermore, the funding agencies still did not consider data sharing policy.

- US NIH → Recommend data sharing

- It is time to consider and discuss on the data sharing policy in the researches supported by Government and public agencies.

Aims

- The present status of adoption of and attitudes towards data sharing policy in scholarly journals published in Korea through web-based survey.

- To provide the reasonable and effective way of introducing data sharing policy in scholarly journals in Korea.

Methods

- From December 26, 2018 to January 3, 2019
- Survey was opened to 1055 persons who were listed in the member directory of both the Korean Council of Science Editors and Korean Federation of Science & Technology
- Google survey was used.
- Four items comprised subjects' info such as field, role, sex, and work year
- Two items consisted of journal's language and year of launching.
- After that, the present status of data sharing policy, reason of adoption or non-adoption, further opinions were asked.
- Descriptive statistics was applied.

Results

- Adoption of data sharing policy
- Level of policy
- Reason of adoption
- Who deposit and where is deposited
- Reason not to adopt
- What is necessary to establish data sharing policy

- Results

Table 1.

Characteristics of respondents and their journals (from 100 Korean editors)

| Item	Option	Number
Fields	Medical/health	54
	Engineering	22
	Natural science	13
	Agricultural science & fisheries	6
	Social science & humanities	3
	Multi-disciplinary	2
Role	Editor	93
	Associate editor	4
	Managing editor	1
	Editorial assistant	2
Sex	Male	71
	Female	29
Experience in current role	Less than 1 yr	8
	1–2 yr	12
	3–6 yr	36
	Over 6 yr	44
Language of journal	English	52
	English or Korean	33
	Korean	15
	Other	0
Year of launch	1945–1949	1
	1950–1959	5
	1960–1969	10
	1970–1979	15
	1980–1989	24
	1990–1999	13
	2000–2009	24
	2010–present	8
Present data sharing policy	Yes	13
	No	87

- Results
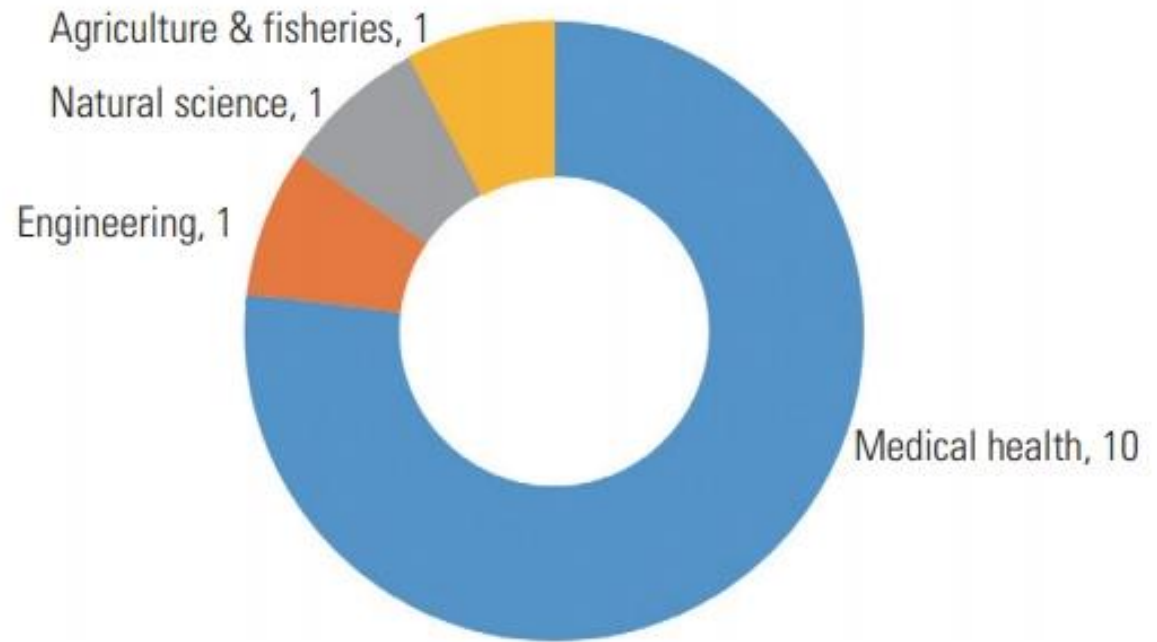
Fig. 1.

Fields of the 13 journals in Korea that have adopted a data sharing policy.

R
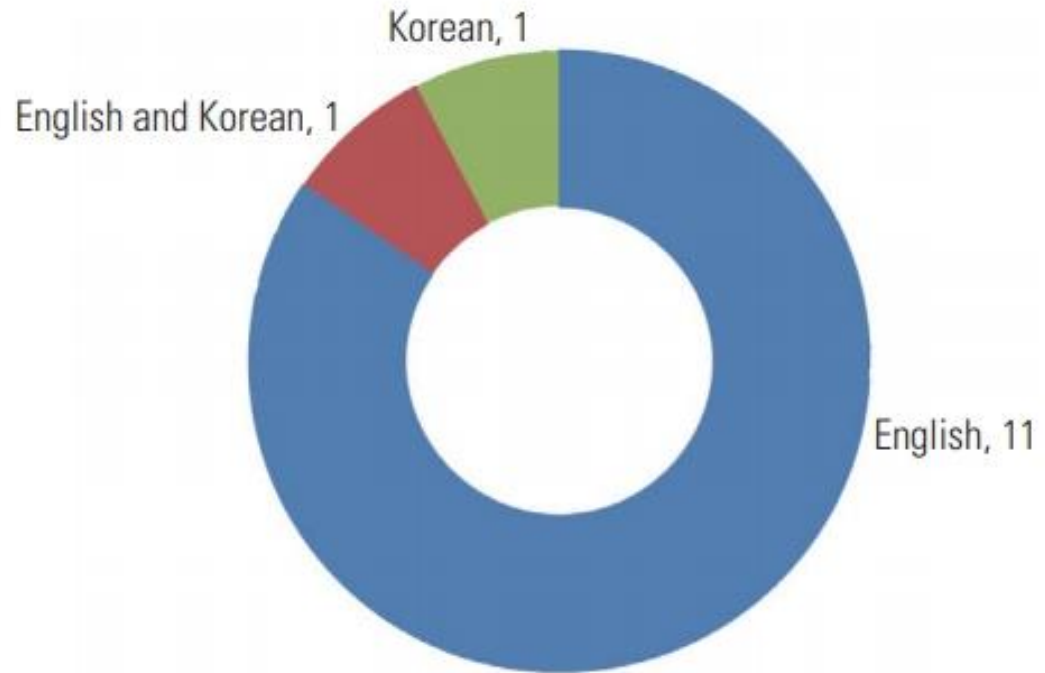
Fig. 2.

Language of the 13 journals in Korea that have adopted a data sharing policy.
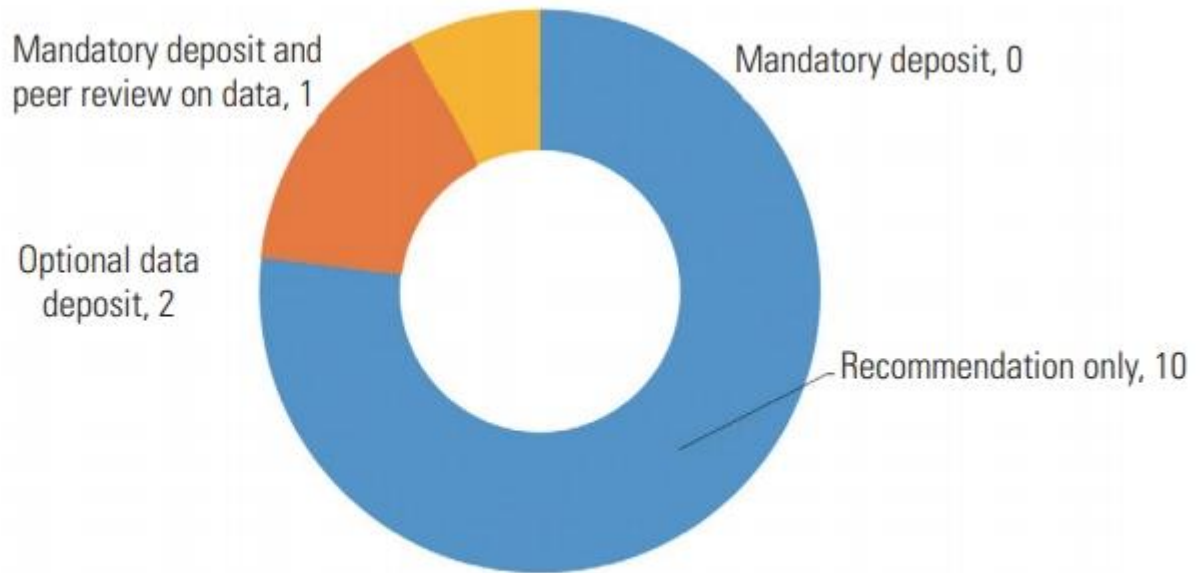
Results

Fig. 3.

Strength of the data-sharing policies of the 13 journals in Korea with such a policy.

4. ("있다"인 경우만 응답) 정책 수준

◯ Data sharing을 권장한다.

◯ Data sharing을 권장하며(data 제출 여부 선택), statement를 학술지에 기술해야 한다.

◯ Data sharing을 시행하며(data 제출 필수), statement를 학술지에 기술해야 한다.

◯ Data sharing을 시행하며(data 제출해야 함과 동시에 data도 peer review 대상임), statement를 학술지에 기술해야 한다.

Wiley's Data Sharing Policies

Wiley is committed to a more open research landscape, facilitating faster and more effective research discovery by enabling reproducibility and verification of data, methodology and reporting standards. We encourage authors of articles published in our journals to share their research data including, but not limited to: raw data, processed data, software, algorithms, protocols, methods, materials.

Refer to the table below to understand the various standardized data sharing policy categories:

	Data availability statement is published[1]	Data has been shared[2]	Data has been peer reviewed[3]	Example Wiley journals
Encourages Data Sharing	Optional	Optional	Optional	
Expects Data Sharing	Required	Optional	Optional	British Journal of Social Psychology
Mandates Data Sharing	Required	Required	Optional	Ecology and Evolution
Mandates Data Sharing and Peer Reviews Data	Required	Required	Required	Geoscience Data Journal American Journal of Political Science

[1] A data availability statement confirms the presence or absence of shared data.

[2] Links to data in data availability statements are checked to ensure they link to the data that the authors intended. If data have been shared in a data repository, the data availability statement includes a permanent link to the data. Shared data is also cited.

[3] Quality and/or replicability of linked data are peer reviewed. Depending on the journal, this may be to peer review the quality of the data by ensuring that the results in the paper and the data in the repository align (for example, sample sizes and variables match), or it may be to peer review the replicability of the data to ensure that the claims presented in the
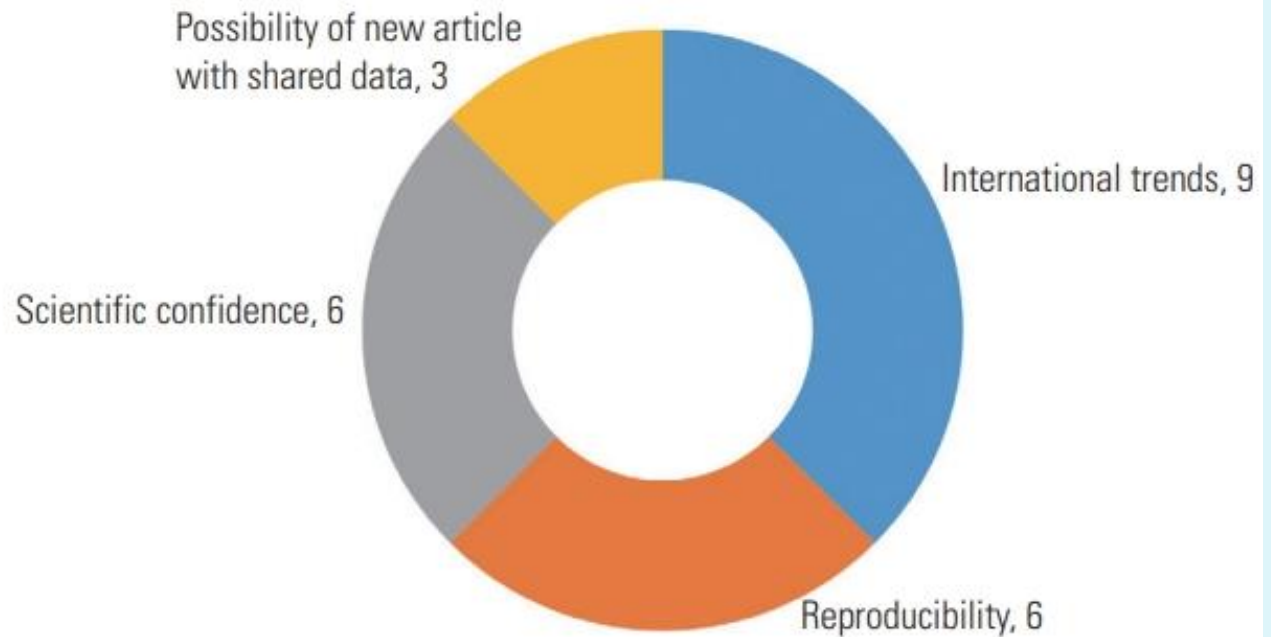
- Results

Fig. 4.

Reasons for adopting a data sharing policy, among the 13 journals in Korea with such a policy.

- 5. ("있다"인 경우만 응답) 도입한 이유(복수 선택 가능)

  ☐ 연구결과의 재현성을 확보할 수 있다.

  ☐ 국제적으로 data sharing이 추세이므로 그에 따라서 시행하였다.

  ☐ Data를 공개함으로써 원자료를 분석한 새로운 논문 작성을 기대할 수 있다.

  ☐ 외부에 우리 학술지의 과학성에 대한 확신을 줄 수 있다.
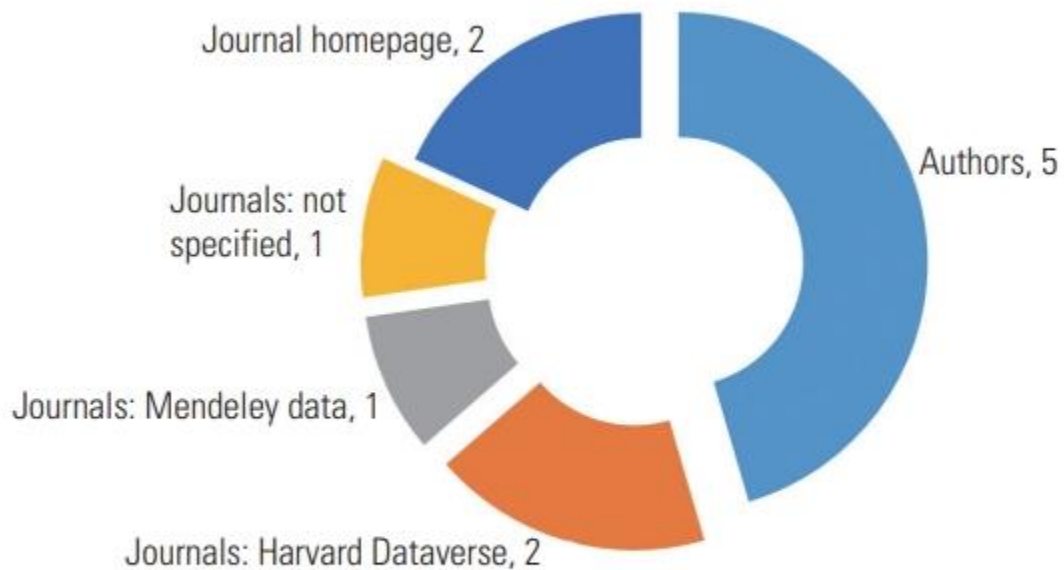
  ☐ Other: _____

Fig. 5.

Who has the responsibility for data deposit and which repository sites are used by the journals in Korea that have adopted a data sharing policy.

Res

6. ("있다"인 경우만 응답) 현재 사용중인 data 기탁방법은(복수 선택 가능)?

☐ (1) 저자가 선택한 repository (저장소)를 이용한다.

☐ (2) 투고과정 중에 data를 보내면 출판할 때 학술지에서 data repository에 기탁한다.

☐ (3) Data 를 학술지 홈페이지에 올린다.

☐ Other: _____

7. 6번에서 (2) data repository에 기탁하는 경우 해당 repository를 기재해 주세요.

Your answer

- Results
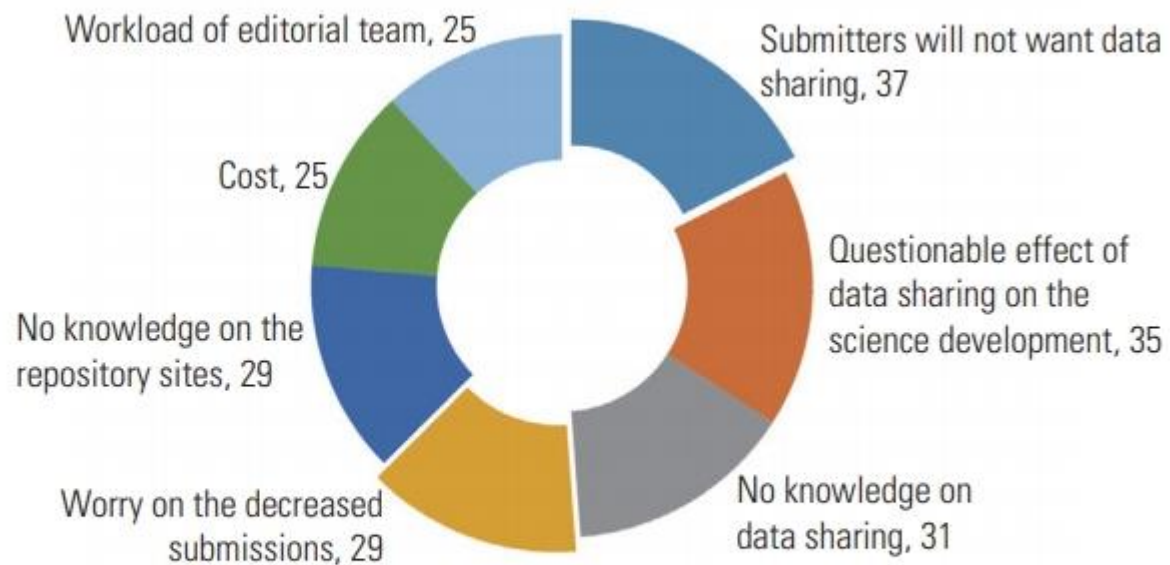
Fig. 6.

Reasons for not adopting a data sharing policy, among the 87 journals in Korea with no such policy.

R

8. ("없다"인 경우만 응답) 도입하지 않은 이유(복수 선택 가능)

☐ 아직 data sharing이 무엇인지 모른다.

☐ Data를 공개하라고 하면 투고 원고가 감소할 것 같다.

☐ 투고자가 data 공개를 원하지 않을 것이다.

☐ Data를 받아도 어디에 기탁할지 잘 알지 못한다.

☐ Data sharing 정책을 시행하면 경비가 많이 소요될 것 같아 염려된다.

☐ Data sharing 정책을 도입한 후 편집인이나 편집 실무자의 업무량이 증가할 것이다.

☐ Data 공개를 통해 학술지의 발전에 기여할 수 있는지의 여부를 확신할 수 없다.
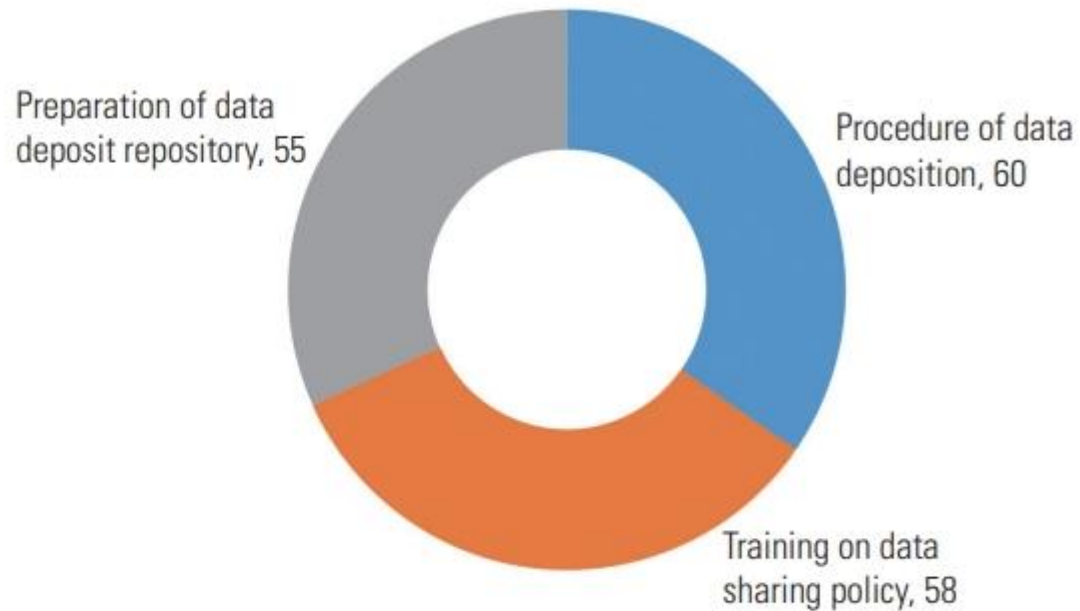
☐ Other:

- Results

Fig. 7.

Factors identified as necessary for editors to establish data sharing policies in Korea.

- Results

9. ("없다"인 경우만 응답) 해결되어야 할 문제(복수 선택 가능)

☐ Data를 기탁할 repository를 마련한다.

☐ Data sharing 정책 도입에 필요한 절차를 지원해주었으면 한다.

☐ Data sharing 정책에 대한 교육과 훈련이 필요하다.

☐ Other: _____

Conclusion

- **Data sharing policies** are still **unfamiliar** to some Korean editors.
- **Numerous well-known foreign journals** have **adopted** data sharing policies.
- Only three editors deposited data to repository sites such as the Harvard Dataverse or Mendeley Data.
- According to Korean law, limitations exist based on the Enforcement Decree of the Personal Information Protection Act
- **Training courses** on data sharing **are required** in order to help editors understand such policies more lucidly

Generalizability: Since the sample was not randomized, care should be taken when extrapolating our findings to represent all scholarly journals in Korea. There are 643 scientific journals in Korea according to the Korea Citation Index, available from: https://www.kci.go.kr/kciportal/po/statistics/poStatisticsMain.kci?tab_code=Tab1 (cited 2019 Feb 4). More intensive data collection is necessary to characterize the present situation. The data described the present situation and trends in the adoption of data sharing policies by journals in the near future. According to our results, the possibility of such policies being adopted is promising.

Conclusion: Publishing societies and organizations in Korea should decide whether to adopt a data sharing policy. According to our results, only 13% of journals had adopted such a policy and 49% of editors did not have a plan to do so. Before making such decisions, training courses on data sharing are required in order to help editors understand such policies more lucidly. Furthermore, infrastructure (such as establishment of a domestic data repository) is also required to support editors who would like to adopt such a policy.

Conflict of Interest

Go to : ▾

No potential conflict of interest relevant to this article was reported.

Data Availability

Dataset 1. Response data of the questionnaire survey and the content of coding is available from the Harvard Dataverse at: https://doi.org/10.7910/DVN/F41EQP.

References

Go to : ▾

1. National Institute of Health. NIH data sharing policy and implementation guidance [Internet]. Bethesda, MD: National Institute of Health c2003 [cited 2019 Feb 1]. Available from: https://grants.nih.gov/grants/policy/data_sharing/data_sharing_guidance.htm

Science Editing

Harvard Dataverse > Science Editing > Current and planned adoption of data sharing policies by editors of Korean scholarly journals

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Kim, Soo Young; Yi, Hyun Jung; Huh, Sun, 2019, "Current and planned adoption of data sharing policies by editors of Korean scholarly journals", https://doi.org/10.7910/DVN/F41EQP, Harvard Dataverse, V1

▤ Cite Dataset ▾

ℹ Learn about Data Citation Standards.

Description	It is the survey data on the data sharing policy to editors in Korea.
Subject	Social Sciences
Keyword	Data availability, Journal editor, Knowledge, Republic of Korea

Files | Metadata | Terms | Versions

1 File

SE 19-057 Dataset 1.xlsx
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MD5: 336f5071ac0b5a63eed5d5c68c9cd191

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