

Research Data Management Course: Survey Results

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Abstract

This report presents statistical data and a detailed analysis of a survey that was conducted among participants of the course "Research Data Management" at Bielefeld University in the years 2013 to 2017.

1 Research Data Management Course

We have been offering an interdisciplinary course on research data management for students since 2013. Since then, the course has been visited by over 100 students. The course presents an introduction into the motivation, challenges and solutions of managing research data. Our aim is to enable students to apply the concepts learned in their own research work.

In this report we present statistical data about the course from Bielefeld University's electronic course catalogue and the results of an online survey among the course's participants.

The raw survey data is available at [1].

2 Electronic Course Catalogue (eKVV) Data

The eKVV ("elektronisches kommentiertes Vorlesungsverzeichnis") is Bielefeld University's electronic course catalogue. Each course is listed and students can book their courses online. Teachers can access the courses' participants list. The statistical reports in this section are based on the eKVV data.

2.1 Number of participants per year

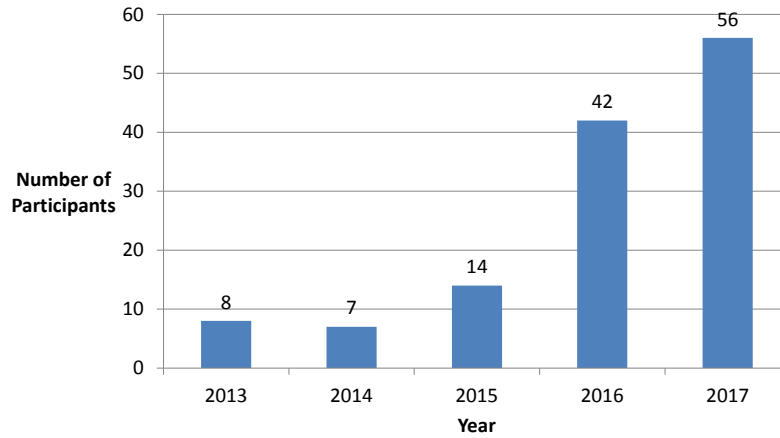


Figure 1: Number of participants per year

2.2 Degree programs of participants

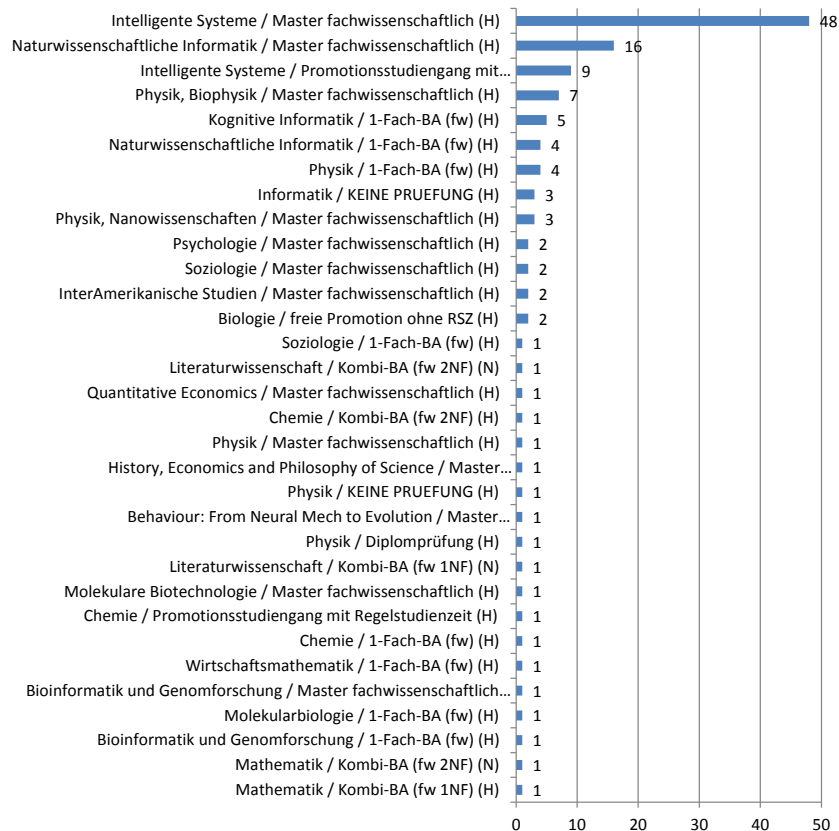


Figure 2: Degree programs of participants

2.3 Degree programs of participants

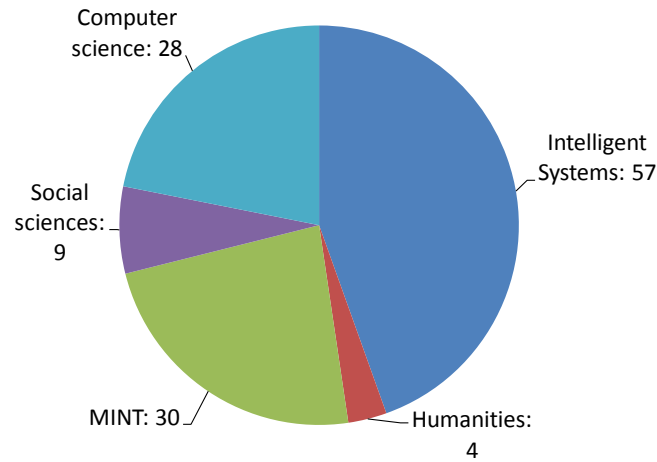


Figure 3: Degree programs of participants

2.4 Participants by Bachelor/Master/PhD

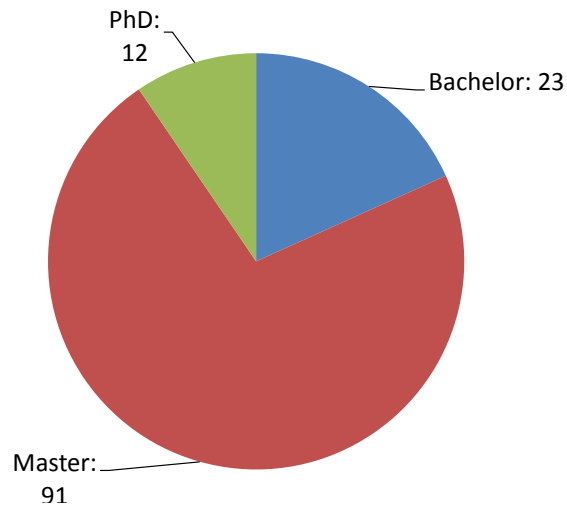


Figure 4: Participants by Bachelor/Master/PhD

3 Survey

The survey was conducted online with the Unpark/Questback system ¹.

In order to evaluate the seminar, we conducted an online survey based on the Unipark/Questback platform ². Invitations were sent by e-mail to all 128 students of all five years (2013-2017), of which 31 completed the survey. The

¹<http://www.unipark.de>

²<https://unipark.com>

following section presents the results of all questions asked in the survey. The raw survey data can be found at [1].

3.1 In which year did you take the Research Data Management course?

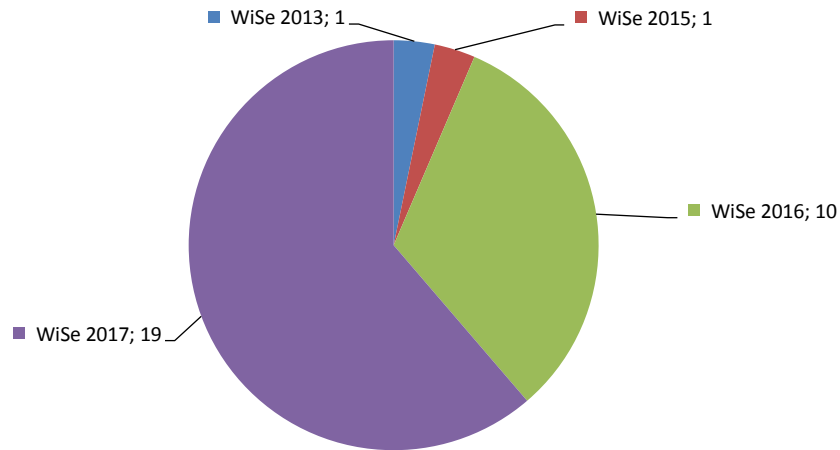


Figure 5: In which year did you take the Research Data Management course?

3.2 What is your study programme?

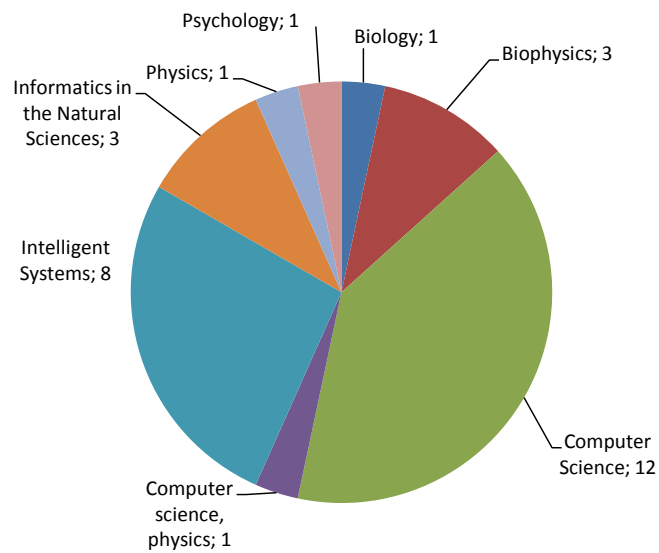


Figure 6: What is your study programme?

3.3 How old are you?

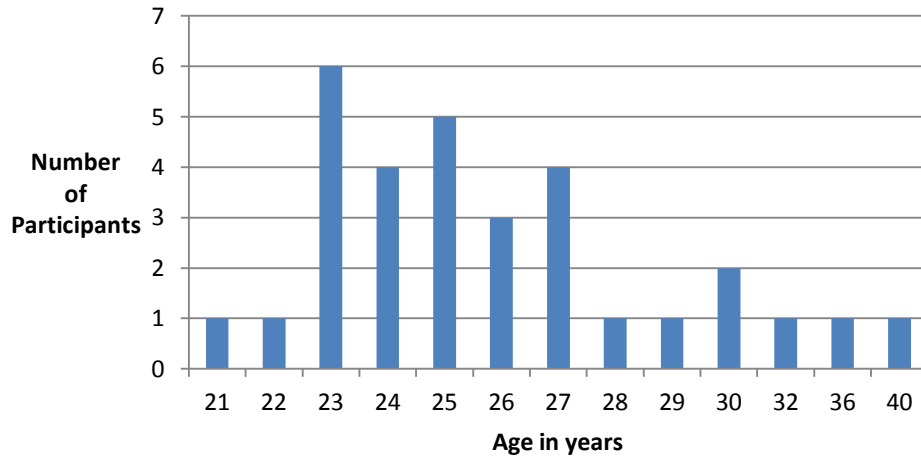


Figure 7: How old are you?

3.4 Are you currently studying for a Bachelor, Master or PhD?

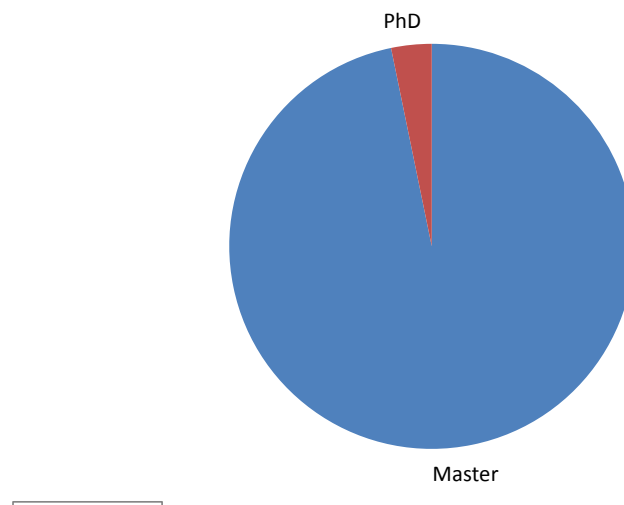


Figure 8: Are you currently studying for a Bachelor, Master or PhD?

3.5 What do you study?

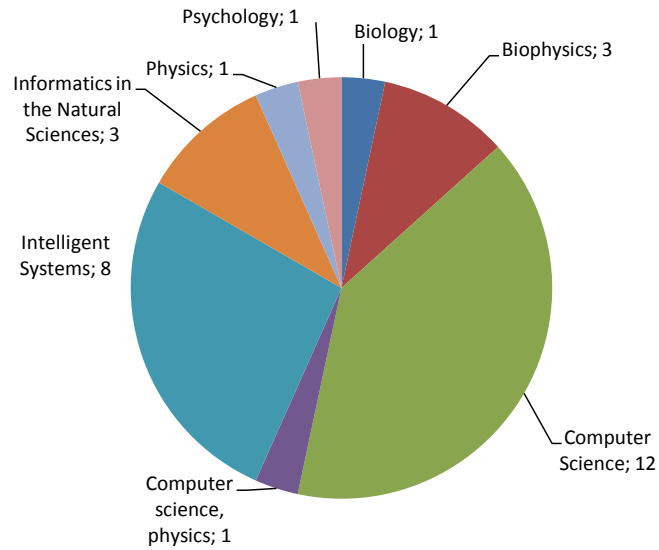


Figure 9: What do you study?

3.6 How did you learn about the Research Data Management seminar?

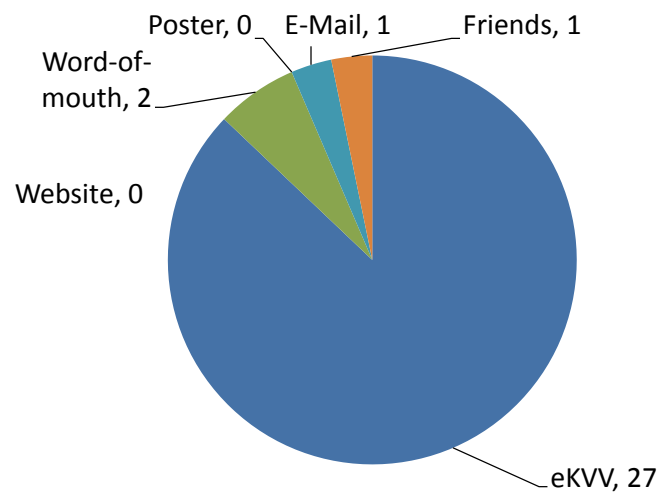


Figure 10: How did you learn about the Research Data Management seminar?

3.7 Please state your level of agreement

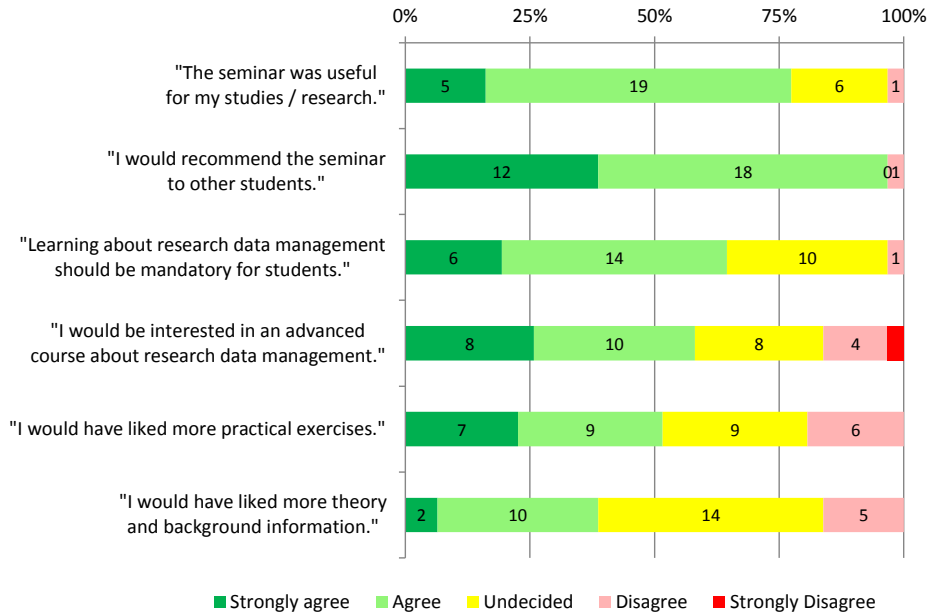


Figure 11: Please state your level of agreement

3.8 Which of these topics would you like to learn more about?

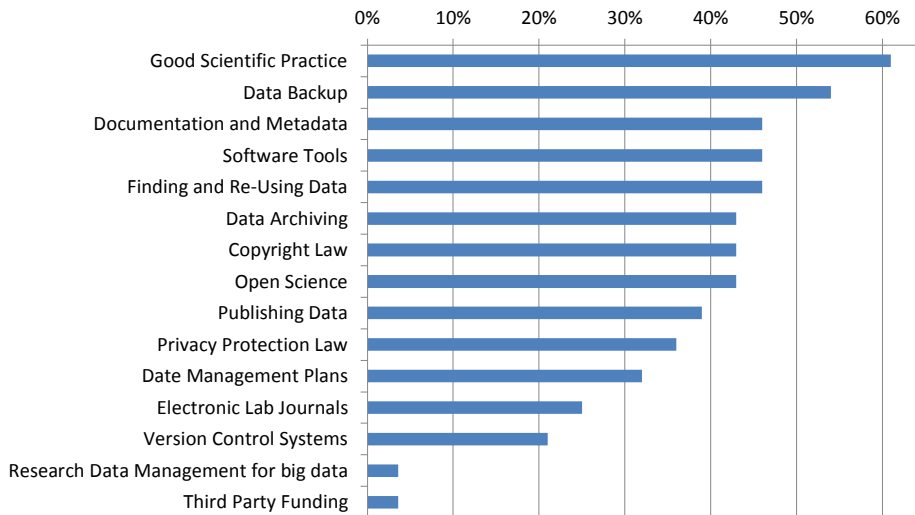


Figure 12: Which of these topics would you like to learn more about?

3.9 "Scientific publications should be available free of charge for everybody." Do you agree?

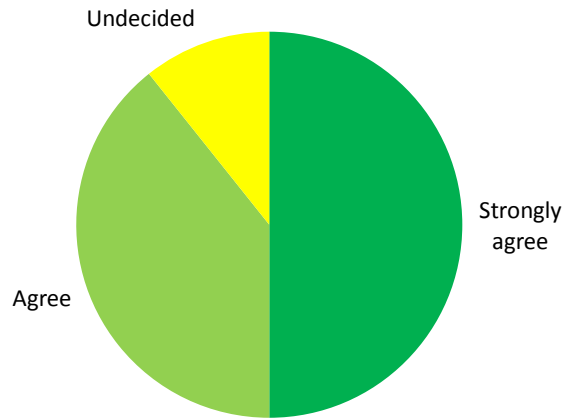


Figure 13: "Scientific publications should be available free of charge for everybody." Do you agree?

3.10 "Research data should be openly shared." Do you agree?

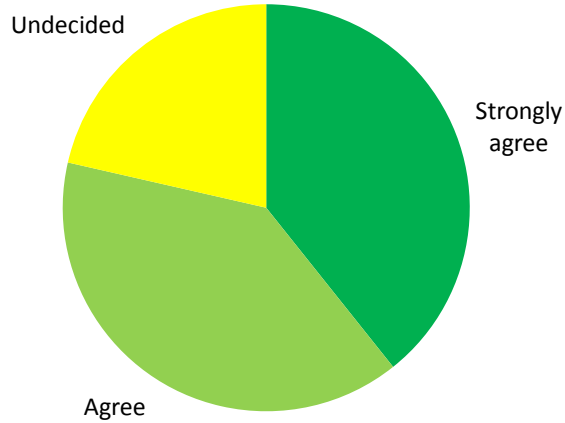


Figure 14: "Research data should be openly shared." Do you agree?

3.11 Did you already publish data?

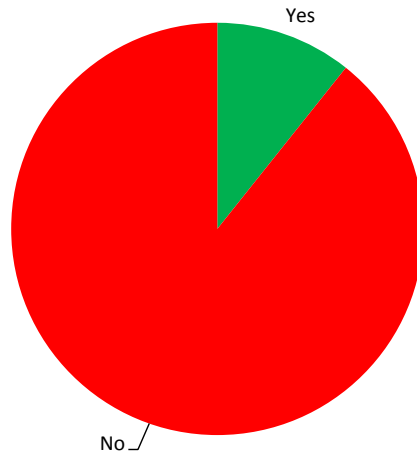


Figure 15: Did you already publish data?

3.12 Would you be willing to publish data?

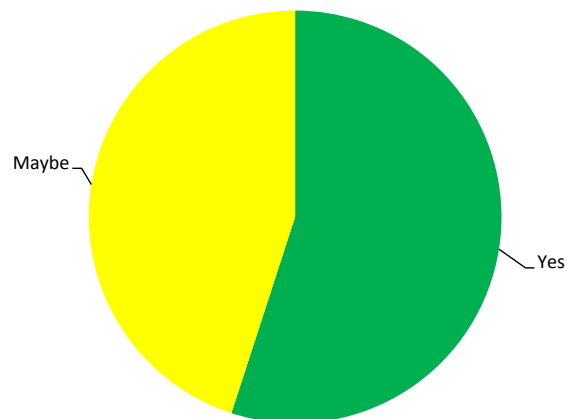


Figure 16: Would you be willing to publish data?

References

- [1] Cord Wiljes. Research Data Management Course: Survey Data, 2018.

Acknowledgements

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