

baby names

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Question 1

Purpose of this work folder.

Ideally store a minimum working example data set in data folder.

Add binary files in bin, and closed R functions in code. Human Readable settings files (e.g. csv) should be placed in settings/

```
##           used (Mb) gc trigger (Mb) max used (Mb)
## Ncells 480162 25.7   1041690 55.7   660402 35.3
## Vcells 889841  6.8    8388608 64.0   1770107 13.6
```

```
## Warning: package 'ggplot2' was built under R version 4.3.3
```

```
## -- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
## v dplyr      1.1.4      v readr      2.1.5
## v forcats    1.0.0      v stringr   1.5.1
## v ggplot2     3.5.1      v tibble    3.2.1
## v lubridate  1.9.3      v tidyr     1.3.1
## 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 become errors
```

Refer to 1

```
rankednames %>% plot_spearman_graph()
```

```
## Warning: There was 1 warning in 'summarize()'.
## i In argument: 'Spearman = calculate_spearman(cur_data())'.
## i In group 1: 'Year_current = 1910'.
## Caused by warning:
## ! 'cur_data()' was deprecated in dplyr 1.1.0.
## i Please use 'pick()' instead.
```

Okay

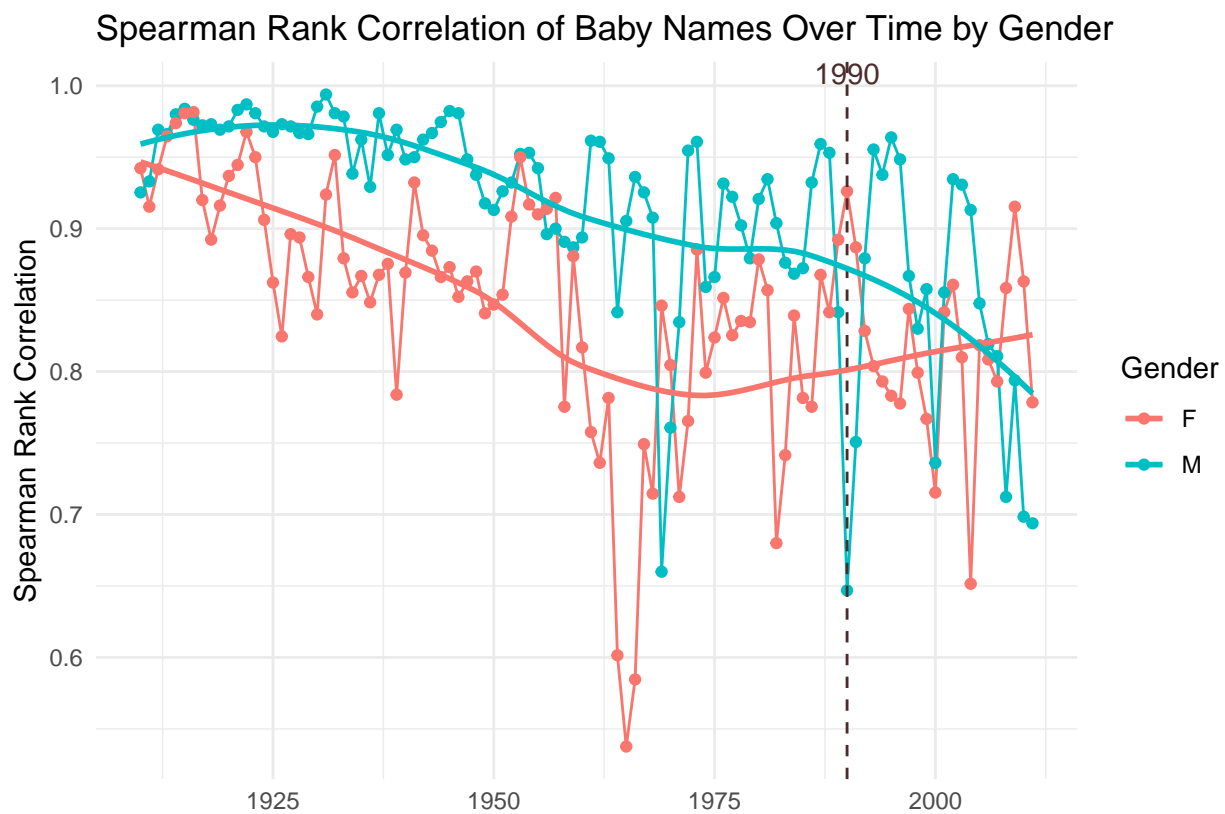


Figure 1: Spearman Correlation