

# Plots markdown

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## Density plot of CpG coverage of the first two samples of errbs5916

```
library(tidyverse)

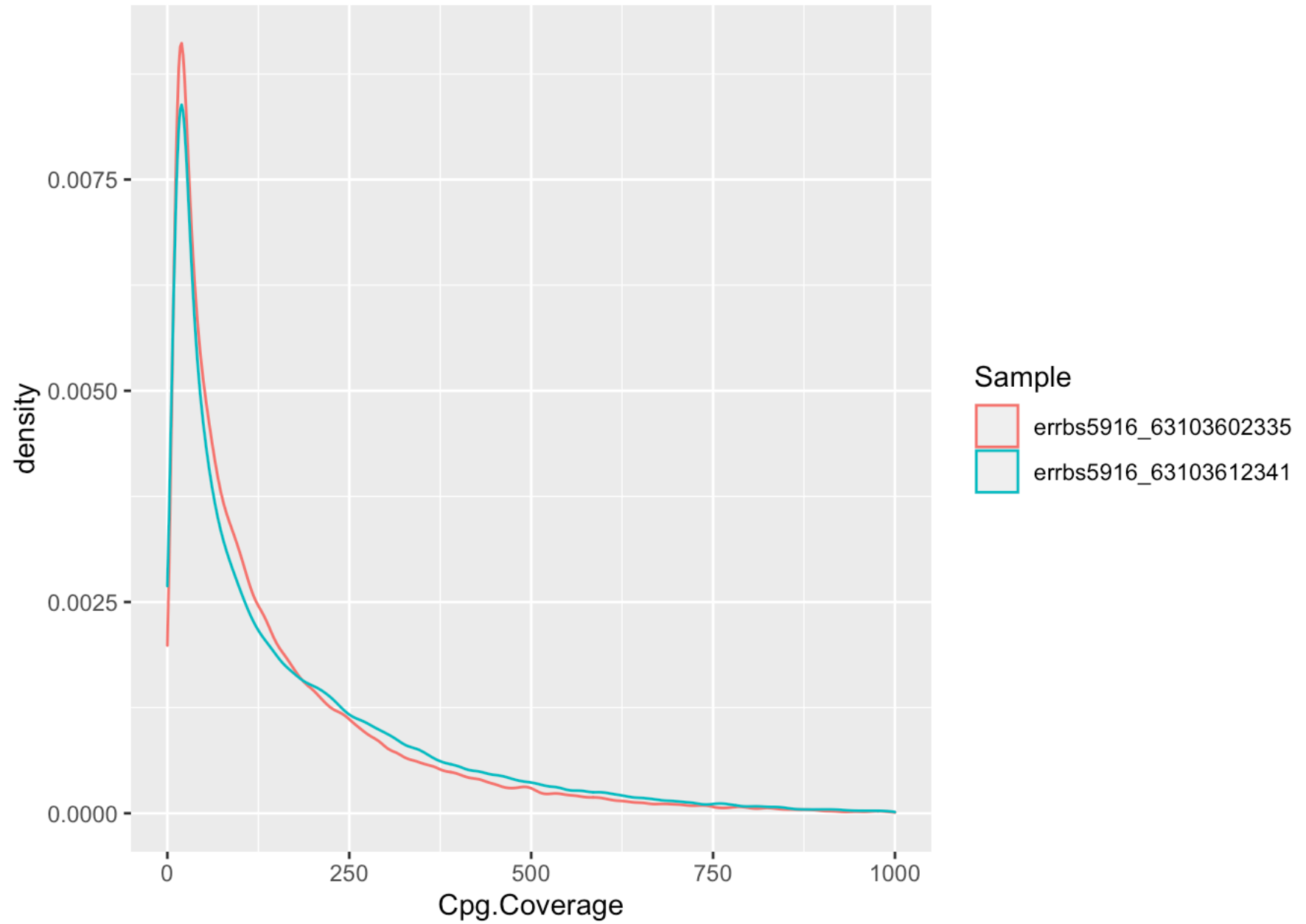
## — Attaching packages —
tidyverse 1.3.0

## ✓ ggplot2 3.3.1      ✓ purrr  0.3.4
## ✓ tibble  3.0.1      ✓ dplyr  1.0.0
## ✓ tidyr   1.1.0      ✓ stringr 1.4.0
## ✓ readr   1.3.1      ✓ forcats 0.5.0

## — Conflicts —
- tidyverse_conflicts() —
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()

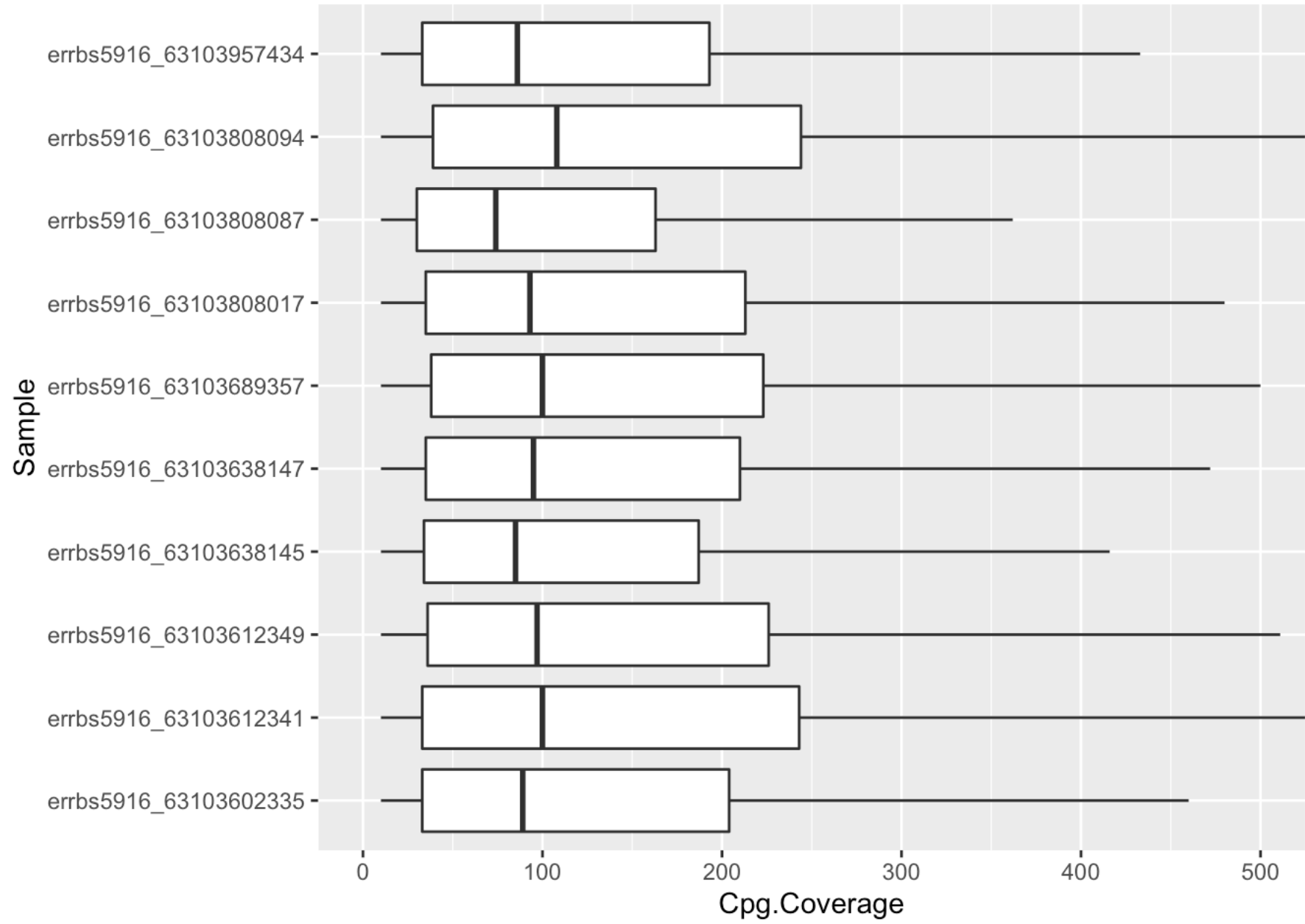
load("errbs5916_site_coverage_mat")
load("errbs5916_first_two_samples_10x_noNA")
ggplot(two_columns_4, aes(x=Cpg.Coverage, color = Sample)) + geom_density() + xlim(c(0,1000))

## Warning: Removed 2627 rows containing non-finite values (stat_density).
```



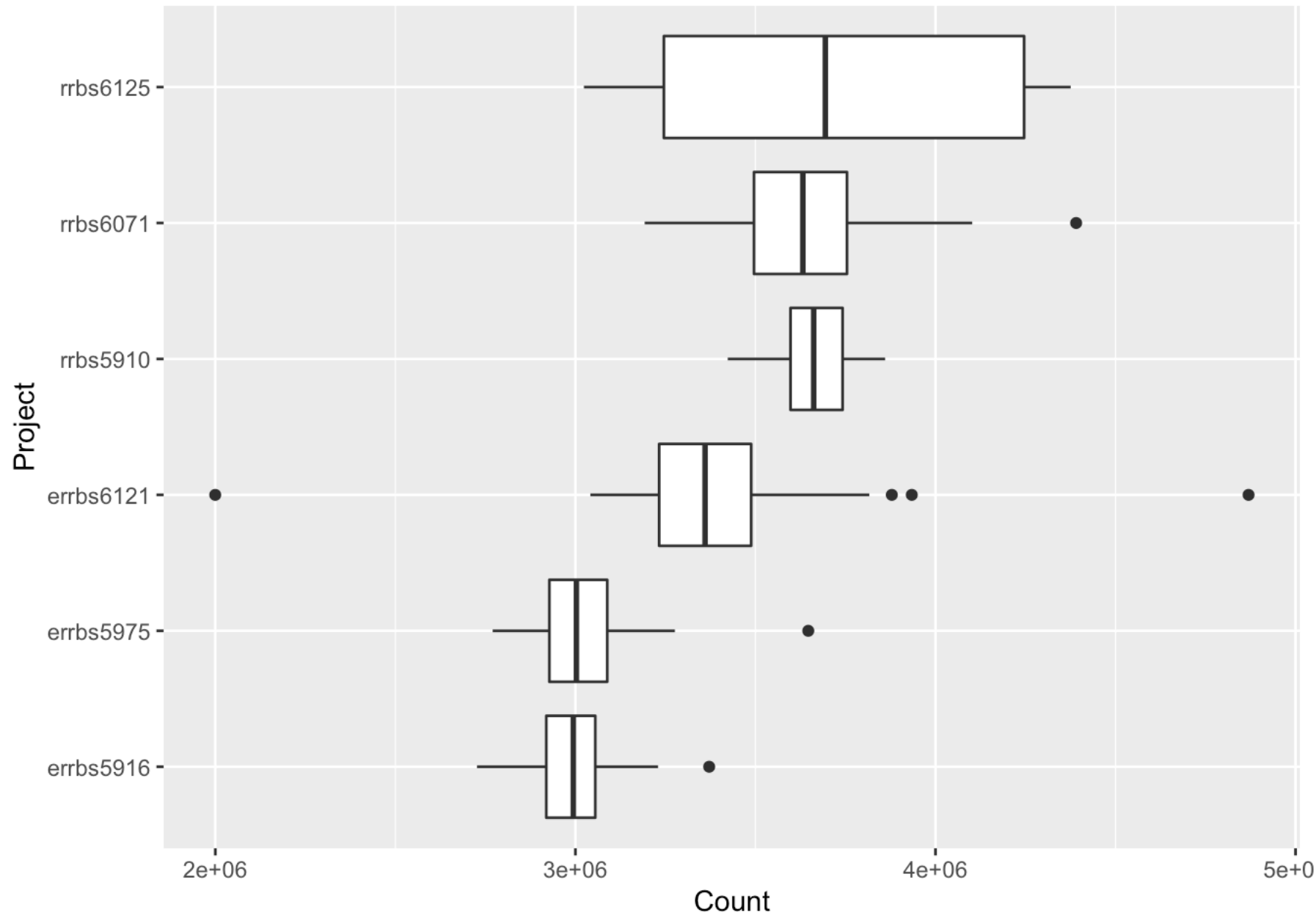
## Boxplots of CpG coverage of the first ten samples of errbs5916

```
load("errbs5916_first_ten_samples_10x_noNA")
ggplot(two_columns, aes(x=Sample, y=Cpg.Coverage)) + geom_boxplot(outlier.size = -1) + coord_flip(ylim = c(0,500))
)
```



## Boxplots of each project, comparing their numbers of CpG sites with at least 10x coverage

```
load("all_projects.sample_count_mean")
ggplot(p, aes(x=Project, y=Count)) + geom_boxplot() + coord_flip()
```



## Boxplots of each project, comparing their mean CpG coverage (≥10x coverage)

```
load("all_projects.sample_count_mean")
ggplot(p, aes(x=Project, y=Mean)) + geom_boxplot() + coord_flip()
```

