# Visualizations

#### Matthew Murray

2023-02-07

```
# libraries
library(janitor)
## Warning: package 'janitor' was built under R version 4.0.5
## Attaching package: 'janitor'
## The following objects are masked from 'package:stats':
       chisq.test, fisher.test
##
library(dplyr)
## Warning: package 'dplyr' was built under R version 4.0.5
## 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
##
library(tidyverse)
## Warning: package 'tidyverse' was built under R version 4.0.5
## -- Attaching packages ------ tidyverse 1.3.1 --
## v ggplot2 3.3.5 v purr 0.3.4
## v tibble 3.1.4 v stringr 1.4.0
## v tidyr 1.1.3 v forcats 0.5.1
## v readr 2.0.1
```

```
## Warning: package 'ggplot2' was built under R version 4.0.5
## Warning: package 'tibble' was built under R version 4.0.5
## Warning: package 'tidyr' was built under R version 4.0.4
## Warning: package 'readr' was built under R version 4.0.5
## Warning: package 'purrr' was built under R version 4.0.3
## Warning: package 'stringr' was built under R version 4.0.4
## Warning: package 'forcats' was built under R version 4.0.4
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()
                    masks stats::lag()
library(lubridate)
## Warning: package 'lubridate' was built under R version 4.0.4
##
## Attaching package: 'lubridate'
## The following objects are masked from 'package:base':
##
      date, intersect, setdiff, union
library(stringi)
## Warning: package 'stringi' was built under R version 4.0.5
library(r2r)
## Warning: package 'r2r' was built under R version 4.0.5
library(purrr)
library(scales)
## Warning: package 'scales' was built under R version 4.0.4
##
## Attaching package: 'scales'
## The following object is masked from 'package:purrr':
##
      discard
## The following object is masked from 'package:readr':
##
##
      col_factor
```

```
# read in data
data <- read.csv("data.csv")

# truncate/filter data
data <- data[data$Year >= 1954, ]
```

# Visualizations

## All Subjective Sports

## Number of Potential GOATs by Year (Version 5.0)

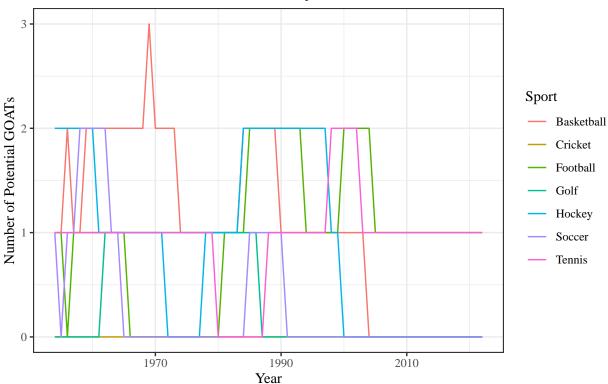


Figure 1

#### Soccer

## **Number of Potential Soccer GOATs by Year**

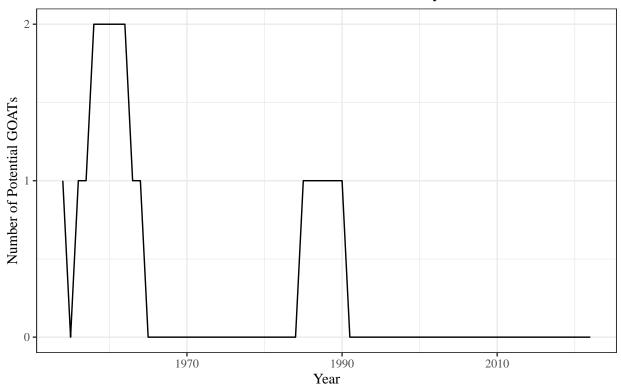


Figure 2

#### Cricket

## Number of Potential Cricket GOATs by Year

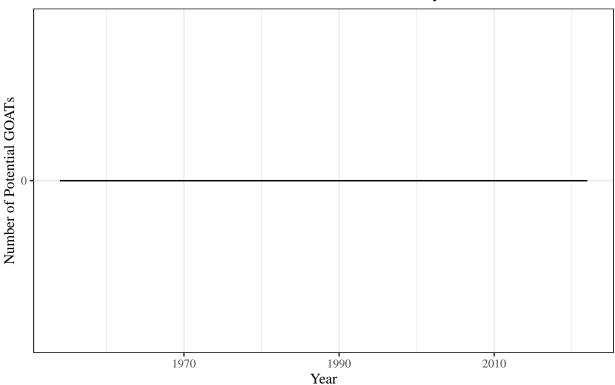


Figure 3

#### Tennis

## **Number of Potential Tennis GOATs by Year**

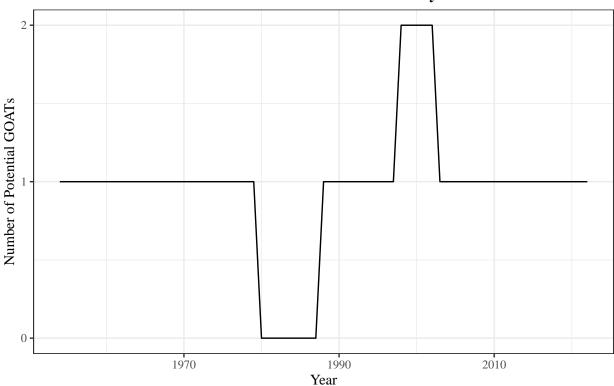


Figure 4

#### Basketball

## Number of Potential Basketball GOATs by Year

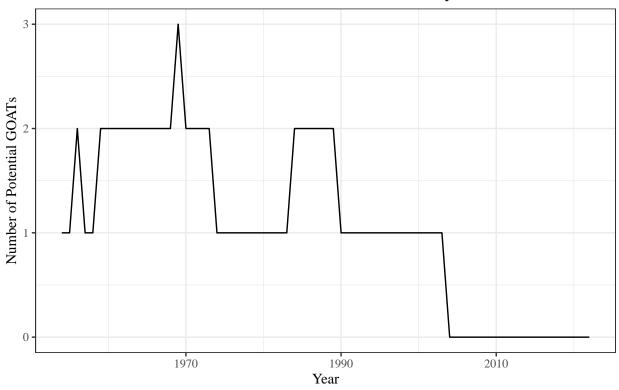


Figure 5

#### Football

## **Number of Potential Football GOATs by Year**

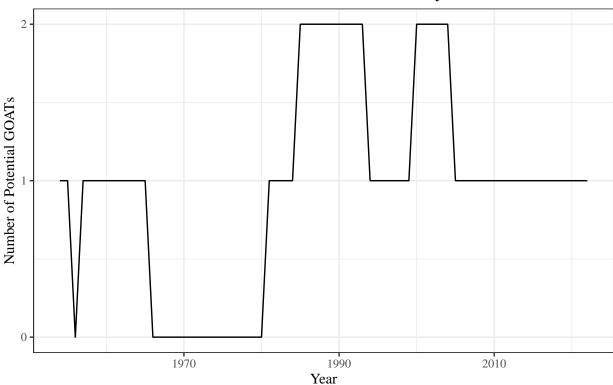


Figure 6

# Hockey

## Number of Potential Hockey GOATs by Year

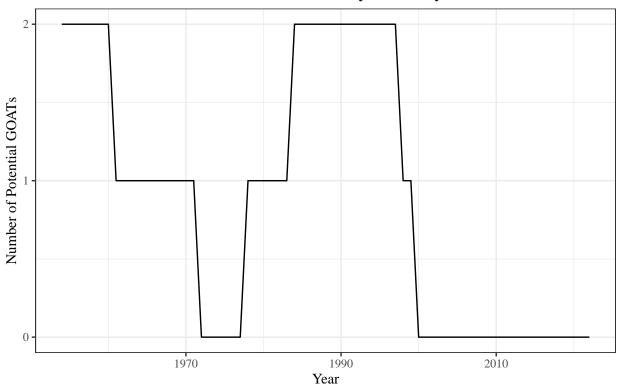


Figure 7

#### Golf

## **Number of Potential Golf GOATs by Year**

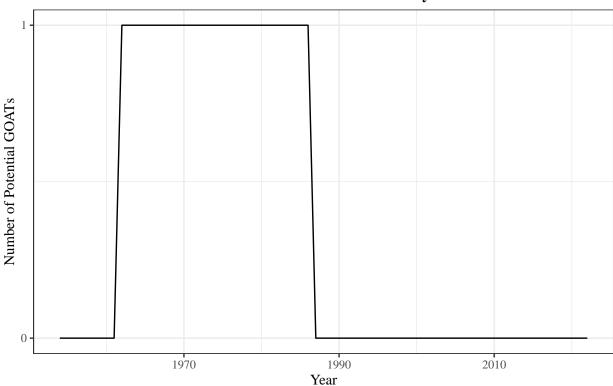


Figure 8

"