Was the result of the World Cup Fixed?

VU is conducting research to help identify match fixing!

10 Sports Science Data Things: Home

| Home | Thing 1 | Thing 2 | Thing 3 | Thing 4 | Thing 5 | Thing 6 | Thing 7 | Thing 8 | Thing 9 | Thing 10 |

About this Guide

10 Sports Science Data Things is a self-paced learning program that provides an opportunity to explore issues surrounding management of research data, specifically for research students/researchers working with sports science data.

The activities in this learning program contribute to you completing your own data management plan and help you better manage your data.

Why Sports Science? Victoria University has a strong reputation in this field and is known for producing high impact research. Much of this research is data intensive and aims to solve big picture, real-world problems and to forge partnerships with government and industry.

The Library seeks to engage with researchers around data which, through better management, can help them

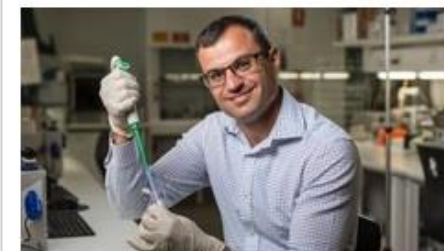## Better research through richer data assets

Copyright © 2018. Victoria University

Research data collections may become more valuable over time or in new contexts, but this does not happen by chance. Research data are increasingly being seen as an asset in their own right. This guide will provide guidance on adding value to the data you collect as part of your research project.

Sports Science Researcher Profile

Associate Professor Nir Eynon

Copyright © 2018. Victoria University

PhD with Distinction (Portugal), M.P.E (Israel), BEd (Israel)

Australian Research Council Early Career Fellow (DECRA) / Senior Lecturer

Nir uses Large scale physiological data (omics e.g. transcriptomics, metabolomics); descriptive physical data e.g. heights, weights, ages; smaller scale biophysical measurements e.g. blood

http://libraryguides.vu.edu.au/10-Sports-Science-Data-Things/

Are the data management needs of sports researchers different from other disciplines?

Victoria University Biomechanics Lab

What our researchers say:

"We need to change the culture in ISEAL. Most of the researchers are not sharing data and are not open minded to this. In my area (genomics) it is compulsory to share data."

"I asked around and nobody shares data even after publication. It is not part of the ethics, on the contrary the ethics does not allow public sharing of data. So no one is doing it."

"For me Thing 6-data citation is the critical one as we are all being evaluated on citations... (we need) a strategy around increasing each other's and the institute citations."

Next Steps?

10 Sports Science Data Things: Thing 5

Search this Guide [ ] Search

Home | Thing 1 | Thing 2 | Thing 3 | Thing 4 | **Thing 5** | Thing 6 | Thing 7 | Thing 8 | Thing 9 | Thing 10

Thing 5: What are funders and publishers saying about data?

Data sharing policies are becoming increasingly common in Australia and internationally. Learn why research funders and journal publishers are particularly influential when it comes to encouraging data availability.

Sport science journal data policies

Two exciting things are happening with data and journal publishers. More and more journal publishers are asking authors to make the data underpinning a journal article available. And, new forms of data publishing are emerging: data journals.

Data Friendly Policies	Data Silent Policies
A data-friendly policy is one which requires or encourages description and attaching of data, or a statement about providing access to data underlying journal results.	A data-silent journal is one which makes little mention or requirement to make data available upon request, nor encourages the lodgment of data into a repository for reuse.
Sports Science Journals: • British Journal of Sports Medicine • Sports Medicine • Sport Management Review • Arthroscopy - Journal of Arthroscopic and Related Surgery • Sports Sciences for Health (Data Policy - Type 2) • Journal of Exercise Science and Fitness • BMC Public Health (Data Policy - Type 3)	Sports Science Journals: • American Journal of Sports Medicine • Exercise Immunology Review • Journal of Bone and Joint Surgery - Series A • Medicine and Science in Sports and Exercise • Exercise and Sport Sciences Reviews International Journal of Sports Physiology and Performance • Journal of Athletic Training

Examples of some data friendly policies:

British Journal of Sports Medicine data policy includes:

We encourage authors to include a data sharing statement when submitting their article, explaining:
What additional unpublished data from the study—if any—are available
Who can access the data
How to obtain the data

The data policy for **Sports Medicine** includes (Click: Instructions for Authors: Research Data Policy):

A submission to the journal implies that materials described in the manuscript, including all relevant raw data, will be freely available to any researcher wishing to use them for non-commercial purposes, without breaching participant confidentiality.

BMC Public Health data policy states:

Data sharing encouraged and statements of data availability required

Activity 1: What is your favourite sports science journal? Do you know what their data policy is?

Look up your favourite sports science journal and see what the advice the journal gives on related data.

Send your findings to the Research Services Librarian (cameron.barrie@vu.edu.au). Cameron can add your findings to the List of Data Policies - Sports Science Journals.

http://libraryguides.vu.edu.au/10-Sports-Science-Data-Things/Homepage