

TITLE: Data Availability Statements in the 2020 and 2021 scientific publications of Tampere University.

RELATED DATASET: 2023_DAS_TAU_dataset.csv

RELATED PUBLICATION: Tutkimusdatan saatavuustiedot tieteellisissä artikkeleissa: Raportti Data Availability Statementien käytöstä Tampereen yliopistossa.

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DATA SOURCE: TUNICRIS - Tampere University research information system and analyzed publications.

DESCRIPTION AND METHODOLOGY: For this dataset, scientific peer-reviewed articles by Tampere University researchers from the years 2020 and 2021 were extracted from the TUNICRIS. A random sample of 40 percent was taken from the listed 4,922 publications according to faculties and years. There were 2,085 analyzed articles, i.e. more than 42 percent of the total number.

To find Data Availability Statements, articles were opened one by one and searched for mentions of research data and its availability. For each article, it was written down whether DAS existed and where in the article it was located. From the contents of DAS, information about data availability, location, openness and possible restrictions on use was written down.

Dataset also includes information about the journals and publications taken from TUNICRIS.

The prevalence of DAS and data openness were examined in relation to different variables. Tampere University faculty information has been removed from the dataset.

INFORMATION ABOUT DATA FILES:

- **IDENTIFIER:** 10.5281/zenodo.7564441
- **LOCATION:** Zenodo
- **DATES:**
 - Project start-end: 2022-2023
 - Data collection year: 2022
 - Data publication year: 2023
 - Data range: years 2020 & 2021
- **SUBJECT:** scientific journals, data availability statements, research data, availability, universities
- **FILE FORMATS:** .csv

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LANGUAGE: English

RECOMMENDED CITATION: Kylmä, K. & Toikko, T. (2023) Data Availability Statements in the 2020 and 2021 scientific publications of Tampere University. Zenodo. DOI: 10.5281/zenodo.7564441

VARIABLES:

Column	Definition
DOI	The DOI of the publication.
Article Title	The title of the publication.
DAS	Indicates whether the publication has a Data Availability Statement. 1 = yes, 0 = no.
DAS-location	The location of DAS within the article.
Archive	Archive or location where the data mentioned in DAS has been deposited.
Data Available on Request	Indicates whether data is available on request. 1 = yes, 0 = no.
Data Sharing Restrictions	Indicates whether there are restrictions to data sharing for data mentioned in DAS. 1 = yes, 0 = no.
Data Sharing Restrictions - Clarification	Clarifies the reasons for data sharing restrictions, as mentioned in DAS.
Data Not Available	Indicates whether data unavailability is explicitly stated in DAS. 1 = data not available, 0 = data is available or data unavailability is not mentioned.
Data Not Available - Clarification	Clarifies why data is not available, as mentioned in DAS.
Open Data	Indicates whether some of the data used in the publication is open, as mentioned in DAS. 1= yes, 0 = no.
Year	The year of the publication.
Journal	The title of the journal.
Language	The language of the publication.
International Co-publication	Indicates whether the publication has international co-operation. International co-operation = at least one of the authors is affiliated in a non-Finnish organization. 1 = yes, 0 = no.
Co-publication with a Company	Indicates whether the publication has co-operation with a company. Based on affiliations of authors as mentioned in the article. 1 = yes, 0 = no.
International Publisher	Indicates whether the publisher of the journal is international. International = located outside Finland. 1 = yes, 0 = no.
Open Access	Indicates Open Access status. Self-archiving not included.
Publication Forum Level	The level of publication channel in the Finnish Publication Forum system (https://ifp.csc.fi/)