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) Multivariant 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