报告 27

网络形成所引发的局部互补及全面替代效果：公司研究发展网络的应用
Network Formation with Local Complements and Global Substitutes: The Case of R&D Networks

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讲者介绍 Biography

谢志升教授于 2013 年由俄亥俄州州立大学取得经济学博士学位，目前于香港中文大学经济系担任助理教授。他的研究兴趣包含劳动及健康经济学，以及社会网络，尤其专注于建构统计实证模型用于研究社会互动及网络形成。他研究中所使用的实证对象包括学生间的朋友网络，公司间的研发合作网络等。目前他的著作发表于 Journal of Applied Econometrics、Scientific Reports、Journal of Financial Econometrics 及 Academia Economic Papers。

Prof. Chih-Sheng Hsieh obtained his Ph.D. in Economics from the Ohio State University at 2013 and is currently an Assistant Professor in the Department of Economics at the Chinese University of Hong Kong. His research interests span over labor economics, health economics, and social networks. In particular, he works on endogenous selection issues inherited in many of social interaction studies. For example, when studying peer effect on school outcomes such as academic performances or health-related behaviors, e.g. smoking, drinking, etc., based on school friendships, the estimate of peer effect will be upward biased because students choose their own friends. To correct this bias, he proposed a latent variable approach to control individual unobservables which affect both friendship decisions as well as school outcomes. This latent variable approach has shown effectiveness in removing the bias through several simulation designs and empirical studies. Besides, he also studies empirical network formation. He develops an empirical network formation model to accommodate various important features from observed network data, such as homophily in characteristics, behaviors, as well as link dependence. He applies the model to study formation of students' friendship networks and firms' R&D networks. His publications appear in Journal of Applied Econometrics, Scientific Reports, Journal of Financial Econometrics, and Academia Economic papers.