

Research Integrity and Data Management @ERIM

Organisation and Personnel
Management, RSM

Miriam Braskova, 29.10.2019

Topics for today

- What and Why
 - Research integrity (RI)
 - Data management (DM)
- Tools, expertise & policies available
- What future holds



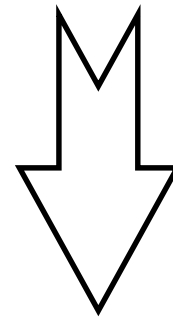
What and Why RI



- **active** adherence to the ethical **principles** and professional standards essential for the responsible practice of research [1]
- conducting research in a **way** which allows others to have **trust and confidence** in the methods used and the findings that result from this. Within the University, conducting research with integrity also means meeting the professional standards [2]

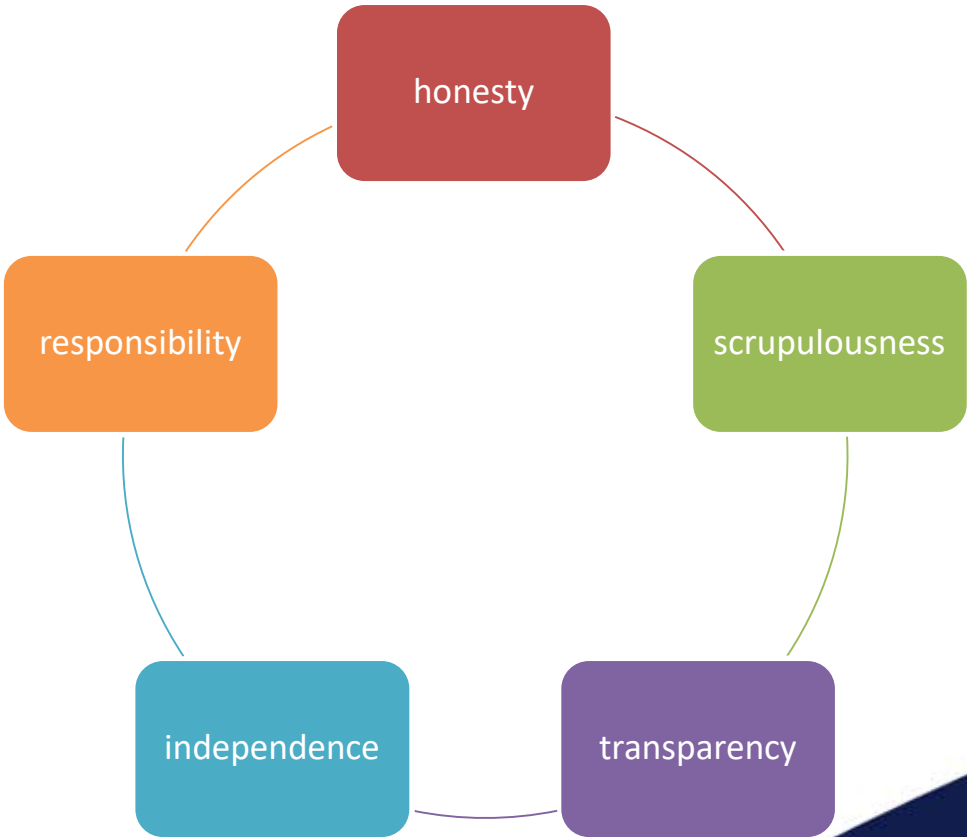


“Research in the sciences and the humanities derives its status from the fact that it is a process governed by standards” [3]



Methodological

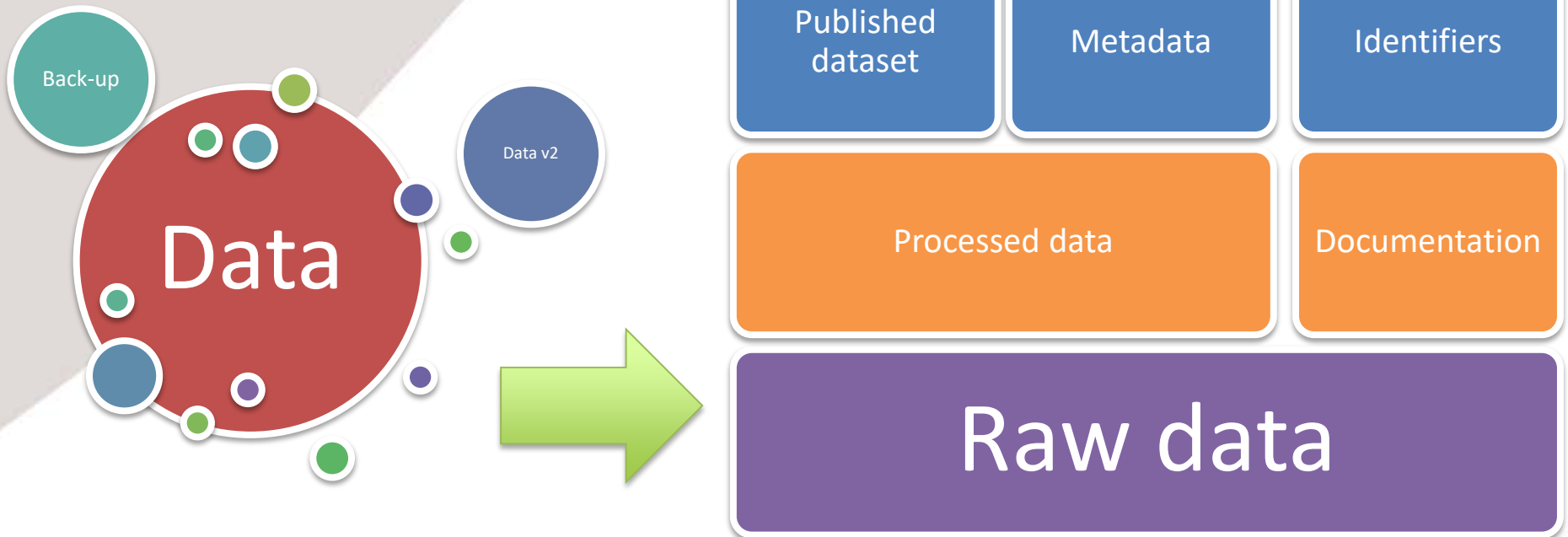
Ethical







What and Why DM



Why DM

- Internal benefits
 - Current - effective research design, data collection, analysis and publishing
 - Future – [FAIR](#) (Findable-Accessible-Interoperable-Reuseable) data
- External benefits
 - Transparent/open
 - Identified, cited, tracked
 - Reproducible and replicable
 - Meeting international standards
 - Compliant with policies (e.g. funder, journal)



Tools and Expertise

Tools available

- Data transfer - [SURFfileSender](#)
- [Working storage](#) - SURFDrive, Dropbox
- DMP template
- Data publication - [ERIM/EUR data repository](#)
 - DOI + authorship
 - Citable and trackable
 - for all types of research outputs (data, SW, schema, protocol, case study, ...)

Expertise available

- Data Steward
 - consult and support your data management needs during whole research lifecycle:
 - Funding
 - Preparation
 - Analysis
 - Publication
 - Archiving
 - Liason with other relevant parts of organisation and represent your voice and DM needs
- Other expertise - Legal Counsel, Software Engineering & Consulting, Privacy Officer

Policies available

- Netherlands [Code](#) of Conduct for Research Integrity
- ERIM policies
 - [TOP 10 to DO](#) Basic Privacy and Security for Your Data
 - Basic Principles for [Responsible Research Data Management](#)
 - [Personal Data and Privacy Impact Assessment](#) in Research

RI/DM for PhDs

Preparation

- Welcome day teaser(s)
- Scientific Integrity course
- Research data management workshop

1st year assessment

- Research data management plan – prepare, review, submit

Mid-term evaluation

- Research data management plan – review, re-submit
- Privacy assessment report – if applicable
- Ethical review approval – if applicable

Research outputs

- apply FAIR (Findable, Accessible, Interoperable, Reusable) principle
- Be in line with journal policies
- Manage research towards reproducibility
- Strive for open science – open access publishing (RePub), open research data (EUR data repository)



What future holds



Future Plans & Ideas

- DM introduction presentations
- DM survey/interviews
- Any DM challenge? Speak up!



Have a DM question? Get in touch!



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