Sharing Data Is Important

- Sharing Data Saves Lives
- Cultural changes towards openness changes ways of doing science
- Research publications, protocols and methods and data available to be utilised by others
- New research ideas are born
- New ways to collaborate, internationally too!
- New research made possible by existing data sets
- Reproducability of research results
- Publications advance research activities elswhere.
- Semantic Interoperability (Using the same terms to mean the same thing)
- Faster validation and verification of results possible
- Reduces fraud
- Increased impact of science
- Increased profile of reseacher who created dataset
- Increased profile of subject area
- Active scientific debate created
- Citizens' trust in science increased

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Why don't people share knowledge?

- Don't want a mistake to be found
- Don't want to be scooped
- Not enough time
- Data is messy, needs to be formatted and made presentable
- Don't have a way to share data!
- Aren’t allowed to share data (private patient information, permissions etc)
- Don’t have the data any more
- Don’t want the data to be misused.

How can scientists share knowledge?

- Share their data. e.g in public data repositories
- Share their code, e.g in open source repositories such as github
- Use standard data formats
- Publish in “open-access” journals
- Use open source software!
- Communicate through social media, e.g. Twitter

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