

Resultado 2023

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```
#| libraries

library(tidyverse)

-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
v dplyr      1.1.4      v readr      2.1.4
v forcats    1.0.0      v stringr    1.5.1
v ggplot2    3.4.4      v tibble     3.2.1
v lubridate  1.9.3      v tidyr      1.3.0
v purrr      1.0.2
-- Conflicts ----- tidyverse_conflicts() --
x dplyr::filter() masks stats::filter()
x dplyr::lag()     masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to be

library(googleheets4)
library(ggthemes)
library(lubridate)
library(ggrepel)
library(scales)
```

Attaching package: 'scales'

The following object is masked from 'package:purrr':

discard

The following object is masked from 'package:readr':

```

col_factor

#| Reading-data

biom <- read_sheet("1KkLM7bz-Az-etHUeENou-BjX4mDUfJCccwcCIo0kOCU", 2)

! Using an auto-discovered, cached token.

To suppress this message, modify your code or options to clearly consent to
the use of a cached token.

See gargle's "Non-interactive auth" vignette for more details:

<https://gargle.r-lib.org/articles/non-interactive-auth.html>

i The googlesheets4 package is using a cached token for 'momaju@gmail.com'.

v Reading from "Cultivo".

v Range "'Biomassa'".

#| Médias-2023

Means_2023 <- biom %>%
  group_by(viveiro) %>%
  mutate(ano_despesca = year(data_desp)) %>%
  filter(ano_despesca == 2023) %>%
  summarize(across(where(is.numeric), mean, na.rm = TRUE, .names = "mean_{col}"))

Warning: There was 1 warning in `summarize()`.
i In argument: `across(where(is.numeric), mean, na.rm = TRUE, .names =
  "mean_{col}")`.
i In group 1: `viveiro = 1`.
Caused by warning:
! The `...` argument of `across()` is deprecated as of dplyr 1.1.0.
Supply arguments directly to `.fns` through an anonymous function instead.

# Previously
across(a:b, mean, na.rm = TRUE)

# Now
across(a:b, \(x) mean(x, na.rm = TRUE))

```

Means_2023

```
# A tibble: 4 x 21
  viveiro mean_ciclo mean_pop mean_biom_calc mean_biom_real mean_fallow
  <dbl>      <dbl>      <dbl>      <dbl>      <dbl>      <dbl>
1      1         35    136000      1030.        951        12.4
2      2         35    385000      2566        2552.        12.4
3      3        34.5    370000      3092.        3014.        14.8
4      4        33.5    325000      2191.        2098.        12.2
# i 15 more variables: mean_densidade <dbl>, mean_sobrevive <dbl>,
# mean_produtividade <dbl>, mean_baixas_ac <dbl>, mean_baixa_mil <dbl>,
# mean_g_semana <dbl>, mean_g_final <dbl>, mean_ddc <dbl>,
# mean_bionutri <dbl>, mean_tca <dbl>, mean_biometria_1 <dbl>,
# mean_id_entrada <dbl>, mean_dbiometria_1 <dbl>, mean_idadeb_1 <dbl>,
# mean_ano_despesca <dbl>
```