Curriculum Vitae

Keisuke Hanada

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Contact Information

- Name: Keisuke Hanada
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- Website: https://keisuke-hanada.github.io/

Working Experience

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- **2024/4 - Present**: Specially Appointed Assistant Professor,
  Graduate School of Engineering Science, Osaka University
- **2019/4 - 2024/2**: Biostatistician,
  Biometrics Department, Kyowa Kirin Co., Ltd

Education

- **2020/4 - 2024/3**: Ph.D. in Data Science, Shiga University
  Supervisor: Dr. Tomoyuki Sugimoto
- **2017/4 - 2019/3**: M.S. in the Graduate School of Science and Engineering, Kagoshima University
  Supervisor: Dr. Tomoyuki Sugimoto
- **2013/4 - 2017/3**: B.Sc. Tech. in Faculty of Science and Technology, Hirosaki University
  Supervisor: Dr. Kimitoshi Tsutaya

Research Publications

Peer-Reviewed Articles

1. Hanada, K., Moriya, J., & Kojima, M. (2024). Comparison of baseline covariate adjustment methods for restricted mean survival time. *Contemporary Clinical Trials*, 138, 107440.
2. Hanada, K., & Sugimoto, T. (2024). Meta-Analysis for Time-to-event Outcome Based on Restored Individual Participant Data and Summary Statistics. *Japanese Journal of Biometrics*, 45(1), 115-131. (in Japanese)
3. Hanada, K., & Sugimoto, T. (2023). Inference using an exact distribution of test statistic for random-effects meta-analysis. *Annals of the Institute of Statistical Mathematics*, 75(2), 281-302.

Preprints

1. Hanada, K., & Sugimoto, T. (2024). Moment-based Random-effects Meta-analysis Equipped with Huber's M-Estimation. *arXiv preprint* arXiv:2407.04446.
2. Hanada, K., & Kojima, M. (2024). Bayesian Parametric Methods for Deriving Distribution of Restricted Mean Survival Time. *arXiv preprint* arXiv:2406.06071.
3. Hanada, K., & Kojima, M. (2024). Random Effect Restricted Mean Survival Time Model. *arXiv preprint* arXiv:2401.02048.
4. Kojima, M., Mano, H., Yamada, K., Hanada, K., Tanaka, Y., & Moriya, J. (2023). Adjusting confidence intervals under covariate-adaptive randomization in non-inferiority and equivalence trials. *arXiv preprint* arXiv:2312.15619.

Software and R Packages

1. rmstBayespara: Bayesian Restricted Mean Survival Time for Cluster Effect. R package. Available at: https://cran.r-project.org/web/packages/rmstBayespara/
2. metaMest: meta-analysis by M-estimator based approach. R package. Available at: https://github.com/keisuke-hanada/metaMest

Conference Presentations

1. Hanada, K., & Sugimoto, T. (2019). Non-Asymptotic Properties and Behaviors for Random-Effects Meta-Analysis When the Number of Studies Is Small", *The VI-th International Symposium on Biopharmaceutical Statistics*, Kyoto.

Grants and Funding

- **2024/7 - 2026/3**: Japan Society for the Promotion of Science (JSPS), Grant-in-Aid for Research Activity Start-up [Principal Investigator]
- **2024/4 - 2027/3**: Japan Society for the Promotion of Science (JSPS), Grant-in-Aid for Scientific Research (C) [Co-Investigator]

Academic Service

- **Peer Review**
  Japanese Journal of Statistics and Data Science, 2024
  Journal of the Royal Statistical Society: Series C (Applied Statistics), 2024
  Journal of the Japan Statistical Society, Japanese Issue, 2024
