

Sheng Guo

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EDUCATION	Ph.D.	Economics	University of Chicago	(expected) June 2008
	M.A.	Economics	University of Chicago	June 2007
	B.A.	Economics	Wuhan University	June 1998
FIELDS	Primary:	Applied Econometrics, Macroeconomics, Labor Economics		
	Secondary:	Financial Economics, Population Economics		
JOB MARKET PAPER	“Switching Regression Estimates of Limited Financial Market Participation Models: An Application to Intergenerational Economic Transmission in the United States” (under review) In estimating limited financial market participation models where participation status is imperfectly measured, misclassification error due to presence of measurement error and unobserved heterogeneity will cause attenuation bias in estimates. I reinterpret the problem into a switching regression model with imperfect sample partitioning. The approximate validity of this imperfect measure of true status is essential in model identification. The framework is applied to PSID intergenerational sample to examine how imperfect capital markets in intergenerational human capital investment affect intergenerational consumption persistence and wage persistence. I find that switching regression estimates on consumption differ remarkably from OLS estimates, are more robust and fit data better. Economic interpretations of estimates reveal that about 15% families are borrowing constrained, that constrained families demonstrate higher degree of consumption persistence than unconstrained families, and that the magnitude of this gap is much larger than previous estimates. However, I do not find material difference in wage persistence between these two types of families even by switching regressions.			
OTHER PAPERS	“Switching Regressions and Limited Market Participation Models: Identification, Estimation and Applications”, February 2007 “A Semi-parametric Control Approach to Estimate Causal Effects of Environmental Factors on Life-Cycle Health Outcome”, February 2007 “A Note on the Steady State of Intergenerational Human Capital Investment with Borrowing Constraints”, July 2006 “Inheritance, Borrowing Constraints and Intergenerational Mobility: A Tale of Two Criteria”, February 2006 “Race and Roommate Choice: Changing Networks among University Students” joint with Tanya Menon and Damon Philips, June 2005			
WORK IN PROGRESS	“Rare Events, Culture and Equity Premium: A Cross-Country Investigation” joint with Robert ATRA “Switching Regression Estimates of Elasticity of Intertemporal Substitution: Stockholders versus Non-stockholders”			
RESEARCH AND TEACHING EXPERIENCE	Research Assistant for: Center for Population Economics, 2003 – 2007; D. Gale Johnson, 2001 – 2003 Teaching Assistant for: Population and the Economy/ A Guide to Business Ethics/ Economics and Demographics of Marketing, Robert Fogel, Chicago GSB, 2004 – 2007; Public Policy Analysis, Jim Leitzel, University of Chicago College, 2004; Operations Management, Dan Adelman, Chicago GSB, 2003			
INVITED CONFERENCES	GSOEP and CNEF Data User Conference, Cornell University, Ithaca, NY, September 2007 The 14 th International Conference on Panel Data, Xiamen University, China, July 2007 Far Eastern Meeting of Econometric Society, Institute of Economics, Academia Sinica, Taipei, July 2007 RAND Summer Institute on Demography, Epidemiology and Economics of Aging, July 2005			
FELLOWSHIPS	Chicago Center of Excellence in Health Promotion Economics Dissertation Fellowship, 2005 – 2007 University of Chicago Unendowed Scholarship, 2001 – 2005			
SKILLS	Stata, C++, Matlab, LaTeX			
REFERENCES	Casey Mulligan (Chair)	773-702-6576	c-mulligan@uchicago.edu	
	Robert Fogel	773-702-7709	rwf@cpe.uchicago.edu	
	Susanne Schennach	773-702-8199	smschenn@midway.uchicago.edu	