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FIELDS OF INTEREST: Spatial Econometrics, Econometric Theory

DISSERTATION TITLE: *On Refined and Robust Inferences for Spatial Econometric Models*

ADVISOR: Professor Yang Zhenlin

EDUCATION:

- PhD. Economics, ***Singapore Management University,*** July 2016 *(expected).*
- MSc. Econometrics & Mathematical Economics, ***The London School of Economics and Political Science***, 2011.
- BSc. Mathematics & Economics, ***The University of London*** *(International)*, 2009.

FELLOWSHIPS, HONOURS & AWARDS:

- SMU, Presidential Doctoral Fellowship, 2015-2016
- SMU, Research Scholarship, 2011-2015.
- LSE, PJD Wiles Scholarship, 2010-2011.

TEACHING EXPERIENCE:

- Instructor: STAT101, Introductory Statistics, SMU, AY2015/16 term 1 and 2.
- Instructor: PhD. Economics “Math Camp”, SMU, Aug 2013 and 2014.
- Instructor: MSc. Applied Economics “Introductory Mathematics for Economists”, SMU, Jul 2014.

PUBLICATIONS:

- Liu S. F., Yang Z., "Improved Inferences for Spatial Regression Models," ***Regional Science and Urban Economics***, 55, 55-67
- Liu S. F., Yang Z. 2015, "Modified QML Estimation of Spatial Autoregressive Models with Unknown Heteroskedasticity and Normality," ***Regional Science and Urban Economics***, 52, 50-70.
- Liu S. F., Yang Z. 2015, "Asymptotic Distribution and Finite-Sample Bias of QML Estimators for Spatial Error Dependence Model," ***Econometrics***, 3(2), 376-411

PAPERS IN REVIEW:

- Yang Z., Yu J., Liu S. F., "Bias Correction and Refined Inferences for Fixed Effects Spatial Panel Data Models".

WORK-IN-PROGRESS:

- "A Simple and General Method for Heteroskedasticity Robust Estimation for Spatial Econometric Models."

CONFERENCE PRESENTATIONS:

- "*Asymptotic and Finite Sample Properties of QML Estimators for Spatial Error Dependence Models*", presented at The Singapore Economic Review Conference, Singapore, August 6-8, 2013.
- "*Asymptotic and Finite Sample Properties of QML Estimators for Spatial Error Dependence Models*", presented at The Asian Meeting of the Econometric Society, Singapore, August 2-4, 2013.
- *"Modified QML Estimation of Spatial Autoregressive Models with Unknown Heteroskedasticity and Nonnormality",* presented at The 8th World Conference of the Spatial Econometric Association, Zurich, June 11-13, 2014.
- *"Bias Correction and Refined Inferences for Fixed Effects Spatial Panel Data Models"*, presented at the 26th EC^2 Conference – Theory and Practice of Spatial Econometrics, Edinburgh, December 18-19, 2015.

LANGUAGES: English (fluent), Sinhalese (native)

REFERENCES:

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