

MarchMadness

```
library(readr)
library(dplyr)
```

Attaching package: 'dplyr'

The following objects are masked from 'package:stats':

filter, lag

The following objects are masked from 'package:base':

intersect, setdiff, setequal, union

```
files <- list.files("March Madness Regular Season Data", pattern = "\\*.csv$", full.names = TRUE)
```

```
regular_season_df <- files |>
  lapply(function(f) read_csv(f, col_types = cols(.default = "c")))|>
  bind_rows()
```

```
getwd()
```

```
[1] "/home/guest/sta345-final"
```

```
list.files()
```

```
[1] "March Madness Regular Season Data"
[2] "MarchMadness_files"
[3] "MarchMadness.qmd"
[4] "MarchMadness.rmarkdown"
[5] "MarchMadness.tex"
[6] "sta345-final.Rproj"
[7] "tournament_results_mod_through_2025.csv"
```

```
list.files("March Madness Regular Season Data")
```

```
[1] "ncaa_tr_regular_2000_2001.csv" "ncaa_tr_regular_2002_2003.csv"
[3] "ncaa_tr_regular_2004_2005.csv" "ncaa_tr_regular_2006_2007.csv"
[5] "ncaa_tr_regular_2008_2009.csv" "ncaa_tr_regular_2010_2011.csv"
[7] "ncaa_tr_regular_2010_2025.csv" "ncaa_tr_regular_2012_2013.csv"
[9] "ncaa_tr_regular_2014_2015.csv" "ncaa_tr_regular_2016_2017.csv"
[11] "ncaa_tr_regular_2018_2019.csv" "ncaa_tr_regular_2020_2021.csv"
[13] "ncaa_tr_regular_2022_2023.csv" "ncaa_tr_regular_2024_2025.csv"
```

```
tournament_result <- read_csv("tournament_results_mod_through_2025.csv")
```

```
Rows: 2585 Columns: 15
```

```
-- Column specification -----
```

```
Delimiter: ","
```

```
chr (5): wloc, wteam_school, lteam_school, wteam_region, lteam_region
```

```
dbl (10): season, daynum, wteam, wscore, lteam, lscore, numot, wteam_seed, l...
```

```
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.
```