European Conference on
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Research Data Management Literacy at Three Spanish Universities

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UNIVERSIDAD COMPLUTENSE MADRID

Universidad Rey Juan Carlos

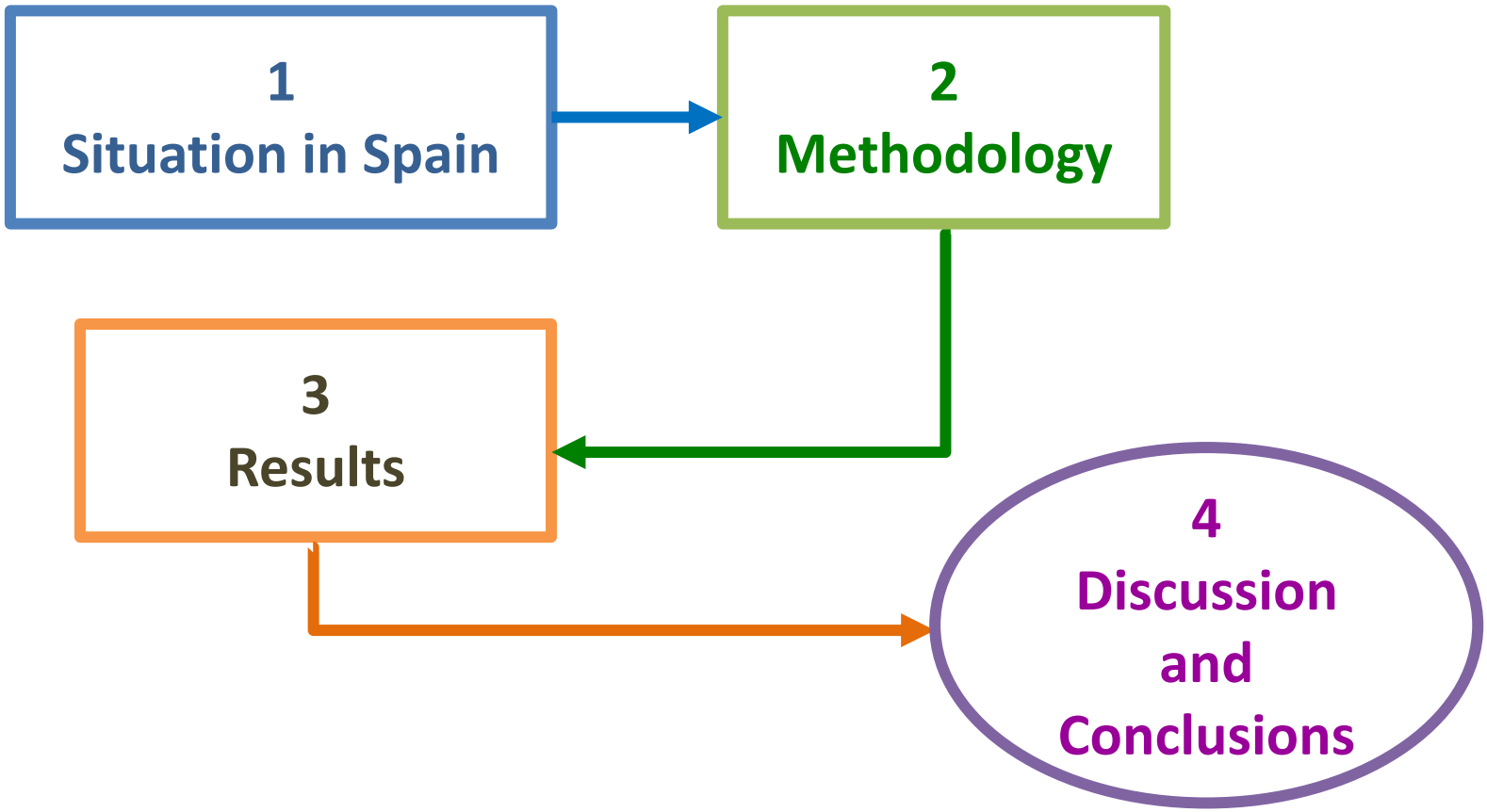
UNIVERSIDAD DE BURGOS

UCM: Founded in XVI century.
+ 70,000 students approx.
6,000 Univ. professors approx.

URJC: Founded in 1996
+ 30,000 students approx.
1,400 university professors approx.

UBU: Founded in 1994
+ 6,500 students approx.
800 university professors approx.

Structure


1
Situation in Spain
2
Methodology
3
Results
4
Discussion
and
Conclusions

Situation in Spain

Legislation

Methodology

Instrument

- ✓ An on-line survey coordinated by **Serap Kurbanoğlu**
  Joumana Boustany

Our Sample

- ✓ Research professors and student research fellows at:
  - ❖ **UCM**
  - ❖ **URJC**
  - ❖ **UBU**

Total Questionnaires

3,799

- ❖ **UCM 2,740**
- ❖ **URJC 634**
- ❖ **UBU 425**

Number Responses:

Received:

- ❖ **828**

Fully completed

- ❖ **591**

Results

DEMOGRAPHIC RESULTS

Questionnaires
Research academic staff

501 **(84.6%)**

Questionnaires
Student research fellows

90 **(15.2%)**

Demographic Results 1

Table 1. Demographic data of respondents

	Number	Percentage
Gender		
Female	269	45.5
Male	316	53.5
Age		
18-25	17	2.9
26-35	85	14.4
36-45	159	26.9
46-55	198	33.5
56-65	113	19.1
65+	18	3
No reply	1	0.2

Profesor's group

82.5% older than 36 years age and men

Student group

100% less than 30 years old and men

Years involved in research

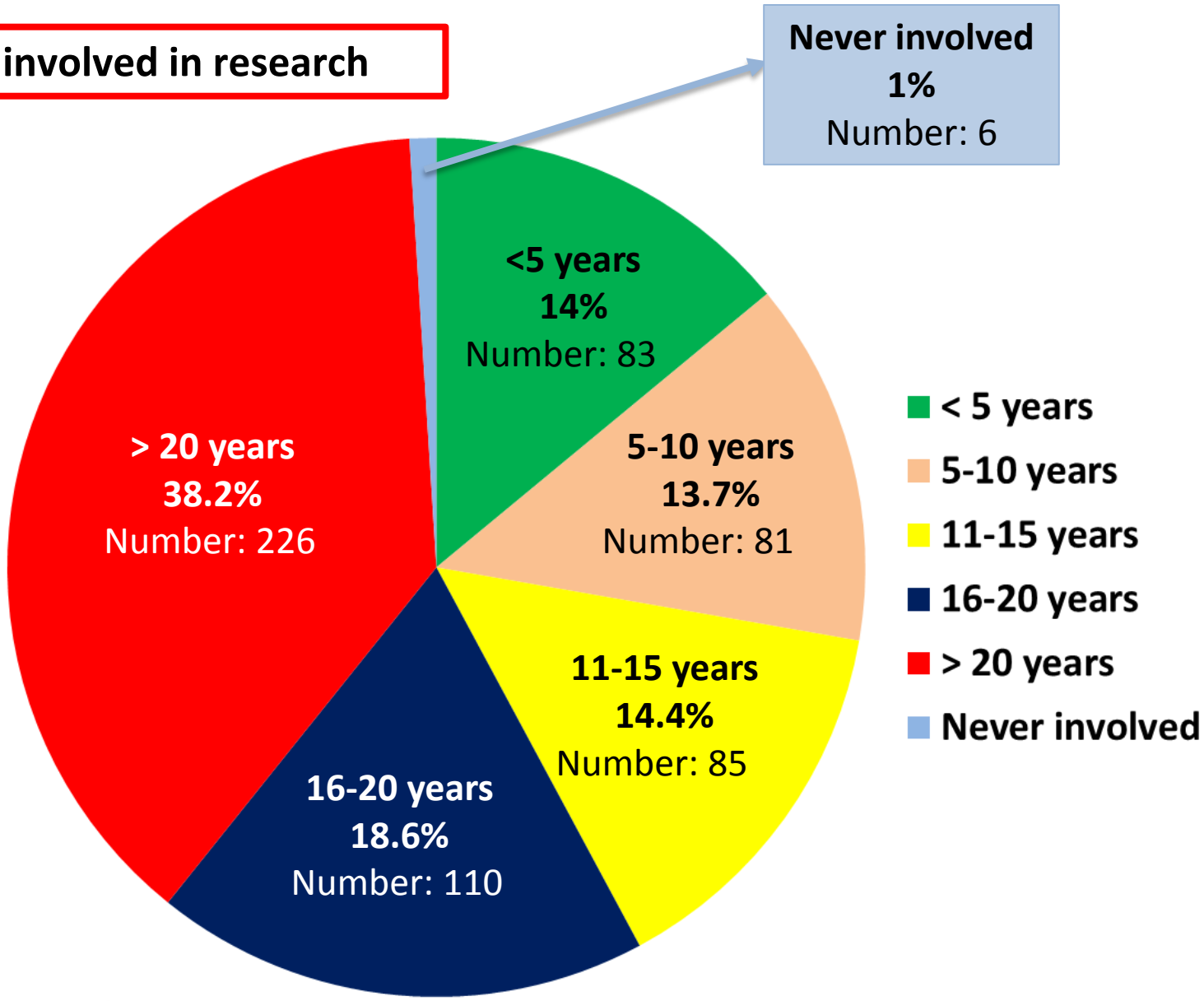


Table 3. Work discipline

	Number	Percentage
Agriculture Science	13	2.2
Engineering	42	7.1
Humanities	71	13.1
Medical and Health	66	11.1
Natural Sciences	145	24.5
Social Sciences	209	35.3
Other	45	7.6

DATA FILES AND STORING DEVICES RESULTS

TYPE OF DATA FILES AND STORING DEVICES

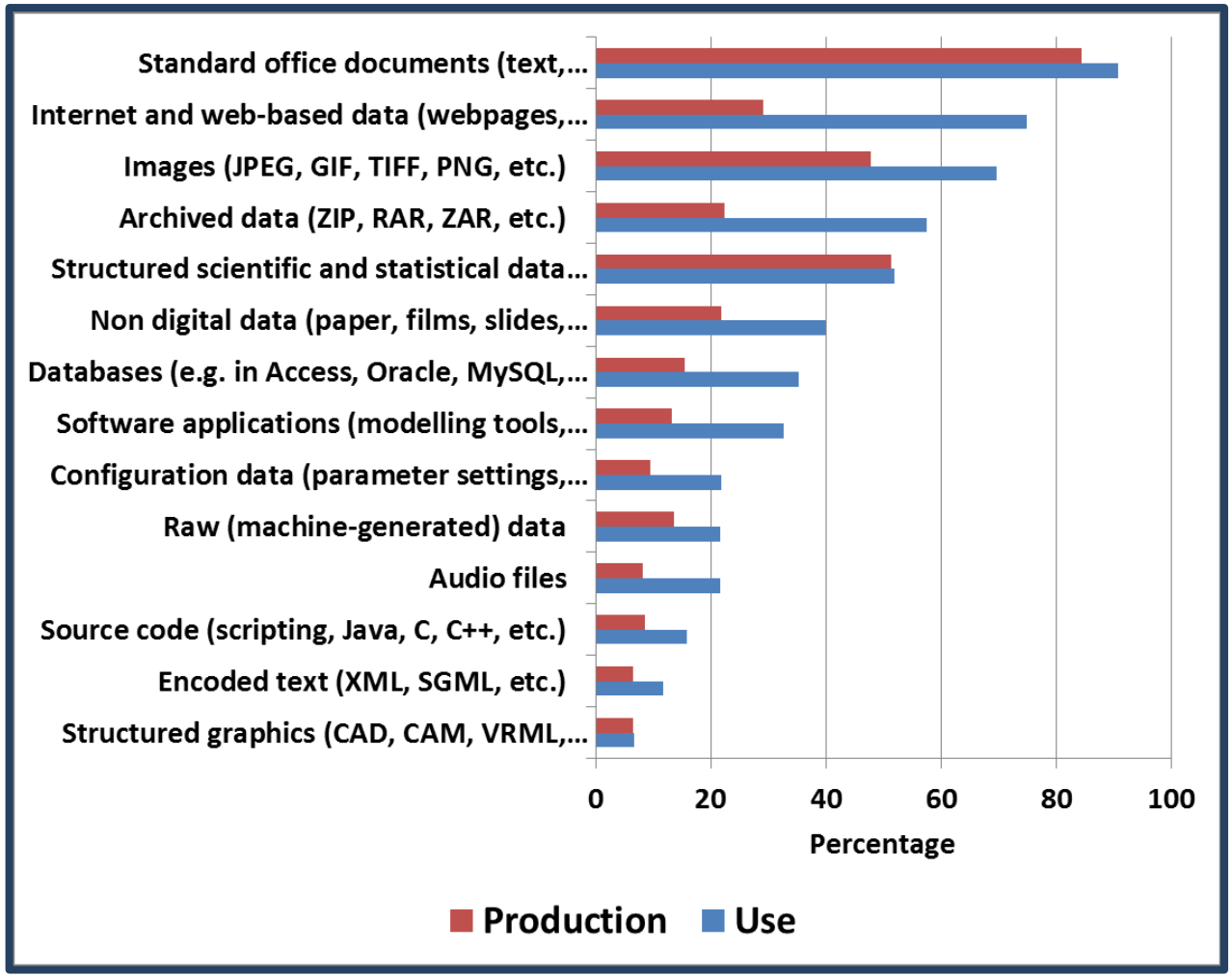


Fig. 1. Type of data files used and produced in research

DATA MANAGEMENT PLAN (DMP) RESULTS

Results DMP 1

DATA MANAGEMENT PLAN (DMP)

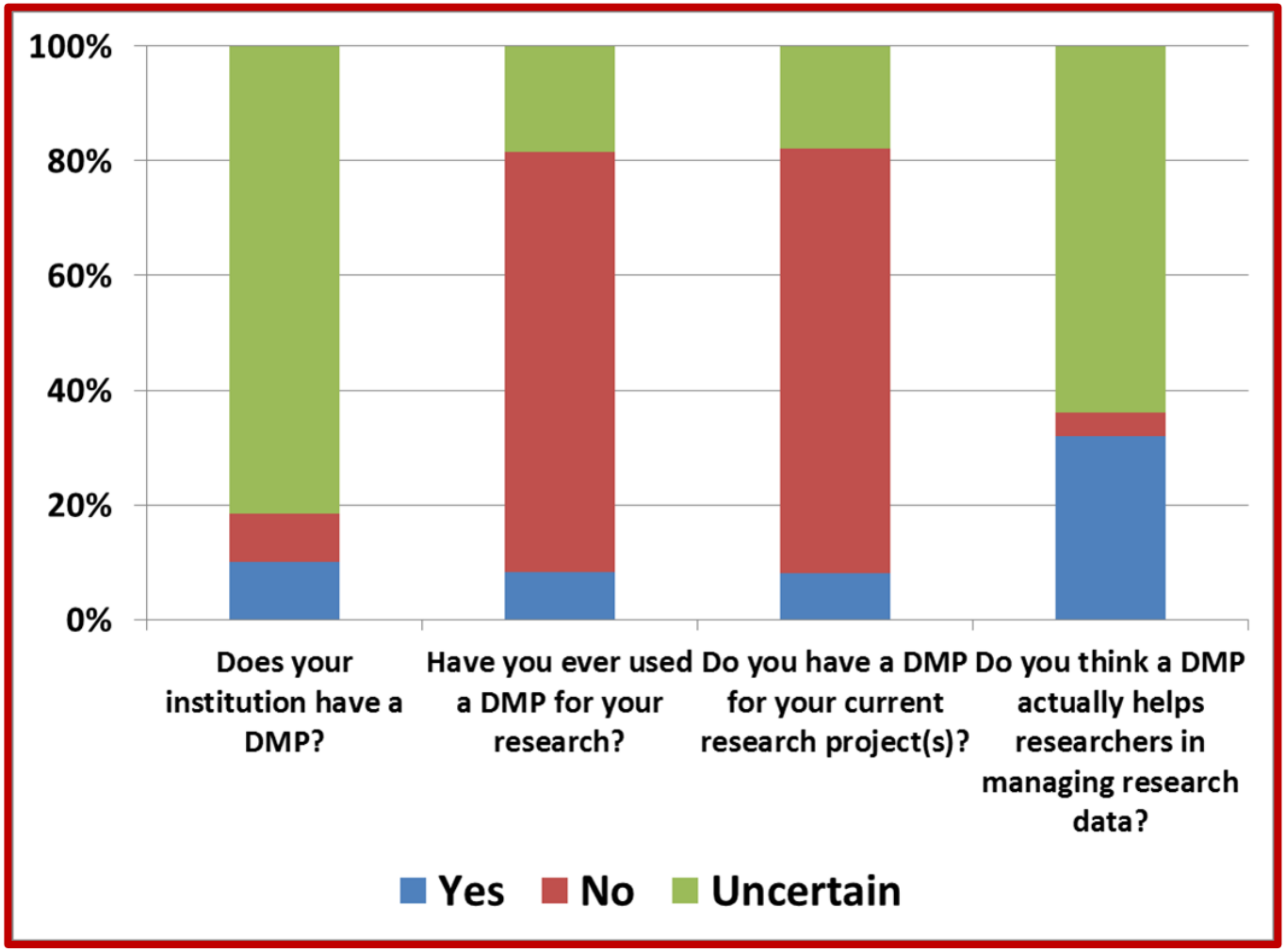


Fig. 2. Opinions about DMP

KNOWLEDGE AND USE METADATA RESULTS

Results metadata 1

KNOWLEDGE OF METADATA

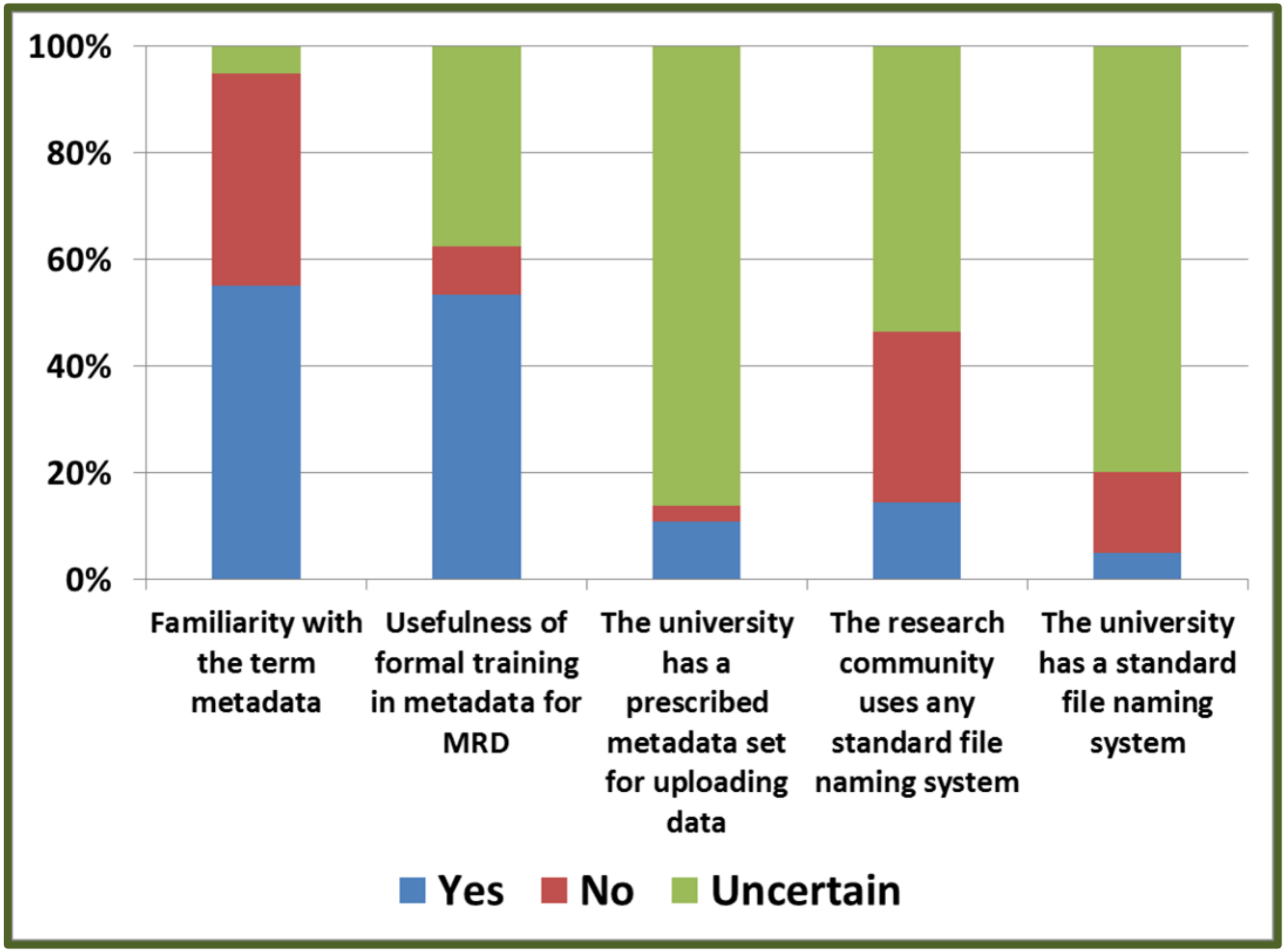


Fig. 3. Opinions about knowledge of metadata

Results metadata 2

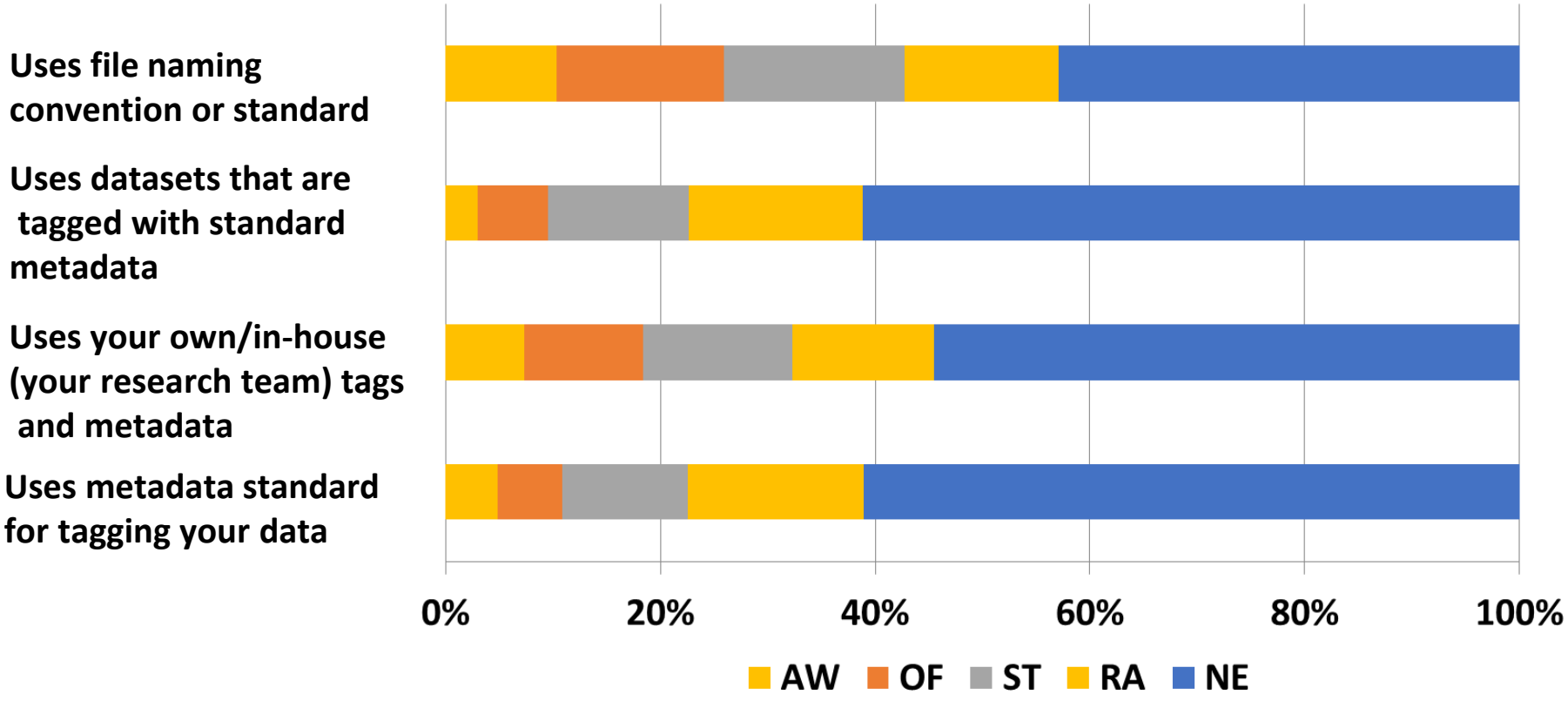


Fig. 4. Use of metadata. AW (Almost Always), OF (Often), ST (Sometimes), RA (Rarely), NE (Never)

DATA LITERACY TRAINING RESULTS

DATA LITERACY TRAINING

Results training 1

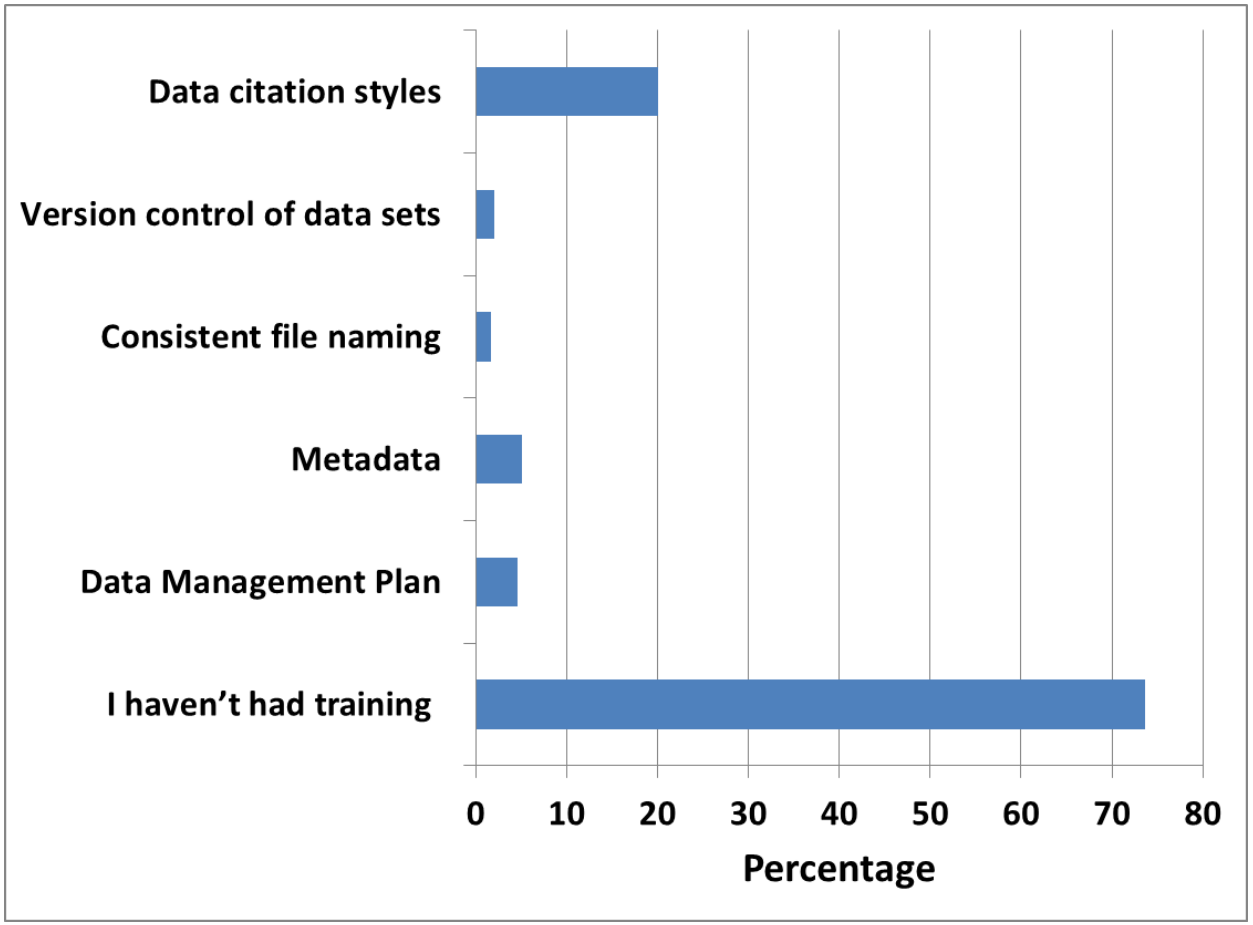


Fig. 5. Formal training received in various areas of data management

DISCUSSION AND CONCLUSIONS

Our Study

¿DMP???

Metadata…

Final conclusion

A growing need → **For data management** = **The necessary training** → **For better quality and more competitive research**

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