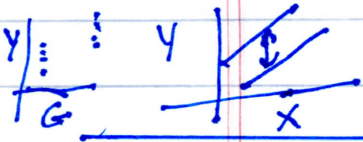


Recap, RCT, $G = T/C$ Outcome

Before... ATE via t-test $Y \sim G$ est $\mu_1 - \mu_0$
[stat60] (ACE) or using X (concomitant var)
ancova (or blocking) $Y \sim G + X$
for precision: coef G est $\mu_1 - \mu_0$



But there's more...

mediation WHY ATE?

via path analysis ?? Baron Kenny mess
week 2,3 even in RCT

moderation CATE (cnrl)

individual diffs in response to intervention, heterogeneous treat

via pick-a-point (subgroups)

week 5 J-N region of significance

[ATE says all X in region, or no X]

even more - - -

>> My name is Patrick Forscher, and I am the lab instructor for a data analysis course in the UW-Madison Psychology Department. The instructor of record, Markus Brauer, and I are teaching the course in R. We have used your the mediate() function in the mediation package to demonstrate how to test for simple mediation (a la Baron & Kenny, 1986). However, we'd also like to teach the students to test for moderated mediation (when a mediation effect varies across levels of a third variable; Preacher, Rucker, & Hayes, 2007) and mediated moderation (when a variable provides the causal mechanism through which an interaction exerts its effect on a dependent variable; Muller, Judd, & Yzerbyt, 2005). Is the mediate() function able to test for moderated mediation or mediated moderation? If not, would you be able to recommend a package that can test for these cases?>>
>> Thanks for your time and advice!

individuals in mediation [M/F in anxiety] why individual diffs in effect? [aspirin] M/F