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### Panel Discussion 2 | The development of CUHK Research Data Repository at the Chinese University of Hong Kong

Wendy H. Y. WONG

*Chinese University of Hong Kong*

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# The Development of CUHK Research Data Repository at The Chinese University of Hong Kong (CUHK)

26 Oct 2021

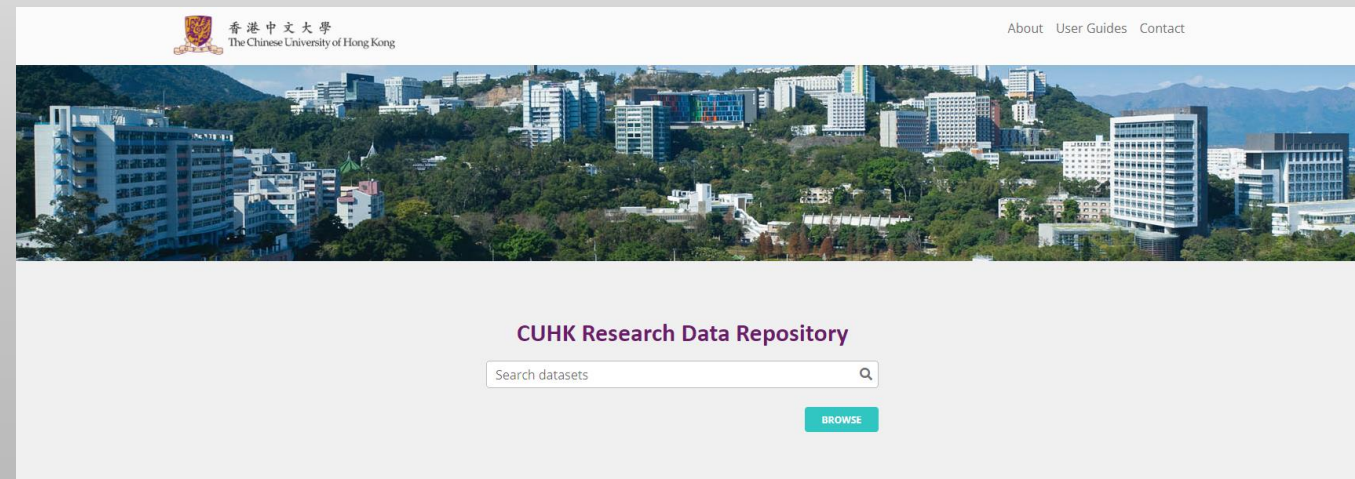
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Wendy H.Y. Wong

Research Data Librarian, CUHK Library

# Institutional Research Data Repository: CUHK Research Data Repository

- Dataverse: open-sourced software
- <https://researchdata.cuhk.edu.hk>
- Setup and enhancement in progress
- Soft launch: Oct 2021 (datasets uploaded by Library), Dec 2021 (uploaded by users)



# CUHK Research Data Repository Features

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## Available features

- Standard installation
- Customized URL, landing page and repository
- Searching
- Data citation (DOI for datasets)
- Guestbooks
- Request access and contact dataset owners
- Data metrics
- Repository Guide
- Google Analytics



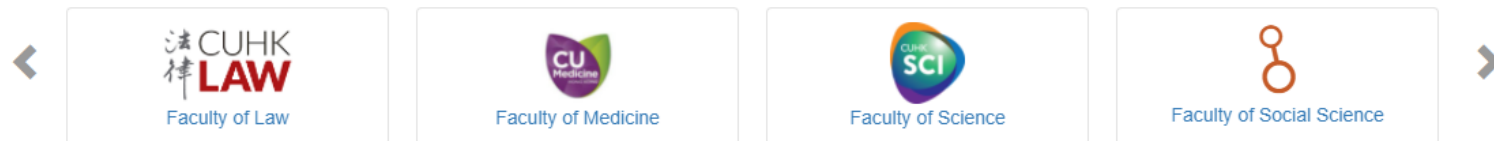
# CUHK Research Data Repository

(Chinese University of Hong Kong)

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CUHK Research Data Repository



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**Folder Category**  
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**Publication Year**  
2021 (115)

**Author Name**  
Lee, Eric Kam-Pui (4)  
Wong, Samuel Yeung-Shan (3)  
Bo, Yacong (2)  
Kwok, Kin-On (2)  
Yu, Chun-Pong (2)

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Florrie Fei Yin NG Research Group  
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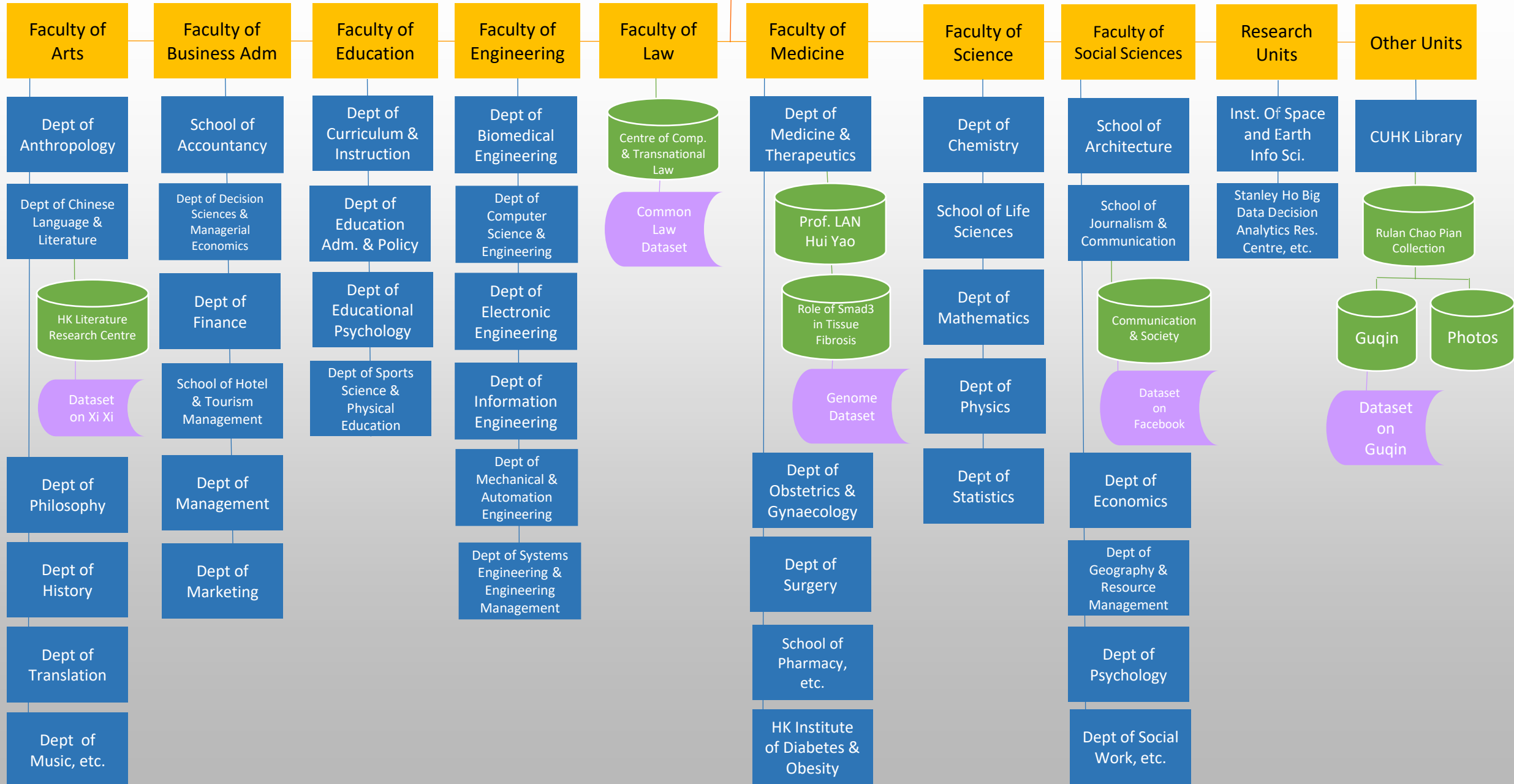
Comparison between automated office blood pressure measurements and manual office blood pressure measurements—Implications in individual patients: a systematic review and meta-analysis  
Oct 12, 2021 - Eric Kam Pui LEE Research Group  
Bo, Yacong; Kwok, Kin-On; Chu, Kareen Ka-Yin; Leung, Eppie Yu-Han; Yu, Chun-Pong; Wong, Samuel Yeung-Shan; Lee, Eric Kam-Pui, 2021, "Comparison between automated office blood pressure measurements and manual office blood pressure measurements—Implications in individual patients: a systematic review and meta-analysis", <https://doi.org/10.48668/GRFSVN>, CUHK Research Data Repository, V1

This data archive contains the data used to produce the manuscript in Journal of Hypertension titled "Comparison between automated office blood pressure measurements and manual office blood pressure measurements—Implications in individual patients: a systematic review and meta-an..."

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# Hierarchy of the Repository

## CUHK Research Data Repository



# Folder for Researcher

## Eric Kam Pui LEE Research Group

CUHK Research Data Repository > Faculty of Medicine > The Jockey Club School of Public Health and Primary Care > Eric Kam Pui LEE Research Group

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Datasets supporting publications and related projects by Prof. Eric K. P. Lee and co-authors.

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[Folders \(0\)](#)

[Datasets \(4\)](#)

[Files \(11\)](#)

### Publication Year

2021 (4)

### Author Name

Lee, Eric Kam-Pui (4)

Wong, Samuel Yeung-Shan (3)

Bo, Yacong (2)

Kwok, Kin-On (2)

Yu, Chun-Pong (2)

[More...](#)

### Subject

Medicine, Health and Life Sciences (4)

### Keyword Term

ambulatory blood pressure measurement (2)


meta-analysis (2)

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Comparison between automated office blood pressure measurements and manual office blood pressure measurements—Implications in individual patients: a systematic review and meta-analysis

Oct 12, 2021

 Bo, Yacong; Kwok, Kin-On; Chu, Kareen Ka-Yin; Leung, Eppie Yu-Han; Yu, Chun-Pong; Wong, Samuel Yeung-Shan; Lee, Eric Kam-Pui, 2021, "Comparison between automated office blood pressure measurements and manual office blood pressure measurements—Implications in individual patients: a systematic review and meta-analysis", <https://doi.org/10.48668/GRFSVN>, CUHK Research Data Repository, V1

This data archive contains the data used to produce the manuscript in Journal of Hypertension titled "Comparison between automated office blood pressure measurements and manual office blood pressure measurements—Implications in individual patients: a systematic review and meta-an..."

Effectiveness of a mindfulness intervention for older adults to improve emotional well-being and cognitive function in a Chinese population: A randomized waitlist-controlled trial

Oct 12, 2021

 Lee, Eric Kam-Pui; Wong, Bel; Chan, Peter Hoi Shing; Zhang, Daisy Dexing; Sun, Wen; Chan, Dicken Cheong-Chun; Gao, Ting; Ho, Florence; Kwok, Timothy Chi Yui; Wong, Samuel Yeung-Shan, 2021, "Effectiveness of a mindfulness intervention for older adults to improve emotional well-being and cognitive function in a Chinese population: A randomized waitlist-controlled trial", <https://doi.org/10.48668/14WHSL>, CUHK Research Data Repository, V1, UNF:6:JmefwKiMUYMwb4937NQRHQ== [fileUNF]

This data archive consists of the data used to produce the manuscript in International Journal of Geriatric Psychiatry titled "Effectiveness of a mindfulness intervention for older adults to improve emotional well-being and cognitive function in a Chinese population: A randomized..."

# CUHK Research Data Repository Features

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## Available features

- Standard installation
- Customized URL, landing page and repository
- Searching
- Data citation (DOI for datasets)
- Guestbook
- Request access and contact dataset owners
- Data metrics
- Repository Guide
- Google Analytics





# Data Metrics

## Eric Kam Pui LEE Research Group

CUHK Research Data Repository > Faculty of Medicine > The Jockey Club School of Public Health and Primary Care > Eric Kam Pui LEE Research Group > Preference of blood pressure measurement methods by primary care doctors in Hong Kong: a cross-sectional survey

### Preference of blood pressure measurement methods by primary care doctors in Hong Kong: a cross-sectional survey

Version 1.0



Lee, Eric Kam-Pui; Choi, Ryan Chun Ming; Liu, Licheng; Gao, Tiffany; Yip, Benjamin Hon Kei; Wong, Samuel Yeung Shan, 2021, "Preference of blood pressure measurement methods by primary care doctors in Hong Kong: a cross-sectional survey", <https://doi.org/10.48668/J28PTJ>, CUHK Research Data Repository, V1, UNF:6.momLQz7RXT5D+JWeYPteq== [fileUNF]

Cite Dataset ▾

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Dataset Metrics ⓘ

13 Views ⓘ

1 Download ⓘ

0 Citations ⓘ

#### Description ⓘ

This data archive consists of the data used to produce the manuscript in BMC Family Practice titled "Preference of blood pressure measurement methods by primary care doctors in Hong Kong: a cross-sectional survey". This manuscript describes the blood pressure measurement methods commonly used by doctors in primary care in Hong Kong, to screen, diagnose, and manage hypertensive patients.

#### Subject ⓘ

Medicine, Health and Life Sciences

#### Keyword ⓘ

hypertension, blood pressure measurement, ambulatory blood pressure monitoring (ABPM), automated office blood pressure (AOBP), home blood pressure monitoring (HBPM)

#### Related Publication ⓘ

Lee EKP, Choi RCM, Liu L, Gao T, Yip BHK, Wong SYS. Preference of blood pressure measurement methods by primary care doctors in Hong Kong: a cross-sectional survey. BMC Family Practice. 2020 May 26; 21(1): 95. PMID: 32456619; PMCID: PMC7251842. doi: [10.1186/s12875-020-01153-6](https://doi.org/10.1186/s12875-020-01153-6)



香港中文大學圖書館

The Chinese University of Hong Kong Library



# Library Guide on Research Data Repository

<https://libguides.lib.cuhk.edu.hk/datarepository/home>



← → ↻ 🔒 libguides.lib.cuhk.edu.hk/datarepository/home

Libraries Using the Library Collections Research Support Learning Support

  香港中文大學圖書館  
The Chinese University of Hong Kong Library

Co Undergraduates · P

The Chinese University of Hong Kong Library / LibGuides / Research Data Repository / Overview

## Research Data Repository: Overview

This Guide introduces what a data repository is and the available resources at CUHK.


**Overview** Types of Data Repository CUHK Research Data Repository Guidelines of the CUHK Research Data Repository  
Terms and Conditions on Access and Reuse of Data from the CUHK Research Data Repository

### Introduction


This guide introduces what a data repository is and the types of data repository. It also provides the guidelines to the CUHK Research Data Repository.

### CUHK Research Data Repository


The CUHK Research Data Repository serves as the institutional research data repository for CUHK members to deposit their research data and for the worldwide to explore the research of our members. Click here for more details about the Repository.



### Research Data Repository





What are research data repositories?

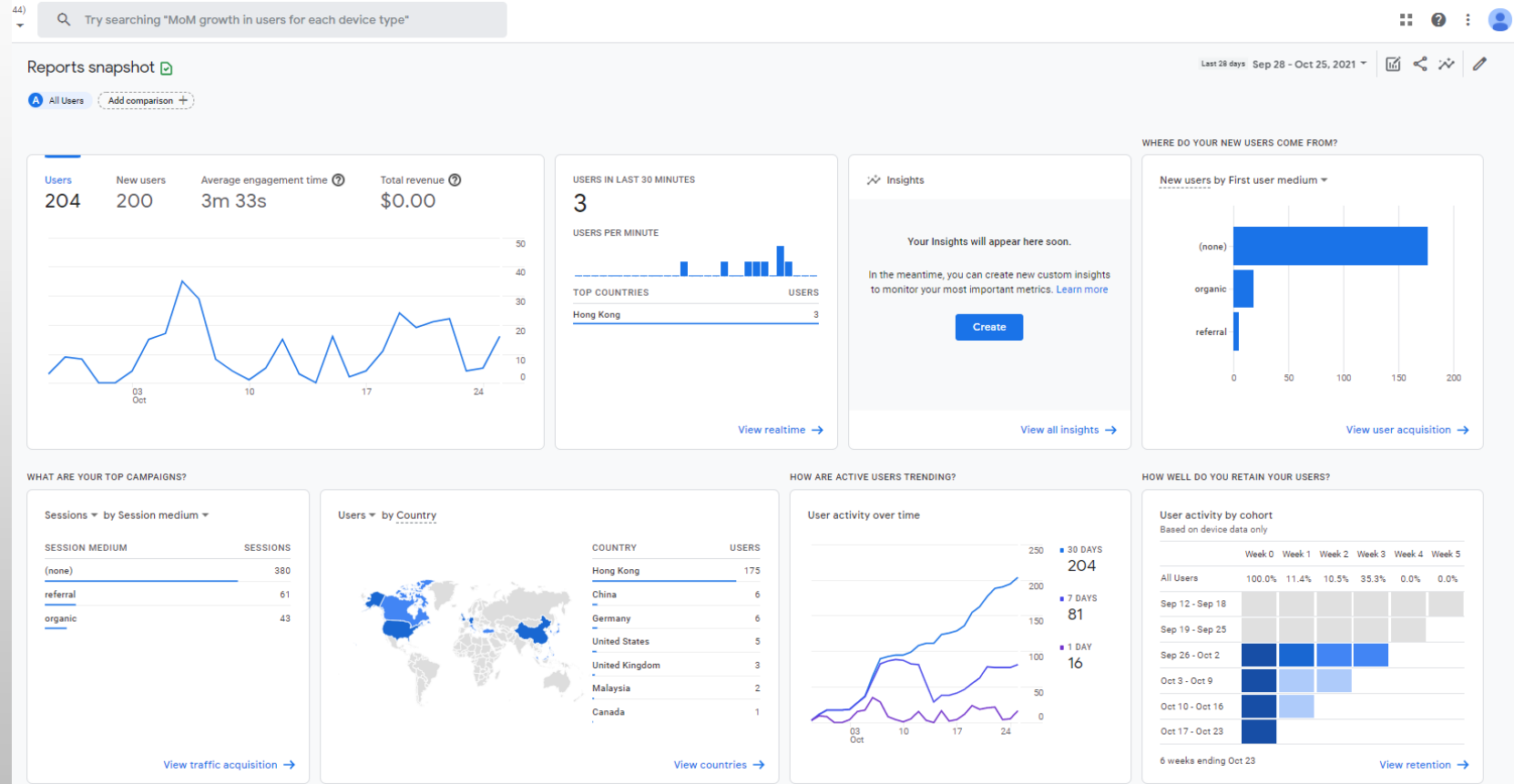
Watch on  YouTube

(Source: "Data Repositories Explained," Concordia University Library (2021), <https://www.youtube.com/watch?v=4jkShG1z-kl>.)

A data repository is a storage space for researchers to deposit data sets associated with their research. The purpose of a data repository is to preserve research data for reuse and mining for greater insight.

  香港中文大學圖書館  
The Chinese University of Hong Kong Library

# Google Analytics




# Upcoming Features

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- CUHK OnePass sign-in integration
- Managing folders by users
- Facilities to ease data upload to the repository
- Preview of tabular data
- Integration with other platforms (e.g. DMPTool)
- Metadata indexed in Library catalogue




# Promoting Data Reuse

 The Chinese University of Hong Kong Library  
Yesterday at 08:00 · 🌐



**UPI Pilot Launch of The CUHK Research Data Repository** NEW



It is the international Open Access Week this week. Besides opening up your publications, you can also share your data to increase citation counts and enhance your research impact.

The pilot CUHK Research Data Repository has been launched in October and is welcoming CUHK researchers to deposit data of published res... [See more](#)



**CUHK Research Data Repository**  
OPEN ACCESS



  4

2 shares





# Research Data Service at the CUHK Library

<https://lib.cuhk.edu.hk/en/research/data>



## Research Data Service

Research Data Management (RDM) covers creation of data and planning of its use; organisation, structure and naming of data; how to keep it secure, provide access when necessary, share active data with collaborators and more broadly publish and get cited, and archive when considered to be of long term value. Good research data management enables research data to be securely stored, shared where appropriate, allows verification of findings and supports digital preservation.

CUHK has prepared the *Guidelines on Research Data Management* to provide general guidance and support for research staff and students in managing, preserving, and sharing current or future research data.

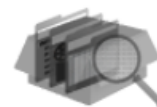
To support CUHK researchers and students in managing their research data throughout the research life cycle, the following services are available from the Library. Feel free to contact us at [data@cuhk.edu.hk](mailto:data@cuhk.edu.hk) for any enquiries on RDM.



Research Data Management Project



Data Management Plan



Data Repository



Research Data Management Guide



Workshops



RDM Consultation Service

The screenshot shows the CUHK Library website navigation menu. The 'Research Support' tab is active, and the 'Research Data Service' link is highlighted with a red box. Below the menu, there are sections for 'Highlights' featuring a 'MakerSpace - The Basics' series and 'Today's Hour' listing library opening hours for various departments.



# Promoting Data Reuse

## Using Hong Kong Literature Datasets for Digital Projects

### Author Frequency of *The Chinese Student Weekly* 《中國學生周報》

Wendy H.Y. Wong, Research Data Librarian, CUHK Library  
Joe C.C. Chow, Research Assistant, CUHK Library

#### Facts of *The Chinese Student Weekly*

Publication Years	Total Number of Issues		
1952-1974 (22 years)	1,128		
Records	Number of Records in Hong Kong Literature Database	Number of Records with Title	
	79,482	65,994	
Fulltext	Number of Records with Fulltext	Number of Characters in Fulltext	Number of Unique Characters in Fulltext
	77,490	58,531,144	9,052
	Author Names		Unique Author Names
54,797		17,913	

#### About the Project



Digital Project

Author Frequency of *The Chinese Student Weekly*



Visualisation Tools Used

- Word Clouds
- Bar Chart Race
- Static Bar Charts



Datasets Used

- Author Names in *The Chinese Student Weekly*
- Pseudonyms of Authors

#### Methodologies



Author frequency is presented in word clouds



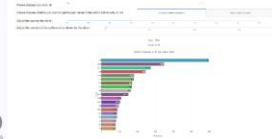
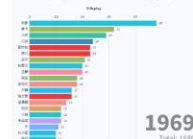
1 Extracting author names from the metadata of *The Chinese Student Weekly* in The Hong Kong Literature Database

2 Name data cleaning

3 Author frequency is computed by codes, with pseudonyms taken into account in static bar charts

4 Author frequency is presented in bar chart race and static bar charts

Author Frequency in *The Chinese Student Weekly* (Top 20)



#### More About the Project

<http://dsprojects.lib.cuhk.edu.hk/en/projects/weekly-author-frequency/home/>

#### More about Data Reuse

Please feel free to contact us at [data@cuhk.edu.hk](mailto:data@cuhk.edu.hk).

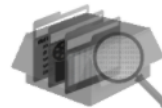




# Library Webpage on Data Repository

Home > Research Support > Research Data Service

## Data Repository



### Data Repository

The CUHK is to establish an institutional data repository with the open-sourced software Dataverse under the TRUST data repository principle: Transparency, Responsibility, User Focus, Sustainability, Technology. CUHK researchers and students can deposit their research data to the CUHK Research Data Repository in order to:

- meet the requirements of publishers and funders
- preserve and share the research data to the scholarly community
- increase the research impact and citation counts



### How could CUHK members be benefited?

A pilot of the CUHK Research Data Repository has been implemented in October 2021, it allows CUHK researchers to:

- manage data folders among research team members
- describe and preserve datasets in various formats
- publish and share datasets with persistent identifiers (e.g. doi)
- share datasets to social media platforms
- learn the impact of the dataset (e.g. views, downloads, citations)



### How could researchers worldwide be benefited?

Researchers worldwide can:

- search and discover datasets deposited in the CUHK institutional data repository via search engines
- cite and re-use the datasets
- contact dataset owners for collaboration
- request access or additional information of datasets, if necessary
- discover the CUHK data repository from the Dataverse installation map





# Contact and Comments

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Wendy H.Y. Wong

- Research Data Librarian
- Email: [hywong@lib.cuhk.edu.hk](mailto:hywong@lib.cuhk.edu.hk)

