

Changxuan Mao

Education

- 2001-2002 University of California, Berkeley, USA
- 1998-2001 Pennsylvania State University, USA, Ph. D in Statistics
- 1996-1998 Fudan University, China
- 1992-1998 Nanjing University of Science and Technology, B.S. in Mathematics

Working experience

- 2020-2023 Professor of Statistics, Shanghai Business School, China
- 2010-2016 Professor of Statistics, Shanghai University of Finance and Economics, China
- 2008-2010 Principal Member of Technical Staff, AT&T Labs-Research, USA
- 2002-2007 Assistant Professor of Statistics, University of California, Riverside, USA

Selected publications

1. Chang Xuan Mao, Ruochen Huang, and Sijia Zhang. Petersen estimator, Chapman adjustment, list effects, and heterogeneity. In: *Biometrics*, 73 (2017), 167–173.
2. Chang Xuan Mao, Sijia Zhang and Zhilin Liao. On the asymptotic variance of the Chao estimator for species richness estimation. In: *Statistica Sinica*, 27(2017), 1193–1203.
3. Chang Cui, Chang Xuan Mao, Jinhua Zhong, Wei Zhuang. On the residual plot in a mixture model. In: *Journal of Agricultural, Biological, and Environmental Statistics*, 20 (2015), 218–228.
4. Chang Xuan Mao, Nan Yang, and Jinhua Zhong. On population size estimators in the Poisson mixture model. In: *Biometrics*, 69 (2013), 758–765.
5. Chang Xuan Mao and Jun Li. Simultaneous Confidence Inference on Species Accumulation Curves. In: *Journal of Agricultural, Biological, and Environmental Statistics*, 17 (2012), 1–14.

6. Chang Xuan Mao and Jun Li. Comparing species assemblages via species accumulation curves. In: *Biometrics*, 65 (2009), 1063–1067.
7. Chang Xuan Mao and Na You. On comparison of mixture models for closed population capture–recapture studies. In: *Biometrics*, 65 (2009), 547–553.
8. Na You and Chang Xuan Mao. Population Size Estimation in a Two-List Surveillance System with a Discrete Covariate. In: *Biometrics*, 64, (2008), 371–376.
9. Chang Xuan Mao. On the non-identifiability of population sizes. In: *Biometrics*, 64 (2008), 977–979.
10. Chang Xuan Mao and Bruce G. Lindsay. Estimating the number of classes. In: *Annals of Statistics*, 35 (2007), 917–930.
11. Chang Xuan Mao. Estimating species accumulation curves and diversity indices. In: *Statistica Sinica*, 17 (2007), 761–774.
12. Chang Xuan Mao. Inference on the number of species through geometric lower bounds. In: *Journal of the American Statistical Association*, 101 (2006), 1663–1670.
13. Chang Xuan Mao, Robert K. Colwell, and Jing Chang. Estimating the species accumulation curve using mixtures. In: *Biometrics*, 61 (2005), 433–441.
14. Chang Xuan Mao and Robert K. Colwell. Estimation of species richness: mixture models, the role of rare species, and inferential challenges. In: *Ecology*, 86 (2005), 1143–1153.
15. Chang Xuan Mao. Predicting the conditional probability of discovering a new class. In: *Journal of the American Statistical Association*, 99 (2004), 1108–1118.
16. Chang Xuan Mao and Bruce G. Lindsay. A Poisson model for the coverage problem with a genomic application. In: *Biometrika*, 89 (2002), 669–682.