

Package ‘ergmharris’

July 22, 2025

Type Package

Title Local Health Department network data set

Version 1.0

Date 2013-05-10

Author Jenine K. Harris

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Description Data for use with the Sage Introduction to Exponential Random Graph Modeling text by Jenine K. Harris. Network data set consists of 1283 local health departments and the communication links among them along with several attributes.

License GPL-3

NeedsCompilation no

Repository CRAN

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Description

This package contains the United States Local Health Department (LHD) leadership network data for use with the Sage text, "Introduction to Exponential Random Graph Modeling" by Jenine K. Harris.

Details

Package: ergmharris
 Type: Package
 Version: 1.0
 Date: 2013-05-10
 License: GPL-3

This package contains the United States Local Health Department (LHD) leadership network data for use with the Sage text, "Introduction to Exponential Random Graph Modeling" by Jenine K. Harris. The data includes a network object entitled lhds consisting of 1283 Local Health Departments and the communication links between their leaders. The network is undirected and ties are present or absent (unweighted). Attributes of the network members included in the data include: the state they are located in, whether or not they conduct HIV screening programs or nutrition programs, how many people live in the department jurisdiction, and the number of years of experience the leader has. These variables and are coded as follows:

state: the state where the LHD is located

tobacconutrition: binary variable indicating whether the LHD does tobacco use prevention nutrition programming (tobacconutrition = Y) or not (tobacconutrition = N)

hivscreen: binary variable indicating whether the LHD does HIV screening (hivscreen = Y) or not (hivscreen = N)

popmil: LHD jurisdiction population in millions

years: number of years the current LHD leader has been in their position in categories of 1-2 years (years = 0), 3-5 years (years = 1), 6-10 years (years = 2), and 11+ years (years = 3)

The data was collected in 2010 by the National Association of County and City Health Officials (NACCHO). Visit the NACCHO website for additional information about the data source (<http://www.naccho.org/>).

Author(s)

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 lhds

Local Health Department communication network data

Description

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Usage

```
data(lhds)
```

Format

network object

Author(s)

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