

Causes Example Controls Explain Interpret Replicate Specify More BUT! e.g. **Distorter Variables** A variable that reverses the direction of a zeroorder relationship. • For example, what if TV watching made women more afraid to walk at night in their neighborhood - but made men less afraid, reversing the effect of the IV • For example; when studying the starting salaries of men and women, the researcher was surprised to find the women receiving higher starting salaries, on average, than their male counterparts. ■ The distorter variable was "time of hire." Many of the women had been hired relatively recently, when salaries were higher overall than in the earlier years when many of the men had been hired. Only recently had women began to be hired. SOC497 @ CSLIN w/ Ellis Godard 49

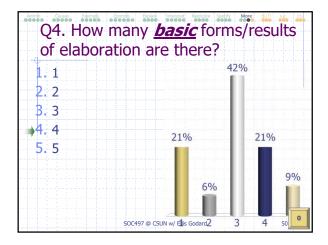
Note: Not just crosstabs!

The idea behind the elaboration method is not tied to any particular statistic

It is an analytical tool about complex conceptualized relationships

Could employ ("do") elaboration w/ crosstabs, gammas, t-tests, ANOVA, regression, et al.

Crosstabs just make it easier for you to see the partial relationships



Warnings about Elaboration

Theoretical caution

Avoid ex post facto hypothesizing

after the fact

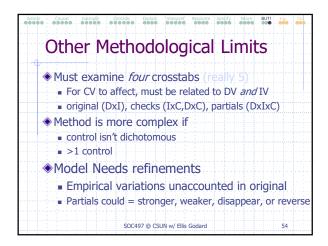
Be careful about claims

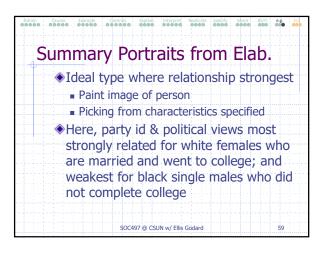
Multiple causes are possible and likely

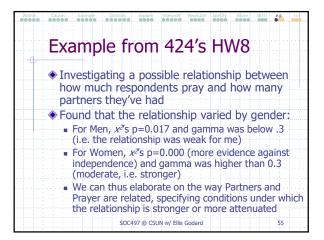
Methodological freedom

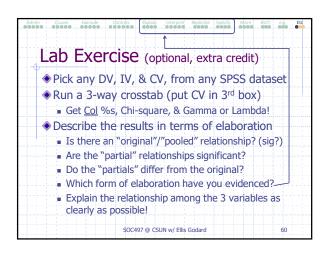
No strong guidelines for what makes a partial difference significant

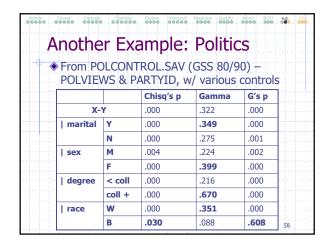
Some statistical tests may help that
but we won't go there

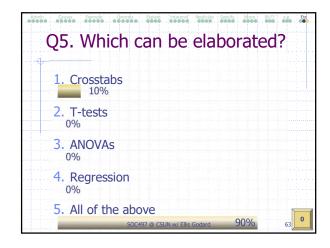












Te	am Scores			
Points	Team	Points	Team	
2.66	YES! They rock			
2.5	I don't care. Please			
2.28	Sure, keep doing them			
2.25	Ok, but dude, change			
2	OMG, no, stop, boome			