JTBC 1702

Problem

JTBC 뉴스룸에서는 다음과 같은 도표의 후보지지도 여론조사 결과를 보도.



JTBC 뉴스룸 2017. 2월

막대의 높이에 의구심을 표한 시청자들의 항의에 직면함.

제대로 된 막대그래프를 그리면서 R Base plot과 ggplot에 대하여 학습.

Data Setup

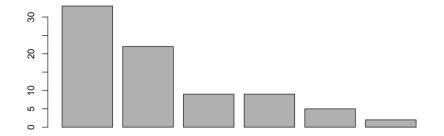
```
candidates <- c("문재인", "안희정", "황교안", "안철수", "이재명", "유승민")
rates <- c(33, 22, 9, 9, 5, 2)
party <- c("더불어민주당", "자유한국당", "국민의당", "바른정당")
colour_party <- c("skyblue", "lightgrey", "darkgreen", "darkblue")
candidates_party <- c("더불어민주당", "더불어민주당", "자유한국당", "국민의당", "더불어민주당", "바른정당")
match(candidates_party, party)
```

```
## [1] 1 1 2 3 1 4
```

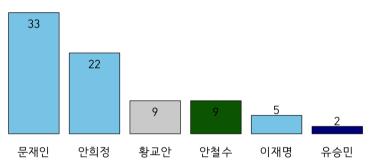
candidates_colour <- colour_party[match(candidates_party, party)]</pre>

Barplot (R Base)

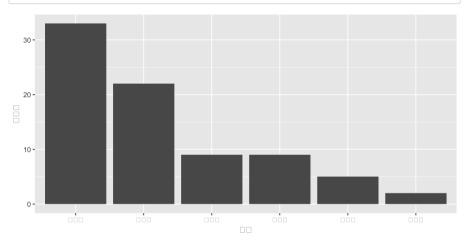
barplot(rates)

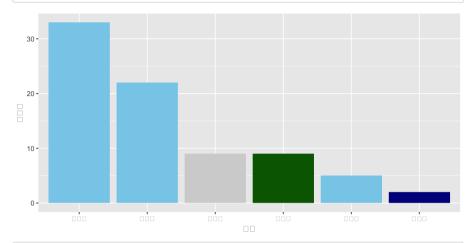


대선주자 지지율(%)

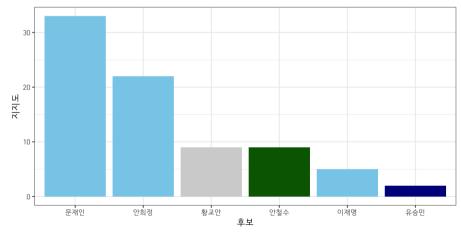


ggplot

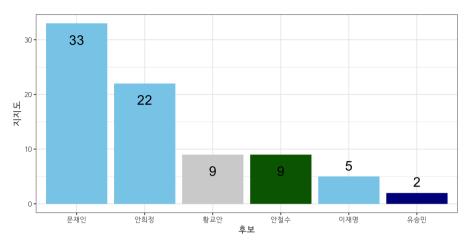




```
(g2 <- g1 +
  theme_bw(base_family = "HCR Dotum LVT"))</pre>
```

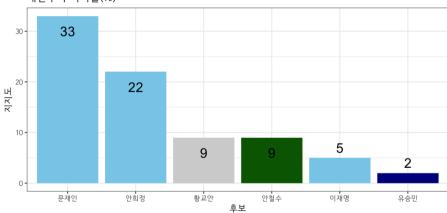


```
(g3 <- g2 + geom_text(mapping = aes(x = $\bar{p}t$, 
 <math>y = N|N_x + c(rep(-3, 4), rep(2, 2)), 
 label = N|N_x + c(rep(-3, 4), rep(2, 2)), 
 size = 6))
```



```
(g4 <- g3 +
  labs(title = main_title))</pre>
```

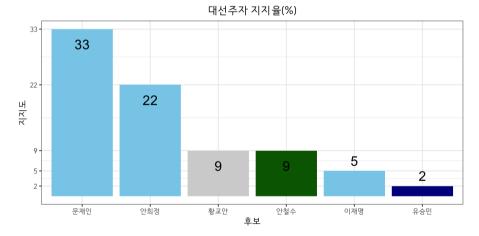




```
(g5 <- g4 +
theme(plot.title = element_text(hjust = 0.5)))</pre>
```







```
(g7 <- g6 +
theme(panel.border = element_blank(),
    axis.title.x = element_blank(),
    axis.title.y = element_blank(),
    axis.text.x = element_text(vjust = 0),
    axis.ticks = element_blank(),
    axis.text.y = element_blank()))</pre>
```



