

GUTS RDM Handbook

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Welcome

This is the website for the **Research Data Management (RDM) Handbook** of the **Growing Up Together in Society (GUTS)** consortium.

The goal of the GUTS RDM Handbook is to bring everything about data collection, data management, and data handling in the GUTS consortium together in a central and easily searchable place. First and foremost, the goal is to facilitate data management within the GUTS consortium. Second, we hope that this handbook might be useful for other projects. We are building upon resources and wisdom of many others, we hope to pay it forward by making this resource openly available.

The GUTS consortium investigates youth from the perspective of societal neuroscience, and combines insights and expertise from neuroscience, psychology, psychiatry, and sociology. The consortium is funded by a Gravitation grant from the Ministry of Education, Culture and Science for a ten-year period (2023-2033). To learn more about GUTS visit <https://growinguptogetherinsociety.com/>.

Part I

Why invest in RDM?

The first part of this handbook provides background on why it is important to invest time and resources in Research Data Management in a project like GUTS.

1 The benefits of good RDM

[Research Data Management](#) (RDM) considers the organisation, storage and preservation of data created during a research project. It covers a wide range of activities such as initial planning, day-to-day processes and long-term archiving and sharing. This means that the list of benefits of doing this well is quite extensive as well. Here we provide a non-exhaustive list of benefits:

- proper data storage and backup prevents data loss
- making data understandable for others (and your future self) allows reuse and collaboration
- proper data management is key to Open Science, since transparency and reuse of data is only possible using well-documented data
- good RDM also helps to prevent misconduct since it helps to show the integrity of the data collection process
- it makes research go more smoothly, allowing you as a researcher to focus on the problems of science rather than data administrivia (Briney, Coates, and Gobin 2020)