

{ggxmean}



Photo credit: Hans Veth


```

library(tidyverse)
library(ggxmean)
palmerpenguins::penguins %>%
  drop_na() %>%
  ggplot() +
    aes(x = bill_length_mm) +
    geom_rug(alpha = .3) +
    geom_histogram(alpha = .4) +
    geom_x_mean() +
    aes(color = species) +
    aes(fill = species) +
    facet_grid(rows = vars(species)) +
    facet_grid(rows = vars(species, sex))
    geom_rug(alpha = .6) +
    geom_x_quantile(quantile = .5,
                    linetype = "dashed",
                    color = "goldenrod",
                    size = 2) +
    geom_x_percentile(percentile = 75,
                      color = "goldenrod",
                      size = 2) +
    geom_x_median(color = "black",
                  size = 2) +
    geom_x_quantile(quantile = .25, linetype = "dashed",
                    color = "goldenrod",
                    size = 2) +
    geom_boxplot(y = 0,
                 width = 3,
                 fill = "white",
                 color = "black")

```

