# 已发表的文章

1. Cui WenQuan, Ying Zhiliang, Zhao Lincheng (2012) . A simple construction of optimal estimation in multivariate marginal Cox regression. *Science in China, Math.*, Vol. 55, 1827-1831.

2. Zhan Feng Wang, Yao Hua Wu and Lin Cheng Zhao (2010). A Lasso-type approach to variable selection and estimation for censored regression model. *Chin. J. Applied Probab. Statist.*, Vol. 26, No. 1, 66-80.

3. Jinfeng Xu, Lincheng Zhao and Chenlei Leng (2009). Statistical Inference for induced L-statistics: a random perturbation approach. *J. Nonparametric Statist.*, Vol. 21, No. 7, 863-876.

4. Zhan Feng Wang, Yao Hua Wu and Lin Cheng Zhao (2009). Approximation by randomly weighting method in censored regression model. *Science in China, Math.*, Vol. 52, No. 3, 561-576.

5. Kani Chen, Zhiliang Ying, Hong Zhang and Lincheng Zhao (2008). Analysis of least absolute deviation. *Biometrika*, Vol. 95, No. 1, 107-122.

6. Guanqun Cao, Zhanfeng Wang, Yaohua Wu and Lincheng Zhao (2008). Inference of change-point in single index models. *Science in China, Ser. A: Mathematics*, Vol. 51, No. 10, 1855-1870.

7. Lincheng Zhao, Xiaoyan Wu and Yaning Yang (2008). Approximating null distribution of M-test statistics in linear models. *Chin. J. Applied Probab. Statist.*, Vol. 24, No. 4, 407-420.

8. Changming Yin, Hong Zhang and Lincheng Zhao (2008). Rate of strong consistency of maximum quasi-likelihood estimator in multivariate generalized linear models. *Commun.in Statist.-Theory and methods*, Vol.37, 3115-3123.

9. Zhan Feng Wang, Yao Hua Wu and Lin Cheng Zhao (2008). Nonparametric inference in a simple change-point model. *Acta Math. Sinica, English Ser.*, Vol. 24, No. 9, 1483-1496.

10. Tan, C. C., Zhao L. C. and Miao, B. Q. (2007). Inference and application in finance of $\Gamma$-distribution with at most one change-point. *Journal of Systems Science and Mathematical Sciences*, Vol. 27, No.1, 2-10 (in Chinese).

11. Yin, C. M. and Zhao L. C. (2007). Asymptotic testing theory for generalized linear models. *Journal of Systems Science and Mathematical Sciences*, Vol. 27, No.1, 145-151 (in Chinese).

12. Zhan-feng Wang, Yao-hua Wu and Lin-cheng Zhao (2007). Change-point estimation for censored regression model. *Science in China, Ser. A: Mathematics*, Vol. 50, No. 1, 63-72.

13. Xiao-yan Wu, Ya-ning Yang and Lin-cheng Zhao (2007). Approximation by random weighting method for M-test in linear models. *Science in China, Ser. A: Mathematics*, Vol. 50, No. 1, 87-99.

14. Fang, Y. X. and Zhao, L. C. (2006). Approximation to the Distribution of LAD Estimators for Censored Regression by Random Weighting Method. *J. Statist. Planning and Inference*, Vol. 136, 1302-1316.

15. Dorea, C. C. Y. and Zhao, L. C. (2006). Exponential bounds for the probability of wrong determination of the order of a Markov chain by using the EDC criterion. *J. Statist. Planning and Inference*, Vol. 136, 3689-3697.

16. Min Yuan, Lincheng Zhao and Yaohua Wu (2006). Smoothed maximum score change-point estimation in binary response model. *Acta Math. Appl. Sinica*, English Ser. Vol. 22, 655-662.

17. Lincheng Zhao, Chaofeng Kou and Yaohua Wu (2006). Maximum score Change-point estimation in binary response model. *J. Systems Science and Complexity*, Vol. 19, 386-392.

18. YIN Changming, ZHAO Lincheng and WEI Chengdong (2006). Asymptotic normality and strong consistency of maximum quasi-likelihood estimates in generalized linear models. *Science in China, Ser. A, Mathematics,* Vol.49, No.2, 145-157 (English Ed.);

    Yin Changming and Zhao Lincheng (2005). Asymptotic normality and strong consistency of maximum quasi-likelihood estimates in generalized linear models. *Science in China, Ser. A, Mathematics,* Vol. 35, No. 11, 1236-1250 (Chinese Ed.);

19. Cui Wenquan, Zhao Lincheng and Bai Zhidong (2005). On asymptotic joint distributions of eigenvalues of random matrices which arise from components of covariance model. *J. Systems Science and Complexity*, Vol. 18, No.1, 126-134.

20. Zhao Lincheng and Yin Changming (2005). Strong consistency of maximum quasi-likelihood estimates in generalized linear models. *Science in China, Ser. A, Mathematics,* Vol. 35, No. 3, 312-317 (Chinese Ed.).

    Yin Changming and Zhao Lincheng (2005). Strong consistency of maximum quasi-likelihood estimates in generalized linear models. *Science in China, Ser. A, Mathematics,* Vol. 48, No. 8, 1009-1014 (English Ed.).

21. Fang Yixin, Jin Man and Zhao Lincheng (2005). Strong convergence of LAD estimates in a censored regression model. *Science in China, Ser. A, Mathematics,* Vol. 48, No. 2, 155-168.

22. Man Jin, Yixing Fang and Lincheng Zhao (2005). Variable selection in generalized linear models with canonical link functions. *Statistics & Probability Letters*, Vol. 71, 371-382.

23. Jin Man, Fang Yixin and Zhao Lincheng (2005). Variable selection for censored regression models. *Chin. J. Applied Probab. Statist.*, Vol. 21, No. 2, 141-149.

24. Changming Yin, Lincheng Zhao (2005). Strong consistency and asymptotic normality of maximum likelihood estimates in generalized linear models. *Chin. J. Applied Probab. Statist.*, Vol. 21, No. 3, 249-260.

25. Zhao, L. C. (2004). Linear hypothesis testing in censored regression models. *Statistica Sinica*, Vol. 14, No. 1, 333-347.

26. Zhao, L. C., Wu, C. Q. and Wang, Q. (2004). Berry-Esseen bound for a sample sum from a finite set of independent random variables. *J. Theoret. Probab.*, Vol. 17, No. 3, 557-572.

27. Zhao Lincheng and Fang Yixin (2004). Random weighting method for censored regression model. *J. Systems Science and Complexity*, Vol. 17, No.2, 262-270.

28. Zhang Hong and Zhao Lincheng (2004). Testing association for a quantitative trait locus using discordant sibship data. *Chin. J. Applied Probab. Statist.*, Vol. 20, No. 3, 234-248.

29. Wang Qinghua, Wu Chengqing and Zhao Lincheng (2004). Asymptotic probability of model selection in the logistic regression model. *Chin. J. Applied Probab. Statist.*, Vol. 20, No. 4, 441-445.

30. Wu, C. Q., Zhao, L. C. and Wu, Y. H. (2003). Estimation in change-point hazard function models. *Statistics & Probability Letters*, Vol. 63, 41-48.

31. Miao Baiqi, Zhao Lincheng and Tan Zhiping (2003). On detection and estimation of change points. *Acta Mathematicae Applicatae Sinica*, Vol. 26, No. 1, 26-39.

32. Zhao Lincheng and Xu Jinfeng (2003). Weak convergence of weighted empirical cumulative quantile regression functions. *Chin. J. Applied Probab. Statist.*, Vol. 19, No. 2, 161-166.

33. Wang Xiaoming, Zhao Lincheng (2003). A law of logarithm for kernel estimate of directional data. *Acta Mathematica Sinica*, Chinese Edition, Vol. 46, No. 5, 865-874.

34. Zhao Lincheng and Zhang Hong (2003). Model selection for log-linear models of contingency tables. *J. Systems Science and Complexity*, Vol.16, No.2, 249-259.

35. Dorea, C. C. Y. and Zhao, L. C. (2002). Nonparametric density estimation in hidden Markov models. *Statist. Infer. for Stochastic Processes*, Vol. 5, 55-64.

36. Zhao Lincheng (2002). Strong consistency of M-estimates in linear models. *Science in China*, Ser. A, Vol. 45, No.11, 1420-1427.

37. Lincheng Zhao and Limin Peng (2002). Model selection under order restriction. *Statistics & Probability Letters*, Vol. 57, 301-306.

38. Wu, C. Q. and Zhao, L. C. (2002). Exponential bounds for integrated absolute errors of kernel estimates of density functions in Markov chains. *JCSA*, (in Chinese), Vol. 40, 215-218.

39. Chen Chun and Zhao Lincheng (2002). Detection of the rank of regression coefficient matrix by M-method. *Chin. J. Applied Probab. Statist.*, Vol. 18, 43-50.

40. Lincheng Zhao and Guoqing Diao (2002). Strong convergence of modified partitioning estimates of nonparametric regression functions. *Chin. J. Applied Probab. Statist.*, Vol. 18, No. 2, 192-196.

41. Zhao Lincheng and Wu Chengqing (2001). Central limit theorem for integrated square error of kernel estimators of spherical density. *Science in China*, Ser. A, Vol. 31, No. 1, 18-27(Chinese Edition); Vol. 44, No. 4, 474-483(English Edition).

42. Zhao L. C. and Zhang H. (2001). A Central Limit Theorem for Testing Exponentiality, *Communications in Statistics: Theory and Methods*, Vol. 30, No. 6, 1163-1170.

43. Zhao Lincheng, Wang Xuena and Wu Yaohua (2001). Inference on the rank of the growth curve model using model selection method. *Journal of Systems Science and Complexity*, Vol. 14, No.2, 218-224.

44. Wang Xiaoming and Zhao Lincheng (2001). Laws of the iterated logarithm for kernel estimator of density function of spherical data. *J. Sys. Sci. & Math. Scis.* (in Chinese), Vol. 21, No. 3, 264-273.

45. Zhao, L. C., Dorea, C. C. Y. and Gonçalves, C. R. (2001). On determination of the order of a Markov chain. *Statist. Infer. for Stochastic Processes*, Vol. 4, 273-282.

46. Zhao Lincheng, Peng Limin and Wu Yaohua (2001). Model selection for canonical correlation analysis. *Acta Math. Applicatae Sinica*, Vol.17, 539-549.

47. Chengqing Wu and Lincheng Zhao(2001). Limit Theorem for Integrated Square Error of Orthogonal Series Density Estimators. Journal of USTC, Vol. 31, No.4, 407-411.

48. Qin Yongsong and Zhao Lincheng (2000). Empirical likelihood ratio confidence intervals for various differences of two populations. *System Science and Mathematical Sciences*. Vol. 13, 23-30.

49. Zhao Lincheng, Wang Xiaoming and Wu Yaohua. (2000). Strong consistency of the nearest neighbor estimates of low dimensional component in additive models. *J. of China Univ. of Science and Technology* (In Chinese). Vol.30, 1-9.

50. Zhao, L. C. (2000). Some contributions to M-estimation in linear models. *J. Statist. Planning and Inference*, Vol. 88, 189-203.

51. Wang, Q. Y., Jing, B. Y. and Zhao, L. C. (2000). The Berry-Esséen bound for Studentized statistics. *Ann. Probability*, Vol. 28, No. 1, 511-535.

52. Wang Xiaoming, Zhao Lincheng and Wu Yaohua (2000). Distribution free laws of the iterated logarithm for kernel estimator of regression function based on directional data. *Chin. Ann. of Math.*, Ser. B, Vol. 21, No. 4, 489-498.

53. Wu Yaohua and Zhao Lincheng (1999). A large sample study of randomly weighted bootstrap in linear models. *Science in China*, Ser. A, Chinese Ed., Vol. 29, No. 7, 616-624; English Ed., Vol. 42, No. 10, 1066-1074.

54. Bai, Z. D., Rao, C. R., Wu, Y., Zen, M. M. and Zhao, L. C.(1999). The simultaneous estimation of the number of signals and frequencies of multiple sinusoids when some observations are missing: I. Asymptotics. *Proc. Natl. Acad. Sci. USA*, Vol. 96,11106-11110.

55. Dorea, C. C. Y. and Zhao, L. C.(1999). Convergence of a random algorithm for function optimization. *Numerical Functional Analysis and Optimization.* Vol. 20, 825-833.

56. Qin Yongsong and Zhao Lincheng (1998). Semi-empirical likelihood ratio tests for the difference of the two sample quantiles. (in Chinese) Acta Math. Appl. Sinica, Vol. 21, No. 1, 103-112.

57. Miao, B. Q., Wu, Y. and Zhao, L. C. (1998). On strong consistency of a 2-dimensional frequency estimation algorithm. *Statistica Sinica*, Vol. 8, 559-570.

58. Wu Yaohua and Zhao Lincheng (1998). Asymptotic efficiency of randomly weighted bootstrap for linear models. *Chinese Science Bulletin*, Chinese Edition, Vol. 43, No. 6, 586-588; English Edition, Vol. 43, No. 9, 711-713.

59. Qin Yongsong and Zhao Lincheng (1998). Empirical likelihood estimates and their asymptotic distributions for functionals in biased sampling models. (in Chinese) Acta Mathematicae Applicatae Sinica, Vol. 21, No. 3, 428-436.

60. Rao, C. R. and Zhao, L. C. (1997). A limiting distribution theorem. *Festschrift for Lucien Le Cam: Research Papers in Probability and Statistics*, Ed. Pollard, D., Torgersen, E. and Yang, G. L. Springer-Verlag, New York, 325–335.

61. Zhao Lincheng, Bai Zhidong, Chao Chern-Ching and Liang Wen-Qi (1997). Error bound in a central limit theorem of double-indexed permitation statistics. *Ann Statist.*, Vol. 25, No.5, 2210-2227.

62. Qin Yongsong and Zhao Lincheng (1997). Semi-empirical likelihood ratio confidence intervals for the difference of two population quantiles. Ann. Math., Ser. A (in Chinese), Vol. 18, 687-694.

63. Su Chun, Zhao Lincheng and Wang Yuebao. Moment inequalities and Weak convergence for negatively associated sequences. *Science in China*, Ser. A, Chinese Ed. Vol. 26 (1996), No. 12, 1091–1099; English Ed., Vol. 40 (1997), No. 2, 172–182.

64. Rao, C. R. and Zhao, L. C. (1996). Law of the iterated logarithm for empirical cumulative quantile regression functions. *Statisica Sinica*, Vol. 6, 693–702.

65. Chao Cher-Ching, Zhao Lincheng and Ling Wen-Qi(1996). Estimating the error of a permutational central limit theorem. *Probab. Engineer. Inform. Sciences*, Vol. 10, 533-541.

66. Chen Xiru, Wu Yuehua and Zhao Lincheng (1996). A necessary condition for the consistency of LAD estimate. *Acta Mathematica Sinica*, New Ser., Vol.12, 292-297.

67. Chen, X. R.and Zhao, L. C. (1995). Strong consistency of M-estimates of multiple regression coefficients. *Systems Science and Mathematical Sciences*, Vol. 8, No. 1, 82–87.

68. Rao, C. R. and Zhao, L. C. (1995). Convergence theorems for empirical cumulative quantile regression functions. *Mathematical Methods of Statistics*, Vol. 4, No. 1, 81–91.

    Correction.*Math. Meth. Statist.*, Vol. 4, No. 3, p. 359.

69. Rao, C. R. and Zhao, L. C. (1995). Recent contributions to censored regression models. *Metrika*, Vol. 42, 203–213.

70. Rao, C. R. and Zhao, L. C. (1995). Strassen's law of the iterated logarithm for the Lorenz curves. *J. Multivariate Analysis*, Vol. 54, No. 2, 239–252.

71. Chen, X. R., Wu, Y. and Zhao, L. C. (1995). A necessary condition for the consistency of $L_1$ estimates in linear models. *Sankhyā*, Ser. A, Vol. 57, 384–392.

72. Rao, C. R. Zhang, L. and Zhao, L. C. (1994). Multitarget angle tracking: an algorithm for data association. *IEEE Trans. Signal Processing*, Vol. 42, No. 2, 459–462.

73. Rao, C. R. and Zhao, L. C. (1994). Berry-Esseen bounds for finite-popilation t-statistics. *Statist. Probab. Letters*, Vol. 21, 409–416.

74. Bai, Z. D., Chen, X. R., Krishnaiah, P. R. and Zhao, L. C. (1994). Asymptotic properties of EVLP estimation for superimposed exponential signals in noise. *Chin. J. Applied Probab. Statist.*, Vol. 10, No. 2, 146–163.

75. Gao, J. T., Chen, X. R. and Zhao, L. C. (1994). Asymptotic normality of a class of estimators in partial linear models. *Acta Mathematica Sinica*, Vol. 37, No. 2, 256–268 (in Chinese).

76. Rao, C. R., Zhao, L. C. and Zhou, Bin. (1994). Maximum likelihood estimation of 2-D superimposed exponential signals. *IEEE Trans. Signal Processing*, Vol. 42, No. 7, 1795–1802.

77. Gao Jiti and Zhao Lincheng. Adaptive estimation in partly linear regression models. Science in China, Ser. A, Chinese Ed., Vol. 22 (1992), No. 8, 791-803; English Ed., Vol. 36 (1993), No. 1, 14-27.

78. Chen, X. R., Zhao, L. C. and Wu, Y. H. (1993). On conditions of consistency of $ML_1N$ estimates. *Statistica Sinica*, Vol. 3, 9–18.

79. Bai, Z. D., Rao, C. Radhakrishna and Zhao, L. C. (1993). MANOVA type tests under a convex discrepancy for the standard multivariate linear model. *J. Statistical Planning and Inference*, Vol. 36, 77–90.

80. Zhao, L. C., Rao, C. Radhakrishna and Chen, X. R. (1993). A note on the consistency of M-estimates in linear models. *Stochastic Processes* (ed. Cambanis, S. et al.). Springer-Verlag, New York, pp. 359–367.

81. Rao, C. Radhakrishna and Zhao, L. C. (1993). Asymptotic behavior of maximum likelihood estimates of superimposed exponential signals. *IEEE Transaction on Signal processing*, Vol. 41, 1461–1464.

82. Rao, C. Radhakrishna, Zhang, Lu and Zhao, L. C. (1993). Multiple target angle tracking using sensor array outputs. *IEEE Transactions on Aerospace and Electronic Systems*, Vol. 29, 268–271.

83. Rao, C. R., Zhang, Lu and Zhao, L. C. (1993). New algorithm for multitarget angle tracking. *IEE Proceedings-F*, Vol. 140, No. 5, 335–338.

84. Rao, C. R. and Zhao, L. C. (1993). Asymptotic normality of LAD estimator in censored regression models. *Math. Methods of Statistics*, Vol.2, No. 3, 228–239.

85. Fu, J. C., Li, Gang and Zhao, L. C. (1993). On large deviation expansion of distribution of maximum likelihood estimator and its application in large sample estimation. *Ann. Inst. Statist. Math.*, Vol. 45, No. 3, 477–493.

86. Miao, B. Q. and Zhao, L. C. (1993). On detection of change points when the number is unknown. *Chin. J. Appl. Probab. Statist.*, Vol. 9, 138–145.

87. Miao, B. Q. and Zhao, L. C. and Krishnaiah, P. R. (1993). On detection of change points using mean vectors. *Acta Mathematicae Applicatae Sinica*, Vol. 9, No. 3, 193–203.

88. Rao, C. R. Zhao, L. C. and Zhou, B. (1993), A novel algorithm for 2-dimensional frequency estimation. *Conference Record of the Twenty-Seventh Asilomar Conference on Signals, Systems & Computers*, Ed. Singh, A., IEEE Computer Society Press, Los Alamitos, California. Vol. 1 of 2, 199–202.

89. Rao, C. Radhakrishna and Zhao, L. C. (1992). Linear representation of M-estimates in linear models. *Canadian. J. Statistics*, Vol. 20, 359–368.

90. Rao, C. Radhakrishna and Zhao, L. C. (1992). On the consistency of M-estimate in a linear model obtained through an estimating equation. *Statist. probab. Letters*, Vol. 14, 79–84.

91. Rao, C. Radhakrishna and Zhao, L. C. (1992). Approximation to the distributions of M-estimates in linear models by randomly weighted bootstrap. *Sankhyā*, Ser. A, Vol. 54, 323–331.

92. Zhao, Lincheng (1992). On jackknifing the sample median. Probability and Statistics:*proceedings of the Special Program at Nankai Institute of Math.* (August 1988 - May, 1989), Ed. Jiang Ze-Pei et al. World Scientific, Singapore, pp. 270–282.

93. Chen, X. R., Bai, Z. D., Zhao, L. C. and Wu, Y. H. (1992). Consistency of minimum $L_1$-norm estimates in linear models.*The Development of Statistics: Recent Contributions from China*, Ed. Chen, X. R, Fang, K. T. and Yang, C. C. Longman Scientific and Technical, Essex, England, pp. 249–260.

94. Chen, G. J. and Zhao, L. C. (1992). Some contributions of Chinese statisticians to the asymptotic theoery of inferences in linear models. ibid. pp. 63–78.

95. Zhao, L. C. and Chai, G. X. (1992). Survey of Chinese work on nonprametric density estimation, regression and discrimination. ibid. pp. 199–217.

96. Bai, Z. D., Krishnaiah, P.R., Sambamoorthi, N. and Zhao, L. C. Model selection for Log-linear models. *Sankhyā*, Ser. B Vol. 54 (1992), 200–219.

97. Bai, Zhidong, Krishnaiah, P. R. and Zhao, Lincheng. (1991). Variable selection in logistic regression. *J. China Univ. of Science and Technology*, Vol. 21, No. 2, 137–145.

98. Bai, Z. D., Chen, X. R., Krishnaiah, P. R., Wu, Y. H. and Zhao, L. C. (1991). Strong consistency of maximum likelihood parameter estimation of superimposed exponential signals in noise. *Theory probab. Appl.*, Vol. 36, No. 2, 392–397.

99. Zhao, Lincheng, Rao, C. R. and Chen, Xiru. Sufficient condition on the consistency of M-estimates in linear models. *The Fourth China-Japan Symposium on Statistis*, 1991. Kunming, 487–490.

100. Zhao, L. C. and Chen, X. R. (1991). Asymptotic behavior of M-test statistics in linear models. *J. Combin. lnform. System Sci.*, Vol. 16, No. 2-3, 234–248.

101. Chen, X. R., Bai, Z. D., Zhao, L. C. and Wu, Y. H. Asymptotic normality of minimum $L_1$-norm estimates in linear models. *Science in China*, Ser. A, Chinese Ed., Vol. 20 (1990), No. 5, 449-463; English Ed., Vol. 33 (1990), No. 11, 1311–1328.

102. Chen, X. R. and Zhao, L. C. (1990). Necessary and sufficient conditions for the convergence of integrated and mean-integrated r-th order error of histogram density estimates. *Acta. Mathematia Sinica*, New Ser. Vol.6, No. 2, 178–188.

103. Krishnaiah, P. R., Miao, B. Q. and Zhao, L. C. (1990). Local likelihood method in the problems related to change points. *Chinese Ann. Math.*, Ser. B, Vol. 11, No. 3, 363–375.

104. Zhao, Lincheng and Chen, Xiru (1990). Normal approximation for finite-population U-statistics. *Acta Math. Appl. Sinica*, Vol. 6, No. 3, 263–272.

105. Zhao, L. C., Krishnaiah, P. R. and Chen, X. R. (1990). Almost sure $L_r$-norm convergence for data-based histogram density estimates. *Theory probab. Appl.*, Vol. 35, No. 2, 391–397.

106. Miao Baiqi and Zhao Lincheng (1989). Non-uniform bounds of normal approximation for finite-population U-statistics (1). *J. China Univ. of Science and Technology*, Vol. 19, No. 1, 25–37.

107. Miao Baiqi and Zhao Lincheng (1989). Non-uniform bounds of normal approximation for finite-population U-statsitics (2). *J. China Univ. of Science and Technology*, Vol. 19, No. 2, 147–156.

108. Bai, Z. D., Krishnaiah, P. R., Rao, C. R., Sun, Y. N. and Zhao, L. C. (1989). Reconstruction of the shape and size of objects from two orthogonal projections. *Math. Comput. Modelling*, Vol. 12, No. 3, 267–275.

109. Zhao, L. C. (1989). Exponential bounds of mean error for the kernel estimates of regression functions. *J. Multivariate Anal.*, Vol. 29, No. 2, 260–273.

110. Taniguchi, M., Zhao, L. C., Krishnaiah, P. R. and Bai, Z. D. (1989). Statistical analysis of dyadic stationary processes. *Ann. Inst. Statist. Math.*, Vol. 41, No. 2, 205–225.

111. Bai, Z. D., Krishnaiah, P. R. and Zhao, L. C. (1989). On rates of convergence of efficient detection criteria in signal processing with white noise. *IEEE Transactions on Information Theory*, Vol. 35, No. 2, 380–388.

112. Bai, Z. D., Krishnaiah, P. R., Rao, C. R., Reddy, P. S., Sun, Y. N. and Zhao, L. C. (1989). Reconstruction of the left ventricle from two orthogonal projections. *Computer Vision, Graphics and Image Processing*, Vol. 47, 165–188.

113. Zhao Lincheng (1988). An inequality concerning the deviation between theoretical and empirical distributions. *Chinese Ann. Math.*, Ser. B, Vol. 9, No. 2, 189–195 (in English).

114. Zhao Lincheng (1988). On unbiasedness of probability density function. *J. China Univ. of Science and Technology*, Vol. 18, No. 2, 145–149 (in Chinese).

115. Bai, Z. D., Krishnaiah, P. R. and Zhao, L. C. (1988). Multivariate components of covariance model in unbalanced case. *Commun. Statist.-Theory Meth.*, Vol. 17, No. 4, 1311–1324.

116. Bai, Z. D., Rao, C. R. and Zhao, L. C. (1988). Kernel estimators of density function of directional data. *J. Multivariate Anal.*, Vol. 27, No. 1, 24–39.

117. Bai, Z. D., Subramanyam, K. and Zhao, L. C. (1988). On detection of the order of an autoregressive model. *J. Multivariate Anal.*, Vol. 27, No. 1, 40–52.

118. Miao, B. Q. and Zhao, L. C. (1988). Detection of change points using rank methods. *Commun. Statist.-Theory Meth.*, Vol. 17, No. 9, 3207–3217.

119. Zhao Lincheng (1988). Some applications of the model selection techniques to multivariate statistics. *Math. Statist. and Appl. Probability*, Vol. 3, No. 3, 372–379 (in Chinese).

120. Chen, X. R. and Zhao, L. C. (1987). Almost sure $L_1$-norm convergences for data-based histogram density estimates. *J. Multivariate Analysis*, Vol. 21, No. 1, 179–188.

121. Zhao, L. C., Krishnaiah, P. R. and Bai, Z. D. (1987). Remarks on certain criteria for detection of number of signals. *IEEE Trans. Acoustics, Speech, Signal Process.*, ASSP-35, No. 2, 129–132.

122. Zhao, L. C. (1987). Exponential bounds of mean error for the nearest neighbor estimates of regression functions. *J. Multivariate Analysis*, Vol. 21, No. 1, 168–178.

123. Zhao Lincheng (1987). $L_1$-norm strong consistency of data-based density estimaion. *Chinese Journal of Applied probability and Statistics*, Vol. 3, No. 1, 46–50 (in Chinese).

124. Bai, Z. D., Krishnaiah, P. R. and Zhao, L. C. Simultanuous estimation of the number and frequencies of signals in multisinusoid model. *Proc. ICASSP*, 1987, pp. 1308–1311.

125. Bai Zhi-dong, Chen Xi-ru and Zhao Lin-cheng (1987). $L_r$-norm consistency of density estimates. Sino-American Statistical Meeting, Contributed Papers, 9–12.

126. Bai Zhidong and Zhao Lincheng. Scientific Progress, Mathematics, Theory of Probability. *Science Yearbook*, 1985, 3.13–3.15. Editorial Dept. of Nature Journal, Shanghai Translation Publisher, Shanghai, 1987 (in Chinese).

127. Zhao Lincheng and Bai Zhidong. Scientific Progress, Mathematics, Mathematical Statistics. *Science Yearbook*, 1985, 3.16–3.18. Editorial Dept. of Nature Journal, Shanghai Translation Publisher, Shanghai, 1987 (in Chinese).

128. Zhao Lincheng and Chen Xiru. Berry-Esseen bounds for finite-population U-statistics. *Scientia Sinica*, Ser. A, Vol. 15 (1985), No. 2, 123-135 (in Chinese), Vol. 30 (1987), No. 2, 113–127 (in English).

129. Zhao Lincheng (1986). Bootstrapping the error variance estimates in linear models. *Acta Math. Sinica*, Vol. 29, No.1, 36–45 (in Chinese).

130. Zhao Lincheng and Su Chun (1986). The rate of strong convergence of nearest neighbor estimates of nonparametric regression functions. *Acta Math. Sinica*, Vol. 29, No. 1, 63–69 (in Chinese).

131. Zhao Lincheng. Two-stage sampling procedure for density estimation. *J. Math. Research and Exposition*, Vol. 6 (1986), No. 2, 125-131 (in Chinese), 1986, No. 2, 96–103 (in English).

132. Chen Xiru and Zhao Lincheng (1986). The optimal rate of convergence of error for KNN median regression estimates. *Chinese Ann. Math.*, Ser. B, Vol. 7, No. 3, 129–138 (in English).

133. Zhao Lincheng (1986). On universal consistency of nonparametric regression estimates. *Chinese Journal of Applied probability and Statistics*, Vol. 2, No. 1, 71–73 (in Chinese).

134. Zhao, L. C., Krishnaiah, P. R. and Bai, Z. D. (1986). On detection of the number of signals in presence of white noise. *J. Multivariate Analysis*, Vol. 20, No. 1, 1–25.

135. Zhao, L. C., Krishnaiah, P. R. and Bai, Z. D. (1986). On detection of the number of signals when the noise covariance matrix is arbitrary. *J. Multivariate Analysis*, Vol. 20, No. 1, 26–49.

136. Bai Zhidong and Zhao Lincheng. Edgeworth expansions of distribution functions of independent random variables. *Scientia Sinica*, Ser. A, Vol. 15 (1985), No. 8, 677-697 (in Chinese), Vol. 29 (1986), No. 1, 1–22 (in English).

137. Cheng Ping and Zhao Lincheng(1985). Strong consistency of the improved nearest neighbor estimates of regression function. *Kexue Tongbao*, Vol. 30, No. 1, 10–14 (in Chinese).

138. Fang Zhaoben and Zhao Lincheng (1985). Strong consistency of nonparametric regression estimates. *Acta Mathematicae Applicatae Sinica*, Vol. 8, No. 3, 268–276 (in English)

139. Zhao Lincheng and Liu Zhijun (1985). Strong consistency of the kernel estimators of conditional desity functions. *Acta Math. Sinica*, New Series, Vol. 1, No. 4, 314–318 (in English).

140. Zhao Lincheng (1985). Weak invariance principle for finite-population U-statistics. *Acta Math. Appl. Sinica*, Vol. 2, No. 4, 281–290 (in English).

141. Zhao Lincheng and Fang Zhaoben (1985). Strong convergence of kernel estimates of nonparametric regression functions. *Chinese Ann. Math.*, Ser. B, Vol. 6, No. 2, 147–155 (in English).

142. Zhao Lincheng and Bai Zhidong (1984). Convergence rates of error variance estimates in linear models. *Chinese Annals of Mathematics*, Ser. A, Vol. 5, No. 1, 27–32 (in Chinese).

143. Zhao Lincheng and Bai Zhidong. Strong consistency of nearest neighbor estimates of nonparametric regression functions.*Scientia Sinica*, Ser. A, Vol. 14 (1984), No. 5, 387–393 (in Chinese), Vol. 27 (1984), No. 10, 1027–1034 (in English).

144. Zhao Lincheng (1984). Convergence rates for the distributions of the Studentized error variance estimates in linear models. *Acta Mathematica Sinica*, Vol. 27, 381–393 (in Chinese).

145. Zhao Lincheng (1984). Uniform convergence rates of the strong consistency of the Kernel estimates of density functions. *Acta Mathematicae Applicatae Sinica*, Vol. 7, 334–339 (in Chinese).

146. Yang Zhenhai and Zhao Lincheng (1984). Uniform strong convergence rate of nearest neighbor density estimation. *Chinese Annals of Mathematics*, Ser. B, Vol. 5, No. 3, 325–332 (in English).

147. Ke An (The actual writers:Chen Xiru, Chen Guijing and Zhao Lincheng). Contributions to the theory of nonparametric regression, discrimination and prediction. *Science Exploration*, Vol. 4 (1984), No. 2, 53–62 (in English).

148. Su Chun and Zhao Lincheng (1984). The necessary and sufficient conditions for convergence of the uniform remainder term series of error variance estimate. *Acta Mathematia Sinica*, Vol. 27, NO. 6, 844–854 (in Chinese).

149. Zhao Lincheng (1983). Sequential estimation of error variance of linear models and its asymptotic behavior. *Acta Mathematica Sinica*, Vol. 25, 15–28 (in Chinese).

150. Zhao Lincheng (1983). Rates of a. s. convergence of the estimation of error variance in linear models. *Chinese Annals of Mathematics*, Ser. B, Vol. 4, No. 1, 95–103 (in English).

151. Bai Zhidong, Zhao Lincheng and Chen Xiru (1983). Convergence rates of the estimation of error variance in linear models. *J. Math. Research and Exposition*, Vol. 3, 69–82 (in English).

152. Miao Baiqi and Zhao Lincheng. A property of stable laws. *Kexue Tongbao*, Vol. 28 (1983), 1453–1456 (in English).

153. Zhao Lincheng (1983). The rate of the normal approximation for a Studentized U-statistic. *Science Exploration*, Vol. 3, No. 2, 45–52 (in English).

154. Zhao Lincheng (1983). Non-uniform bounds for U-statistics. *Chinese Annals of Mathematics*, Ser. A, Vol. 4, No. 6, 699-706 (in Chinese).

155. Zhao Lincheng and Bai Zhidong. Non-uniform bounds for normal approximation of error variance estimates in linear models. *Scientia Sinica*, Ser. A, Vol. 13 (1983), No. 10, 902–912 (in Chinese), Vol. 28 (1985), No. 4, 23-34 (in English).

156. Chen Guijing, Wu Qiguang and Zhao Lincheng (1983). Some theoretical results of Chinese mathematical statistics in the recent five years (1). *J. Math. Research and Exposition*, Vol. 3, No. 4, 109–120 (in Chinese).

157. Zhao Lincheng and Chen Xiru. Non-uniform convergence rates for distributions of U-statistics. *Scientia Sinica,* Ser. A, Vol. 12 (1982), No. 12, 1066–1078 (in Chinese). Vol. 26 (1983), No. 8, 795–810 (in English).

158. Lu Kuliang and Zhao Lincheng (1982). UMVUE of two-side truncation parameters. *Acta Mathematicae Applicatae Sinica*, Vol. 5, 177–185 (in Chinese).

159. Bai Zhidong and Zhao Lincheng (1982). Berry-Esseen bounds for error variance estimates in linear models *Journal of China University of Science and Techology,* Vol.12, No. 3, 6–15 (in Chinese).

160. Zhao Lincheng and Chen Xiru. Non-uniform convergence rates for distributions of error variance estimates in linear models. *Scientia Sinica,* Ser. A, Vol. 12 (1982), NO. 5, 408–420 (in Chinese), Vol.25 (1982), No. 10, 1042-1055 (in English).

161. Zhao Lincheng (1982). Edgeworth expansion for the estimation of error variance of linear models. *Acta Mathematica Sinica,* Vol. 25, 680–697 (in Chinese).

162. Zhao Lincheng. Necessary and sufficient conditions for the strong consistency of the estimate of error variance in linear models. *Scientia Sinica*, Vol.11 (1981), No. 10, 1187-1191 (in Chinese), Vol. 25 (1982), No. 5, 449–454 (in English).

163. Zhao Lincheng (1981). On convergence rates of U-statistics. *Science Exploration*, Vol. 1, No. 1, 89–94 (in Chinese).

164. Zhao Lincheng (1981). Empirical Bayes estimation with convergence rates about a class of discrete distribution families. *Journal of Math. Research and Exposition*, Vol. 1, 59–69 (in Chinese).