Analysing and Improving **Data Quality** by an Interactive Interface for Quality Metrics

FAIRagro Community Summit 17.06.2024

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In cooperation with



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What do we know?

Data quality

- refers to dimensions such as accuracy, consistency, and completeness 1.
- depends on the intended **purpose** (fitness-for-purpose) 2.
- can be mapped by quality criteria and metrics 3.
- is essential to ensure the **reliability** and **trustworthiness** of a product 4.
- saves time and money 5.

Lacagnina et al. (2023)

17.06.2024





A Survey on Data Quality in the Application of Agricultural System Data

Data quality

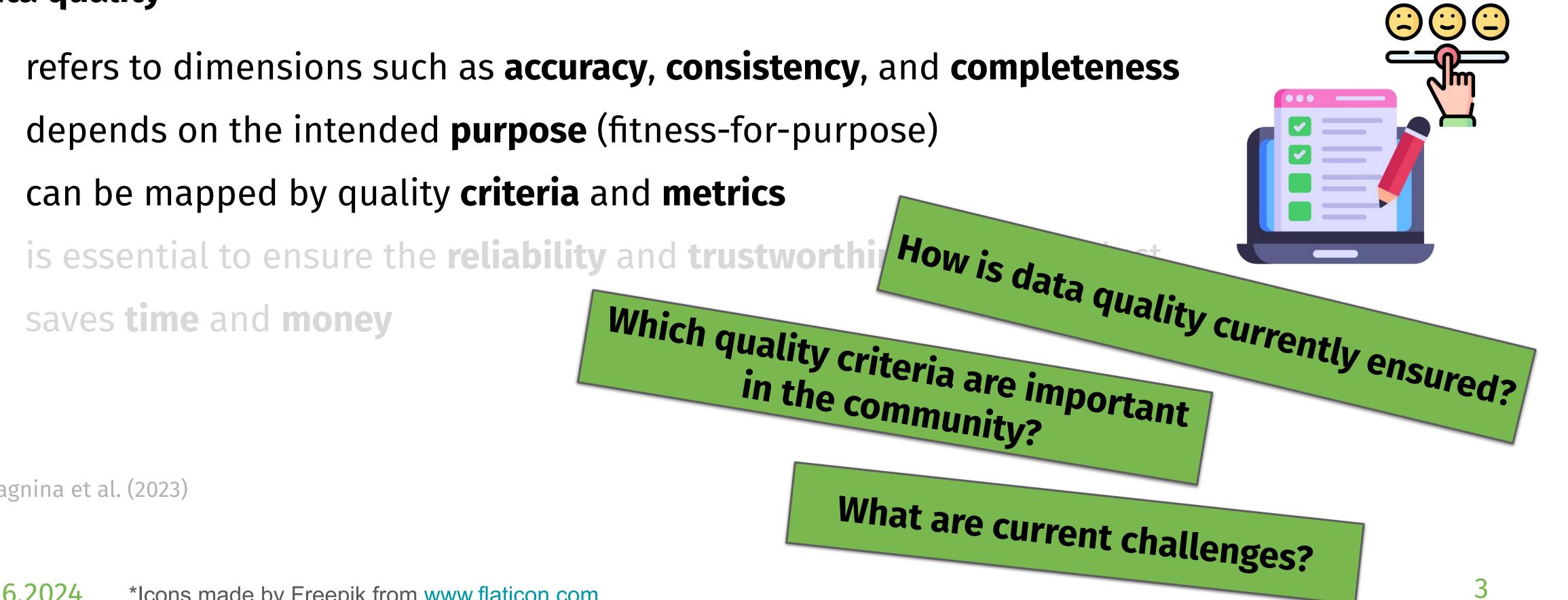
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- 3.



Lacagnina et al. (2023)

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An **Interactive Interface** for Analyzing and Visualizing Data Quality

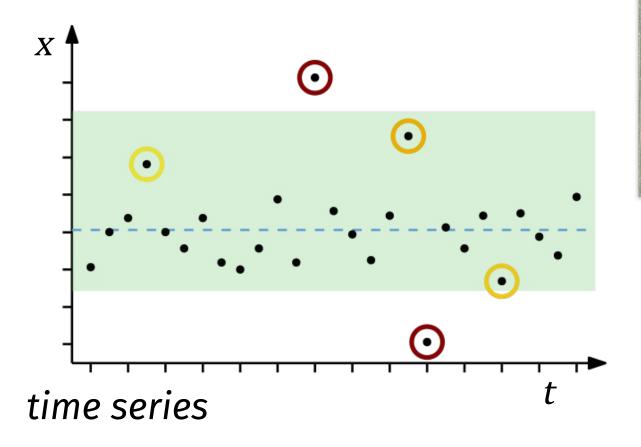
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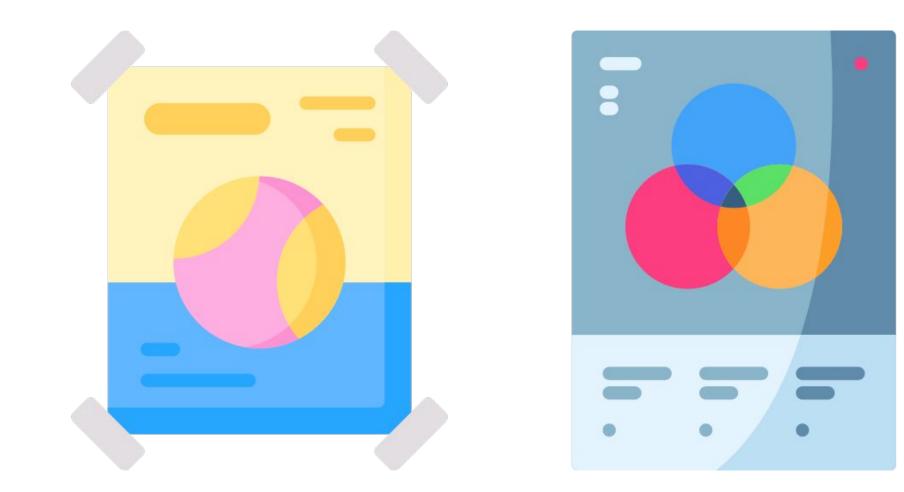




Poster Session

Data Quality and Metric for Agrosystem Science

DPG





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Poster Session Data Quality and Metric for Agrosystem Science

- 1. Survey results: Data quality in the application of agricultural system data
- 2. An Interactive Interface for Analyzing and Visualizing Data Quality
- 3. UC1 Exploiting genotype × location × year × management interactions for sustainable crop production Prototype of curation pipeline for genomic and phenotypic data
- 4. Research Data Quality in the Historically Oriented Humanities: Practices and Needs
- 5. Don't Be Scared Of The Big Bad Wolf: A Call To Improve Licensing Landscapes In Agro Science Repositories

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Literature

Oliver et al. (2023): TOWARDS A DATA QUALITY FRAMEWORK FOR EOSC: Zenodo. Online verfügbar unter https://zenodo.org/records/7515816.

*Icons made by Freepik from <u>www.flaticon.com</u>





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