**## Gamma : 0.002109, Delta : 0.0194 : Citation >= 10;**

**Multiple Hypothesis Testing**

[1] "Asymptotic {B}ayes-optimality under sparsity of some multiple testing procedures"

[2] "Multiple testing via {${\\rm FDR}\_L$} for large-scale imaging data"

[3] "Exact calculations for false discovery proportion with application to least favorable configurations"

[4] "Power-enhanced multiple decision functions controlling family-wise error and false discovery rates"

[5] "Innovated higher criticism for detecting sparse signals in correlated noise"

[6] "Optimal rates of convergence for estimating the null density and proportion of nonnull effects in large-scale multiple testing"

[7] "On a generalized false discovery rate"

[8] "On the false discovery rate and an asymptotically optimal rejection curve"

[9] "On the performance of {FDR} control: constraints and a partial solution"

[10] "Size, power and false discovery rates"

[11] "Adapting to unknown sparsity by controlling the false discovery rate"

[12] "False discovery and false nondiscovery rates in single-step multiple testing procedures"

[13] "Estimating the proportion of false null hypotheses among a large number of independently tested hypotheses"

[14] "Generalizations of the familywise error rate"

[15] "A stochastic process approach to false discovery control"

[16] "Higher criticism for detecting sparse heterogeneous mixtures"

[17] "The positive false discovery rate: a {B}ayesian interpretation and the {$q$}-value"

[18] "A family of {B}ayes multiple testing procedures"

[19] "False discovery control with {$p$}-value weighting"

[20] "Adaptive linear step-up procedures that control the false discovery rate"

[21] "False discovery control for random fields"

[22] "Large-scale simultaneous hypothesis testing: the choice of a null hypothesis"

[23] "Oracle and adaptive compound decision rules for false discovery rate control"

[24] "To how many simultaneous hypothesis tests can normal, {S}tudent's {$t$} or bootstrap calibration be applied?"

[25] "Estimating the null and the proportional of nonnull effects in large-scale multiple comparisons"

[26] "Correlation and large-scale simultaneous significance testing"

[27] "Large-scale multiple testing under dependence"

[28] "Proportion of non-zero normal means: universal oracle equivalences and uniformly consistent estimators"

[29] "The optimal discovery procedure: a new approach to simultaneous significance testing"

[30] "Variance of the number of false discoveries"

[31] "Strong control, conservative point estimation and simultaneous conservative consistency of false discovery rates: a unified approach"

**Variable & Model Selection**

[1] "Estimation in high-dimensional linear models with deterministic design matrices"

[2] "Oracle inequalities and optimal inference under group sparsity"

[3] "A majorization-minimization approach to variable selection using spike and slab priors"

[4] "{$\\ell\_1$}-penalized quantile regression in high-dimensional sparse models"

[5] "Sure independence screening in generalized linear models with {NP}-dimensionality"

[6] "Variable selection in nonparametric additive models"

[7] "Nearly unbiased variable selection under minimax concave penalty"

[8] "High-dimensional additive modeling"

[9] "A unified approach to model selection and sparse recovery using regularized least squares"

[10] "High-dimensional variable selection"

[11] "On the adaptive elastic-net with a diverging number of parameters"

[12] "Simultaneous analysis of lasso and {D}antzig selector"

[13] "Lasso-type recovery of sparse representations for high-dimensional data"

[14] "The sparsity and bias of the {LASSO} selection in high-dimensional linear regression"

[15] "One-step sparse estimates in nonconcave penalized likelihood models"

[16] "High-dimensional generalized linear models and the lasso"

[17] "Asymptotic properties of bridge estimators in sparse high-dimensional regression models"

[18] "The {D}antzig selector: statistical estimation when {$p$} is much larger than {$n$}"

[19] "High-dimensional graphs and variable selection with the lasso"

[20] "Variable selection using {MM} algorithms"

[21] "Nonconcave penalized likelihood with a diverging number of parameters"

[22] "Penalized empirical likelihood and growing dimensional general estimating equations"

[23] "Factor profiled sure independence screening"

[24] "Penalized high-dimensional empirical likelihood"

[25] "Variable selection in high-dimensional linear models: partially faithful distributions and the {PC}-simple algorithm"

[26] "Extended {B}ayesian information criteria for model selection with large model spaces"

[27] "Tuning parameter selectors for the smoothly clipped absolute deviation method"

[28] "The adaptive lasso and its oracle properties"

[29] "Smoothly clipped absolute deviation on high dimensions"

[30] "{$p$}-values for high-dimensional regression"

[31] "Forward regression for ultra-high dimensional variable screening"

[32] "Shrinkage estimation of the varying coefficient model"

[33] "Variable selection using adaptive nonlinear interaction structures in high dimensions"

[34] "Regularization parameter selections via generalized information criterion"

[35] "Nonparametric independence screening in sparse ultra-high-dimensional additive models"

[36] "Quantile regression for analyzing heterogeneity in ultra-high dimension"

[37] "High dimensional variable selection via tilting"

[38] "Variance estimation using refitted cross-validation in ultrahigh dimensional regression"

[39] "Shrinkage tuning parameter selection with a diverging number of parameters"

[40] "Sure independence screening for ultrahigh dimensional feature space"

[41] "On the non-negative garrote estimator"

[42] "Model selection and estimation in regression with grouped variables"

[43] "Regularization and variable selection via the elastic net"

**Non-parametric Bayesian Statistics**

[1] "Bayesian nonparametric functional data analysis through density estimation"

[2] "Kernel stick-breaking processes"

[3] "Retrospective {M}arkov chain {M}onte {C}arlo methods for {D}irichlet process hierarchical models"

[4] "Bayesian nonparametric inference on stochastic ordering"

[5] "An {ANOVA} model for dependent random measures"

[6] "Bayesian nonparametric spatial modeling with {D}irichlet process mixing"

[7] "Hierarchical {D}irichlet processes"

[8] "Order-based dependent {D}irichlet processes"

[9] "The nested {D}irichlet process"

[10] "The matrix stick-breaking process: flexible {B}ayes meta-analysis"

[11] "Posterior simulation in countable mixture models for large datasets"

[12] "Latent stick-breaking processes"

[13] "Simplex factor models for multivariate unordered categorical data"

[14] "Bayesian density regression"

[15] "A method for combining inference across related nonparametric {B}ayesian models"

**Dimension Reduction**

[1] "Contour projected dimension reduction"

[2] "A constructive approach to the estimation of dimension reduction directions"

[3] "Contour regression: a general approach to dimension reduction"

[4] "Sufficient dimension reduction through discretization-expectation estimation"

[5] "Using the bootstrap to select one of a new class of dimension reduction methods"

[6] "Dimension reduction for multivariate response data"

[7] "Sufficient dimension reduction via inverse regression: a minimum discrepancy approach"

[8] "Fourier methods for estimating the central subspace and the central mean subspace in regression"

[9] "On directional regression for dimension reduction"

[10] "Sliced regression for dimension reduction"

[11] "On a projective resampling method for dimension reduction with multivariate responses"

[12] "Dimension reduction in regressions through cumulative slicing estimation"

[13] "A semiparametric approach to dimension reduction"

[14] "On distribution-weighted partial least squares with diverging number of highly correlated predictors"

**Covariance Estimation in high-dimensional setting**

[1] "Two sample tests for high-dimensional covariance matrices"

[2] "Estimation of (near) low-rank matrices with noise and high-dimensional scaling"

[3] "Optimal rates of convergence for covariance matrix estimation"

[4] "Sparsistency and rates of convergence in large covariance matrix estimation"

[5] "Operator norm consistent estimation of large-dimensional sparse covariance matrices"

[6] "Covariance regularization by thresholding"

[7] "Regularized estimation of large covariance matrices"

[8] "Sparse estimation of a covariance matrix"

[9] "A new approach to {C}holesky-based covariance regularization in high dimensions"

[10] "Model selection and estimation in the {G}aussian graphical model"

[11] "Covariance matrix selection and estimation via penalised normal likelihood"

[12] "Nonparametric estimation of large covariance matrices of longitudinal data"

[13] "Partial correlation estimation by joint sparse regression models"

[14] "Generalized thresholding of large covariance matrices"

[15] "A constrained {$\\ell\_1$} minimization approach to sparse precision matrix estimation"

**Functional / Longitudinal Data Analysis,**

[1] "Factor models and variable selection in high-dimensional regression analysis"

[2] "Uniform convergence rates for nonparametric regression and principal component analysis in functional/longitudinal data"

[3] "Weakly dependent functional data"

[4] "Smoothing splines estimators for functional linear regression"

[5] "Prediction in functional linear regression"

[6] "Properties of principal component methods for functional and longitudinal data analysis"

[7] "Functional linear regression analysis for longitudinal data"

[8] "Generalized functional linear models"

[9] "Functional data analysis for sparse longitudinal data"

[10] "Functional additive models"

[11] "Generalized multilevel functional regression"

[12] "Tests for error correlation in the functional linear model"

[13] "Generalized functional linear models with semiparametric single-index interactions"

[14] "On properties of functional principal components analysis"

[15] "Penalized spline models for functional principal component analysis"

[16] "Functional quasi-likelihood regression models with smooth random effects"

**Mixed Topics**

[1] "Bayesian empirical likelihood for quantile regression"

[2] "Parametric or nonparametric? {A} parametricness index for model selection"

[3] "Estimation of high-dimensional low-rank matrices"

[4] "G{EE} analysis of clustered binary data with diverging number of covariates"

[5] "New efficient estimation and variable selection methods for semiparametric varying-coefficient partially linear models"

[6] "Coordinate-independent sparse sufficient dimension reduction and variable selection"

[7] "Empirical dynamics for longitudinal data"

[8] "Bootstrap consistency for general semiparametric {$M$}-estimation"

[9] "Penalized variable selection procedure for {C}ox models with semiparametric relative risk"

[10] "A two-sample test for high-dimensional data with applications to gene-set testing"

[11] "The composite absolute penalties family for grouped and hierarchical variable selection"

[12] "A semiparametric model for cluster data"

[13] "High-dimensional classification using features annealed independence rules"

[14] "Profile-kernel likelihood inference with diverging number of parameters"

[15] "Dimension reduction based on constrained canonical correlation and variable filtering"

[16] "Statistical performance of support vector machines"

[17] "Properties of higher criticism under strong dependence"

[18] "Variable selection in semiparametric regression modeling"

[19] "On the ``degrees of freedom'' of the lasso"

[20] "Simultaneous adaptation to the margin and to complexity in classification"

[21] "Aggregation for {G}aussian regression"

[22] "Piecewise linear regularized solution paths"

[23] "Quantile regression with varying coefficients"

[24] "Local {R}ademacher complexities and oracle inequalities in risk minimization"

[25] "Best subset selection, persistence in high-dimensional statistical learning and optimization under {$l\_1$} constraint"

[26] "Component selection and smoothing in multivariate nonparametric regression"

[27] "Conditional growth charts"

[28] "Boosting for high-dimensional linear models"

[29] "Adaptive nonparametric confidence sets"

[30] "Adaptive confidence balls"

[31] "Empirical {B}ayes selection of wavelet thresholds"

[32] "Confidence sets for nonparametric wavelet regression"

[33] "New approaches to {B}ayesian consistency"

[34] "Needles and straw in haystacks: empirical {B}ayes estimates of possibly sparse sequences"

[35] "Robust inference for univariate proportional hazards frailty regression models"

[36] "Testing predictor contributions in sufficient dimension reduction"

[37] "Confidence balls in {G}aussian regression"

[38] "Slice sampling"

[39] "A direct approach to sparse discriminant analysis in ultra-high dimensions"

[40] "Efficient semiparametric regression for longitudinal data with nonparametric covariance estimation"

[41] "Adaptive regularization using the entire solution surface"

[42] "Nonparametric additive regression for repeatedly measured data"

[43] "Adaptive {L}asso for {C}ox's proportional hazards model"

[44] "Can the strengths of {AIC} and {BIC} be shared? {A} conflict between model indentification and regression estimation"

[45] "Equivalent kernels of smoothing splines in nonparametric regression for clustered/longitudinal data"

[46] "Efficient estimation of covariance selection models"

[47] "Rank-based inference for the accelerated failure time model"

[48] "Marginal nonparametric kernel regression accounting for within-subject correlation"

[49] "Frequentist model average estimators"

[50] "A lack-of-fit test for quantile regression"

[51] "Wavelet-based nonparametric modeling of hierarchical functions in colon carcinogenesis"

[52] "On {$\\psi$}-learning"

[53] "Clustering for sparsely sampled functional data"

[54] "New estimation and model selection procedures for semiparametric modeling in longitudinal data analysis"

[55] "Inconsistent estimation and asymptotically equal interpolations in model-based geostatistics"

[56] "Nonparametric inferences for additive models"

[57] "Semilinear high-dimensional model for normalization of microarray data: a theoretical analysis and partial consistency"

[58] "Missing-data methods for generalized linear models: a comparative review"

[59] "Efficient semiparametric marginal estimation for longitudinal/clustered data"

[60] "Optimal model assessment, selection, and combination"

[61] "Convexity, classification, and risk bounds"

[62] "Unified {LASSO} estimation by least squares approximation"

[63] "Analysis of longitudinal data with semiparametric estimation of convariance function"

[64] "The multiple adaptations of multiple imputation"

[65] "Strictly proper scoring rules, prediction, and estimation"

[66] "Approximate likelihood for large irregularly spaced spatial data"

[67] "The {B}ayesian lasso"

[68] "Mixtures of {$g$} priors for {B}ayesian variable selection"

[69] "Variable selection in nonparametric varying-coefficient models for analysis of repeated measurements"

[70] "Semiparametric estimation of covariance matrixes for longitudinal data"

[71] "Nonparametric {B}ayes conditional distribution modeling with variable selection"

[72] "On consistency and sparsity for principal components analysis in high dimensions"

[73] "Variable selection for partially linear models with measurement errors"

[74] "Consistent model selection for marginal generalized additive model for correlated data"

[75] "Mat\\'ern cross-covariance functions for multivariate random fields"

[76] "Hierarchical spatial process models for multiple traits in large genetic trials"

[77] "Semiparametric mean-covariance regression analysis for longitudinal data"

[78] "Bayesian inference for general {G}aussian graphical models with application to multivariate lattice data"

[79] "High-dimensional {ODE}s coupled with mixed-effects modeling techniques for dynamic gene regulatory network identification"

[80] "Robust, adaptive functional regression in functional mixed model framework"

[81] "A semiparametric threshold model for censored longitudinal data analysis"

[82] "Bayesian spatial quantile regression"

[83] "Inference with transposable data: modelling the effects of row and column correlations"

[84] "An explicit link between {G}aussian fields and {G}aussian {M}arkov random fields: the stochastic partial differential equation approach"

[85] "Riemann manifold {L}angevin and {H}amiltonian {M}onte {C}arlo methods"

[86] "Maximum likelihood estimation of a multi-dimensional log-concave density"

[87] "Approximate {B}ayesian inference for latent {G}aussian models by using integrated nested {L}aplace approximations"

[88] "Gaussian predictive process models for large spatial data sets"

[89] "{$L\_1$}-regularization path algorithm for generalized linear models"

[90] "Maximum likelihood estimation in semiparametric regression models with censored data"

[91] "Sequential {M}onte {C}arlo samplers"

[92] "Exact and computationally efficient likelihood-based estimation for discretely observed diffusion processes"

[93] "Functional clustering by {B}ayesian wavelet methods"

[94] "Wavelet-based functional mixed models"

[95] "Semiparametric estimation in general repeated measures problems"

[96] "Geometric representation of high dimension, low sample size data"

[97] "Approximating likelihoods for large spatial data sets"

[98] "Adaptive varying-coefficient linear models"