

lab_7

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commit 1 (code)

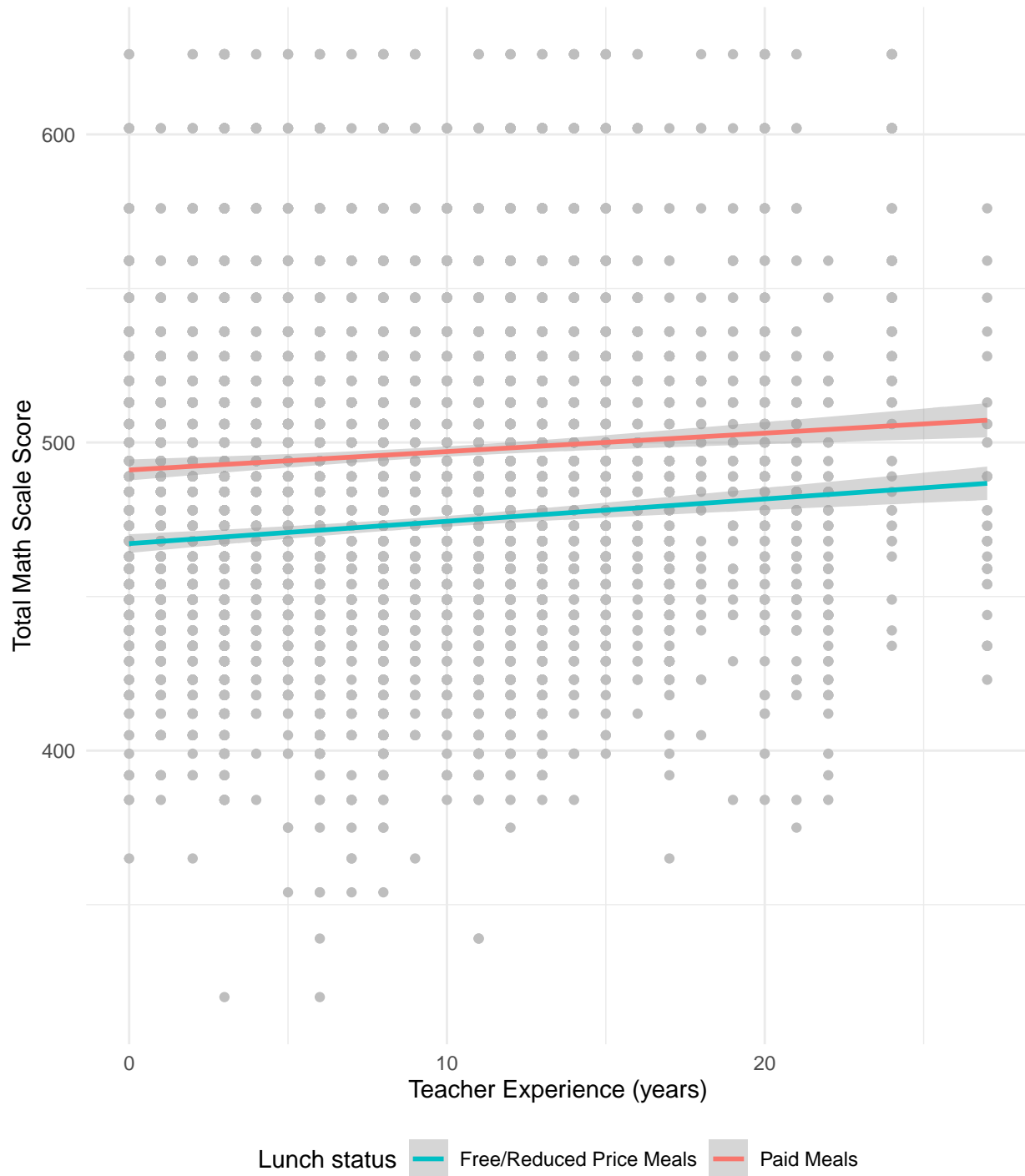
commit 4

```
star$frl <- factor(star$frl)

ggplot(star, aes(x = totexp, y = tmathss)) +
  geom_point(color = "grey") +
  geom_smooth(aes(color = frl), method = "lm")+
  labs(title = "Relation between teacher experience and math scores",
        subtitle = "Separate regression lines displayed by freereduces price lunch status",
        x = "Teacher Experience (years)",
        y = "Total Math Scale Score",
        color = "Lunch status")+
  scale_color_discrete(breaks = c("yes", "no"), labels = c("yes" = "Free/Reduced Price Meals", "no" = "Full Price Lunch"))
  #scale_color_discrete(breaks = c("yes", "no"))+
  theme_minimal() +
  theme(legend.position = "bottom")

## `geom_smooth()` using formula 'y ~ x'
```

Relation between teacher experience and math scores
 Separate regression lines displayed by freereduces price lunch status



```
#dominiks version
#test
```