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Publication List

Scientific papers in statistics and mathematics in peer-reviewed journals

64. Fischer L, Bofill Roig M, Brannath W (2024). The Online Closure Principle. *Annals of Statistics*, to appear.

63. Fischer L, Bofill Roig M, Brannath W (2024). An exhaustive ADDIS principle for online FWER control. *Biometrical Journal*, to appear.

62. Brannath W (2023). Discussion on "Optimal test procedures for multiple hypotheses controlling the familywise expected loss". by Willi Maurer, Frank Bretz, and Xiaolei Xun *Biometrics*, 79:2806-2810 (doi: 10.1111/biom.13909)

61. Scharpenberg M, Brannath W (2023). Simultaneous confidence intervals for an extended Koch-Röhmel design in three-arm non-inferiority trials. *Statistical Methods in Medical Research*, 32(9):1784-1798 (doi: 10.1177/09622802231189592)

60. Großhennig A, Thomas NH, Brannath W, Koch A (2023). How to avoid concerns with the interpretation of two primary endpoints if significant superiority in one is sufficient for formal proof of efficacy. *Pharmaceutical Statistics*, early view (doi: 10.1002/pst.2314)

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58. Brannath W, Scharpenberg M, Schmidt S (2022). Single-stage, three-arm, adaptive test strategies for non-inferiority trials with an unstable reference. *Statistics in Medicine*, 41(25): 5033-5045 (doi: 10.1002/sim.9552)

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12.　König F, Bauer P, Brannath W (2006). An adaptive hierarchical test procedure for selecting safe and efficient treatments. *Biometrical Journal*, 48:663-78 (with discussions)

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10.　Brannath W, Bauer P, Posch M (2006). On the efficacy of adaptive designs for flexible interim decisions in clinical trials. *Journal of Statistical Planning and Inference*, 136:1956-1961

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Preprints

17. Brannath W, Dreher M (2024). Optimal monotone conditional error functions. *(arXiv:2402.00814 [stat.ME])*

16. Brannath W, Kluge L, Scharpenberg M (2024). Informative Simultaneous Confidence Intervals for Graphical Test Procedures. *(arXiv:2402.13719 [stat.ME])*

15. Jankovic V, Fischer L, Brannath W (2024). Asymptotic Online FWER Control for Dependent Test Statistics. *(arXiv:2401.09559 [stat.ME])*

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13. A Mändle, Brannath W, W Wosniok (2023). Statistical optimization of expensive multi-response black-box functions. *(arXiv:2303.05992 [stat.ME])*

12. Fischer L, Bofill Roig M, Brannath W (2023). An exhaustive ADDIS principle for online FWER control. *(arXiv:2308.13827 [stat.ME])*

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