

Francisco-José Vázquez-Polo

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,023
citations

471477

17
h-index

454934

30
g-index

65
all docs

65
docs citations

65
times ranked

922
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of home respiratory polygraphy for the diagnosis of sleep apnoea and hypopnoea syndrome. <i>Thorax</i> , 2011, 66, 567-573.	5.6	139
2	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.	13.7	126
3	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, 1054-1061.	5.6	103
4	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, 346-352.	5.6	54
5	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.	2.5	38
6	Effectiveness of sequential automatic-manual home respiratory polygraphy scoring. <i>European Respiratory Journal</i> , 2013, 41, 879-887.	6.7	35
7	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.	5.6	34
8	A new skew generalization of the normal distribution: Properties and applications. <i>Computational Statistics and Data Analysis</i> , 2010, 54, 2021-2034.	1.2	33
9	Bayesian meta-analysis: The role of the between-sample heterogeneity. <i>Statistical Methods in Medical Research</i> , 2018, 27, 3643-3657.	1.5	31
10	Effectiveness of Three Sleep Apnea Management Alternatives. <i>Sleep</i> , 2013, 36, 1799-1807.	1.1	29
11	Long-term Noninvasive Ventilation in Obesity Hypoventilation Syndrome Without Severe OSA. <i>Chest</i> , 2020, 158, 1176-1186.	0.8	23
12	Measuring sensitivity in a bonus-malus system. <i>Insurance: Mathematics and Economics</i> , 2002, 31, 105-113.	1.2	21
13	Bayesian Analysis of Interval Data Contingent Valuation Models and Pricing Policies. <i>Journal of Business and Economic Statistics</i> , 2004, 22, 431-442.	2.9	21
14	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.	0.6	20
15	Elicitation of Expert Opinion in Benefit Transfer of Environmental Goods. <i>Environmental and Resource Economics</i> , 2003, 26, 199-210.	3.2	19
16	Incorporating model uncertainty in cost-effectiveness analysis: A Bayesian model averaging approach. <i>Journal of Health Economics</i> , 2008, 27, 1250-1259.	2.7	18
17	Cost-effectiveness of positive airway pressure modalities in obesity hypoventilation syndrome with severe obstructive sleep apnoea. <i>Thorax</i> , 2020, 75, 459-467.	5.6	18
18	The Esscher premium principle in risk theory: a Bayesian sensitivity study. <i>Insurance: Mathematics and Economics</i> , 1999, 25, 387-395.	1.2	17

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19	A Bayesian model for benefit transfer: application to national parks in Spain. <i>Applied Economics</i> , 2002, 34, 749-757.	2.2	17
20	Bayesian cost-effectiveness analysis with two measures of effectiveness: the cost-effectiveness acceptability plane. <i>Health Economics (United Kingdom)</i> , 2006, 15, 363-372.	1.7	17
21	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.	1.0	16
22	On the use of posterior regret -minimax actions to obtain credibility premiums. <i>Insurance: Mathematics and Economics</i> , 2006, 39, 115-121.	1.2	16
23	Using covariates to reduce uncertainty in the economic evaluation of clinical trial data. <i>Health Economics (United Kingdom)</i> , 2005, 14, 545-557.	1.7	15
24	Objective Bayesian meta-analysis for sparse discrete data. <i>Statistics in Medicine</i> , 2014, 33, 3676-3692.	1.6	15
25	Optimal healthcare decisions: Comparing medical treatments on a cost-effectiveness basis. <i>European Journal of Operational Research</i> , 2010, 204, 180-187.	5.7	13
26	Bayesian regression models for cost-effectiveness analysis. <i>European Journal of Health Economics</i> , 2005, 6, 45-52.	2.8	12
27	Optimal healthcare decisions: The importance of the covariates in cost-effectiveness analysis. <i>European Journal of Operational Research</i> , 2012, 218, 512-522.	5.7	12
28	A Class of Conjugate Priors for Log-Normal Claims Based on Conditional Specification. <i>Journal of Risk and Insurance</i> , 2005, 72, 479-495.	1.6	10
29	Bounds for Ratios of Posterior Expectations: Applications in the Collective Risk Model. <i>Scandinavian Actuarial Journal</i> , 2002, 2002, 37-44.	1.7	8
30	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.	0.7	7
31	A discrete version of the half-normal distribution and its generalization with applications. <i>Statistical Papers</i> , 2014, 55, 497-511.	1.2	6
32	Effectiveness of CPAP vs. Noninvasive Ventilation Based on Disease Severity in Obesity Hypoventilation Syndrome and Concomitant Severe Obstructive Sleep Apnea. <i>Archivos De Bronconeumologia</i> , 2022, 58, 228-236.	0.8	5
33	A Bayesian Approach to Double Bounded Contingent Valuation. <i>Environmental and Resource Economics</i> , 1998, 11, 197-215.	3.2	4
34	Self-perceived health status of schizophrenic patients in Spain: analysis of geographic differences. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2005, 5, 531-540.	1.4	4
35	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, 537-545.	0.5	4
36	Complementing information from incremental net benefit: a Bayesian perspective. <i>Health Services and Outcomes Research Methodology</i> , 2010, 10, 86-99.	1.8	4

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37	Complementary information for skewness measures. <i>Statistica Neerlandica</i> , 2015, 69, 442-459.	1.6	4
38	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, 317-322.	1.4	4
39	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.	1.0	4
40	Bayesian Meta-Analysis for Binary Data and Prior Distribution on Models. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 809.	2.6	4
41	Modelling uncertainty in insurance Bonus–Malus premium principles by using a Bayesian robustness approach. <i>Journal of Applied Statistics</i> , 2005, 32, 771-784.	1.3	3
42	A note on computing bonus-malus insurance premiums using a hierarchical bayesian framework. <i>Test</i> , 2006, 15, 345-359.	1.1	3
43	Using a Bayesian Hierarchical Model for Fitting Automobile Claim Frequency Data. <i>Communications in Statistics - Theory and Methods</i> , 2008, 37, 1425-1435.	1.0	3
44	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.	1.7	3
45	On the independence between risk profiles in the compound collective risk actuarial model. <i>Mathematics and Computers in Simulation</i> , 2012, 82, 1419-1431.	4.4	3
46	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.	5.7	3
47	A Note on Ordering Probability Distributions by Skewness. <i>Symmetry</i> , 2018, 10, 286.	2.2	3
48	Generalising Exponential Distributions Using an Extended Marshall–Olkin Procedure. <i>Symmetry</i> , 2020, 12, 464.	2.2	3
49	A note on the Quasi-Bayesian audit risk model for dollar unit sampling ¹ . <i>European Accounting Review</i> , 1997, 6, 501-507.	3.8	2
50	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.	1.0	2
51	Bayesian Variable Selection in Cost-Effectiveness Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 1577-1596.	2.6	2
52	Comparing meta-analyses for chronic obstructive pulmonary disease. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2011, 11, 277-279.	1.4	2
53	Meta-Analysis with Few Studies and Binary Data: A Bayesian Model Averaging Approach. <i>Mathematics</i> , 2020, 8, 2159.	2.2	2
54	Robust Bayesian bonus-malus premiums under the conditional specification model. <i>Statistical Papers</i> , 2009, 50, 465-480.	1.2	1

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55	Cost-effectiveness analysis for heterogeneous samples. <i>European Journal of Operational Research</i> , 2016, 254, 127-137.	5.7	1
56	Bayesian Inference in Auditing With Partial Prior Information Using Maximum Entropy Priors. <i>Entropy</i> , 2018, 20, 919.	2.2	1
57	Exact credibility reference Bayesian premiums. <i>Insurance: Mathematics and Economics</i> , 2022, 105, 128-143.	1.2	1
58	Behaviour of the posterior error rate with partial prior information in auditing. <i>Journal of Applied Statistics</i> , 1995, 22, 469-476.	1.3	0
59	“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.	1.4	0
60	An application of the Morgenstern family with standard two-sided power and gamma marginal distributions to the Bayes premium in the collective risk model. <i>Applied Stochastic Models in Business and Industry</i> , 2013, 29, 468-478.	1.5	0
61	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	0
62	Bayesian Approach to Evidence Synthesis. , 2016, , 155-160.		0
63	Contagious statistical distributions: k-connections and applications in infectious disease environments. <i>PLoS ONE</i> , 2022, 17, e0268810.	2.5	0
64	Bayesian heterogeneity in a meta-analysis with two studies and binary data. <i>Journal of Applied Statistics</i> , 0, , 1-17.	1.3	0