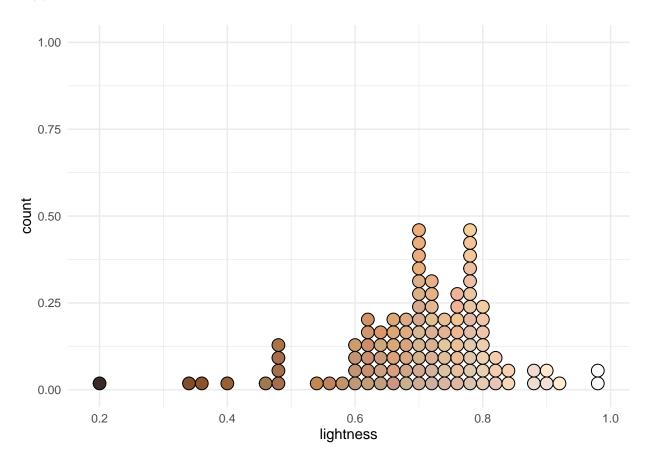# Makeup Shades

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Plot

What I learnt

- https://pudding.cool/2021/03/foundation-names/ This article raised awareness of usage of the word "Nude" in makeup foundation colors being potentially problematic, because it suggests a correlation between "Nude" and lighter shades of skin colors.
- The plot on top is an illustration of "Nude" shade foundations relating with lightness of the color.
- I learnt to use geom_dotplot for the case of single variable, and plot reassures the finding from the mentioned article.

Codes

```r
sephora <- readr::read_csv('https://raw.githubusercontent.com/rfordatascience/tidytuesday/master/data/20
ulta <- readr::read_csv('https://raw.githubusercontent.com/rfordatascience/tidytuesday/master/data/2021,
allCategories <- readr::read_csv('https://raw.githubusercontent.com/rfordatascience/tidytuesday/master/
allShades <- readr::read_csv('https://raw.githubusercontent.com/rfordatascience/tidytuesday/master/data,
allNumbers <- readr::read_csv('https://raw.githubusercontent.com/rfordatascience/tidytuesday/master/dat

library(tidyverse)
library(cowplot)
allShades %>%
  drop_na(name) %>%
  filter(str_detect(name,"Nude")
         | str_detect(name, "nude")
         | str_detect(description, "Nude")
         | str_detect(description, "nude")) -> ShadesNude

ShadesNude %>%
  ggplot(aes(x = lightness, fill = hex)) +
  geom_dotplot(binpositions = "all", binwidth = 0.02,
               method = "histodot", stackgroups = TRUE) +
  theme_minimal() +
  theme(legend.position = "none") +
  scale_fill_identity()
```