

# Francisco-Jos Vazquez-Polo

## List of Publications by Citations

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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	Effectiveness of home respiratory polygraphy for the diagnosis of sleep apnoea and hypopnoea syndrome. <i>Thorax</i> , <b>2011</b> , 66, 567-73	7.3	98
60	A Bayesian cost-effectiveness analysis of a telemedicine-based strategy for the management of sleep apnoea: a multicentre randomised controlled trial. <i>Thorax</i> , <b>2015</b> , 70, 1054-61	7.3	70
59	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> , <b>2019</b> , 393, 1721-1732	4.0	69
58	Role of primary care in the follow-up of patients with obstructive sleep apnoea undergoing CPAP treatment: a randomised controlled trial. <i>Thorax</i> , <b>2015</b> , 70, 346-52	7.3	39
57	A new skew generalization of the normal distribution: Properties and applications. <i>Computational Statistics and Data Analysis</i> , <b>2010</b> , 54, 2021-2034	1.6	31
56	Effectiveness of sequential automatic-manual home respiratory polygraphy scoring. <i>European Respiratory Journal</i> , <b>2013</b> , 41, 879-87	13.6	27
55	Effectiveness of three sleep apnea management alternatives. <i>Sleep</i> , <b>2013</b> , 36, 1799-807	1.1	23
54	Measuring sensitivity in a bonus-malus system. <i>Insurance: Mathematics and Economics</i> , <b>2002</b> , 31, 105-113	1.5	21
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> , <b>2020</b> , 201, 586-597	10.2	20
52	Bayesian Analysis of Interval Data Contingent Valuation Models and Pricing Policies. <i>Journal of Business and Economic Statistics</i> , <b>2004</b> , 22, 431-442	3.8	18
51	Elicitation of Expert Opinion in Benefit Transfer of Environmental Goods. <i>Environmental and Resource Economics</i> , <b>2003</b> , 26, 199-210	4.4	17
50	A Bayesian model for benefit transfer: application to national parks in Spain. <i>Applied Economics</i> , <b>2002</b> , 34, 749-757	1.6	17
49	An analysis of the costs of treating schizophrenia in Spain: a hierarchical Bayesian approach. <i>Journal of Mental Health Policy and Economics</i> , <b>2005</b> , 8, 153-65	1.3	17
48	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> , <b>2019</b> , 14, e0224069	3.7	16
47	Incorporating model uncertainty in cost-effectiveness analysis: a Bayesian model averaging approach. <i>Journal of Health Economics</i> , <b>2008</b> , 27, 1250-9	3.5	16
46	Bayesian cost-effectiveness analysis with two measures of effectiveness: the cost-effectiveness acceptability plane. <i>Health Economics (United Kingdom)</i> , <b>2006</b> , 15, 363-72	2.4	16
45	On the Use of Conditional Specification Models in Claim Count Distributions: an Application to Bonus-Malus Systems. <i>ASTIN Bulletin</i> , <b>2004</b> , 34, 85-98	1.6	15

44	The Esscher premium principle in risk theory: a Bayesian sensitivity study. <i>Insurance: Mathematics and Economics</i> , <b>1999</b> , 25, 387-395	1.5	15
43	On the use of posterior regret -minimax actions to obtain credibility premiums. <i>Insurance: Mathematics and Economics</i> , <b>2006</b> , 39, 115-121	1.5	14
42	Optimal healthcare decisions: Comparing medical treatments on a cost-effectiveness basis. <i>European Journal of Operational Research</i> , <b>2010</b> , 204, 180-187	5.6	13
41	Using covariates to reduce uncertainty in the economic evaluation of clinical trial data. <i>Health Economics (United Kingdom)</i> , <b>2005</b> , 14, 545-57	2.4	13
40	Objective Bayesian meta-analysis for sparse discrete data. <i>Statistics in Medicine</i> , <b>2014</b> , 33, 3676-92	2.3	12
39	Bayesian regression models for cost-effectiveness analysis. <i>European Journal of Health Economics</i> , <b>2005</b> , 6, 45-52	3.6	12
38	Optimal healthcare decisions: The importance of the covariates in cost-effectiveness analysis. <i>European Journal of Operational Research</i> , <b>2012</b> , 218, 512-522	5.6	11
37	A Class of Conjugate Priors for Log-Normal Claims Based on Conditional Specification. <i>Journal of Risk and Insurance</i> , <b>2005</b> , 72, 479-495	1.3	10
36	Bayesian meta-analysis: The role of the between-sample heterogeneity. <i>Statistical Methods in Medical Research</i> , <b>2018</b> , 27, 3643-3657	2.3	9
35	Cost-effectiveness of positive airway pressure modalities in obesity hypoventilation syndrome with severe obstructive sleep apnoea. <i>Thorax</i> , <b>2020</b> , 75, 459-467	7.3	8
34	Bounds for Ratios of Posterior Expectations: Applications in the Collective Risk Model. <i>Scandinavian Actuarial Journal</i> , <b>2002</b> , 2002, 37-44	1	6
33	Long-term Noninvasive Ventilation in Obesity Hypoventilation Syndrome Without Severe OSA: The Pickwick Randomized Controlled Trial. <i>Chest</i> , <b>2020</b> , 158, 1176-1186	5.3	5
32	A discrete version of the half-normal distribution and its generalization with applications. <i>Statistical Papers</i> , <b>2014</b> , 55, 497-511	1	5
31	Using a Bayesian Structural TimeSeries Model to Infer the Causal Impact on Cigarette Sales of Partial and Total Bans on Public Smoking. <i>Jahrbucher Fur Nationalokonomie Und Statistik</i> , <b>2018</b> , 238, 423-439	1.5	4
30	Complementing the net benefit approach: a new framework for Bayesian cost-effectiveness analysis. <i>International Journal of Technology Assessment in Health Care</i> , <b>2009</b> , 25, 537-45	1.8	4
29	Complementing information from incremental net benefit: a Bayesian perspective. <i>Health Services and Outcomes Research Methodology</i> , <b>2010</b> , 10, 86-99	1.6	4
28	Self-perceived health status of schizophrenic patients in Spain: analysis of geographic differences. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , <b>2005</b> , 5, 531-40	2.2	4
27	Complementary information for skewness measures. <i>Statistica Neerlandica</i> , <b>2015</b> , 69, 442-459	0.9	3

26	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> , <b>2015</b> , 15, 317-22	2.2	3
25	Optimal treatments in cost-effectiveness analysis in the presence of covariates: Improving patient subgroup definition. <i>European Journal of Operational Research</i> , <b>2013</b> , 226, 173-182	5.6	3
24	A Bayesian Net Benefit Approach to Cost-effectiveness Analysis in Health Technology Assessment. <i>International Journal of the Economics of Business</i> , <b>2009</b> , 16, 323-345	0.9	3
23	A Bayesian Approach to Double Bounded Contingent Valuation. <i>Environmental and Resource Economics</i> , <b>1998</b> , 11, 197-215	4.4	3
22	Using a Bayesian Hierarchical Model for Fitting Automobile Claim Frequency Data. <i>Communications in Statistics - Theory and Methods</i> , <b>2008</b> , 37, 1425-1435	0.5	3
21	Modelling uncertainty in insurance BonusMalus premium principles by using a Bayesian robustness approach. <i>Journal of Applied Statistics</i> , <b>2005</b> , 32, 771-784	1	3
20	Generalising Exponential Distributions Using an Extended MarshallOlkin Procedure. <i>Symmetry</i> , <b>2020</b> , 12, 464	2.7	2
19	On the independence between risk profiles in the compound collective risk actuarial model. <i>Mathematics and Computers in Simulation</i> , <b>2012</b> , 82, 1419-1431	3.3	2
18	Bayesian variable selection in cost-effectiveness analysis. <i>International Journal of Environmental Research and Public Health</i> , <b>2010</b> , 7, 1577-96	4.6	2
17	Comparing meta-analyses for chronic obstructive pulmonary disease. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , <b>2011</b> , 11, 277-9	2.2	2
16	A note on the Quasi-Bayesian audit risk model for dollar unit sampling1. <i>European Accounting Review</i> , <b>1997</b> , 6, 501-507	2.1	2
15	A note on computing bonus-malus insurance premiums using a hierarchical bayesian framework. <i>Test</i> , <b>2006</b> , 15, 345-359	1.1	2
14	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> , <b>2005</b> , 54, 795-804	1.5	2
13	A MarshallOlkin family of heavy-tailed distributions which includes the lognormal one. <i>Communications in Statistics - Theory and Methods</i> , <b>2016</b> , 45, 2023-2044	0.5	2
12	Meta-Analysis with Few Studies and Binary Data: A Bayesian Model Averaging Approach. <i>Mathematics</i> , <b>2020</b> , 8, 2159	2.3	1
11	Cost-effectiveness analysis for heterogeneous samples. <i>European Journal of Operational Research</i> , <b>2016</b> , 254, 127-137	5.6	1
10	Robust Bayesian bonus-malus premiums under the conditional specification model. <i>Statistical Papers</i> , <b>2009</b> , 50, 465-480	1	1
9	Bayesian Meta-Analysis for Binary Data and Prior Distribution on Models. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	1

8	Bayesian Inference in Auditing with Partial Prior Information Using Maximum Entropy Priors. <i>Entropy</i> , <b>2018</b> , 20,	2.8	1
7	A Note on Ordering Probability Distributions by Skewness. <i>Symmetry</i> , <b>2018</b> , 10, 286	2.7	1
6	Principal Applications of Bayesian Methods in Actuarial Science: A Perspective Udi E. Makov, October 2001. <i>North American Actuarial Journal</i> , <b>2001</b> , 5, 62-67	0.7	
5	Behaviour of the posterior error rate with partial prior information in auditing. <i>Journal of Applied Statistics</i> , <b>1995</b> , 22, 469-476	1	
4	Bayesian Approach to Evidence Synthesis <b>2016</b> , 155-160		
3	Objective Bayesian model choice for non-nested families: the case of the Poisson and the negative binomial. <i>Test</i> , <b>2021</b> , 30, 255-273	1.1	
2	Exact credibility reference Bayesian premiums. <i>Insurance: Mathematics and Economics</i> , <b>2022</b> , 105, 128-143	3.5	
1	Contagious statistical distributions: k-connections and applications in infectious disease environments. <i>PLoS ONE</i> , <b>2022</b> , 17, e0268810	3.7	