

# Wang Shu Jia

## Contact Information

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## Education

Ph.D. The Chinese University of Hong Kong (Statistics), 1995.

M.Sc. Southeast University (Statistics), 1988.

B. Sc. Peking University (Mathematics), 1981.

## Experience

1997 - present, Associate Professor, Director of the Institute of Statistics, Department of Statistics, School of Economics, Shenzhen University.

1996-1997, Postdoctoral researcher, Department of Statistics, The Chinese University of Hong Kong.

1988 - 1990, Lecturer, Department of Applied Mathematics, Shenzhen University.

## Publications

1. Wang, S.J. and Lee, S.Y. A geometric approach of the generalized least squares estimation in analysis of covariance structures. *Statistics and Probability Letters*, 1995, 24, 39-47.
2. Lee, S.Y. and Wang, S.J. Sensitivity analysis of structural equation models. *Psychometrika*, 1996, Vol. 61, No.1, 93-108.
3. Wang, S.J. and Lee, S.Y. Sensitivity analysis of structural equation models with equality functional constraints. *Computational Statistics and Data Analysis*. 1996, 23, 239-256.
4. Wang Shujia and Ding Fan. Estimation and asymptotic properties of two-level structural equation model. *Journal of Shenzhen University*, 1997, 14 (1), 55-62.
5. Wang Shujia. Information loss of structural equation models. *Journal of Shenzhen University*, 1997, 14 (2~3), 8-12.
6. Poon, W.Y., Wang, S.J. and Lee, S.J. Sensitivity analysis of structural equation models with polytomous variables. *Psychometrika*. 1999, Vol. 64, No. 4, 461-473.

7. Wei Bocheng and Wang Shujia, Dual geometric method for quasi-likelihood estimation in covariance structural analysis. *Chinese Annals of Mathematics*, 23A: 4, 2002, 439-446.
8. Poon, W.Y., Tang, M.L. and Wang S.J. Influence Measures in Contingency Table with Application in Sampling zeros. *Journal of Sociological Methods & Research* Vol 31, No.4, 2003, 439-452.
9. Zhang, H.S, Wang, S.J., Rao, W., and Song H.T., Development of magnetic homogeneous enzyme-linked immunoanalyzer, *Analytical Instrument*, No.4, 2003
10. Han Biao, Wang Shujia, Wang Ying, Wang Jiang, Exploration of car demand scale in Shenzhen, *Special Zone Economy*, No.1, 2005.
11. Wang Shujia and Han Jingtao: Tax theory judgment on economic development and industrial structure of Shenzhen, *Special Zone Economy*, no.10, 2006
12. Wang Shujia, Chen Junfeng, Li Sha, Development advantages, challenges and countermeasures of knowledge-based service industry in Guangdong province, *Times of Economics*, Beijing: *Social Sciences Academic Press*, 2007.
13. Wang S.J. Shen, Z.H. and Gong, X., Measurement and comparison standard of urban taxi demand, *Special Zone Economy*, no.7, 2009.

## **Books**

- Wang Shujia, Du Ting, Yang Guanghui, Business decision making: modeling and information technology, *Peking University press*, 2013.
- Wang Xiaofeng, Zhang Zhirang, Wang Shujia and Xie Wanwen, Linear Algebra and its Applications. *Shandong Science and Technology Press*, 2002.

## **Projects**

1. Structural equation model under abnormal data, National Ministry of Education "scientific research foundation for returnees", 1998.
2. Shenzhen quality and technical supervision bureau quality assurance center "Shenzhen retail customer satisfaction evaluation", 2002.
3. Technical director of the research group of "Shenzhen (industrial) macro quality index", 2003.
4. Analysis of covariance structure in behavioral science, funded by the University of Shenzhen, 2004.
5. Participated in the completion of the soft project "Policy research on entrepreneurship environment of Shenzhen overseas returnees" (main member) by Shenzhen science and technology bureau, and won the third prize of excellent achievements in philosophy and social sciences of Guangdong province, 2004.
6. Undertook the soft science research project "Development strategy research of knowledge-based service industry in Guangdong province", 2005.

7. Participated in the major research project of Shenzhen Municipal Party Committee and Government, "Tax research on Shenzhen's economic development and industrial structure adjustment", 2006.
8. Shenzhen quality assurance center project "Government decision-making strategy of taxi market", 2007.
9. Participated in the formulation of the technical specification of Shenzhen Special Economic Zone "Judgment on the addition amount of specific detergents in vehicle gasoline" (SZJG 25-2007).
10. The united front work department of Nanshan District Party Committee Investigated Project "Ideas and countermeasures for the adjustment and optimization of industrial structure in Nanshan District", 2008.
11. Guangdong provincial committee of civil construction commission project "Pearl river delta industry specialization and differentiation strategy", 2009.
12. Guided the completion of the research project of Nanshan District People's Congress (sub-project of Shenzhen people's congress) "Development report of small and medium-sized enterprises in Nanshan District of Shenzhen", 2010.