Vicente Cancho

List of Publications by Year
in descending order

87	1,491	304602 22	360920 35
papers	citations	h-index	g-index

88	88	88	527
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the unification of long-term survival models. Statistics and Probability Letters, 2009, 79, 753-759.	0.4	112
2	COMâ€“Poisson cure rate survival models and an application to a cutaneous melanoma data. Journal of Statistical Planning and Inference, 2009, 139, 3605-3611.	0.4	111
3	The Poisson-exponential lifetime distribution. Computational Statistics and Data Analysis, 2011, 55, 677-686.	0.7	93
4	The complementary exponential geometric distribution: Model, properties, and a comparison with its counterpart. Computational Statistics and Data Analysis, 2011, 55, 2516-2524.	0.7	68
5	Generalized log-gamma regression models with cure fraction. Lifetime Data Analysis, 2009, 15, 79-106.	0.4	60
6	Log-Burr XII regression models with censored data. Computational Statistics and Data Analysis, 2008, 52, 3820-3842.	0.7	59
7	Destructive weighted Poisson cure rate models. Lifetime Data Analysis, 2011, 17, 333-346.	0.4	54
8	A nonlinear regression model with skew-normal errors. Statistical Papers, 2010, 51, 547-558.	0.7	50
9	A flexible model for survival data with a cure rate: a Bayesian approach. Journal of Applied Statistics, 2011, 38, 57-70.	0.6	44
10	Bayesian nonlinear regression models with scale mixtures of skew-normal distributions: Estimation and case influence diagnostics. Computational Statistics and Data Analysis, 2011, 55, 588-602.	0.7	44
11	The log-exponentiated Weibull regression model for interval-censored data. Computational Statistics and Data Analysis, 2010, 54, 1017-1035.	0.7	41
12	Robust linear mixed models with skew-normal independent distributions from a Bayesian perspective. Journal of Statistical Planning and Inference, 2009, 139, 4098-4110.	0.4	40
13	A Bayesian Longâ€term Survival Model Parametrized in the Cured Fraction. Biometrical Journal, 2009, 51, 443-455.	0.6	38
14	The complementary exponential power series distribution. Brazilian Journal of Probability and Statistics, 2013, 27, .	0.1	38
15	A power series beta Weibull regression model for predicting breast carcinoma. Statistics in Medicine, 2015, 34, 1366-1388.	0.8	35
16	On estimation and influence diagnostics for log-Birnbaumâ€“Saunders Student-t regression models: Full Bayesian analysis. Journal of Statistical Planning and Inference, 2010, 140, 2486-2496.	0.4	31
17	Modeling the presence of immunes by using the exponentiated-Weibull model. Journal of Applied Statistics, 2001, 28, 659-671.	0.6	30
18	The Geometric Birnbaumâ€“Saunders regression model with cure rate. Journal of Statistical Planning and Inference, 2012, 142, 993-1000.	0.4	27

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19	The Log-exponentiated-Weibull Regression Models with Cure Rate: Local Influence and Residual Analysis. Journal of Data Science, 2009, 7, 433-458.	0.5	27
20	The Power Series Cure Rate Model: An Application to a Cutaneous Melanoma Data. Communications in Statistics Part B: Simulation and Computation, 2013, 42, 586-602.	0.6	25
21	The geometric exponential Poisson distribution. Statistical Methods and Applications, 2013, 22, 355-380.	0.7	25
22	A hands-on approach for fitting long-term survival models under the GAMLSS framework. Computer Methods and Programs in Biomedicine, 2010, 97, 168-177.	2.6	24
23	The Poissonâ€“exponential distribution: a Bayesian approach. Journal of Applied Statistics, 2011, 38, 1239-1248.	0.6	21
24	The destructive negative binomial cure rate model with a latent activation scheme. Statistical Methodology, 2013, 13, 48-68.	0.5	21
25	The odd log-logistic Lindley Poisson model for lifetime data. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 6513-6537.	0.6	21
26	The complementary exponential power lifetime model. Computational Statistics and Data Analysis, 2011, 55, 1250-1259.	0.7	18
27	A Bayesian destructive weighted Poisson cure rate model and an application to a cutaneous melanoma data. Statistical Methods in Medical Research, 2012, 21, 585-597.	0.7	17
28	A model with long-term survivors: negative binomial Birnbaum-Saunders. Communications in Statistics - Theory and Methods, 2016, 45, 1370-1387.	0.6	16
29	Bayesian cure rate models induced by frailty in survival analysis. Statistical Methods in Medical Research, 2017, 26, 2011-2028.	0.7	15
30	A new class of regression model for a bounded response with application in the study of the incidence rate of colorectal cancer. Statistical Methods in Medical Research, 2020, 29, 2015-2033.	0.7	14
31	The Poisson Birnbaumâ€“Saunders model with long-term survivors. Statistics, 2014, 48, 1394-1413.	0.3	13
32	A New Long-Term Survival Distribution for Cancer Data. Journal of Data Science, 2012, 10, 241-258.	0.5	12
33	A Bayesian analysis of the Conwayâ€“Maxwellâ€“Poisson cure rate model. Statistical Papers, 2012, 53, 165-176.	0.7	11
34	The FGM Long-Term Bivariate Survival Copula Model: Modeling, Bayesian Estimation, and Case Influence Diagnostics. Communications in Statistics - Theory and Methods, 2013, 42, 673-691.	0.6	11
35	Long-term survival models with latent activation under a flexible family of distributions. Brazilian Journal of Probability and Statistics, 2013, 27, .	0.1	11
36	Planning accelerated life tests under Exponentiatedâ€Weibullâ€Arrhenius model. International Journal of Quality and Reliability Management, 2008, 25, 636-653.	1.3	10

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37	A bivariate regression model for matched paired survival data: local influence and residual analysis. Statistical Methods and Applications, 2010, 19, 477-495.	0.7	10
38	Unified multivariate survival model with a surviving fraction: an application to a Brazilian customer churn data. Journal of Applied Statistics, 2016, 43, 572-584.	0.6	10
39	A new long-term survival model with dispersion induced by discrete frailty. Lifetime Data Analysis, 2020, 26, 221-244.	0.4	10
40	Log-Weibull extended regression model: Estimation, sensitivity and residual analysis. Statistical Methodology, 2010, 7, 614-631.	0.5	9
41	A new long-term lifetime distribution induced by a latent complementary risk framework. Journal of Applied Statistics, 2012, 39, 2209-2222.	0.6	9
42	A New Long-Term Survival Model with Interval-Censored Data. Sankhya B, 2015, 77, 207-239.	0.4	9
43	A new survival model with surviving fraction: An application to colorectal cancer data. Statistical Methods in Medical Research, 2019, 28, 2665-2680.	0.7	9
44	The Conwayâ€“Maxwellâ€“Poisson-generalized gamma regression model with long-term survivors. Journal of Statistical Computation and Simulation, 2011, 81, 1461-1481.	0.7	8
45	A nonâ€default rate regression model for creditâ€‰scoring. Applied Stochastic Models in Business and Industry, 2015, 31, 846-861.	0.9	8
46	Relaxed Poisson cure rate models. Biometrical Journal, 2016, 58, 397-415.	0.6	8
47	Influence diagnostics for the Weibull-Negative-Binomial regression model with cure rate under latent failure causes. Journal of Applied Statistics, 2016, 43, 1027-1060.	0.6	7
48	Heteroscedastic log-exponentiated Weibull regression model. Journal of Applied Statistics, 2018, 45, 384-408.	0.6	7
49	The exponentialâ€Poisson model for recurrent event data: An application to a set of data on malaria in Brazil. Biometrical Journal, 2015, 57, 201-214.	0.6	6
50	The Poissonâ€“Inverse-Gaussian regression model with cure rate: a Bayesian approach and its case influence diagnostics. Statistical Papers, 2016, 57, 133-159.	0.7	6
51	Zero-spiked regression models generated by gamma random variables with application in the resin oil production. Journal of Statistical Computation and Simulation, 2019, 89, 52-70.	0.7	6
52	On estimation and diagnostics analysis in log-generalized gamma regression model for interval-censored data. Statistics, 2013, 47, 379-398.	0.3	5
53	Bayesian survival model induced by frailty for lifetime with longâ€term survivors. Statistica Neerlandica, 2021, 75, 299-323.	0.9	5
54	A note on a unified approach for cure rate models. Brazilian Journal of Probability and Statistics, 2010, 24, .	0.1	4

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55	Bayesian analysis of skew-t multivariate null intercept measurement error model. Statistical Papers, 2010, 51, 531-545.	0.7	4
56	A New lifetime model for multivariate survival data with a surviving fraction. Journal of Statistical Computation and Simulation, 2016, 86, 279-292.	0.7	4
57	A gap time model based on a multiplicative marginal rate function that accounts for zero-recurrence units. Statistical Methods in Medical Research, 2017, 26, 2000-2010.	0.7	4
58	Performance of asymmetric links and correction methods for imbalanced data in binary regression. Journal of Statistical Computation and Simulation, 2019, 89, 1694-1714.	0.7	4
59	The Marshall-Olkin generalized gamma distribution. Communications for Statistical Applications and Methods, 2018, 25, 245-261.	0.1	4
60	Bayesian analysis for a skew extension of the multivariate null intercept measurement error model. Journal of Applied Statistics, 2008, 35, 1239-1251.	0.6	3
61	The Poisson-exponential regression model under different latent activation schemes. Computational and Applied Mathematics, 2012, 31, 617-632.	1.0	3
62	The Poisson-exponential model for recurrent event data: an application to bowel motility data. Journal of Applied Statistics, 2015, 42, 2353-2366.	0.6	3
63	The log-Weibull-negative-binomial regression model under latent failure causes and presence of randomized activation schemes. Statistics, 2015, 49, 930-949.	0.3	3
64	Scale mixtures log-Birnbaumâ€“Saunders regression models with censored data: a Bayesian approach. Journal of Statistical Computation and Simulation, 2017, 87, 2002-2022.	0.7	3
65	Estimation and influence diagnostics for zero-inflated hyper-Poisson regression model: full Bayesian analysis. Communications in Statistics - Theory and Methods, 2018, 47, 2741-2759.	0.6	3
66	A new destructive Poisson odd log-logistic generalized half-normal cure rate model. Communications in Statistics - Theory and Methods, 2019, 48, 2113-2128.	0.6	3
67	Bayesian analysis of Birnbaum-Saunders survival model with cure fraction under a variety of activation mechanism. Model Assisted Statistics and Applications, 2020, 15, 35-51.	0.2	3
68	Survival model induced by discrete frailty for modeling of lifetime data with long-term survivors and change-point. Communications in Statistics - Theory and Methods, 2021, 50, 1161-1172.	0.6	3
69	A Bayesian cure rate model with dispersion induced by discrete frailty. Communications for Statistical Applications and Methods, 2018, 25, 471-488.	0.1	3
70	Latent cure rate model under repair system and threshold effect. Journal of Statistical Computation and Simulation, 2015, 85, 2860-2873.	0.7	2
71	The exponential Poisson logarithmic distribution. Communications in Statistics - Theory and Methods, 2016, 45, 2556-2575.	0.6	2
72	A non-default fraction bivariate regression model for credit scoring: An application to Brazilian customer data. Communications in Statistics Case Studies Data Analysis and Applications, 2016, 2, 1-12.	0.3	2

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73	On the Bayesian estimation and influence diagnostics for the Weibull-Negative-Binomial regression model with cure rate under latent failure causes. Communications in Statistics - Theory and Methods, 2017, 46, 1462-1489.	0.6	2
74	A general long-term aging model with different underlying activation mechanisms: Modeling, Bayesian estimation, and case influence diagnostics. Communications in Statistics - Theory and Methods, 2017, 46, 3080-3098.	0.6	2
75	The re-parameterized inverse Gaussian regression to model length of stay of COVID-19 patients in the public health care system of Piracicaba, Brazil. Journal of Applied Statistics, 2023, 50, 1665-1685.	0.6	2
76	Bayesian Approach of the Exponential Poisson Logarithmic Model. Springer Proceedings in Mathematics and Statistics, 2015, , 253-262.	0.1	1
77	D-Measure: A Bayesian Model Selection Criterion for Survival Data. Advances in Data Science and Adaptive Analysis, 2019, 11, 1950007.	0.2	1
78	Semi-Parametric Cure Rate Proportional Odds Models with Spatial Frailties for Interval-Censored Data. Advances in Data Science and Adaptive Analysis, 2019, 11, 1950005.	0.2	1
79	Power series cure rate model for spatially correlated interval-censored data based on generalized extreme value distribution. Journal of Computational and Applied Mathematics, 2020, 364, 112362.	1.1	1
80	A multivariate survival model induced by discrete frailty. Communications in Statistics Part B: Simulation and Computation, 2022, 51, 6572-6590.	0.6	1
81	Hypothesis testing for the dispersion parameter of the hyper-Poisson regression model. Journal of Statistical Computation and Simulation, 2019, 89, 763-775.	0.7	0
82	Likelihood-based tests in zero-inflated power series models. Journal of Statistical Computation and Simulation, 2019, 89, 443-460.	0.7	0
83	A New Class of Cure Rate Survival Models: Properties, Inference and Applications. Advances in Data Science and Adaptive Analysis, 2021, 13, 2150001.	0.2	0
84	Bayesian meta-elliptical multivariate regression models with fixed marginals on unit intervals. Communications in Statistics - Theory and Methods, 0, , 1-21.	0.6	0
85	A new regression model for rates and proportions data with applications. Journal of Applied Statistics, 0, , 1-25.	0.6	0
86	Reparameterized extended Maxwell regression: Properties, estimation and application. Communications in Statistics - Theory and Methods, 0, , 1-19.	0.6	0
87	A survival regression with cure fraction applied to cervical cancer. Computational Statistics, 0, , .	0.8	0