

Academy of International Business (AIB) Online Annual Meeting Research Methods – Shared Interest Group Miami 1-9 July 2020

Masterclass: 2 July at 4pm – 6 pm UCT/GMT

Masterclass Title:	Quantitative Research: Discrete Choice Modelling
	<p>Professor William Greene New York University (USA) http://people.stern.nyu.edu/wgreene/</p>
Masterclass Lead Introduction:	<p>Professor Agnieszka (Aggie) Chidlow University of Birmingham (UK)</p>
Breakdown of Hours:	<p>The masterclass will take place over 2 hours and will be scheduled as follows:</p> <ol style="list-style-type: none"> 1. Masterclass Lead Introduction (5 min) 2. Masterclass Part 1: (45 min) 3. Break (5 min) 4. Masterclass Part 2: (20 min) 5. Break (5 min) 6. Masterclass Part 3: (25 min) 7. Q&A (15 min)
Target Audience:	<p>AIB members with intermediate to advanced statistical knowledge in empirical modelling.</p> <p>Due to the limited number of places available for this masterclass and as part of the registration process, you will be asked to outline the data collection and quantitative research you are either planning to do or/are currently doing in order to explain your motivation for attending this masterclass.</p>
Summary of Content:	<ol style="list-style-type: none"> 1. Why a masterclass? <ol style="list-style-type: none"> 1.1. Regression and correlation 1.2. Social science modelling with discrete data 1.3. Techniques and results – computations 1.4. What can be learned from social science data? 2. Introduction to topics in the course. <ol style="list-style-type: none"> 2.1. Discrete data: binary, scale, multinomial choice, counts 2.2. Endogeneity, causality and treatment effects 2.3. Attrition and non-random sampling 2.4. Panel data 3. Random utility and binary choice models 4. Scale Variables, ordered discrete outcomes 5. Multinomial outcomes: unordered discrete outcomes 6. Software

<p>Workshop Aims:</p> <p>Readings (●) Online Readings (o) Class Materials (*)</p>	<p>The aim of the masterclass is to examine the theory and some applications of discrete choice models in empirical research. More specifically, based on participation, location decisions and survey data, an analytical attention will be drawn to rigorous application of both binary and discrete models that could be applied in the international business (IB) context. Appropriate model specifications and inference procedures will also be examined. The masterclass is intended for IB scholars interested in the application of discrete choice models in their empirical research.</p> <p>1. Background:</p> <ul style="list-style-type: none">● Greene, W. (2018), <i>Econometric Analysis (8th Ed.)</i>, Prentice Hall Binary Choice.* http://people.stern.nyu.edu/wgreene/AIB/Notes1-BC.pdf* http://people.stern.nyu.edu/wgreene/AIB/Zombies.pptx● Scott, A., Schurer, S., Jensen, P.H., & Sivey, P. (2009). The Effects of an Incentive Program on Quality of Care in Diabetes Management, <i>Health Economics</i>, 18:1091-1108.o http://people.stern.nyu.edu/wgreene/AIB/Scott-et-al-DiabetesTreatment2009.pdf <p>2. Ordered Choice:</p> <ul style="list-style-type: none">* http://people.stern.nyu.edu/wgreene/AIB/Notes2-OC.pdf● Contoyannis, A., Jones, A.M., & Rice, N. (2004) The Dynamics of Health in the British Household Panel Survey, <i>Journal of Applied Econometrics</i>, 19:473-503o http://people.stern.nyu.edu/wgreene/AIB/Contoyannis-et-al-HealthSatisfaction2004.pdf● Gregory, C. & Deb, P. (2015), Does SNAP Improve Your Health?, <i>Food Policy</i>, 50:11-19.o http://people.stern.nyu.edu/wgreene/AIB/Gregory-Deb-SNAP-Bivariate-OP-Probit2015.pdf● Jones, A. & Schurer, S (2011) How Does Heterogeneity Shape the Socioeconomic Gradient in Health Satisfaction? <i>Journal of Applied Econometrics</i>, 26: 549-579.o http://people.stern.nyu.edu/wgreene/AIB/Jones-Schurer-Heterogeneity2011.pdf <p>3. Multinomial Unordered Choice:</p> <ul style="list-style-type: none">* http://people.stern.nyu.edu/wgreene/AIB/Notes3-MNL.pdf● Chidlow, A., Salciuviene, L., Young, S.(2009) Regional Determinants of Inward FDI Distribution in Poland, <i>International Business Review</i>, 18:119-133.o http://people.stern.nyu.edu/wgreene/AIB/Chidlow-et-al-InwardFDI2009.pdf● Chidlow, A., Holmström-Lind, C., Holm, U., & Tallman, S. (2015) Do I Stay or Do I Go? Sub-National Drivers for Post-Entry Development, <i>International Business Review</i>, 24: 266-275.o http://people.stern.nyu.edu/wgreene/AIB/Chidlow-et-al-Development2015.pdf <p>All material can be accessed on the following: http://people.stern.nyu.edu/wgreene/AIB/.</p>
---	---