

Publications are numbered in chronological order. They are listed in reverse chronological order, by category.

Books

160. Thompson, E. A. (2000) *Statistical Inferences from Genetic Data on Pedigrees* NSF-CBMS Regional Conference Series in Probability and Statistics. Volume 6. IMS, Beachwood, OH. (169 pages)
70. Thompson, E.A. (1986). *Pedigree Analysis in Human Genetics*. Johns Hopkins University Press, Baltimore (210 pages).
47. Cannings, C. and Thompson, E.A. (1981). *Genealogical and Genetic Structure*. Cambridge University Press (160 pages).
8. Thompson E.A. (1975). *Human Evolutionary Trees*. Cambridge University Press, Cambridge (158 pages).

Papers in Refereed Journals

250. Min, A., Thompson, E.A. and Basu, S. (2022) Comparing heritability estimators under alternative structures of linkage disequilibrium.
G3 Genes/Genomes/Genetics, <https://doi.org/10.1093/g3journal/jkac134>
Also: *bioRxiv preprint* doi: <https://doi.org/10.1101/2021.09.08.459523>
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246. Wang B. and Thompson, E. A. (2019) Realized genome sharing in heritability estimation using random effects models. *G3:Genes/Genomes/Genetics* **9**: 1385--1391. (PMCID: PMC6505141)
237. Wang, B., Sverdlov, S., and Thompson, E. A. (2017) Efficient estimation of realized kinship from SNP genotypes. *Genetics*, **205**: 1063--1078. (PMID: 28100587; PMCID: PMC5340323. DOI: 10.1534/genetics.116.197004)
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(Also, Technical report No. 632, Department of Statistics, University of Washington, 2014.)
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Also: Technical report No. 618, Department of Statistics, University of Washington.
229. Cheung, C.Y.K., Thompson, E.A., and Wijsman, E.M. (2014) Detection of Mendelian consistent genotyping errors in pedigrees. *Genetic Epidemiology* **38**: 291--299. [PMCID: PMC4081466]
228. Zheng, C., Kuhner, M. K., and Thompson, E. A. (2014) Joint inference of identity by descent along multiple chromosomes in population samples. *Journal of Computational Biology* **21**: 185--200. [PMID: 24606562, PMCID 3948483]

Also Technical report No. 621, Department of Statistics, University of Washington.

227. Sverdlov, S., and Thompson, E. A. (2013) Correlation between relatives given complete genotypes: From identity by descent to identity by function. *Theoretical Population Biology* **88**: 57--67. [PMID: 23851163, PMCID: PMC3817948]
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224. Thompson, E. A. (2013) Identity by descent: Variation in meiosis, across genomes, and in populations. *Genetics* **194**: 301--326. [PMID: 23733848, PMCID: PMC3664843]
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