

Título

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Simple Summary: Resumen.

Abstract: Abstract

Keywords: keyword 1; keyword 2; keyword 3 (list three to ten pertinent keywords specific to the article, yet reasonably common within the subject discipline.).

1. Introducción

2. Carga de librerías e importación del fichero

```
rm(list=ls()) # Borrar todas las variables al principio
```

```
library(readr)
library(ggplot2)
```

```
viajes <- read_delim("data/viajeros_según sexo_destino_duracion_del_viaje.csv", de
```

```
## Rows: 648 Columns: 6
## -- Column specification -----
## Delimiter: ";"
## chr (5): Sexo, Duración, Destino, Tipo de dato, Total
## dbl (1): Periodo
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message
```

```
any(is.na(viajes)) # Comprobación de si hay datos faltantes
```

```
## [1] FALSE
```

2.1. Transformar a tidy data

```
tipos_datos <- unique(viajes$`Tipo de dato`)
```

```
viajes_porcentaje_categoria <- subset(viajes, viajes$`Tipo de dato` == tipos_datos[1])
nombres_col_cat <- colnames(viajes_porcentaje_categoria)
nombres_col_cat[nombres_col_cat == "Total"] <- "Porcentaje_personas_categoria"
colnames(viajes_porcentaje_categoria) <- nombres_col_cat
viajes_porcentaje_categoria <- subset(viajes_porcentaje_categoria, select = -`Tipo de dato`)
```

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```
viajes_porcentaje_total<- subset(viajes,viajes$`Tipo de dato` == tipos_datos[2])
nombres_col_tot <- colnames(viajes_porcentaje_total)
nombres_col_tot[nombres_col_tot == "Total"] <-"Porcentaje_personas_total"
colnames(viajes_porcentaje_total)<-nombres_col_tot
viajes_porcentaje_total <- subset(viajes_porcentaje_total, select = -`Tipo de dato`

# Compruebo que en todas las columnas salvo la última todos las filas son iguales
any(viajes_porcentaje_categoria[1:length(nrow(viajes_porcentaje_categoria)-1)] !=v

## [1] FALSE

# Uno los dos datasets en un único dataset con el que trabajar

datos <- merge(viajes_porcentaje_categoria,viajes_porcentaje_total, by = c(colname
```

Abbreviations

The following abbreviations are used in this manuscript:

- MDPI Multidisciplinary Digital Publishing Institute
- DOAJ Directory of open access journals
- TLA Three letter acronym
- LD linear dichroism

Appendix C

Appendix C.1

The appendix is an optional section that can contain details and data supplemental to the main text. For example, explanations of experimental details that would disrupt the flow of the main text, but nonetheless remain crucial to understanding and reproducing the research shown; figures of replicates for experiments of which representative data is shown in the main text can be added here if brief, or as Supplementary data. Mathematical proofs of results not central to the paper can be added as an appendix.

Appendix D

All appendix sections must be cited in the main text. In the appendixes, Figures, Tables, etc. should be labeled starting with ‘A’, e.g., Figure A1, Figure A2, etc.

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