## change\_c

## Yujia Li

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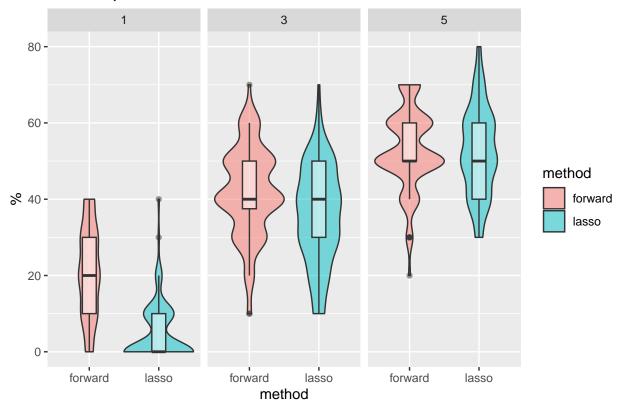
#dataset

```
lasso_c_simdata <- read_csv("varying_c_lasso.csv") %>%
  select(-1) %>%
  mutate(c.val = factor(c.val)) %>%
  pivot_longer(cols = c(pct_strong_vec,
                       pct_wai_vec,
                       pct_wbc_vec,
                       type1_error_vec,
                       power_vec),
                         names_to = "metric") %>%
  #group_by(cor_val, metric) %>%
  #summarize(mean_pct = mean(value))
 mutate(method = "lasso")
## New names:
## Rows: 300 Columns: 7
## -- Column specification
## ------ Delimiter: "," dbl
## (7): ...1, c.val, pct_strong_vec, pct_wai_vec, pct_wbc_vec, type1_error_...
## i Use 'spec()' to retrieve the full column specification for this data. i
## Specify the column types or set 'show_col_types = FALSE' to quiet this message.
## * ' ' -> ' . . . 1 '
forward_c_simdata <- read.csv("varying_c_forward.csv")%>%
  select(-1) %>%
 mutate(c.val = factor(c.val)) %>%
 pivot_longer(cols = c(pct_strong_vec,
                       pct_wai_vec,
                       pct_wbc_vec,
                       type1_error_vec,
                       power vec),
                          names_to = "metric") %>%
  mutate(method = "forward")
```

#graph for WBC

combined\_c\_simdata <- rbind(forward\_c\_simdata, lasso\_c\_simdata)</pre>

## % WBC predictors selected for differeent c



#graph for WAI

## % WAI predictors selected for differeent c

