

Francisco-Jos Vazquez-Polo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

723
citations

16
h-index

25
g-index

65
ext. papers

898
ext. citations

3.3
avg, IF

3.44
L-index

#	Paper	IF	Citations
61	Exact credibility reference Bayesian premiums. <i>Insurance: Mathematics and Economics</i> , 2022 , 105, 128-143	3.5	5
60	Contagious statistical distributions: k-connections and applications in infectious disease environments. <i>PLoS ONE</i> , 2022 , 17, e0268810	3.7	
59	Objective Bayesian model choice for non-nested families: the case of the Poisson and the negative binomial. <i>Test</i> , 2021 , 30, 255-273	1.1	
58	Bayesian Meta-Analysis for Binary Data and Prior Distribution on Models. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
57	Meta-Analysis with Few Studies and Binary Data: A Bayesian Model Averaging Approach. <i>Mathematics</i> , 2020 , 8, 2159	2.3	1
56	Generalising Exponential Distributions Using an Extended Marshall-Olkin Procedure. <i>Symmetry</i> , 2020 , 12, 464	2.7	2
55	Long-term Noninvasive Ventilation in Obesity Hypoventilation Syndrome Without Severe OSA: The Pickwick Randomized Controlled Trial. <i>Chest</i> , 2020 , 158, 1176-1186	5.3	5
54	Cost-effectiveness of positive airway pressure modalities in obesity hypoventilation syndrome with severe obstructive sleep apnoea. <i>Thorax</i> , 2020 , 75, 459-467	7.3	8
53	Echocardiographic Changes with Positive Airway Pressure Therapy in Obesity Hypoventilation Syndrome. Long-Term Pickwick Randomized Controlled Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 586-597	10.2	20
52	Long-term clinical effectiveness of continuous positive airway pressure therapy versus non-invasive ventilation therapy in patients with obesity hypoventilation syndrome: a multicentre, open-label, randomised controlled trial. <i>Lancet, The</i> , 2019 , 393, 1721-1732	40	69
51	Comprehensive management of obstructive sleep apnea by telemedicine: Clinical improvement and cost-effectiveness of a Virtual Sleep Unit. A randomized controlled trial. <i>PLoS ONE</i> , 2019 , 14, e0224069	3.7	16
50	Using a Bayesian Structural Time Series Model to Infer the Causal Impact on Cigarette Sales of Partial and Total Bans on Public Smoking. <i>Jahrbucher Fur Nationalokonomie Und Statistik</i> , 2018 , 238, 423-439	1.5	4
49	Bayesian meta-analysis: The role of the between-sample heterogeneity. <i>Statistical Methods in Medical Research</i> , 2018 , 27, 3643-3657	2.3	9
48	Bayesian Inference in Auditing with Partial Prior Information Using Maximum Entropy Priors. <i>Entropy</i> , 2018 , 20,	2.8	1
47	A Note on Ordering Probability Distributions by Skewness. <i>Symmetry</i> , 2018 , 10, 286	2.7	1
46	Cost-effectiveness analysis for heterogeneous samples. <i>European Journal of Operational Research</i> , 2016 , 254, 127-137	5.6	1
45	Bayesian Approach to Evidence Synthesis 2016 , 155-160		

44	A Marshall-Olkin family of heavy-tailed distributions which includes the lognormal one. <i>Communications in Statistics - Theory and Methods</i> , 2016 , 45, 2023-2044	0.5	2
43	Role of primary care in the follow-up of patients with obstructive sleep apnoea undergoing CPAP treatment: a randomised controlled trial. <i>Thorax</i> , 2015 , 70, 346-52	7.3	39
42	Complementary information for skewness measures. <i>Statistica Neerlandica</i> , 2015 , 69, 442-459	0.9	3
41	A Bayesian cost-effectiveness analysis of a telemedicine-based strategy for the management of sleep apnoea: a multicentre randomised controlled trial. <i>Thorax</i> , 2015 , 70, 1054-61	7.3	70
40	A Bayesian sensitivity study of risk difference in the meta-analysis of binary outcomes from sparse data. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2015 , 15, 317-22	2.2	3
39	Objective Bayesian meta-analysis for sparse discrete data. <i>Statistics in Medicine</i> , 2014 , 33, 3676-92	2.3	12
38	A discrete version of the half-normal distribution and its generalization with applications. <i>Statistical Papers</i> , 2014 , 55, 497-511	1	5
37	Optimal treatments in cost-effectiveness analysis in the presence of covariates: Improving patient subgroup definition. <i>European Journal of Operational Research</i> , 2013 , 226, 173-182	5.6	3
36	Effectiveness of sequential automatic-manual home respiratory polygraphy scoring. <i>European Respiratory Journal</i> , 2013 , 41, 879-87	13.6	27
35	Effectiveness of three sleep apnea management alternatives. <i>Sleep</i> , 2013 , 36, 1799-807	1.1	23
34	Optimal healthcare decisions: The importance of the covariates in cost-effectiveness analysis. <i>European Journal of Operational Research</i> , 2012 , 218, 512-522	5.6	11
33	On the independence between risk profiles in the compound collective risk actuarial model. <i>Mathematics and Computers in Simulation</i> , 2012 , 82, 1419-1431	3.3	2
32	Comparing meta-analyses for chronic obstructive pulmonary disease. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2011 , 11, 277-9	2.2	2
31	Effectiveness of home respiratory polygraphy for the diagnosis of sleep apnoea and hypopnoea syndrome. <i>Thorax</i> , 2011 , 66, 567-73	7.3	98
30	Bayesian variable selection in cost-effectiveness analysis. <i>International Journal of Environmental Research and Public Health</i> , 2010 , 7, 1577-96	4.6	2
29	Complementing information from incremental net benefit: a Bayesian perspective. <i>Health Services and Outcomes Research Methodology</i> , 2010 , 10, 86-99	1.6	4
28	Optimal healthcare decisions: Comparing medical treatments on a cost-effectiveness basis. <i>European Journal of Operational Research</i> , 2010 , 204, 180-187	5.6	13
27	A new skew generalization of the normal distribution: Properties and applications. <i>Computational Statistics and Data Analysis</i> , 2010 , 54, 2021-2034	1.6	31

26	Complementing the net benefit approach: a new framework for Bayesian cost-effectiveness analysis. <i>International Journal of Technology Assessment in Health Care</i> , 2009 , 25, 537-45	1.8	4
25	A Bayesian Net Benefit Approach to Cost-effectiveness Analysis in Health Technology Assessment. <i>International Journal of the Economics of Business</i> , 2009 , 16, 323-345	0.9	3
24	Robust Bayesian bonus-malus premiums under the conditional specification model. <i>Statistical Papers</i> , 2009 , 50, 465-480	1	1
23	Incorporating model uncertainty in cost-effectiveness analysis: a Bayesian model averaging approach. <i>Journal of Health Economics</i> , 2008 , 27, 1250-9	3.5	16
22	Using a Bayesian Hierarchical Model for Fitting Automobile Claim Frequency Data. <i>Communications in Statistics - Theory and Methods</i> , 2008 , 37, 1425-1435	0.5	3
21	A note on computing bonus-malus insurance premiums using a hierarchical bayesian framework. <i>Test</i> , 2006 , 15, 345-359	1.1	2
20	Bayesian cost-effectiveness analysis with two measures of effectiveness: the cost-effectiveness acceptability plane. <i>Health Economics (United Kingdom)</i> , 2006 , 15, 363-72	2.4	16
19	On the use of posterior regret -minimax actions to obtain credibility premiums. <i>Insurance: Mathematics and Economics</i> , 2006 , 39, 115-121	1.5	14
18	Self-perceived health status of schizophrenic patients in Spain: analysis of geographic differences. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2005 , 5, 531-40	2.2	4
17	Modelling uncertainty in insurance BonusMalus premium principles by using a Bayesian robustness approach. <i>Journal of Applied Statistics</i> , 2005 , 32, 771-784	1	3
16	A Class of Conjugate Priors for Log-Normal Claims Based on Conditional Specification. <i>Journal of Risk and Insurance</i> , 2005 , 72, 479-495	1.3	10
15	Analysing the independence hypothesis in models for rare errors: an application to auditing. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2005 , 54, 795-804	1.5	2
14	Using covariates to reduce uncertainty in the economic evaluation of clinical trial data. <i>Health Economics (United Kingdom)</i> , 2005 , 14, 545-57	2.4	13
13	Bayesian regression models for cost-effectiveness analysis. <i>European Journal of Health Economics</i> , 2005 , 6, 45-52	3.6	12
12	An analysis of the costs of treating schizophrenia in Spain: a hierarchical Bayesian approach. <i>Journal of Mental Health Policy and Economics</i> , 2005 , 8, 153-65	1.3	17
11	On the Use of Conditional Specification Models in Claim Count Distributions: an Application to Bonus-Malus Systems. <i>ASTIN Bulletin</i> , 2004 , 34, 85-98	1.6	15
10	Bayesian Analysis of Interval Data Contingent Valuation Models and Pricing Policies. <i>Journal of Business and Economic Statistics</i> , 2004 , 22, 431-442	3.8	18
9	Elicitation of Expert Opinion in Benefit Transfer of Environmental Goods. <i>Environmental and Resource Economics</i> , 2003 , 26, 199-210	4.4	17

8	Measuring sensitivity in a bonus-malus system. <i>Insurance: Mathematics and Economics</i> , 2002 , 31, 105-113	1.5	21
7	A Bayesian model for benefit transfer: application to national parks in Spain. <i>Applied Economics</i> , 2002 , 34, 749-757	1.6	17
6	Bounds for Ratios of Posterior Expectations: Applications in the Collective Risk Model. <i>Scandinavian Actuarial Journal</i> , 2002 , 2002, 37-44	1	6
5	Principal Applications of Bayesian Methods in Actuarial Science: A Perspective—Udi E. Makov, October 2001. <i>North American Actuarial Journal</i> , 2001 , 5, 62-67	0.7	
4	The Esscher premium principle in risk theory: a Bayesian sensitivity study. <i>Insurance: Mathematics and Economics</i> , 1999 , 25, 387-395	1.5	15
3	A Bayesian Approach to Double Bounded Contingent Valuation. <i>Environmental and Resource Economics</i> , 1998 , 11, 197-215	4.4	3
2	A note on the Quasi-Bayesian audit risk model for dollar unit sampling ¹ . <i>European Accounting Review</i> , 1997 , 6, 501-507	2.1	2
1	Behaviour of the posterior error rate with partial prior information in auditing. <i>Journal of Applied Statistics</i> , 1995 , 22, 469-476	1	