

- 1) Pricing and Hedging Derivatives using Processes with Jumps
- 2) Fractional Brownian Motion and Asset Pricing
- 3) Numerical Methods and Parameter Estimation for Stochastic Differential Equations
- 4) Variation in Outcomes in the NHS
- 5) Citations and Bibliometrics
- 6) Concordance of bird-ranges over time
- 7) Understanding marine populations from transect data
- 8) Analysis of Wildlife Radio-tracking Data
- 9) Spatial patterns and mechanisms in shark skin
- 10) Modelling and Inference for Plant Community Dynamics
- 11) Sample size calculations for time to event outcomes: how do the common methods compare?
- 12) Sample size calculations for time to event outcomes: the effect of timepoint on the accuracy of the hazard ratio
- 13) How low can you go? Sample sizes in cluster trials
- 14) Comet Analysis
- 15) Interrogating Random Forests
- 16) Robust Tests of Equality of Multivariate Variances
- 17) Curve Fitting & Power Analysis for In Vivo Dose Response Data
- 18) Xenograph Analysis
- 19) Between Laboratory Agreement
- 20) Analysis of out-of-hours care at A&E
- 21) The impact of adjusting for missing values in a 1 year cohort of patients with diabetes
- 22) Competing risks and hospital admissions
- 23) Referee Bias and Home Advantage in Premiership Football
- 24) The 2010 General Election
- 25) Models for Predicting UK Election Results from Opinion Polls
- 26) Assessing Models for Point Patterns with Random Graphs
- 27) Model comparison for gene regulatory networks
- 28) Dynamic skew models for panel data
- 29) Estimation of the generalised Pareto distribution
- 30) Sample sizes for clinical trials with uncertain estimates of variability
- 31) Sample sizes for studies with an accelerated failure time endpoint
- 32) A re-consideration of the analysis of RATPAC
- 33) An audit of journals to assess their adherence to CONSORT checklist criteria
- 34) The Hockey Stick curve in climate change models
- 35) Emulating a Climate Model
- 36) Bayesian meta-analysis and indirect comparisons: treatments for non-small cell lung cancer
- 37) Bayesian methods for inverse problems
- 38) Inclusion of zero event trials in Bayesian meta-analysis
- 39) Use of the β -binomial distribution in Bayesian meta-analyses
- 40) Demonstrating the value of statistical advice
- 41) Tracking sea-ice floes using remote sensing
- 42) Optimizing the performance of a fluidic oscillator
- 43) Multivariate and adaptive online testing

- 44) Lung cancer risk prediction
- 45) A comparison of minimisation vs randomisation when allocating subjects to treatments in clinical trials
- 46) The potential use of inbred populations in the genetic epidemiology of complex traits
- 47) Dealing with baseline imbalances in investigating change over time; lessons in longitudinal clinical trials
- 48) Index Tracking and Market-Neutral Algorithmic Trading
- 49) Forecasting Car Prices
- 50) Sequential Monte Carlo Methods
- 51) An Introduction to Multivariate Time Series
- 52) Statistical modelling of drug-response in rats using mixed-effects models with unobserved data
- 53) Searching for DNA polymorphisms and other structural variants in the CASP8 gene in a small cohort of breast cancer patients
- 54) Determining key genetic differences linked to differential patient response following a myocardial infarction using repeated gene expression measurements in the presence of unobserved values
- 55) Clustering by health professional in individual randomised trials
- 56) Imputation of missing quality of life data
- 57) Predicting Performance in Golf Tournaments
- 58) Optimisation for Football Score Prediction
- 59) Modelling card balance
- 60) Distribution of Drumlins
- 61) The impact of abrupt climate change on long-term variability
- 62) The Use of Simulation Techniques to Assess Various Post-Interim Power Methods in Small Sample Situations
- 63) An improved model of circadian time series data with an evaluation of different methods