



In this talk I introduce the concepts and jargon of structural equation modeling (SEM) including path diagrams, latent variables, endogenous and exogenous variables, and goodness of fit. I describe the similarities and differences between Stata's `-sem-` and `-gsem-` commands. Then I demonstrate how to fit many familiar models such as linear regression, multivariate regression, logistic regression, confirmatory factor analysis, and multilevel models using `-sem-` and `-gsem-`. I wrap up by demonstrating how to fit structural equation models that contain both structural and measurement components.

An Emerging Addictions Science Seminar

Structural Equation Modeling

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12:30-1:30 PM

Meeting ID: 923 0354 7932

Password: 123456

<https://rutgers.zoom.us/j/92303547932?pwd=WStXa09vMkNHYNpQeVVFRIhURVBNZz09>

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