

羅夢娜教授 (Mong-Na Lo Huang) (72 年 8 月畢業，73 年 8 月到校)

(A) 期刊論文

1. Shih-Hao Huang, **Mong-Na Lo Huang**, Kainam Thomas Wong, and Tzu-Chiang Tseng. Copula - to model multi-channel fading by correlated but arbitrary weibull marginals, giving a closed- form outage probability of selection-combining reception. *Journal of Statistical Planning and Inference*, 9(15):1698–1705, 2015. [SCIE,NSYSU].
2. Shih-Hao Huang and **Mong-Na Lo Huang**. Robust designs for probability estimation in binary response experiments. *Journal of Statistical Planning and Inference*, 154:116–132, 2014. [SCIE,NSYSU].
3. Miao-Kuan Huang, **Mong-Na Lo Huang**, and Baisuo Jin. Exact D-optimal designs for a linear log contrast model with mixture experiment for three and four ingredients. *Journal of Statistical Planning and Inference*, 143(7):1213–1224, 2013. doi: 10.1016/j.jspi.2013.01.009. [SCIE,NSYSU].
4. Hsiang-Ling Hsu, **Mong-Na Lo Huang**, and Guo-Huai Chiou. Robust run order for uniform designs in simple linear regression with MA errors. *Utilitas Mathematica*, 90:251–267, 2013. [SCIE,NSYSU].
5. Baisuo Jin and **Mong-Na Lo Huang**. Construction of ϕ_p -optimal exact designs with minimum experimental run size for a linear log contrast model in mixture experiments. *Biometrika*, 98:741–747, 2011. [SCIE,NSYSU].
6. Baisuo Jin, **Mong-Na Lo Huang**, and Baiqi Miao. Testing for variance changes in autoregressive models with unknown order. *Journal of Applied Statistics*, 38:927–936, 2011. [SCIE,NSYSU].
7. **Mong-Na Lo Huang**, Chuan-Pin Lee, Ray-Bing Chen, and Thomas Klein. Exact D -optimal designs for a second-order response surface model on a circle with qualitative factors. *Computational Statistics and Data Analysis*, 54:516–530, 2010. [SCIE,NSYSU](2008 Impact Factor: 1.126).
8. **Mong-Na Lo Huang** and Chuan-Pin Lee. Discussion: “A general approach to D -optimal designs for weighted univariate polynomial regression models” by Holger Dette and Matthias Trampisch. *Journal of the Korean Statistical Society*, 39:31–33, 2010. [SCIE,NSYSU].
9. Chun-Sui Lin and **Mong-Na Lo Huang**. Optimal designs for estimating the control values in multi-univariate regression models. *Journal of Multivariate Analysis*, 101:1055–1066, 2010. [SCIE,NSYSU].
10. Hui-Ming L. Lee, **Mong-Na Lo Huang**, and Wan-Ping Hung. The development and validation of a listening practice strategy questionnaire. *English Teaching & Listening*, 34:1–50, 2010. [NSYSU].
11. Baisuo Jin, Cheng Wang, Baiqi Miao, and **Mong-Na Lo Huang**. Limiting spectral distribution of large dimensional sample covariance matrices generated by varma. *Journal of Multivariate Analysis*, 100:2112–2125, 2009. [SCIE,NSYSU](2008 Impact Factor: 0.738).
12. **Mong-Na Lo Huang**, Hsiang-Ling Hsu, Chao-Jin Chou, and Thomas Klein. Model-robust D - and A -optimal designs for mixture experiments. *Statistica Sinica*, 19:1055–1075, 2009. [SCI,NSYSU](2008 Impact Factor: 0.699).
13. **Mong-Na Lo Huang** and Miao-Kuan Huang. ϕ_p -optimal designs for a linear log contrast model for experiments with mixtures. *Metrika*, 70:239–256, 2009. [SCIE,NSYSU](2008 Impact Factor: 0.320).
14. Miao-Kuan Huang and **Mong-Na Lo Huang**. D_s -optimal designs for quadratic log contrast model for experiments with mixtures. *Communications in Statistics - Theory and Methods*, 38:1607–1621, 2009. [SCIE,NSYSU](2008 Impact Factor: 0.324).
15. Wolfgang Bischoff, **Mong-Na Lo Huang**, and Lei Yang. Growth curve models for stochastic modeling and analyzing of natural disinfection of wastewater. *Environmetrics*, 17(8):827–847, 2006. [SCIE,NSYSU] (2006 Impact Factor: 0.632).

16. **Mong-Na Lo Huang** and Chun-Sui Lin. Minimax and maximin efficient designs for estimating the location-shift parameter for parallel models with dual responses. *Journal of Multivariate Analysis*, 97:198–210, 2006. [SCIE, NSYSU] (2006 Impact Factor: 0.763).
17. **Mong-Na Lo Huang**, Ray-Bing Chen, Chun-Sui Lin, and Weng Kee Wong. Optimal designs for parallel models with correlated responses. *Statistica Sinica*, 16:121–133, 2006. [SCIE, NSYSU] (2006 Impact Factor: 0.808).
18. **Mong-Na Lo Huang**, Ray-Bing Chen, and Ying-Ying Chen. c -optimal designs for weighted polynomial models. *Sankhya A*, 67:90–105, 2005. [NSYSU].
19. H. G. Yeh and **Mong-Na Lo Huang**. On exact D -optimal designs with 2 two-level factors and n auto-correlated observations. *Metrika*, 61(3):261–275, 2005. [SCIE, NSYSU] (2005 Impact Factor: 0.451).
20. 許湘伶, 羅夢娜. 多反應迴歸模型下的最適設計簡介. 中國統計學報, 42:365–381, 2004. [NSYSU].
21. **Mong-Na Lo Huang**, C. S. Lin, and K. Soong. Factor effects testing for mixture distributions – with application to the study of Emergence of Pontomyia Oceana. *Journal of Data Science*, 2:213–230, 2003. [NSYSU].
22. Y. R. Kuo, K. D. Yang, **Mong-Na Lo Huang**, F. C. Wei, and S. F. Jeng. Reactive thrombocytosis without endothelial damage does not affect the microvascular anastomotic patency. *Annals of Plastic Surgery*, 50(1):57–63, 2003. [SCI, NSYSU] (2003 Impact Factor: 0.791).
23. **Mong-Na Lo Huang** and Kam-Fai Wong. s^{k-p} fractional factorial designs in s^b blocks. *Metrika*, 56:163–170, 2002. [SCIE, NSYSU] (2002 Impact Factor: 0.414).
24. 黃文璋, 洪宛頻, 羅夢娜. 樂透彩開出號碼隨機性之檢定. 中國統計學報, 40(3):249–273, 2002. [NSYSU].
25. David Y. Wang, Ken-Hung Lin, **Mong-Na Lo Huang**, and Jing-Jung Hong. Variability studies on emi data for electornic, telecommunications, and information technology equipment. *IEEE Transactions on Electromagnetic Compatibility*, 44(2):385–393, 2002. [SCI, NSYSU] (2002 Impact Factor: 0.649).
26. Y. R. Kuo, K.D. Yang, M.Y. Yang, **Mong-Na Lo Huang**, C.W. Lin, F.C. Lin, F.C. Wei, and S.F. Jeng. Reactive thrombocytosis alone does not affect the patency of microvascular anastomosis in the splenectomy rat. *Plastic and Reconstructive Surgery*, 110(3):812–817, 2002. [SCI, NSYSU] (2002 Impact Factor: 1.518).
27. Fu-Chuen Chang, **Mong-Na Lo Huang**, Dennis K. J. Lin, and Huie-Ching Yang. D - and D_s -optimal designs for dual response polynomial regression models. *Journal of Statistical Planning and Inference*, 93(1-2):309–322, 2001. [SCIE, NSYSU] (2001 Impact Factor: 0.366).
28. Mei-Hui Guo, **Mong-Na Lo Huang**, Zhidong Bai, and Kai-Sheng Hsieh. Important ECG diagnosis indices of VSD and CHF. *Statistics in Medicine*, 20:1125–1141, 2001. [SCI, NSYSU] (2001 Impact Factor: 1.414).
29. Y. R. Kuo, S. F. Jeng, M. H. Kuo, **Mong-Na Lo Huang**, Y. T. Liu, Y. C. Chiang, M. C. Yeh, and F. C. Wei. Free anterolateral thigh flap for extremity construction clinical experience and functional assessment of donor site. *Plastic and Reconstructive Surgery*, 107:1766–1771, 2001. [SCI, NSYSU] (2001 Impact Factor: 1.436).
30. Lei Yang, Hui-Ting Chang, and **Mong-Na Lo Huang**. Statistical analysis of nutrient removal in gravel-and soil- based constructed wetlands with and without vegetation. *Ecological Engineering*, 18:91–105, 2001. [SCI, NSYSU] (2001 Impact Factor: 0.601).
31. **Mong-Na Lo Huang**. Comments on “factor screening and response surface exploration”. *Statistica Sinica*, 11:585–586, 2001. [SCI, NSYSU] (2001 Impact Factor: 0.467).
32. Lei Yang, Wen-Shi Chang, and **Mong-Na Lo Huang**. Natural disinfection of wastewater in marine outfall fields. *Water Research*, 34:743–750, 2000. [SCI, NSYSU] (2000 Impact Factor: 1.285).
33. Ray-Bing Chen and **Mong-Na Lo Huang**. Exact D-optimal designs for weighted polynomial model. *Computational Statistics and Data Analysis*, 33:137–149, 2000. [SCIE, NSYSU].

34. Holger Dette and **Mong-Na Lo Huang**. Convex optimal designs for compound polynomial extrapolation. *Annals of the Institute of Statistical Mathematics*, 52:557–573, 2000. [SCIE, NSYSU].
35. Zhidong Bai and **Mong-Na Lo Huang**. On consistency of the best- r -points average estimator for the maximizer of a nonparametric regression function. *Sankhyā A*, 61:208–217, 1999. [NSYSU].
36. 郭美惠, 羅夢娜, 白志東, 陳宏天, 謝凱生. 心電圖中 P-R 區間的統計分析與模型的建立. 中國統計學報, 35:1–25, 1997. [NSYSU].
37. Hung Chen, **Mong-Na Lo Huang**, and Wen-Jang Huang. Estimation of the location of the maximum of a regression function using extreme order statistics. *Journal of Multivariate Analysis*, 57:191–214, 1996. [SCI, NSYSU] (1999 Impact Factor: 0.359).
38. **Mong-Na Lo Huang** and Hsiu-Fen Chang. Marginally restricted constrained optimal designs. *Sankhyā B*, 57:128–141, 1995. [NSYSU].
39. **Mong-Na Lo Huang**, Fu-Chuen Chang, and Weng Kee Wong. D-optimal designs for polynomial regression without an intercept. *Statistica Sinica*, 5:441–458, 1995. [NSYSU].
40. Shun-Hwa Li, Wen-Jang Huang, and **Mong-Na Lo Huang**. Characterizations of the Poisson process as a renewal process via two conditional moments. *Annals of the Institute of Statistical Mathematics*, 46:351–360, 1994. [NSYSU].
41. 陳瑞彬, 羅夢娜. 多項式迴歸模型下之正合 D-最適設計. 中國統計學報, 32:517–540, 1994. [NSYSU].
42. **Mong-Na Lo Huang** and Ming-Chun Hsu. Marginally restricted linear-optimal designs. *Journal of Statistical Planning and Inference*, 35:251–266, 1993. [NSYSU].
43. 羅夢娜, 方力行. 興達電廠海域生態系的統計分析. 中國統計學報, 30:1–20, 1992. [NSYSU].
44. **Mong-Na Lo Huang** and Miao-Kuan Huang. A parameter-elimination method for nonlinear regression with linear parameters and autocorrelated errors. *Biometrical Journal*, 33:937–950, 1991. [NSYSU].
45. 鄭惠斌, 羅夢娜, 黃妙冠, 沈世宏. 雨量及風速對空氣品質影響之非線性模式的探討. 中國統計學報, 28:1–24, 1990. [NSYSU].
46. **Mong-Na Lo Huang**. Optimal extrapolation designs for a partly linear model. *Computational Statistics and Data Analysis*, 10(2):105–119, 1990. [NSYSU].
47. Chia-Tsung Horng, Wen-Jang Huang, and **Mong-Na Lo Huang**. A single compartment quantal response model with an inspection process. *Biometrical Journal*, 32:985–1004, 1990. [NSYSU].
48. Wen-Jang Huang and **Mong-Na Lo Huang**. A single compartment quantal response model with a renewal type input processes and iid releases. *Biometrical Journal*, 31:111–121, 1989. [NSYSU].
49. **Mong-Na Lo Huang** and William J. Studden. Model robust extrapolation designs. *Journal of Statistical Planning and Inference*, 18:1–24, 1988. [NSYSU].
50. **Mong-Na Lo Huang**. Exact D-optimal designs for polynomial regression. *Bulletin of the Institute of Mathematics, Academia Sinica*, 15(1):73–85, 1987. [NSYSU].