

 PBE 12 items using 5-point Likert scale Measured frequency students perceived classroom instruction and assignments incorporated the people, history, culture, places, business, and environment of the rural community EFA/CFA confirmed 3 factors: class, community, preparation STEM career interests EFA/CFA confirmed 3 factors: Math/Statistics, Agriculture/Forestry, Engineering/Computers Measures degree of interest in future job Math/Science Class Efficacy Average of 4 items using 6-point Likert Measures student's confidence in understanding and excelling at math/science class content Mural Identity Average of 5 items using 6-point Likert Measures student's degree of pride and sense of belonging to the rural community. 		Measures
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Slide 7

AS7 Delete slide Angie Starrett, 2/23/2019

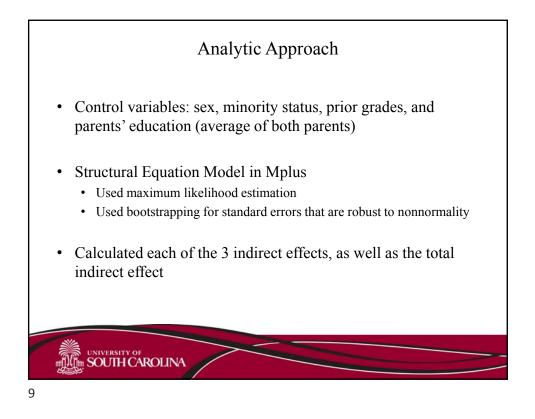
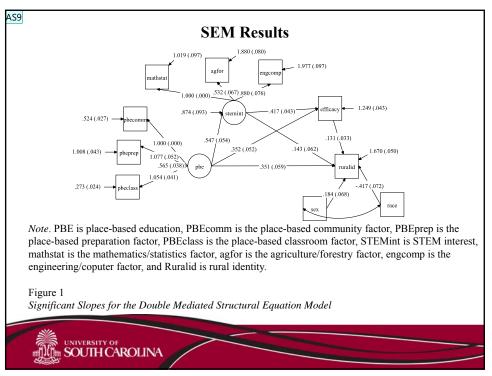
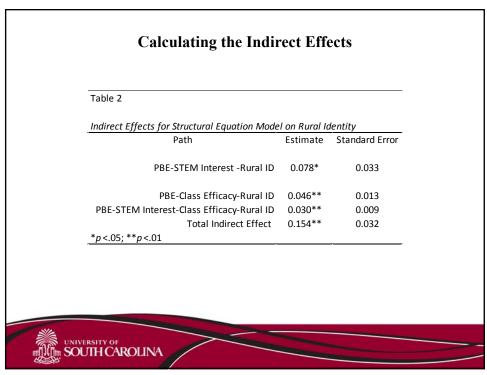


Table 1				• Fit statistics suggest
Slopos and n Values	for Structural Equation M	adal an Run	al Idontitu	
	Independent Variable		Standard Error	adequate fit • RMSEA = .10
STEWINGCOU	Place-Based Education	0.547**	0.054	
Class Efficacy				• $CFI = .75$
	Place-based Education	0.352**	0.052	\bullet SDMD = 07
	STEM Interest	0.417**	0.043	• SRMR = $.07$
Rural Identity	Place-Based Education	.351**	0.059	• R^2 for rural identity = 13%
	STEM Interest	0.143*	0.055	
	Class Efficacy		0.033	
	Gender	0.184**	0.068	
	Race	-0.417**	0.072	
	Parents' Education	-0.006	0.022	
	Prior Grades	0.002	0.033	



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AS9 Here you want to discuss that z-scores were calculated with the conditional response means to quantitatively differentiate the profiles. The average class in both subjects was made the referrent group for the ANOVAs. Angie Starrett, 2/25/2019

