

Practica 5 Temas diversos

Copy code no funciona.

¿Cómo estandarizo los valores no disponibles a “NA”?

```
r Copy code  
  
library(dplyr)  
  
# Sample data frame  
df <- data.frame(  
  col1 = c(1, 2, "NA", "", 5),  
  col2 = c("a", "b", "NULL", "c", ""),  
  col3 = c(NA, "NA", 3, 4, 5),  
  stringsAsFactors = FALSE  
)  
  
# Replace all specified values with NA  
df_clean <- df %>%  
  mutate(across(everything(), ~ na_if(.x, "NA"))) %>%  
  mutate(across(everything(), ~ na_if(.x, ""))) %>%  
  mutate(across(everything(), ~ na_if(.x, "NULL")))  
  
# View cleaned data frame  
print(df_clean)
```

¿Cómo exporto en formato “.rda”?

```
r Copy code  
  
# Example data frame  
df <- data.frame(  
  col1 = c(1, 2, 3, 4, 5),  
  col2 = c("a", "b", "c", "d", "e"),  
  stringsAsFactors = FALSE  
)  
  
# Save the data frame as an .rda file  
save(df, file = "dataframe.rda")
```

¿Cómo cargo un archivo en formato “.rda”?

```
r Copy code  
  
load("dataframe.rda")
```

¿Cómo pasamos “wide” to “long”?

I have a dataframe with a column id "folios" and then variables for four years named "VarA2017", "VarB2017", "VarC2017", "VarA2019", "VarB2019", "VarC2019", "VarA2021", "VarB2021", "VarC2021", "VarA2023", "VarB2023", "VarC2023", the last four characters of the variable name is the year. I want to reshape from wide to long

```
r Copy code  
  
df_long <- df %>%  
  pivot_longer(  
    cols = starts_with("Var"), # Select all columns that start with "Var"  
    names_to = c("variable", "year"), # Split names into 'variable' and 'year'  
    names_pattern = "(.*)\\d{4}", # Regex to capture variable and year  
    values_to = "value" # Name of the value column  
  )
```

After running the above code, your `df_long` data frame will have the following structure:

folios	variable	year	value
1	VarA	2017	...
1	VarB	2017	...
1	VarC	2017	...
1	VarA	2019	...
...

This structure makes it easier to analyze the data by year or variable type.