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## Plan Overview

*A Data Management Plan created using DMPTuuli*

**Title:** Who is Excluded from Gender Equality in Elite Sport: A Transdisciplinary Study of Generational Culture Shifts in Sporting Ambition, Parenting, and Identity (SportEX)

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**Funder:** Ministry of Education and Culture

**Template:** Academy of Finland data management plan guidelines (2021-2023)

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### Project abstract:

While gender equality is a cornerstone value of the Finnish society, the recent evaluation of the Finnish sport culture conducted by the Ministry of Education and Culture (2022) indicates that many sectors do not reach the gender equality benchmark. Exclusionary practices based on gender identity in sport are not only misaligned with the societal values, but also associated with mental illbeing, compromised safety, and subsequent disengagement of sportspeople from talent development environments. We investigate the gendered generational shifts in personal values and meanings related to sporting ambition, parenthood, and identity to gain deeper understandings of how certain identities and experiences are excluded, and by which mechanisms, from the elite sport space. This project stems from the premise that the gender equality goal can only be achieved through gender equity that accounts for intersectionality of gendered identities in the distribution of resources. The proposed action is carried out in collaboration with different groups of stakeholders to co-produce practical recommendations for ensuring meaningful cultural change and social justice in sports policy and organizations.

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# Who is Excluded from Gender Equality in Elite Sport: A Transdisciplinary Study of Generational Culture Shifts in Sporting Ambition, Parenting, and Identity (SportEX)

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## 1. General description of data

**1.1 What kinds of data is your research based on? What data will be collected, produced or reused? What file formats will the data be in? Additionally, give a rough estimate of the size of the data produced/collected.**

Data collected in phases over time will include: policy documents, single survey of various stakeholders, individual interviews, focus group interviews, ethnographic data generated by group ethnography of an elite development environment, longitudinal Dual Career study follow-up.

-Policy documents - stored in .pdf, .docx, and .rtf

-Questionnaire data will be digitalised into Microsoft Excel worksheets and Microsoft Word documents.

-Ethnographic and interview data will be digitalised into video or audio recordings .mp4 and .mp3 format, photographs .JPEG, .PNG and Microsoft Word documents.

Quantitative data will be processed and analysed using SPSS and Mplus statistical programmes. Qualitative data will be handled using ATLAS.ti and Microsoft Word and Excel documents.

**1.2 How will the consistency and quality of data be controlled?**

The research material will be carefully handled by trained personnel, documented and stored on the servers of the Information Manager Center of JYU. Quality of data will be ensured by training the persons performing tasks and by using checksums to ensure that data are not corrupted when copying, transmitting and saving data.

## 2. Ethical and legal compliance

**2.1 What legal issues are related to your data management? (For example, GDPR and other legislation affecting data processing.)**

We must take GDPR into account when collecting and processing our data. Most notably, we must follow articles 13, 14, 30, 6.1e, and 9.2j in processing our data for research purposes only. In addition, we must take the rights of the participants into account, most notably articles 7, 15, 16, 17, 18, and 21. We also must inform our participants of their rights. In regards to following all the necessary legislation, we will consult the university's data protection specialist in order to ensure that we do not miss anything.

The information sheet about the study and the privacy notice are available on the project website

<https://r.jyu.fi/SportEX>

**2.2 How will you manage the rights of the data you use, produce and share?**

Ownership of the project data belongs to the University of Jyväskylä and the PI (Tatiana Ryba). Data sharing agreements for the purpose of analysis and publishing research outputs will be formalised.

## 3. Documentation and metadata

**3. How will you document your data in order to make the data findable, accessible, interoperable and re-usable for you and others? What kind of metadata standards, README files or other documentation will you use to help others to understand and use your data?**

Metadata of the project will be posted on Converis once it is ready. The data will be stored on an encrypted hard drive as well as the university's NextCloud. We have agreed upon a folder system for this data and will follow that system in the future. Additionally different folders have a text file explaining the type of data available in said folder.

Processed data will have designated folders at each phase. Information on data availability will be updated upon manuscript submission.

## 4. Storage and backup during the research project

**4.1 Where will your data be stored, and how will the data be backed up?**

The data for this project will be stored on the principal investigator's University cloud account (NextCloud) as well as a separate, physical hard drive. The hard drive is encrypted, and all sensitive data are hidden behind a password.

**4.2 Who will be responsible for controlling access to your data, and how will secured access be controlled?**

The principal investigator holds primary responsibility for controlling access to the data. We have agreed that no data will be shared without their consent. When data is shared, it is shared after getting permission and then sharing either on an encrypted and password protected USB stick or on NextCloud, which is behind a university account, password, and mobile verification.

## 5. Opening, publishing and archiving the data after the research project

### 5.1 What part of the data can be made openly available or published? Where and when will the data, or its metadata, be made available?

The single survey data on EDI will be anonymised by 20.12.2023. After the process is finished, the data will be handed over to University of Jyväskylä's Open Data Repository (JYX) for storage. Interview data, which participants consent to archive, will be anonymised and archived at the end of the study. Metadata of the project will be made available on Converis.

### 5.2 Where will data with long-term value be archived, and for how long?

The anonymised data will be permanently archived in the Open Data Repository (JYX) under the University of Jyväskylä.

## 6. Data management responsibilities and resources

### 6.1 Who (for example role, position, and institution) will be responsible for data management?

1. Tatiana Ryba, the project PI, Adjunct Professor, University of Jyväskylä.
2. Asko Tolvanen, Professor, University of Jyväskylä.
3. Natalia Korhonen, Research assistant, University of Jyväskylä.

### 6.2 What resources will be required for your data management procedures to ensure that the data can be opened and preserved according to FAIR principles (Findable, Accessible, Interoperable, Re-usable)?

All identifiable data must be removed, and the data must be made completely anonymous. This will require time and attention to detail from the members of the research team responsible for the removal process and will be ongoing. Additionally, we must comb through the data and discuss elements of it with the participants to ensure the data will not only be anonymous, but also still usable. Final preparation of the data for archiving and publishing metadata will require about 30 hours.