

Introduction

R-Ladies Gaborone &
R-Ladies Dammam





R-Ladies Gaborone and **R-Ladies Dammam** are a local chapter of [R-Ladies Global](https://www.r-ladies.org/), an organisation that promotes gender diversity in the R community worldwide.

R-Ladies welcomes members of **all R proficiency levels**, whether you're a **new** or **aspiring R user**, or an **experienced R** programmer interested in mentoring, networking & expert upskilling.

Housekeeping

- We are recording!
- Sign in [the Google Doc](#)

Using R as an Epidemiologist: Assessment of real-world data

Session Trainers: Brianna Lindsay

Session Facilitators: Simisani Ndaba and Batool Almarzouq

Session starting time: 12th March at 11:00am Riyadh time

Zoom:

<https://us02web.zoom.us/j/83271449344>

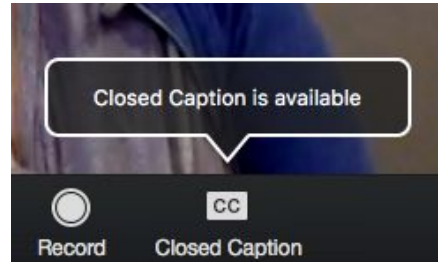
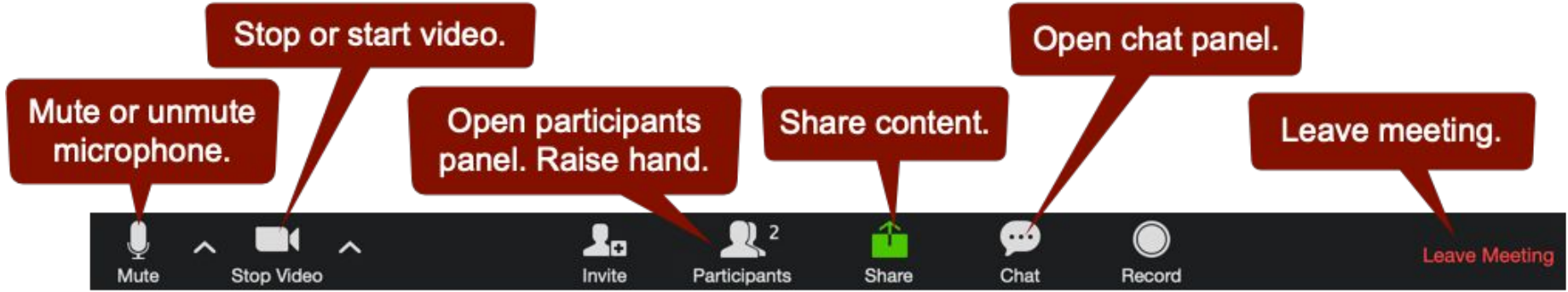
passcode, 000111

Roll call

Name / Country / social handles (twitter, GitHub, etc.) /

1. Batool Almarzouq / Github:BatoolMM / Twitter: @batool664
2. Simisani Ndaba/
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

Housekeeping

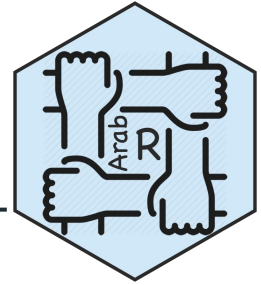


Housekeeping

- [Code of conduct](#)
- If you experience or witness unacceptable behaviour, or have any other concerns, please report it by contacting the code of conduct committee.
 - To report an issue involving one of the organisers, please email the organiser.
- Join us in [RLadies Slack](#)



ArabR



- Increasing the **visibility** of R users in the Arabic speaking countries so they can get **connected to the international R community**

Contribution & Support

- You would us to review your abstract for any R conference (e.g. useR)
- Contribute through GitHub to ArabR discussion
- Add your materials/blog post/R Package in ArabR Website and newsletter
- You would like to be co-organiser in any of R-Ladies chapters
- You would like to present a tutorial (Arabic/English)

Africa R is a consortium of passionate Africa R user groups and users innovating with R every day, and are inspired to share their experience as well as communicate their findings to a global audience.

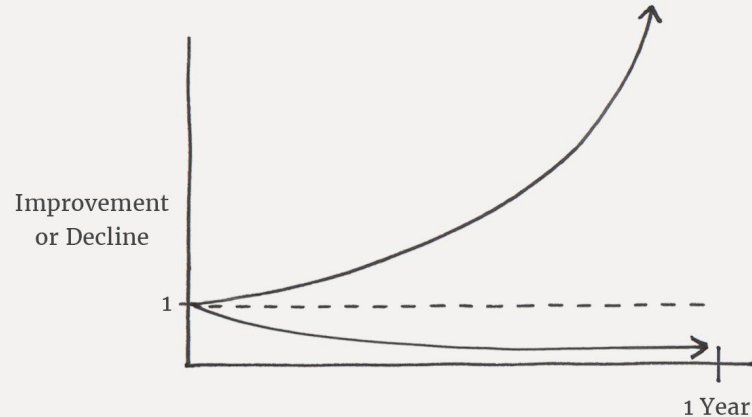
Africa R aims to improved representation by encouraging, inspiring, and empowering the African population of all genders who are underrepresented in the global R community.



The Power of Tiny Gains

1% better every day $1.01^{365} = 37.78$

1% worse every day $0.99^{365} = 0.03$



JamesClear.com

Speaker: Dr. Brianna Lindsay (MPH, PhD)



- She is an **infectious disease epidemiologist** based full-time in Zambia.
- She serves as **primary epidemiologic personnel for the CDC/PEPFAR-funded CIRKUIITS HIV treatment** and prevention service delivery programs, supporting data collection, database design, and analysis.
- She also assists globally through programs in the **affiliated Center for International Health, Education, and Biosecurity (Ciheb)** at the **University of Maryland Baltimore, supporting eight countries across sub-Saharan Africa.**
- Dr. Lindsay **applies quantitative data analysis** to inform epidemiological investigations and practical research in infectious disease prevention and treatment in real-world settings.
- She has **published extensively in burden of disease estimation** using various study designs has expertise in quantitative methods as well as analysis of high-throughput and advanced molecular detection techniques. **She has planned and organized a number of global health data workshops in Africa, Asia and the U.S.**