

Sherri Rose

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

3,529
citations

236612

25
h-index

149479

56
g-index

69
all docs

69
docs citations

69
times ranked

4874
citing authors

#	ARTICLE	IF	CITATIONS
1	Advancing primary care with Artificial Intelligence and Machine Learning. <i>Healthcare</i> , 2022, 10, 100594.	0.6	11
2	Intersections of machine learning and epidemiological methods for health services research. <i>International Journal of Epidemiology</i> , 2021, 49, 1763-1770.	0.9	16
3	Discussion on “Approval policies for modifications to machine learning-based software as a medical device: A study of biorep” by Jean Feng, Scott Emerson, and Noah Simon. <i>Biometrics</i> , 2021, 77, 49-51.	0.8	1
4	Reflection on modern methods: when worlds collide—prediction, machine learning and causal inference. <i>International Journal of Epidemiology</i> , 2021, 49, 2058-2064.	0.9	55
5	Improving the Performance of Risk Adjustment Systems. <i>American Journal of Health Economics</i> , 2021, 7, 497-521.	1.4	8
6	Ethical Machine Learning in Healthcare. <i>Annual Review of Biomedical Data Science</i> , 2021, 4, 123-144.	2.8	154
7	Revisiting performance metrics for prediction with rare outcomes. <i>Statistical Methods in Medical Research</i> , 2021, 30, 2352-2366.	0.7	10
8	Identifying undercompensated groups defined by multiple attributes in risk adjustment. <i>BMJ Health and Care Informatics</i> , 2021, 28, e100414.	1.4	4
9	Machine learning for causal inference in Biostatistics. <i>Biostatistics</i> , 2020, 21, 336-338.	0.9	4
10	Impact of an Episode-Based Payment Initiative by Commercial Payers in Arkansas on Procedure Volume: an Observational Study. <i>Journal of General Internal Medicine</i> , 2020, 35, 578-585.	1.3	2
11	Nonparametric Bayesian Instrumental Variable Analysis: Evaluating Heterogeneous Effects of Coronary Arterial Access Site Strategies. <i>Journal of the American Statistical Association</i> , 2020, 115, 1635-1644.	1.8	4
12	Fair regression for health care spending. <i>Biometrics</i> , 2020, 76, 973-982.	0.8	29
13	A conversation with Sherri Rose, winner of the 2020 health policy statistics section mid-career award. <i>Health Services and Outcomes Research Methodology</i> , 2020, 20, 208-214.	0.8	1
14	Association of Nondiscrimination Policies With Mental Health Among Gender Minority Individuals. <i>JAMA Psychiatry</i> , 2020, 77, 952.	6.0	38
15	Double Robust Estimation for Multiple Unordered Treatments and Clustered Observations: Evaluating Drug-Eluting Coronary Artery Stents. <i>Biometrics</i> , 2019, 75, 289-296.	0.8	8
16	Association Between Broadband Internet Availability and Telemedicine Use. <i>JAMA Internal Medicine</i> , 2019, 179, 1580.	2.6	71
17	Considerations for outcome-dependent biased sampling in health databases. <i>Statistics in Medicine</i> , 2019, 38, 4213-4215.	0.8	0
18	Data transformations to improve the performance of health plan payment methods. <i>Journal of Health Economics</i> , 2019, 66, 195-207.	1.3	15

#	ARTICLE	IF	CITATIONS
19	Limitations of P -Values and R^2 -squared for Stepwise Regression Building: A Fairness Demonstration in Health Policy Risk Adjustment. <i>American Statistician</i> , 2019, 73, 152-156.	0.9	28
20	Classifying Stage IV Lung Cancer From Health Care Claims: A Comparison of Multiple Analytic Approaches. <i>JCO Clinical Cancer Informatics</i> , 2019, 3, 1-19.	1.0	8
21	Association Between Endoscopist Personality and Rate of Adenoma Detection. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 1571-1579.e7.	2.4	12
22	Endoscopist factors that influence serrated polyp detection: a multicenter study. <i>Endoscopy</i> , 2018, 50, 984-992.	1.0	48
23	Variation in Pathologist Classification of Colorectal Adenomas and Serrated Polyps. <i>American Journal of Gastroenterology</i> , 2018, 113, 431-439.	0.2	29
24	Medical Schools in Fragile States: Implications for Delivery of Care. <i>Health Services Research</i> , 2018, 53, 1335-1348.	1.0	6
25	Mental Health Risk Adjustment with Clinical Categories and Machine Learning. <i>Health Services Research</i> , 2018, 53, 3189-3206.	1.0	26
26	Sequential Super Learning. <i>Springer Series in Statistics</i> , 2018, , 27-34.	0.9	0
27	Targeted Learning in Data Science. <i>Springer Series in Statistics</i> , 2018, , .	0.9	92
28	Research Questions in Data Science. <i>Springer Series in Statistics</i> , 2018, , 3-14.	0.9	0
29	Robust Machine Learning Variable Importance Analyses of Medical Conditions for Health Care Spending. <i>Health Services Research</i> , 2018, 53, 3836-3854.	1.0	12
30	Predicting posttraumatic stress disorder following a natural disaster. <i>Journal of Psychiatric Research</i> , 2018, 96, 15-22.	1.5	54
31	Physician characteristics associated with higher adenoma detection rate. <i>Gastrointestinal Endoscopy</i> , 2018, 87, 778-786.e5.	0.5	58
32	Sample Selection for Medicare Risk Adjustment Due to Systematically Missing Data. <i>Health Services Research</i> , 2018, 53, 4204-4223.	1.0	2
33	How Is Telemedicine Being Used In Opioid And Other Substance Use Disorder Treatment?. <i>Health Affairs</i> , 2018, 37, 1940-1947.	2.5	124
34	National Rates of Initiation and Intensification of Antidiabetic Therapy Among Patients With Commercial Insurance. <i>Diabetes Care</i> , 2018, 41, 1776-1782.	4.3	5
35	Machine Learning for Prediction in Electronic Health Data. <i>JAMA Network Open</i> , 2018, 1, e181404.	2.8	63
36	Risk Adjustment for Health Plan Payment. , 2018, , 55-104.		27

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37	Prediction of absolute risk of acute graft-versus-host disease following hematopoietic cell transplantation. PLoS ONE, 2018, 13, e0190610.	1.1	20
38	Classifying lung cancer stage from health care claims with a clinical algorithm or a machine-learning approach.. Journal of Clinical Oncology, 2018, 36, 6589-6589.	0.8	1
39	Matching and Imputation Methods for Risk Adjustment in the Health Insurance Marketplaces. Statistics in Biosciences, 2017, 9, 525-542.	0.6	5
40	Lower- Versus Higher-Income Populations In The Alternative Quality Contract: Improved Quality And Similar Spending. Health Affairs, 2017, 36, 74-82.	2.5	21
41	Rapid Growth In Mental Health Telemedicine Use Among Rural Medicare Beneficiaries, Wide Variation Across States. Health Affairs, 2017, 36, 909-917.	2.5	122
42	Challenges in adapting existing clinical natural language processing systems to multiple, diverse health care settings. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 986-991.	2.2	119
43	Insurance Transitions and Changes in Physician and Emergency Department Utilization: An Observational Study. Journal of General Internal Medicine, 2017, 32, 1146-1155.	1.3	28
44	Targeted Maximum Likelihood Estimation for Causal Inference in Observational Studies. American Journal of Epidemiology, 2017, 185, 65-73.	1.6	199
45	Implications of family risk pooling for individual health insurance markets. Health Services and Outcomes Research Methodology, 2017, 17, 219-236.	0.8	1
46	Computational health economics for identification of unprofitable health care enrollees. Biostatistics, 2017, 18, 682-694.	0.9	20
47	Classifying Lung Cancer Severity with Ensemble Machine Learning in Health Care Claims Data. Proceedings of Machine Learning Research, 2017, 68, 25-38.	0.3	16
48	A Machine Learning Framework for Plan Payment Risk Adjustment. Health Services Research, 2016, 51, 2358-2374.	1.0	60
49	Assessing Hospital Performance After Percutaneous Coronary Intervention Using Big Data. Circulation: Cardiovascular Quality and Outcomes, 2016, 9, 659-669.	0.9	14
50	A conversation with Elizabeth A. Stuart. Health Services and Outcomes Research Methodology, 2016, 16, 177-186.	0.8	1
51	Risk-Adjustment Simulation: Plans May Have Incentives To Distort Mental Health And Substance Use Coverage. Health Affairs, 2016, 35, 1022-1028.	2.5	47
52	The relationship between non-communicable disease occurrence and povertyâ€”evidence from demographic surveillance in Matlab, Bangladesh. Health Policy and Planning, 2016, 31, 785-792.	1.0	25
53	Variation In Accountable Care Organization Spending And Sensitivity To Risk Adjustment: Implications For Benchmarking. Health Affairs, 2016, 35, 440-448.	2.5	35
54	Predicting Suicides After Psychiatric Hospitalization in US Army Soldiers. JAMA Psychiatry, 2015, 72, 49.	6.0	385

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55	The impact of exclusion criteria on a physician's adenoma detection rate. <i>Gastrointestinal Endoscopy</i> , 2015, 82, 668-675.	0.5	25
56	Public reporting of colonoscopy quality is associated with an increase in endoscopist adenoma detection rate. <i>Gastrointestinal Endoscopy</i> , 2015, 82, 676-682.	0.5	46
57	A Novel Targeted Learning Method for Quantitative Trait Loci Mapping. <i>Genetics</i> , 2014, 198, 1369-1376.	1.2	4
58	A Double Robust Approach to Causal Effects in Case-Control Studies. <i>American Journal of Epidemiology</i> , 2014, 179, 663-669.	1.6	20
59	Rose and van der Laan Respond to "Some Advantages of the Relative Excess Risk due to Interaction". <i>American Journal of Epidemiology</i> , 2014, 179, 672-673.	1.6	4
60	Mortality Risk Score Prediction in an Elderly Population Using Machine Learning. <i>American Journal of Epidemiology</i> , 2013, 177, 443-452.	1.6	156
61	A Targeted Maximum Likelihood Estimator for Two-Stage Designs. <i>International Journal of Biostatistics</i> , 2011, 7, 1-21.	0.4	24
62	Finding quantitative trait loci genes with collaborative targeted maximum likelihood learning. <i>Statistics and Probability Letters</i> , 2011, 81, 792-796.	0.4	18
63	Implementation of G-Computation on a Simulated Data Set: Demonstration of a Causal Inference Technique. <i>American Journal of Epidemiology</i> , 2011, 173, 731-738.	1.6	276
64	Targeted Learning. <i>Springer Series in Statistics</i> , 2011, , .	0.9	540
65	Independent Case-Control Studies. <i>Springer Series in Statistics</i> , 2011, , 219-228.	0.9	1
66	Why Match? Investigating Matched Case-Control Study Designs with Causal Effect Estimation. <i>International Journal of Biostatistics</i> , 2009, 5, Article 1.	0.4	228
67	Simple Optimal Weighting of Cases and Controls in Case-Control Studies. <i>International Journal of Biostatistics</i> , 2008, 4, Article 19.	0.4	37
68	Uncertainty in lung cancer stage for survival estimation via set-valued classification. <i>Statistics in Medicine</i> , 0, , .	0.8	2