plots!

Class

```
library(tidyverse)
```

```
## -- 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
```

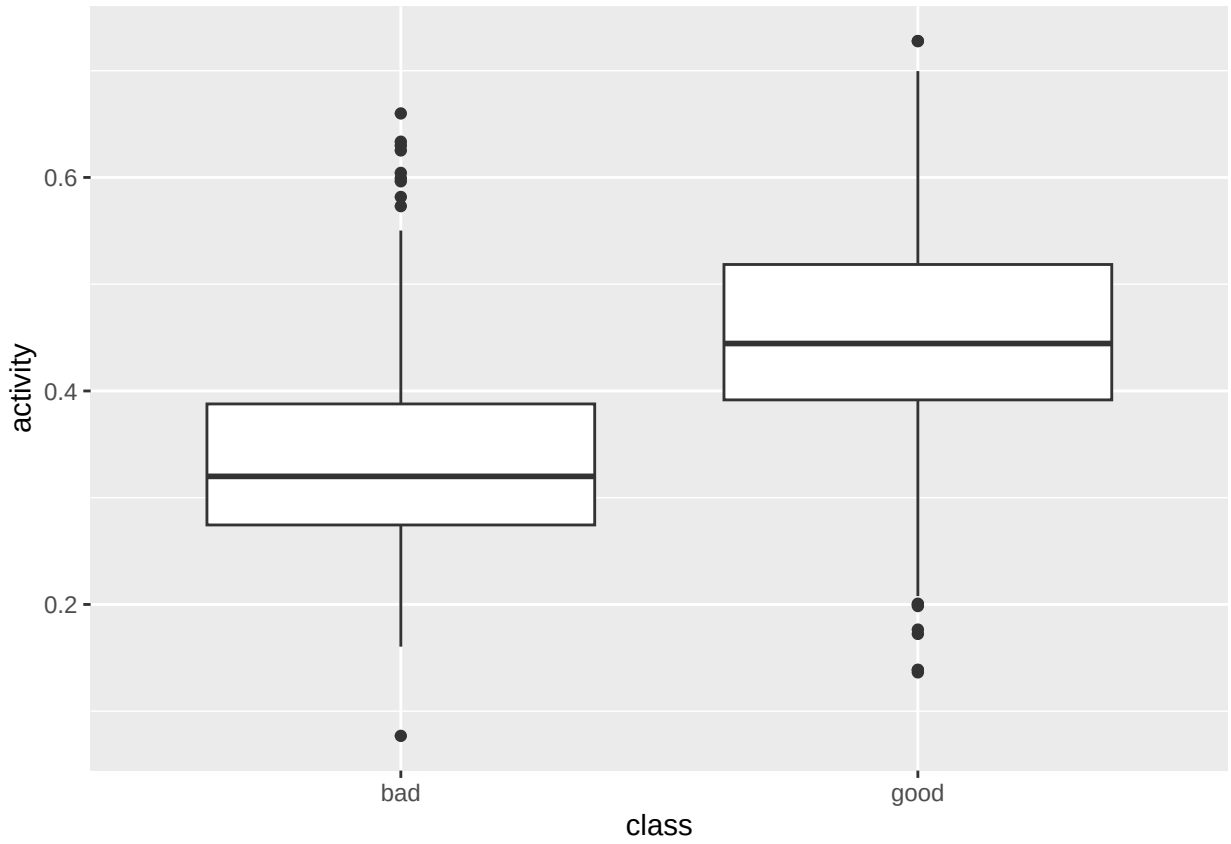
```
df <- read_csv("measurements.csv")
```

```
## Rows: 754 Columns: 108
## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr (20): fpath, KUK_ID, FileName, FileFormat, FolderPath, subcorpus, Source...
## dbl (85): RuleAbstractNouns, RuleAmbiguousRegards, RuleAnaphoricReferences, ...
## lgl  (3): ClarityPursuit, SyllogismBased, Bindingness
##
## 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.
```

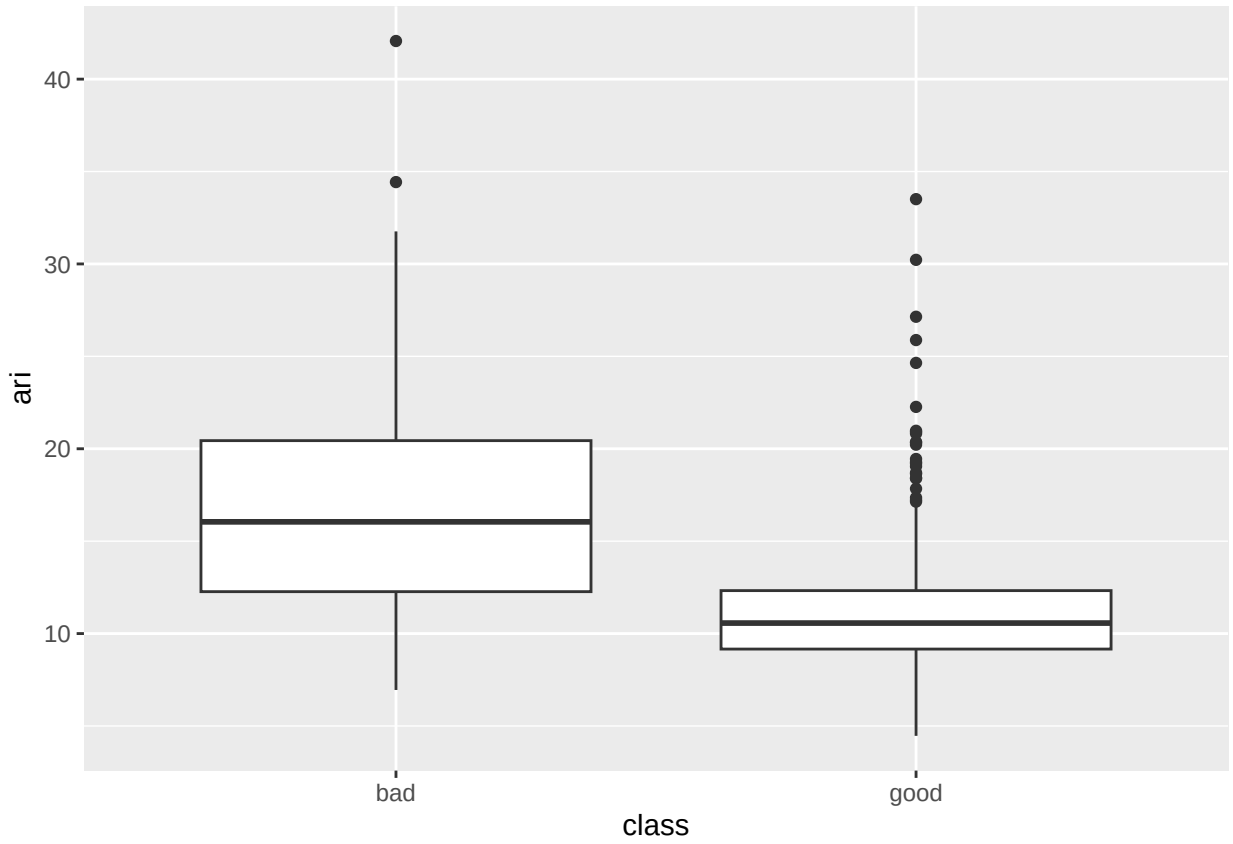
```
df %>%
  select(subcorpus, class) %>%
  table()
```

```
##             class
## subcorpus    bad good
##   CzCDC      214    0
##   FrBo        78  229
##   KUKY        82  110
##   LiFRLaw      3    0
##   OmbuFlyers  38    0
```

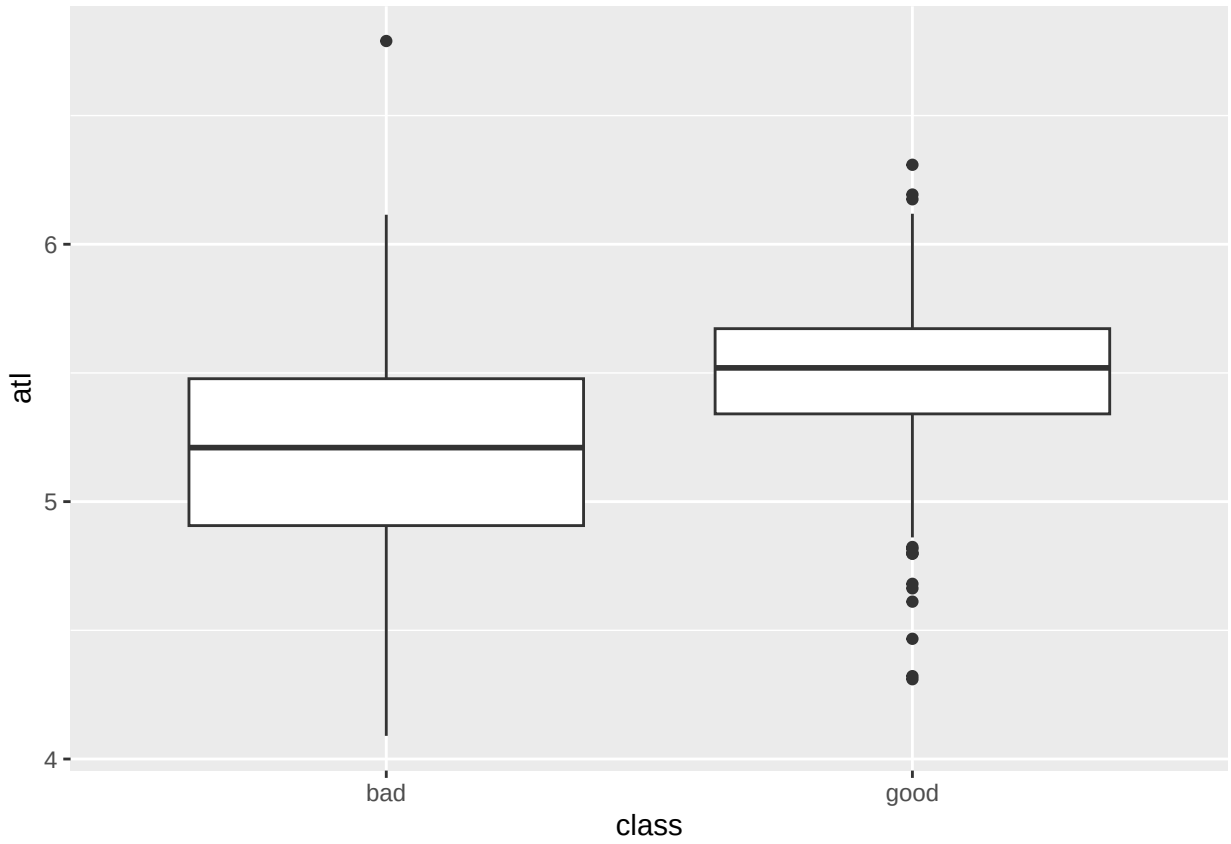
```
df %>% ggplot(aes(x = class, y = activity)) +
  geom_boxplot()
```



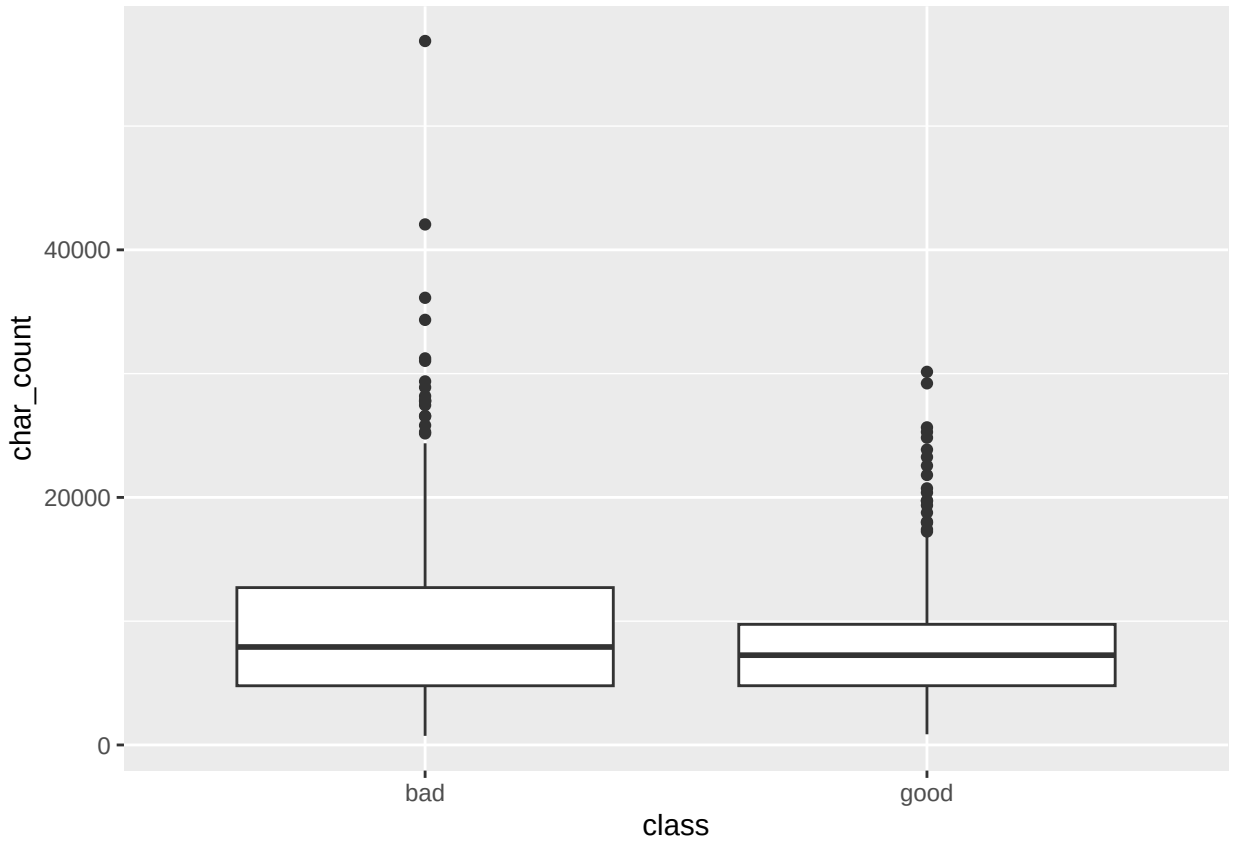

```
df %>% ggplot(aes(x = class, y = ari)) +
  geom_boxplot()
```



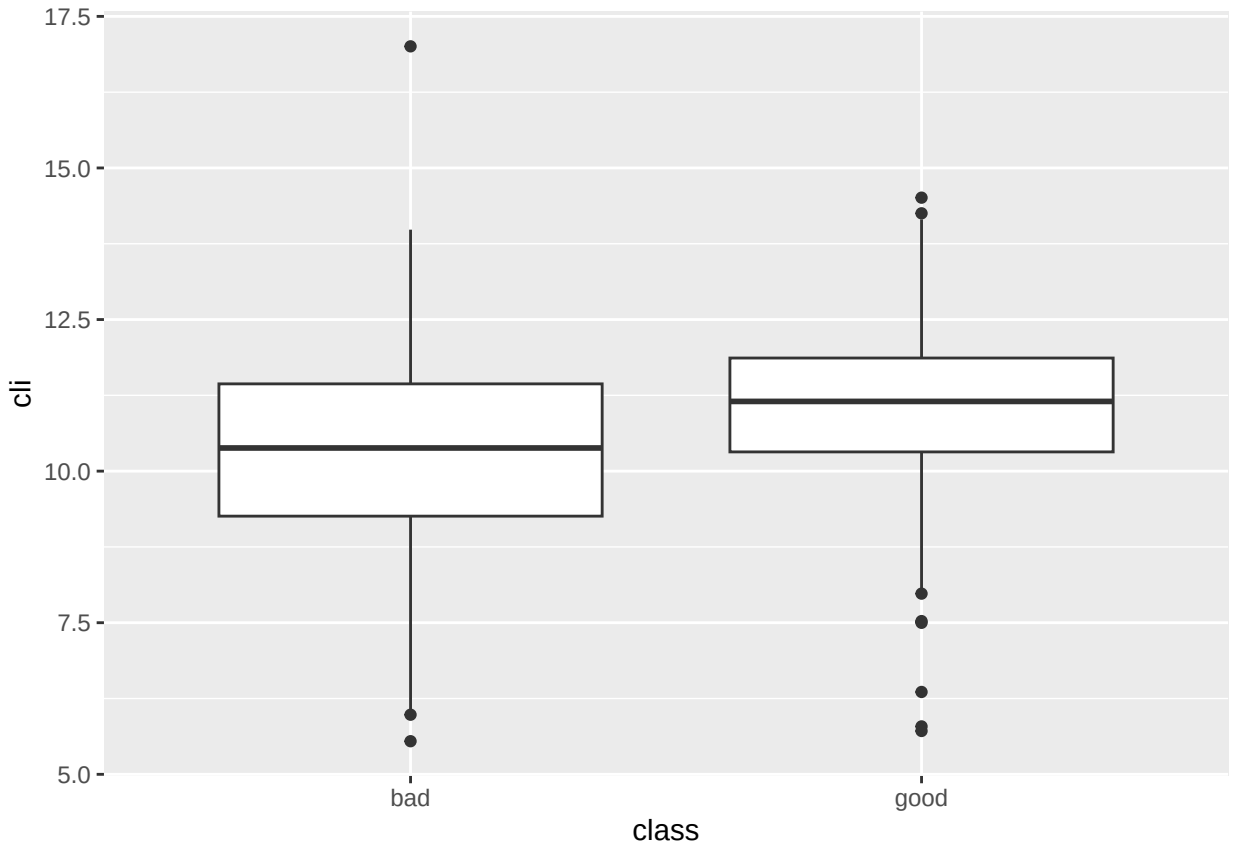

```
df %>% ggplot(aes(x = class, y = atl)) +
  geom_boxplot()
```



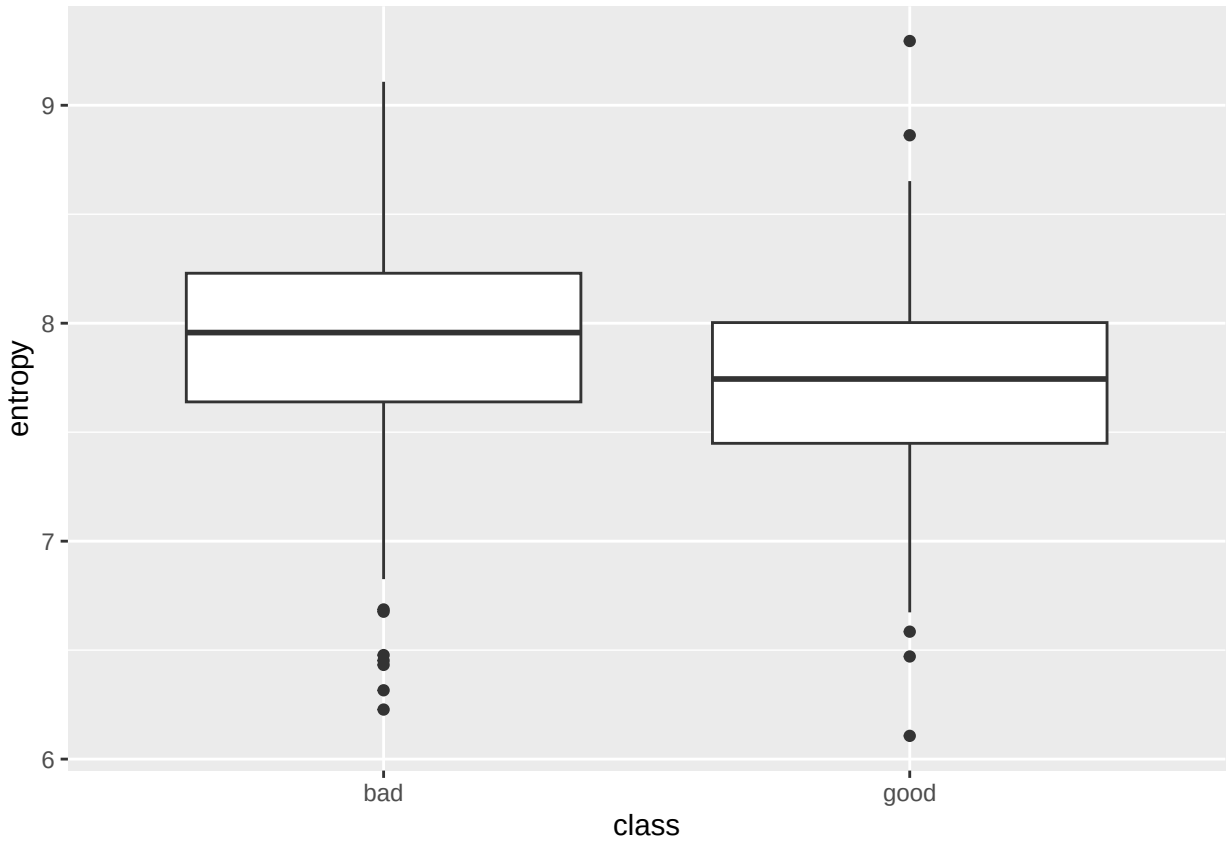

```
df %>% ggplot(aes(x = class, y = char_count)) +
  geom_boxplot()
```



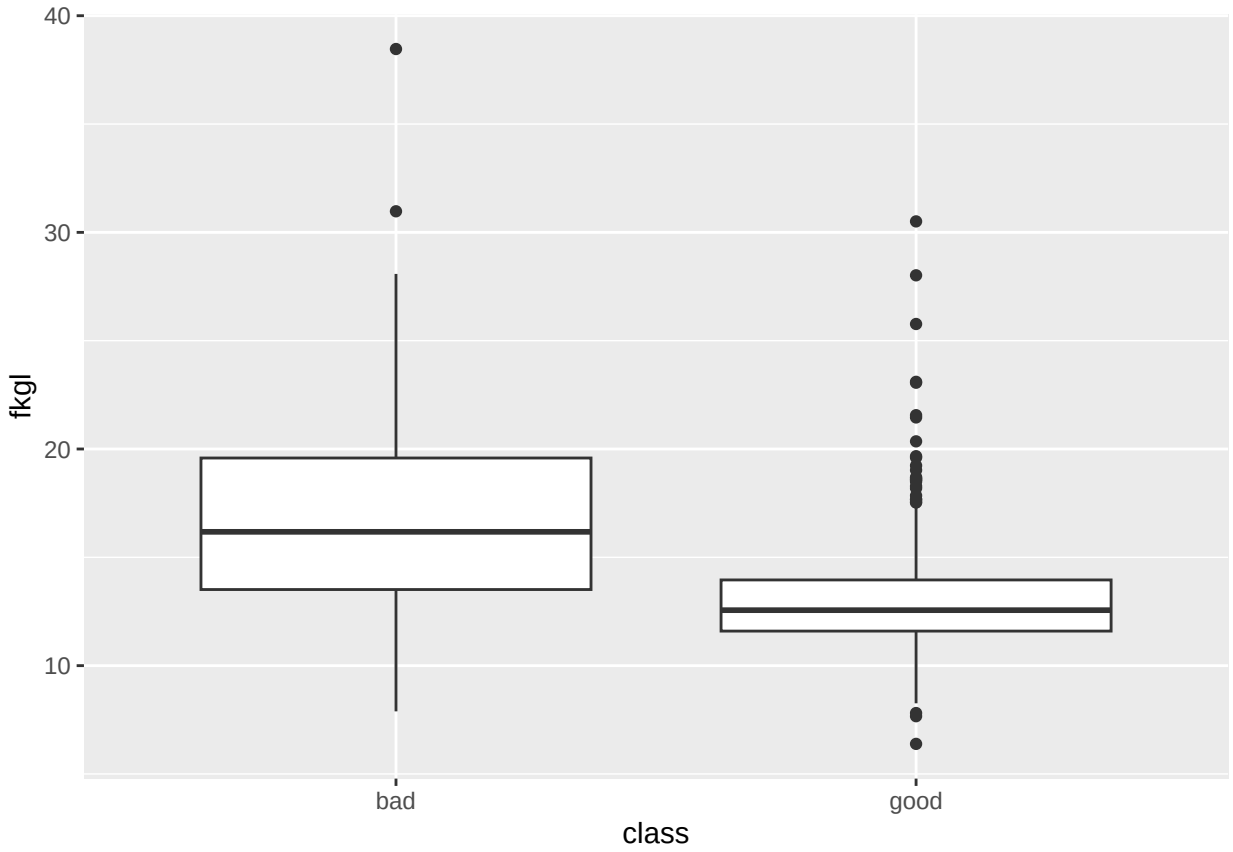

```
df %>% ggplot(aes(x = class, y = cli)) +
  geom_boxplot()
```



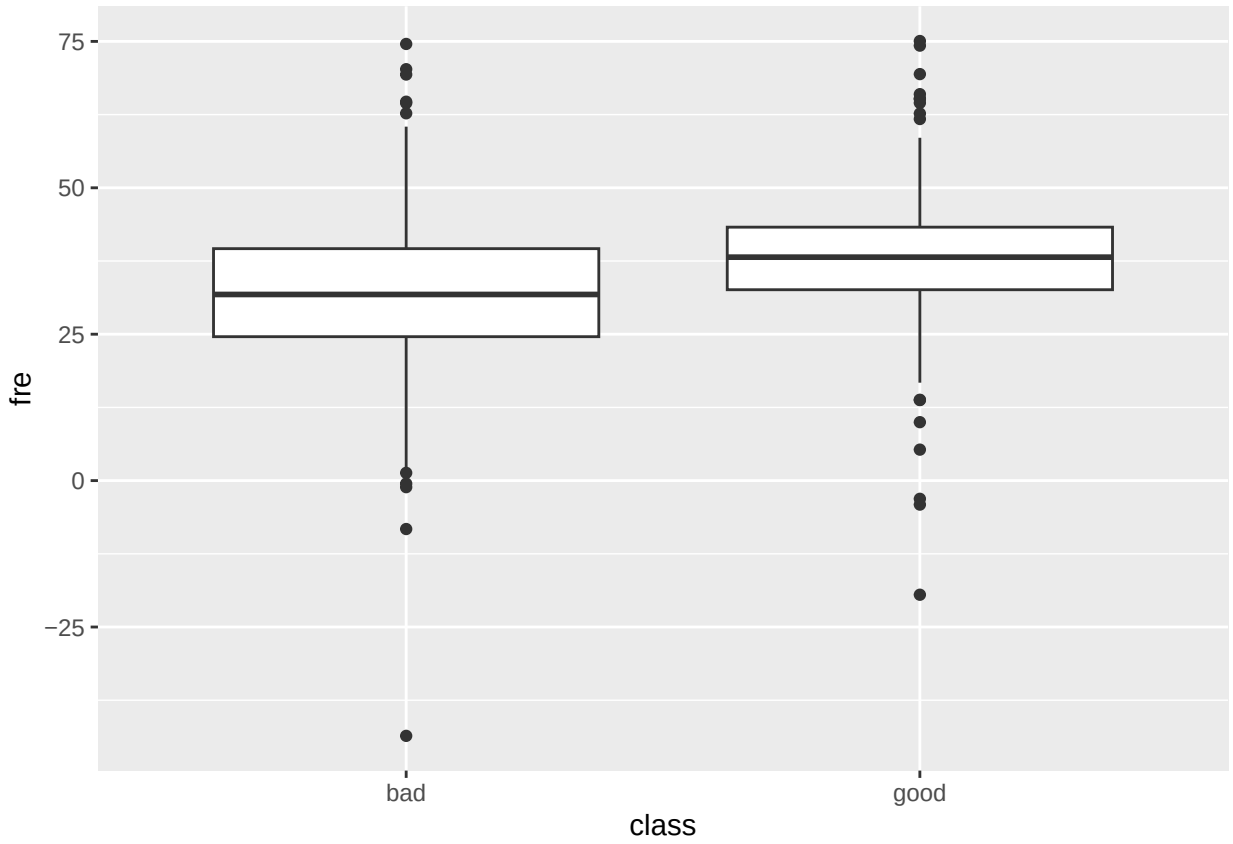

```
df %>% ggplot(aes(x = class, y = entropy)) +
  geom_boxplot()
```



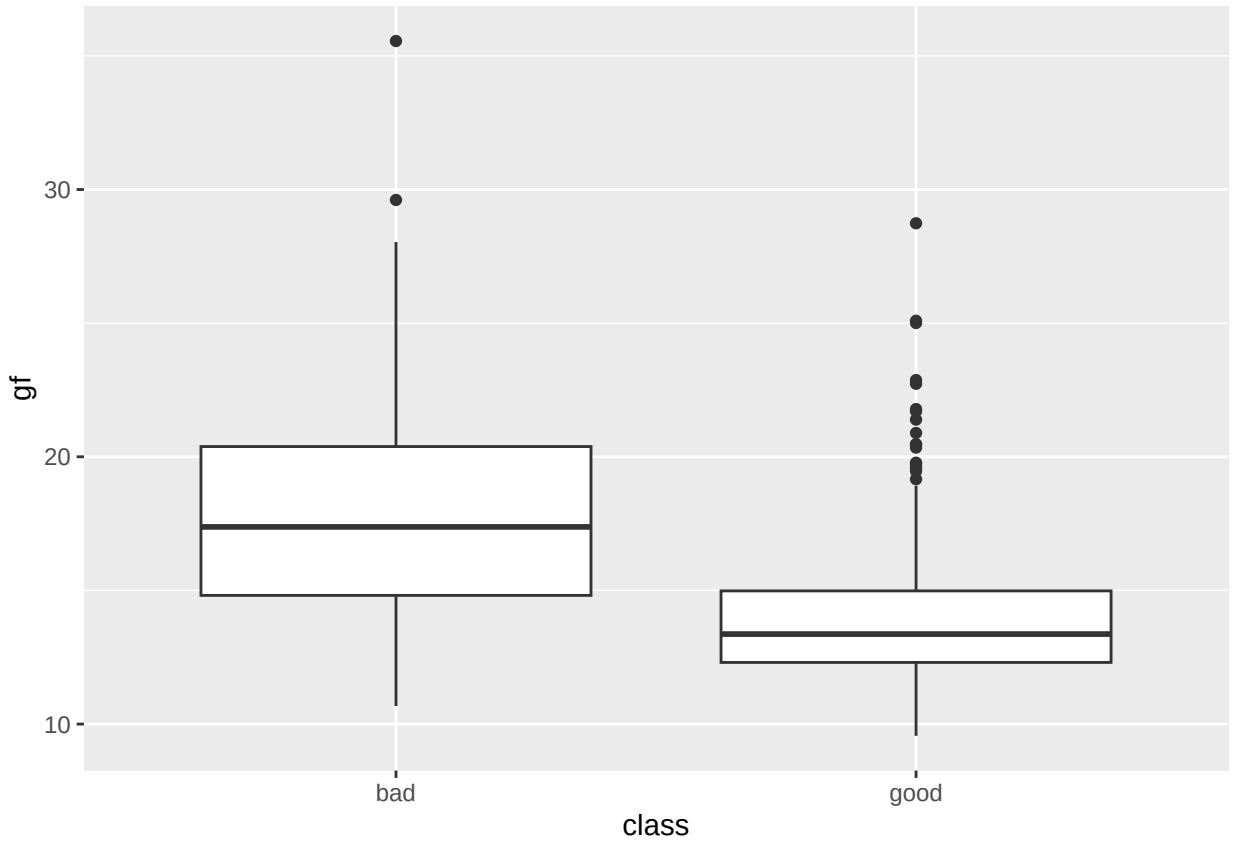

```
df %>% ggplot(aes(x = class, y = fkgl)) +
  geom_boxplot()
```



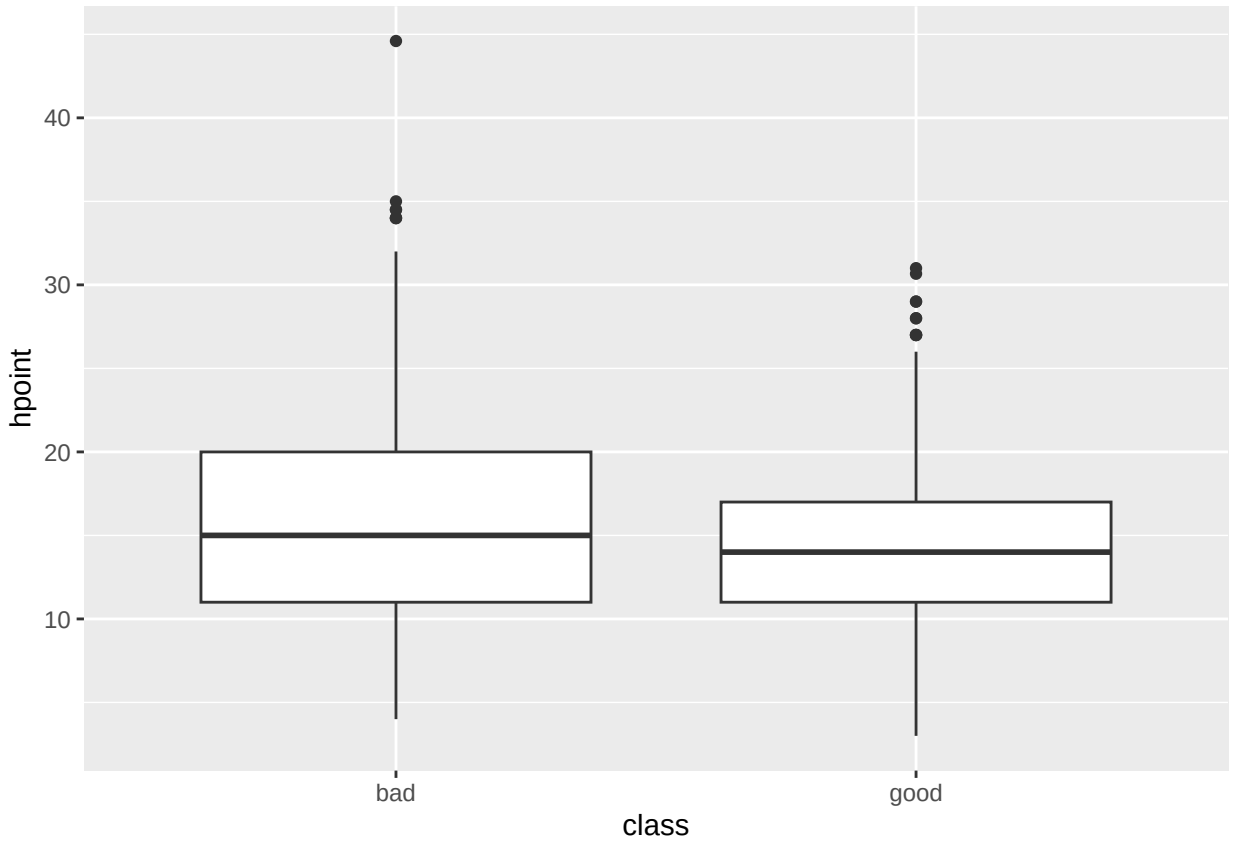

```
df %>% ggplot(aes(x = class, y = fre)) +
  geom_boxplot()
```



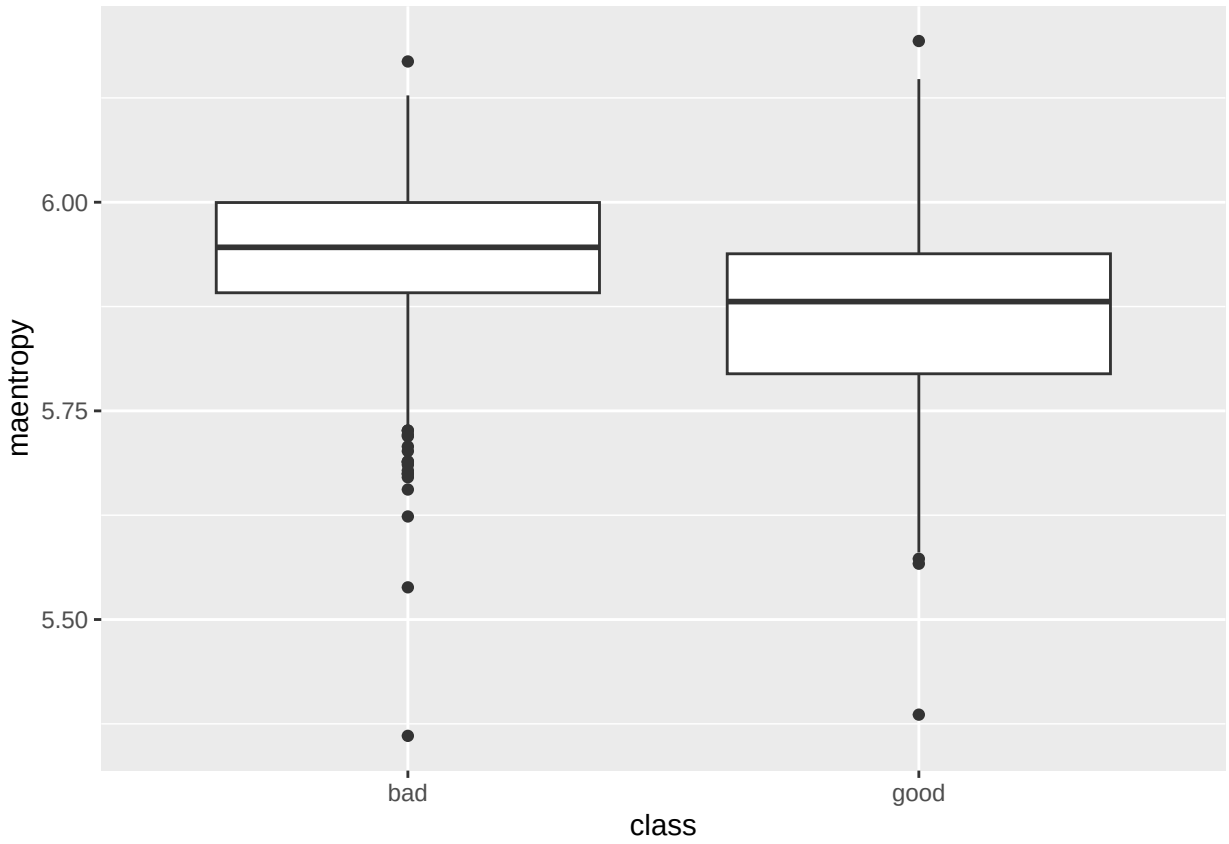

```
df %>% ggplot(aes(x = class, y = gf)) +
  geom_boxplot()
```



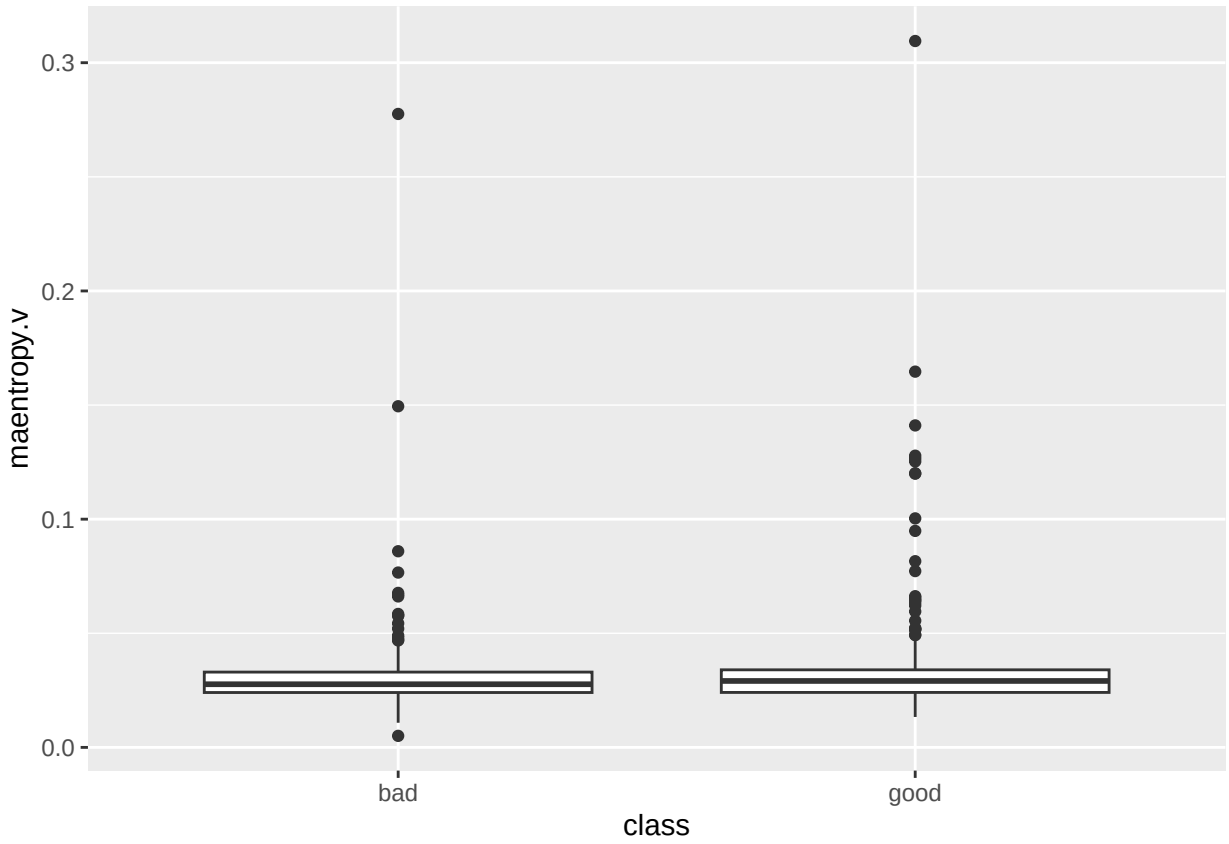

```
df %>% ggplot(aes(x = class, y = hpoint)) +
  geom_boxplot()
```



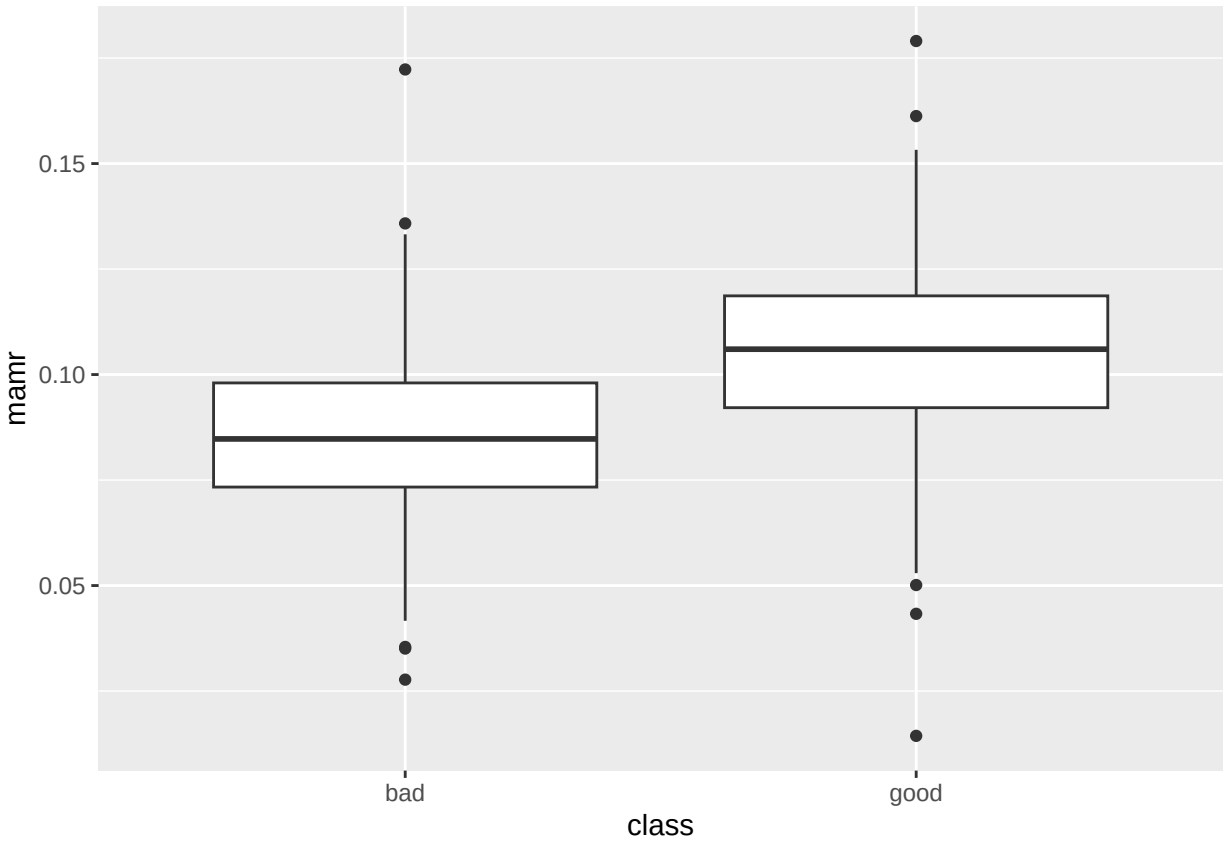

```
df %>% ggplot(aes(x = class, y = maentropy)) +
  geom_boxplot()
```



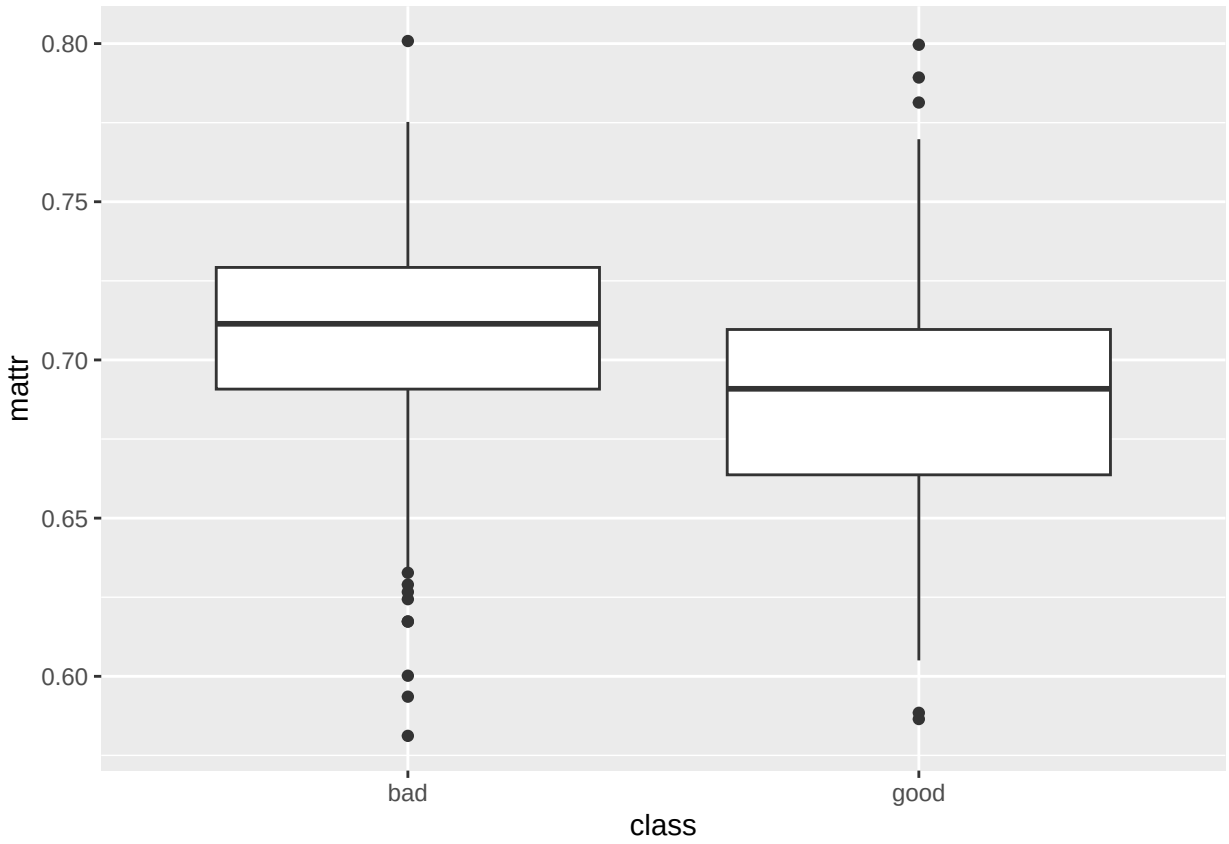

```
df %>% ggplot(aes(x = class, y = maentropy.v)) +
  geom_boxplot()
```



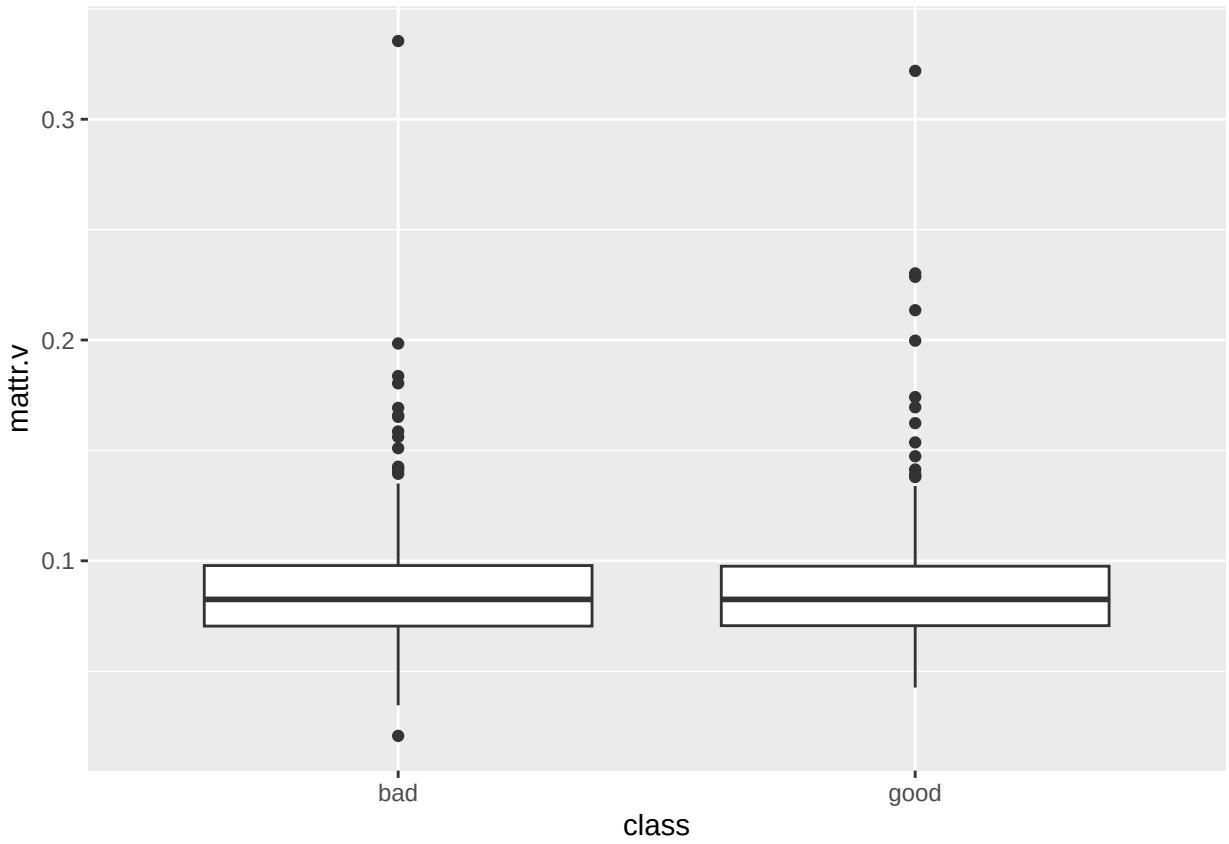

```
df %>% ggplot(aes(x = class, y = mamr)) +
  geom_boxplot()
```



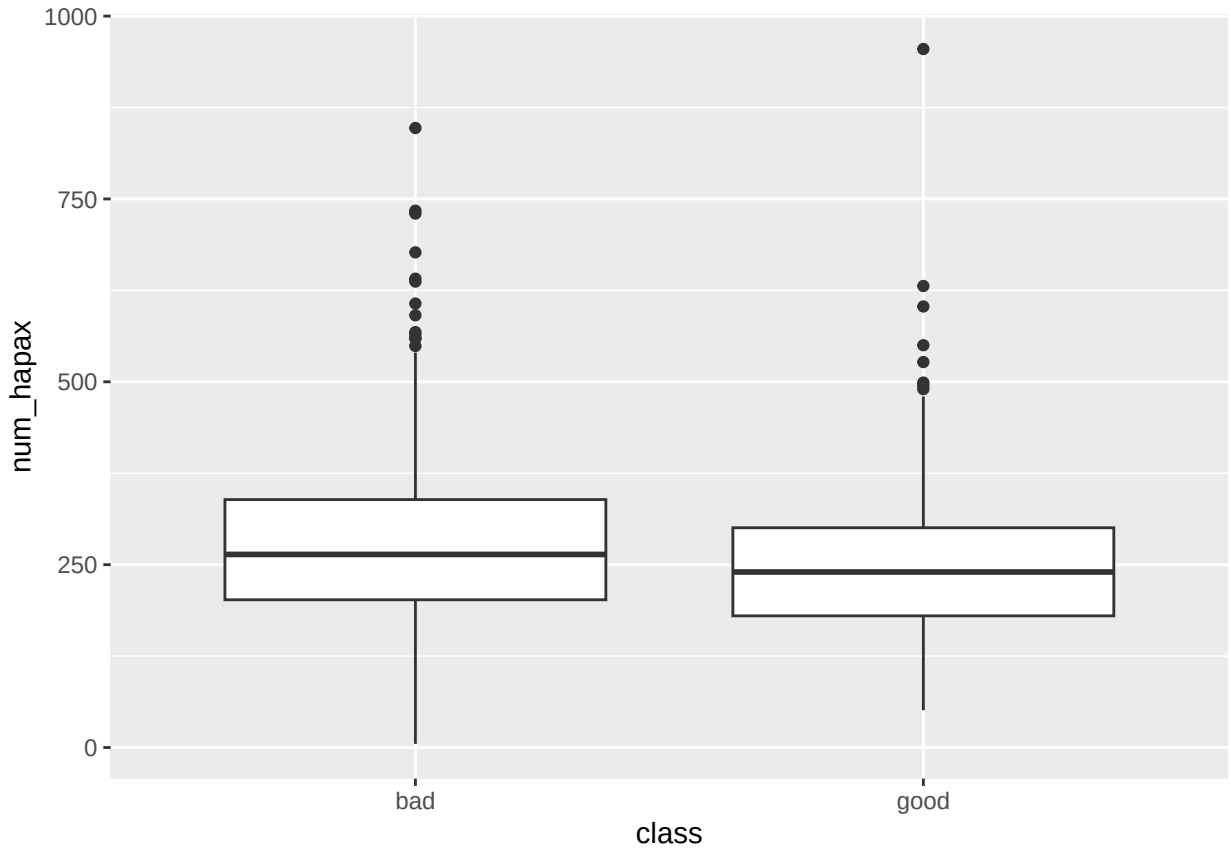

```
df %>% ggplot(aes(x = class, y = mattr)) +
  geom_boxplot()
```



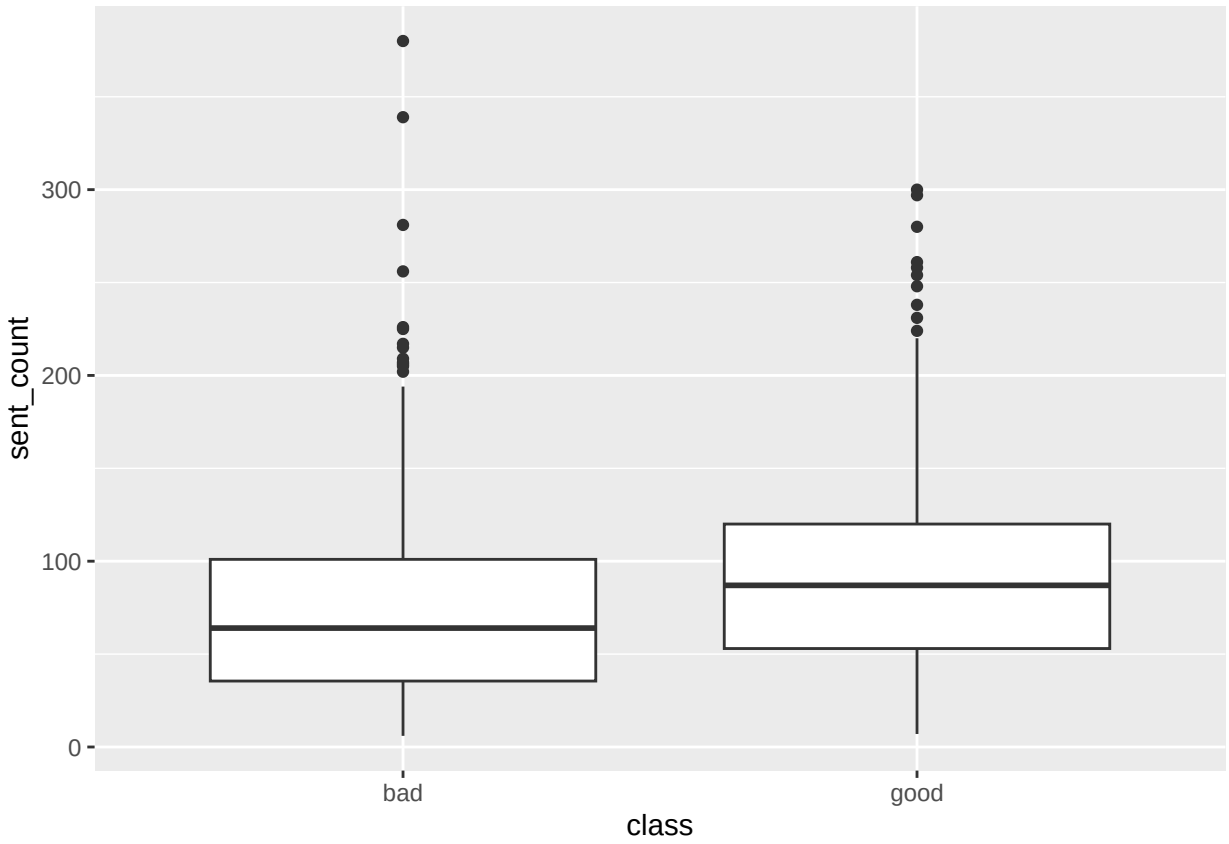

```
df %>% ggplot(aes(x = class, y = mattr.v)) +
  geom_boxplot()
```



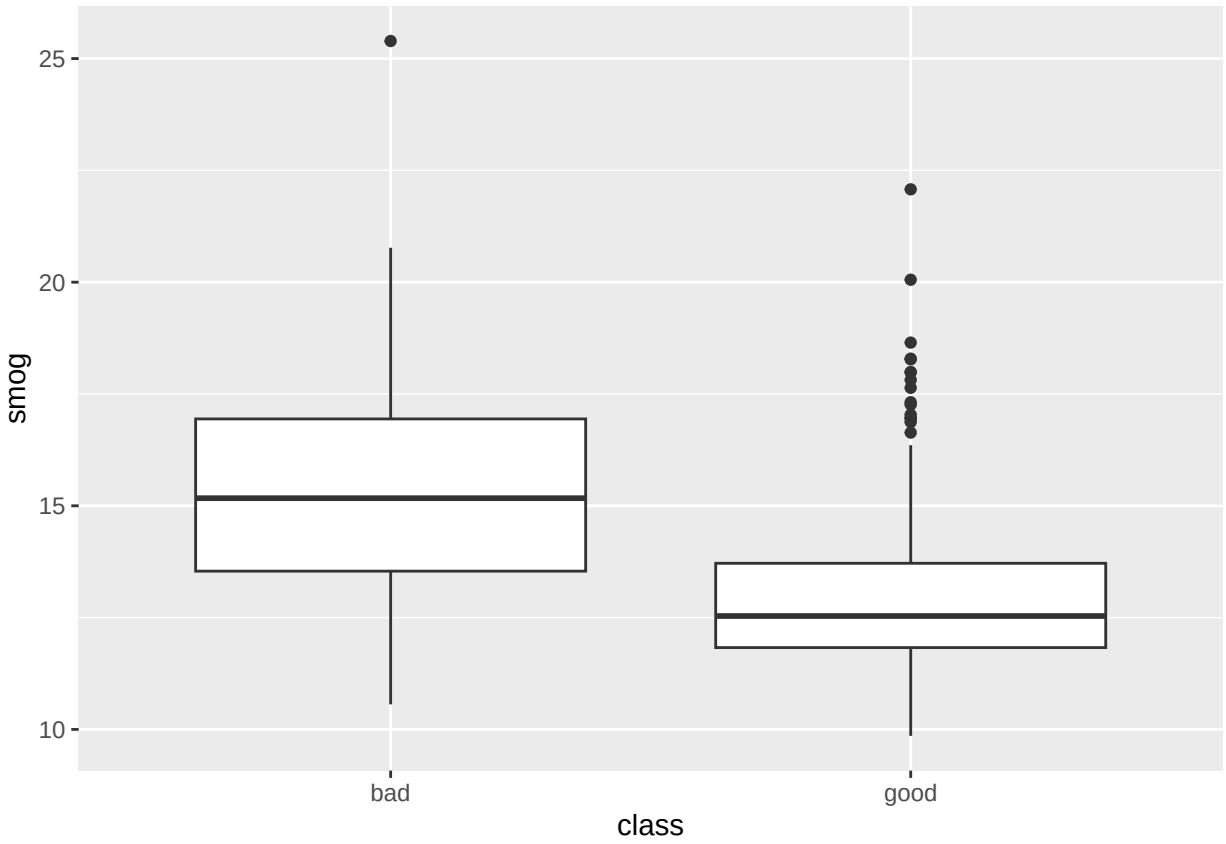

```
df %>% ggplot(aes(x = class, y = num_hapax)) +
  geom_boxplot()
```



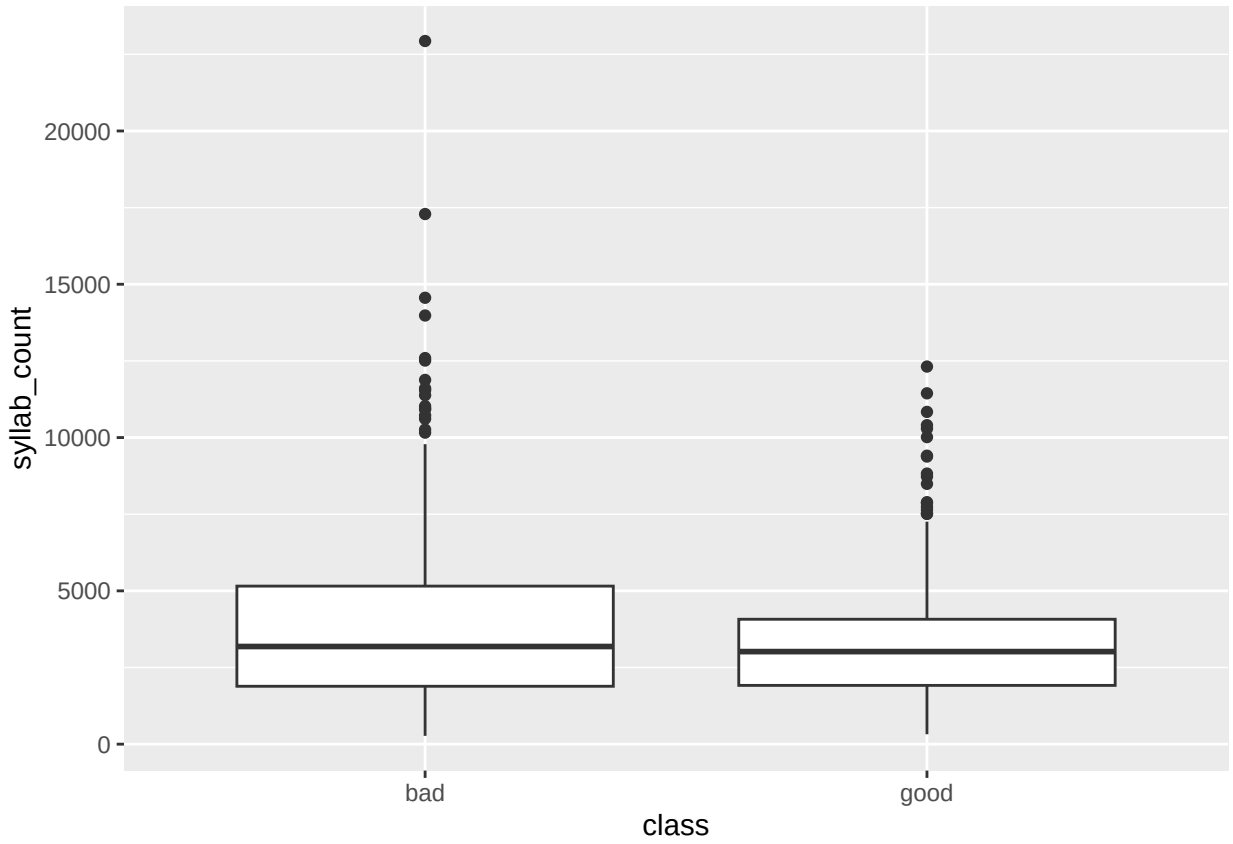

```
df %>% ggplot(aes(x = class, y = sent_count)) +
  geom_boxplot()
```



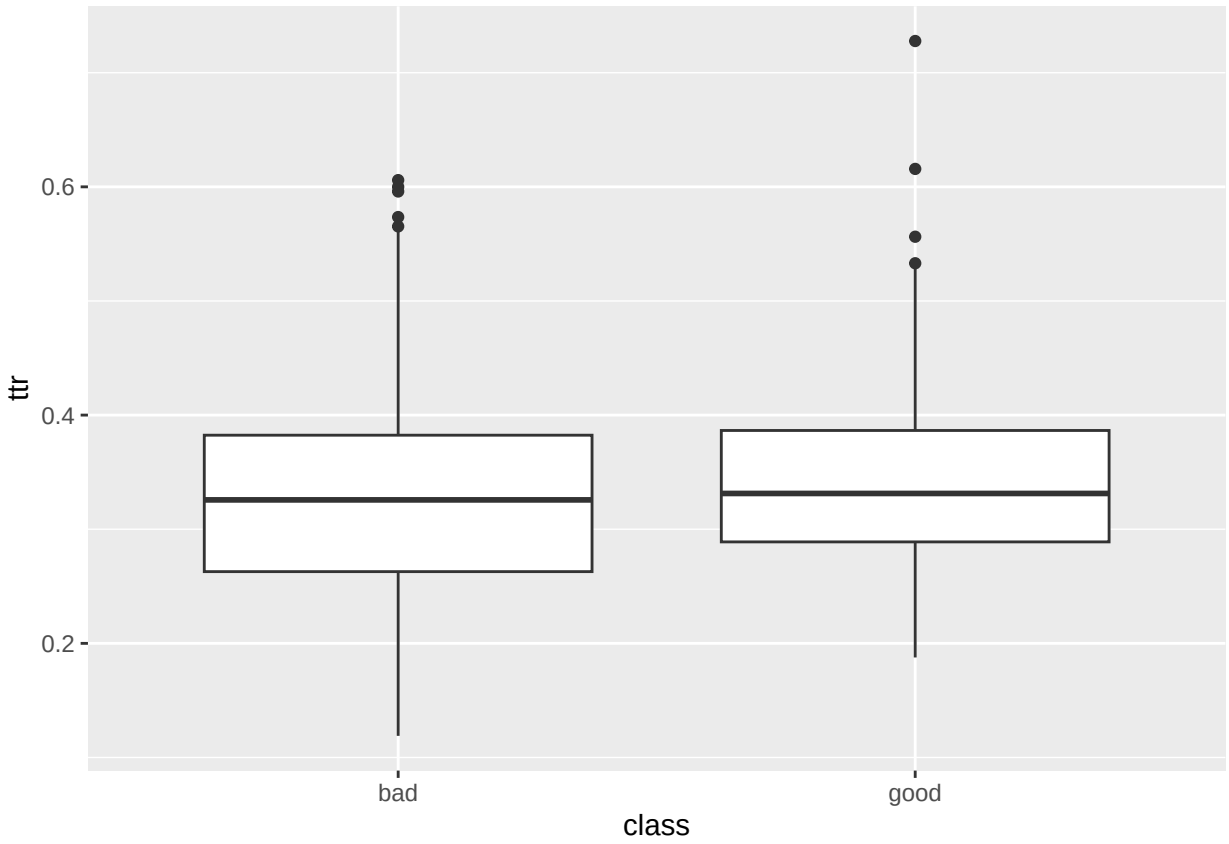

```
df %>% ggplot(aes(x = class, y = smog)) +
  geom_boxplot()
```



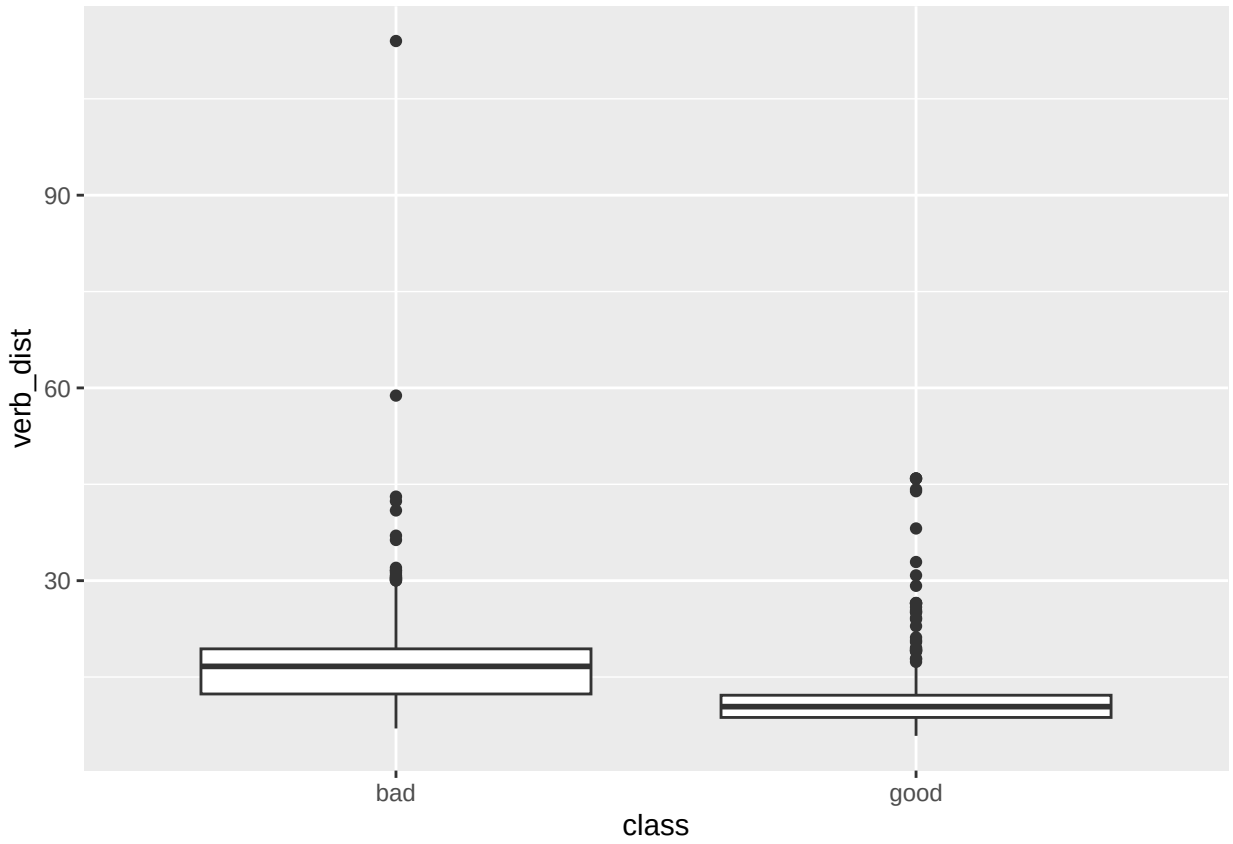

```
df %>% ggplot(aes(x = class, y = syllab_count)) +
  geom_boxplot()
```



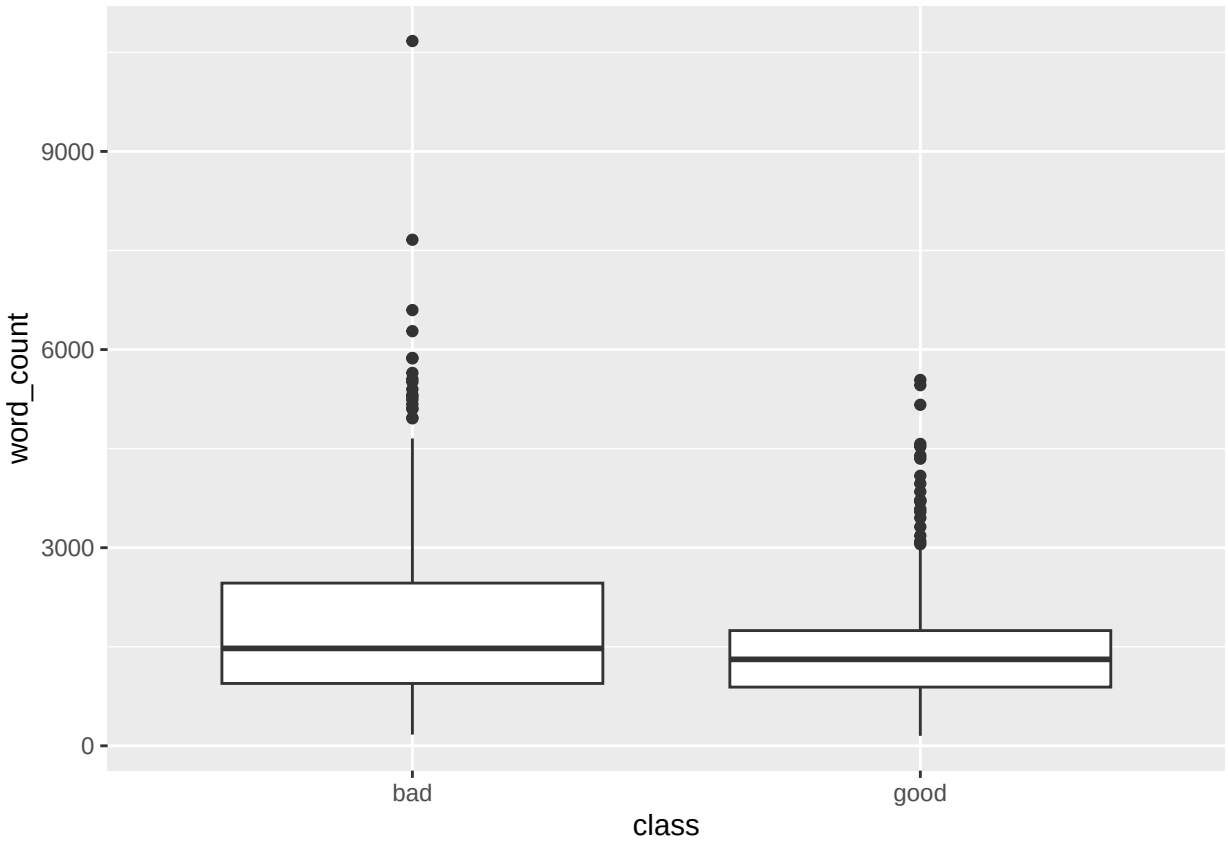

```
df %>% ggplot(aes(x = class, y = ttr)) +
  geom_boxplot()
```




```
df %>% ggplot(aes(x = class, y = verb_dist)) +
  geom_boxplot()
```

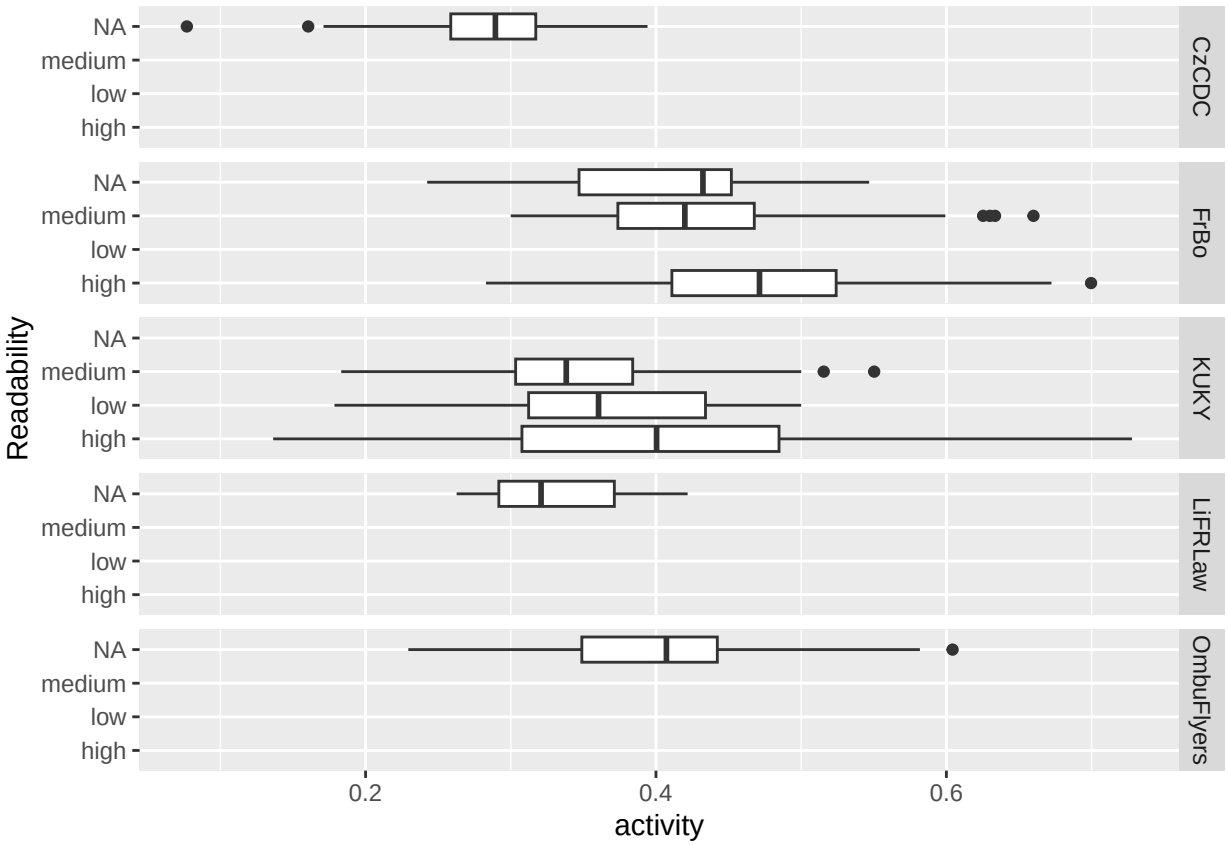



```
df %>% ggplot(aes(x = class, y = word_count)) +
  geom_boxplot()
```

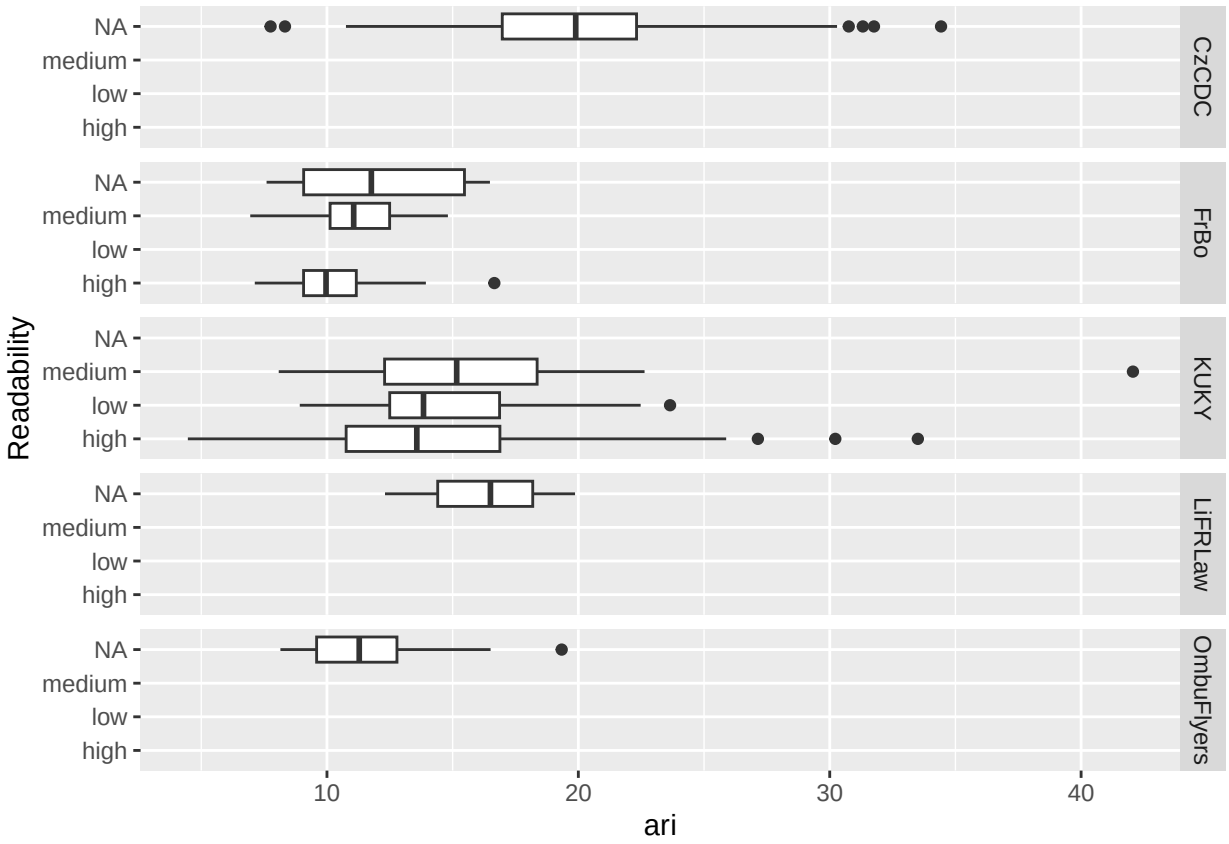


Readability

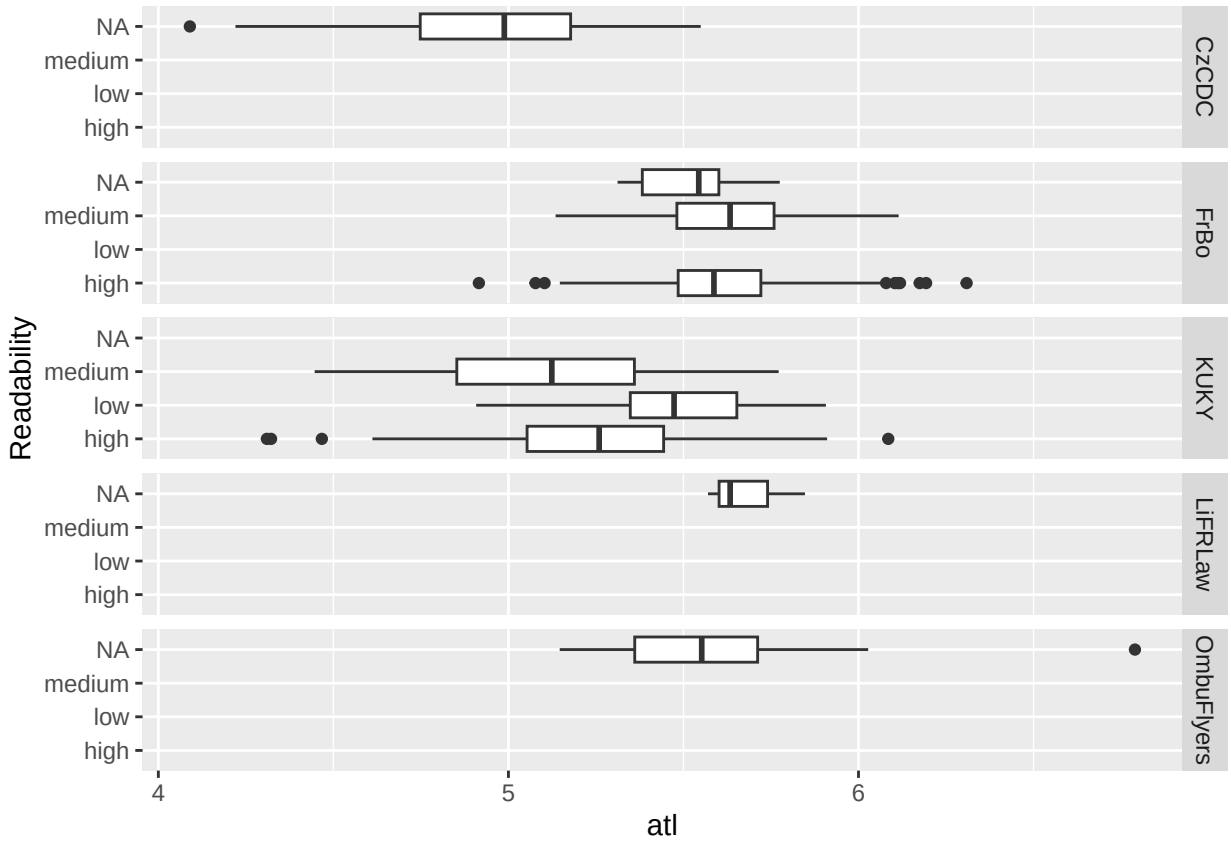
```
df %>% ggplot(aes(x = activity, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



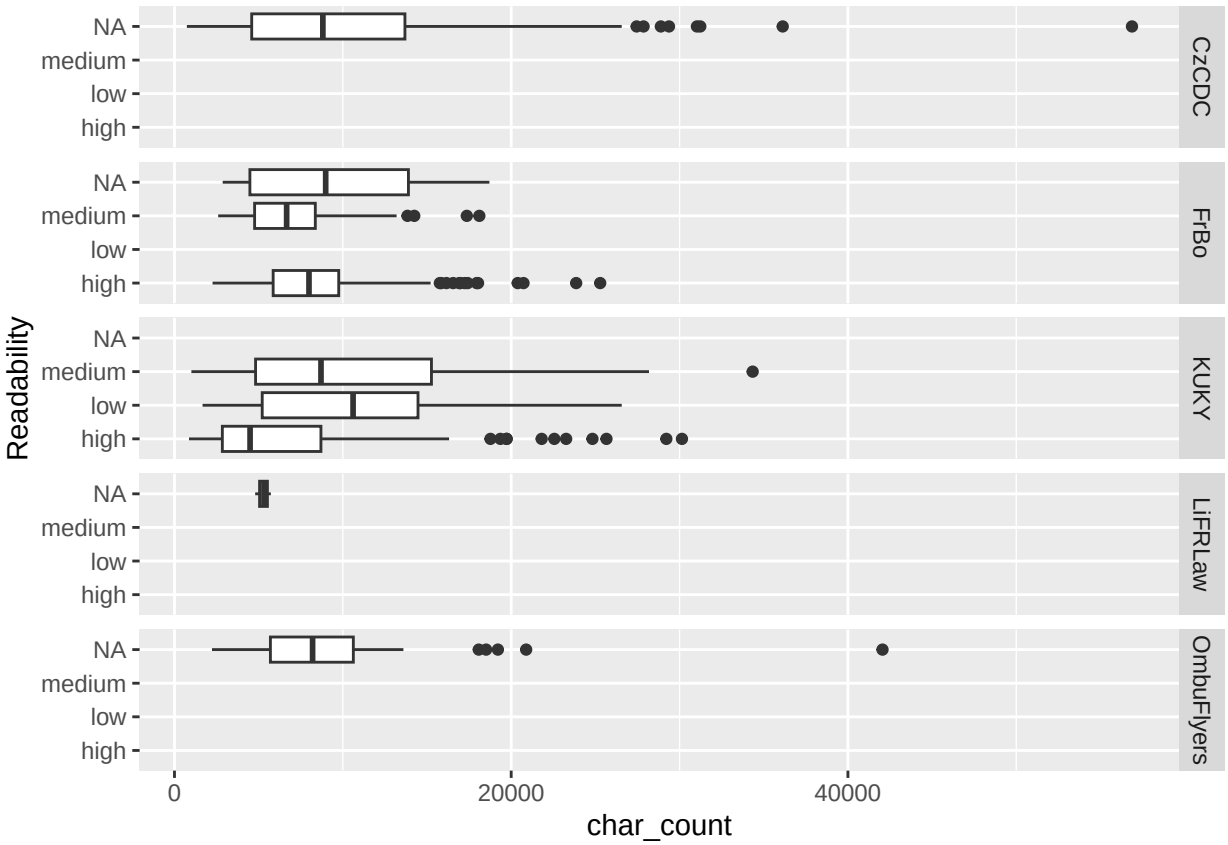

```
df %>% ggplot(aes(x = ari, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



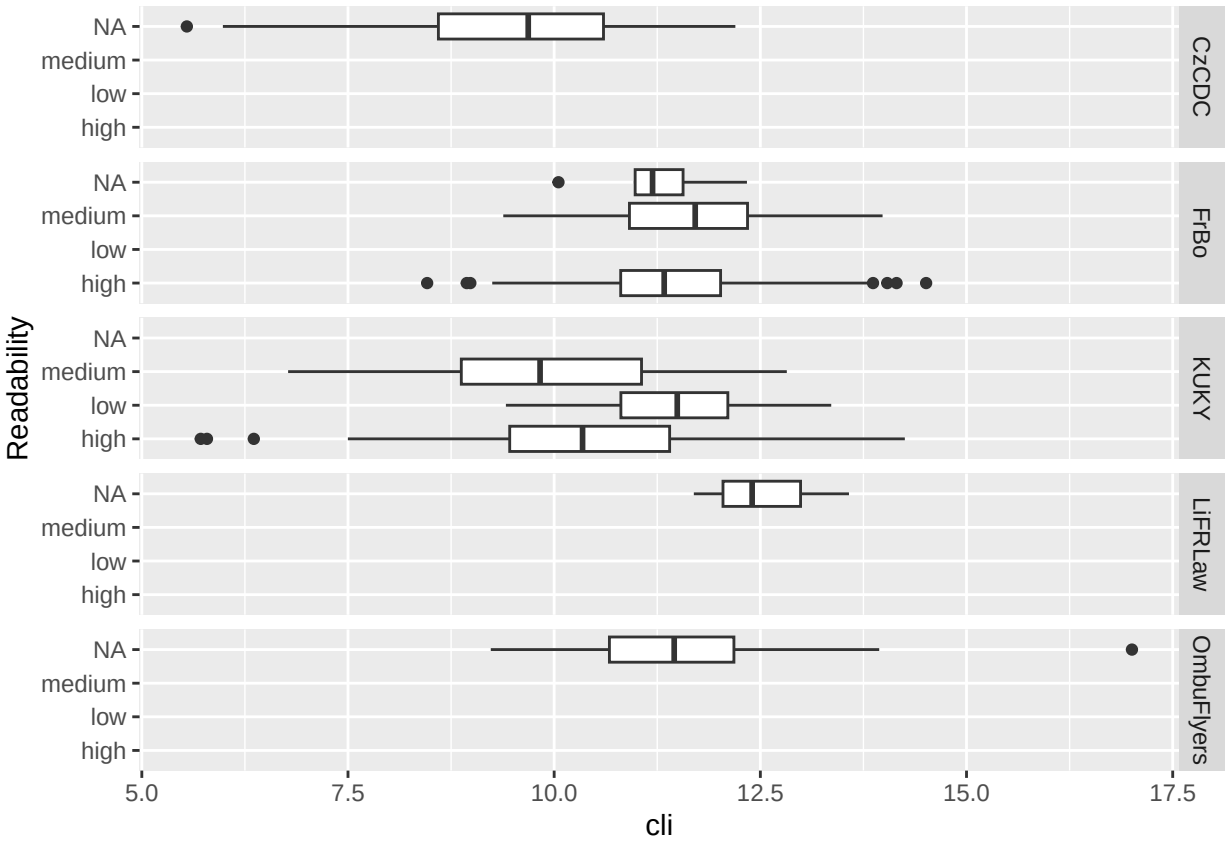

```
df %>% ggplot(aes(x = atl, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



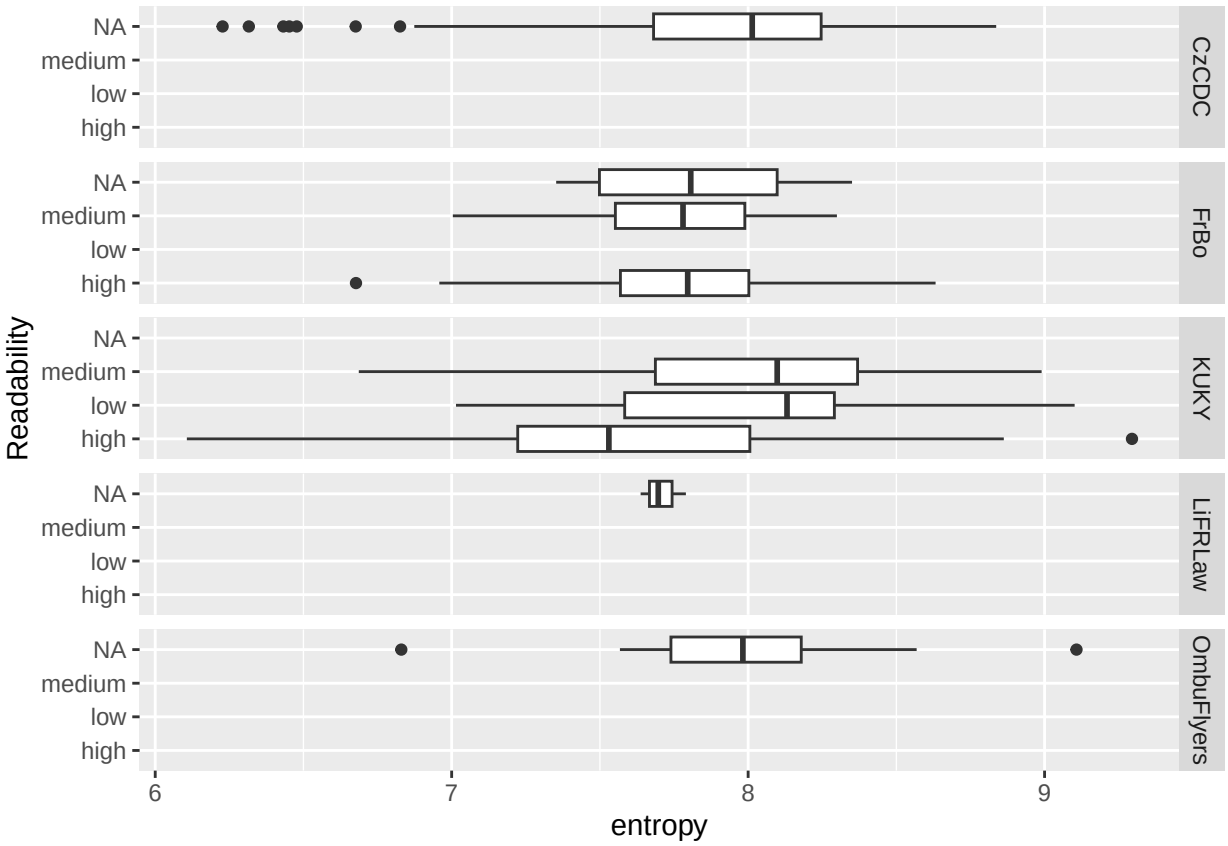

```
df %>% ggplot(aes(x = char_count, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



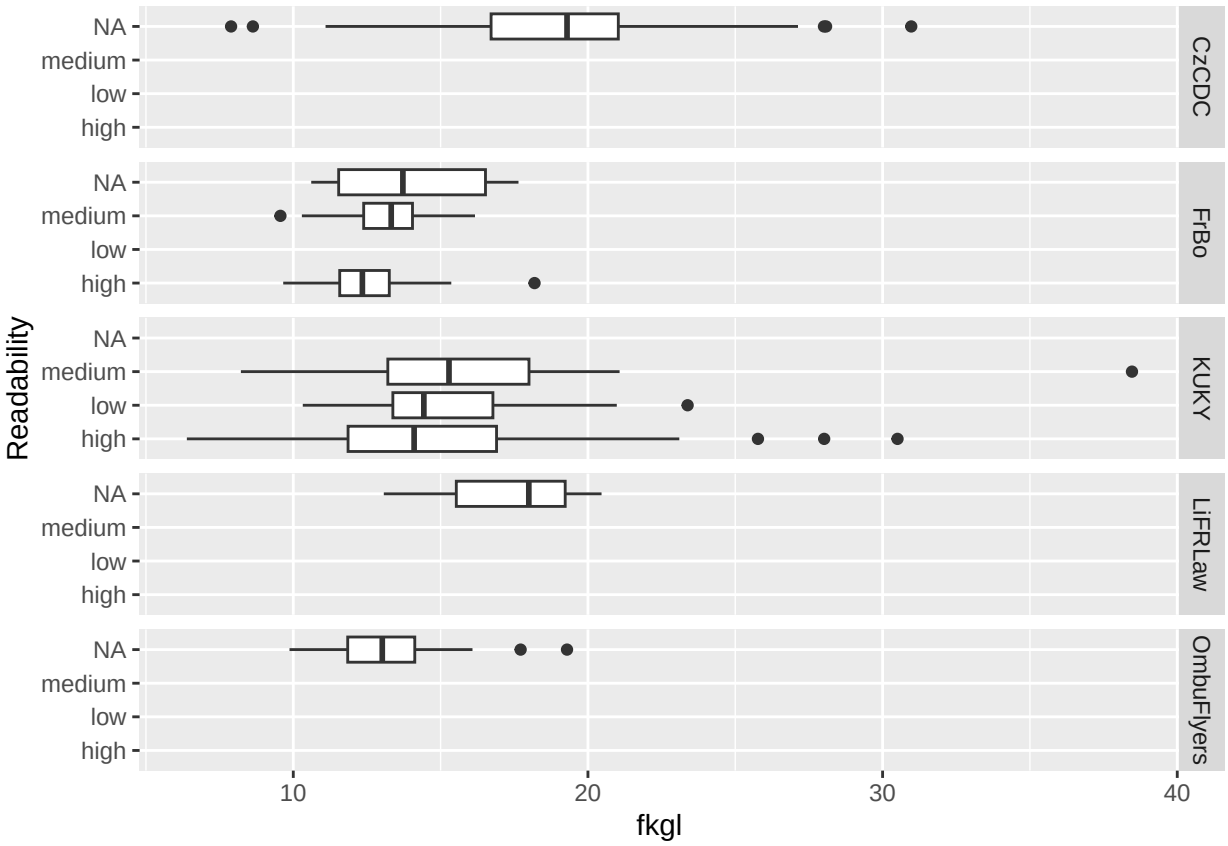

```
df %>% ggplot(aes(x = cli, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



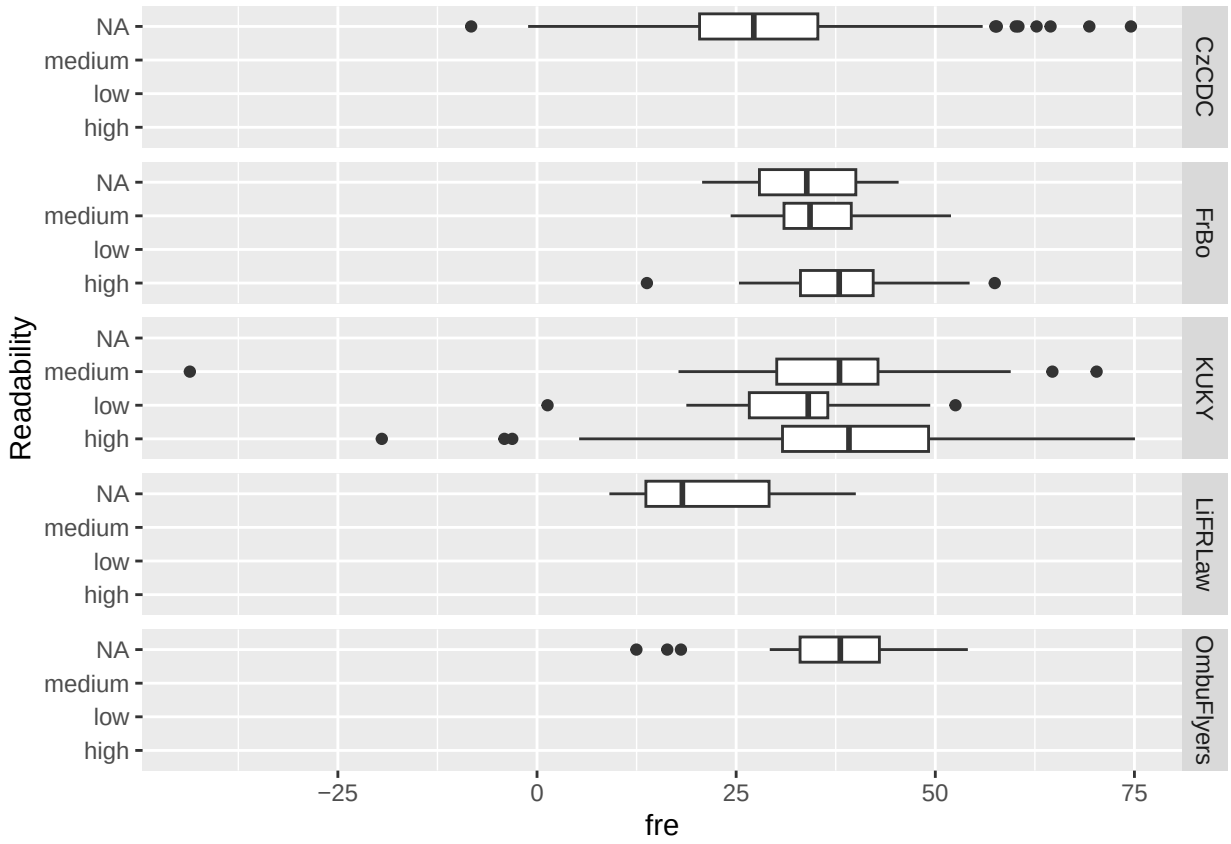

```
df %>% ggplot(aes(x = entropy, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



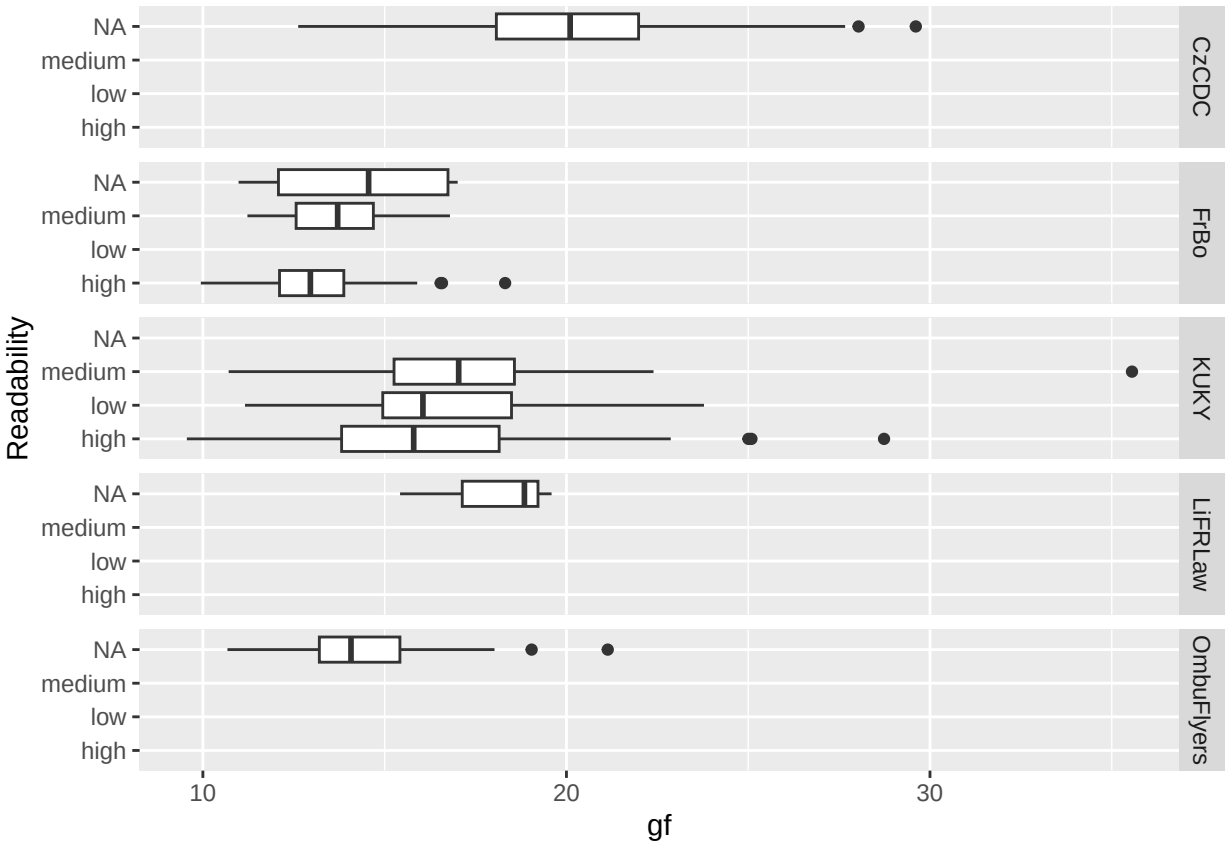

```
df %>% ggplot(aes(x = fkgl, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



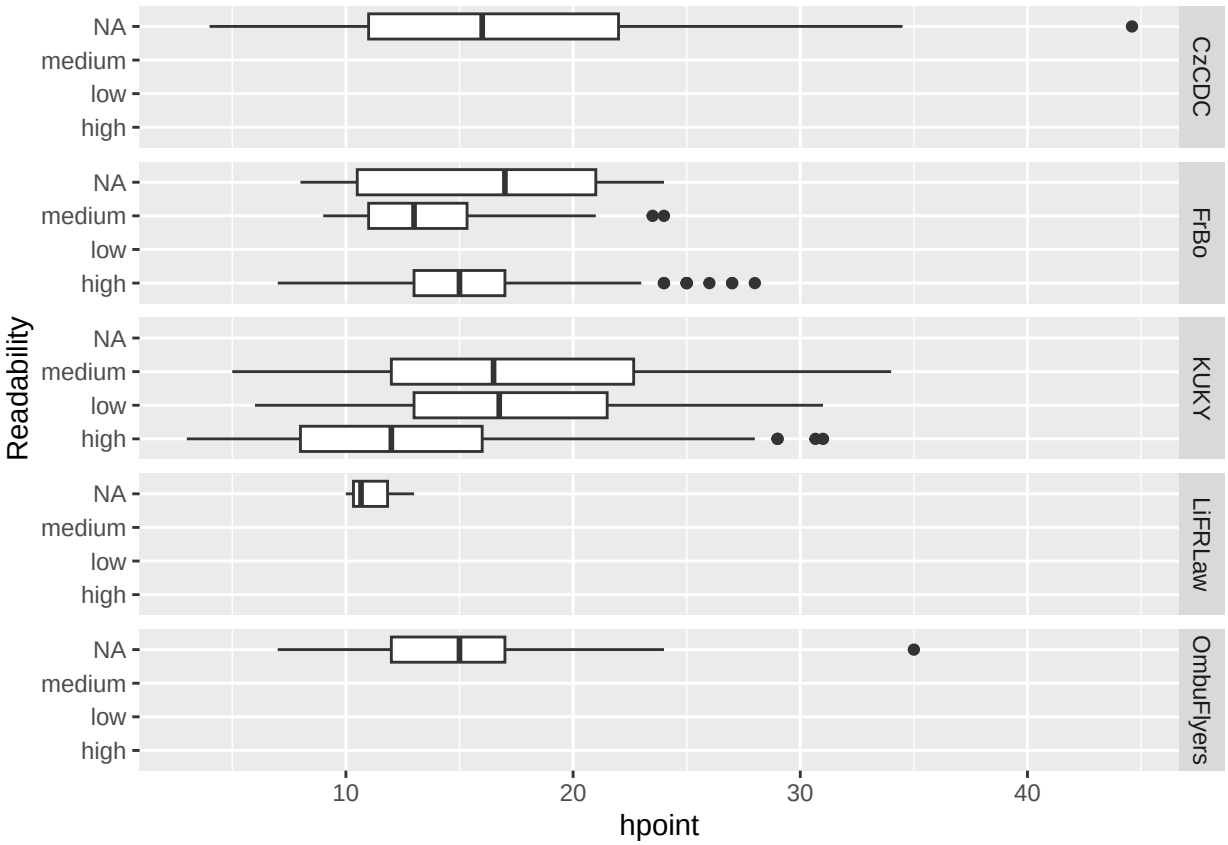

```
df %>% ggplot(aes(x = fre, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



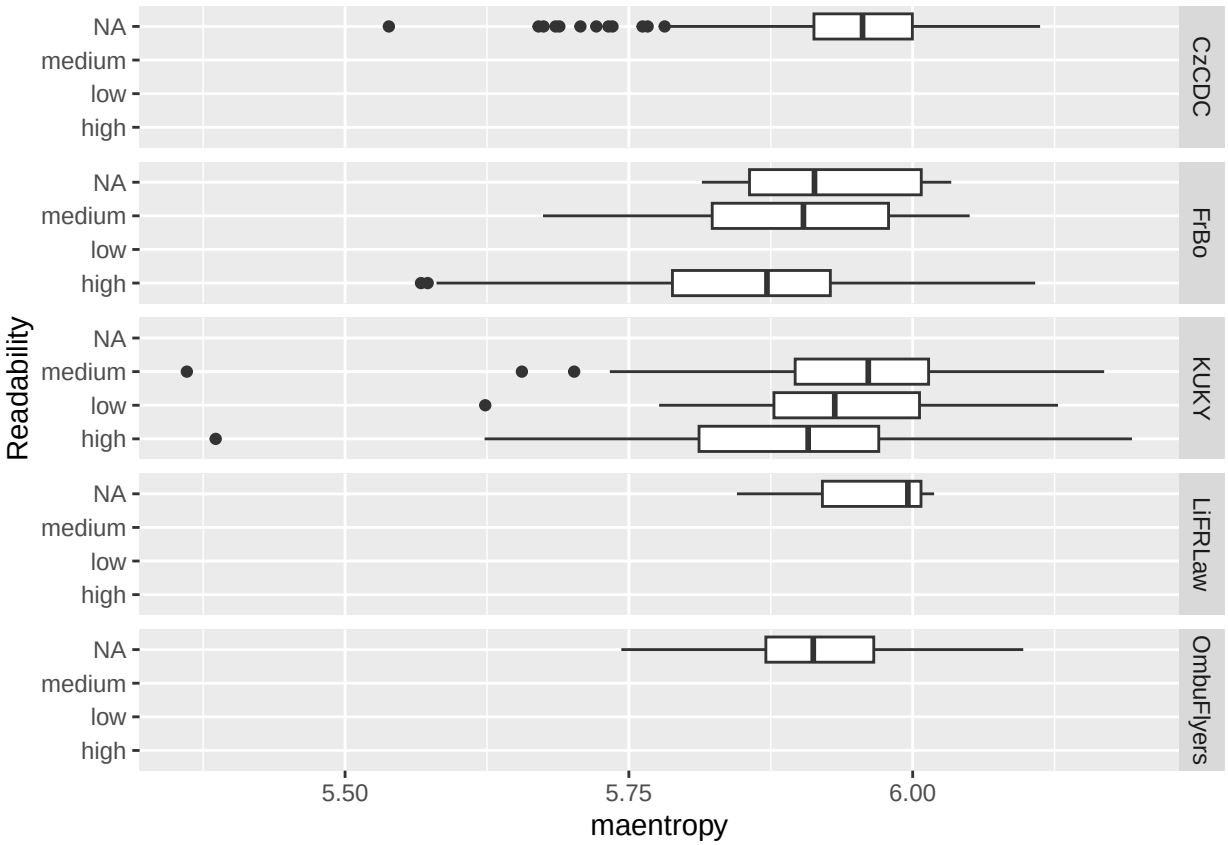

```
df %>% ggplot(aes(x = gf, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



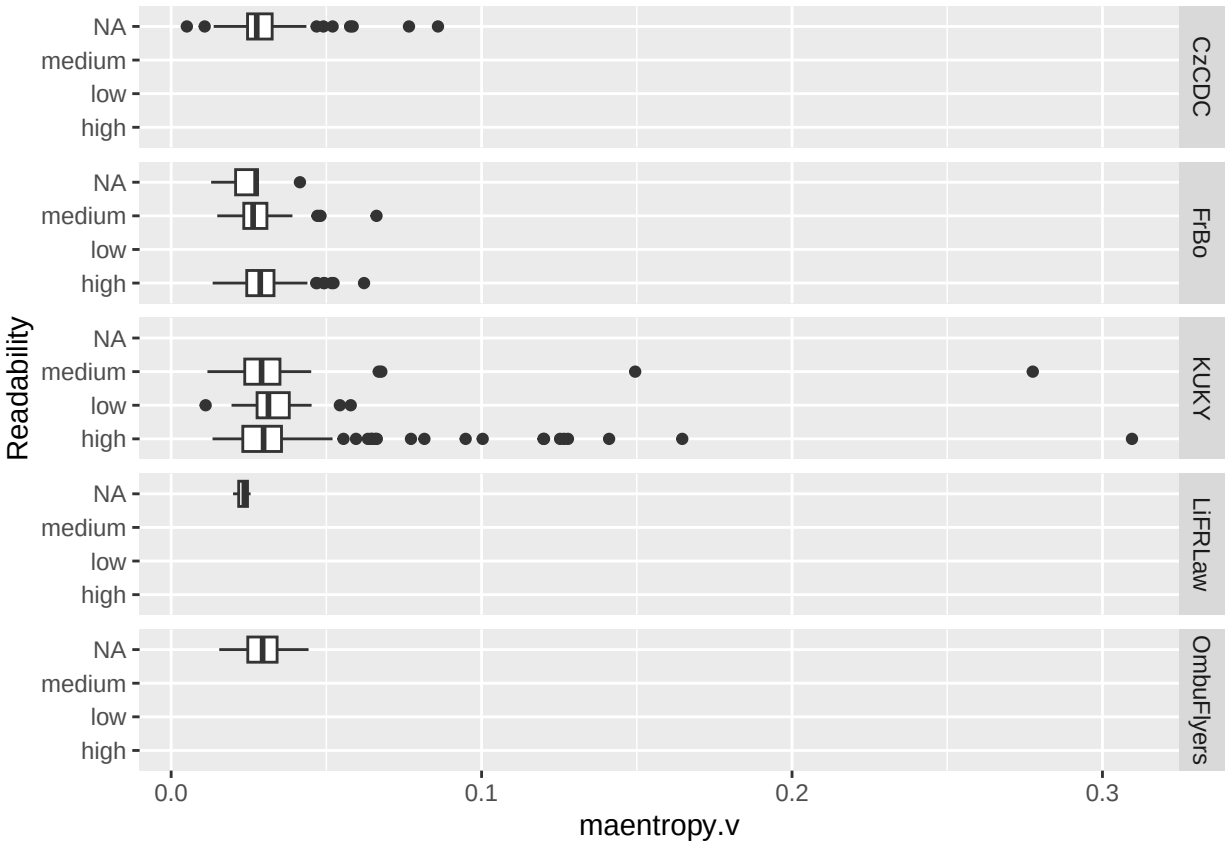

```
df %>% ggplot(aes(x = hpoint, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



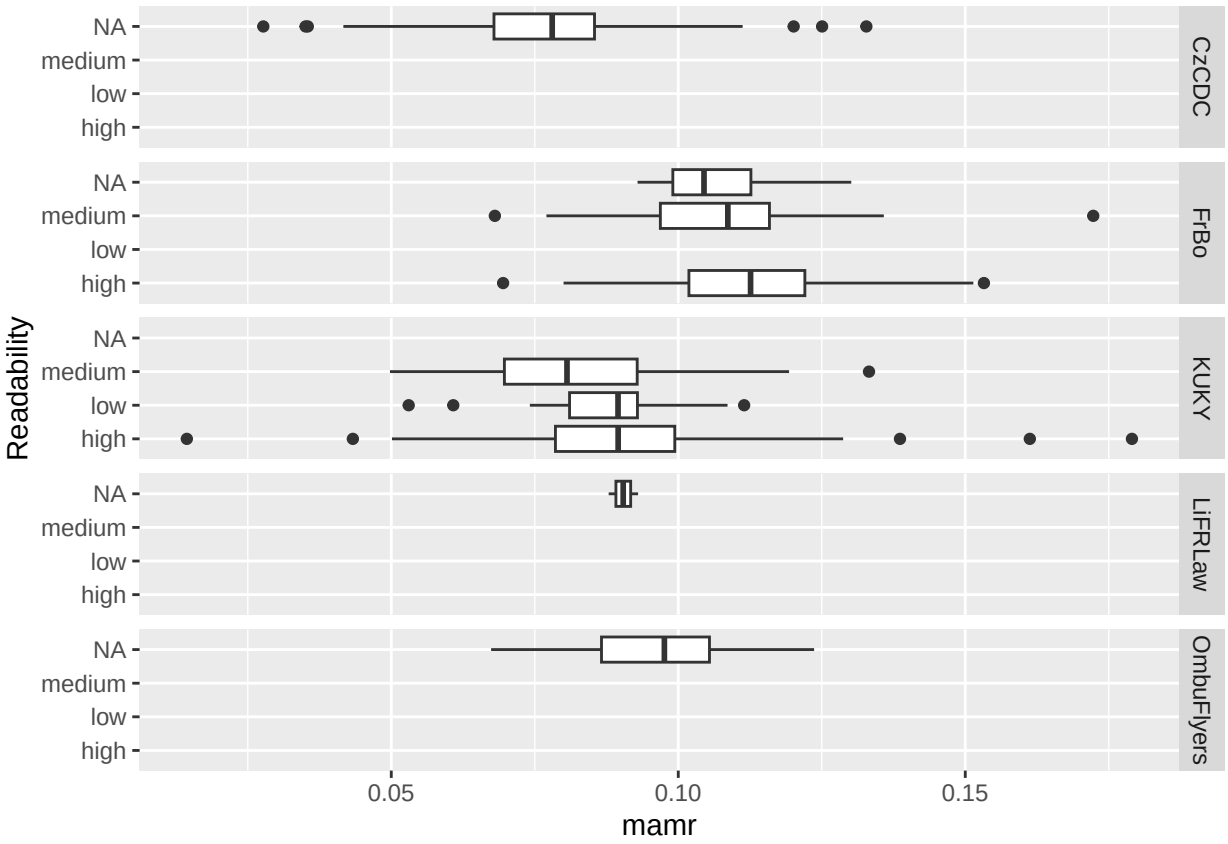

```
df %>% ggplot(aes(x = maentropy, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



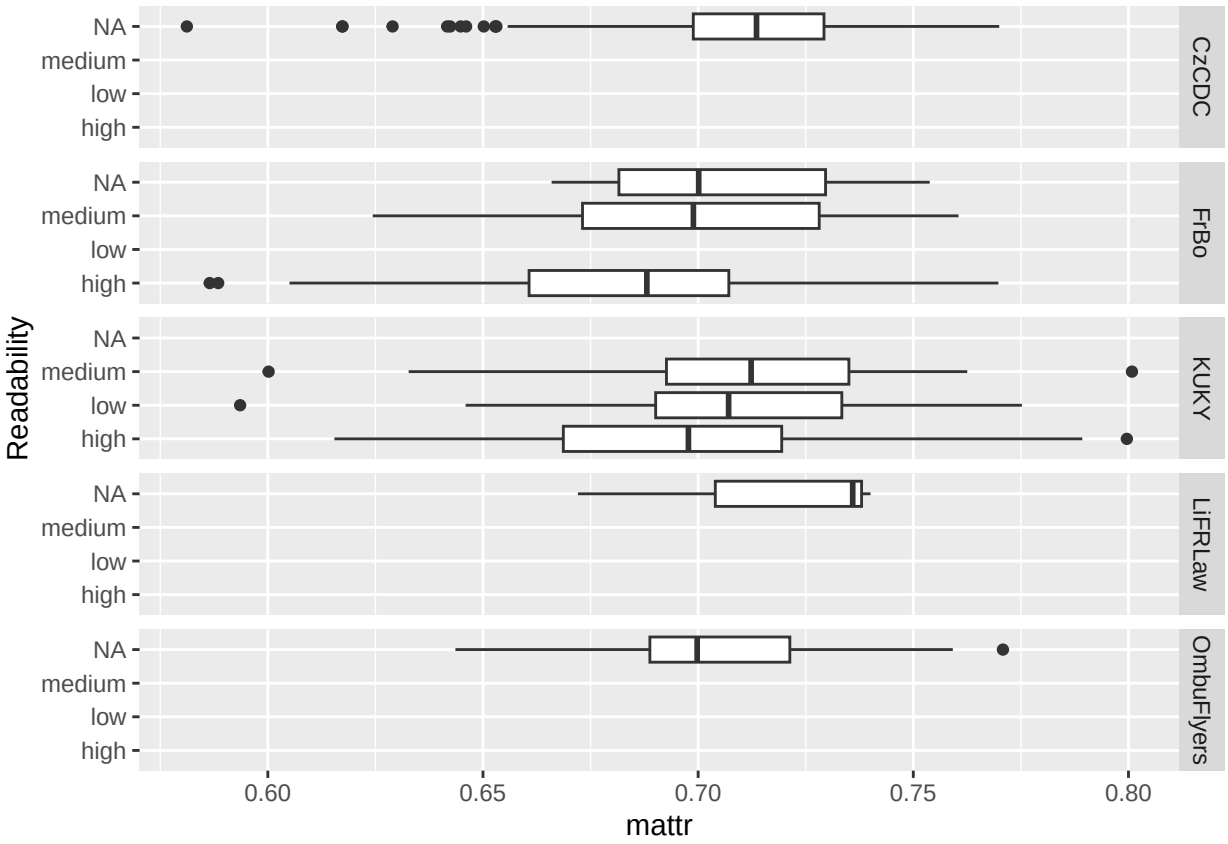

```
df %>% ggplot(aes(x = maentropy.v, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



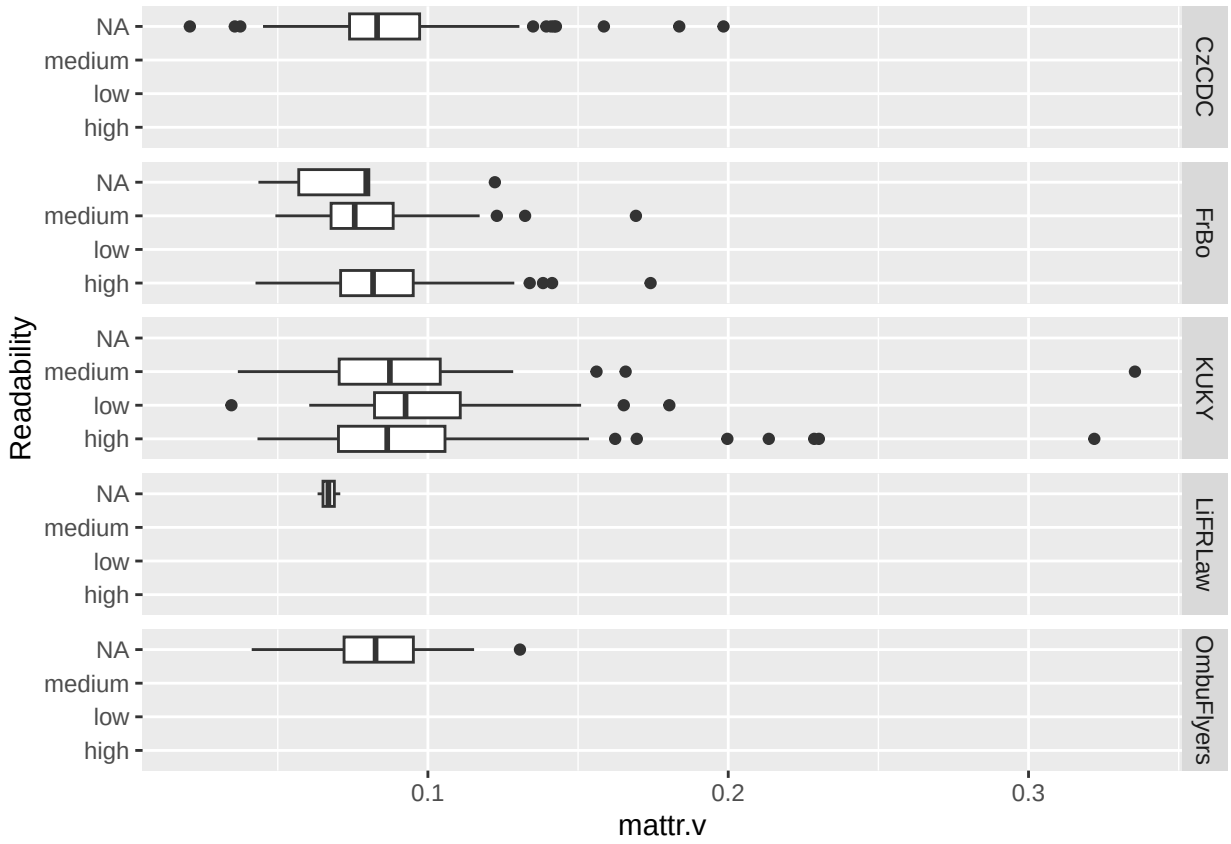

```
df %>% ggplot(aes(x = mamr, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



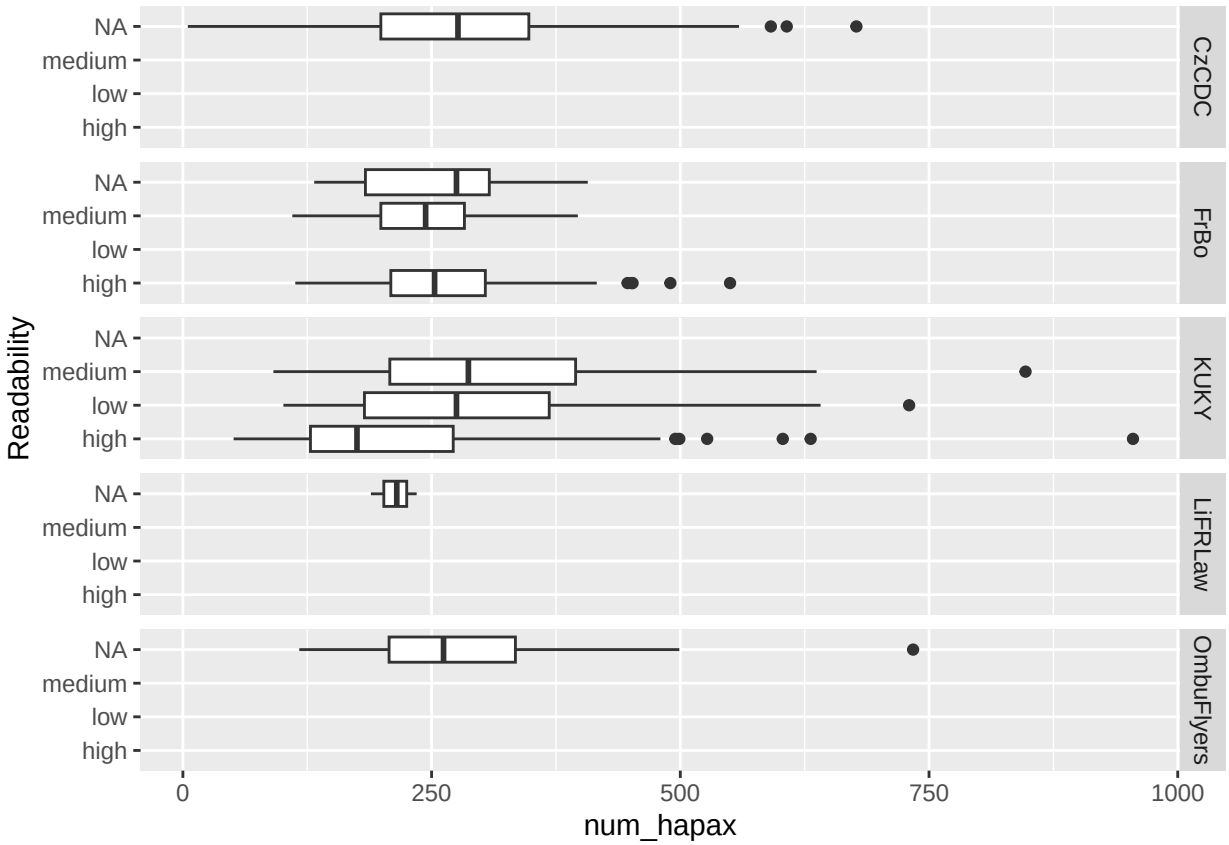

```
df %>% ggplot(aes(x = mattr, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



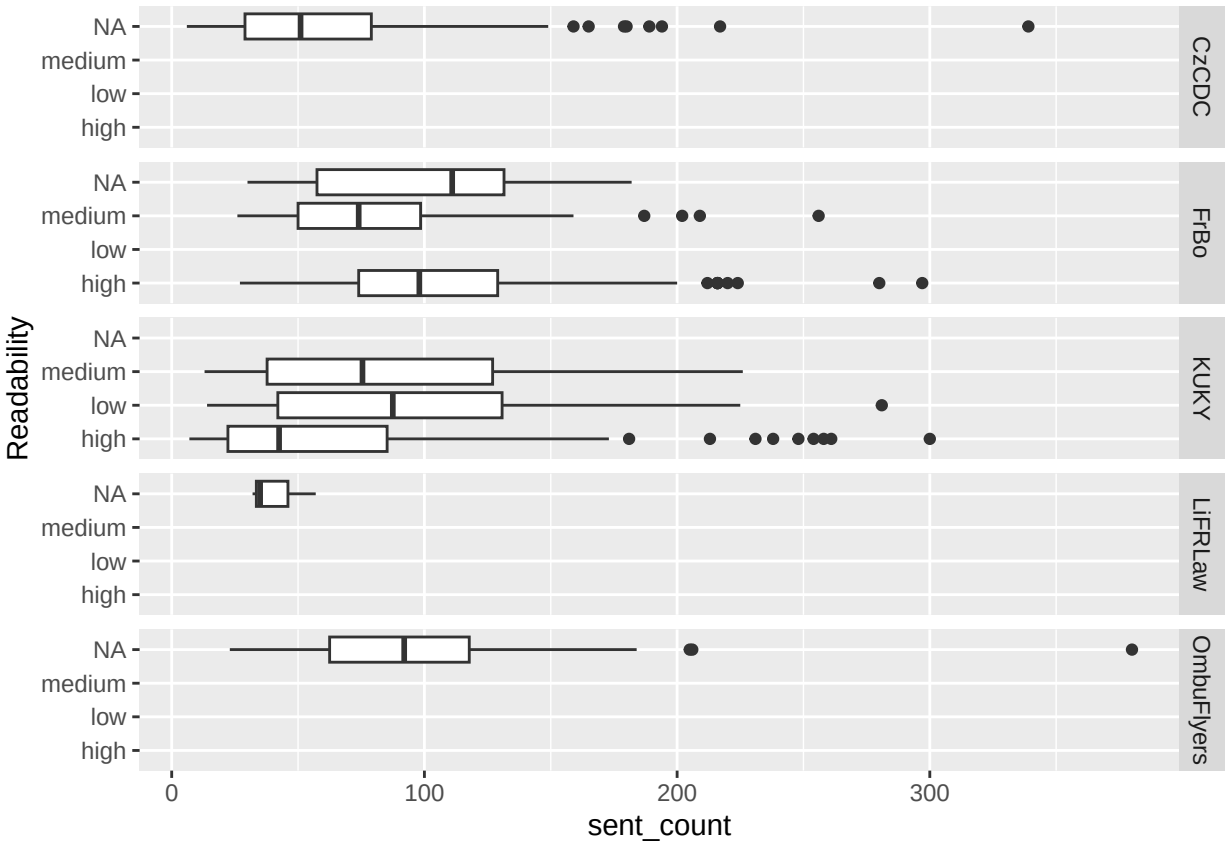

```
df %>% ggplot(aes(x = mattr.v, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



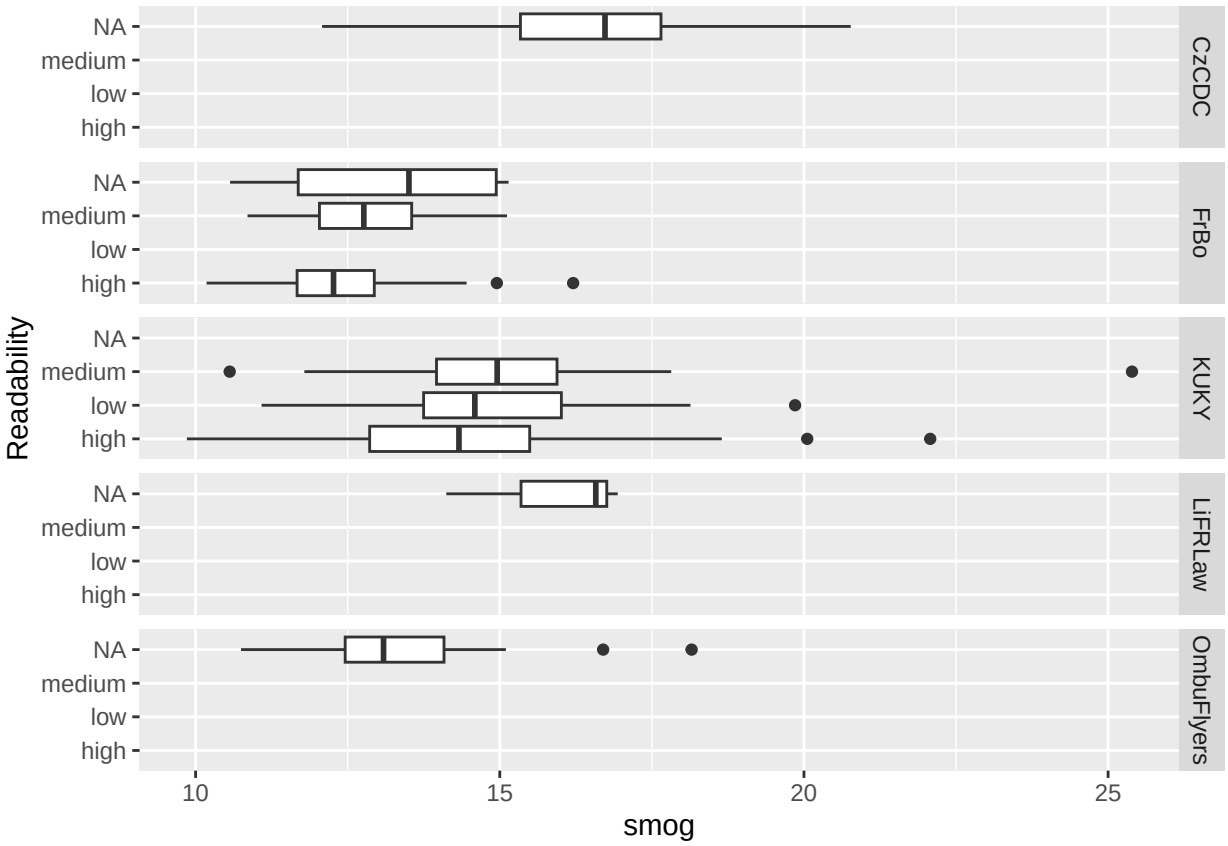

```
df %>% ggplot(aes(x = num_hapax, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



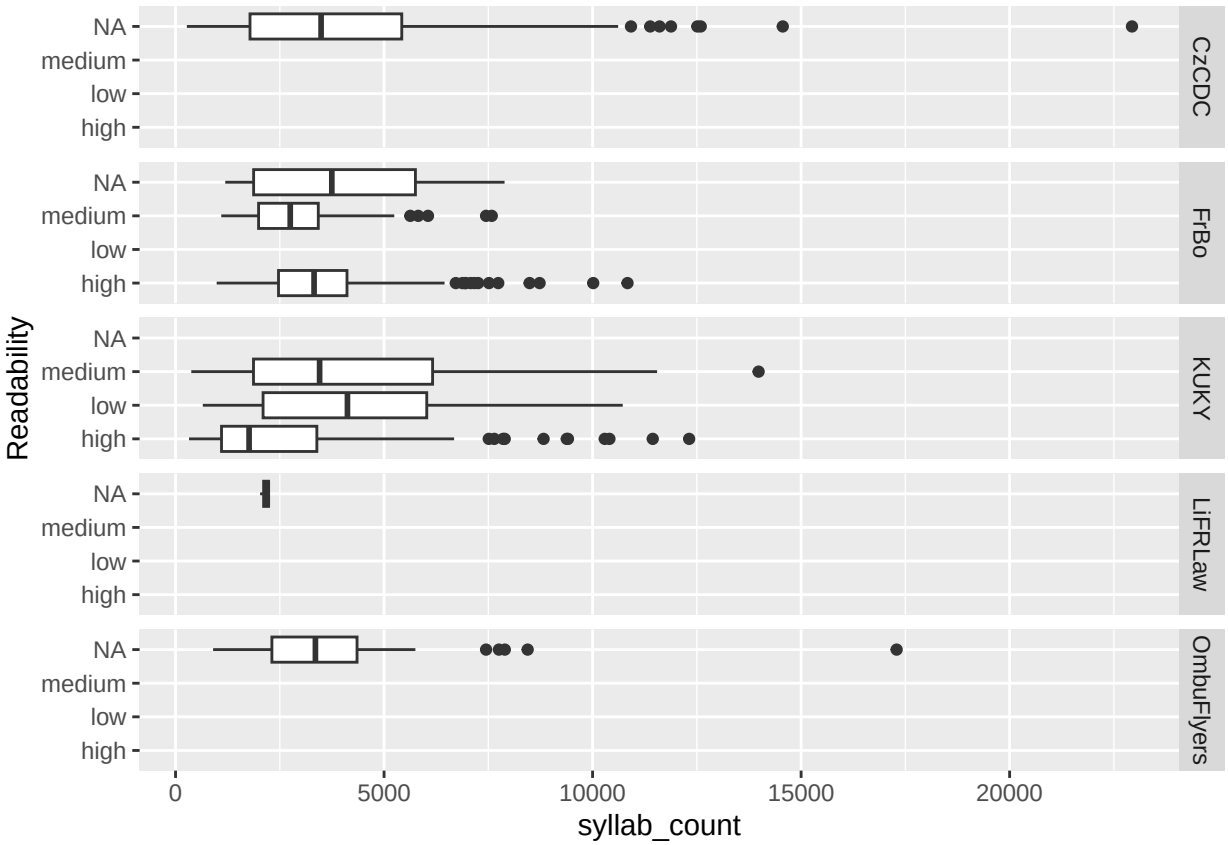

```
df %>% ggplot(aes(x = sent_count, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



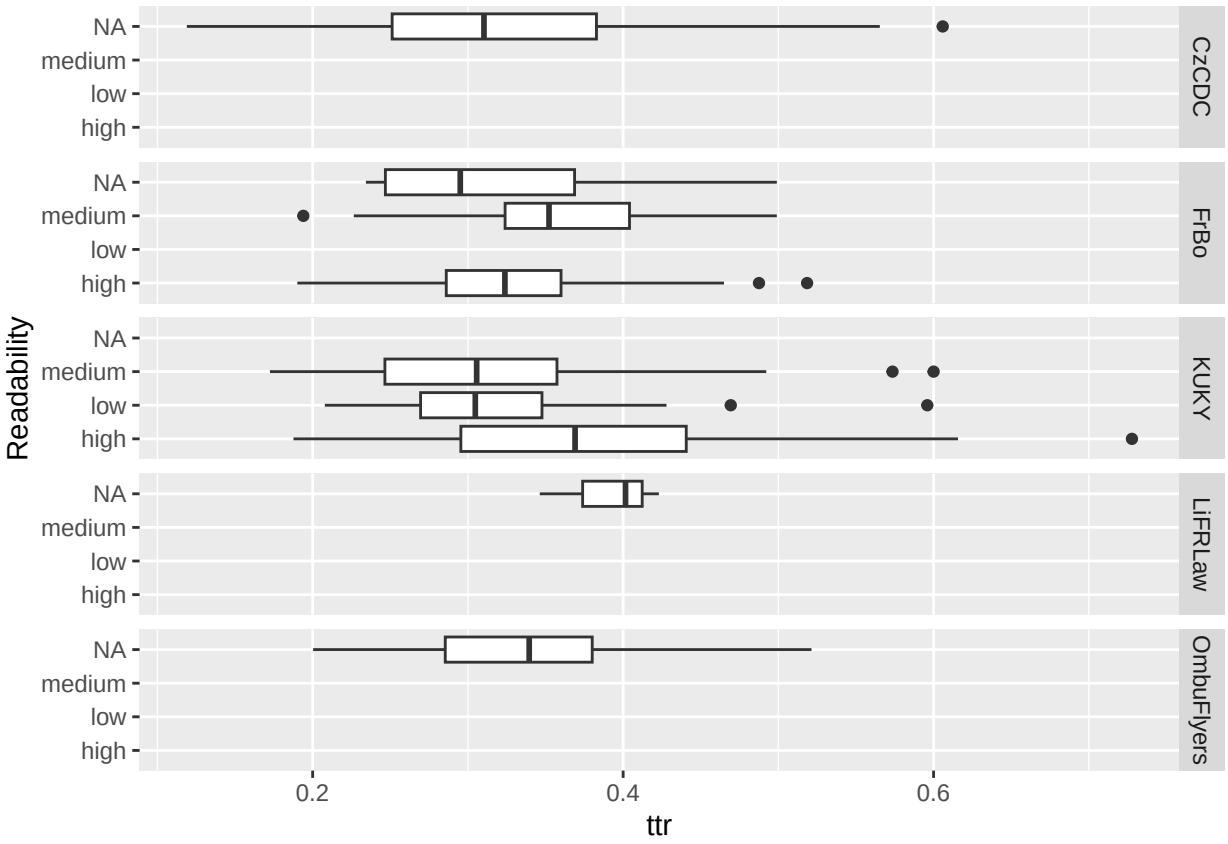

```
df %>% ggplot(aes(x = smog, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



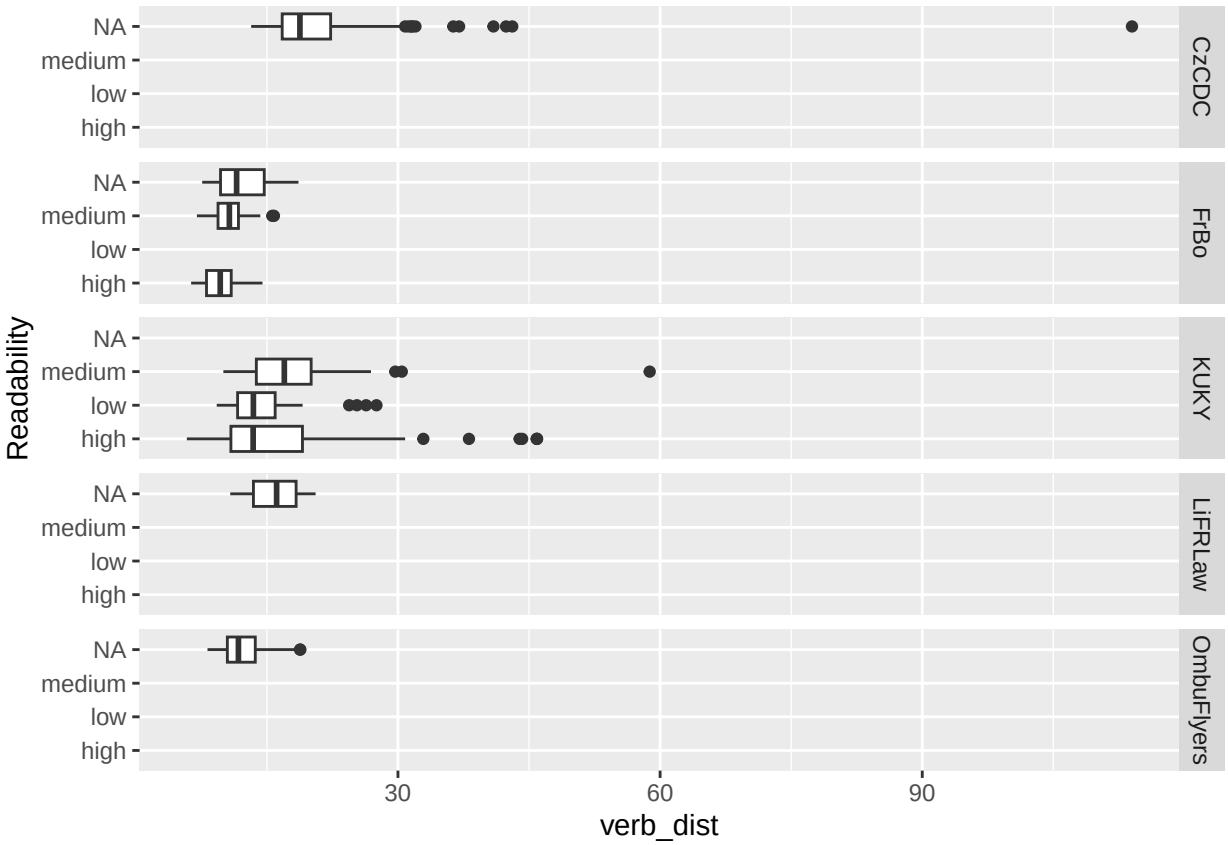

```
df %>% ggplot(aes(x = syllab_count, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```



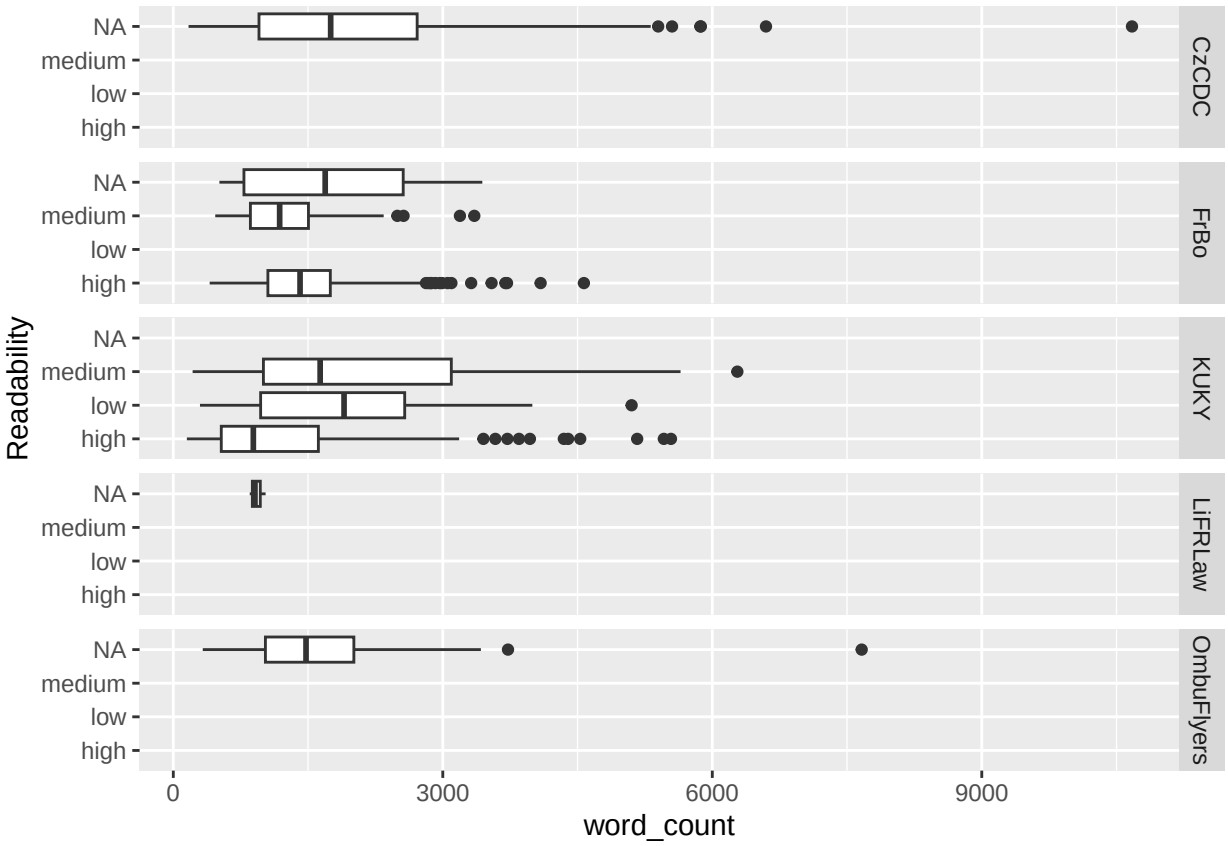

```
df %>% ggplot(aes(x = ttr, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```




```
df %>% ggplot(aes(x = verb_dist, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```

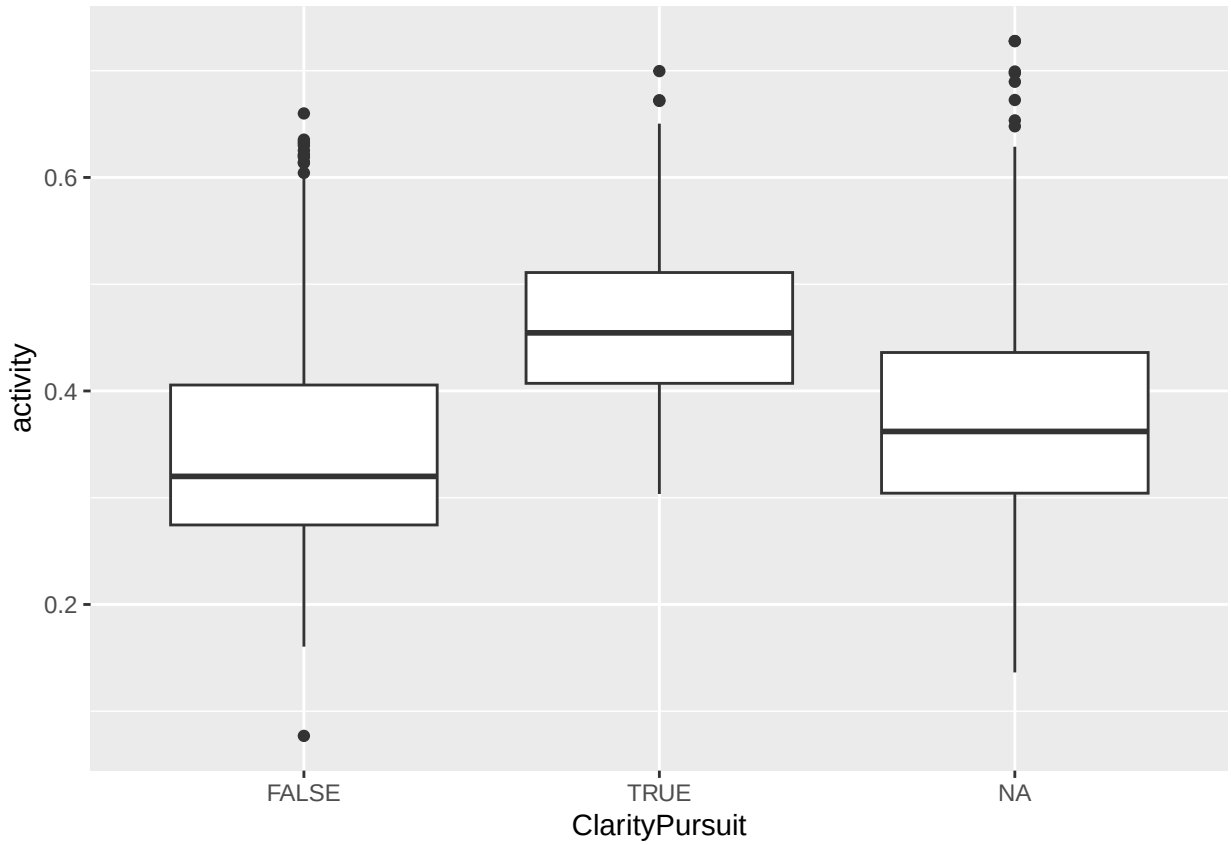



```
df %>% ggplot(aes(x = word_count, y = Readability)) +
  geom_boxplot() +
  facet_grid(subcorpus ~ .)
```

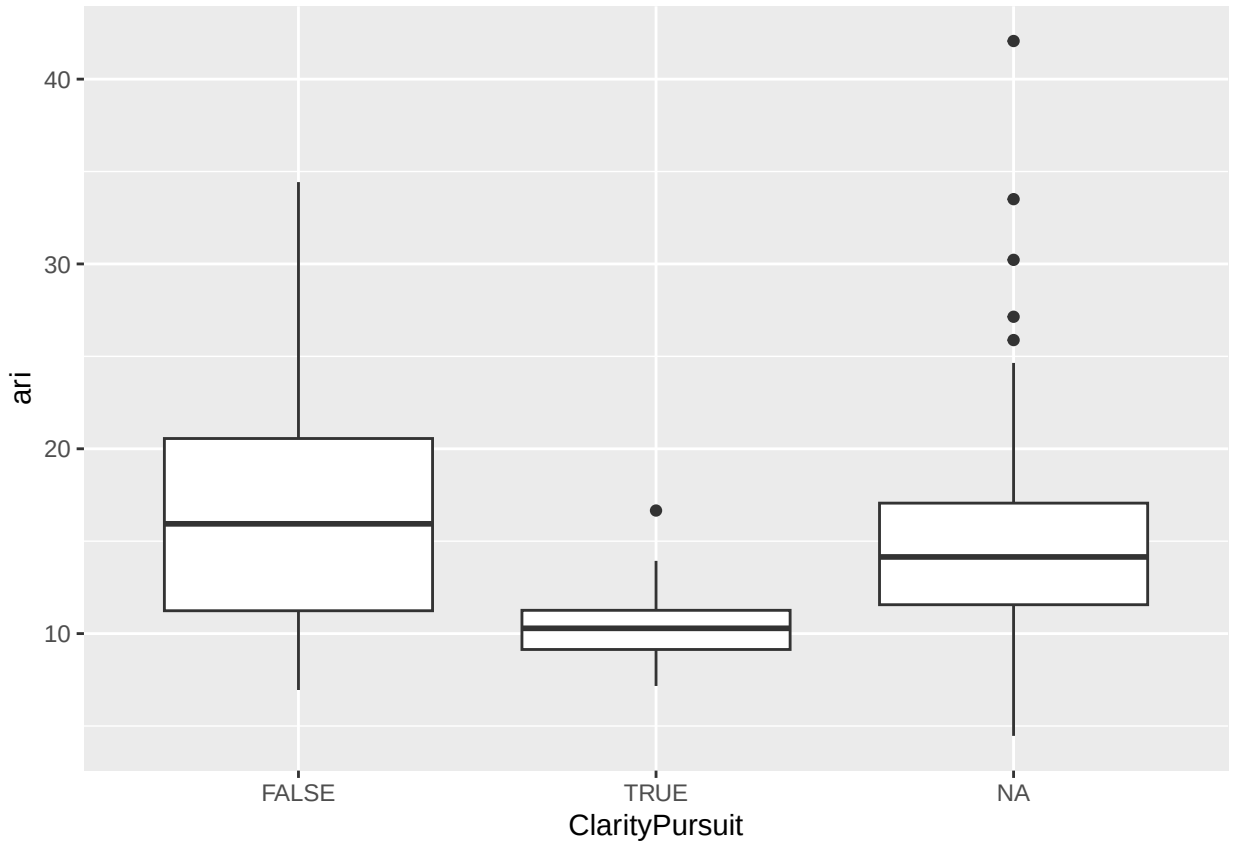


ClarityPursuit

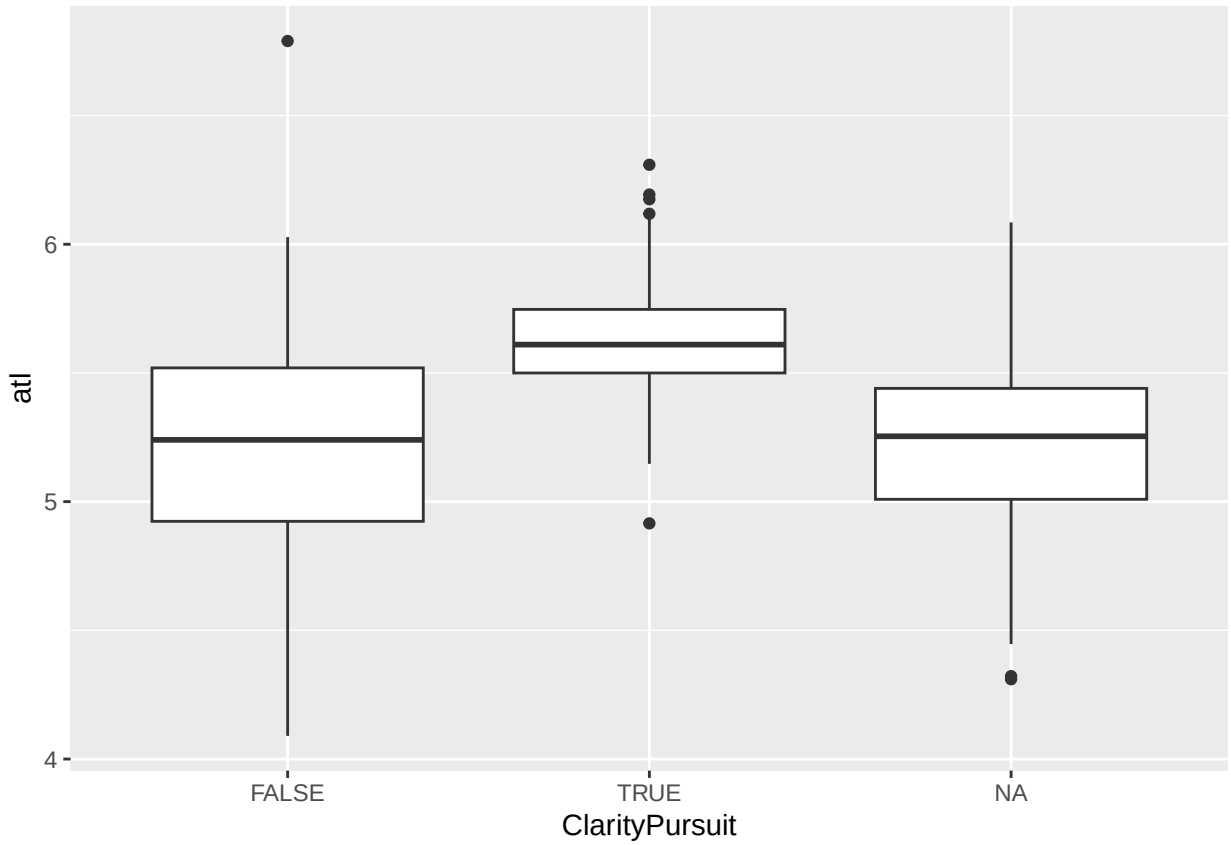
```
df %>% ggplot(aes(x = ClarityPursuit, y = activity)) +
  geom_boxplot()
```



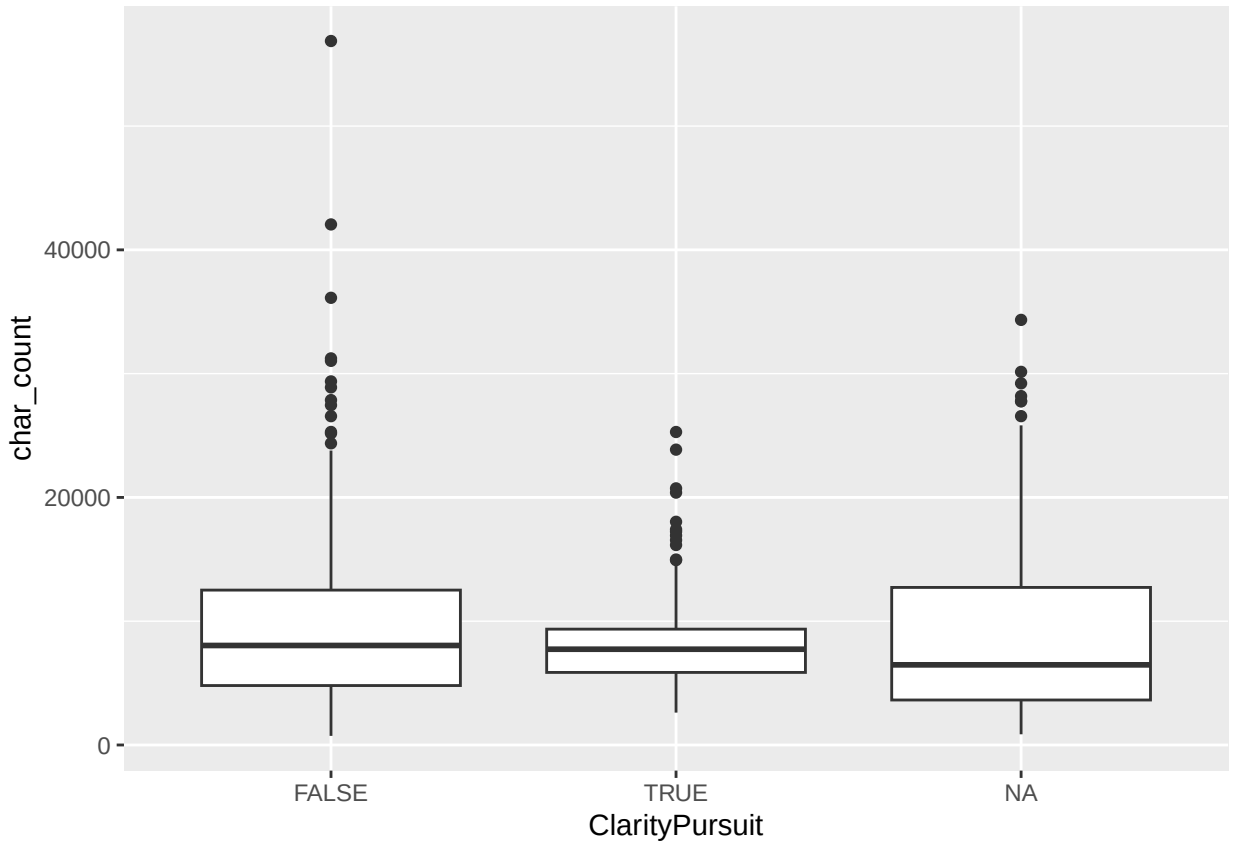

```
df %>% ggplot(aes(x = ClarityPursuit, y = ari)) +
  geom_boxplot()
```



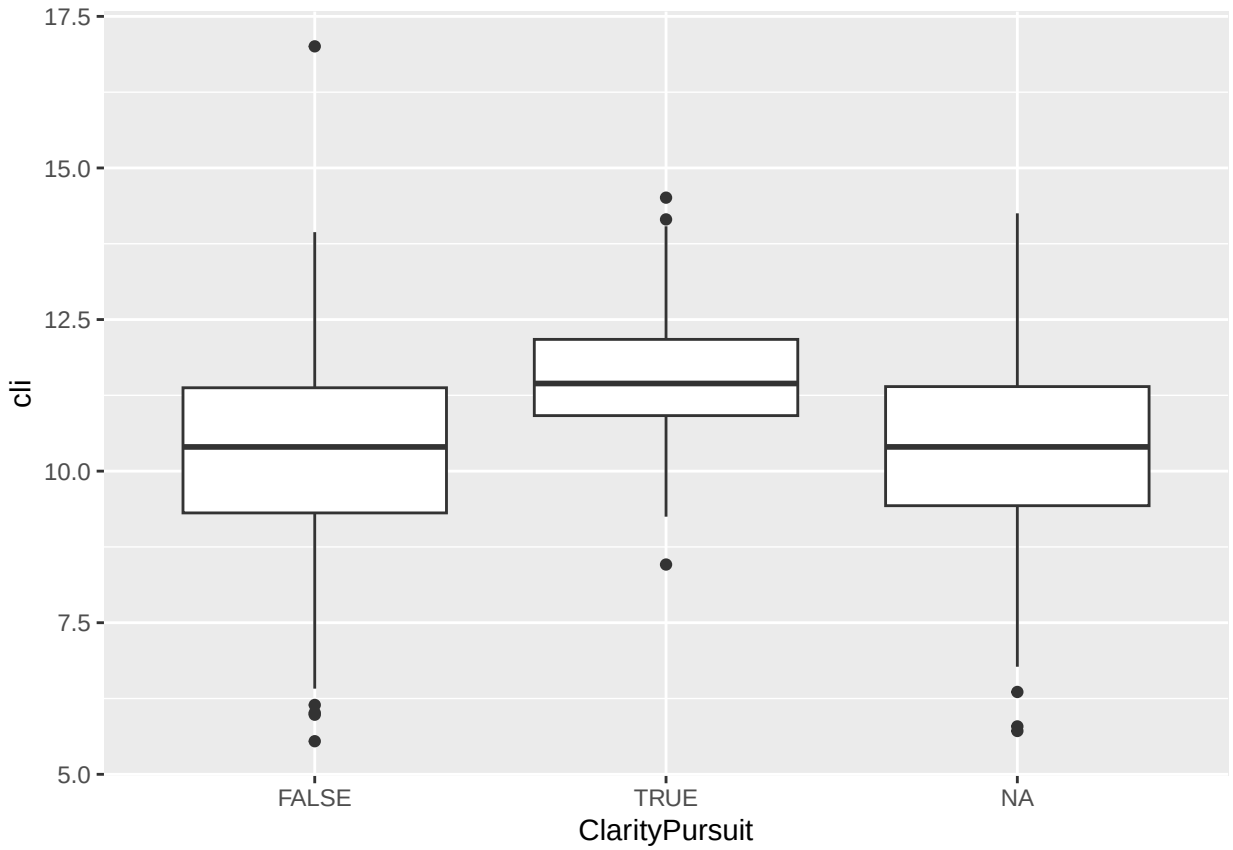

```
df %>% ggplot(aes(x = ClarityPursuit, y = atl)) +
  geom_boxplot()
```



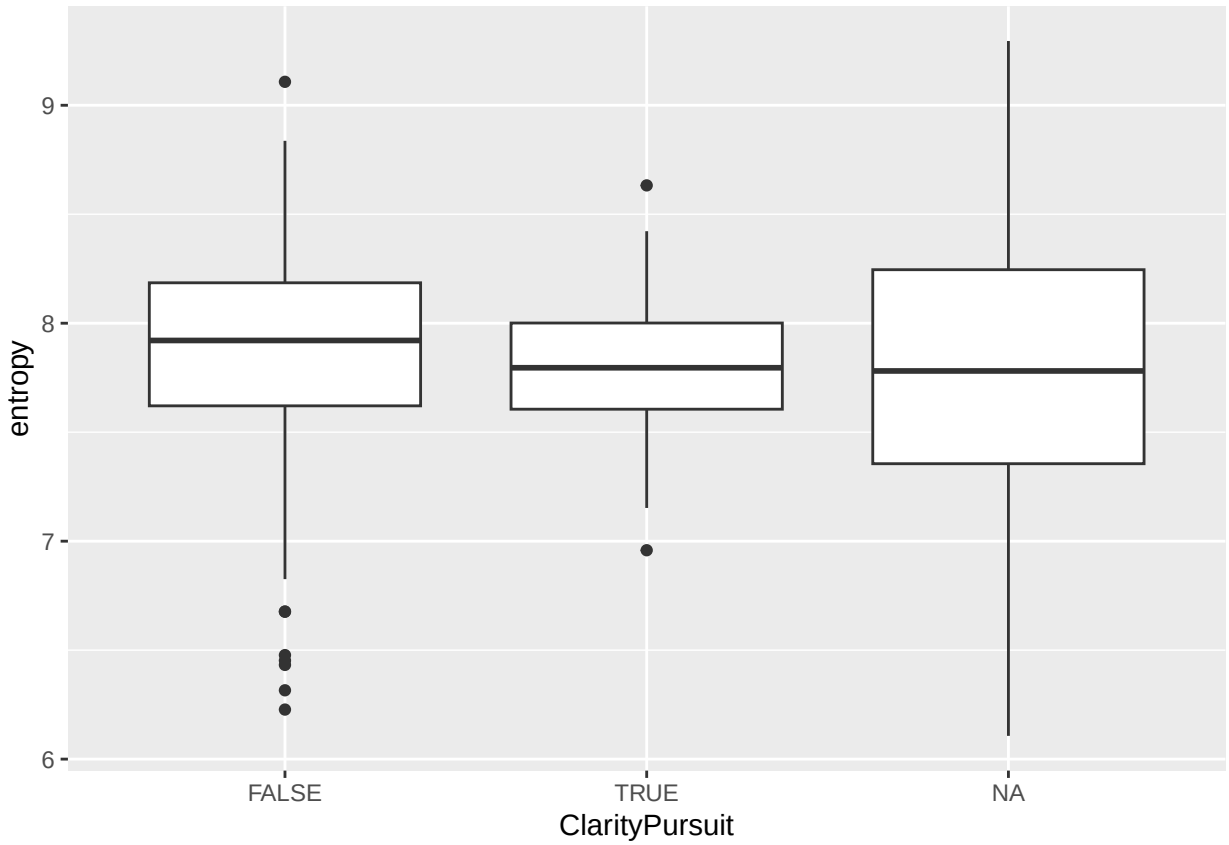

```
df %>% ggplot(aes(x = ClarityPursuit, y = char_count)) +
  geom_boxplot()
```



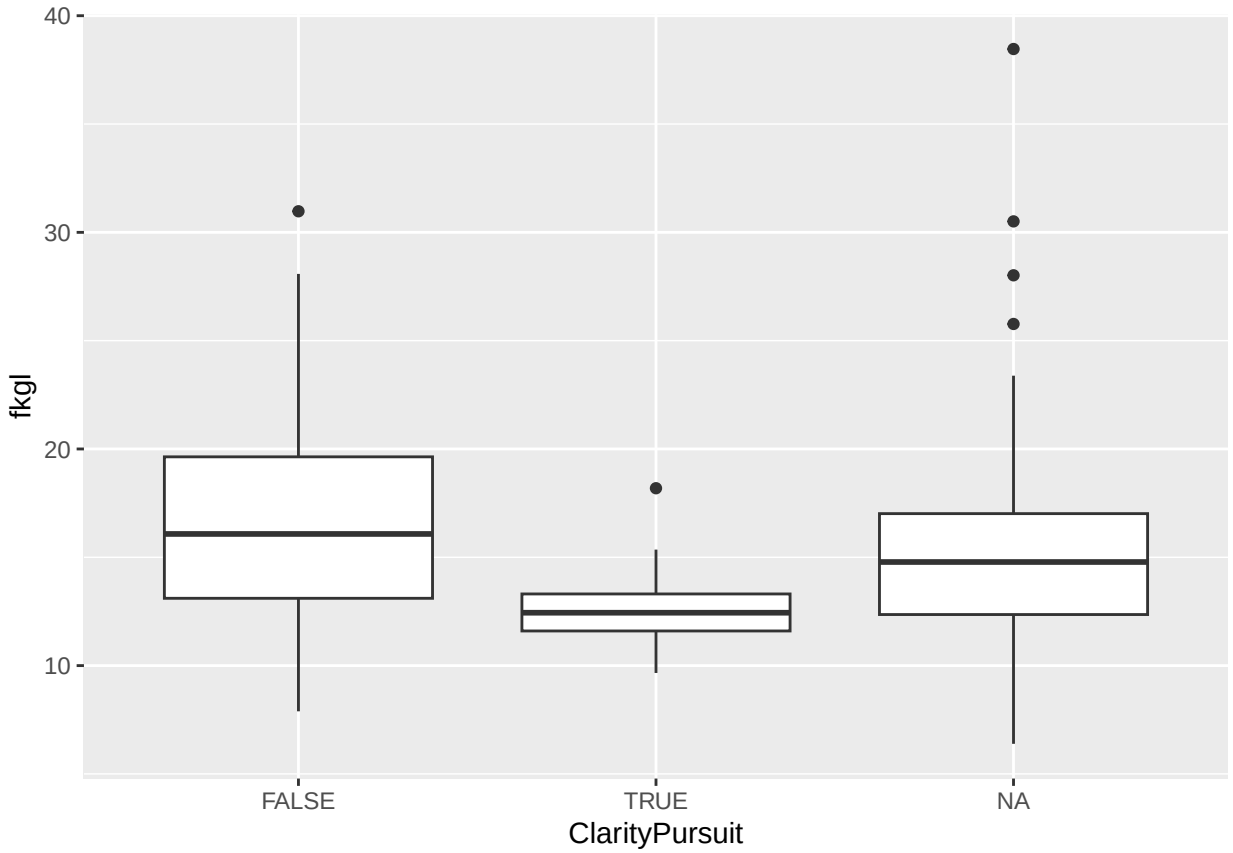

```
df %>% ggplot(aes(x = ClarityPursuit, y = cli)) +
  geom_boxplot()
```



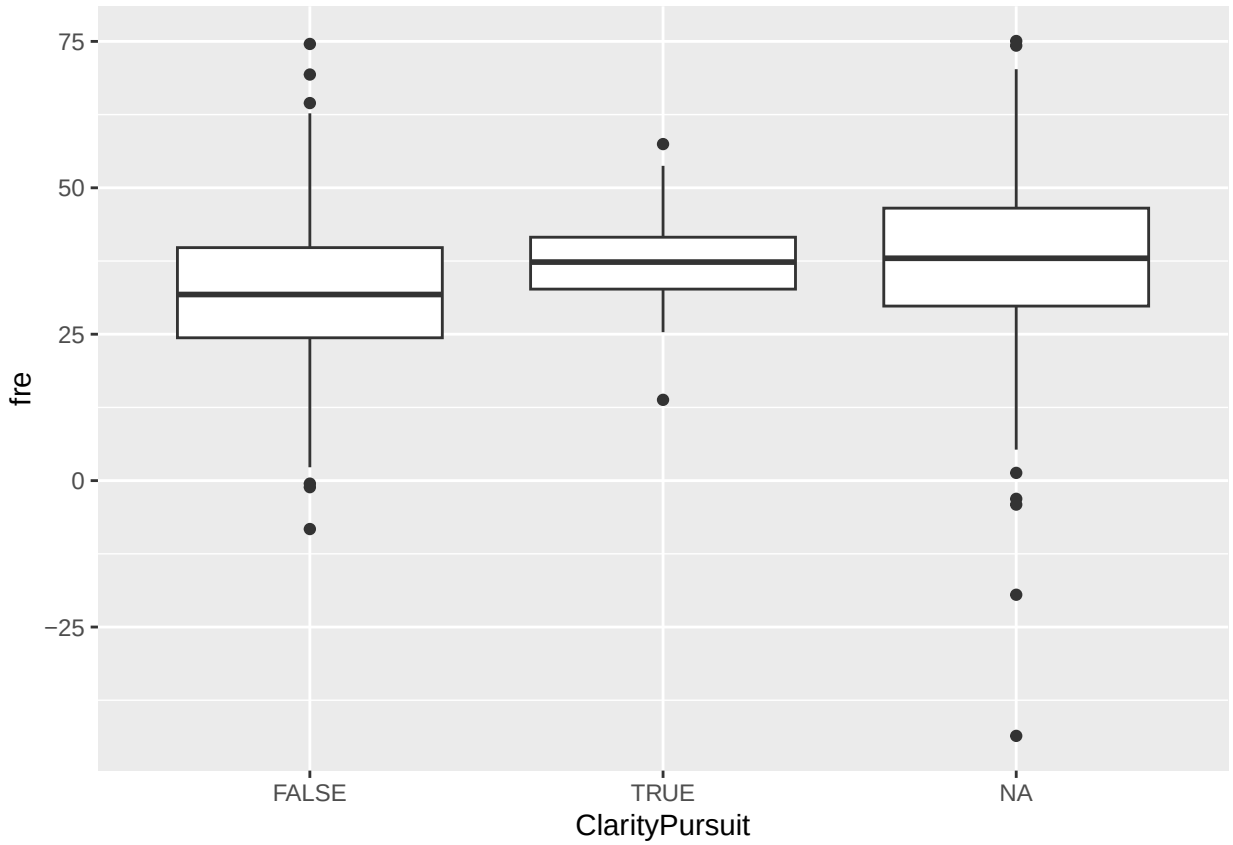

```
df %>% ggplot(aes(x = ClarityPursuit, y = entropy)) +
  geom_boxplot()
```



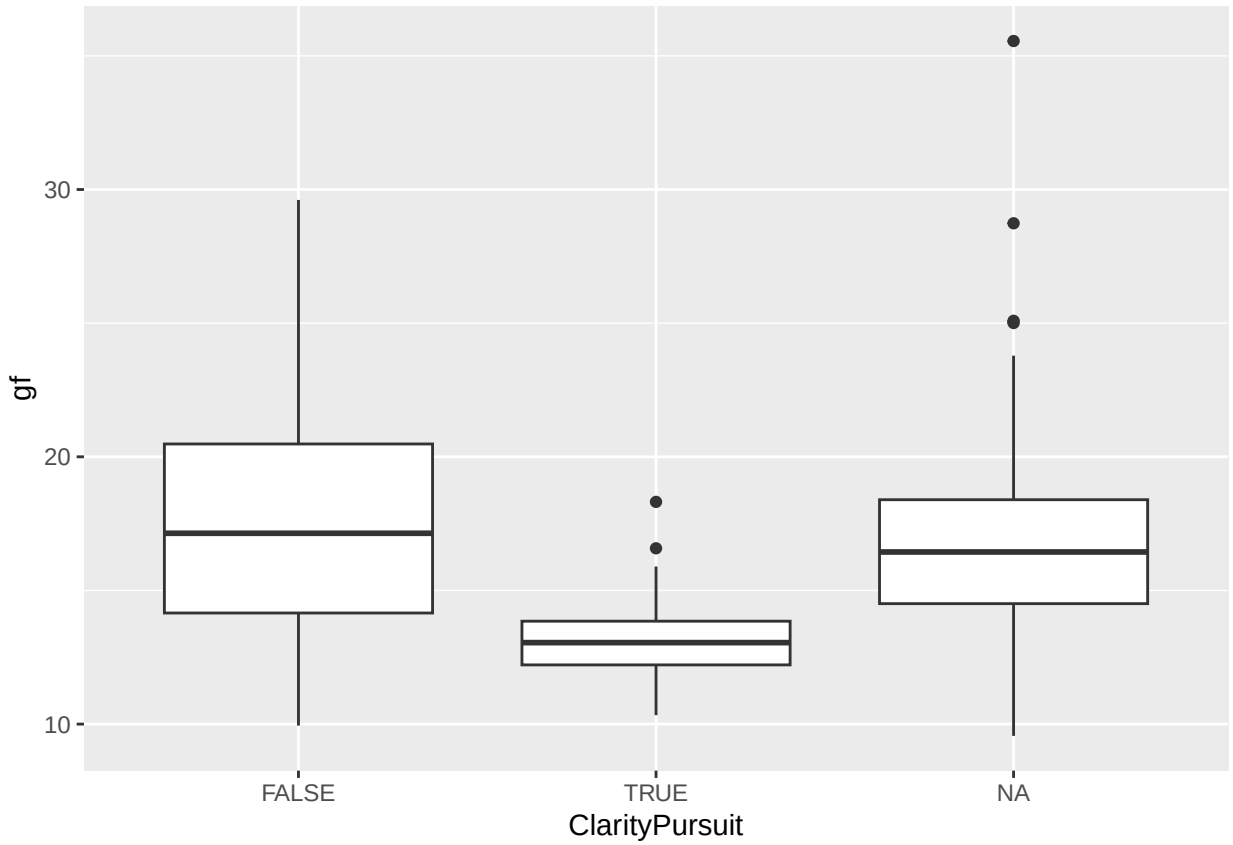

```
df %>% ggplot(aes(x = ClarityPursuit, y = fkgl)) +
  geom_boxplot()
```



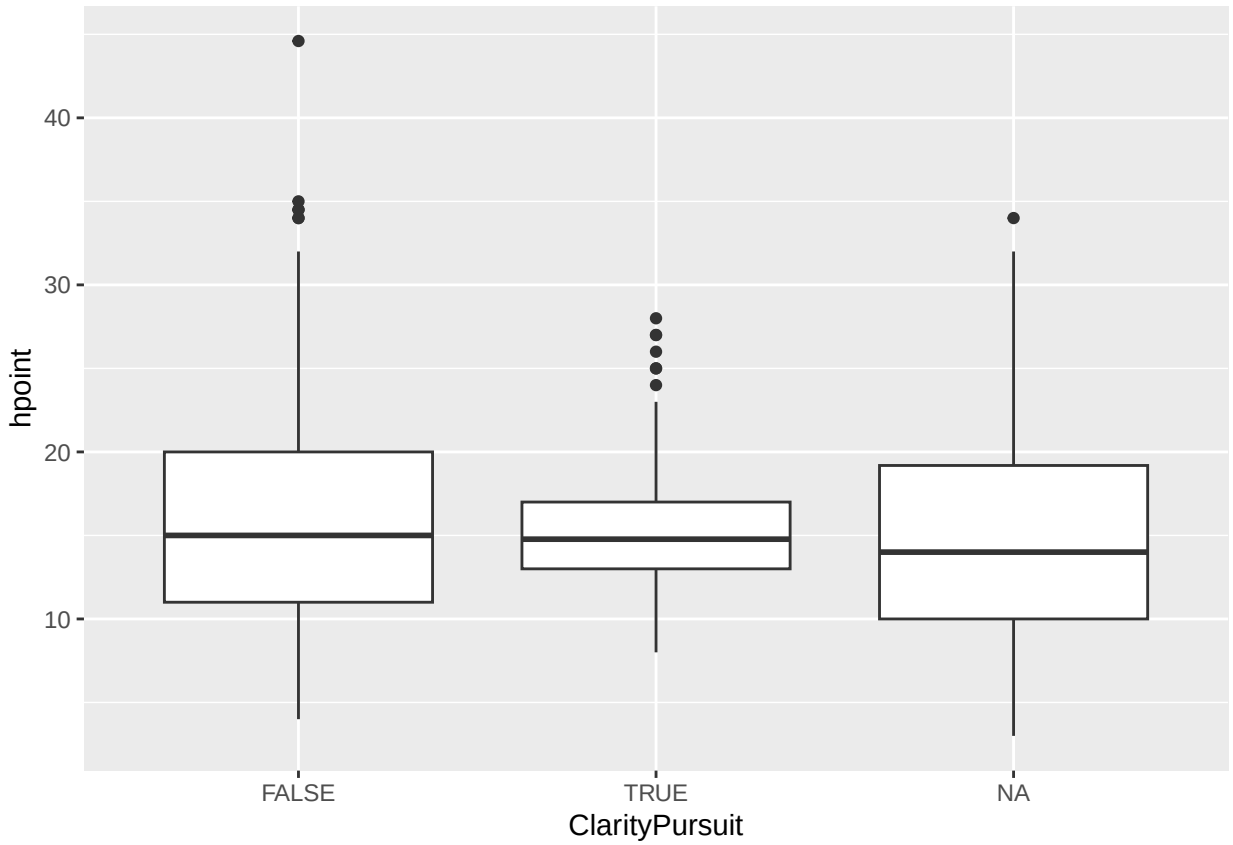

```
df %>% ggplot(aes(x = ClarityPursuit, y = fre)) +
  geom_boxplot()
```



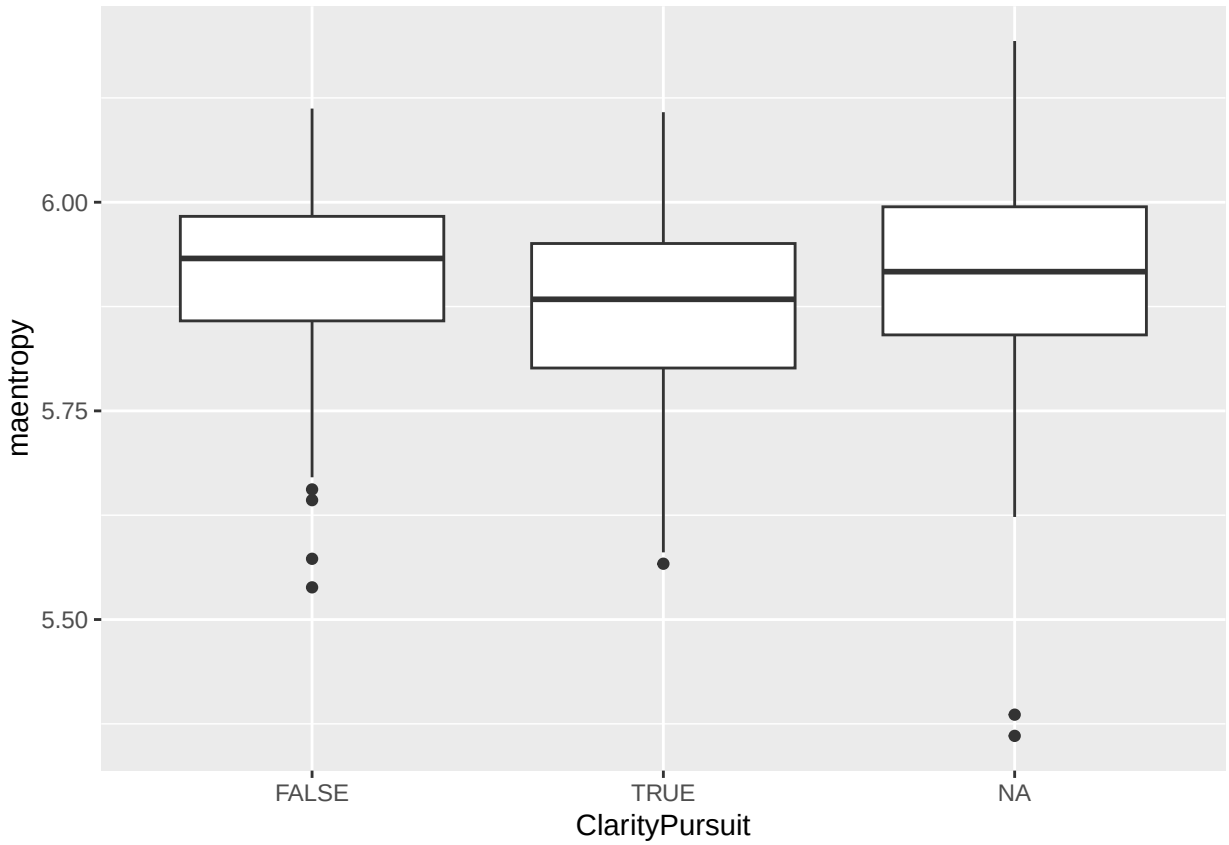

```
df %>% ggplot(aes(x = ClarityPursuit, y = gf)) +
  geom_boxplot()
```



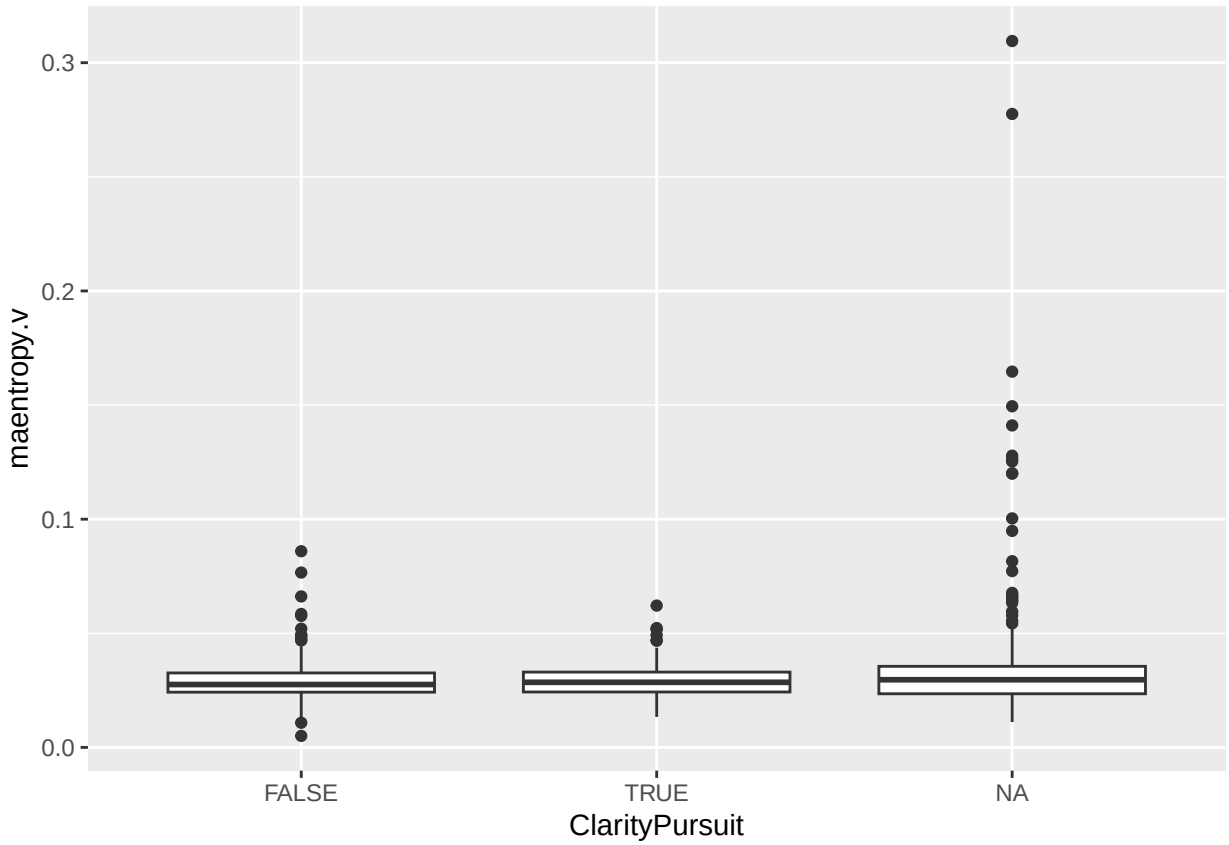

```
df %>% ggplot(aes(x = ClarityPursuit, y = hpoint)) +
  geom_boxplot()
```



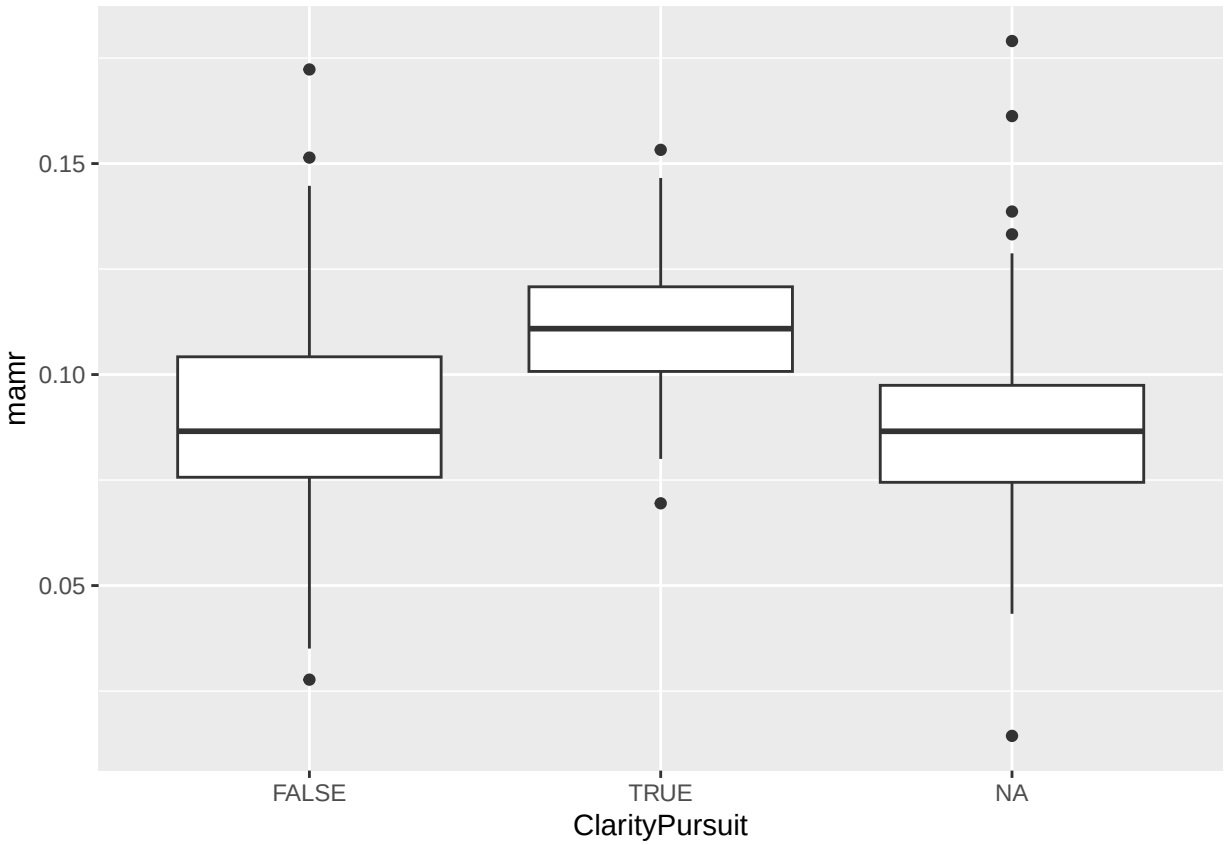

```
df %>% ggplot(aes(x = ClarityPursuit, y = maentropy)) +
  geom_boxplot()
```



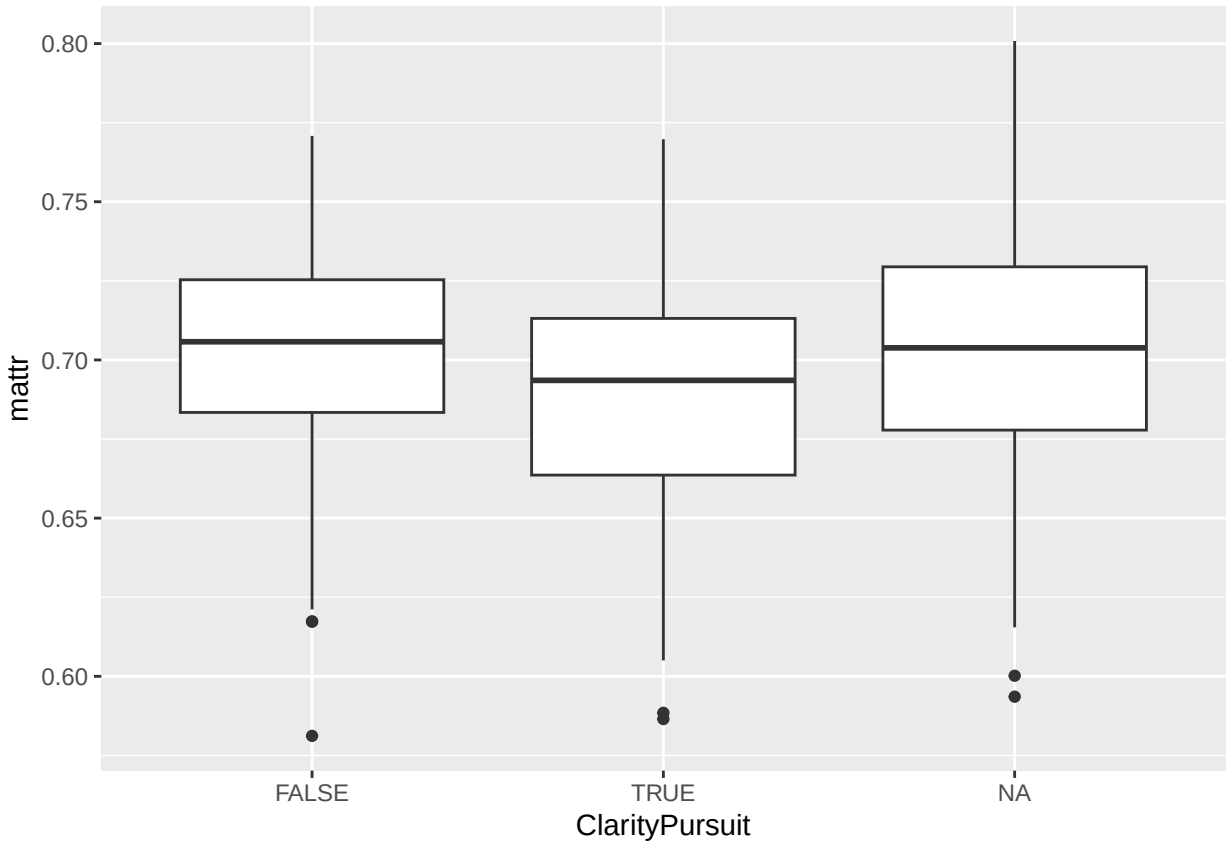

```
df %>% ggplot(aes(x = ClarityPursuit, y = maentropy.v)) +
  geom_boxplot()
```



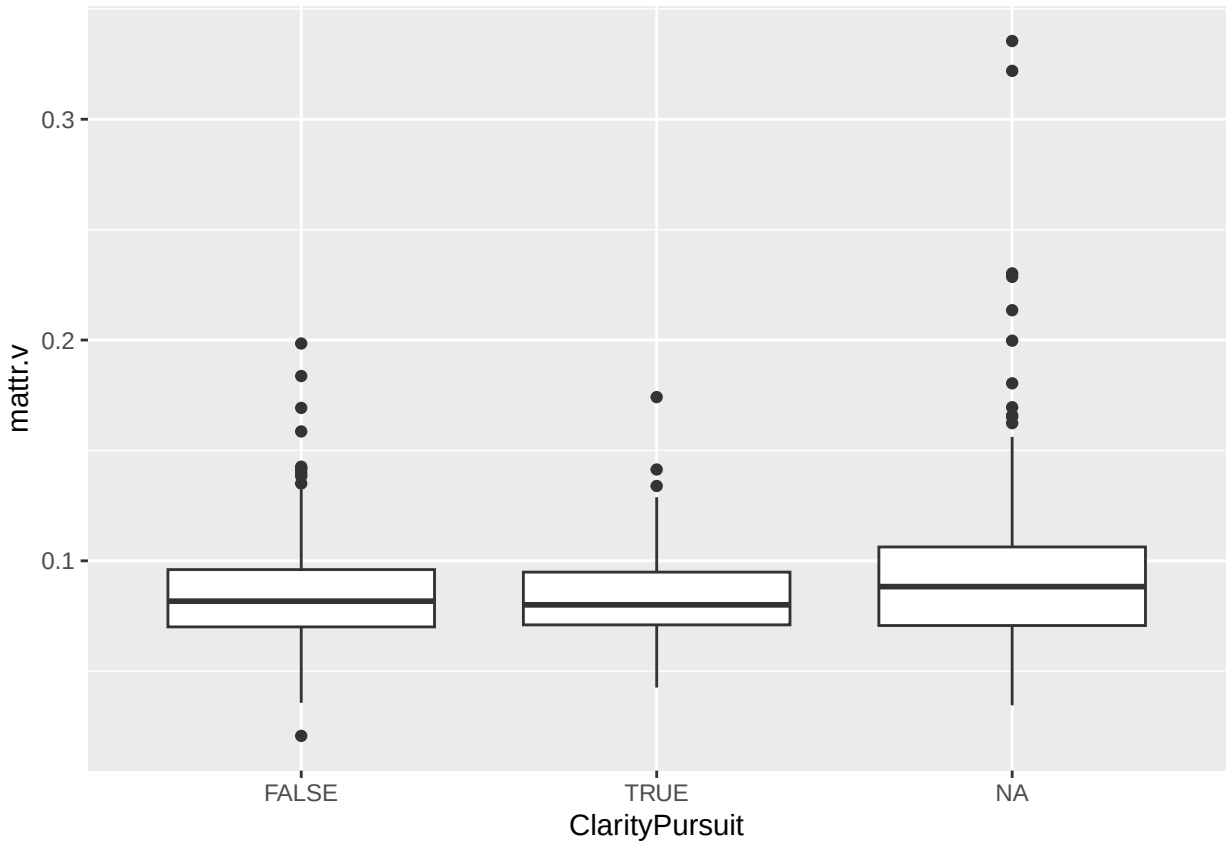

```
df %>% ggplot(aes(x = ClarityPursuit, y = mamr)) +
  geom_boxplot()
```



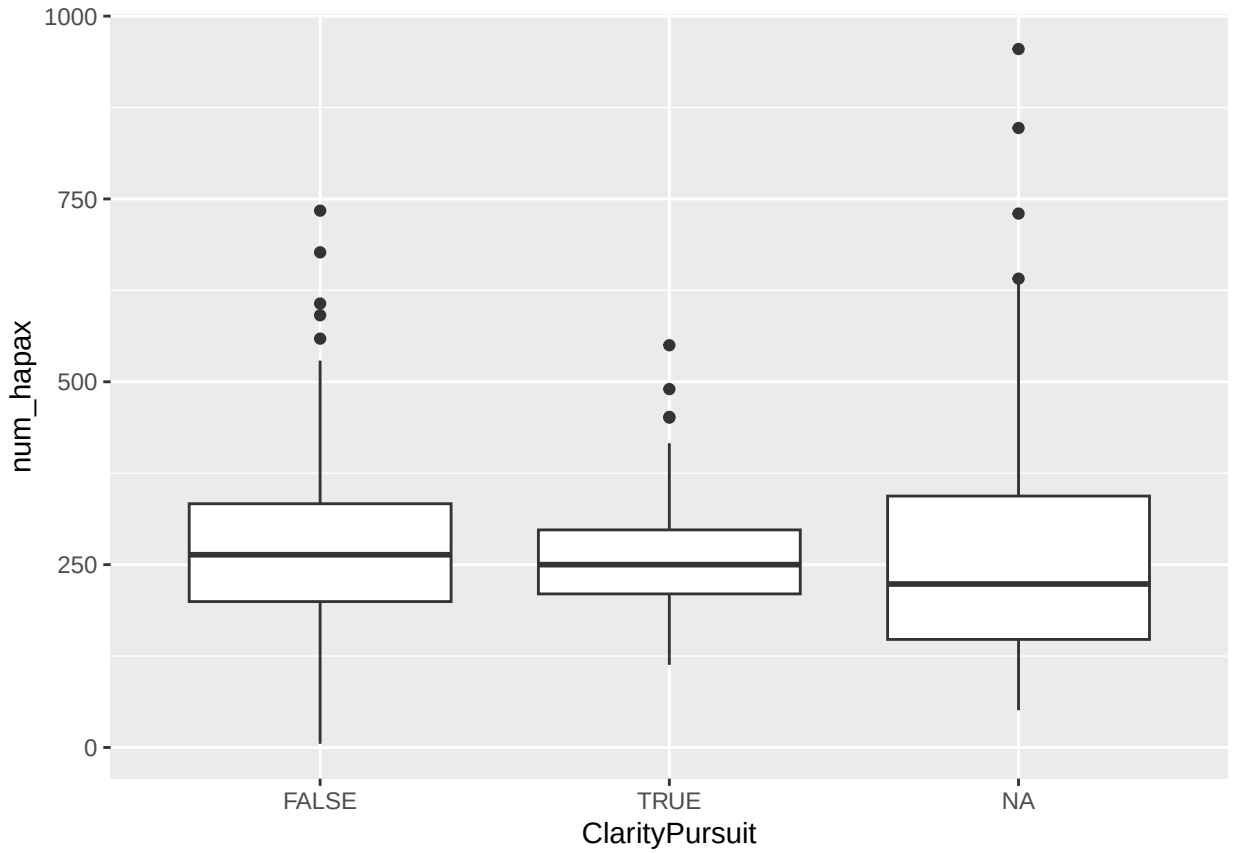

```
df %>% ggplot(aes(x = ClarityPursuit, y = mattr)) +
  geom_boxplot()
```



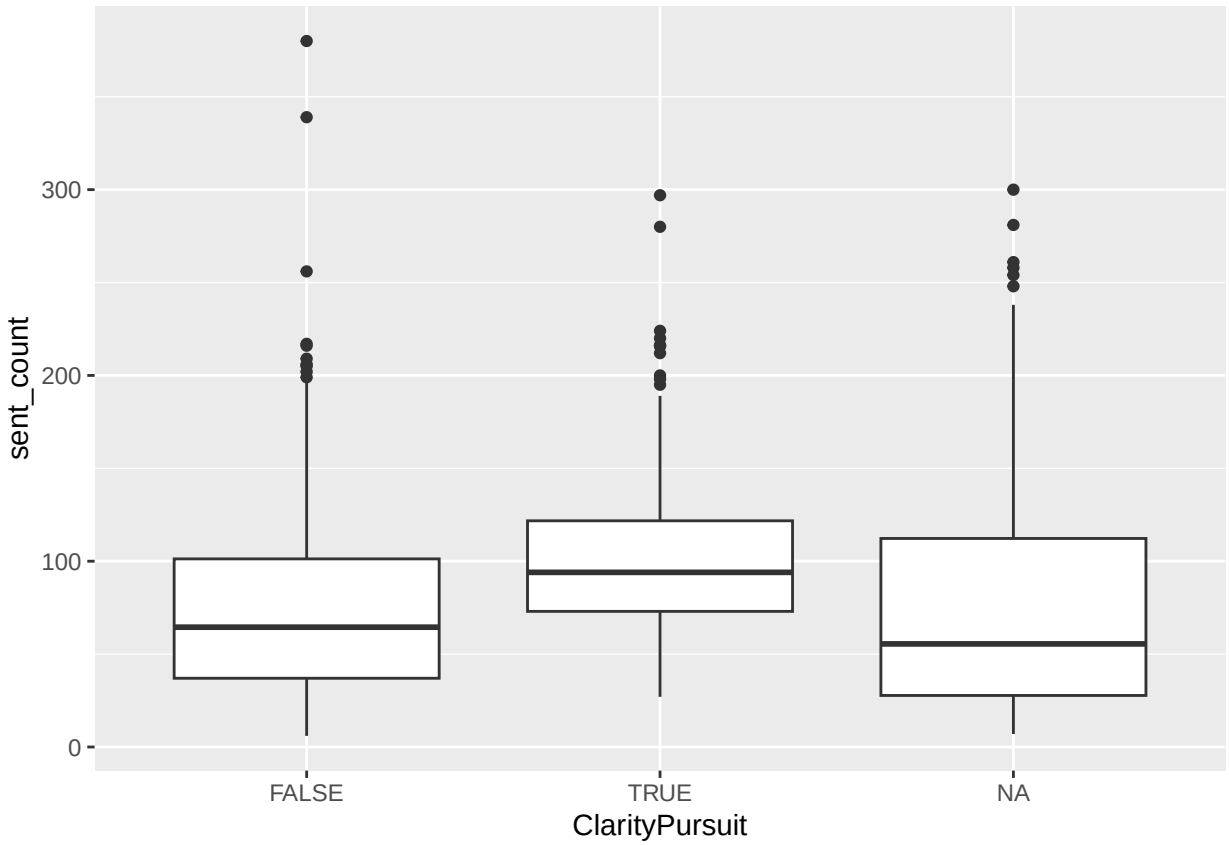

```
df %>% ggplot(aes(x = ClarityPursuit, y = mattr.v)) +
  geom_boxplot()
```



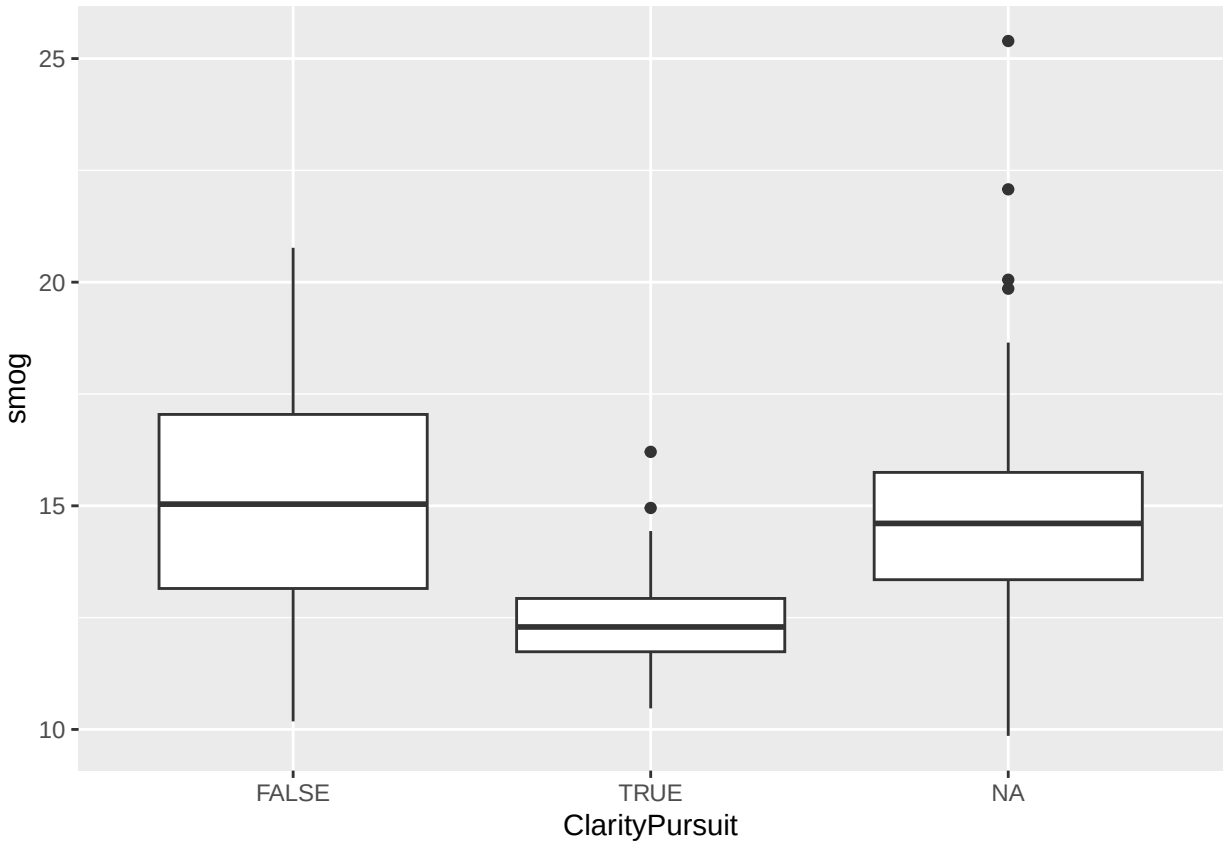

```
df %>% ggplot(aes(x = ClarityPursuit, y = num_hapax)) +
  geom_boxplot()
```



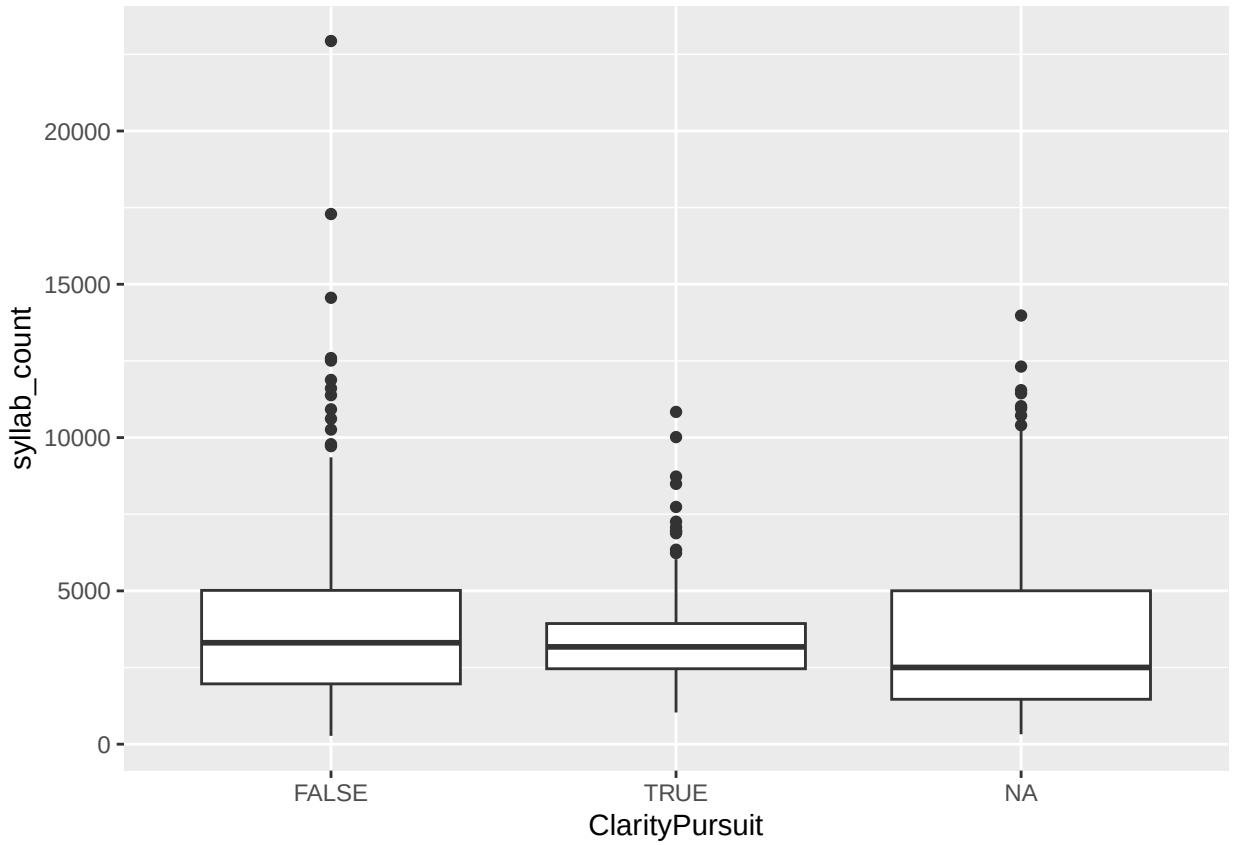

```
df %>% ggplot(aes(x = ClarityPursuit, y = sent_count)) +
  geom_boxplot()
```



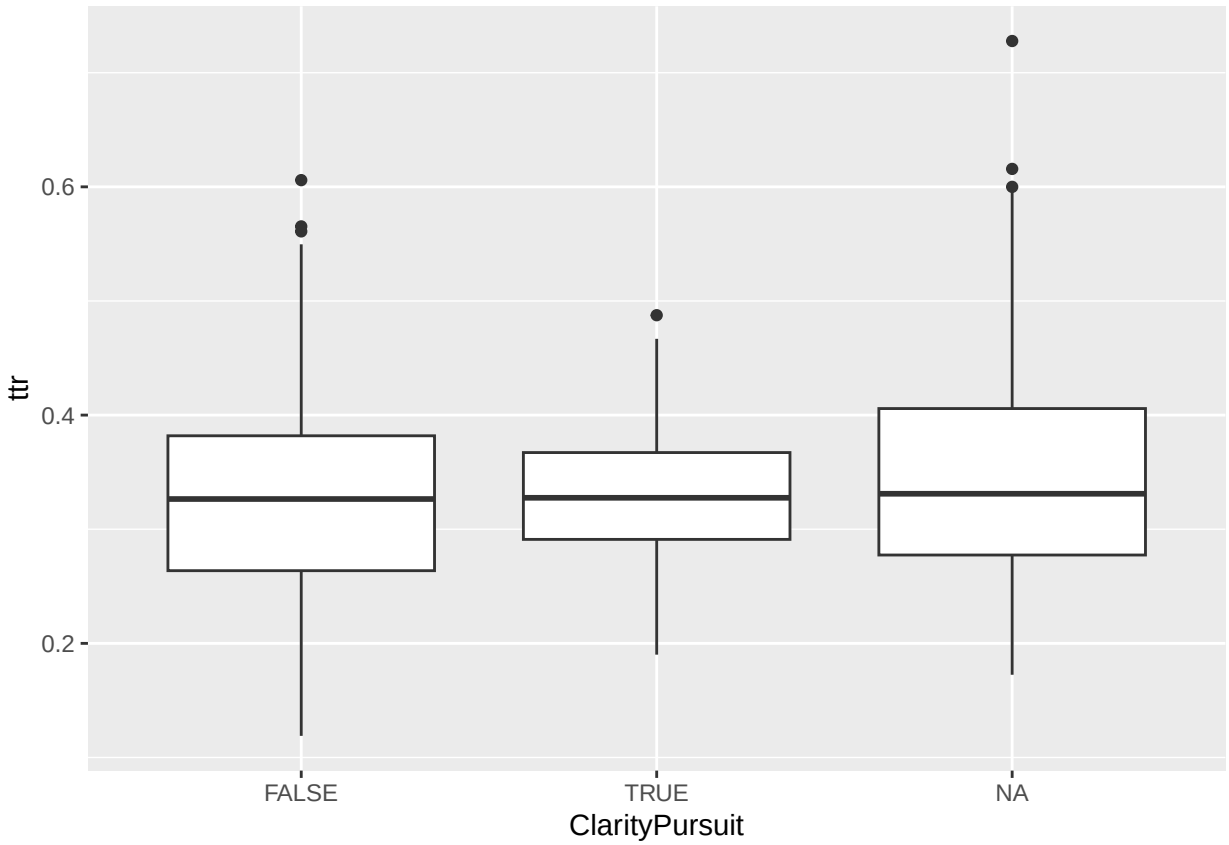

```
df %>% ggplot(aes(x = ClarityPursuit, y = smog)) +
  geom_boxplot()
```



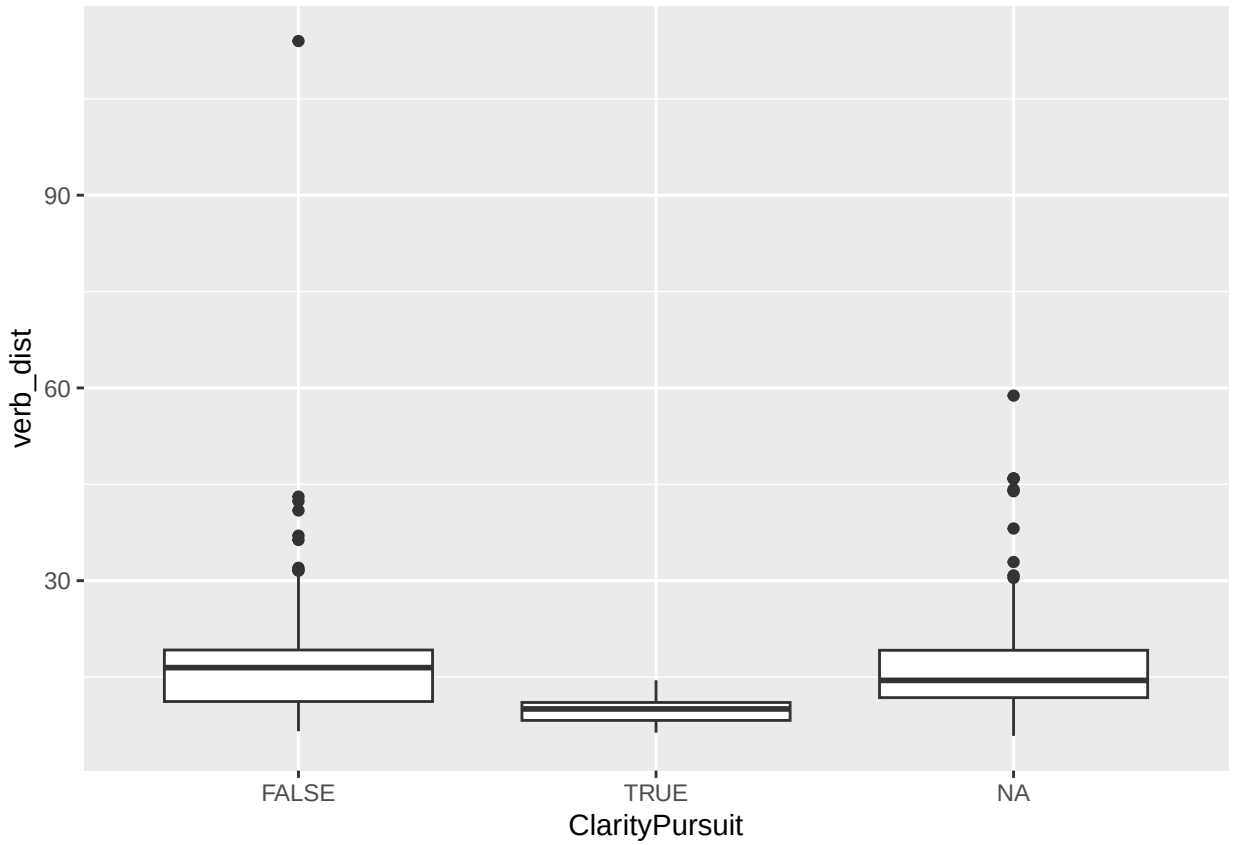

```
df %>% ggplot(aes(x = ClarityPursuit, y = syllab_count)) +
  geom_boxplot()
```



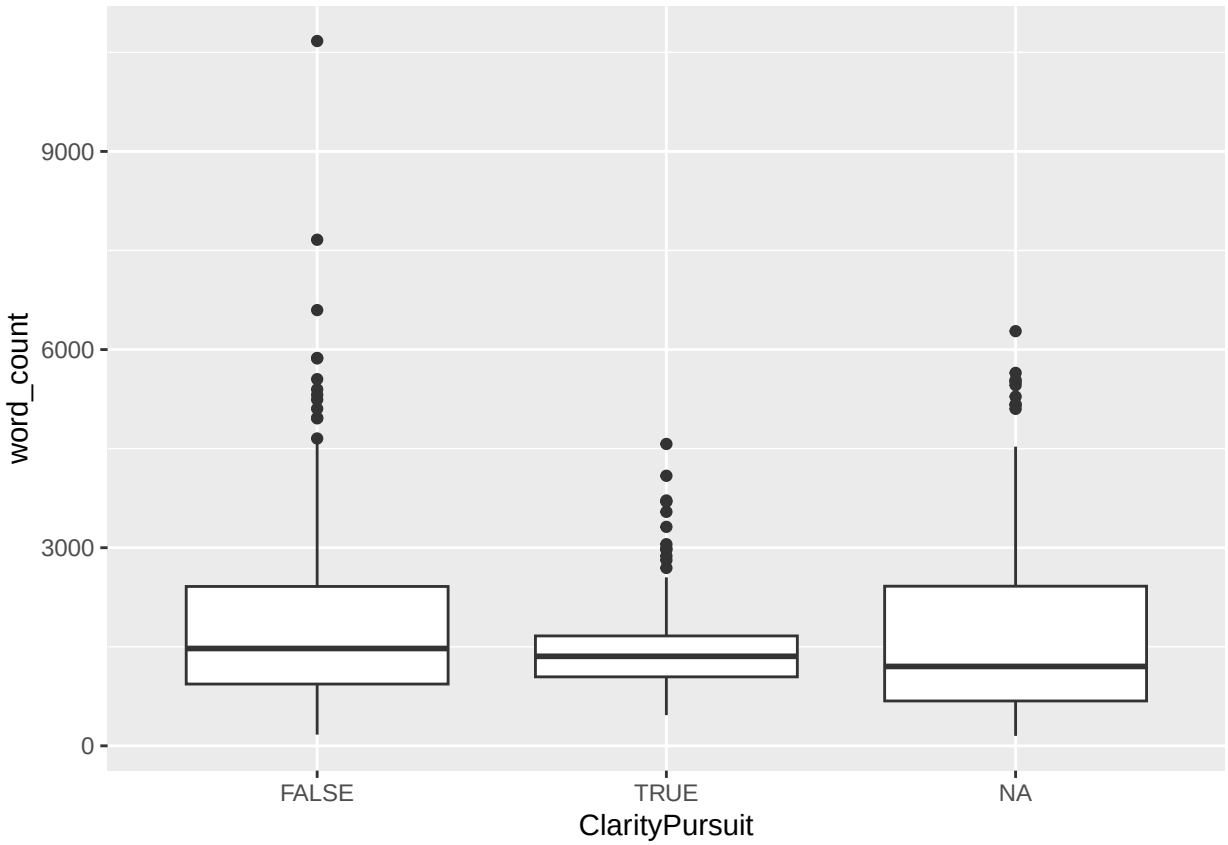

```
df %>% ggplot(aes(x = ClarityPursuit, y = ttr)) +
  geom_boxplot()
```




```
df %>% ggplot(aes(x = ClarityPursuit, y = verb_dist)) +
  geom_boxplot()
```




```
df %>% ggplot(aes(x = ClarityPursuit, y = word_count)) +
  geom_boxplot()
```


word_count
9000
6000
3000
0
FALSE
TRUE
NA
ClarityPursuit