

R Group for Biosurveillance

Description

Mission

To Connect R Users and Advance the Practice of R in Public Health Surveillance.



Objectives

- Enable new and inexperienced users to gain the skills required for the data management, analysis, and visualization tasks that they seek using the R language.
- Facilitate the sharing of approaches, programming techniques, and code among current users.
- Involvement with the growing global community of epidemiologists and developers using R to advance the science of disease surveillance.

Activities Summary

The R Group hosts monthly webinars. These webinars typically fall into 3 categories:

- **Research:** A public health researcher who uses R will present their work, as well as the code used to conduct the analysis. These are often highly technical, both in coding and in the statistical analyses used. They are a great way to see what is happening in academia at the intersection of R and surveillance.
- **Practice:** A public health practitioner will share an application they made in R. These applications are often in RShiny or RMarkdown. They are tools that could be useful at your agency, and we encourage everyone to explore the code used to make these tools.
- **Tutorials:** An experienced R user will provide a tutorial on how to use a package, a set of packages, or conduct a specific type of analysis. These webinars tend to be accessible to every level of R users, including newcomers.
- **Hangouts:** A group member will lead an open-ended 'hangout' session where attendees are encouraged to share their r-related questions and problems for their peers to discuss and (hopefully) solve. A great way for new R users to network with experienced R users.

Current Activities

- Monthly guest speakers
- Monthly hangouts for beginners
- 2 workshops at ISDS 2018

Website:

<http://www.healthsurveillance.org/group/RGROUP>

Abbreviation: R

Group Type: Community Group

Group Chairs: Eric Bakota

Contact: Eric.Bakota@phs.hctx.net

Meeting Schedule: Monthly

How to Join: Join Group on website

Content Accessibility: Open

Steering Committee Liaison: N/A

Related Groups:

- Research Committee
- Metadata Visualization Application Workgroup