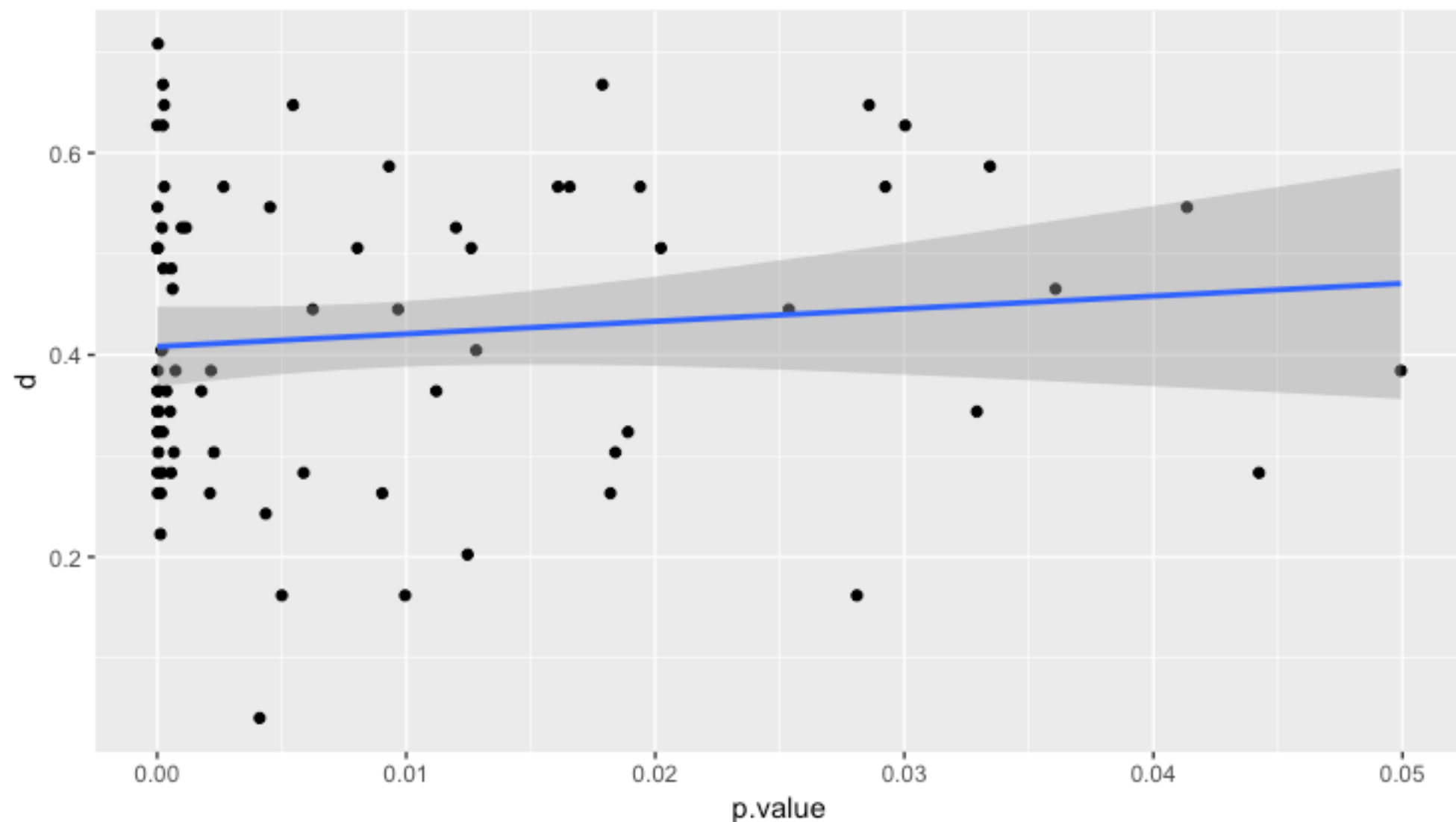


- It's worth noting, there's no clear relationship between the p-value of a t-test and Cohen's d (i.e., smaller p-values don't mean bigger effect size estimates). Pearson's r in this case = 0.11



The Advantage of Simulation

- You can specify the kind of effect size you're interested in looking for - think about what magnitude might be of theoretical importance - and then model different sample sizes to determine (roughly) how many observations you might need to have a reasonable chance of detecting the effect (assuming it is there).
- Data simulation can be used to motivate pre-registered analysis plans (e.g., on OSF).
- Wouldn't it be handy if we could easily change our sample size parameter without having to dig around in our code?