

# Design Padrão para Output em PDF

NA

## YAML para Incluir Arquivo .Rmd

```
output:
  bookdown::pdf_document2:
    latex_engine: xelatex
    fig_caption: yes
    fig_width: 3.5
    fig_height: 2.0
    keep_tex: yes
    number_sections: no
    toc: no
    includes:
      in_header: header.tex

documentclass: article
papersize: a4
pagestyle: plain # plain, empty, headings
geometry: margin=.5in
linestretch: 1.2
mainfont: Arial
fontsize: 12pt
linkcolor: RoyalBlue
urlcolor: RoyalBlue
links-as-notes: false
```

## Parâmetros para Blocos de Código

```
knitr::opts_chunk$set(echo = T,
                       warning = F,
                       message = F,
                       fig.align = "center")
```

## Parâmetros para Formatação de Gráficos

```
# Função para padronizar o design dos gráficos
theme_graph <- function(){
  theme(
    plot.title = element_text(size = 12),
    plot.subtitle = element_text(size = 8),
    plot.caption = element_text(face = "italic", size = 7),
    axis.title = element_text(face = "italic", size = 7),
    legend.position = "bottom",
    legend.title = element_blank()
  )
}
```

## Pacotes Usados no Artigo

```
library(tidyverse)
library(gt)
library(kableExtra)
```

## Criação e Formatação de Tabelas

```
mtcars %>%
  head() %>%
  kableExtra::kbl(caption = "Teste",
                  linesep = "\\addlinespace",
                  booktabs = T) %>%
  kable_styling(position = "center",
                font_size = 10,
                full_width = F,
                latex_options = c("HOLD_position", "stripped")) %>%
  kableExtra::row_spec(row = 0,
                      bold = T,
                      italic = F,
                      underline = F,
                      background = "RoyalBlue",
                      color = "white")
```

Table 1: Teste

	mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
Mazda RX4	21.0	6	160	110	3.90	2.620	16.46	0	1	4	4
Mazda RX4 Wag	21.0	6	160	110	3.90	2.875	17.02	0	1	4	4
Datsun 710	22.8	4	108	93	3.85	2.320	18.61	1	1	4	1
Hornet 4 Drive	21.4	6	258	110	3.08	3.215	19.44	1	0	3	1
Hornet Sportabout	18.7	8	360	175	3.15	3.440	17.02	0	0	3	2
Valiant	18.1	6	225	105	2.76	3.460	20.22	1	0	3	1

## Criação de Gráficos

```
mtcars %>%
  ggplot2::ggplot()+
  geom_point(mapping = aes(x = mpg, y = cyl))+
  theme_graph()
```

