

Rebecca A Betensky

List of Publications by Year in descending order

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114
papers

3,753
citations

172457

29
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149698

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127
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127
docs citations

127
times ranked

6359
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonparametric and Semiparametric Estimation with Sequentially Truncated Survival Data. <i>Biometrics</i> , 2023, 79, 1000-1013.	1.4	0
2	Nonparametric estimation of the survival distribution under covariate-induced dependent truncation. <i>Biometrics</i> , 2022, 78, 1390-1401.	1.4	5
3	Platelet Function Is Associated With Dementia Risk in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2022, 11, e023918.	3.7	11
4	Sex and Race Differences in the Evaluation and Treatment of Young Adults Presenting to the Emergency Department With Chest Pain. <i>Journal of the American Heart Association</i> , 2022, 11, e024199.	3.7	19
5	Defining the Lowest Threshold for Amyloid-PET to Predict Future Cognitive Decline and Amyloid Accumulation. <i>Neurology</i> , 2021, 96, e619-e631.	1.1	45
6	Displaying survival of patient groups defined by covariate paths: Extensions of the Kaplan-Meier estimator. <i>Statistics in Medicine</i> , 2021, 40, 2024-2036.	1.6	5
7	Seizure risk with repetitive TMS: Survey results from over a half-million treatment sessions. <i>Brain Stimulation</i> , 2021, 14, 965-973.	1.6	14
8	Reply to Tendler et al. <i>Brain Stimulation</i> , 2021, 14, 1216-1217.	1.6	0
9	The Neutrophil to Lymphocyte Ratio Is Associated With the Risk of Subsequent Dementia in the Framingham Heart Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 773984.	3.4	19
10	Association of anxiety with subcortical amyloidosis in cognitively normal older adults. <i>Molecular Psychiatry</i> , 2020, 25, 2599-2607.	7.9	28
11	Inverse probability weighting methods for Cox regression with right-truncated data. <i>Biometrics</i> , 2020, 76, 484-495.	1.4	13
12	Exploring Predictors of Response to Dacomitinib in EGFR-Amplified Recurrent Glioblastoma. <i>JCO Precision Oncology</i> , 2020, 4, 593-613.	3.0	21
13	Prediagnostic adult body mass index change and esophageal adenocarcinoma survival. <i>Cancer Medicine</i> , 2020, 9, 3613-3622.	2.8	7
14	Serum Levels of 25-Hydroxyvitamin D at Diagnosis Are Not Associated with Overall Survival in Esophageal Adenocarcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 1379-1387.	2.5	0
15	The p -Value Requires Context, Not a Threshold. <i>American Statistician</i> , 2019, 73, 115-117.	1.6	113
16	Targeted genotyping for the prediction of celiac disease autoimmunity development in patients with type 1 diabetes and their family members. <i>World Journal of Diabetes</i> , 2019, 10, 189-199.	3.5	3
17	Transformation model estimation of survival under dependent truncation and independent censoring. <i>Statistical Methods in Medical Research</i> , 2019, 28, 3785-3798.	1.5	25
18	Wide Range of Clinical Outcomes in Patients with Gliomatosis Cerebri Growth Pattern: A Clinical, Radiographic, and Histopathologic Study. <i>Oncologist</i> , 2019, 24, 402-413.	3.7	3

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19	Opposing Roles of apolipoprotein E in aging and neurodegeneration. <i>Life Science Alliance</i> , 2019, 2, e201900325.	2.8	20
20	Integration of risk factors for Parkinson disease in 2 large longitudinal cohorts. <i>Neurology</i> , 2018, 90, e1646-e1653.	1.1	17
21	Tau induces blood vessel abnormalities and angiogenesis-related gene expression in P301L transgenic mice and human Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1289-E1298.	7.1	224
22	Time-to-event data with time-varying biomarkers measured only at study entry, with applications to Alzheimer's disease. <i>Statistics in Medicine</i> , 2018, 37, 914-932.	1.6	2
23	Immunophenotyping of pediatric brain tumors: correlating immune infiltrate with histology, mutational load, and survival and assessing clonal T cell response. <i>Journal of Neuro-Oncology</i> , 2018, 137, 269-278.	2.9	42
24	Reader response: Systematic review and statistical analysis of the integrity of 33 randomized controlled trials. <i>Neurology</i> , 2018, 90, 578-578.	1.1	0
25	Biomarker validation with an imperfect reference: Issues and bounds. <i>Statistical Methods in Medical Research</i> , 2018, 27, 2933-2945.	1.5	9
26	An optimal Wilcoxon-Mann-Whitney test of mortality and a continuous outcome. <i>Statistical Methods in Medical Research</i> , 2018, 27, 2384-2400.	1.5	13
27	Inverse Probability Weighted Cox Regression for Doubly Truncated Data. <i>Biometrics</i> , 2018, 74, 481-487.	1.4	21
28	Probing tumor microenvironment in patients with newly diagnosed glioblastoma during chemoradiation and adjuvant temozolomide with functional MRI. <i>Scientific Reports</i> , 2018, 8, 17062.	3.3	11
29	PET staging of amyloidosis using striatum. <i>Alzheimer's and Dementia</i> , 2018, 14, 1281-1292.	0.8	93
30	rBPI ₂₁ (opebacan) promotes rapid trilineage hematopoietic recovery in a murine model of high-dose total body irradiation. <i>American Journal of Hematology</i> , 2018, 93, 1002-1013.	4.1	5
31	Threshold Regression to Accommodate a Censored Covariate. <i>Biometrics</i> , 2018, 74, 1261-1270.	1.4	9
32	Permutation tests for general dependent truncation. <i>Computational Statistics and Data Analysis</i> , 2018, 128, 308-324.	1.2	12
33	The Prognostic Value of Histopathologic Lesions in Native Kidney Biopsy Specimens: Results from the Boston Kidney Biopsy Cohort Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2213-2224.	6.1	125
34	Neuronal calcineurin transcriptional targets parallel changes observed in Alzheimer disease brain. <i>Journal of Neurochemistry</i> , 2018, 147, 24-39.	3.9	14
35	Linear Regression with a Randomly Censored Covariate: Application to an Alzheimer's Study. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2017, 66, 313-328.	1.0	16
36	Fluorodeoxyglucose metabolism associated with tau-amyloid interaction predicts memory decline. <i>Annals of Neurology</i> , 2017, 81, 583-596.	5.3	110

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37	Soluble oligomeric amyloid- β^2 induces calcium dyshomeostasis that precedes synapse loss in the living mouse brain. <i>Molecular Neurodegeneration</i> , 2017, 12, 27.	10.8	120
38	Association of cancer and Alzheimer's disease risk in a national cohort of veterans. <i>Alzheimer's and Dementia</i> , 2017, 13, 1364-1370.	0.8	87
39	Cognitive resilience in clinical and preclinical Alzheimer's disease: the Association of Amyloid and Tau Burden on cognitive performance. <i>Brain Imaging and Behavior</i> , 2017, 11, 383-390.	2.1	54
40	Correlation among baseline variables yields non-uniformity of p-values. <i>PLoS ONE</i> , 2017, 12, e0184531.	2.5	8
41	APOE-related risk of mild cognitive impairment and dementia for prevention trials: An analysis of four cohorts. <i>PLoS Medicine</i> , 2017, 14, e1002254.	8.4	110
42	IC-13: Pet Staging of Amyloidosis: Evidence that Amyloid Occurs First in Neocortex and Later in Striatum. <i>Alzheimer's and Dementia</i> , 2016, 12, P20.	0.8	1
43	O4-05: Pet Staging of Amyloidosis: Evidence that Amyloid Occurs First in Neocortex and Later in Striatum. <i>Alzheimer's and Dementia</i> , 2016, 12, P349.	0.8	0
44	Episodic memory of odors stratifies Alzheimer biomarkers in normal elderly. <i>Annals of Neurology</i> , 2016, 80, 846-857.	5.3	36
45	Decreased hippocampal metabolism in high-amyloid mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2016, 12, 1288-1296.	0.8	23
46	Comparison of Urine Output among Patients Treated with More Intensive Versus Less Intensive RRT: Results from the Acute Renal Failure Trial Network Study. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 1335-1342.	4.5	23
47	Thioesterase superfamily member 1 suppresses cold thermogenesis by limiting the oxidation of lipid droplet-derived fatty acids in brown adipose tissue. <i>Molecular Metabolism</i> , 2016, 5, 340-351.	6.5	39
48	Multiple imputation of a randomly censored covariate improves logistic regression analysis. <i>Journal of Applied Statistics</i> , 2016, 43, 2886-2896.	1.3	5
49	Retinal Dystrophy and Optic Nerve Pathology in the Mouse Model of Mucopolipidosis IV. <i>American Journal of Pathology</i> , 2016, 186, 199-209.	3.8	22
50	Maternal dementia age at onset in relation to amyloid burden in non-demented elderly offspring. <i>Neurobiology of Aging</i> , 2016, 40, 61-67.	3.1	11
51	Plaque-Associated Local Toxicity Increases over the Clinical Course of Alzheimer Disease. <i>American Journal of Pathology</i> , 2016, 186, 375-384.	3.8	73
52	Recognizing the problem of delayed entry in time-to-event studies: Better late than never for clinical neuroscientists. <i>Annals of Neurology</i> , 2015, 78, 839-844.	5.3	19
53	Computationally simple analysis of matched, outcome-based studies of ordinal disease states. <i>Statistics in Medicine</i> , 2015, 34, 2514-2527.	1.6	0
54	Measures of follow-up in time-to-event studies: Why provide them and what should they be?. <i>Clinical Trials</i> , 2015, 12, 403-408.	1.6	41

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55	Reductions in Red Blood Cell 2,3-Diphosphoglycerate Concentration during Continuous Renal Replacment Therapy. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 74-79.	4.5	29
56	Clinical Pertinence Metric Enables Hypothesis-Independent Genome-Phenome Analysis for Neurologic Diagnosis. <i>Journal of Child Neurology</i> , 2015, 30, 881-888.	1.4	10
57	A Pairwise Naïve Bayes Approach to Bayesian Classification. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2015, 29, 1550023.	1.2	6
58	Matrix metalloproteinase 9-mediated intracerebral hemorrhage induced by cerebral amyloid angiopathy. <i>Neurobiology of Aging</i> , 2015, 36, 2963-2971.	3.1	36
59	Research participant compensation: A matter of statistical inference as well as ethics. <i>Contemporary Clinical Trials</i> , 2015, 45, 265-269.	1.8	5
60	The effect of hospital care on early survival after penetrating trauma. <i>Injury Epidemiology</i> , 2014, 1, 24.	1.8	5
61	Amyloid and <i>APOE</i> $\epsilon 4$ interact to influence short-term decline in preclinical Alzheimer disease. <i>Neurology</i> , 2014, 82, 1760-1767.	1.1	246
62	Synergistic Effect of β -Amyloid and Neurodegeneration on Cognitive Decline in Clinically Normal Individuals. <i>JAMA Neurology</i> , 2014, 71, 1379.	9.0	273
63	Eliminating bias due to censoring in Kendall's tau estimators for quasi-independence of truncation and failure. <i>Computational Statistics and Data Analysis</i> , 2014, 73, 16-26.	1.2	9
64	Computationally simple estimation and improved efficiency for special cases of double truncation. <i>Lifetime Data Analysis</i> , 2014, 20, 335-354.	0.9	12
65	Variable importance in matched case-control studies in settings of high dimensional data. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2014, 63, 639-655.	1.0	13
66	Anti-ApoE Antibody Given after Plaque Onset Decreases β Accumulation and Improves Brain Function in a Mouse Model of β Amyloidosis. <i>Journal of Neuroscience</i> , 2014, 34, 7281-7292.	3.6	102
67	Blood Kidney Injury Molecule-1 Is a Biomarker of Acute and Chronic Kidney Injury and Predicts Progression to ESRD in Type I Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2177-2186.	6.1	341
68	Assumptions regarding right censoring in the presence of left truncation. <i>Statistics and Probability Letters</i> , 2014, 87, 12-17.	0.7	10
69	Estimating the effect of emergency care on early survival after traffic crashes. <i>Accident Analysis and Prevention</i> , 2013, 60, 141-147.	5.7	39
70	Inhibition of the NFAT Pathway Alleviates Amyloid Beta Neurotoxicity in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2012, 32, 3176-3192.	3.6	92
71	Calcineurin inhibition with systemic FK506 treatment increases dendritic branching and dendritic spine density in healthy adult mouse brain. <i>Neuroscience Letters</i> , 2011, 487, 260-263.	2.1	40
72	Prognostic value of tumor microinvasion and metalloproteinases expression in intracranial pediatric ependymomas. <i>FASEB Journal</i> , 2008, 22, 706.8.	0.5	0

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73	Effect of Gelsolin on Cerebral Amyloid Angiopathy (CAA) in Transgenic Mice. FASEB Journal, 2008, 22, 167-9.	0.5	0
74	Tests of association under misclassification: Application to histological sampling in oncology. Statistics in Medicine, 2007, 26, 4808-4816.	1.6	0
75	EFFECT OF PASSIVE IMMUNOTHERAPY ON THE RATE OF PROGRESSION OF CEREBRAL AMYLOID ANGIOPATHY (CAA) IN TRANSGENIC MICE. FASEB Journal, 2007, 21, A73.	0.5	0
76	Hospital Volume versus Outcome: An Unusual Example of Bivariate Association. Biometrics, 2006, 62, 598-604.	1.4	3
77	Effects of unmeasured heterogeneity in the linear transformation model for censored data. Lifetime Data Analysis, 2006, 12, 191-203.	0.9	2
78	Methods to classify familial relationships in the presence of laboratory errors, without parental data. Human Genetics, 2006, 119, 642-648.	3.8	1
79	Analysis of familial aggregation in the presence of varying family sizes. Journal of the Royal Statistical Society Series C: Applied Statistics, 2005, 54, 847-862.	1.0	5
80	Testing Quasi-Independence of Failure and Truncation Times via Conditional Kendall's Tau. Journal of the American Statistical Association, 2005, 100, 484-492.	3.1	77
81	Statistical Considerations for Immunohistochemistry Panel Development after Gene Expression Profiling of Human Cancers. Journal of Molecular Diagnostics, 2005, 7, 276-282.	2.8	3
82	Power calculations for familial aggregation studies. Genetic Epidemiology, 2004, 26, 316-327.	1.3	6
83	Analysis of a molecular genetic neuro-oncology study with partially biased selection. Biostatistics, 2003, 4, 167-178.	1.5	2
84	Influence of Unrecognized Molecular Heterogeneity on Randomized Clinical Trials. Journal of Clinical Oncology, 2002, 20, 2495-2499.	1.6	160
85	Local likelihood analysis of the latency distribution with interval censored intermediate events. Statistics in Medicine, 2002, 21, 3475-3491.	1.6	4
86	A local likelihood proportional hazards model for interval censored data. Statistics in Medicine, 2002, 21, 263-275.	1.6	54
87	Testing for Dependence Between Failure Time and Visit Compliance with Interval-Censored Data. Biometrics, 2002, 58, 58-63.	1.4	18
88	The Use of Frailty Hazard Models for Unrecognized Heterogeneity That Interacts with Treatment: Considerations of Efficiency and Power. Biometrics, 2002, 58, 232-236.	1.4	14
89	Local Likelihood Analysis of Survival Data With Censored Intermediate Events. Journal of the American Statistical Association, 2001, 96, 449-457.	3.1	7
90	Optimally selected chi square statistics for equivalence testing. Journal of Statistical Planning and Inference, 2001, 93, 247-257.	0.6	4

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91	A computationally simple test of homogeneity of odds ratios for twin data. Genetic Epidemiology, 2001, 20, 228-238.	1.3	21
92	Nonparametric Estimation in a Cure Model with Random Cure Times. Biometrics, 2001, 57, 282-286.	1.4	37
93	A comparison of models for clustered binary outcomes: analysis of a designed immunology experiment. Journal of the Royal Statistical Society Series C: Applied Statistics, 2001, 50, 43-61.	1.0	5
94	A computationally simple test of homogeneity of odds ratios for twin data. Genetic Epidemiology, 2001, 20, 228-238.	1.3	2
95	Multiple imputation for simple estimation of the hazard function based on interval censored data. , 2000, 19, 405-419.		19
96	Redistribution algorithms for censored data. Statistics and Probability Letters, 2000, 46, 385-389.	0.7	4
97	Using Conditional Logistic Regression to Fit Proportional Odds Models to Interval Censored Data. Biometrics, 2000, 56, 511-518.	1.4	40
98	Approximating the Distribution of Maximally Selected McNemar's Statistics. Biometrics, 2000, 56, 897-902.	1.4	9
99	Alternative Derivations of a Rule for Early Stopping in Favor of H_0 . American Statistician, 2000, 54, 35-39.	1.6	8
100	Local EM Estimation of the Hazard Function for Interval-Censored Data. Biometrics, 1999, 55, 238-245.	1.4	40
101	Maximally Selected χ^2 Statistics for $k \times 2$ Tables. Biometrics, 1999, 55, 317-320.	1.4	22
102	A non-parametric maximum likelihood estimator for bivariate interval censored data. , 1999, 18, 3089-3100.		52
103	An extension of Kendall's coefficient of concordance to bivariate interval censored data. , 1999, 18, 3101-3109.		21
104	An extension of Kendall's coefficient of concordance to bivariate interval censored data. Statistics in Medicine, 1999, 18, 3101-3109.	1.6	1
105	Predictive Value of CD19 Measurements for Bacterial Infections in Children Infected with Human Immunodeficiency Virus. Vaccine Journal, 1999, 6, 247-253.	2.6	6
106	A boundary crossing probability for the Bessel process. Advances in Applied Probability, 1998, 30, 807-830.	0.7	3
107	A boundary crossing probability for the Bessel process. Advances in Applied Probability, 1998, 30, 807-830.	0.7	3
108	CONDITIONAL POWER CALCULATIONS FOR EARLY ACCEPTANCE OF H_0 EMBEDDED IN SEQUENTIAL TESTS. , 1997, 16, 465-477.		25

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109	Local estimation of smooth curves for longitudinal data. , 1997, 16, 2429-2445.		15
110	An examination of methods for sample size recalculation during an experiment. , 1997, 16, 2587-2598.		22
111	Local estimation of smooth curves for longitudinal data. <i>Statistics in Medicine</i> , 1997, 16, 2429-2445.	1.6	6
112	Concordance measures and time-dependent ROC methods. <i>Biostatistics and Epidemiology</i> , 0, , 1-18.	0.4	1
113	Transformation model based regression with dependently truncated and independently censored data. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 0, , .	1.0	0
114	Nonparametric bounds for the survivor function under general dependent truncation. <i>Scandinavian Journal of Statistics</i> , 0, , .	1.4	0