成果の説明書

(氏名)	宮田　庸一	(学部)	経済学部

1　重要事項

論文（査読付き）

[1] Takemi Yanagimoto and Yoichi Miyata (2024). A pair of novel priors for improving and extending the conditional MLE, *Journal of Statistical Planning and Inference*, Volume 231, 106117 (published online)

[2] Yoichi Miyata, Takayuki Shiohama, and Toshihiro Abe. (2024). Cylindrical Models Motivated through Extended Sine-Skewed Circular Distributions, *Symmetry*, Vol.16, 3, Article-number=295.

著書

[1] Toshihiro Abe, Tomoaki Imoto, Takayuki Shiohama, and Yoichi Miyata.(2023). Modeling Joint Cylindrical Distributions and Related Markov Processes in Ashis SenGupta Honour Volume (to appear)

学会，シンポジウムおよびセミナーでの講演

[1] Yoichi Miyata, Takayuki Shiohama, and Toshihiro Abe. (2023 年 11 月 1 日-2 日) An extension of the Weibull sine-skewed von Mises distributions and its application to hidden Markov models, TMU International Conference on Statistical Modelling and Inference 2023, Tokyo Metropolitan University, Marunouchi Satellite Campus, Room A.

[2] Miyata, Y., Shiohama, T., and Abe, T. (2023 年 12 月 16 日).A hidden Markov model whose components are the Weibull-extended sine skewed von Mises distributions, 16th International Conference on the ERCIM WG on CMStatistics 2023, 16--18 December 2023, HTW Berlin, University of Applied Sciences, Berlin, Germany.

2　その他の事項

座長: 2023 年度秋季総合分科会

欧文誌査読:2 本

3　次年度以降の計画・抱負

論文の作成，データ収集，およびシミュレーションを行うために研究時間を確保する。