



Osamu Komori, Ph.D.

1. Professor, Department of Science and Technology in Seikei University
2. Affiliate professor, The Institute of Statistical Mathematics

Career

- 1 Assistant Professor, School of Statistical Thinking in The Institute of Statistical Mathematics (2011-2015)
- 2 Lecturer, Department of Electrical and Electronics Engineering in University of Fukui (2016-2017)
- 3 Associate Professor, Department of Computer and Information Science in Seikei University (2018-2023)
- 4 Professor, Department of Science and Technology in Seikei University (2024-Present)

Education

Bachelor of Engineering, Keio University, Japan (2001-2004)

Master of Engineering, Keio University, Japan (2005-2006)

Ph.D., Statistics, The Graduate University for Advanced Studies, Japan (2007 - 2010)

Professional Experiences

1. Affiliate professor, The Institute of Statistical Mathematics (2022- Present)
2. Associate editor, Japanese Journal of Statistics and Data Science (2017-Present)
3. Associate editor, Bulletin of the Biometric Society of Japan (2015-Present)

Honor and Awards

1. Incentive award, Biometric Society of Japan, 2016

Selected Publications

1. Komori, O., Saigusa, Y. and Eguchi, S. (2023) Statistical learning for species distribution models in ecological studies. Japanese Journal of Statistics and Data Science 6, 803-826.
2. Komori, O. and Eguchi, S. (2021) A unified formulation of k-means, fuzzy c-means and Gaussian mixture model by the Kolmogorov-Nagumo average. Entropy 23, 518.
3. Komori, O., Eguchi, S., Saigusa, Y., Kusumoto, B. and Kubota, Y. (2020) Sampling bias correction in species distribution models by quasi-linear Poisson point process. Ecological Informatics 55, 1-11.
4. Komori, O., Eguchi, S., Ikeda, S., Okamura, S., Ichinokawa, M. and Nakayama, S. (2016) An asymmetric logistic regression model for ecological data. Methods in Ecology and Evolution 7, 249-260.
5. Komori, O., Eguchi, S. and Copas, J. B. (2015) Generalized t-statistics for two-group classification. Biometrics 71, 404-416.
6. Komori, O. (2011) A boosting method for maximization of the area under the ROC curve. Annals of the Institute of Statistical Mathematics 63, 961-979.
7. Komori, O. and Eguchi, S. (2010) A boosting method for maximizing the partial area under the ROC curve. BMC Bioinformatics 11, 314.