

SELECTED PUBLICATIONS

D. Speed, N. Cai, the UCLEB Consortium, M. Johnson, S. Nejentsev and D. Balding. (2017) Re-evaluation of SNP heritability in complex human traits. **Nature Genetics**.

D. Speed and D. Balding. (2015) Relatedness in the post-genomic era: is it still useful? **Nature Reviews Genetics**.

D. Speed and D. Balding. (2014) MultiBLUP: improved SNP-based prediction for complex traits. **Genome Research**.

D. Speed, D. Balding, M. Johnson, et al. (2014) Describing the genetic architecture of epilepsy using heritability analysis. **Brain**.

The International League Against Epilepsy Consortium on Complex Epilepsies. (2014) Genetic determinants of common epilepsies: a meta-analysis of genome-wide association studies. **Lancet Neurology**. I was the lead analyst for the consortium, writing the protocols, and performing the analysis for 6 of the 12 contributing sites (17,000 out of 35,000 samples).

D. Speed, C. Hoggart, S. Petrovski, M. Johnson, et al. (2014) Genome-wide association study and biological pathway analysis of epilepsy prognosis in a prospective cohort of newly treated epilepsy. **Human Molecular Genetics**.

D. Speed, G. Hemani, M. Johnson and D. Balding. (2013) SNP-based heritability analysis with dense data. **American J. Human Genetics**.

D. Speed, G. Hemani, M. Johnson and D. Balding. (2012) Improved Heritability Estimation from Genome-Wide SNPs. **American J. Human Genetics**.

C. Curtis, ..., **D. Speed (Author 7)**, et al. (2012) The genomic and transcriptomic architecture of 2,000 breast tumours reveals novel subgroups. **Nature**.

D. Speed and S. Tavaré. (2011) Sparse partitioning: Nonlinear regression with binary or tertiary predictors, with application to association studies. **Annals of Applied Statistics**.