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Hao, Y.

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List of publications

This dissertation is based on the following papers.

- Chapter 2 is based on
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- Chapter 3 is based on
Yunda Hao, and Peter Grünwald. E-Values for Exponential Families: the General Case. arXiv preprint arXiv:2409.11134, 2024, under submission.
- Chapter 4 is based on
Yunda Hao, Peter Grünwald, Tyron Lardy, Long Long, and Reuben Adams. E-values for k-Sample Tests with Exponential Families. *Sankhya A*, 86(1):596–636, 2024.
- Chapter 5 is based on
Peter Grünwald, Yunda Hao, and Akshay Balsubramani. Growth-Optimal E-Variables and an extension to the multivariate Csiszár-Sanov-Chernoff Theorem. arXiv preprint arXiv:2412.17554, 2024.

The following paper was completed during the PhD period but is not included in this dissertation.

- Chengli Tan, Jianshe Zhang, Junmin Liu, Yicheng Wang, and Yunda Hao. Stabilizing Sharpness-aware Minimization Through A Simple Renormalization Strategy. arXiv preprint arXiv:2401.07250, 2024. *Journal of Machine Learning Research*, accept after minor revision.

List of publications
