# Chord Plot

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## 2023-05-25

```r
library(circlize)
```

```
## ========================================
## circlize version 0.4.15
## CRAN page: https://cran.r-project.org/package=circlize
## Github page: https://github.com/jokergoo/circlize
## Documentation: https://jokergoo.github.io/circlize_book/book/
##
## If you use it in published research, please cite:
## Gu, Z. circlize implements and enhances circular visualization
##   in R. Bioinformatics 2014.
##
## This message can be suppressed by:
##   suppressPackageStartupMessages(library(circlize))
## ========================================
```

```r
age <- c("< 30", "31 - 40", "41 - 50", "51 - 60", "> 60")
no_of_species <- c(21, 43, 55, 70, 85)
male <- c(12, 29, 53, 56, 75)
female <- c(18, 36, 45, 65, 77)

numbers <- matrix(c(no_of_species, male, female), ncol = 3, byrow = TRUE)

rownames(numbers) <- age
colnames(numbers) <- c("No. of species reported", "Male", "Female")

grid.colors <- c("No. of species reported" = "red", Male = "green", Female = "blue")

chordDiagram(numbers, transparency = 0.1, grid.col = grid.colors)
```
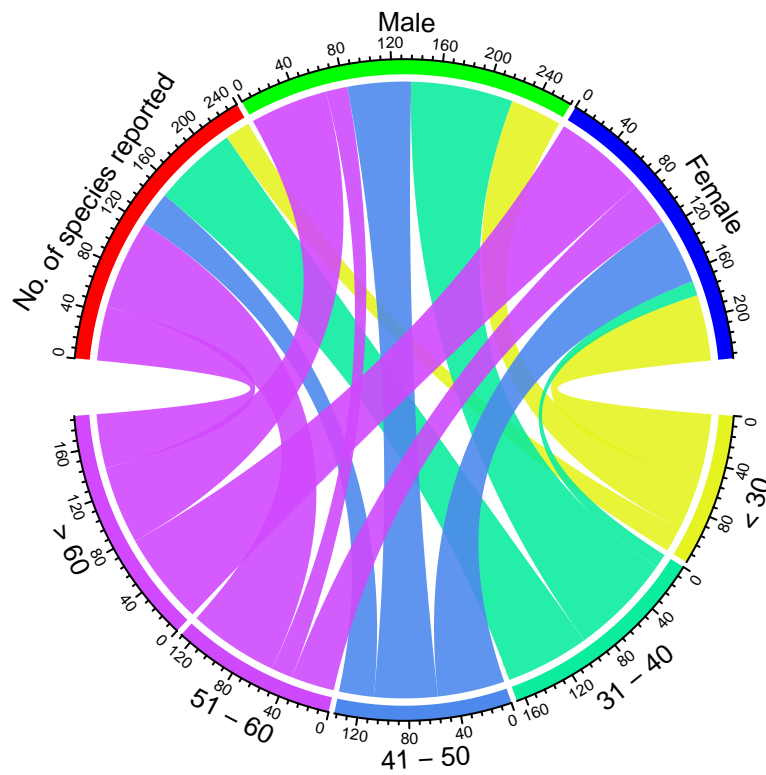
```
png("new.png", width = 3000, height = 3000, res = 500)
chordDiagram(numbers, transparency = 0.1, grid.col = grid.colors)
dev.off()
```

```
## pdf
##   2
```