

Mahdi Roozbeh

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

649
citations

567281

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g-index

40
all docs

40
docs citations

40
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	A nonlinear mixed-integer programming approach for variable selection in linear regression model. Communications in Statistics Part B: Simulation and Computation, 2023, 52, 5434-5445.	1.2	4
2	Generalized difference-based weighted mixed almost unbiased liu estimator in semiparametric regression models. Communications in Statistics - Theory and Methods, 2022, 51, 4395-4416.	1.0	1
3	Improved high-dimensional regression models with matrix approximations applied to the comparative case studies with support vector machines. Optimization Methods and Software, 2022, 37, 1912-1929.	2.4	5
4	Ridge regression and its applications in genetic studies. PLoS ONE, 2021, 16, e0245376.	2.5	34
5	Two penalized mixed-integer nonlinear programming approaches to tackle multicollinearity and outliers effects in linear regression models. Journal of Industrial and Management Optimization, 2021, 17, 3475.	1.3	9
6	A High-Dimensional Counterpart for the Ridge Estimator in Multicollinear Situations. Mathematics, 2021, 9, 3057.	2.2	5
7	Using Improved Robust Estimators to Semiparametric Model with High Dimensional Data. Emerging Topics in Statistics and Biostatistics, 2020, , 269-290.	0.1	2
8	Uncertain stochastic ridge estimation in partially linear regression models with elliptically distributed errors. Statistics, 2020, 54, 494-523.	0.6	4
9	Ridge estimation in semi-parametric regression models under the stochastic restriction and correlated elliptically contoured errors. Journal of Computational and Applied Mathematics, 2020, 378, 112940.	2.0	19
10	Intuitionistic Fuzzy Partial Logistic Regression Model Using Ridge Methodology. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2020, 28, 527-543.	1.9	1
11	Generalized Cross-Validation for Simultaneous Optimization of Tuning Parameters in Ridge Regression. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 473-485.	1.5	38
12	Prediction of chronological age based on Demirjian dental age using robust ridge regression method. Koomesh, 2020, 22, 228-236.	0.1	0
13	Improving the prediction performance of the LASSO by subtracting the additive structural noises. Computational Statistics, 2019, 34, 415-432.	1.5	3
14	Generalized difference-based weighted mixed almost unbiased ridge estimator in partially linear models. Statistical Papers, 2019, 60, 1717-1739.	1.2	30
15	Some improved estimation strategies in high-dimensional semiparametric regression models with application to riboflavin production data. Statistical Papers, 2019, 60, 667-686.	1.2	11
16	A heuristic approach to combat multicollinearity in least trimmed squares regression analysis. Applied Mathematical Modelling, 2018, 57, 105-120.	4.2	18
17	Efficiency of the QR class estimator in semiparametric regression models to combat multicollinearity. Journal of Statistical Computation and Simulation, 2018, 88, 1804-1825.	1.2	7
18	Optimal QR-based estimation in partially linear regression models with correlated errors using GCV criterion. Computational Statistics and Data Analysis, 2018, 117, 45-61.	1.2	58

#	ARTICLE	IF	CITATIONS
19	A new difference-based weighted mixed Liu estimator in partially linear models. <i>Statistics</i> , 2018, 52, 1309-1327.	0.6	10
20	A fuzzy robust regression approach applied to bedload transport data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017, 46, 1703-1714.	1.2	28
21	Least-trimmed squares: asymptotic normality of robust estimator in semiparametric regression models. <i>Journal of Statistical Computation and Simulation</i> , 2017, 87, 1130-1147.	1.2	8
22	A revised Cholesky decomposition to combat multicollinearity in multiple regression models. <i>Journal of Statistical Computation and Simulation</i> , 2017, 87, 2298-2308.	1.2	10
23	Efficiency of the generalized-difference-based weighted mixed almost unbiased two-parameter estimator in partially linear model. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 12259-12280.	1.0	16
24	Feasible robust estimator in restricted semiparametric regression models based on the LTS approach. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017, 46, 7332-7350.	1.2	6
25	Shrinkage ridge regression in partial linear models. <i>Communications in Statistics - Theory and Methods</i> , 2016, 45, 6022-6044.	1.0	19
26	A class of biased estimators based on QR decomposition. <i>Linear Algebra and Its Applications</i> , 2016, 508, 190-205.	0.9	7
27	Extended least trimmed squares estimator in semiparametric regression models with correlated errors. <i>Journal of Statistical Computation and Simulation</i> , 2016, 86, 357-372.	1.2	11
28	Robust ridge estimator in restricted semiparametric regression models. <i>Journal of Multivariate Analysis</i> , 2016, 147, 127-144.	1.0	28
29	Least trimmed squares ridge estimation in partially linear regression models. <i>Journal of Statistical Computation and Simulation</i> , 2016, 86, 2766-2780.	1.2	14
30	New Ridge Regression Estimator in Semiparametric Regression Models. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2016, 45, 3683-3715.	1.2	5
31	Shrinkage ridge estimators in semiparametric regression models. <i>Journal of Multivariate Analysis</i> , 2015, 136, 56-74.	1.0	41
32	Optimal partial ridge estimation in restricted semiparametric regression models. <i>Journal of Multivariate Analysis</i> , 2015, 136, 26-40.	1.0	63
33	Shrinkage estimation in system regression model. <i>Computational Statistics</i> , 2015, 30, 359-376.	1.5	5
34	Efficiency of the generalized difference-based Liu estimators in semiparametric regression models with correlated errors. <i>Journal of Statistical Computation and Simulation</i> , 2015, 85, 147-165.	1.2	25
35	Feasible Ridge Estimator in Seemingly Unrelated Semiparametric Models. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2014, 43, 2593-2613.	1.2	9
36	Feasible ridge estimator in partially linear models. <i>Journal of Multivariate Analysis</i> , 2013, 116, 35-44.	1.0	47

#	ARTICLE	IF	CITATIONS
37	A note on Stein-type shrinkage estimator in partial linear models. <i>Statistics</i> , 2012, 46, 673-685.	0.6	4
38	Seemingly Unrelated Ridge Regression in Semiparametric Models. <i>Communications in Statistics - Theory and Methods</i> , 2012, 41, 1364-1386.	1.0	10
39	Ridge regression methodology in partial linear models with correlated errors. <i>Journal of Statistical Computation and Simulation</i> , 2011, 81, 517-528.	1.2	24
40	Semiparametric Ridge Regression Approach in Partially Linear Models. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2010, 39, 449-460.	1.2	10