

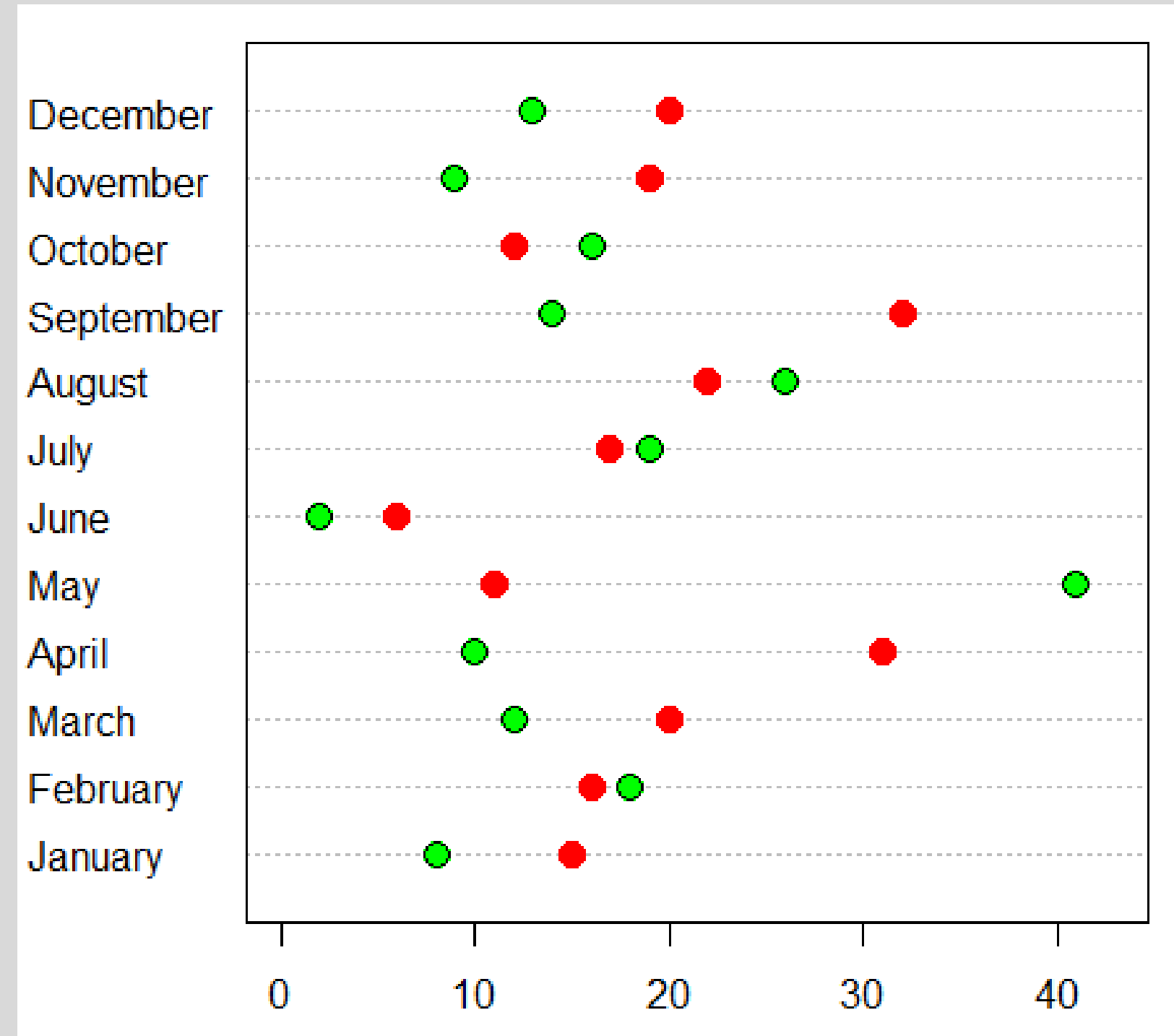
# Dotchart in R

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# ***Introduction***

***A dot chart or dot plot is a statistical chart consisting of data points plotted on a fairly simple scale, typically 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 dotchart 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.*

**gcolor** : *color to be used for group labels and values.*

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

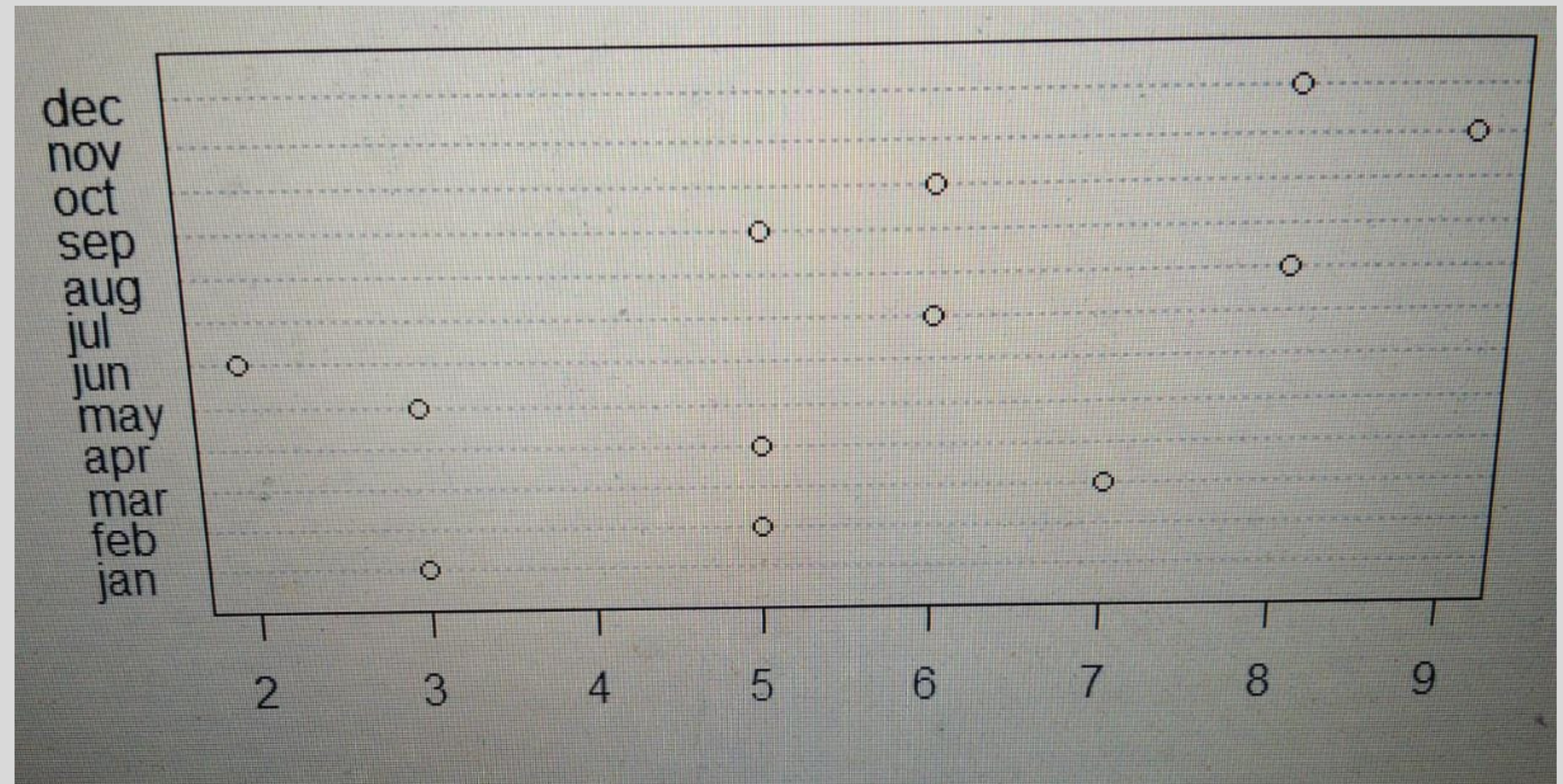
# Examples

## # 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).
```



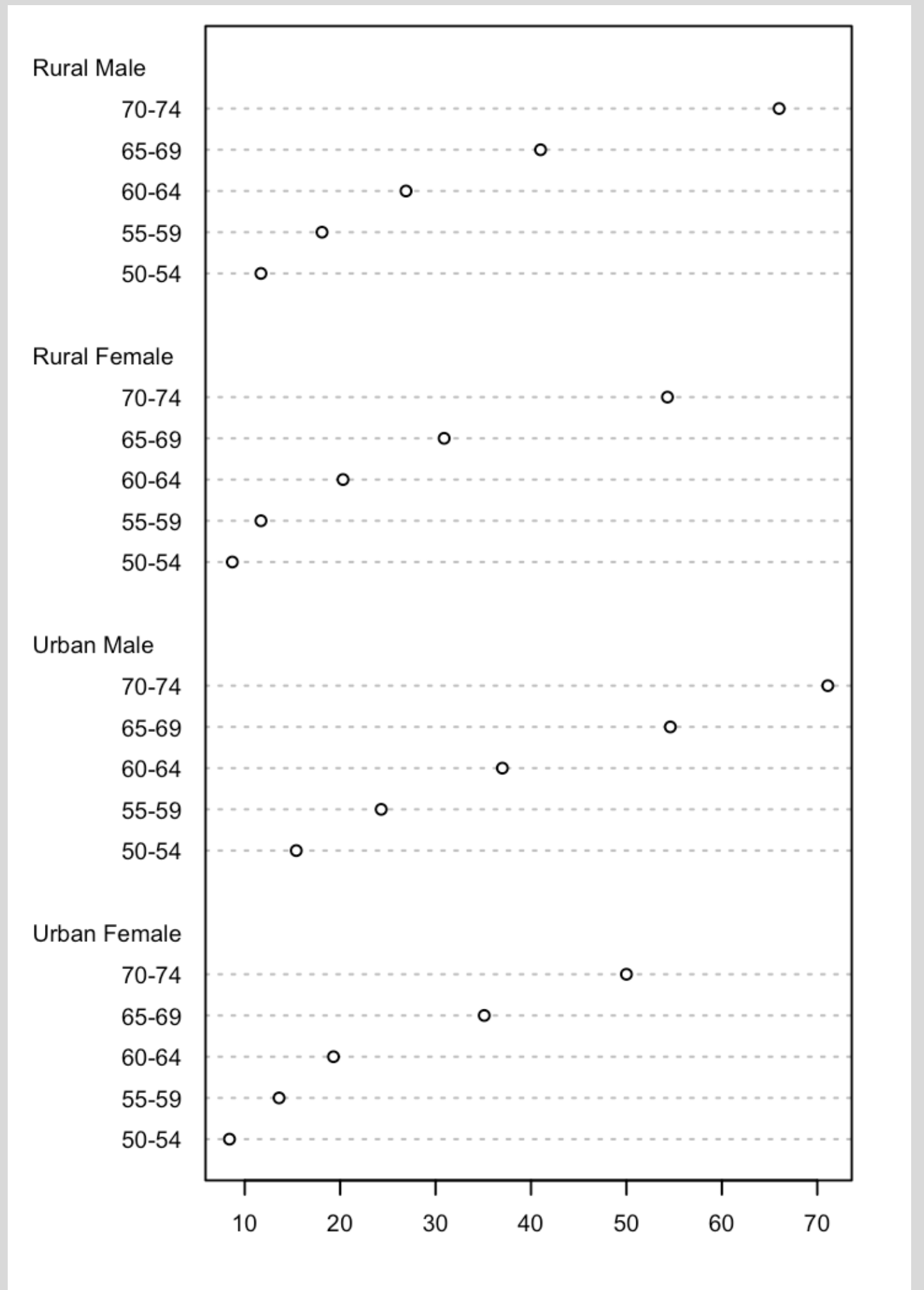
# # DOT CHART OF A MATRIX

*consider inbuilt data set VADeaths*

```
VADeaths  
data()
```

```
class(VADeaths)
```

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





Thank  
you 😊