Titled Tuesday - 2024 Awards

TheDataDigest

2024-10-12

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# 1. Setup

# load helper functions  
source("../R/2\_helper\_functions.R")  
  
# load the tidyverse  
library(tidyverse)  
library(patchwork) # combine charts together  
library(DT) # interactive tables  
library(knitr) # static table with the kable() function  
library(plotly) # interactive graphs

# Read the clean dataset  
TT <- readRDS(file = "../input/2024\_df\_RDS/TitledTuesday\_2024\_df.RDS")  
player\_df <- readRDS(file = "../input/2024\_df\_RDS/player\_2024\_df.RDS")  
matches\_df <- readRDS(file = "../input/2024\_df\_RDS/matches\_2024\_df.RDS")  
results\_df <- readRDS(file = "../input/2024\_df\_RDS/results\_2024\_df.RDS")  
tournament\_streak <- readRDS(file = "../input/2024\_df\_RDS/tournament\_streak\_2024\_df.RDS")  
winning\_streak <- readRDS(file = "../input/2024\_df\_RDS/winning\_streak\_2024\_df.RDS")  
week\_streak <- readRDS(file = "../input/2024\_df\_RDS/week\_streak\_2024\_df.RDS")

# 2. 2024 AWARDS

* Do we compare the 2024 winners to 2023 results? \* Or do we just show a table at the end that shows the top 3 players in each category?

*I created ~11 different award categories:*

1. Most tournament participations 1b. Most games played
2. Longest participations streak
3. Most games won (also show percentage) 3b. Most games lost (with % played) 3c. Most games draw
4. Highest winning % with white and black 4b. Lowest losing % with white and black
5. Longest winning streak
6. Perfect day? compare to attempts
7. Sweeping the day with attempts
8. Lowest rated player to win
9. Biggest rating difference to win (for white and black)
10. Biggest draw (not as extreme as 2023 (8 and 12 players drawing))
11. Best position for a non-GM
12. Best women player
13. Most tournament wins (and biggest prize money)

## 2.1 1) Most tournament participations

In 2024 there were 80 Titled Tuesday tournaments with a total of 4445 players participating.

On average each play participated in 11.2 with a median of 6 participations.

Sergei Zhigalko participated in 100 out of 103 tournaments. 76 participations in a row, playing both the early and late tournament edition over several weeks.

***Confirm that a participation of a tournament is only granted if at least one game was played***

most\_participations <- player\_df %>% select(name, title, fed, N\_participations, total\_games\_played) %>%   
 arrange(desc(N\_participations)) %>%   
 slice\_head(n=20)  
   
kable(most\_participations)

| name | title | fed | N\_participations | total\_games\_played |
| --- | --- | --- | --- | --- |
| Mikhail Golubev | GM | UKR | 80 | 880 |
| Gata Kamsky | GM | USA | 78 | 847 |
| Sergei Zhigalko | GM | INT | 78 | 856 |
| Alexander Rustemov | GM | RUS | 77 | 835 |
| Matfey Rogov | CM | ZAF | 75 | 758 |
| Daniel Gutiérrez Olivares | FM | MNG | 75 | 583 |
| Hajiyev Kanan | FM | AZE | 74 | 794 |
| Rushan Bogaudinov | FM | RUS | 74 | 750 |
| Alexander Reprintsev | IM | UKR | 73 | 776 |
| Dimitri Korol | NM | UKR | 72 | 751 |
| Nikolai Vlassov | IM | INT | 72 | 765 |
| Guillermo Baches Garcia | IM | ESP | 72 | 611 |
| Artem Bardyk | FM | INT | 71 | 738 |
| Derek Wu | FM | USA | 71 | 654 |
| Hikaru Nakamura | GM | USA | 71 | 772 |
| Matthias Bluebaum | GM | DEU | 71 | 758 |
| Daniel Taboas Rodriguez | FM | ESP | 71 | 279 |
| Dawid Janaszak | FM | POL | 71 | 730 |
| Marcel Winkels | CM | NLD | 71 | 730 |
| Goltsev Dmitry | FM | RUS | 70 | 692 |

### 2.1.1 1b) Most games played (only show if different from most tournament participations)

most\_games\_played <- player\_df %>% select(name, title, fed, total\_games\_played, N\_participations) %>%   
 arrange(desc(total\_games\_played)) %>%   
 slice\_head(n=20)  
   
kable(most\_games\_played)

| name | title | fed | total\_games\_played | N\_participations |
| --- | --- | --- | --- | --- |
| Mikhail Golubev | GM | UKR | 880 | 80 |
| Sergei Zhigalko | GM | INT | 856 | 78 |
| Gata Kamsky | GM | USA | 847 | 78 |
| Alexander Rustemov | GM | RUS | 835 | 77 |
| Hajiyev Kanan | FM | AZE | 794 | 74 |
| Alexander Reprintsev | IM | UKR | 776 | 73 |
| Hikaru Nakamura | GM | USA | 772 | 71 |
| Nikolai Vlassov | IM | INT | 765 | 72 |
| Matthias Bluebaum | GM | DEU | 758 | 71 |
| Matfey Rogov | CM | ZAF | 758 | 75 |
| Oleksandr Bortnyk | GM | USA | 753 | 70 |
| Dimitri Korol | NM | UKR | 751 | 72 |
| Rushan Bogaudinov | FM | RUS | 750 | 74 |
| Dmitry Andreikin | GM | MDV | 746 | 69 |
| Artem Bardyk | FM | INT | 738 | 71 |
| Aleksei Sarana | GM | SRB | 735 | 67 |
| Daniel Barria | IM | CHL | 733 | 69 |
| Dawid Janaszak | FM | POL | 730 | 71 |
| Marcel Winkels | CM | NLD | 730 | 71 |
| David Paravyan | GM | RUS | 728 | 69 |

## 2.2 2) Longest participations streak

longest\_participation\_streak <- tournament\_streak %>%   
 slice\_head(n=20)  
kable(longest\_participation\_streak)

| name | title | fed | longest\_tour\_streak |
| --- | --- | --- | --- |
| Mikhail Golubev | GM | UKR | 79 |
| Gata Kamsky | GM | USA | 75 |
| Daniel Barria | IM | CHL | 55 |
| Hajiyev Kanan | FM | AZE | 51 |
| Jose Martinez | GM | MEX | 45 |
| Alexander Rustemov | GM | RUS | 45 |
| Asish Panda | NM | USA | 43 |
| Nikita Shandrygin | FM | SRB | 42 |
| Sergei Zhigalko | GM | INT | 42 |
| Jan-Krzysztof Duda | GM | POL | 41 |
| Evgeny Melikhov | FM | INT | 41 |
| Matfey Rogov | CM | ZAF | 35 |
| Aurelio Vila Dupla | FM | ESP | 35 |
| Rushan Bogaudinov | FM | RUS | 33 |
| Dawid Janaszak | FM | POL | 32 |
| Dmitry Gurevich | GM | USA | 31 |
| Dmitry Andreikin | GM | MDV | 30 |
| Felix Rose | CM | MEX | 30 |
| Daniel Rangel | FM | BRA | 30 |
| Daniel Rangel | FM | DEU | 30 |

## 2.3 3) Most games won (also show percentage)

most\_wins <- matches\_df %>%   
 group\_by(username, hero\_name) %>%   
 summarize(total\_wins = sum(first\_letter == "W", na.rm = T),  
 winning\_pct = mean(first\_letter == "W", na.rm = T)) %>%   
 ungroup() %>%   
 left\_join(player\_df %>% select(username, N\_participations, fed, title)) %>%   
 arrange(desc(total\_wins)) %>%   
 slice\_head(n=20) %>%   
 select(hero\_name, fed, title, total\_wins, N\_participations, winning\_pct)

`summarise()` has grouped output by 'username'. You can override using the  
`.groups` argument.  
Joining with `by = join\_by(username)`

kable(most\_wins)

| hero\_name | fed | title | total\_wins | N\_participations | winning\_pct |
| --- | --- | --- | --- | --- | --- |
| Hikaru Nakamura | USA | GM | 574 | 71 | 0.7435233 |
| Sergei Zhigalko | INT | GM | 559 | 78 | 0.6530374 |
| Aleksei Sarana | SRB | GM | 538 | 67 | 0.7319728 |
| Oleksandr Bortnyk | USA | GM | 536 | 70 | 0.7118194 |
| Gata Kamsky | USA | GM | 520 | 78 | 0.6139315 |
| Dmitry Andreikin | MDV | GM | 505 | 69 | 0.6769437 |
| Matthias Bluebaum | DEU | GM | 491 | 71 | 0.6477573 |
| Jose Martinez | MEX | GM | 490 | 70 | 0.7020057 |
| Alexander Rustemov | RUS | GM | 468 | 77 | 0.5604790 |
| Mikhail Golubev | UKR | GM | 436 | 80 | 0.4954545 |
| David Paravyan | RUS | GM | 434 | 69 | 0.5961538 |
| José Carlos Ibarra Jerez | ESP | GM | 429 | 60 | 0.6509863 |
| Artem Bardyk | INT | FM | 421 | 71 | 0.5704607 |
| Vasif Durarbayli | AZE | GM | 407 | 62 | 0.6419558 |
| Matfey Rogov | ZAF | CM | 406 | 75 | 0.5356201 |
| Jeffery Xiong | USA | GM | 403 | 55 | 0.6936317 |
| Nikolai Vlassov | INT | IM | 396 | 72 | 0.5176471 |
| Goltsev Dmitry | RUS | FM | 395 | 70 | 0.5708092 |
| Rudik Makarian | RUS | IM | 394 | 65 | 0.6512397 |
| Matvey Galchenko | RUS | IM | 379 | 55 | 0.6369748 |

### 2.3.1 3b) Most games lost (with % played)

most\_losses <- matches\_df %>%   
 group\_by(username, hero\_name) %>%   
 summarize(total\_losses = sum(first\_letter == "L", na.rm = T),  
 losing\_pct = mean(first\_letter == "L", na.rm = T)) %>%   
 ungroup() %>%   
 left\_join(player\_df %>% select(username, N\_participations, fed, title, rating\_best,best\_Place, median\_score, max\_score)) %>%   
 arrange(desc(total\_losses)) %>%   
 slice\_head(n=20) %>%   
 select(hero\_name, fed, title, total\_losses, N\_participations, losing\_pct, rating\_best,best\_Place, median\_score, max\_score)

`summarise()` has grouped output by 'username'. You can override using the  
`.groups` argument.  
Joining with `by = join\_by(username)`

kable(most\_losses)

| hero\_name | fed | title | total\_losses | N\_participations | losing\_pct | rating\_best | best\_Place | median\_score | max\_score |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Marcel Winkels | NLD | CM | 560 | 71 | 0.7724138 | 2161 | 212 | 2.0 | 5.0 |
| mauro vargas | COL | FM | 509 | 69 | 0.8144000 | 2415 | 118 | 2.0 | 6.0 |
| Aurelio Vila Dupla | ESP | FM | 420 | 65 | 0.6635071 | 2213 | 160 | 3.0 | 5.5 |
| Rushan Bogaudinov | RUS | FM | 404 | 74 | 0.5386667 | 2391 | 93 | 4.5 | 6.5 |
| Dimitri Korol | UKR | NM | 403 | 72 | 0.5366178 | 2407 | 72 | 4.5 | 6.5 |
| Guadalupe Montano Vicente | MEX | NM | 393 | 58 | 0.6228209 | 2281 | 188 | 3.5 | 5.0 |
| Carlos Eduardo Cardozo Munar | COL | FM | 378 | 63 | 0.5962145 | 2296 | 112 | 4.0 | 6.0 |
| Alexander Reprintsev | UKR | IM | 372 | 73 | 0.4793814 | 2512 | 50 | 5.0 | 7.0 |
| Mikhail Golubev | UKR | GM | 370 | 80 | 0.4204545 | 2598 | 25 | 6.0 | 8.0 |
| Hajiyev Kanan | AZE | FM | 363 | 74 | 0.4571788 | 2554 | 64 | 5.5 | 7.0 |
| CAMPO ELIAS GUZMAN | COL | CM | 361 | 58 | 0.6539855 | 2054 | 199 | 3.0 | 5.5 |
| Michal Mazurkiewicz | POL | CM | 326 | 66 | 0.4766082 | 2455 | 85 | 5.0 | 7.0 |
| Eduardo Barbosa Mesquita | BRA | NM | 325 | 56 | 0.5793226 | 2501 | 111 | 4.0 | 6.0 |
| Ratko Novak | HRV | CM | 314 | 62 | 0.5709091 | 2351 | 124 | 4.0 | 6.0 |
| Viktor Poddubnyi | INT | FM | 312 | 47 | 0.6105675 | 2325 | 147 | 4.0 | 6.0 |
| Teimur Toktomushev | UKR | FM | 310 | 64 | 0.4761905 | 2566 | 82 | 5.0 | 7.0 |
| Matfey Rogov | ZAF | CM | 310 | 75 | 0.4089710 | 2692 | 28 | 6.0 | 8.0 |
| Asa Hoffmann | USA | FM | 309 | 65 | 0.5819209 | 2417 | 108 | 3.0 | 6.0 |
| Pappu Murthy | USA | NM | 308 | 41 | 0.7439614 | 1880 | 262 | 3.0 | 4.0 |
| Han Schut | NLD | CM | 305 | 54 | 0.6112224 | 2310 | 158 | 3.5 | 6.0 |

### 2.3.2 3c) Most games drawn

most\_draws <- matches\_df %>%   
 group\_by(username, hero\_name) %>%   
 summarize(total\_draws = sum(first\_letter == "D", na.rm = T),  
 drawing\_pct = mean(first\_letter == "D", na.rm = T)) %>%   
 ungroup() %>%   
 left\_join(player\_df %>% select(username, N\_participations, fed, title)) %>%   
 arrange(desc(total\_draws)) %>%   
 slice\_head(n=20) %>%   
 select(hero\_name, fed, title, total\_draws, N\_participations, drawing\_pct)

`summarise()` has grouped output by 'username'. You can override using the  
`.groups` argument.  
Joining with `by = join\_by(username)`

kable(most\_draws)

| hero\_name | fed | title | total\_draws | N\_participations | drawing\_pct |
| --- | --- | --- | --- | --- | --- |
| David Paravyan | RUS | GM | 208 | 69 | 0.2857143 |
| Gata Kamsky | USA | GM | 171 | 78 | 0.2018890 |
| Matthias Bluebaum | DEU | GM | 146 | 71 | 0.1926121 |
| Alexander Rustemov | RUS | GM | 144 | 77 | 0.1724551 |
| Dmitry Andreikin | MDV | GM | 127 | 69 | 0.1702413 |
| Hikaru Nakamura | USA | GM | 125 | 71 | 0.1619171 |
| Aleksandra Goryachkina | RUS | GM | 105 | 52 | 0.1858407 |
| Guillermo Baches Garcia | ESP | IM | 101 | 72 | 0.1653028 |
| Jeffery Xiong | USA | GM | 91 | 55 | 0.1566265 |
| Alexei Shirov | ESP | GM | 87 | 56 | 0.1515679 |
| Bogdan Daniel Deac | ROU | GM | 86 | 51 | 0.1535714 |
| Jose Martinez | MEX | GM | 86 | 70 | 0.1232092 |
| Rustam Rustamov | AZE | FM | 85 | 45 | 0.1855895 |
| Goltsev Dmitry | RUS | FM | 84 | 70 | 0.1213873 |
| Alexander Reprintsev | UKR | IM | 82 | 73 | 0.1056701 |
| Denis Lazavik | BLR | GM | 81 | 47 | 0.1600791 |
| Dimitri Korol | UKR | NM | 81 | 72 | 0.1078562 |
| Kirill Klukin | ARE | IM | 80 | 54 | 0.1381693 |
| Rasmus Svane | DEU | GM | 79 | 53 | 0.1357388 |
| Daniel Naroditsky | USA | GM | 78 | 41 | 0.1809745 |

## 2.4 4) Highest winning % with white and black

\*\* I filtered for players that played at least 30 games with the specific color \*\* \* Maybe do a test for signficiance if the ranking is not clear \* Low sample size will favor more extreme results (like high win rates)

# player\_df\_50\_games <- player\_df %>% filter(N\_participations > 25) %>% arrange(desc(avg\_score)) %>% head(20) %>% pull(username)  
  
games\_color <- results\_df %>%   
# filter(username %in% player\_df\_50\_games) %>%   
 pivot\_longer(cols = -c(username, games\_w\_White, games\_w\_Black)) %>%   
 mutate(win\_white\_pct = round(value / games\_w\_White, 4),  
 win\_black\_pct = round(value / games\_w\_Black, 4),  
 lose\_white\_pct = round(value / games\_w\_White, 4),  
 lose\_black\_pct = round(value / games\_w\_Black, 4))  
   
names(games\_color)[4] <- "result\_color"  
  
winning\_percentages <- games\_color %>% filter(result\_color %in% c("win\_White", "win\_Black"))  
  
top\_30\_win\_white <- winning\_percentages %>%   
 filter(games\_w\_White >= 30,  
 result\_color == "win\_White") %>%   
 arrange(desc(win\_white\_pct)) %>%   
 left\_join(player\_df %>% select(username, name, title, fed)) %>%   
 select(username, name, games\_w\_White, win\_white\_pct, title, fed) %>%   
 slice\_head(n=30)

Joining with `by = join\_by(username)`

kable(top\_30\_win\_white)

| username | name | games\_w\_White | win\_white\_pct | title | fed |
| --- | --- | --- | --- | --- | --- |
| howitzer14 | David Howell | 75 | 0.9067 | GM | GBR |
| Konavets | Sam Sevian | 46 | 0.8696 | GM | USA |
| MagnusCarlsen | Magnus Carlsen | 234 | 0.8120 | GM | NOR |
| mishanick | Aleksei Sarana | 372 | 0.8065 | GM | SRB |
| Hikaru | Hikaru Nakamura | 391 | 0.8005 | GM | USA |
| LevonAronian | Levon Aronian | 81 | 0.7778 | GM | USA |
| amintabatabaei | Amin Tabatabaei | 47 | 0.7660 | GM | IRN |
| Duhless | Daniil Dubov | 102 | 0.7647 | GM | RUS |
| theredking89 | Juan Carlos Obregon Rivero | 34 | 0.7647 | GM | MEX |
| iturrizaga | Eduardo Iturrizaga Bonelli | 37 | 0.7568 | GM | ESP |
| ChristopherYoo | Christopher Woojin Yoo | 199 | 0.7538 | GM | USA |
| HansOnTwitch | Hans Niemann | 186 | 0.7527 | GM | USA |
| AlexOstrovskiy | Alex Ostrovskiy | 40 | 0.7500 | IM | USA |
| LastGladiator1 | Aydin Suleymanli | 32 | 0.7500 | GM | AZE |
| nrvisakh | Visakh NR | 32 | 0.7500 | GM | IND |
| Grischuk | Alexander Grischuk | 190 | 0.7474 | GM | RUS |
| BillieKimbah | Maxim Matlakov | 39 | 0.7436 | GM | RUS |
| Antipov\_Mikhail\_Al | Mikhail Antipov | 35 | 0.7429 | GM | USA |
| Oleksandr\_Bortnyk | Oleksandr Bortnyk | 389 | 0.7429 | GM | USA |
| FabianoCaruana | Fabiano Caruana | 162 | 0.7407 | GM | USA |
| Firouzja2003 | Alireza Firouzja | 207 | 0.7391 | GM | FRA |
| Sam\_ChessMood | Samvel Ter-Sahakyan | 107 | 0.7383 | GM | ARM |
| Macho\_2006 | Mukhiddin Madaminov | 87 | 0.7356 | GM | UZB |
| DenLaz | Denis Lazavik | 260 | 0.7346 | GM | BLR |
| Bigfish1995 | Vladimir Fedoseev | 89 | 0.7303 | GM | SVN |
| SpeedofLight0 | Andrew Hong | 196 | 0.7296 | GM | USA |
| ViIIagra | Cristobal Henriquez | 118 | 0.7288 | GM | CHL |
| lachesisQ | Ian Nepomniachtchi | 125 | 0.7280 | GM | RUS |
| vi\_pranav | Pranav V | 180 | 0.7278 | GM | IND |
| LiemLe | Liem Le | 117 | 0.7265 | GM | VNM |

Howitzer being best is not surprising as he often misses the first games and the only playes against lower rated players. He achvieved several really long winning streaks with that strategy in 2023. Konavets could be excluded with currently “only” 46 games with White. Might change towards the end of the year, and then Magnus would be number one.

top\_30\_win\_black <- winning\_percentages %>%   
 filter(games\_w\_Black >= 30,  
 result\_color == "win\_Black") %>%   
 arrange(desc(win\_black\_pct)) %>%   
 left\_join(player\_df %>% select(username, name, title, fed)) %>%   
 select(username, name, games\_w\_Black, win\_black\_pct, title, fed) %>%   
 slice\_head(n=30)

Joining with `by = join\_by(username)`

kable(top\_30\_win\_black)

| username | name | games\_w\_Black | win\_black\_pct | title | fed |
| --- | --- | --- | --- | --- | --- |
| howitzer14 | David Howell | 61 | 0.9016 | GM | GBR |
| MagnusCarlsen | Magnus Carlsen | 246 | 0.7358 | GM | NOR |
| youngKID | Karthikeyan Murali | 34 | 0.7353 | GM | IND |
| Javokhir\_Sindarov05 | Javokhir Sindarov | 114 | 0.7281 | GM | UZB |
| Sina\_Movahed | Sina Movahed | 79 | 0.7215 | IM | IRN |
| nihalsarin | Nihal Sarin | 147 | 0.7211 | GM | IND |
| Firouzja2003 | Alireza Firouzja | 197 | 0.7208 | GM | FRA |
| LyonBeast | Maxime Vachier-Lagrave | 82 | 0.7195 | GM | FRA |
| Polish\_fighter3000 | Jan-Krzysztof Duda | 262 | 0.7176 | GM | POL |
| azikom | Azer Mirzoev | 144 | 0.7153 | GM | AZE |
| Genghis\_K | Federico Perez Ponsa | 77 | 0.7143 | GM | ARG |
| GOGIEFF | Anton Korobov | 69 | 0.7101 | GM | UKR |
| Volodar\_Murzin | Volodar Murzin | 55 | 0.7091 | GM | RUS |
| wonderfultime | Tuan Minh Le | 219 | 0.7032 | GM | VNM |
| Prizant\_academy | Ivan Zemlyanskii | 84 | 0.7024 | GM | RUS |
| Igor\_Janik | Igor Janik | 30 | 0.7000 | GM | POL |
| viditchess | Vidit Gujrathi | 36 | 0.6944 | GM | IND |
| lachesisQ | Ian Nepomniachtchi | 123 | 0.6911 | GM | RUS |
| Indianlad | S.L. Narayanan | 32 | 0.6875 | GM | IND |
| SpeedofLight0 | Andrew Hong | 198 | 0.6869 | GM | USA |
| Vaathi\_Coming | Aravindh Chithambaram | 143 | 0.6853 | GM | IND |
| Hikaru | Hikaru Nakamura | 381 | 0.6850 | GM | USA |
| Salem-AR | Salem AR Saleh | 60 | 0.6833 | GM | ARE |
| Oleksandr\_Bortnyk | Oleksandr Bortnyk | 364 | 0.6786 | GM | USA |
| Jospem | Jose Martinez | 342 | 0.6784 | GM | MEX |
| legendisback1 | Yagiz Kaan Erdogmus | 37 | 0.6757 | GM | TUR |
| GHANDEEVAM2003 | Arjun Erigaisi | 166 | 0.6747 | GM | IND |
| MITerryble | Renato Terry | 213 | 0.6714 | IM | PER |
| FabianoCaruana | Fabiano Caruana | 160 | 0.6688 | GM | USA |
| Jumbo | Rinat Jumabayev | 75 | 0.6667 | GM | SGP |

Again David Howell is number one.

### 2.4.1 4b. Lowest losing % with white and black

losing\_percentages <- games\_color %>% filter(result\_color %in% c("lose\_White", "lose\_Black"))  
  
top\_30\_lose\_white <- losing\_percentages %>%   
 filter(games\_w\_White >= 30,  
 result\_color == "lose\_White") %>%   
 arrange(lose\_white\_pct) %>%   
 left\_join(player\_df %>% select(username, name, title, fed)) %>%   
 select(username, name, games\_w\_White, lose\_white\_pct, title, fed) %>%   
 slice\_head(n=30)

Joining with `by = join\_by(username)`

kable(top\_30\_lose\_white)

| username | name | games\_w\_White | lose\_white\_pct | title | fed |
| --- | --- | --- | --- | --- | --- |
| howitzer14 | David Howell | 75 | 0.0533 | GM | GBR |
| Hikaru | Hikaru Nakamura | 391 | 0.0588 | GM | USA |
| Konavets | Sam Sevian | 46 | 0.0652 | GM | USA |
| Azerichess | Shakhriyar Mamedyarov | 49 | 0.0816 | GM | AZE |
| MagnusCarlsen | Magnus Carlsen | 234 | 0.0855 | GM | NOR |
| Grischuk | Alexander Grischuk | 190 | 0.1105 | GM | RUS |
| dropstoneDP | David Paravyan | 362 | 0.1133 | GM | RUS |
| LevonAronian | Levon Aronian | 81 | 0.1235 | GM | USA |
| HansOnTwitch | Hans Niemann | 186 | 0.1237 | GM | USA |
| Murad\_Ibrahimli | Murad İbrahimli | 30 | 0.1333 | IM | AZE |
| TigrVShlyape | Gata Kamsky | 424 | 0.1344 | GM | USA |
| iturrizaga | Eduardo Iturrizaga Bonelli | 37 | 0.1351 | GM | ESP |
| FabianoCaruana | Fabiano Caruana | 162 | 0.1358 | GM | USA |
| lachesisQ | Ian Nepomniachtchi | 125 | 0.1360 | GM | RUS |
| Duhless | Daniil Dubov | 102 | 0.1373 | GM | RUS |
| DenLaz | Denis Lazavik | 260 | 0.1385 | GM | BLR |
| Firouzja2003 | Alireza Firouzja | 207 | 0.1401 | GM | FRA |
| DanielNaroditsky | Daniel Naroditsky | 220 | 0.1409 | GM | USA |
| jefferyx | Jeffery Xiong | 298 | 0.1409 | GM | USA |
| FairChess\_on\_YouTube | Dmitry Andreikin | 383 | 0.1410 | GM | MDV |
| mishanick | Aleksei Sarana | 372 | 0.1425 | GM | SRB |
| Antipov\_Mikhail\_Al | Mikhail Antipov | 35 | 0.1429 | GM | USA |
| wonderfultime | Tuan Minh Le | 238 | 0.1429 | GM | VNM |
| Msb2 | Matthias Bluebaum | 381 | 0.1470 | GM | DEU |
| amintabatabaei | Amin Tabatabaei | 47 | 0.1489 | GM | IRN |
| ChristopherYoo | Christopher Woojin Yoo | 199 | 0.1508 | GM | USA |
| nihalsarin | Nihal Sarin | 152 | 0.1513 | GM | IND |
| Jospem | Jose Martinez | 356 | 0.1517 | GM | MEX |
| Javokhir\_Sindarov05 | Javokhir Sindarov | 124 | 0.1532 | GM | UZB |
| Elsa167 | Leon Livaic | 91 | 0.1538 | GM | HRV |

David Howell making an appearance again, but I love to see that Hikaru and Sam Sevian show a distinctly low losing percentage with white.

top\_30\_lose\_black <- losing\_percentages %>%   
 filter(games\_w\_Black >= 30,  
 result\_color == "lose\_Black") %>%   
 arrange(lose\_black\_pct) %>%   
 left\_join(player\_df %>% select(username, name, title, fed)) %>%   
 select(username, name, games\_w\_Black, lose\_black\_pct, title, fed) %>%   
 slice\_head(n=30)

Joining with `by = join\_by(username)`

kable(top\_30\_lose\_black)

| username | name | games\_w\_Black | lose\_black\_pct | title | fed |
| --- | --- | --- | --- | --- | --- |
| howitzer14 | David Howell | 61 | 0.0328 | GM | GBR |
| LyonBeast | Maxime Vachier-Lagrave | 82 | 0.1098 | GM | FRA |
| dropstoneDP | David Paravyan | 366 | 0.1230 | GM | RUS |
| Hikaru | Hikaru Nakamura | 381 | 0.1312 | GM | USA |
| DanielNaroditsky | Daniel Naroditsky | 211 | 0.1374 | GM | USA |
| MagnusCarlsen | Magnus Carlsen | 246 | 0.1504 | GM | NOR |
| FormerProdigy | David Navara | 72 | 0.1528 | GM | CZE |
| DrKerfuffle | DrKerfuffle | 38 | 0.1579 | IM | CHL |
| DenLaz | Denis Lazavik | 246 | 0.1585 | GM | BLR |
| jefferyx | Jeffery Xiong | 283 | 0.1590 | GM | USA |
| Polish\_fighter3000 | Jan-Krzysztof Duda | 262 | 0.1603 | GM | POL |
| nihalsarin | Nihal Sarin | 147 | 0.1633 | GM | IND |
| FairChess\_on\_YouTube | Dmitry Andreikin | 363 | 0.1653 | GM | MDV |
| Prizant\_academy | Ivan Zemlyanskii | 84 | 0.1667 | GM | RUS |
| AnishOnYoutube | Anish Giri | 77 | 0.1688 | GM | NLD |
| Msb2 | Matthias Bluebaum | 377 | 0.1724 | GM | DEU |
| Grischuk | Alexander Grischuk | 182 | 0.1758 | GM | RUS |
| youngKID | Karthikeyan Murali | 34 | 0.1765 | GM | IND |
| Duhless | Daniil Dubov | 98 | 0.1837 | GM | RUS |
| Sychev\_Klementy | Klementy Sychev | 63 | 0.1905 | GM | SOM |
| Firouzja2003 | Alireza Firouzja | 197 | 0.1929 | GM | FRA |
| 1stSecond | Nikita Meshkovs | 31 | 0.1935 | GM | LVA |
| HansOnTwitch | Hans Niemann | 182 | 0.1978 | GM | USA |
| Jospem | Jose Martinez | 342 | 0.1988 | GM | MEX |
| FabianoCaruana | Fabiano Caruana | 160 | 0.2000 | GM | USA |
| Igor\_Janik | Igor Janik | 30 | 0.2000 | GM | POL |
| Salem-AR | Salem AR Saleh | 60 | 0.2000 | GM | ARE |
| wonderfultime | Tuan Minh Le | 219 | 0.2009 | GM | VNM |
| SpeedofLight0 | Andrew Hong | 198 | 0.2020 | GM | USA |
| PeshkaCh | Tykhon Cherniaiev | 107 | 0.2056 | FM | UKR |

A bit ridiculous, David Howell only losing 3.3 % with Black compared to 11 % MVL and 12 % Paravyan and 13 % Nakamura. I think that points in the direction of not giving him the Award in these categories. On a personal note I highly appreaciate him and his tournament commentary. It is just strange that he follows this strategy on Titled Tuesday. I once reached out to him on Twitter/X but he never replied. Very cool that Daniel Naroditsky is also ahead of Magnus Carlsen in that category.

## 2.5 5) Longest winning streak

It is not easy to establish a winning streak in the titled tournament. The average maximum winning streak of Grand Masters is 4.93 games. International Masters get to 3.48 on average and the longest winning streak of Fide Masters is only 3.1 in Titled Tuesday tournaments 2024. Candidate Masters (2.77), National Masters (2.59).

The table below shows the median, mean and max winning streaks summarized by titles.

streak\_results <- winning\_streak %>%  
 filter(title %in% c("GM", "IM", "FM", "CM", "NM")) %>%   
 group\_by(title) %>%   
 summarize(median = median(winning\_streak),  
 mean = round(mean(winning\_streak), 2),  
 max = max(winning\_streak),  
 `No. of players` = n())  
  
streak\_results$title <- factor(streak\_results$title, levels = c("GM", "IM", "FM", "CM", "NM"), ordered = TRUE)  
  
kable(streak\_results[order(streak\_results$title), ], caption = "Winning streaks for different titles")

Winning streaks for different titles

| title | median | mean | max | No. of players |
| --- | --- | --- | --- | --- |
| GM | 5 | 4.93 | 18 | 518 |
| IM | 3 | 3.48 | 11 | 701 |
| FM | 3 | 3.10 | 11 | 1438 |
| CM | 3 | 2.77 | 10 | 711 |
| NM | 3 | 2.59 | 7 | 630 |

longest\_wins <- winning\_streak %>% select(name, title, fed, winning\_streak) %>%   
 slice\_head(n=20)  
   
kable(longest\_wins)

| name | title | fed | winning\_streak |
| --- | --- | --- | --- |
| Magnus Carlsen | GM | NOR | 18 |
| Hikaru Nakamura | GM | USA | 14 |
| Leinier Dominguez Perez | GM | USA | 13 |
| Ian Nepomniachtchi | GM | RUS | 13 |
| Daniil Dubov | GM | RUS | 12 |
| Jose Martinez | GM | MEX | 12 |
| Matthias Bluebaum | GM | DEU | 12 |
| Andrew Hong | GM | USA | 12 |
| Aleksei Sarana | GM | SRB | 12 |
| Vasif Durarbayli | GM | AZE | 11 |
| Hans Niemann | GM | USA | 11 |
| Igor L. Vakhlamov | FM | RUS | 11 |
| Javokhir Sindarov | GM | UZB | 11 |
| Mateusz Bartel | GM | POL | 11 |
| Oleksandr Bortnyk | GM | USA | 11 |
| Rudik Makarian | IM | RUS | 11 |
| Samvel Ter-Sahakyan | GM | ARM | 11 |
| Jeffery Xiong | GM | USA | 11 |
| Christopher Woojin Yoo | GM | USA | 10 |
| Dmitry Andreikin | GM | MDV | 10 |

## 2.6 6) Perfect day? compare to attempts

The only players that accomplished a perfect game in 2024 were Magnus Carlsen and Jose Martinez.

perfect\_day <- TT %>% filter(score == 11) %>%   
 select(date\_time, name, title, fed, score)  
   
kable(perfect\_day)

| date\_time | name | title | fed | score |
| --- | --- | --- | --- | --- |
| 2024-08-06\_late | Magnus Carlsen | GM | NOR | 11 |
| 2024-08-27\_late | Jose Martinez | GM | MEX | 11 |

This allowed them to get to 18 and 12 wins respectively.

## 2.7 7) Sweeping the day with attempts (winning early and late tournament)

In 2023 six players accomplished the feat of winning both the early and late event on the same day. \*Wesley So, Hikaru Nakamura, MVL, Alireza Firouzja, Jose Martinez, and Magnus Carlsen.

But so far in 2024 only Hikaru Nakamura won both the early and late TT tournament.

sweep <- TT %>% filter(number == 1) %>%   
 count(date, username, name, title, fed, rating) %>%   
 filter(n == 2) %>%   
 select(date, username, name, title, fed, rating) %>%   
 left\_join(player\_df %>% select(name, N\_participations))

Joining with `by = join\_by(name)`

kable(sweep)

| date | username | name | title | fed | rating | N\_participations |
| --- | --- | --- | --- | --- | --- | --- |
| 2024-04-23 | Hikaru | Hikaru Nakamura | GM | USA | 3276 | 71 |
| 2024-05-14 | Hikaru | Hikaru Nakamura | GM | USA | 3276 | 71 |

When we look even deeper into it and check how often a player participated in both the early and late tournament we get the following result:

temp\_dates <- TT %>% filter(number == 1) %>%   
 count(name, date) %>%   
 filter(n == 2) %>%   
 arrange(date) %>% pull(date)  
  
temp\_names <- TT %>% filter(date %in% temp\_dates,  
 number %in% 1) %>% # show second place?   
 arrange(date, time) %>%   
 select(date, time, number, fed, title, name, username, score) %>%   
 pull(name) %>% unique()  
  
same\_day\_part <- TT %>% filter(name %in% temp\_names) %>%   
 count(name, date) %>% # show line by line  
 filter(n == 2) %>% count(name, sort = TRUE) %>%   
 arrange(n)  
  
kable(same\_day\_part)

| name | n |
| --- | --- |
| Hikaru Nakamura | 33 |

Hikaru played both tournaments 33 times.

This year 3 other players and Hikaru came close to sweeping the day.

* 11 June: Hikaru Nakamura placed 2nd (same points as Aleksei Sarana) in the early tournament but won the late event
* 2 July: Arjun Erigaisi placed 2nd both in the early and late tournament both times with the same points (9.5) as the winners (Dmitry Andreikin and Hikaru Nakamura
* 13 August: Magnus Carlsen placed 2nd in the early and late event that day
* 20 August: Jeffery Xiong placed 2nd in the early and late event that day

win\_both <- TT %>% filter(number == 1) %>%   
 count(date, username, name) %>%   
 filter(n == 2) %>% pull(date)  
  
win\_both2 <- TT %>% filter(number %in% 1:2) %>%   
 count(date, username, name) %>%   
 filter(n == 2) %>% arrange(date) %>% pull(date)  
  
came\_close <- win\_both2[!win\_both2 %in% win\_both]  
  
coming\_close <- TT %>% filter(date %in% came\_close, number %in% 1:2) %>%   
 select(date, time, number, name, score, buchholz\_cut\_1)  
  
kable(coming\_close)

| date | time | number | name | score | buchholz\_cut\_1 |
| --- | --- | --- | --- | --- | --- |
| 2024-06-11 | early | 1 | Aleksei Sarana | 10.0 | 80.0 |
| 2024-06-11 | early | 2 | Hikaru Nakamura | 10.0 | 80.0 |
| 2024-06-11 | late | 1 | Hikaru Nakamura | 10.5 | 74.5 |
| 2024-06-11 | late | 2 | Alireza Firouzja | 9.0 | 75.5 |
| 2024-07-02 | early | 1 | Dmitry Andreikin | 9.5 | 79.0 |
| 2024-07-02 | early | 2 | Arjun Erigaisi | 9.5 | 73.5 |
| 2024-07-02 | late | 1 | Hikaru Nakamura | 9.5 | 78.5 |
| 2024-07-02 | late | 2 | Arjun Erigaisi | 9.5 | 70.5 |
| 2024-08-13 | early | 1 | Jose Martinez | 10.0 | 77.5 |
| 2024-08-13 | early | 2 | Magnus Carlsen | 10.0 | 75.5 |
| 2024-08-13 | late | 1 | Jeffery Xiong | 10.0 | 66.5 |
| 2024-08-13 | late | 2 | Magnus Carlsen | 9.5 | 81.5 |
| 2024-08-20 | early | 1 | Jaime Santos Latasa | 9.5 | 72.0 |
| 2024-08-20 | early | 2 | Jeffery Xiong | 9.5 | 70.0 |
| 2024-08-20 | late | 1 | Magnus Carlsen | 9.5 | 76.0 |
| 2024-08-20 | late | 2 | Jeffery Xiong | 9.0 | 77.0 |

## 2.8 8) Lowest rated player to win the tournament

The table below shows the median, mean and max winning streaks summarized by titles.

lowest\_rated\_winner <- TT %>%  
 filter(number == 1,  
 rating < 3000) %>%   
 arrange(rating) %>%   
 select(number, name, title, fed, rating, score, date\_time) %>%   
 #left\_join(player\_df %>% select(name, rating\_avg, rating\_best, N\_participations))  
 left\_join(player\_df %>% select(name, N\_participations))

Joining with `by = join\_by(name)`

kable(lowest\_rated\_winner, caption = 'Winning with a "relatively low" rating')

Winning with a “relatively low” rating

| number | name | title | fed | rating | score | date\_time | N\_participations |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Kacper Piorun | GM | POL | 2844 | 10.0 | 2024-02-06\_early | 10 |
| 1 | Vladislav Kovalev | GM | INT | 2875 | 10.0 | 2024-05-21\_early | 52 |
| 1 | Jaime Santos Latasa | GM | ESP | 2934 | 9.5 | 2024-08-20\_early | 38 |
| 1 | Velimir Ivic | GM | SRB | 2963 | 10.0 | 2024-02-20\_late | 19 |
| 1 | Eduardo Iturrizaga Bonelli | GM | ESP | 2978 | 9.5 | 2024-01-09\_early | 9 |
| 1 | David Paravyan | GM | RUS | 2992 | 10.0 | 2024-04-09\_late | 69 |
| 1 | Awonder Liang | GM | USA | 2993 | 10.0 | 2024-06-25\_early | 2 |

## 2.9 9) Biggest rating difference to win (for white and black)

I think this is an interesting categories, but one would have to check the individual games to see whether the win happened due to a disconnect or other errors. Also, as the reward relies on rating differences one would have to look into why some titled players have really low rating.

# Lower rated player winning with White  
matches\_df %>% mutate(rating\_difference = hero\_rating - opponent\_rating) %>%   
 filter(color == "white") %>%   
 filter(result == "win" & hero\_rating < opponent\_rating) %>%   
 arrange(rating\_difference) %>%   
 select(date\_time, title, fed, hero\_name, hero\_rating, round, color, result, opponent\_name, opponent\_rating, rating\_difference) %>%   
 slice\_head(n=10)

# A tibble: 10 × 11  
 date\_time title fed hero\_name hero\_rating round color result opponent\_name  
 <chr> <chr> <chr> <chr> <dbl> <chr> <chr> <chr> <chr>   
 1 2024-05-0… WCM NPL Monalish… 852 rnd7 white win Dan Herman   
 2 2024-05-0… WCM NPL Monalish… 852 rnd10 white win Rebeca Jimén…  
 3 2024-05-2… WCM MEX Geo Cast… 1412 rnd3 white win Mikhail Kaza…  
 4 2024-05-2… WCM MEX Geo Cast… 1412 rnd6 white win David Rodríg…  
 5 2024-05-2… WCM MEX Geo Cast… 1412 rnd10 white win Roshan Sethu…  
 6 2024-05-2… WCM MEX Geo Cast… 1412 rnd3 white win Alexander Sp…  
 7 2024-05-2… IM PHL Barlo Na… 1721 rnd6 white win Deyan Kostov   
 8 2024-07-1… WCM NZL Xiahan (… 1985 rnd9 white win Arystanbek U…  
 9 2024-04-3… IM PHL Barlo Na… 1721 rnd9 white win Maksims Golu…  
10 2024-04-1… CM DEU Andreas … 2065 rnd3 white win Yaacov Norow…  
# ℹ 2 more variables: opponent\_rating <dbl>, rating\_difference <dbl>

# Lower rated player winning with Black  
matches\_df %>% mutate(rating\_difference = hero\_rating - opponent\_rating) %>%   
 filter(color == "black") %>%   
 filter(result == "win" & hero\_rating < opponent\_rating) %>%   
 arrange(rating\_difference) %>%   
 select(date\_time, title, fed, hero\_name, hero\_rating, round, color, result, opponent\_name, opponent\_rating, rating\_difference) %>%   
 slice\_head(n=10)

# A tibble: 10 × 11  
 date\_time title fed hero\_name hero\_rating round color result opponent\_name  
 <chr> <chr> <chr> <chr> <dbl> <chr> <chr> <chr> <chr>   
 1 2024-05-0… WCM NPL Monalish… 852 rnd11 black win Denis Denise…  
 2 2024-05-0… WCM NPL Monalish… 852 rnd6 black win Alberto Fabr…  
 3 2024-01-0… WFM GBR Sarah de… 1591 rnd7 black win Novendra Pri…  
 4 2024-09-2… CM COL Juan Die… 1840 rnd3 black win Vugar Rasulov  
 5 2024-06-1… IM PHL Barlo Na… 1721 rnd10 black win Goltsev Dmit…  
 6 2024-01-3… WCM JEY Lula Rob… 1462 rnd8 black win Sujana Lohani  
 7 2024-05-2… IM PHL Barlo Na… 1721 rnd7 black win Pablo Zarnic…  
 8 2024-06-1… IM PHL Barlo Na… 1721 rnd11 black win Nikolai Vlas…  
 9 2024-02-2… NM ROU IULIAN N… 1978 rnd6 black win Mikhail Brya…  
10 2024-02-2… CM MEX David He… 1936 rnd4 black win Egor Koshuly…  
# ℹ 2 more variables: opponent\_rating <dbl>, rating\_difference <dbl>

## 2.10 9b) Biggest rating difference to draw (for white and black)

The draw results look much more reasonable, but one would still have to check the games to rule out that two players agreed on a draw within the first moves etc.

# Lower rated player winning with White  
matches\_df %>% mutate(rating\_difference = hero\_rating - opponent\_rating) %>%   
 filter(color == "white") %>%   
 filter(result == "draw" & hero\_rating < opponent\_rating) %>%   
 arrange(rating\_difference) %>%   
 select(date\_time, title, fed, hero\_name, hero\_rating, round, color, result, opponent\_name, opponent\_rating, rating\_difference) %>%   
 slice\_head(n=10)

# A tibble: 10 × 11  
 date\_time title fed hero\_name hero\_rating round color result opponent\_name  
 <chr> <chr> <chr> <chr> <dbl> <chr> <chr> <chr> <chr>   
 1 2024-05-2… WCM MEX Geo Cast… 1412 rnd6 white draw Stanoje Jovic  
 2 2024-06-1… IM PHL Barlo Na… 1721 rnd9 white draw Ayushh Ravik…  
 3 2024-01-1… NM ARM Artak Ma… 2433 rnd1 white draw Magnus Carls…  
 4 2024-01-0… IM POL Lukasz N… 1545 rnd10 white draw Timur Yonal   
 5 2024-01-0… IM FRA Loic Tra… 2204 rnd7 white draw Pranesh M   
 6 2024-03-1… NM BRA Isaque G… 1844 rnd3 white draw Tomasz Jasko…  
 7 2024-01-0… WFM GBR Sarah de… 1591 rnd4 white draw Thomas Eggle…  
 8 2024-07-0… NM USA Joao Ota… 2015 rnd2 white draw Alessandro M…  
 9 2024-02-2… WFM DOM Patty Ca… 1847 rnd1 white draw Vlad Lymar   
10 2024-07-3… CM USA Neeraj H… 2287 rnd5 white draw David Howell   
# ℹ 2 more variables: opponent\_rating <dbl>, rating\_difference <dbl>

# Lower rated player winning with Black  
matches\_df %>% mutate(rating\_difference = hero\_rating - opponent\_rating) %>%   
 filter(color == "black") %>%   
 filter(result == "draw" & hero\_rating < opponent\_rating) %>%   
 arrange(rating\_difference) %>%   
 select(date\_time, title, fed, hero\_name, hero\_rating, round, color, result, opponent\_name, opponent\_rating, rating\_difference) %>%   
 slice\_head(n=10)

# A tibble: 10 × 11  
 date\_time title fed hero\_name hero\_rating round color result opponent\_name  
 <chr> <chr> <chr> <chr> <dbl> <chr> <chr> <chr> <chr>   
 1 2024-09-1… WCM TUR Arya Ayd… 1941 rnd1 black draw Antoni Radzi…  
 2 2024-06-2… IM PHL Barlo Na… 1721 rnd9 black draw Sultanbeibar…  
 3 2024-06-1… FM BRA Renato A… 1790 rnd1 black draw Mauri Lehtos…  
 4 2024-04-1… WFM CHE Stela Fa… 1631 rnd10 black draw Fabian Ficht…  
 5 2024-05-2… NM UKR Dimitri … 2407 rnd7 black draw Bogdan Danie…  
 6 2024-07-1… CM MRT Mohamed … 1919 rnd2 black draw Aref Vasli   
 7 2024-08-2… FM DEU Jan Boder 2405 rnd3 black draw Grigoriy Opa…  
 8 2024-02-0… NM BRA Isaque G… 1844 rnd5 black draw Reinis Paike…  
 9 2024-01-0… IM POL Lukasz N… 1545 rnd8 black draw Pablo Pena   
10 2024-09-2… FM BRA Renato A… 1790 rnd4 black draw Dmitrii Marc…  
# ℹ 2 more variables: opponent\_rating <dbl>, rating\_difference <dbl>

## 2.11 13) Biggest draw

In 2023 there was a draw with 8 players scoring 9 points (18 April) and a draw with 12 players scoring 9 points (8 August). In 2024 the biggest draw happend with 5 players scoring 9.5 points three times. All three of these draws happend in the first quarter of 2024 and in early tournaments with 9.5 points

Not as exciting to have “only” 5 players drawing and in the end it is pure luck on how the opponents you beat in your 11 games performed against their other opponents. But one could mention that MVL (79 buchholz cut 1), Jan-Krzysztof Duda (77 points) and Alireza Firouzja (77.5 points) were on top of these draws.

TT %>% group\_by(date\_time) %>%   
 filter(score == max(score)) %>%   
 count(date\_time) %>%   
 filter(n == 5)

# A tibble: 3 × 2  
# Groups: date\_time [3]  
 date\_time n  
 <chr> <int>  
1 2024-01-16\_early 5  
2 2024-02-13\_early 5  
3 2024-03-05\_early 5

draw1 <- TT %>% filter(date\_time == "2024-01-16\_early", number %in% 1:5) %>%   
# select(date, time, name, title, fed, score, buchholz\_cut\_1, rating, games\_played)  
 select(number, name, title, fed, score, buchholz\_cut\_1, rating, games\_played)  
  
print("2024-01-16\_early")

[1] "2024-01-16\_early"

kable(draw1)

| number | name | title | fed | score | buchholz\_cut\_1 | rating | games\_played |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Maxime Vachier-Lagrave | GM | FRA | 9.5 | 79.0 | 3125 | 11 |
| 2 | Jose Martinez | GM | MEX | 9.5 | 76.5 | 3073 | 11 |
| 3 | Vladimir Fedoseev | GM | SVN | 9.5 | 76.0 | 3064 | 11 |
| 4 | Hikaru Nakamura | GM | USA | 9.5 | 76.0 | 3276 | 11 |
| 5 | Jan-Krzysztof Duda | GM | POL | 9.5 | 73.5 | 3057 | 11 |

draw2 <- TT %>% filter(date\_time == "2024-02-13\_early", number %in% 1:5) %>%   
 select(date, time, name, title, fed, score, buchholz\_cut\_1, rating, games\_played)  
  
kable(draw2)

| date | time | name | title | fed | score | buchholz\_cut\_1 | rating | games\_played |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2024-02-13 | early | Jan-Krzysztof Duda | GM | POL | 9.5 | 77.0 | 3057 | 11 |
| 2024-02-13 | early | Yuriy Kuzubov | GM | UKR | 9.5 | 76.0 | 2973 | 11 |
| 2024-02-13 | early | Anton Korobov | GM | UKR | 9.5 | 71.5 | 3030 | 11 |
| 2024-02-13 | early | Denis Lazavik | GM | BLR | 9.5 | 69.0 | 3104 | 11 |
| 2024-02-13 | early | Vladimir Fedoseev | GM | SVN | 9.5 | 68.5 | 3064 | 11 |

draw2 <- TT %>% filter(date\_time == "2024-03-05\_early", number %in% 1:5) %>%   
 select(date, time, name, title, fed, score, buchholz\_cut\_1, rating, games\_played)  
  
kable(draw2)

| date | time | name | title | fed | score | buchholz\_cut\_1 | rating | games\_played |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2024-03-05 | early | Alireza Firouzja | GM | FRA | 9.5 | 77.5 | 3188 | 11 |
| 2024-03-05 | early | Volodar Murzin | GM | RUS | 9.5 | 76.5 | 3014 | 11 |
| 2024-03-05 | early | Jose Martinez | GM | MEX | 9.5 | 76.0 | 3073 | 11 |
| 2024-03-05 | early | Andrew Hong | GM | USA | 9.5 | 71.5 | 3111 | 11 |
| 2024-03-05 | early | Hans Niemann | GM | USA | 9.5 | 67.0 | 3128 | 11 |

Here is the distribution of shared top scores.

# How often is the first place tied, and what was the most common tie?  
draw\_distribution <- TT %>% group\_by(file\_name) %>%   
 filter(score == max(score)) %>%   
 count(file\_name) %>% ungroup() %>%   
 count(n) %>%   
 mutate(percent = round((nn / sum(nn) \* 100),1))  
  
names(draw\_distribution) <- c("Player with same score", "N", "%")  
  
kable(draw\_distribution)

| Player with same score | N | % |
| --- | --- | --- |
| 1 | 40 | 50.0 |
| 2 | 21 | 26.2 |
| 3 | 11 | 13.8 |
| 4 | 5 | 6.2 |
| 5 | 3 | 3.8 |

50% of the time a single player has the highest score and no tie-break (Buchholz System Cut 1) is necessary. 26% of the time 2 players have the same highest score and ~14% of the time it is shared by 3 players. Ties with 4 or 5 happend 6.2% and 3.8% respectively.

## 2.12 10) Award for the best positioned non-Grand master

The table below shows the players that are not Grand Masters but managed to place second or third in a tournament. Similar to 2023 only GMs were able to win the tournament. On 2024-03-26\_late Ivan Yeletsky got 10 points but lost to Alireza Firouzja (10.5 points).

non\_GM\_best\_place <- TT %>%  
 filter(title != "GM") %>%   
 arrange(number) %>%   
 select(number, name, title, fed, rating, score, date\_time) %>%   
 filter(number <= 3) %>%   
 left\_join(player\_df %>% select(name, N\_participations))

Joining with `by = join\_by(name)`

kable(non\_GM\_best\_place, caption = 'Best placement of a non-GM')

Best placement of a non-GM

| number | name | title | fed | rating | score | date\_time | N\_participations |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | Rudik Makarian | IM | RUS | 3031 | 9.0 | 2024-02-20\_late | 65 |
| 2 | Joseph Girel | IM | FRA | 2813 | 9.5 | 2024-03-05\_late | 4 |
| 2 | Ivan Yeletsky | FM | INT | 2931 | 10.0 | 2024-03-26\_late | 25 |
| 2 | Luke Harmon-Vellotti | IM | USA | 2850 | 9.5 | 2024-07-09\_late | 1 |
| 3 | Yoseph Theolifus Taher | IM | IDN | 2932 | 9.0 | 2024-03-12\_early | 11 |
| 3 | Rudik Makarian | IM | RUS | 3031 | 9.5 | 2024-03-26\_early | 65 |
| 3 | Eray Kilic | IM | TUR | 2927 | 9.5 | 2024-04-09\_early | 22 |
| 3 | Faustino Oro | FM | ARG | 3043 | 9.5 | 2024-05-21\_early | 17 |
| 3 | Egor Baskakov | CM | RUS | 2921 | 9.5 | 2024-05-21\_late | 53 |
| 3 | Reza Mahdavi | FM | IRN | 2996 | 9.0 | 2024-06-04\_late | 45 |
| 3 | Renato Terry | IM | PER | 3002 | 9.0 | 2024-07-16\_late | 48 |
| 3 | Mukhammadzokhid Suyarov | IM | UZB | 2968 | 9.5 | 2024-07-23\_early | 31 |
| 3 | Kacper Drozdowski | IM | POL | 2991 | 9.0 | 2024-08-13\_early | 23 |
| 3 | Rudik Makarian | IM | RUS | 3031 | 9.0 | 2024-09-03\_late | 65 |

## 2.13 11) Best woman

It is not easy to rate which women performed the best in 2023. We can sort them by different criteria and then judge how often one ranked higher than the others.

First we can look at the price money they earned. The highest placed women earns $100 in each tournament

women <- TT %>% filter(gender == "Women") %>% pull(name) %>% unique()  
  
women\_prize\_df <- TT %>% filter(name %in% women) %>%   
 arrange(file\_name, number) %>%   
 group\_by(file\_name) %>% slice\_head(n = 1) %>% ungroup() %>%   
 count(name, sort = TRUE) %>%   
 mutate(women\_prize\_money = n \* 100) %>%   
 select(-n)  
  
player\_df <- player\_df %>% left\_join(women\_prize\_df, by = "name")  
player\_df$women\_prize\_money[is.na(player\_df$women\_prize\_money)] <- 0  
  
kable(x = player\_df %>% filter(name %in% women, women\_prize\_money > 0) %>% arrange(desc(women\_prize\_money)) %>% select(name, title, fed, women\_prize\_money, N\_participations))

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | name | title | fed | women\_prize\_money | N\_participations | | --- | --- | --- | --- | --- | | Aleksandra Maltsevskaya | WGM | POL | 1000 | 55 | | Gulrukhbegim Tokhirjonova | WGM | USA | 700 | 31 | | Anna Shukhman | WIM | RUS | 500 | 10 | | malakismayil | WFM | AZE | 400 | 29 | | Atousa Pourkashiyan | WGM | USA | 300 | 19 | | AFRUZA Khamdamova | WFM | UZB | 300 | 19 | | Alexandra Afanasieva | WFM | ESP | 300 | 12 | | Cervantes Landeiro Thalia | WGM | MCO | 200 | 35 | | Keti Tsatsalashvili | WGM | GEO | 200 | 19 | | Katarzyna Dwilewicz | WFM | POL | 200 | 34 | | Ekaterini Pavlidou | WIM | GRC | 200 | 16 | | Megan Althea Paragua | WFM | USA | 200 | 31 | | Maria Teresa Jimenez Salas | WFM | PER | 200 | 37 | | Leyla Budaqova | WCM | AZE | 100 | 2 | | Chelsie Monica Ignesias Sihite | WIM | IDN | 100 | 6 | | Veronika Minina | WFM | RUS | 100 | 28 | | Elnaz Kaliakhmet | WFM | KAZ | 100 | 12 | | Irina Bulmaga | WGM | ROU | 100 | 6 | | Josefine Heinemann | WGM | DEU | 100 | 7 | | Veronika Shubenkova | WFM | RUS | 100 | 64 | | Olesia Vlasova | WCM | RUS | 100 | 1 | | Maya Porozhnyak | WCM | JAM | 100 | 16 | | Meruert Kamalidenova | WGM | KAZ | 100 | 2 | | Swara Lakshmi Nair | WCM | IND | 100 | 14 | | Nemo Zhou | WGM | FIN | 100 | 11 | | Anastasia Travkina | WIM | INT | 100 | 23 | | Margarita Potapova | WIM | RUS | 100 | 5 | | Daria Yurasova | WFM | RUS | 100 | 12 | | Zarina Nurgaliyeva | WFM | KAZ | 100 | 14 | | Alfia Nasybullina | WIM | KAZ | 100 | 2 | | Mobina Alinasab | WGM | IRN | 100 | 4 | | Anna-Maja Kazarian | WIM | NLD | 100 | 4 | | Vantika Agrawal | WGM | IND | 100 | 3 | | Dila Baloglu | WCM | TUR | 100 | 17 | | Candela Belén Francisco Guecamburu | WGM | ARG | 100 | 3 | | Galina Novikova | WFM | BLR | 100 | 35 | | Patricie Naymanova | WFM | BGR | 100 | 4 | | Nhung Hong Nguyen | WFM | VNM | 100 | 11 | | Jovana Srdanovic | WIM | SRB | 100 | 39 | | Kler Çaku | WCM | ALB | 100 | 34 | | Olga Kuznetsova | WFM | RUS | 100 | 7 | | Maria Malicka | WGM | POL | 100 | 3 | | Kalyani Sirin | WFM | IND | 100 | 15 | | Sachi Jain | WFM | IND | 100 | 7 | | Trisha Kanyamarala | WIM | IRL | 100 | 17 | | Mammadova Narmin | WIM | AND | 100 | 1 | |

We can also sort by other metrics like, highest rating, average score, best place and number of tournaments:

women\_df <- player\_df %>% filter(name %in% women) %>%   
 select(name, title, fed, best\_Place, score, rating\_best, N\_participations) %>%   
 arrange(best\_Place)  
  
kable(women\_df)

| name | title | fed | best\_Place | score | rating\_best | N\_participations |
| --- | --- | --- | --- | --- | --- | --- |
| Patricie Naymanova | WFM | BGR | 21 | 4.38 | 2295 | 4 |
| Aleksandra Maltsevskaya | WGM | POL | 29 | 4.54 | 2607 | 55 |
| Sachi Jain | WFM | IND | 37 | 5.00 | 2604 | 7 |
| Anna Shukhman | WIM | RUS | 41 | 5.80 | 2662 | 10 |
| Gulrukhbegim Tokhirjonova | WGM | USA | 42 | 5.84 | 2678 | 31 |
| Zarina Nurgaliyeva | WFM | KAZ | 54 | 3.04 | 2548 | 14 |
| Meruert Kamalidenova | WGM | KAZ | 58 | 6.25 | 2598 | 2 |
| Olesia Vlasova | WCM | RUS | 67 | 7.00 | 2390 | 1 |
| Mobina Alinasab | WGM | IRN | 68 | 5.88 | 2607 | 4 |
| Maria Teresa Jimenez Salas | WFM | PER | 68 | 4.12 | 2409 | 37 |
| Savitha Shri B | WGM | IND | 69 | 3.06 | 2567 | 17 |
| Atousa Pourkashiyan | WGM | USA | 70 | 5.05 | 2509 | 19 |
| Maria Malicka | WGM | POL | 71 | 3.17 | 2167 | 3 |
| Cervantes Landeiro Thalia | WGM | MCO | 73 | 2.60 | 2505 | 35 |
| Vantika Agrawal | WGM | IND | 83 | 6.17 | 2608 | 3 |
| Kheerthi Ganta | WFM | IND | 85 | 2.67 | 2361 | 3 |
| Olga Kuznetsova | WFM | RUS | 86 | 4.86 | 2581 | 7 |
| Megan Althea Paragua | WFM | USA | 87 | 5.10 | 2548 | 31 |
| malakismayil | WFM | AZE | 88 | 5.03 | 2592 | 29 |
| Irina Bulmaga | WGM | ROU | 90 | 5.58 | 2610 | 6 |
| Dila Baloglu | WCM | TUR | 91 | 3.18 | 2508 | 17 |
| Leyla Budaqova | WCM | AZE | 92 | 4.25 | 2329 | 2 |
| Daria Yurasova | WFM | RUS | 92 | 4.79 | 2431 | 12 |
| Maria Florencia Fernández | WIM | ARG | 93 | 4.17 | 2455 | 6 |
| Veronika Shubenkova | WFM | RUS | 94 | 3.73 | 2540 | 64 |
| Keti Tsatsalashvili | WGM | GEO | 95 | 4.89 | 2409 | 19 |
| Olga Yushko | WFM | UKR | 95 | 3.41 | 2196 | 22 |
| Hoang Thi Bao Tram | WGM | VNM | 96 | 3.57 | 2533 | 7 |
| Alexandra Afanasieva | WFM | ESP | 97 | 4.79 | 2611 | 12 |
| Kalyani Sirin | WFM | IND | 97 | 5.03 | 2507 | 15 |
| Nhung Hong Nguyen | WFM | VNM | 98 | 4.86 | 2601 | 11 |
| Cécile Haussernot | WIM | FRA | 99 | 3.75 | 2574 | 4 |
| Anastasia Travkina | WIM | INT | 99 | 3.41 | 2372 | 23 |
| Nemo Zhou | WGM | FIN | 100 | 4.50 | 2275 | 11 |
| Sofiia Hryzlova | WIM | CHE | 100 | 3.50 | 2532 | 2 |
| Alua Nurman | WIM | KAZ | 100 | 4.10 | 2706 | 5 |
| Mammadova Narmin | WIM | AND | 100 | 6.50 | 2869 | 1 |
| Galina Novikova | WFM | BLR | 101 | 4.27 | 2491 | 35 |
| Veronika Minina | WFM | RUS | 102 | 3.52 | 2457 | 28 |
| Swara Lakshmi Nair | WCM | IND | 102 | 4.36 | 2336 | 14 |
| Alfia Nasybullina | WIM | KAZ | 102 | 3.25 | 2355 | 2 |
| Candela Belén Francisco Guecamburu | WGM | ARG | 102 | 5.33 | 2559 | 3 |
| Melika Mohammadi | WFM | IRN | 102 | 5.06 | 2517 | 9 |
| Ekaterini Pavlidou | WIM | GRC | 102 | 4.25 | 2439 | 16 |
| Annamaria Marjanovic | WGM | USA | 105 | 5.00 | 2599 | 3 |
| Margarita Potapova | WIM | RUS | 106 | 3.90 | 2547 | 5 |
| Dana Kochavi | WFM | ISR | 108 | 6.00 | 2219 | 1 |
| Nehir Tokat | WFM | GBR | 110 | 2.33 | 2506 | 6 |
| Alisa Genrietta Yunker | WCM | INT | 111 | 4.57 | 2410 | 15 |
| Jemal Ovezdurdyeva | WFM | TKM | 114 | 4.00 | 2403 | 19 |
| Anni Guo | WFM | CAN | 115 | 2.58 | 2221 | 13 |
| Michalina Rudzińska | WGM | POL | 115 | 6.00 | 2452 | 1 |
| Mariya Bruyatskaya | WFM | RUS | 117 | 5.00 | 2351 | 2 |
| Anahi Ortiz Verdezoto | WIM | ECU | 118 | 3.00 | 2534 | 3 |
| Phuong Hanh Luong | WIM | MDV | 119 | 3.00 | 2507 | 30 |
| Elnaz Kaliakhmet | WFM | KAZ | 120 | 5.79 | 2537 | 12 |
| AFRUZA Khamdamova | WFM | UZB | 120 | 5.74 | 2620 | 19 |
| Zeinep Sultanbek | WIM | KAZ | 120 | 4.32 | 2423 | 25 |
| Tannaz Azali | WFM | IRN | 121 | 5.20 | 2498 | 5 |
| Jovana Srdanovic | WIM | SRB | 122 | 1.59 | 2535 | 39 |
| Anna-Maja Kazarian | WIM | NLD | 123 | 5.12 | 2436 | 4 |
| Maria Siekanska | WFM | POL | 123 | 4.33 | 2331 | 3 |
| Lile Koridze | WFM | GEO | 125 | 4.67 | 2473 | 26 |
| Alexandra Shvedova | WFM | ITA | 125 | 5.71 | 2547 | 7 |
| Galina Mikheeva | WFM | RUS | 127 | 5.50 | 2391 | 1 |
| Josefine Heinemann | WGM | DEU | 128 | 4.71 | 2500 | 7 |
| Anna Kubicka | WIM | POL | 128 | 4.15 | 2503 | 26 |
| BOZNENA PIDDUBNA | WFM | UKR | 131 | 4.08 | 2480 | 25 |
| Kler Çaku | WCM | ALB | 131 | 4.09 | 2308 | 34 |
| Katarzyna Dwilewicz | WFM | POL | 132 | 4.63 | 2469 | 34 |
| Chelsie Monica Ignesias Sihite | WIM | IDN | 133 | 3.50 | 2478 | 6 |
| Dina Belenkaya | WGM | FRA | 133 | 4.38 | 2271 | 8 |
| Fruzsina Szente-Varga | WFM | HUN | 133 | 2.92 | 2361 | 13 |
| Radmila Kovacevic | WFM | SRB | 140 | 2.82 | 2072 | 14 |
| Javiera Barrera | WIM | CHL | 141 | 3.22 | 2475 | 9 |
| Aleksandra Lach | WIM | POL | 141 | 3.00 | 2331 | 3 |
| Rainbow2014 | WGM | DEU | 141 | 4.17 | 2491 | 3 |
| Devina Devagharan | WFM | USA | 141 | 2.25 | 2289 | 4 |
| Kelsey Liu | WIM | USA | 143 | 2.60 | 2300 | 25 |
| Trisha Kanyamarala | WIM | IRL | 143 | 4.97 | 2493 | 17 |
| Maftuna Bobomurodova | WIM | UZB | 144 | 3.53 | 2455 | 17 |
| Aleksandra Lukina | WFM | MNE | 144 | 6.00 | 2406 | 1 |
| Rebeca Jiménez Fernández | WFM | ESP | 145 | 2.95 | 2405 | 21 |
| Yelyzaveta Hrebenshchykova | WIM | UKR | 147 | 4.54 | 2451 | 12 |
| Jinela de la Caridad Rodríguez Rivero | WFM | CUB | 148 | 4.00 | 2332 | 10 |
| Sujana Lohani | WFM | NPL | 148 | 3.15 | 2445 | 24 |
| Lala Huseynova | WCM | EST | 151 | 4.28 | 2381 | 16 |
| Papp Petra | WGM | HUN | 152 | 2.00 | 2413 | 5 |
| vesal hamedi nia | WIM | IRN | 152 | 2.57 | 2490 | 7 |
| winniethepooh04 | WCM | TUR | 152 | 3.61 | 2487 | 9 |
| Maya Porozhnyak | WCM | JAM | 153 | 4.34 | 2411 | 16 |
| Shubhi Gupta | WFM | IND | 154 | 3.28 | 2515 | 25 |
| Marija Kuznecova | WFM | LVA | 155 | 2.73 | 2438 | 13 |
| Giulia Sala | WFM | ITA | 155 | 1.62 | 2347 | 21 |
| Anastasia Grozdanovic | WFM | SRB | 156 | 2.06 | 2301 | 8 |
| Mahalakshmi M | WIM | IND | 159 | 3.79 | 2538 | 7 |
| Charvi A | WCM | IND | 160 | 4.75 | 2440 | 6 |
| Sabreen Oraby | WCM | SDN | 160 | 4.38 | 2475 | 4 |
| Margarita Novikova | WCM | UKR | 161 | 2.59 | 2195 | 48 |
| Anastasiia Hnatyshyn | WFM | UKR | 163 | 4.56 | 2490 | 18 |
| Anna Jakubowska | WIM | POL | 164 | 3.20 | 2329 | 15 |
| Valentina Golubenko | WGM | HRV | 165 | 3.78 | 2239 | 20 |
| Tarasova Viktoriya | WIM | RUS | 166 | 2.85 | 2353 | 26 |
| Amelia Hernandez | WFM | VEN | 166 | 1.75 | 2188 | 16 |
| Claudia Amura | WGM | ARG | 167 | 3.14 | 2450 | 21 |
| Bich Ngoc (Penny) Pham | WIM | CAN | 167 | 5.00 | 2495 | 1 |
| Mariia Dolinskaya | WCM | RUS | 167 | 4.00 | 2295 | 6 |
| Elis Denele Dicen | WCM | GBR | 167 | 3.89 | 2421 | 14 |
| Lisa Schut | WIM | NLD | 168 | 2.50 | 2478 | 2 |
| Sıla Çağlar | WIM | USA | 168 | 1.25 | 2424 | 12 |
| Assel Lesbekova | WCM | KGZ | 169 | 2.07 | 2404 | 15 |
| Valerie Ruchinskaya | WCM | CAN | 170 | 4.50 | 2347 | 4 |
| Aiaru Altynbek | WCM | KAZ | 173 | 3.17 | 2405 | 6 |
| Guldona Karimov | WFM | UZB | 173 | 4.32 | 2436 | 20 |
| Zsoka Gaal | WIM | HUN | 174 | 5.25 | 2500 | 2 |
| Mrudul Dehankar | WIM | IND | 174 | 3.97 | 2467 | 17 |
| Oda Kofoed Skramstad | WCM | NOR | 174 | 4.25 | 2201 | 2 |
| Fiorella Contreras Huaman | WIM | PER | 176 | 4.00 | 2172 | 2 |
| Tatev Abrahamyan | WGM | USA | 177 | 5.12 | 2546 | 4 |
| Svetlana Vifleemskaia | WFM | RUS | 177 | 3.88 | 2393 | 17 |
| Olga Matveeva | WIM | RUS | 178 | 4.30 | 2444 | 33 |
| Marya | WFM | RUS | 180 | 3.19 | 2224 | 18 |
| Marina Kuznetsova | WFM | RUS | 181 | 5.50 | 2446 | 3 |
| Anishka Vikram | WCM | IND | 181 | 2.67 | 2269 | 3 |
| Polina A Smirnova | WFM | RUS | 182 | 3.50 | 2310 | 12 |
| April Zhong | WCM | CAN | 183 | 2.83 | 2170 | 3 |
| Margarita Fakhretdinova | WFM | RUS | 184 | 3.58 | 2359 | 6 |
| Dinushki Premanath | WFM | LKA | 184 | 4.40 | 2295 | 5 |
| Lilia Fuentes | WIM | MEX | 184 | 2.73 | 2270 | 11 |
| Aleksandra Tarnowska | WCM | POL | 184 | 3.13 | 2232 | 35 |
| Aleksandra Milovic | WIM | MNE | 185 | 2.29 | 2148 | 7 |
| Bristy Mukherjee | WFM | IND | 185 | 2.33 | 2523 | 3 |
| Mariya Yakimova | WFM | RUS | 185 | 2.50 | 2479 | 4 |
| Naruna Chan | WCM | KHM | 185 | 3.20 | 2220 | 5 |
| Ernestina Adam | WFM | ARG | 186 | 4.39 | 2282 | 9 |
| Nurai Sovetbekova | WFM | KGZ | 186 | 3.83 | 2398 | 15 |
| Anna Ślusarczyk | WCM | POL | 188 | 5.00 | 2368 | 1 |
| Laysa Latifah | WIM | IDN | 190 | 4.25 | 2516 | 2 |
| Priyanka Nutakki | WGM | IND | 192 | 6.00 | 2662 | 1 |
| Yulia Efremova | WIM | INT | 192 | 3.12 | 2273 | 4 |
| Diana Preobrazhenskaya | WFM | RUS | 192 | 4.56 | 2448 | 17 |
| Anna Laura Scarsi | WFM | ARG | 192 | 3.64 | 2425 | 7 |
| Tori Porat | WCM | USA | 192 | 3.80 | 2211 | 5 |
| Alexandra Samaganova | WFM | KGZ | 193 | 3.12 | 2276 | 17 |
| Ronit Levitan | WCM | ISR | 193 | 1.50 | 2290 | 4 |
| Ashley Qian | WCM | CAN | 193 | 2.75 | 2053 | 8 |
| Emilia Sprzęczka | WFM | POL | 194 | 4.12 | 2328 | 8 |
| Europe03 | WGM | AZE | 195 | 3.50 | 2426 | 2 |
| Sivanesan Nithyalakshmi | WCM | MYS | 196 | 3.82 | 2415 | 11 |
| S Dharia Parnali | WIM | IND | 197 | 4.50 | 2272 | 1 |
| Saadat Bashirli | WCM | AZE | 198 | 3.48 | 2433 | 27 |
| Niklesha Tharushi | WCM | LKA | 198 | 3.45 | 2288 | 21 |
| Ema Hajdinic | WCM | HRV | 198 | 3.50 | 2124 | 2 |
| Anna Cramling | WFM | SWE | 201 | 3.44 | 2142 | 8 |
| Ewa Barwinska | WFM | POL | 202 | 2.21 | 2349 | 21 |
| Alessia Santeramo | WFM | ITA | 203 | 4.20 | 2323 | 5 |
| Ayelen Martinez | WIM | ARG | 203 | 2.38 | 2104 | 4 |
| Irina Mikhaylova | WGM | RUS | 204 | 3.46 | 2399 | 13 |
| Laura Viñolas | WCM | ESP | 204 | 3.75 | 2104 | 4 |
| Tarsier2007 | WFM | PSE | 204 | 4.50 | 2321 | 1 |
| Triin Narva | WFM | EST | 204 | 1.45 | 2203 | 20 |
| Maria Larina | WFM | CYP | 205 | 2.60 | 2266 | 21 |
| Sofia Blokhin | WCM | EST | 207 | 3.75 | 2259 | 22 |
| Nancy Flores Mirabal | WCM | ARG | 208 | 3.12 | 2235 | 12 |
| Jwalanthi Ram | WCM | USA | 208 | 3.06 | 2102 | 9 |
| Luisa Bashylina | WFM | DEU | 208 | 2.03 | 2328 | 16 |
| Roxangel Obregón | WIM | CUB | 209 | 3.50 | 2501 | 3 |
| Jenny Astrid Chirivi Castiblanco | WIM | COL | 210 | 3.83 | 2290 | 12 |
| Elena Verbova | WFM | UZB | 210 | 4.25 | 2327 | 4 |
| Masa Maksimovic | WFM | BIH | 210 | 3.25 | 2258 | 4 |
| Turkan Mamedjarova | WGM | AZE | 211 | 3.14 | 2121 | 22 |
| Sara Francine Olendo | WNM | PHL | 212 | 4.20 | 2481 | 5 |
| Becca Lampman | WCM | USA | 213 | 4.50 | 2438 | 1 |
| Patty Castillo | WFM | DOM | 213 | 0.98 | 1847 | 31 |
| Byambaa Uyanga | WFM | USA | 213 | 2.71 | 2186 | 7 |
| Lhia Castellanos Hernandez | WCM | MEX | 213 | 2.07 | 2358 | 7 |
| Ameyalli Avila Fraire | WCM | MEX | 215 | 3.25 | 2170 | 2 |
| Natalie Wisniowski | WCM | USA | 215 | 2.50 | 2211 | 3 |
| Milena Vujcic | WFM | SRB | 216 | 2.00 | 2200 | 5 |
| Marisa Zuriel | WIM | ARG | 218 | 1.69 | 2318 | 8 |
| Ellen Nilssen | WIM | DNK | 218 | 4.00 | 2328 | 1 |
| Diana Mirza | WFM | IRL | 219 | 2.16 | 1899 | 37 |
| Arina Kiseleva | WCM | RUS | 220 | 3.59 | 2262 | 17 |
| María José Campos | WFM | ARG | 220 | 3.00 | 2456 | 8 |
| Sarocha Chuemsakul | WFM | THA | 220 | 5.00 | 2443 | 2 |
| Raehanna Brown | WCM | LUX | 221 | 1.67 | 2219 | 6 |
| Karen Gutierrez | WFM | CUB | 222 | 2.38 | 2254 | 4 |
| Margarita Filippova | WFM | RUS | 223 | 3.13 | 2199 | 27 |
| Alba De Lomas Busquets | WCM | ESP | 225 | 3.20 | 2158 | 5 |
| Daria Zaichenko | WFM | RUS | 226 | 3.27 | 2334 | 24 |
| Marina Kaydanovich | WIM | RUS | 226 | 3.67 | 2326 | 3 |
| Cyrielle Monpeurt | WFM | FRA | 226 | 2.83 | 2293 | 21 |
| Katharina Reinecke | WCM | DEU | 227 | 2.47 | 2083 | 36 |
| Alina Semenova | WFM | RUS | 228 | 1.33 | 2217 | 23 |
| Ruqayyah Rida | WCM | GBR | 228 | 5.00 | 2275 | 3 |
| Nasrin Babayeva | WFM | AZE | 228 | 2.35 | 2034 | 13 |
| Alexandra Prado | WCM | BOL | 228 | 2.28 | 1957 | 9 |
| Adani Clarke | WCM | JAM | 229 | 2.44 | 2288 | 16 |
| Juliana Figueira Theophilo Silva | WFM | BRA | 229 | 1.45 | 2075 | 10 |
| Annmarie Muetsch | WIM | BEL | 229 | 3.50 | 2513 | 2 |
| Maria Belen Sarquis | WIM | ARG | 230 | 1.69 | 2332 | 8 |
| Abigail Zhou | WCM | USA | 230 | 2.50 | 2105 | 8 |
| Irene Xie | WCM | CAN | 230 | 2.25 | 2208 | 6 |
| Anahi Meza | WFM | ARG | 232 | 3.25 | 2046 | 2 |
| melissa\_guez | WIM | CUB | 233 | 3.75 | 2219 | 2 |
| Anna Kantane | WIM | POL | 234 | 4.00 | 2137 | 1 |
| Kriti Patel | WCM | IND | 234 | 3.54 | 2132 | 12 |
| Vera Juergens | WGM | DEU | 235 | 3.00 | 2181 | 1 |
| Ummi Fisabilillah | WIM | IDN | 237 | 3.25 | 2533 | 6 |
| Lisa Sickmann | WFM | DEU | 237 | 3.60 | 2087 | 5 |
| Jéssica Trindade Hubner | WNM | BRA | 238 | 2.25 | 2103 | 14 |
| Mumtozbegim Mansurova | WCM | UZB | 239 | 2.75 | 2047 | 4 |
| Uliana Dudkina | WCM | INT | 240 | 3.75 | 2514 | 4 |
| Leancy Beatriz Fernandez Bustamante | WFM | CUB | 240 | 3.12 | 2268 | 4 |
| Geo Castellanos Hernandez | WCM | MEX | 240 | 2.50 | 1412 | 3 |
| Ayan Allahverdiyeva | WIM | AZE | 240 | 4.67 | 2419 | 6 |
| Sahana Aravindakshan | WFM | USA | 241 | 2.75 | 2180 | 6 |
| Vicmary Pérez Hernández | WFM | VEN | 242 | 3.00 | 2221 | 2 |
| Nerina Gaite | WFM | ARG | 242 | 1.38 | 2017 | 4 |
| Salomeja Zaksaite | WGM | LTU | 242 | 2.74 | 2291 | 23 |
| Oriana Isabel Aponte | WIM | VEN | 243 | 1.44 | 1981 | 9 |
| Dantelle Joubert | WFM | ZAF | 244 | 1.50 | 2102 | 12 |
| Alena Nikulina | WFM | LUX | 245 | 2.82 | 2166 | 28 |
| Enkhrii Enkh-Amgalan | WCM | MNG | 245 | 4.21 | 2471 | 12 |
| Ivana Hrescak | WIM | SVN | 245 | 2.50 | 2374 | 7 |
| Ayaulym Kaldarova | WFM | KAZ | 246 | 3.00 | 2356 | 8 |
| Angelic Danish | WFM | USA | 247 | 2.25 | 2340 | 2 |
| Rutuja Bakshi | WFM | IND | 248 | 5.50 | 2547 | 1 |
| V Toshali | WFM | USA | 248 | 3.29 | 2290 | 7 |
| Vesna Mihelic | WFM | SVN | 249 | 3.12 | 2225 | 4 |
| Yessica Mendez Tovar | WIM | MEX | 250 | 2.50 | 2069 | 2 |
| Dana Tuleyeva-Aketayeva | WIM | KAZ | 251 | 4.00 | 2221 | 3 |
| Arnash Bauyrzhan | WFM | KAZ | 251 | 2.97 | 2315 | 16 |
| Ramyres Santana Coelho | WFM | BRA | 252 | 1.30 | 2214 | 27 |
| Ebru Kaplan | WNM | CHE | 252 | 1.50 | 2175 | 7 |
| Emujin Enkh-Amgalan | WCM | MNG | 253 | 4.38 | 2390 | 8 |
| Andjela Dimitrijevic | WCM | SRB | 254 | 2.50 | 2050 | 2 |
| Avery Yu | WCM | USA | 254 | 2.20 | 2268 | 10 |
| Olga Babiy | WGM | UKR | 255 | 2.00 | 2455 | 6 |
| Giovanna Arbunic Castro | WIM | CHL | 257 | 1.80 | 1921 | 10 |
| Tea Gueci | WIM | ITA | 257 | 4.50 | 2580 | 1 |
| Marta Bartel | WGM | POL | 257 | 1.75 | 2321 | 2 |
| Ivashentseva Dominika | WCM | DMA | 257 | 3.44 | 2304 | 8 |
| Maria Gevorgyan | WGM | ARM | 258 | 2.50 | 2320 | 5 |
| Emilia Dyalog | WFM | INT | 258 | 1.20 | 2216 | 5 |
| Josselyne Penafiel Mendoza | WCM | ECU | 259 | 2.50 | 2039 | 2 |
| Valeria Viana | WCM | MTQ | 259 | 2.26 | 2119 | 23 |
| Sara Moncada Correa | WIM | COL | 260 | 4.70 | 2320 | 5 |
| Angie Garcia | WIM | SLV | 261 | 2.07 | 2106 | 7 |
| Anupam M Sreekumar | WCM | IND | 262 | 3.78 | 2303 | 9 |
| Anousha Mahdian | WIM | INT | 262 | 3.33 | 2522 | 3 |
| Nadezhda Antonova | WFM | ZWE | 263 | 2.62 | 2114 | 4 |
| Uliana Kusakina | WCM | RUS | 263 | 2.36 | 2056 | 7 |
| Cherry Ann Mejia | WFM | PHL | 263 | 1.82 | 2327 | 19 |
| Maria Angelica Carrillo Marval | WCM | PAN | 263 | 2.38 | 2170 | 4 |
| Myroslava Hrabinska | WGM | UKR | 264 | 3.00 | 2218 | 2 |
| Yilin Li | WFM | CAN | 264 | 1.29 | 2146 | 7 |
| Sherali Pattnaik | WCM | IND | 266 | 3.25 | 2340 | 4 |
| Cecilia Guilló | WFM | ESP | 266 | 3.00 | 2153 | 1 |
| Ana Kuchava | WFM | GEO | 267 | 3.55 | 2315 | 19 |
| Gisela Roque Sola | WFM | ESP | 267 | 2.50 | 2132 | 1 |
| Monalisha khamboo | WCM | NPL | 267 | 5.00 | 852 | 1 |
| Meilin Hoshino | WCM | JPN | 268 | 3.00 | 1984 | 1 |
| Khanim Ismayilova | WCM | AZE | 268 | 2.50 | 2099 | 2 |
| Simona Limontaite | WIM | LTU | 268 | 3.75 | 2324 | 8 |
| Warsia Khusbu | WCM | BGD | 269 | 1.80 | 1968 | 10 |
| Antonia Christodoulaki | WFM | GRC | 269 | 3.50 | 2302 | 6 |
| x-7171385435 | WCM | INT | 269 | 2.08 | 2163 | 6 |
| Inna Agrest | WIM | SWE | 270 | 4.00 | 2305 | 2 |
| Agatha Nunes | WFM | BRA | 272 | 1.62 | 1977 | 4 |
| Jessica Molina Chambilla | WFM | BOL | 272 | 0.67 | 2215 | 3 |
| Jennifer Acevedo | WFM | CRI | 275 | 1.00 | 2076 | 1 |
| Anapaola S. Borda Rodas | WFM | ARG | 275 | 1.75 | 2271 | 2 |
| Nino Maisuradze | WGM | FRA | 276 | 2.50 | 2385 | 3 |
| Mary Kiseljova | WFM | RUS | 276 | 2.66 | 2197 | 16 |
| Roxanny Matute | WFM | VEN | 277 | 0.50 | 2260 | 6 |
| Yuliya Khegay | WFM | UZB | 279 | 2.15 | 2217 | 10 |
| Omya Vidyarthi | WIM | USA | 280 | 3.70 | 2403 | 5 |
| In Vau | WFM | LVA | 280 | 3.17 | 2313 | 3 |
| Lianet Diaz Garcia | WFM | CUB | 281 | 0.77 | 1967 | 13 |
| Diajeng Theresa Singgih | WIM | IDN | 281 | 1.39 | 2341 | 9 |
| Lucia Malan Ramos | WCM | URY | 282 | 2.00 | 2107 | 2 |
| Vera Vujović | WFM | SRB | 282 | 1.21 | 2304 | 12 |
| Kamaliya Bulatova | WFM | INT | 282 | 2.29 | 2314 | 7 |
| Sofia Pogorelskikh | WIM | SRB | 283 | 3.69 | 2314 | 8 |
| Kate Nikanova | WFM | SVK | 285 | 2.83 | 2186 | 3 |
| Rucha Pujari | WIM | IND | 285 | 1.50 | 2432 | 6 |
| Regita Desyari Putri | WFM | IDN | 285 | 2.38 | 2403 | 8 |
| Sasvatha A | WCM | IND | 285 | 1.43 | 2315 | 21 |
| Bakhora Egamberdieva | WIM | UZB | 286 | 1.00 | 2262 | 1 |
| Viktoriia Kirchei | WFM | RUS | 286 | 0.50 | 2508 | 3 |
| Tatiana Bogumil | WGM | RUS | 287 | 2.19 | 1957 | 8 |
| Olga Belka | WFM | RUS | 287 | 1.00 | 2355 | 3 |
| Buyankhishig Batpelden | WCM | MNG | 287 | 2.81 | 2269 | 8 |
| Ma. Elayza Villa | WNM | PHL | 287 | 2.83 | 2249 | 3 |
| Gizem Olcayoz | WCM | TUR | 288 | 1.82 | 2014 | 14 |
| Sara Adel | WFM | EGY | 288 | 2.50 | 2145 | 2 |
| Ishvi Aggarwal | WCM | IND | 288 | 3.10 | 2249 | 10 |
| Stephanie Velea | WCM | USA | 288 | 1.12 | 1736 | 4 |
| Lili Tóth | WFM | HUN | 290 | 1.80 | 2126 | 5 |
| Marjona Malikova | WIM | UZB | 290 | 2.30 | 2342 | 5 |
| Leslie Carolin Torres Hernandez | WFM | ARG | 290 | 1.30 | 2266 | 10 |
| Gal.la Garcia-Castany Musellas | WFM | ESP | 290 | 2.00 | 2248 | 1 |
| Safiye Oyku Ince | WCM | TUR | 290 | 5.00 | 2141 | 1 |
| Regina Rodrigues Bonfim | WFM | BRA | 292 | 2.00 | 1526 | 1 |
| Julia Tsukerman | WCM | CAN | 293 | 0.50 | 1897 | 2 |
| Tania Miranda Rodriguez | WIM | CUB | 294 | 4.50 | 2259 | 1 |
| Laura Sofia Huayhuas Robles | WCM | PER | 296 | 1.10 | 1774 | 5 |
| Claudia Sofronie | WFM | ROU | 296 | 4.30 | 2266 | 5 |
| Jana Mukhina | WFM | RUS | 296 | 2.79 | 2303 | 7 |
| Xiahan (Luna) Lu | WCM | NZL | 296 | 1.75 | 1985 | 2 |
| Martyna Starosta | WCM | POL | 298 | 4.17 | 2378 | 3 |
| Julia Elizabeth Sloan | WFM | USA | 298 | 1.00 | 1978 | 5 |
| Jazmin Donda | WCM | ARG | 299 | 1.38 | 1917 | 4 |
| An Nguyen Thi Thanh | WGM | VNM | 299 | 0.50 | 2267 | 1 |
| Olga Prudnykova | WIM | UKR | 300 | 4.50 | 2380 | 1 |
| Saparya Ghosh | WFM | IND | 300 | 4.33 | 2370 | 3 |
| Anusha Subramanian | WCM | GBR | 302 | 3.25 | 2310 | 22 |
| Aimee Yang | WCM | USA | 302 | 1.00 | 1724 | 4 |
| Stela Farhat Willemstein | WFM | CHE | 303 | 1.21 | 1631 | 7 |
| Maryana Huda | WGM | UKR | 303 | 1.00 | 2307 | 1 |
| Helen Montiel Caceres | WCM | PRY | 305 | 2.75 | 2101 | 2 |
| Mitzi Vedan de Ramos | WCM | BRA | 306 | 1.50 | 1787 | 2 |
| Bhagyashree Patil | WFM | IND | 310 | 2.25 | 2323 | 4 |
| Narmin Khalafova | WGM | AZE | 310 | 0.50 | 2372 | 2 |
| kaponerde | WCM | TUR | 310 | 0.67 | 2217 | 3 |
| Alina Mihailova | WFM | MDA | 313 | 4.00 | 2288 | 1 |
| Rinoa Mariel Sadey | WNM | PHL | 313 | 2.80 | 2316 | 5 |
| Bach Ngoc Thuy Duong | WIM | VNM | 314 | 3.75 | 2368 | 2 |
| Adriana Palao | WCM | ESP | 315 | 0.33 | 1998 | 6 |
| Maria Fominykh | WGM | RUS | 316 | 3.75 | 2361 | 2 |
| Aksithi Eswaran | WCM | USA | 316 | 0.00 | 2121 | 1 |
| Susanna Gaboyan | WIM | ARM | 318 | 2.50 | 2286 | 1 |
| Evangelia Siskou | WFM | GRC | 320 | 3.17 | 2060 | 3 |
| Pragnya H G | WFM | IND | 322 | 1.78 | 2329 | 9 |
| Anysia Thomas | WFM | FRA | 324 | 3.05 | 2283 | 10 |
| Kesaria Mgeladze | WFM | GEO | 324 | 3.12 | 2180 | 4 |
| Wiktoria Cieślak | WCM | POL | 326 | 3.50 | 2099 | 3 |
| Blanka Ejsymont | WCM | POL | 328 | 3.50 | 2113 | 2 |
| Sabina Foisor | WGM | USA | 330 | 4.17 | 2335 | 3 |
| Vania Vindy Chandra | WNM | IDN | 330 | 0.50 | 2122 | 4 |
| Nadezhda Kostina | WIM | RUS | 331 | 2.15 | 2155 | 10 |
| Sharvaanica A S | WCM | IND | 331 | 4.00 | 2288 | 2 |
| Aaradhya Das | WCM | IND | 336 | 3.75 | 2025 | 2 |
| Badamkhand Norovsambuu | WFM | USA | 339 | 2.50 | 2224 | 2 |
| Alessia-Mihaela Ciolacu | WFM | ROU | 343 | 1.50 | 2381 | 6 |
| Arshiya Das | WCM | IND | 343 | 2.00 | 2180 | 11 |
| Luyse Victoria Gomes Acioli | WNM | TON | 345 | 1.17 | 1872 | 3 |
| Mitra Hejazipour | WGM | FRA | 347 | 2.38 | 2444 | 4 |
| Jennifer Perez Rodriguez | WGM | PRY | 350 | 1.10 | 2456 | 5 |
| Nusrat Jahan Alo | WCM | BGD | 351 | 2.62 | 1901 | 4 |
| Irina Petrova | WIM | GLP | 353 | 1.17 | 2305 | 3 |
| Dahamdi Sanudula | WCM | LKA | 358 | 3.00 | 2133 | 1 |
| Lorena Beatriz Montejo Bello | WFM | CUB | 358 | 1.50 | 2182 | 2 |
| Hanna Wesołowska | WFM | POL | 358 | 2.40 | 2351 | 5 |
| Prachiti Chandratreya | WFM | IND | 358 | 3.50 | 2433 | 1 |
| Zenia Corrales Jiménez | WIM | MEX | 359 | 3.00 | 2261 | 2 |
| Olga Petrukhina | WFM | KAZ | 365 | 2.00 | 2258 | 3 |
| Mariana Silva | WCM | PRT | 365 | 2.20 | 2154 | 5 |
| Sipos Stefánia | WCM | HUN | 365 | 2.00 | 1977 | 3 |
| Sai Nirupama Kotepalli | WFM | IND | 368 | 4.00 | 2361 | 1 |
| Ana Srebrnic | WGM | SVN | 369 | 2.50 | 2148 | 2 |
| Lilian Schirmbeck | WCM | DEU | 369 | 2.10 | 1831 | 5 |
| Marharyta Khrapko | WFM | DEU | 372 | 1.75 | 2532 | 2 |
| Rajanya Datta | WCM | IND | 373 | 1.75 | 2018 | 4 |
| Yanira Vigoa Apecheche | WGM | USA | 374 | 1.10 | 2292 | 10 |
| Julia Antolak | WGM | POL | 375 | 2.25 | 2606 | 2 |
| Emilia Zavivaeva | WCM | RUS | 375 | 1.33 | 2034 | 3 |
| Linda Krumina | WFM | LVA | 376 | 4.00 | 2226 | 1 |
| Sarai Sanchez | WGM | VEN | 376 | 1.00 | 2216 | 5 |
| x-7747083681 | WCM | INT | 376 | 3.00 | 2219 | 1 |
| Arya Aydogan | WCM | TUR | 378 | 1.75 | 1941 | 2 |
| Michelle Catherina, P | WIM | IND | 379 | 2.75 | 2308 | 4 |
| Polina Kobak | WFM | ARM | 379 | 1.75 | 2268 | 4 |
| Lula Roberts | WCM | JEY | 381 | 1.30 | 1462 | 5 |
| Carolina Mazariegos | WIM | GTM | 382 | 2.00 | 1667 | 2 |
| Rochelle Wu | WGM | USA | 384 | 2.60 | 2552 | 5 |
| S D Ranasinghe | WIM | LKA | 389 | 2.25 | 2001 | 2 |
| Oksana Vozovic | WGM | UKR | 391 | 3.50 | 2326 | 1 |
| Dorsa Sadat Khalafvand | WCM | IRN | 391 | 3.50 | 2087 | 1 |
| Irena Hertlein | WFM | POL | 394 | 3.00 | 2180 | 1 |
| Evgeniya Doluhanova | WGM | UKR | 396 | 0.88 | 2378 | 12 |
| Xiaobing Gu | WGM | CHN | 396 | 0.67 | 2301 | 3 |
| Ana-Maria Sava | WCM | ROU | 397 | 1.75 | 1797 | 4 |
| Nelli Aleksanyan Cadir | WIM | TUR | 398 | 1.64 | 2031 | 7 |
| Juliette Cornileau | WFM | FRA | 398 | 2.00 | 2116 | 1 |
| Liliam Barbara Blanco Garcia | WFM | CUB | 404 | 0.67 | 2117 | 3 |
| Andrea Nicole Garcia | WCM | HND | 406 | 1.00 | 1766 | 1 |
| Nan Hlyan | WFM | MMR | 407 | 0.88 | 1664 | 4 |
| Bala Kannamma P | WFM | IND | 408 | 2.00 | 2478 | 1 |
| Carina D’Souza | WNM | CAN | 409 | 1.00 | 2087 | 2 |
| Eugenia Karas | WFM | INT | 410 | 1.00 | 2188 | 3 |
| Andreea Navrotescu | WGM | FRA | 411 | 1.50 | 2369 | 1 |
| Sarah de Lisle | WFM | GBR | 414 | 2.50 | 1591 | 1 |
| Adianet Perez Cruz | WFM | CUB | 416 | 0.81 | 1985 | 13 |
| Paula Oviedo | WCM | PRY | 416 | 2.00 | 1923 | 1 |
| Xueyi Li | WGM | CHN | 416 | 1.14 | 2307 | 7 |
| Marya Kiseljova | WFM | RUS | 417 | 2.00 | 2237 | 1 |
| Elene Tsotsonava | WFM | JPN | 419 | 3.00 | 2325 | 1 |
| Laura Unuk | WGM | SVN | 420 | 2.00 | 2369 | 2 |
| Katarzyna Murawko | WCM | POL | 421 | 2.00 | 2085 | 1 |
| Machteld Van Foreest | WIM | NLD | 425 | 1.17 | 2428 | 6 |
| Ivana Maria Furtado | WIM | IND | 428 | 1.33 | 2092 | 3 |
| Cindy Qiao | WFM | CAN | 428 | 1.00 | 2343 | 1 |
| Janelle Mae Frayna | WGM | PHL | 429 | 2.75 | 2508 | 2 |
| Kai Ni Agnes Chong | WFM | CAN | 439 | 0.86 | 2219 | 7 |
| Vishwa Shah | WFM | IND | 441 | 1.00 | 2160 | 2 |
| Nastassia Krauchenia | WFM | BLR | 444 | 0.00 | 2216 | 1 |
| Lakshmi C | WFM | IND | 445 | 0.70 | 2103 | 10 |
| Kristina Zavivaeva | WCM | RUS | 446 | 2.00 | 1924 | 1 |
| Zuzanna Kaminska | WCM | POL | 447 | 1.25 | 1916 | 2 |
| Laksshana Deepak | WCM | CAN | 448 | 0.25 | 1962 | 4 |
| Karina Ivanova | WFM | INT | 449 | 0.56 | 2258 | 24 |
| Karen Zapata | WIM | ESP | 450 | 2.00 | 2169 | 1 |
| Nina Pert | WCM | GBR | 459 | 1.00 | 2102 | 1 |
| Anna Rudolph | WIM | NLD | 459 | 2.00 | 2153 | 3 |
| Lucy Wanjiru | WCM | KEN | 460 | 1.00 | 1427 | 1 |
| Yerisbel Miranda Llanes | WGM | CUB | 461 | 2.00 | 2403 | 1 |
| Adina-Maria Hamdouchi | WGM | FRA | 461 | 3.00 | 2271 | 1 |
| Irina Baraeva | WIM | RUS | 477 | 2.50 | 2304 | 1 |
| Klára Kovács | WIM | HUN | 482 | 1.17 | 2347 | 3 |
| Gabriela Vargas | WIM | PRY | 490 | 0.50 | 2368 | 2 |
| Mariam Janiashvili | WFM | GEO | 492 | 0.50 | 2238 | 1 |
| Gabriela Antova | WGM | BGR | 493 | 0.50 | 2371 | 2 |
| Qianyun Gong | WGM | SGP | 493 | 2.33 | 2537 | 3 |
| Evita Cherepanova | WCM | NOR | 493 | 5.50 | 2300 | 1 |
| Patricija Vujnović | WFM | HRV | 495 | 0.00 | 2374 | 1 |
| Morgen Mills | WFM | CAN | 498 | 0.00 | 2181 | 1 |
| Lera Reger | WFM | DEU | 499 | 2.50 | 2531 | 2 |
| Ingrid Yadyra Aliaga Fernández | WIM | PER | 501 | 0.00 | 2278 | 1 |
| cardiganbyts | WCM | TKM | 502 | 0.50 | 2108 | 2 |
| Ema Walter | WFM | BEL | 506 | 4.00 | 2415 | 1 |
| Khadidja Latreche | WIM | ZAF | 506 | 2.50 | 2102 | 2 |
| Barbara Skuhala | WFM | SVN | 506 | 0.43 | 2208 | 7 |
| Anna Khachatryan | WFM | ARM | 509 | 2.75 | 2330 | 2 |
| Eva Lourenco | WCM | NZL | 517 | 0.00 | 1329 | 1 |
| Maria Emelianova | WFM | NLD | 524 | 0.00 | 1732 | 1 |
| Srishti Pandey | WIM | IND | 530 | 3.25 | 2331 | 2 |
| Besa Masaiti | WFM | BWA | 541 | 0.00 | 1818 | 1 |
| Tilsia Varela | WIM | ESP | 549 | 1.50 | 2504 | 1 |
| Natalya Zainullina | WFM | RUS | 560 | 0.67 | 2204 | 3 |
| Anna Afonasieva | WIM | RUS | 564 | 3.00 | 2515 | 1 |
| Geydis Mantilla Gras | WFM | CUB | 576 | 0.00 | 1994 | 1 |
| Elisa Cassi | WFM | ITA | 578 | 3.00 | 2247 | 1 |
| Gulenay Aydin | WFM | TUR | 583 | 1.17 | 2545 | 3 |
| Enkhtuul Altan-Ulzii | WGM | MNG | 588 | 2.00 | 2507 | 1 |
| Anna Zhurova | WFM | SRB | 590 | 1.50 | 2443 | 1 |
| Lubov Markelova | WFM | RUS | 597 | 1.00 | 2173 | 1 |
| Kylen Joy Mordido | WIM | PHL | 599 | 2.00 | 2229 | 1 |
| Arpita Mukherjee | WIM | INT | 600 | 1.00 | 2648 | 4 |
| Jesse February | WIM | ZAF | 606 | 1.50 | 2002 | 1 |
| Taqwa Hamouri | WCM | ITA | 623 | 1.00 | 1971 | 2 |
| Narmin Soyunlu | WFM | AZE | 626 | 1.00 | 2154 | 1 |
| Linh Dong | WCM | INT | 628 | 0.50 | 2523 | 2 |
| Mounika Akshaya Bommini | WIM | IND | 639 | 1.50 | 2156 | 2 |
| Riddhi Patel | WCM | IND | 649 | 0.00 | 2012 | 2 |
| Maria Severina | WIM | SRB | 661 | 1.50 | 2456 | 1 |
| Xeniya Balabayeva | WIM | KAZ | 667 | 1.00 | 2495 | 1 |
| Valentina Verbin | WFM | INT | 675 | 0.50 | 2196 | 2 |
| Shrook Wafa | WGM | EGY | 687 | 1.00 | 2444 | 1 |
| Enrica Zito | WFM | ITA | 691 | 0.75 | 2258 | 2 |
| Alejandra Guerrero | WIM | MEX | 722 | 0.00 | 2091 | 1 |
| Anna Novikova | WIM | RUS | 749 | 0.00 | 2122 | 2 |
| Viktoria Ni | WIM | USA | 765 | 0.00 | 2218 | 1 |
| Shreya Mangalam | WCM | USA | 826 | 0.00 | 2001 | 1 |

## 2.14 12 Most tournament wins and prize money

This is the code to sort the players by the number of first places and total tournament prize money earned in 2024: Currently the top 3 players with the most wins, also represent the order of the biggest total prize money won. Therefore one award that combines both results should be enough for the final category.

most\_TT\_wins <- player\_df %>% select(name, title, fed, N\_1st, N\_participations) %>%   
 mutate(winning\_pct = round(N\_1st / N\_participations, 3)) %>%   
 arrange(desc(N\_1st)) %>%   
 filter(N\_1st > 3)  
   
kable(most\_TT\_wins)  
highest\_TT\_prize <- player\_df %>% select(name, title, fed, total\_prize, N\_participations) %>%   
 arrange(desc(total\_prize)) %>%   
 slice\_head(n=5)  
kable(highest\_TT\_prize)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| | name | title | fed | N\_1st | N\_participations | winning\_pct | | --- | --- | --- | --- | --- | --- | | Hikaru Nakamura | GM | USA | 16 | 71 | 0.225 | | Magnus Carlsen | GM | NOR | 10 | 47 | 0.213 | | Aleksei Sarana | GM | SRB | 5 | 67 | 0.075 | | Denis Lazavik | GM | BLR | 4 | 47 | 0.085 | | Alireza Firouzja | GM | FRA | 4 | 46 | 0.087 | | Oleksandr Bortnyk | GM | USA | 4 | 70 | 0.057 | | Jan-Krzysztof Duda | GM | POL | 4 | 49 | 0.082 | | | name | title | fed | total\_prize | N\_participations | | --- | --- | --- | --- | --- | | Hikaru Nakamura | GM | USA | 25200 | 71 | | Magnus Carlsen | GM | NOR | 16500 | 47 | | Aleksei Sarana | GM | SRB | 8850 | 67 | | Jeffery Xiong | GM | USA | 8050 | 55 | | Jose Martinez | GM | MEX | 7950 | 70 | |

Hikaru Nakamura wins the Award for most Tournament wins and the biggest prize money earned in 2024.