# Korean editors' adoption of and attitude towards data sharing policy

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# Background

- **Data sharing is <span style="color:red">the practice of making data used for scholarly research available to other investigators</span>.**

- **Researchers can get benefit through data sharing policy.**

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

# Background (2)

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

- **Furthermore, the <span style="color:purple">funding agencies</span> still <span style="color:red">did not</span> consider data sharing policy.**
  - **US NIH → Rocommend 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**

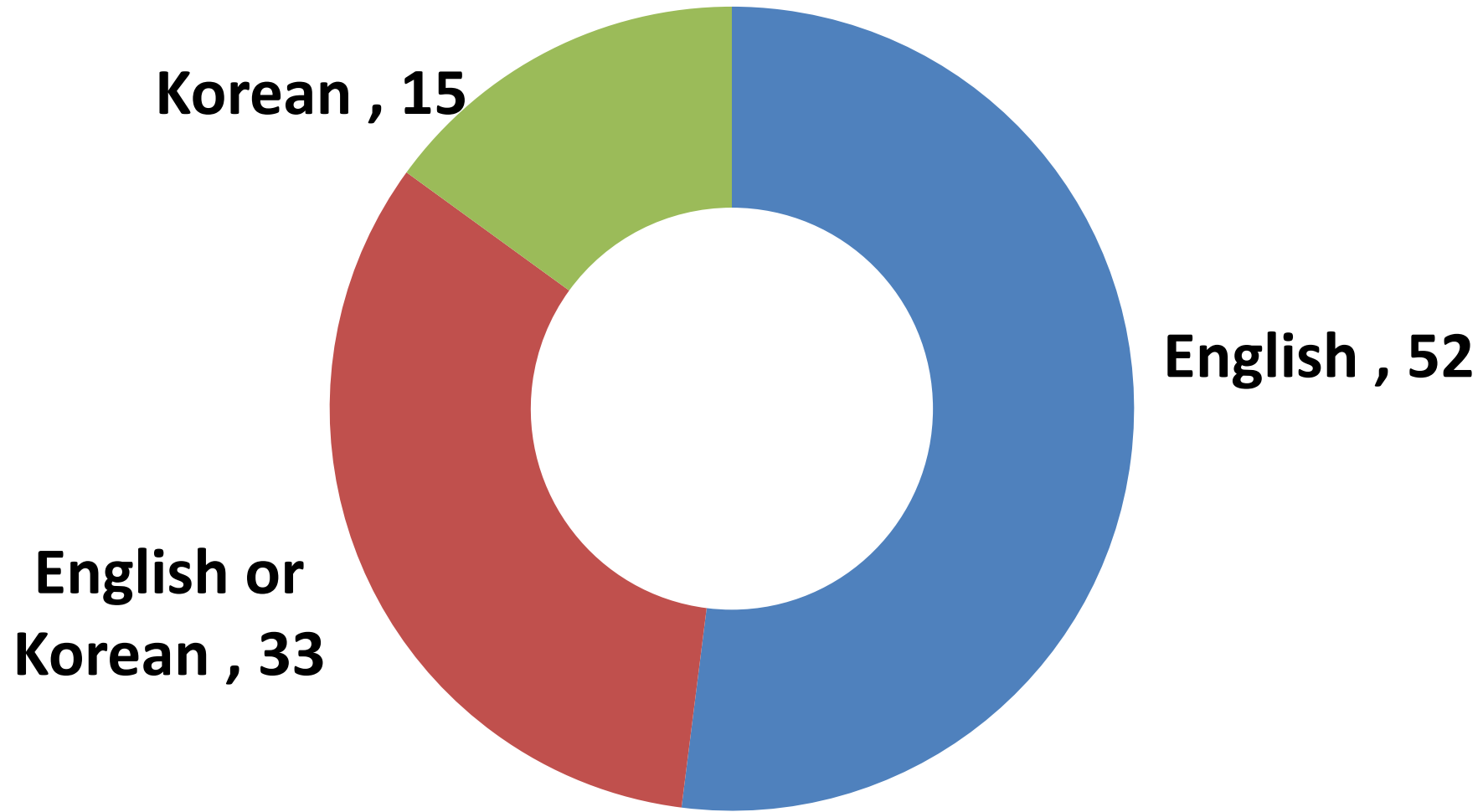Fig. 1. 100 journals' fields, that responded.
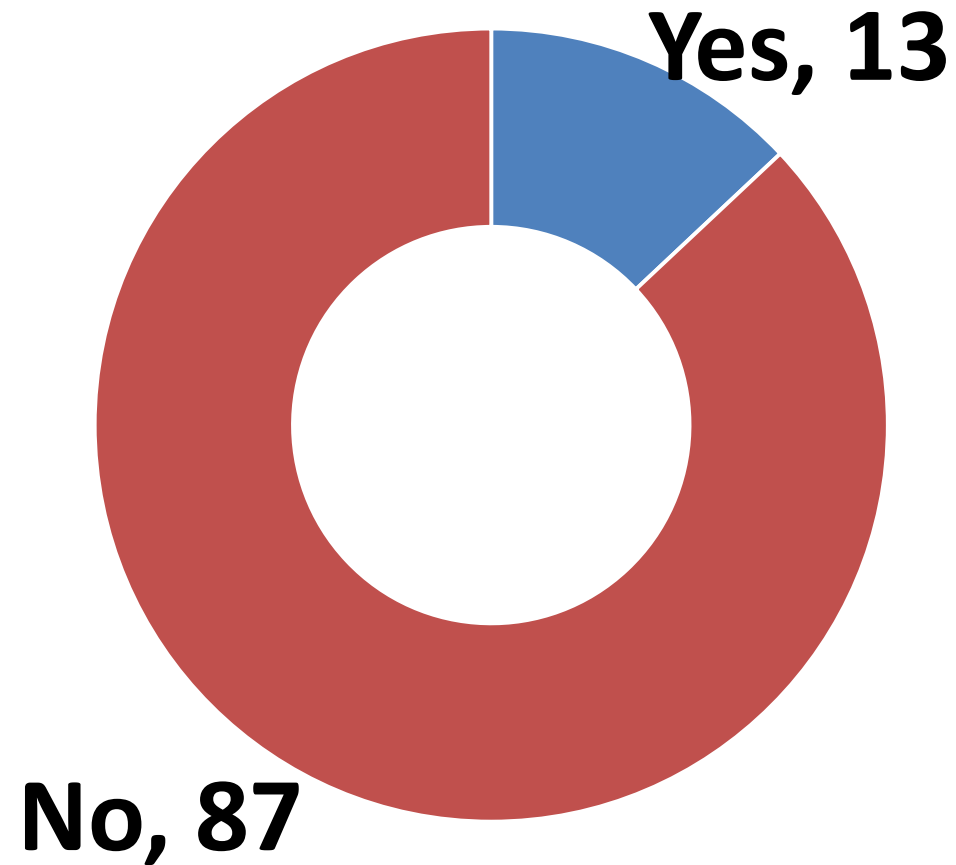
Fig. 2. Language of 100 journals that responded.

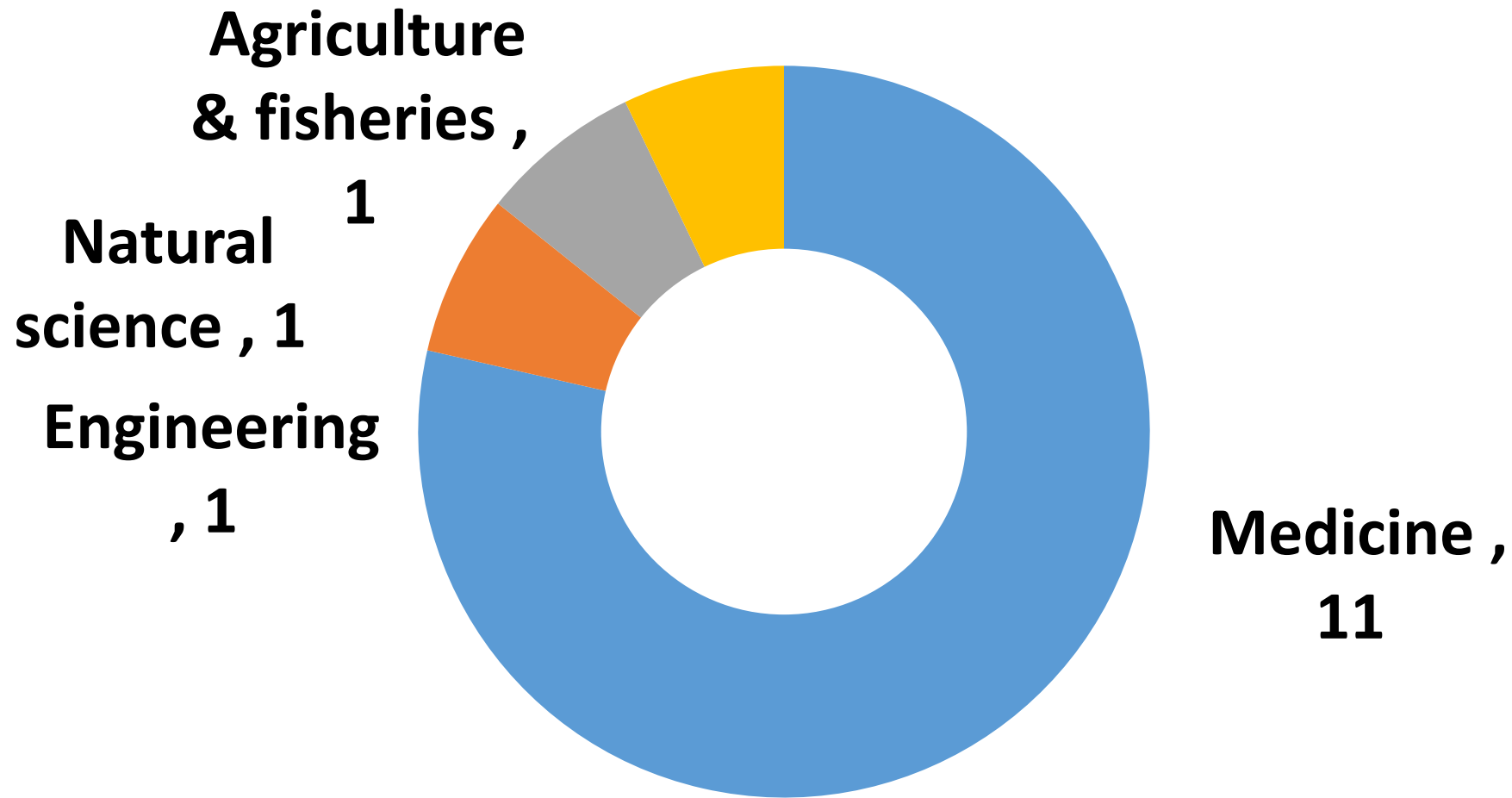Fig. 3. Adoption of data sharing policy out of 100 journals in Korea.

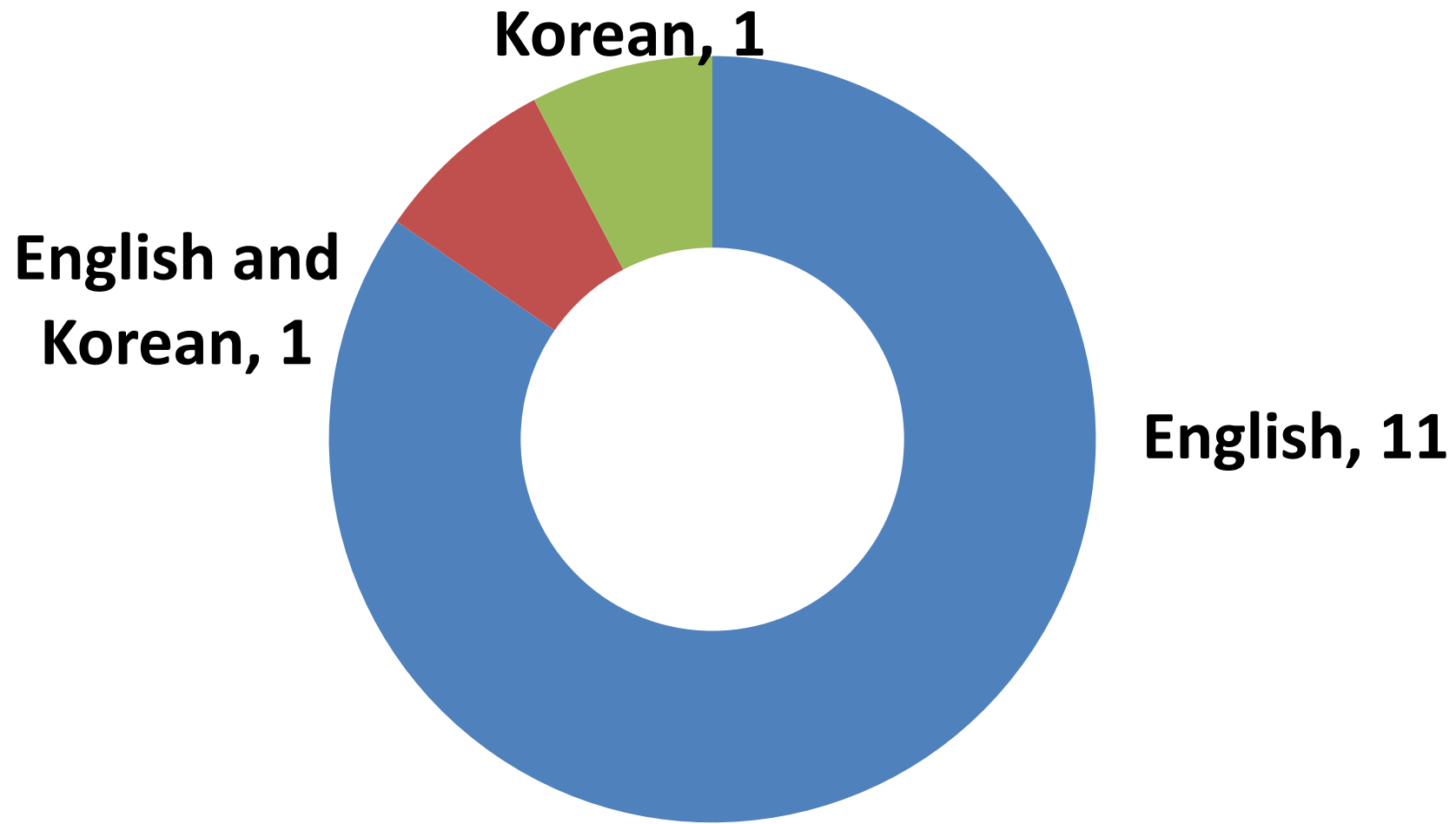**Fig. 4. Fields of 13 journals that adopted data sharing policy in Korea.**

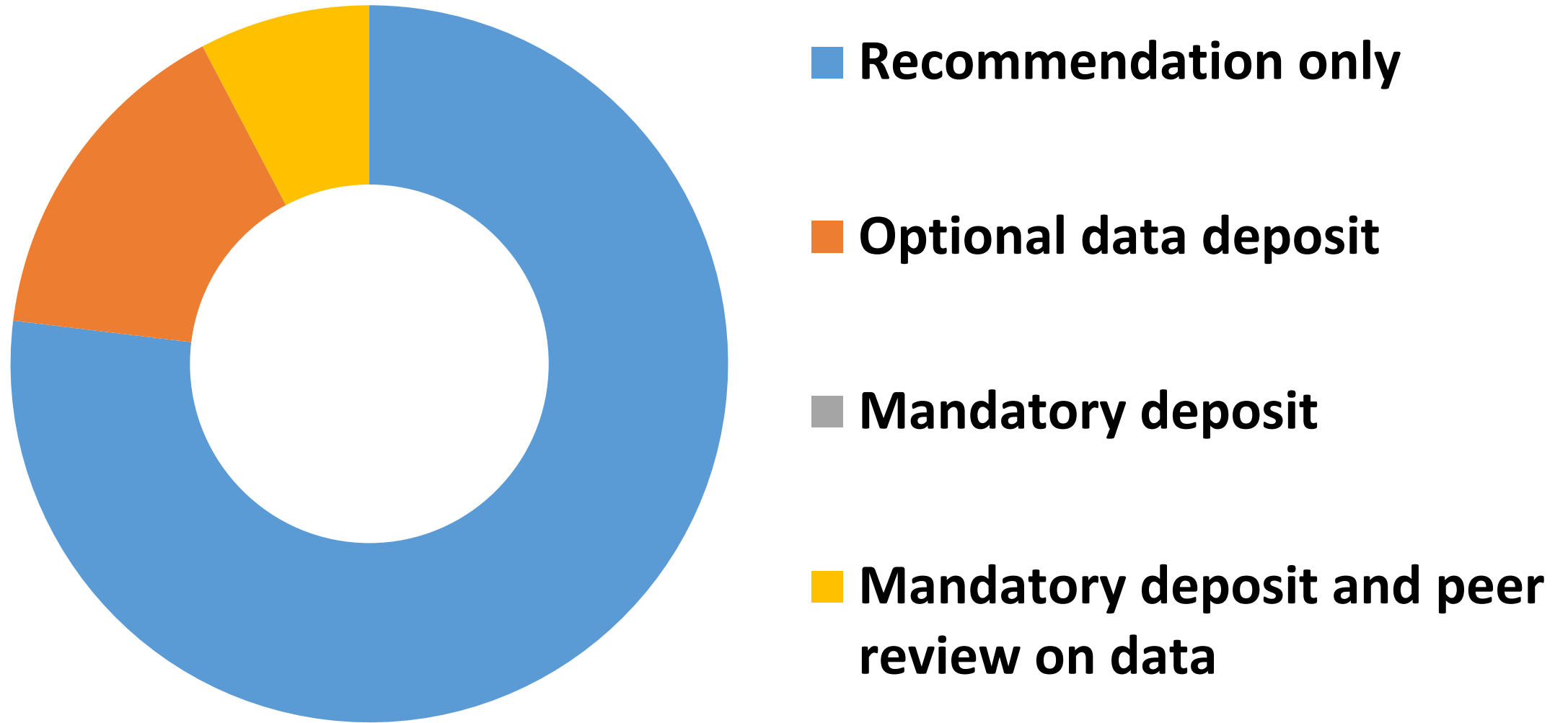Fig. 5. Language of 13 journals that adopted data sharing policy in Korea.

Fig. 6. Level of policy of 13 journals that adopted data sharing policy in Korea.
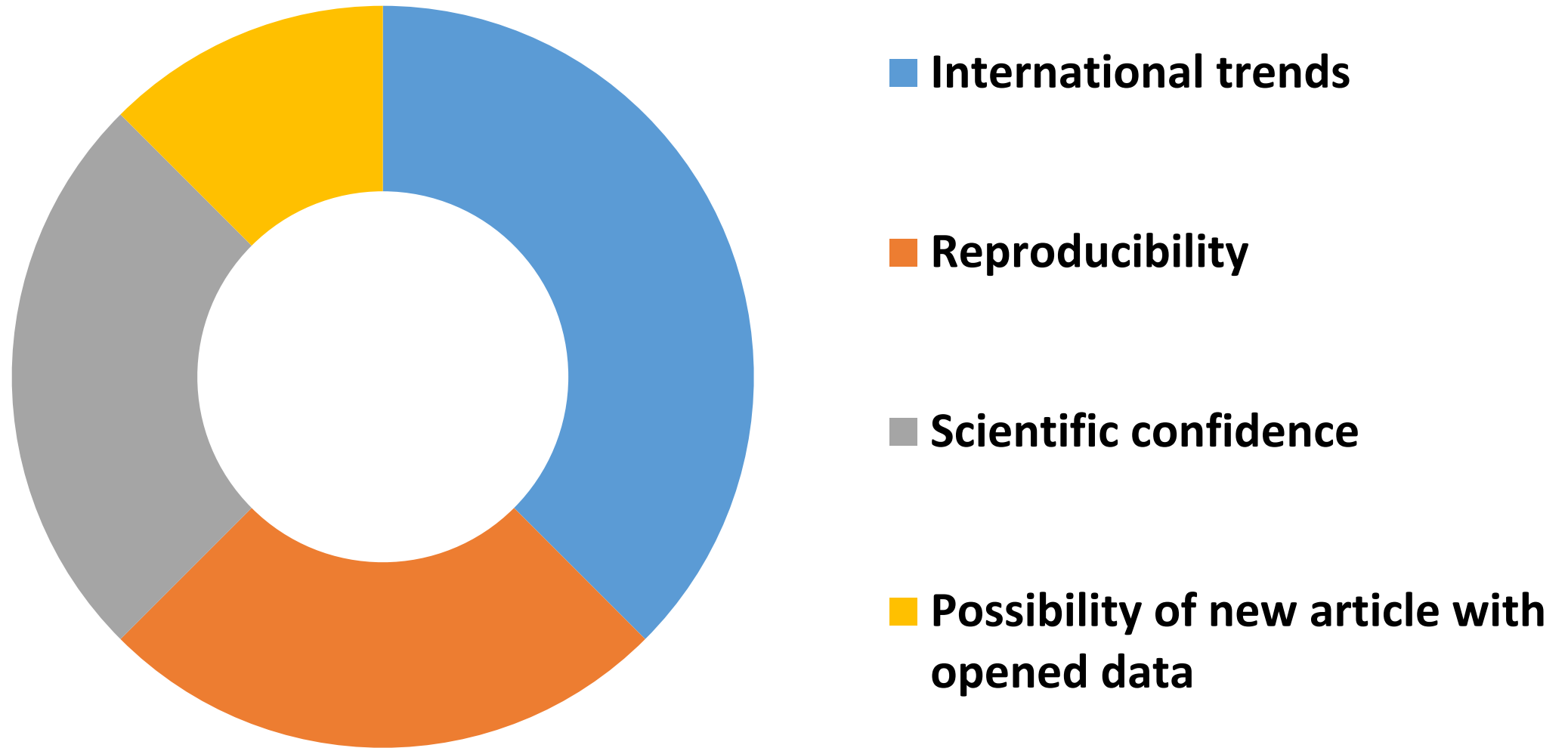
**Fig. 6. Reason of adoption 13 journals that adopted data sharing policy in Korea.**

**Authors**

**Journals-Harvard dataverse**

**Journals- Mendeley data**

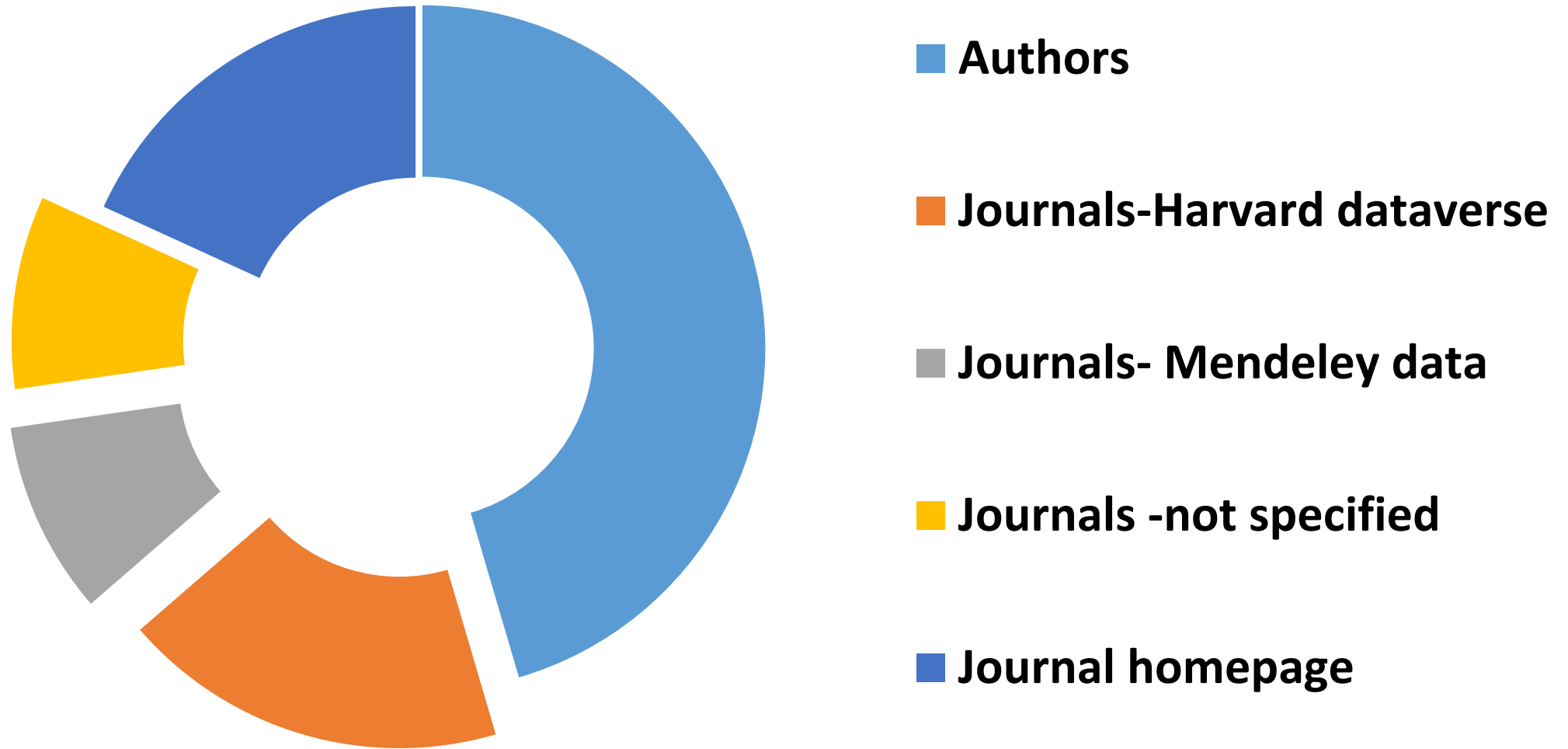**Journals -not specified**

**Journal homepage**

Fig. 7. Who deposit and where is the repository sites of journals that adopted data sharing policy in Korea.
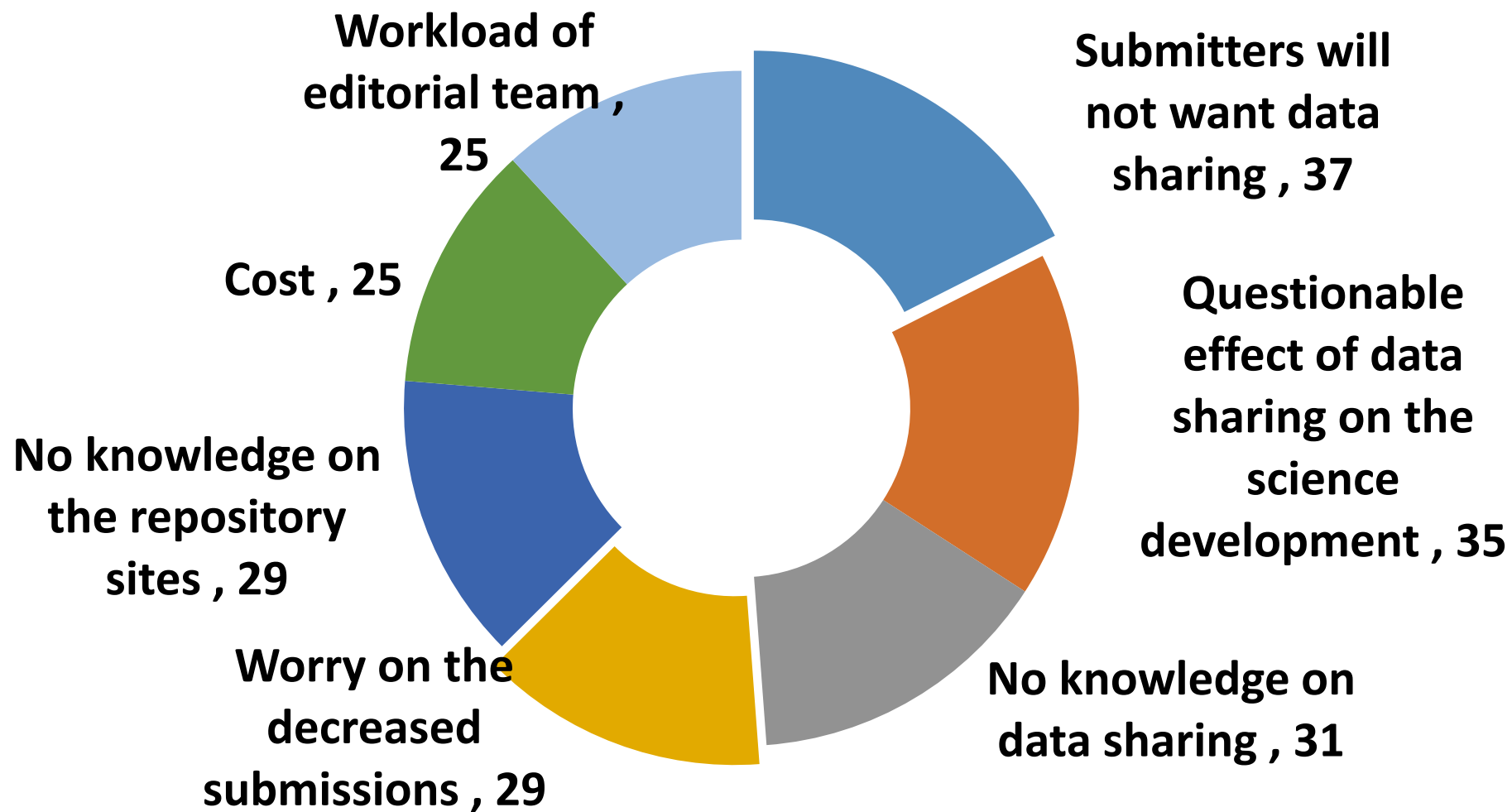
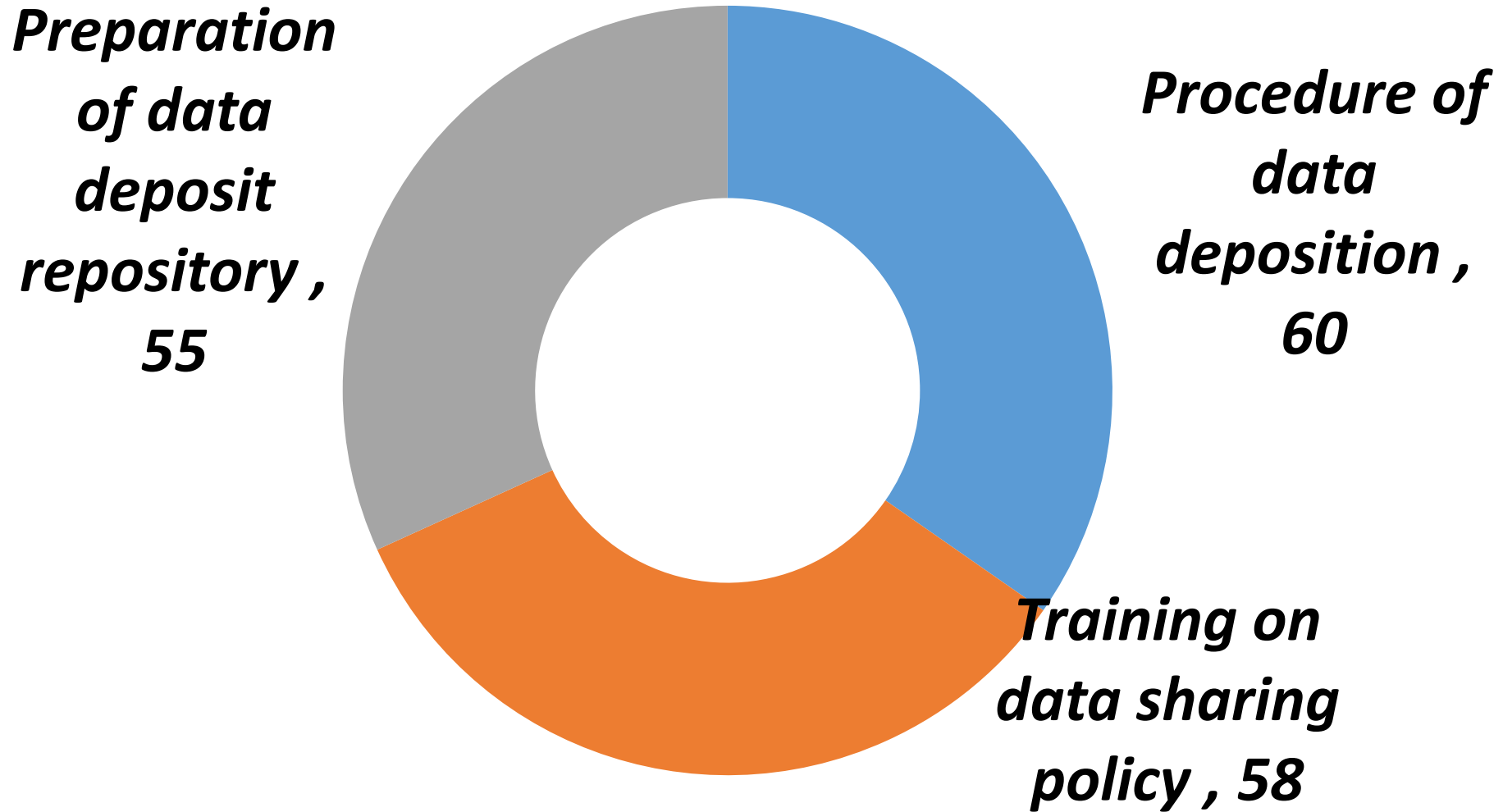**Fig. 8. The reasons not adopting data sharing policy from 87 journals that did not adopt data sharing policy.**

**Fig. 9. What is necessary for editors to establish the data sharing policy in Korea**

# Conclusion

- Some journals have already adopted data sharing policy.

- Repository sites are not consistent except **Mendeley & Harvard dataverse**.

- It may not be easy to introduce the policy due to resistance by editors.

- Training on data sharing policy is required.