Sherri Rose

List of Publications by Year in descending order

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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	Targeted Learning. Springer Series in Statistics, 2011, , .	0.9	540
2	Predicting Suicides After Psychiatric Hospitalization in US Army Soldiers. JAMA Psychiatry, 2015, 72, 49.	11.0	385
3	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
4	Why Match? Investigating Matched Case-Control Study Designs with Causal Effect Estimation. International Journal of Biostatistics, 2009, 5, Article 1.	0.7	228
5	Targeted Maximum Likelihood Estimation for Causal Inference in Observational Studies. American Journal of Epidemiology, 2017, 185, 65-73.	3.4	199
6	Mortality Risk Score Prediction in an Elderly Population Using Machine Learning. American Journal of Epidemiology, 2013, 177, 443-452.	3.4	156
7	Ethical Machine Learning in Healthcare. Annual Review of Biomedical Data Science, 2021, 4, 123-144.	6.5	154
8	How Is Telemedicine Being Used In Opioid And Other Substance Use Disorder Treatment?. Health Affairs, 2018, 37, 1940-1947.	5.2	124
9	Rapid Growth In Mental Health Telemedicine Use Among Rural Medicare Beneficiaries, Wide Variation Across States. Health Affairs, 2017, 36, 909-917.	5.2	122
10	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
11	Targeted Learning in Data Science. Springer Series in Statistics, 2018, , .	0.9	92
12	Association Between Broadband Internet Availability and Telemedicine Use. JAMA Internal Medicine, 2019, 179, 1580.	5.1	71
13	Machine Learning for Prediction in Electronic Health Data. JAMA Network Open, 2018, 1, e181404.	5.9	63
14	A Machine Learning Framework for Plan Payment Risk Adjustment. Health Services Research, 2016, 51, 2358-2374.	2.0	60
15	Physician characteristics associated with higher adenoma detection rate. Gastrointestinal Endoscopy, 2018, 87, 778-786.e5.	1.0	58
16	Reflection on modern methods: when worlds collideâ€"prediction, machine learning and causal inference. International Journal of Epidemiology, 2021, 49, 2058-2064.	1.9	55
17	Predicting posttraumatic stress disorder following a natural disaster. Journal of Psychiatric Research, 2018, 96, 15-22.	3.1	54
18	Endoscopist factors that influence serrated polyp detection: a multicenter study. Endoscopy, 2018, 50, 984-992.	1.8	48

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19	Risk-Adjustment Simulation: Plans May Have Incentives To Distort Mental Health And Substance Use Coverage. Health Affairs, 2016, 35, 1022-1028.	5.2	47
20	Public reporting of colonoscopy quality is associated with an increase in endoscopist adenoma detection rate. Gastrointestinal Endoscopy, 2015, 82, 676-682.	1.0	46
21	Association of Nondiscrimination Policies With Mental Health Among Gender Minority Individuals. JAMA Psychiatry, 2020, 77, 952.	11.0	38
22	Simple Optimal Weighting of Cases and Controls in Case-Control Studies. International Journal of Biostatistics, 2008, 4, Article 19.	0.7	37
23	Variation In Accountable Care Organization Spending And Sensitivity To Risk Adjustment: Implications For Benchmarking. Health Affairs, 2016, 35, 440-448.	5.2	35
24	Variation in Pathologist Classification of Colorectal Adenomas and Serrated Polyps. American Journal of Gastroenterology, 2018, 113, 431-439.	0.4	29
25	Fair regression for health care spending. Biometrics, 2020, 76, 973-982.	1.4	29
26	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
27	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
28	Risk Adjustment for Health Plan Payment. , 2018, , 55-104.		27
29	Mental Health Risk Adjustment with Clinical Categories and Machine Learning. Health Services Research, 2018, 53, 3189-3206.	2.0	26
30	The impact of exclusion criteria on a physicianâ€™s adenoma detection rate. Gastrointestinal Endoscopy, 2015, 82, 668-675.	1.0	25
31	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
32	A Targeted Maximum Likelihood Estimator for Two-Stage Designs. International Journal of Biostatistics, 2011, 7, 1-21.	0.7	24
33	Lower- Versus Higher-Income Populations In The Alternative Quality Contract: Improved Quality And Similar Spending. Health Affairs, 2017, 36, 74-82.	5.2	21
34	A Double Robust Approach to Causal Effects in Case-Control Studies. American Journal of Epidemiology, 2014, 179, 663-669.	3.4	20
35	Computational health economics for identification of unprofitable health care enrollees. Biostatistics, 2017, 18, 682-694.	1.5	20
36	Prediction of absolute risk of acute graft-versus-host disease following hematopoietic cell transplantation. PLoS ONE, 2018, 13, e0190610.	2.5	20

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37	Finding quantitative trait loci genes with collaborative targeted maximum likelihood learning. Statistics and Probability Letters, 2011, 81, 792-796.	0.7	18
38	Intersections of machine learning and epidemiological methods for health services research. International Journal of Epidemiology, 2021, 49, 1763-1770.	1.9	16
39	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
40	Data transformations to improve the performance of health plan payment methods. Journal of Health Economics, 2019, 66, 195-207.	2.7	15
41	Assessing Hospital Performance After Percutaneous Coronary Intervention Using Big Data. Circulation: Cardiovascular Quality and Outcomes, 2016, 9, 659-669.	2.2	14
42	Robust Machine Learning Variable Importance Analyses of Medical Conditions for Health Care Spending. Health Services Research, 2018, 53, 3836-3854.	2.0	12
43	Association Between Endoscopist Personality and Rate of Adenoma Detection. Clinical Gastroenterology and Hepatology, 2019, 17, 1571-1579.e7.	4.4	12
44	Advancing primary care with Artificial Intelligence and Machine Learning. Healthcare, 2022, 10, 100594.	1.3	11
45	Revisiting performance metrics for prediction with rare outcomes. Statistical Methods in Medical Research, 2021, 30, 2352-2366.	1.5	10
46	Double Robust Estimation for Multiple Unordered Treatments and Clustered Observations: Evaluating Drug-Eluting Coronary Artery Stents. Biometrics, 2019, 75, 289-296.	1.4	8
47	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
48	Improving the Performance of Risk Adjustment Systems. American Journal of Health Economics, 2021, 7, 497-521.	3.0	8
49	Medical Schools in Fragile States: Implications for Delivery of Care. Health Services Research, 2018, 53, 1335-1348.	2.0	6
50	Matching and Imputation Methods for Risk Adjustment in the Health Insurance Marketplaces. Statistics in Biosciences, 2017, 9, 525-542.	1.2	5
51	National Rates of Initiation and Intensification of Antidiabetic Therapy Among Patients With Commercial Insurance. Diabetes Care, 2018, 41, 1776-1782.	8.6	5
52	A Novel Targeted Learning Method for Quantitative Trait Loci Mapping. Genetics, 2014, 198, 1369-1376.	2.9	4
53	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
54	Machine learning for causal inference in Biostatistics. Biostatistics, 2020, 21, 336-338.	1.5	4

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55	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
56	Identifying undercompensated groups defined by multiple attributes in risk adjustment. BMJ Health and Care Informatics, 2021, 28, e100414.	3.0	4
57	Sample Selection for Medicare Risk Adjustment Due to Systematically Missing Data. Health Services Research, 2018, 53, 4204-4223.	2.0	2
58	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
59	Uncertainty in lung cancer stage for survival estimation via setâ€valued classification. Statistics in Medicine, 0, , .	1.6	2
60	A conversation with Elizabeth A. Stuart. Health Services and Outcomes Research Methodology, 2016, 16, 177-186.	1.8	1
61	Implications of family risk pooling for individual health insurance markets. Health Services and Outcomes Research Methodology, 2017, 17, 219-236.	1.8	1
62	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
63	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
64	Independent Case-Control Studies. Springer Series in Statistics, 2011, , 219-228.	0.9	1
65	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
66	Sequential Super Learning. Springer Series in Statistics, 2018, , 27-34.	0.9	0
67	Research Questions in Data Science. Springer Series in Statistics, 2018, , 3-14.	0.9	0
68	Considerations for outcomeâ€dependent biased sampling in health databases. Statistics in Medicine, 2019, 38, 4213-4215.	1.6	0