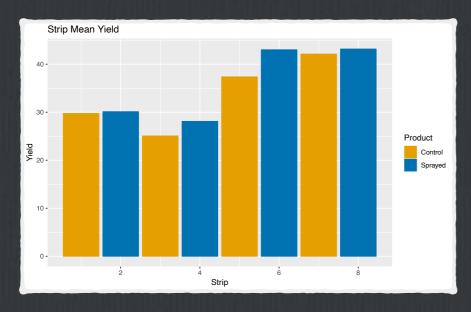
Likelihood Ratio (Naive)



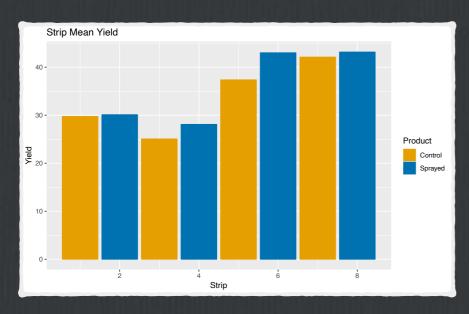


Subtract the logs, then exponentiate to get a ratio

```
D > H1.lm <- lm(Yield ~ Block,
    data=meansEqual.dat)
> H2.lm <- lm(Yield ~ Block + Product,
    data=meansEqual.dat)
> logLik(H1.lm)
'log Lik.' -29.18457 (df=5)
> logLik(H2.lm)
'log Lik.' -28.61411 (df=6)
> logLik(H2.lm)-logLik(H1.lm)
'log Lik.' 0.5704535 (df=6)
> exp(logLik(H2.lm)-logLik(H1.lm))
'log Lik.' 1.769069 (df=6)
```

☐ H2 is more likely, but is it much more likely?

Likelihood Ratio (Naive)





- - Is it reasonable to say that it's almost twice as likely that the product increased yield by 2.5 b/acre, than that the product did nothing?