Sherri Rose

List of Publications by Year in descending order

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Version: 2024-02-01

68 papers	3,529 citations	236925 25 h-index	149698 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. Healthcare, 2022, 10, 100594.	1.3	11
2	Intersections of machine learning and epidemiological methods for health services research. International Journal of Epidemiology, 2021, 49, 1763-1770.	1.9	16
3	Discussion on â€œApproval policies for modifications to machine learningâ€based software as a medical device: A study of biocreepâ€•by Jean Feng, Scott Emerson, and Noah Simon. Biometrics, 2021, 77, 49-51.	1.4	1
4	Reflection on modern methods: when worlds collideâ€”prediction, machine learning and causal inference. International Journal of Epidemiology, 2021, 49, 2058-2064.	1.9	55
5	Improving the Performance of Risk Adjustment Systems. American Journal of Health Economics, 2021, 7, 497-521.	3.0	8
6	Ethical Machine Learning in Healthcare. Annual Review of Biomedical Data Science, 2021, 4, 123-144.	6.5	154
7	Revisiting performance metrics for prediction with rare outcomes. Statistical Methods in Medical Research, 2021, 30, 2352-2366.	1.5	10
8	Identifying undercompensated groups defined by multiple attributes in risk adjustment. BMJ Health and Care Informatics, 2021, 28, e100414.	3.0	4
9	Machine learning for causal inference in Biostatistics. Biostatistics, 2020, 21, 336-338.	1.5	4
10	Impact of an Episode-Based Payment Initiative by Commercial Payers in Arkansas on Procedure Volume: an Observational Study. Journal of General Internal Medicine, 2020, 35, 578-585.	2.6	2
11	Nonparametric Bayesian Instrumental Variable Analysis: Evaluating Heterogeneous Effects of Coronary Arterial Access Site Strategies. Journal of the American Statistical Association, 2020, 115, 1635-1644.	3.1	4
12	Fair regression for health care spending. Biometrics, 2020, 76, 973-982.	1.4	29
13	A conversation with Sherri Rose, winner of the 2020 health policy statistics section mid-career award. Health Services and Outcomes Research Methodology, 2020, 20, 208-214.	1.8	1
14	Association of Nondiscrimination Policies With Mental Health Among Gender Minority Individuals. JAMA Psychiatry, 2020, 77, 952.	11.0	38
15	Double Robust Estimation for Multiple Unordered Treatments and Clustered Observations: Evaluating Drug-Eluting Coronary Artery Stents. Biometrics, 2019, 75, 289-296.	1.4	8
16	Association Between Broadband Internet Availability and Telemedicine Use. JAMA Internal Medicine, 2019, 179, 1580.	5.1	71
17	Considerations for outcomeâ€dependent biased sampling in health databases. Statistics in Medicine, 2019, 38, 4213-4215.	1.6	0
18	Data transformations to improve the performance of health plan payment methods. Journal of Health Economics, 2019, 66, 195-207.	2.7	15

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19	Limitations of P-Values and R-squared for Stepwise Regression Building: A Fairness Demonstration in Health Policy Risk Adjustment. American Statistician, 2019, 73, 152-156.	1.6	28
20	Classifying Stage IV Lung Cancer From Health Care Claims: A Comparison of Multiple Analytic Approaches. JCO Clinical Cancer Informatics, 2019, 3, 1-19.	2.1	8
21	Association Between Endoscopist Personality and Rate of Adenoma Detection. Clinical Gastroenterology and Hepatology, 2019, 17, 1571-1579.e7.	4.4	12
22	Endoscopist factors that influence serrated polyp detection: a multicenter study. Endoscopy, 2018, 50, 984-992.	1.8	48
23	Variation in Pathologist Classification of Colorectal Adenomas and Serrated Polyps. American Journal of Gastroenterology, 2018, 113, 431-439.	0.4	29
24	Medical Schools in Fragile States: Implications for Delivery of Care. Health Services Research, 2018, 53, 1335-1348.	2.0	6
25	Mental Health Risk Adjustment with Clinical Categories and Machine Learning. Health Services Research, 2018, 53, 3189-3206.	2.0	26
26	Sequential Super Learning. Springer Series in Statistics, 2018, , 27-34.	0.9	0
27	Targeted Learning in Data Science. Springer Series in Statistics, 2018, , .	0.9	92
28	Research Questions in Data Science. Springer Series in Statistics, 2018, , 3-14.	0.9	0
29	Robust Machine Learning Variable Importance Analyses of Medical Conditions for Health Care Spending. Health Services Research, 2018, 53, 3836-3854.	2.0	12
30	Predicting posttraumatic stress disorder following a natural disaster. Journal of Psychiatric Research, 2018, 96, 15-22.	3.1	54
31	Physician characteristics associated with higher adenoma detection rate. Gastrointestinal Endoscopy, 2018, 87, 778-786.e5.	1.0	58
32	Sample Selection for Medicare Risk Adjustment Due to Systematically Missing Data. Health Services Research, 2018, 53, 4204-4223.	2.0	2
33	How Is Telemedicine Being Used In Opioid And Other Substance Use Disorder Treatment?. Health Affairs, 2018, 37, 1940-1947.	5.2	124
34	National Rates of Initiation and Intensification of Antidiabetic Therapy Among Patients With Commercial Insurance. Diabetes Care, 2018, 41, 1776-1782.	8.6	5
35	Machine Learning for Prediction in Electronic Health Data. JAMA Network Open, 2018, 1, e181404.	5.9	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.	2.5	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.	1.6	1
39	Matching and Imputation Methods for Risk Adjustment in the Health Insurance Marketplaces. Statistics in Biosciences, 2017, 9, 525-542.	1.2	5
40	Lower- Versus Higher-Income Populations In The Alternative Quality Contract: Improved Quality And Similar Spending. Health Affairs, 2017, 36, 74-82.	5.2	21
41	Rapid Growth In Mental Health Telemedicine Use Among Rural Medicare Beneficiaries, Wide Variation Across States. Health Affairs, 2017, 36, 909-917.	5.2	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.	4.4	119
43	Insurance Transitions and Changes in Physician and Emergency Department Utilization: An Observational Study. Journal of General Internal Medicine, 2017, 32, 1146-1155.	2.6	28
44	Targeted Maximum Likelihood Estimation for Causal Inference in Observational Studies. American Journal of Epidemiology, 2017, 185, 65-73.	3.4	199
45	Implications of family risk pooling for individual health insurance markets. Health Services and Outcomes Research Methodology, 2017, 17, 219-236.	1.8	1
46	Computational health economics for identification of unprofitable health care enrollees. Biostatistics, 2017, 18, 682-694.	1.5	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.	2.0	60
49	Assessing Hospital Performance After Percutaneous Coronary Intervention Using Big Data. Circulation: Cardiovascular Quality and Outcomes, 2016, 9, 659-669.	2.2	14
50	A conversation with Elizabeth A. Stuart. Health Services and Outcomes Research Methodology, 2016, 16, 177-186.	1.8	1
51	Risk-Adjustment Simulation: Plans May Have Incentives To Distort Mental Health And Substance Use Coverage. Health Affairs, 2016, 35, 1022-1028.	5.2	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.	2.7	25
53	Variation In Accountable Care Organization Spending And Sensitivity To Risk Adjustment: Implications For Benchmarking. Health Affairs, 2016, 35, 440-448.	5.2	35
54	Predicting Suicides After Psychiatric Hospitalization in US Army Soldiers. JAMA Psychiatry, 2015, 72, 49.	11.0	385

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55	The impact of exclusion criteria on a physicianâ€™s adenoma detection rate. Gastrointestinal Endoscopy, 2015, 82, 668-675.	1.0	25
56	Public reporting of colonoscopy quality is associated with an increase in endoscopist adenoma detection rate. Gastrointestinal Endoscopy, 2015, 82, 676-682.	1.0	46
57	A Novel Targeted Learning Method for Quantitative Trait Loci Mapping. Genetics, 2014, 198, 1369-1376.	2.9	4
58	A Double Robust Approach to Causal Effects in Case-Control Studies. American Journal of Epidemiology, 2014, 179, 663-669.	3.4	20
59	Rose and van der Laan Respond to "Some Advantages of the Relative Excess Risk due to Interaction". American Journal of Epidemiology, 2014, 179, 672-673.	3.4	4
60	Mortality Risk Score Prediction in an Elderly Population Using Machine Learning. American Journal of Epidemiology, 2013, 177, 443-452.	3.4	156
61	A Targeted Maximum Likelihood Estimator for Two-Stage Designs. International Journal of Biostatistics, 2011, 7, 1-21.	0.7	24
62	Finding quantitative trait loci genes with collaborative targeted maximum likelihood learning. Statistics and Probability Letters, 2011, 81, 792-796.	0.7	18
63	Implementation of G-Computation on a Simulated Data Set: Demonstration of a Causal Inference Technique. American Journal of Epidemiology, 2011, 173, 731-738.	3.4	276
64	Targeted Learning. Springer Series in Statistics, 2011, , .	0.9	540
65	Independent Case-Control Studies. Springer Series in Statistics, 2011, , 219-228.	0.9	1
66	Why Match? Investigating Matched Case-Control Study Designs with Causal Effect Estimation. International Journal of Biostatistics, 2009, 5, Article 1.	0.7	228
67	Simple Optimal Weighting of Cases and Controls in Case-Control Studies. International Journal of Biostatistics, 2008, 4, Article 19.	0.7	37
68	Uncertainty in lung cancer stage for survival estimation via setâ€valued classification. Statistics in Medicine, 0, , .	1.6	2