Assignment Q&M 3

Weronika Golik

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Game of Thrones - Season 1 summary in numbers

(*Warning:* spoilers ahead)

Overview

(From the Wikipedia) Game of Thrones is an American fantasy drama television series created by David Benioff and D. B. Weiss for HBO. It is an adaptation of A Song of Ice and Fire, a series of fantasy novels by George R. R. Martin, the first of which is A Game of Thrones.

Set on the fictional continents of Westeros and Essos, Game of Thrones has a large ensemble cast and follows several story arcs throughout the course of the show. A major arc concerns the Iron Throne of the Seven Kingdoms of Westeros through a web of political conflicts among the noble families either vying to claim the throne or fighting for independence from it. Another focuses on the last descendant of the realm's deposed ruling dynasty, who has been exiled to Essos and is plotting a return to the throne. A third story arc follows the Night's Watch, a military order defending the realm against threats from the North.

Season 1 Summary

Description from the Wikipedia page.

```r
library(rvest)
library(stringr)

season <- params$season
wiki_url <- paste0("https://en.wikipedia.org/wiki/Game_of_Thrones_(season_", season, ")")

# Read the HTML
page <- read_html(wiki_url)

# Extract first paragraph under the content (usually <p> inside the main content div)
paragraphs <- page %>% html_elements("p") %>% html_text()

# Pick the first non-empty paragraph as the season description
season_summary <- paragraphs[which(str_length(paragraphs) > 100)[1]]
```

The first season of the fantasy drama television series Game of Thrones premiered on HBO on April 17, 2011, in the U.S. and concluded on June 19, 2011. It consists of ten episodes, each of approximately 55 minutes. The series is based on A Game of Thrones, the first novel in the A Song of Ice and Fire series by George R. R. Martin, adapted for television by David Benioff and D. B. Weiss. HBO had ordered a television pilot in November 2008; filming began the following year. However, it did not receive a season order and was later reworked with some roles recast. In March 2010, HBO ordered the first season, which began filming in July 2010, primarily in Belfast, Northern Ireland, with additional filming in Malta.

```r
most_popular_index <- which.max(season_data$viewers)

most_popular_title <- season_data$title[most_popular_index]
most_popular_description <- season_data$description[most_popular_index]
```

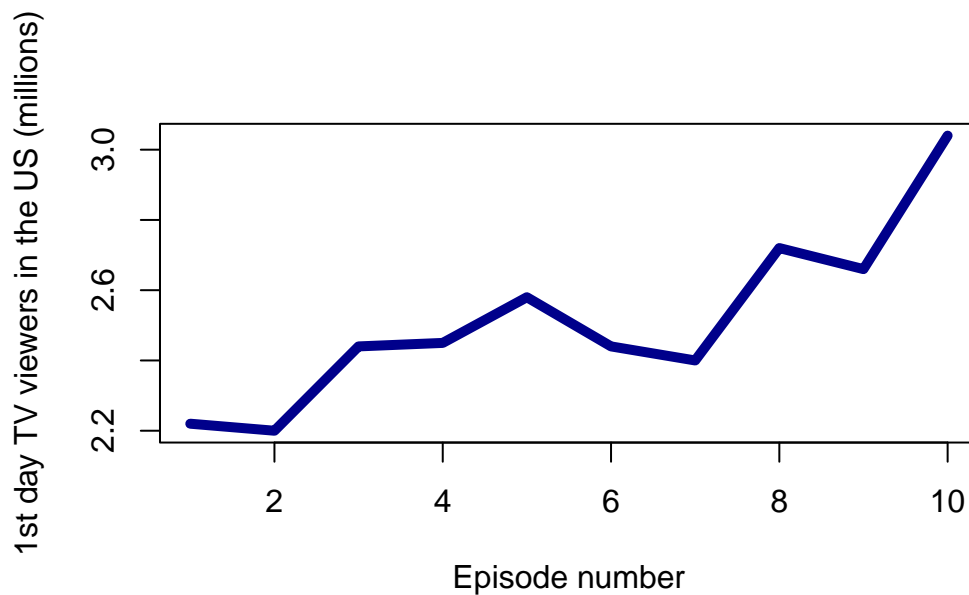The most popular episode of the season was " "Fire and Blood" ", in which:

> "The North secedes from the Seven Kingdoms and proclaims Robb as king. With Jaime as the Starks' prisoner and Robert's two brothers, Stannis and Renly, each challenging Joffrey's claim to the throne, Tywin appoints Tyrion as acting King's Hand, while Tywin fights to defend Joffrey's reign. Jon attempts to desert the Night's Watch to avenge Ned and join Robb, but his Night's Watch brothers convince him to honor his oath. Jon joins an expedition to search for Benjen Stark beyond the Wall. Yoren, a Night's Watch recruiter, smuggles Arya out of King's Landing disguised as a boy, while Joffrey intends to crown Sansa his queen, despite executing her father. Daenerys's baby is born deformed and dead, and Drogo is left in a vegetative state by the witch's treacherous magic. Daenerys compassionately ends Drogo's life. She places the three dragon eggs on Drogo's funeral pyre and

sets it afire, also burning the witch alive. Ignoring Jorah's pleas, she walks into the flames. When the embers die the following morning, Daenerys is found in the ashes, unharmed, flanked by three newly-hatched baby dragons. Jorah and other witnesses kneel before her."

You can see how the viewership of the episodes changed in Figure 1.

```
plot(season_data$viewers, type="l", col="darkblue", lwd=5, xlab = "Episode number", ylab = "
```

Finally, the episodes with the above-average viewership were:

```
avg_viewers <- mean(season_data$viewers, na.rm = TRUE)

popular_episodes <- season_data[season_data$viewers > avg_viewers, ]

table_data <- popular_episodes[, c("no_season", "title", "directed_by")]

knitr::kable(table_data, col.names = c("No. in season", "Title", "Directed by"))
```

	No. in season	Title	Directed by
9	5	"The Wolf and the Lion"	Brian Kirk
15	8	"The Pointy End"	Daniel Minahan
17	9	"Baelor"	Alan Taylor
19	10	"Fire and Blood"	Alan Taylor