

Zhijie Xiao

Associate Editor, *Econometrics Reviews*, 2016 Present

Associate Editor, *Economics Letters*, 2013 Present

Associate Editor, *Economics Bulletin*, 2003 Present

Associate Editor, *Journal of Time Series Econometrics*, 2008 Present

Associate Editor, *Journal of Risk and Financial Management*, 2013 Present

Associate Editor, *Statistics and Its Interface*, 2007 2014

Associate Editor, *Econometrics Journal*, 2007 2011

Associate Editor, *Journal of American Statistical Association*, 2005 2010

Guest Editor, *Econometrics Reviews* special issue in honor of Cheng Hsiao, 2021.

Guest Editor, *Econometrics Reviews* special issue in honor of Peter Phillips, 2020.

Guest Editor, *Journal of Econometrics* special issue on Quantile Regression in honor of Roger Koenker, 2018.

Guest Editor, *China Economics Reviews* special issue on Chinese Economics, 2017.

Guest Editor, *Journal of Econometrics* special issue on  $I(1)$ -stationary macro  
, 2012.

Guest Editor, *Journal of Econometrics* special issue on  $I(1)$  models and  
, 2012

Guest Editor, *Journal of Econometrics*  
[Volume 152, Issue 2](#), October, 2009.

Guest Editor, *Probability and Statistics* special issue on Probability and Statistics with Applications  
in Finance and Economics, 2014.

Co-Editor, *Collected Works on System Science and Management Science*, Vol. 1(1991), Vol. 2,  
1992, Xi'an Jiaotong University Press.

Co-Chair, International Conference in Honor of Peter C. B. Phillips, Singapore, 2008.

Scientific Committee (2012 2014), Symposium on Econometric Theory and Applications.

Program Committee Member, The Cambridge/SoFiE thematic conference on the topic: Skewness,  
Heavy Tails, Market Crashes and Dynamics, April 28 29, 2014.

Program Committee Member, The 2015 International Symposium on Econometric Theory and  
Applications, Tokyo, Japan.

Program Committee Member, The 2014 International Symposium on Econometric Theory and  
Applications, Taipei.

Program Committee Member, The 2012 International Symposium on Econometric Theory and  
Applications, Shanghai.



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9. Li, H, and Zhijie Xiao, Bootstrapping Time Series Regressions with Integrated Processes, 2001, *Journal of Time Series Analysis*, 22, No.4, 461-480.
10. Phillips, P.C.B., H. Moon, and Zhijie Xiao, How to Estimate Auto-regressive Roots near Unity, 2001, *Econometric Theory*, Vol. 17, 29-69.
11. Xiao, Zhijie, Likelihood Based Inference in Trending Time Series with a Root Near Unity, 2001, *Econometric Theory* 17, 1082-1112.
12. Linton, O., and Zhijie Xiao, Second Order Approximation for Adaptive Regression Estimators, 2001, *Econometric Theory* 17, 984-1024.
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14. Wu, G., and Zhijie Xiao, A Partial Linear Model of General Asymmetric Volatility, 2002, *Journal of Empirical Finance*, Vol. 9, No. 3, 287-319.
15. Xiao, Zhijie, and O. Linton, A Nonparametrically Prewhitened Covariance Matrix Estimator, 2002, *Journal of Time Series Analysis*, Vol. 23, No. 2, 215-250.
16. Xiao, Zhijie, and P.C.B. Phillips, Higher Order Expansion for Time Series Regressions with Integrated Processes, 2002, *Journal of Econometrics* 108, 157-198.
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24. Koenker, R., and Zhijie Xiao, Unit Root Quantile Regression Inference, *Journal of the American Statistical Association*, 2004, Vol. 99, No. 467, 775-787.
25. Juhl, T., and Zhijie Xiao, Testing for Cointegration Using Partially Linear Models, *Journal of Econometrics*, 2005, Vol. 124, 363-394.
26. Juhl, T., and Zhijie Xiao, A Nonparametric Test for Trend Breaks, *Journal of Econometrics*, 2005, Vol.127, 179-199.
27. Juhl, T., and Zhijie Xiao, Partial Linear Regression with Unit Roots, *Econometric Theory*, 2005, Vol. 21, 877-906.
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37. Juhl, T., and Zhijie Xiao, Tests for Changing Mean with Monotonic Power, *Journal of Econometrics*, 148 (1), p.14-24, Jan 2009.

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41. Su, L., and Zhijie Xiao, Testing Structural Change in Time Series Nonparametric Regression Models, *Statistics and Its Interface*, 2009, Volume 1, Number 2. 347-366
42. Gowlland, C., Zhijie Xiao, and Q. Zeng, Beyond the central Tendency: Quantile Regression as a Tool in Quantitative Investing, *Journal of Portfolio Management*, 2009 Summer, 106 119.
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51. Li, H. and Zhijie Xiao, Weak Instruments Estimation and Inference in the Presence of Parameter Instability, *Econometrics Journal*, Vol. 15, 395-419, 2012.
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68. Xie, F., and Z. Xiao, Square-root lasso for high-dimensional sparse linear system with weakly dependent errors, 2018, Vol. 39, 212-238, *Journal of Time Series Analysis*.
69. Wu, J. and Z. Xiao, Testing for Volatility Changes, 2018, Vol. 21, 192-217, *Econometrics Journal*.
70. Kim, S., Z. Zhao, and Z. Xiao, Efficient estimation for time-varying coefficient longitudinal models, 2018, Volumn 30, Issue 3, 680-702, *Journal of Nonparametric Statistics*.
71. Zheng, Y., Q. Zhu, G. Li and Z. Xiao, Hybrid Quantile Regression Estimation for Time Series Models with Conditional Heteroscedasticity, 2018, November, Volumn 80, Issue 5, page 975-993, *JRSS(B)*.
72. Xiao, Z. L. Xu, What Does Mean Impacts Miss? Distributional Effects of Corporate Diversification, November 2019, Vol 213, Issue 1, 92 - 120, *Journal of Econometrics*.
73. Linton, O. and Zhijie Xiao, Efficient Estimation of Nonparametric Regression in The Presence of Dynamic Heteroskedasticity, December 2019, Vol 213, Issue 2, 608 - 631, *Journal of Econometrics*.
74. Zhu, Q., G. Li, and Z. Xiao, Quantile Estimation of Regression Models with GARCH-X Errors, October 2019, *Statistica Sinica*.
75. Xie, F., and Z. Xiao, - Penalized Maximum Log-likelihood Method, 2020, *Statistical and Probability Letters*.



82. Wu, Jilin, Xiaojun Song, and Zhijie Xiao. "Testing for Trend Specifications in Panel Data Models." *Journal of Business & Economic Statistics* (2022): 1-14.

*Articles in Refereed Journals (in Chinese)*

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5. Zhijie Xiao, Time Series Quantile Regression, *Handbook of Statistics* Vol. 30, 2012.
6. Linton, O., and Z. Xiao, Quantile Regression Applications in Finance, *Handbook of Quantile Regression*, 2017.
7. Xiao, Z., QAR and Quantile Time Series Analysis, *Handbook of Quantile Regression*, 2017.

*Papers Revised and Re-submitted to Journals*

1. Wang, W., Z. Xiao, Y. Ren, X. Yan, A Bi-integrative analysis of two-dimensional heterogeneous panel data models with group and cohort structure recovery, 2021.
2. Zhang, Feipeng, R. Xie, and Z. Xiao, Quantile Regression Kink With an Unknown Threshold
3. Su, L., and Zhijie Xiao, Testing for Structural Change in Conditional Distributions via Quantile Regression.
4. Yanglin Li, Shaoping Wang, Sainan Jin, and Zhijie Xiao, A new test for testing and differentiating explosive/bubble processes
5. Wan, C. and Zhijie Xiao, Pessimistic Portfolio Selection: An Expected Utility Perspective.
6. Wu, Jilin, Xiaojun Song, Zhijie Xiao, Inference in Mildly Integrated Autoregression with Nonstationary Heteroskedasticity.
7. Chen, Qiang, Zhijie Xiao, Qingsong Yao, Robust Nonparametric Confidence Intervals for Treatment Effects in Panel Data Using Random Forest.

5. Wu, J., X. Song, and Z. Xiao, Adaptive estimation of near-stationary autoregression with time-varying variances.
6. Dong, C. R. Chen, W. Liu, and Z. Xiao, Functional Quantile Autoregression.
7. Jianya Lu, Wei Biao Wu, Zhijie Xiao, Lihu Xu, -mixing  
time series in Hilbert space.

### *Working Papers*

1. Chen, X., B. Wang, and Zhijie Xiao, Sieve Copula-Based Time Series With Filtered Nonstationarity.
2. Xiao, Zhijie, Inference on the Quantile Regression Process in Dynamic Models.
3. Xiao, Zhijie, Rank-Based Inference in Nonstationary Time Series.
4. Andrews, D.W.K. and Zhijie Xiao, Zhijie, Prewhitened Moving Block Bootstrap.
5. Qu, Z. B. Wang, and Z. Xiao, Testing for Structural Change with Good Size and Power.
6. Linton, O. and Zhijie Xiao, Nonparametric Regression in The Presence of Dynamic Heteroskedasticity
7. Hong, S. Jiang, Jiang, Xiao, Unified Inference in Semiparametric Regressions.
8. Dai, S., Sim, N., and Z. Xiao, Seemly Irrelevant Instrumental Estimation.
9. J. Lu, Y. Mo, Z. Xiao, AND L. Xu, Distribution Estimation and Change Point Detection for Time Series via DNN-Based GANs

### *Papers Near Completion*

1. Xiao, Zhijie, More Efficient Prediction via Quantile Combination
2. Sim, N. and Zhijie Xiao, Asymmetric Least-Squares Instrumental Variable Estimation.
3. Xiao, Zhijie, Testing for Structural Changes in Conditional Distribution.
4. Wang, H. and Zhijie Xiao, Rank tests for structural changes in time series models.
5. Sim, N. and Zhijie Xiao, Seemly Irrelevant Instrumental Variable Estimation.

*Doctoral Dissertation Committees*

Names

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|-------------------|------------------|-----------------------|------------------|
| Ted Juhl          | Hernan Rincon    | Arturo Jose Galindo   | Ana Complela     |
| Gamini Premaratne | Lin Zhang        | Andre H. Barreto      | Brian Wicker     |
| Michael McAvoy    | Roberto Perrolli | Luiz R. Oliveira Lima | Tuckchung Lee    |
| Aurobindo Ghosh   | Marcelo Mello    | Lingjie Ma            | Luyang Fu        |
| Dingkun Ge        | Pavel Kapinos    | Pradosh Simlai        | Zhihong Chen     |
| Todd Prono        | Alex Chang       | Chi Wan               | Nicolas Sim      |
| Yingying Dong     | Chunhua Lan      | Yi Shang              | Hongtao Zhou     |
| Chuanliang Jiang  | Xinhao Dong      | Chuanqi Zhu           | Naijing Huang    |
| Jinhang Cai       | Wen Zhang        | Yubang Tian           | Bo Wang          |
| Francesca Toscano | Mehmet Ezer      | Michael F. Connolly   | Lia (Liang) Ying |
| Zitong Liu        | Liyang Hong      | Yushan Hu             | Xiaoying Lan     |
| Qingsong Yao      | Deyin Jia        | Shengtao Dai          |                  |