Yi-Hau Chen

List of Publications by Year in descending order

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VI-HALL CHEN

#	Article	IF	CITATIONS
1	Overlapping group screening for detection of gene-environment interactions with application to TCGA high-dimensional survival genomic data. BMC Bioinformatics, 2022, 23, .	2.6	1
2	Distribution-free regression model selection with a nested spatial correlation structure. Spatial Statistics, 2021, 41, 100476.	1.9	1
3	Implementing horizontal-to-vertical Fourier spectral ratios and spatial correlation in a ground-motion prediction equation to predict site effects. Earthquake Spectra, 2021, 37, 827-856.	3.1	10
4	A novel cross-validation strategy for artificial neural networks using distributed-lag environmental factors. PLoS ONE, 2021, 16, e0244094.	2.5	2
5	Study Protocol for radiation exposure and cancer risk assessment- The Taiwan Nuclear Power Plants and Epidemiology Cohort Study (TNPECS). Journal of Epidemiology, 2021, , .	2.4	0
6	Extensions of the distributed lag non-linear model (DLNM) to account for cumulative mortality. Environmental Science and Pollution Research, 2021, 28, 38679-38688.	5.3	6
7	Quantile function regression analysis for interval censored data, with application to salary survey data. Japanese Journal of Statistics and Data Science, 2021, 4, 999-1018.	1.2	3
8	The Association between Migraine and Depression based on miRNA Biomarkers and Cohort Studies. Current Medicinal Chemistry, 2021, 28, 5648-5656.	2.4	11
9	Network-adjusted Kendall's Tau Measure for Feature Screening with Application to High-dimensional Survival Genomic Data. Bioinformatics, 2021, 37, 2150-2156.	4.1	4
10	microRNA Biomarkers in Clinical Study. Biomolecules, 2021, 11, 1810.	4.0	1
11	Discreteâ€ŧime survival data with longitudinal covariates. Statistics in Medicine, 2020, 39, 4372-4385.	1.6	3
12	<p>Exploring Diversity of COVIDâ€ʿ19 Based on Substitution Distance</p> . Infection and Drug Resistance, 2020, Volume 13, 3887-3894.	2.7	6
13	Semiparametric copulaâ€based analysis for treatment effects in the presence of treatment switching. Statistics in Medicine, 2020, 39, 2936-2948.	1.6	0
14	Joint analysis of panel count and intervalâ€censored data using distributionâ€free frailty analysis. Biometrical Journal, 2020, 62, 1164-1175.	1.0	3
15	Interaction screening by Kendall's partial correlation for ultrahigh-dimensional data with survival trait. Bioinformatics, 2020, 36, 2763-2769.	4.1	7
16	The Association between Depression and Gastroesophageal Reflux based on Phylogenetic Analysis of miRNA Biomarkers. Current Medicinal Chemistry, 2020, 27, 6536-6547.	2.4	17
17	Assessing wage status transition and stagnation using quantile transition regression. Annals of Applied Statistics, 2020, 14, .	1.1	0
18	A Novel Regression Analysis Method for Randomly Truncated Strong-Motion Data. Earthquake Spectra, 2019, 35, 977-1001.	3.1	9

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19	Regularized approach for data missing not at random. Statistical Methods in Medical Research, 2019, 28, 134-150.	1.5	7
20	Sample size determination for semiparametric analysis of current status data. Statistical Methods in Medical Research, 2019, 28, 2247-2257.	1.5	1
21	Pseudo and Conditional Score Approach to Joint Analysis of Current Count and Current Status Data. Biometrics, 2018, 74, 1223-1231.	1.4	4
22	Analysis of Survival Data with Dependent Censoring. SpringerBriefs in Statistics, 2018, , .	0.4	38
23	Model Selection for Semiparametric Marginal Mean Regression Accounting for Within-Cluster Subsampling Variability and Informative Cluster Size. Biometrics, 2018, 74, 934-943.	1.4	2
24	Joint model selection of marginal mean regression and correlation structure for longitudinal data with missing outcome and covariates. Biometrical Journal, 2018, 60, 20-33.	1.0	2
25	Overlapping group screening for detection of gene-gene interactions: application to gene expression profiles with survival trait. BMC Bioinformatics, 2018, 19, 335.	2.6	4
26	Introduction to Survival Analysis. SpringerBriefs in Statistics, 2018, , 9-26.	0.4	0
27	Copula Models for Dependent Censoring. SpringerBriefs in Statistics, 2018, , 27-40.	0.4	0
28	Gene Selection and Survival Prediction Under Dependent Censoring. SpringerBriefs in Statistics, 2018, , 57-70.	0.4	0
29	Optimization of Lookup Table Size in Table-Bound Design of Function Computation. , 2018, , .		4
30	Hierarchical Multipartite Function Evaluation. IEEE Transactions on Computers, 2017, 66, 89-99.	3.4	22
31	Joint Regression Analysis of Marginal Quantile and Quantile Association: Application to Longitudinal Body Mass Index in Adolescents. Journal of the Royal Statistical Society Series C: Applied Statistics, 2017, 66, 1075-1090.	1.0	2
32	Composite marginal quantile regression analysis for longitudinal adolescent body mass index data. Statistics in Medicine, 2017, 36, 3380-3397.	1.6	4
33	Regression analysis for bivariate gap time with missing first gap time data. Lifetime Data Analysis, 2017, 23, 83-101.	0.9	0
34	Subdistribution Regression for Recurrent Events Under Competing Risks: with Application to Shunt Thrombosis Study in Dialysis Patients. Statistics in Biosciences, 2017, 9, 339-356.	1.2	3
35	Estimating links of a network from time to event data. Annals of Applied Statistics, 2017, 11, .	1.1	0
36	A knowledge-based T2-statistic to perform pathway analysis for quantitative proteomic data. PLoS Computational Biology, 2017, 13, e1005601.	3.2	1

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37	Semiparametric regression analysis of recurrent gap times in the presence of competing risks. Statistica Sinica, 2017, , .	0.3	0
38	Gene selection for survival data under dependent censoring: A copula-based approach. Statistical Methods in Medical Research, 2016, 25, 2840-2857.	1.5	55
39	Optimal linear combination of biomarkers for multiâ€category diagnosis. Statistics in Medicine, 2016, 35, 202-213.	1.6	7
40	Joint analysis of current count and current status data. Journal of Multivariate Analysis, 2016, 143, 153-164.	1.0	4
41	Constrained Maximum Likelihood Estimation for Model Calibration Using Summary-Level Information From External Big Data Sources. Journal of the American Statistical Association, 2016, 111, 107-117.	3.1	87
42	Dissecting multiple imputation from a multi-phase inference perspective: what happens when God's, imputer's and analyst's models are uncongenial?. Statistica Sinica, 2016, , .	0.3	12
43	Model selection for marginal regression analysis of longitudinal data with missing observations and covariate measurement error. Biostatistics, 2015, 16, 740-753.	1.5	6
44	Semiparametric analysis of incomplete current status outcome data under transformation models. Biometrics, 2014, 70, 335-345.	1.4	4
45	Adjustment for Missing Confounders in Studies Based on Observational Databases: 2-Stage Calibration Combining Propensity Scores From Primary and Validation Data. American Journal of Epidemiology, 2014, 180, 308-317.	3.4	33
46	Testing goodnessâ€ofâ€fit for the proportional hazards model based on nested case–control data. Biometrics, 2014, 70, 845-851.	1.4	4
47	A class of semiparametric transformation models for survival data with a cured proportion. Lifetime Data Analysis, 2014, 20, 369-386.	0.9	8
48	The Logistic Regression Model for Gene-Environment Interactions Using Both Case-Parent Trios and Unrelated Case-Controls. Annals of Human Genetics, 2014, 78, 299-305.	0.8	1
49	A functional inference approach for interval-censored data with covariate measurement error. Statistica Sinica, 2014, , .	0.3	0
50	Model selection of generalized estimating equations with multiply imputed longitudinal data. Biometrical Journal, 2013, 55, 899-911.	1.0	28
51	A method for analyzing clustered interval ensored data based on Cox's model. Statistics in Medicine, 2013, 32, 822-832.	1.6	19
52	Using shared genetic controls in studies of gene-environment interactions. Biometrika, 2013, 100, 319-338.	2.4	4
53	Assessing ageâ€∎tâ€onset risk factors with incomplete covariate current status data under proportional odds models. Statistics in Medicine, 2013, 32, 2001-2012.	1.6	6
54	A FRAILTY MODEL APPROACH FOR REGRESSION ANALYSIS OF BIVARIATE INTERVAL-CENSORED SURVIVAL DATA. Statistica Sinica, 2013, , .	0.3	1

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55	Assessing Dose–Region Profile of Drug Efficacy: A Multiregional Trial Strategy. Journal of Biopharmaceutical Statistics, 2012, 22, 894-902.	0.8	1
56	Survival Prediction Based on Compound Covariate under Cox Proportional Hazard Models. PLoS ONE, 2012, 7, e47627.	2.5	26
57	Model Selection for Generalized Estimating Equations Accommodating Dropout Missingness. Biometrics, 2012, 68, 1046-1054.	1.4	42
58	Conditional Score Approach to Errorsâ€inâ€Variable Current Status Data Under the Proportional Odds Model. Scandinavian Journal of Statistics, 2012, 39, 635-644.	1.4	6
59	Maximum likelihood analysis of semicompeting risks data with semiparametric regression models. Lifetime Data Analysis, 2012, 18, 36-57.	0.9	38
60	Nonparametric maximum likelihood analysis of clustered current status data with the gamma-frailty Cox model. Computational Statistics and Data Analysis, 2011, 55, 1053-1060.	1.2	19
61	Semiparametric Marginal Regression Analysis for Dependent Competing Risks Under an Assumed Copula. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2010, 72, 235-251.	2.2	64
62	Association Analysis under Population Stratification: A Two-Stage Procedure Utilizing Population- and Family-Based Analyses. Human Heredity, 2010, 69, 160-170.	0.8	6
63	Analysis of Case-Control Association Studies: SNPs, Imputation and Haplotypes. Statistical Science, 2009, 24, 489-502.	2.8	19
64	Shrinkage Estimators for Robust and Efficient Inference in Haplotype-Based Case-Control Studies. Journal of the American Statistical Association, 2009, 104, 220-233.	3.1	56
65	Weighted Breslow-type and maximum likelihood estimation in semiparametric transformation models. Biometrika, 2009, 96, 591-600.	2.4	36
66	A Bayesian Approach to Evaluating Regional Treatment Effect in a Multiregional Trial. Journal of Biopharmaceutical Statistics, 2009, 19, 900-915.	0.8	10
67	Twoâ€stage analysis for geneâ€environment interaction utilizing both caseâ€only and familyâ€based analysis. Genetic Epidemiology, 2009, 33, 95-104.	1.3	9
68	Case-cohort analysis with semiparametric transformation models. Journal of Statistical Planning and Inference, 2009, 139, 3706-3717.	0.6	16
69	Associations of Physician Volume and Weekend Admissions With Ischemic Stroke Outcome in Taiwan. Medical Care, 2009, 47, 1018-1025.	2.4	71
70	Simple association analysis combining data from trios/sibships and unrelated controls. Genetic Epidemiology, 2008, 32, 520-527.	1.3	23
71	Retrospective analysis of haplotype-based case-control studies under a flexible model for gene-environment association. Biostatistics, 2008, 9, 81-99.	1.5	22
72	Maximum likelihood inference on a mixed conditionally and marginally specified regression model for genetic epidemiologic studies with two-phase sampling. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2007, 69, 123-142.	2.2	12

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73	A semiparametric pseudo-score method for analysis of two-phase studies with continuous phase-l covariates. Lifetime Data Analysis, 2007, 13, 607-622.	0.9	5
74	HLA typing associated with hepatitis B E antigen seroconversion in children with chronic hepatitis B virus infection: A long-term prospective sibling cohort study in Taiwan. Journal of Pediatrics, 2006, 148, 647-651.e1.	1.8	18
75	Bone Mineral Density in Long-Term Chinese Heart Transplant Recipients: A Cross-Sectional Study. Transplantation Proceedings, 2006, 38, 2141-2144.	0.6	12
76	Multinomial logistic regression approach to haplotype association analysis in population-based case-control studies. BMC Genetics, 2006, 7, 43.	2.7	9
77	The Path Effect in Ground-Motion Variability: An Application of the Variance-Components Technique. Bulletin of the Seismological Society of America, 2006, 96, 1170-1176.	2.3	18
78	Computationally efficient Monte Carlo EM algorithms for generalized linear mixed models. Journal of Statistical Computation and Simulation, 2006, 76, 817-828.	1.2	2
79	New approach to association testing in case-parent designs under informative parental missingness. Genetic Epidemiology, 2004, 27, 131-140.	1.3	29
80	A Pseudoscore Estimator for Regression Problems With Two-Phase Sampling. Journal of the American Statistical Association, 2003, 98, 158-168.	3.1	113
81	SAMPLE SIZE AND OPTIMAL DESIGNS IN STRATIFIED COMPARATIVE TRIALS TO ESTABLISH THE EQUIVALENCE OF TREATMENT EFFECTS AMONG TWO ETHNIC GROUPS. Journal of Biopharmaceutical Statistics, 2002, 12, 553-566.	0.8	1
82	A New Method for Estimation of the Attenuation Relationship with Variance Components. Bulletin of the Seismological Society of America, 2002, 92, 1984-1991.	2.3	70
83	Cox regression in cohort studies with validation sampling. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2002, 64, 51-62.	2.2	31
84	A Unified Approach to Regression Analysis Under Double-Sampling Designs. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2000, 62, 449-460.	2.2	54
85	Miscellanea. A robust imputation method for surrogate outcome data. Biometrika, 2000, 87, 711-716.	2.4	17
86	Incomplete covariates data in generalized linear models. Journal of Statistical Planning and Inference, 1999, 79, 247-258.	0.6	4
87	Classes of life distributions and renewal counting process. Journal of Applied Probability, 1994, 31, 1110-1115.	0.7	38