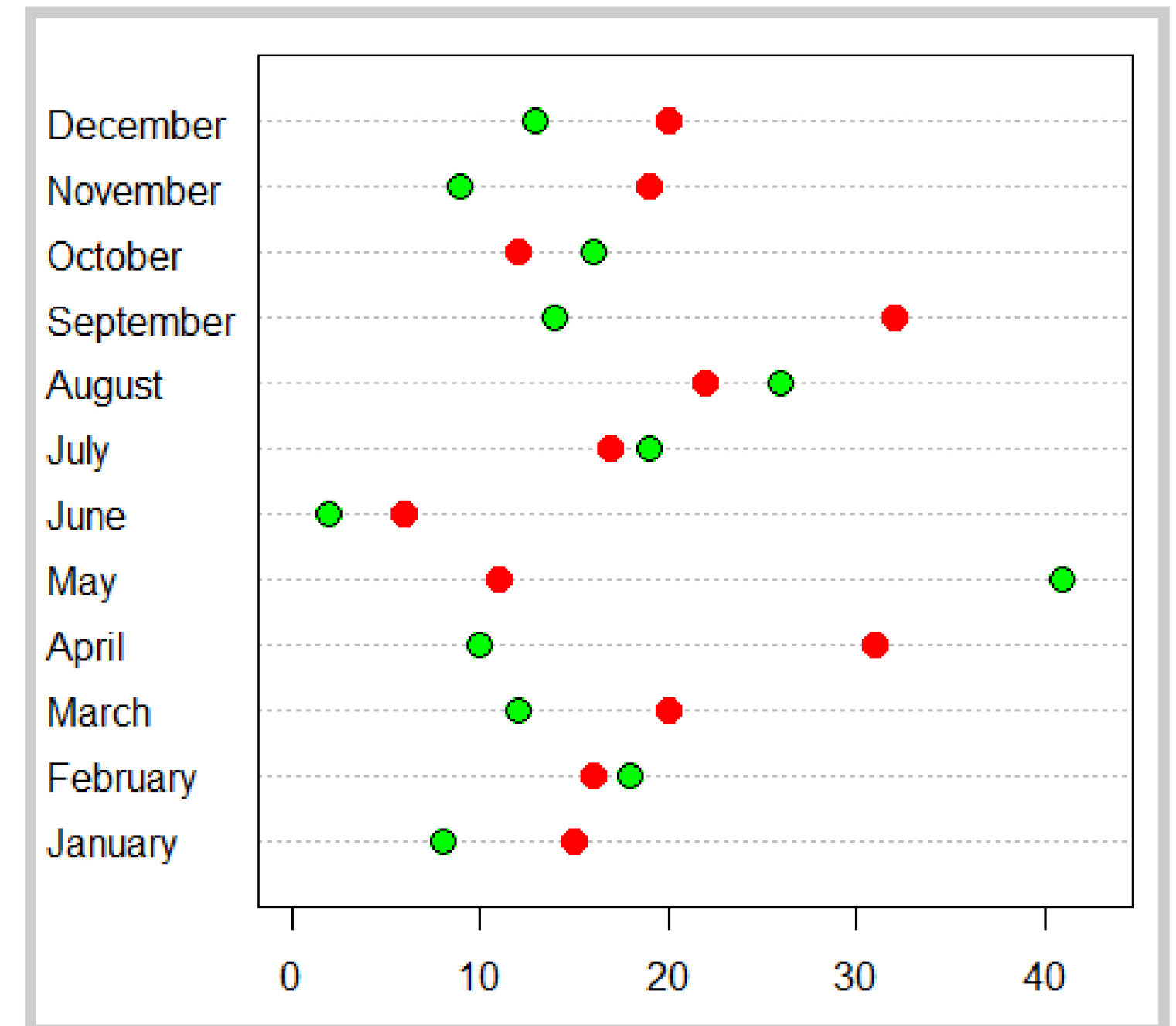# Dotchart in R

Presented by :- Mukta and Himanshi

INTRODUCTION

A dot chart or dot plot is a statistical chart consisting of data points plotted on a fairly simple scale, using filled in circles.

- It is also refers as plots of points that each belong to one of several categories

- A dot chart is defined as a plot which is used to draw a Cleveland dot plot.

HOW TO MAKE A DOT CHART IN R?

Dotchart() function in R Language is used to create a dot chart of the specified data.

- **SYNTAX**

dotchart(x, labels = NULL, groups = NULL,
            gcolor = par("fg"),
            color = par("fg"))

PARAMETERS

•**X:** It is defined as numeric vector or matrix

•**LABELS:** A vector of labels for each point.

•**GROUPS:** A grouping variable indicating how the elements of x are grouped.

•**g color:** Color to be used for group labels and values.

•**color:** the color(s) to be used for points and labels.

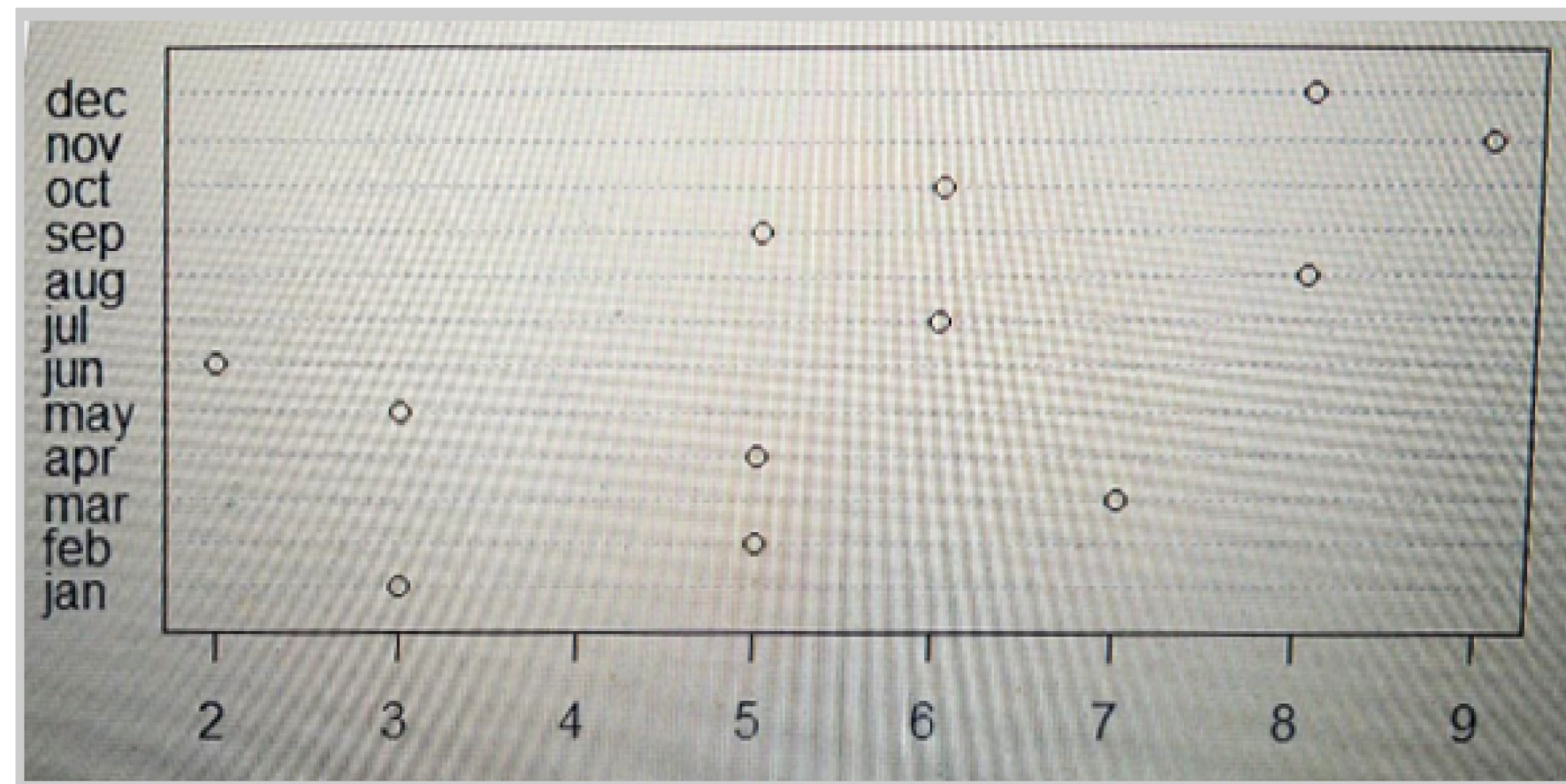# EXAMPLES

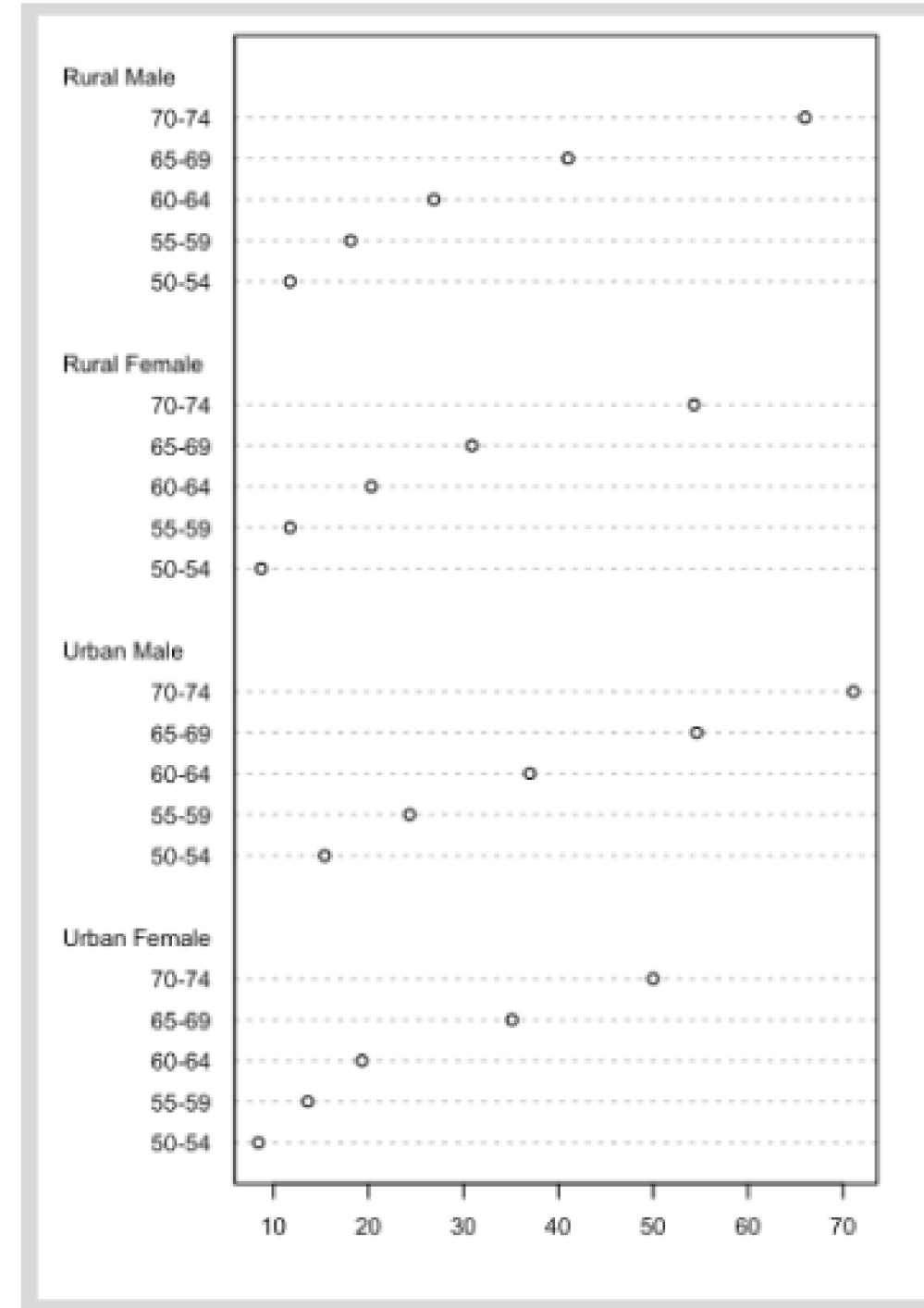**# DOT CHART OF A NUMERIC VECTOR**

x<-c(3,5,7,5,3,2,6,8,5,6,9,8)
d<-c("Jan","Feb","Mar","Apr","May","Jun,","Jul","Aug","Sep","Oct","Nov","Dec")
dotchart(x,labels=d).

DOT CHART OF A MATRIX

VADeaths
data()
class(VADeaths)
dotchart(VADeaths, main =
"Death Rates in Virginia")

Thank you