

# Andreas Mayr Dipl Stat

## List of Publications by Year in descending order

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Version: 2024-02-01

87

papers

2,386

citations

236925

25

h-index

243625

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g-index

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97

docs citations

97

times ranked

3135

citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Sonographic Fetal Weight Estimation Inaccuracies inÂMacrosomia on Perinatal Outcome. <i>Ultraschall in Der Medizin</i> , 2022, 43, e56-e64.	1.5	4
2	Effects of treatment with SGLT-2 inhibitors on arginine-related cardiovascular and renal biomarkers. <i>Cardiovascular Diabetology</i> , 2022, 21, 4.	6.8	4
3	Postoperative delirium is an independent factor influencing the length of stay of elderly patients in the intensive care unit and in hospital. <i>Journal of Anesthesia</i> , 2022, 36, 341-348.	1.7	16
4	Clinical value of pre-operative scoring systems to predict leiomyosarcoma: results of a validation study in 177 patients from the NOGGO-REGSA Registry. <i>International Journal of Gynecological Cancer</i> , 2022, , ijgc-2021-003334.	2.5	3
5	GenRisk: a tool for comprehensive genetic risk modeling. <i>Bioinformatics</i> , 2022, 38, 2651-2653.	4.1	4
6	Multimodal treatment efficacy differs in dependence of core symptom profiles in adult Attention-Deficit/Hyperactivity Disorder: An analysis of the randomized controlled COMPAS trial. <i>Journal of Psychiatric Research</i> , 2022, 151, 225-234.	3.1	3
7	PRe-Operative Prediction of postoperative DELirium by appropriate SCReening (PROPDESC) development and validation of a pragmatic POD risk screening score based on routine preoperative data. <i>Journal of Clinical Anesthesia</i> , 2022, 78, 110684.	1.6	8
8	Deselection of base-learners for statistical boostingâ€”with an application to distributional regression. <i>Statistical Methods in Medical Research</i> , 2022, 31, 207-224.	1.5	8
9	Estimating the course of the COVID-19 pandemic in Germany via spline-based hierarchical modelling of death counts. <i>Scientific Reports</i> , 2022, 12, .	3.3	1
10	The Impact of Perioperative and Predisposing Risk Factors on the Development of Postoperative Delirium and a Possible Gender Difference. <i>Geriatrics (Switzerland)</i> , 2022, 7, 65.	1.7	9
11	Validation of the Preoperative Score to Predict Postoperative Mortality (POSPOM) in Germany. <i>PLoS ONE</i> , 2021, 16, e0245841.	2.5	5
12	Postoperative delirium after cardiac surgery of elderly patients as an independent risk factor for prolonged length of stay in intensive care unit and in hospital. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 3047-3056.	2.9	28
13	More than one way: exploring the capabilities of different estimation approaches to joint models for longitudinal and time-to-event outcomes. <i>International Journal of Biostatistics</i> , 2021, .	0.7	3
14	Gradient boosting in Markov-switching generalized additive models for location, scale, and shape. <i>Econometrics and Statistics</i> , 2021, , .	0.8	1
15	Perioperative Vascular Biomarker Profiling in Elective Surgery Patients Developing Postoperative Delirium: A Prospective Cohort Study. <i>Biomedicine</i> , 2021, 9, 553.	3.2	6
16	Estimating effective infection fatality rates during the course of the COVID-19 pandemic in Germany. <i>BMC Public Health</i> , 2021, 21, 1073.	2.9	33
17	The Randomized AMBORA Trial: Impact of Pharmacological/Pharmaceutical Care on Medication Safety and Patient-Reported Outcomes During Treatment With New Oral Anticancer Agents. <i>Journal of Clinical Oncology</i> , 2021, 39, 1983-1994.	1.6	37
18	The level of postoperative care influences mortality prediction by the POSPOM score: A retrospective cohort analysis. <i>PLoS ONE</i> , 2021, 16, e0257829.	2.5	4

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19	Randomized boosting with multivariable base-learners for high-dimensional variable selection and prediction. BMC Bioinformatics, 2021, 22, 441.	2.6	5
20	Ultrasound Fetal Weight Estimation in Diabetic Pregnancies. Journal of Ultrasound in Medicine, 2020, 39, 341-350.	1.7	5
21	Longitudinal Course of Short-Term Variation and Doppler Parameters in Early Onset Growth Restricted Fetuses. Ultraschall in Der Medizin, 2020, 41, e23-e32.	1.5	2
22	Estimating patients' risk for postoperative delirium from preoperative routine data - Trial design of the PRe-Operative prediction of postoperative DELirium by appropriate SCreening (PROPDESC) study - A monocentre prospective observational trial. Contemporary Clinical Trials Communications, 2020, 17, 100501.	1.1	10
23	Latent class distributional regression for the estimation of non-linear reference limits from contaminated data sources. BMC Bioinformatics, 2020, 21, 524.	2.6	8
24	Amniotic-Umbilical-to-Cerebral Ratio "A Novel Ratio Combining Doppler Parameters and Amniotic Fluid Volume to Predict Adverse Perinatal Outcome in SGA Fetuses At Term. Ultraschall in Der Medizin, 2020, , .	1.5	1
25	Psychopathological Networks in Cognitive-Behavioral Treatments for Binge-Eating Disorder. Psychotherapy and Psychosomatics, 2020, 89, 379-385.	8.8	20
26	RefCurv: A software for the construction of pediatric reference curves. Software Impacts, 2020, 6, 100040.	1.4	18
27	Measuring the cellular memory B cell response after vaccination in patients after allogeneic stem cell transplantation. Annals of Hematology, 2020, 99, 1895-1906.	1.8	6
28	Adherence as a predictor of dropout in Internet-based guided self-help for adults with binge-eating disorder and overweight or obesity. International Journal of Eating Disorders, 2020, 53, 555-563.	4.0	19
29	Correlation of short-term variation and Doppler parameters with adverse perinatal outcome in small-for-gestational age fetuses at term. Archives of Gynecology and Obstetrics, 2019, 300, 575-581.	1.7	5
30	Significance Tests for Boosted Location and Scale Models with Linear Base-Learners. International Journal of Biostatistics, 2019, 15, .	0.7	5
31	Can Sonographic Fetal Biometry Predict Adverse Perinatal Outcome?. Ultraschall in Der Medizin, 2019, 40, 230-236.	1.5	6
32	Correlation of short-term variation and Doppler parameters with adverse perinatal outcome in low-risk fetuses at term. Archives of Gynecology and Obstetrics, 2019, 299, 411-420.	1.7	13
33	Early Change Trajectories in Cognitive-Behavioral Therapy for Binge-Eating Disorder. Behavior Therapy, 2019, 50, 115-125.	2.4	18
34	Boosting for statistical modelling-A non-technical introduction. Statistical Modelling, 2018, 18, 365-384.	1.1	26
35	Economic evaluation of cognitive behavioral therapy and Internet-based guided self-help for binge-eating disorder. International Journal of Eating Disorders, 2018, 51, 155-164.	4.0	36
36	Signal Regression Models for Location, Scale and Shape with an Application to Stock Returns. Journal of the Royal Statistical Society Series C: Applied Statistics, 2018, 67, 665-686.	1.0	6

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37	Gradient boosting for distributional regression: faster tuning and improved variable selection via noncyclical updates. <i>Statistics and Computing</i> , 2018, 28, 673-687.	1.5	36
38	The <i>betaboost</i> package “a software tool for modelling bounded outcome variables in potentially high-dimensional epidemiological data. <i>International Journal of Epidemiology</i> , 2018, 47, 1383-1388.	1.9	7
39	On the dependency of soccer scores – a sparse bivariate Poisson model for the UEFA European football championship 2016. <i>Journal of Quantitative Analysis in Sports</i> , 2018, 14, 65-79.	1.0	21
40	Prospective, randomized, double-blind, placebo-controlled phase IIa clinical trial on the effects of an estrogen-progestin combination as add-on to inpatient psychotherapy in adult female patients suffering from anorexia nervosa. <i>BMC Psychiatry</i> , 2018, 18, 93.	2.6	5
41	Editorial 'Bridging the gap between methodology and applications: Tutorials on semiparametric regression'. <i>Statistical Modelling</i> , 2018, 18, 199-202.	1.1	0
42	A permutation test to analyse systematic bias and random measurement errors of medical devices via boosting location and scale models. <i>Statistical Methods in Medical Research</i> , 2017, 26, 1443-1460.	1.5	16
43	Longitudinal Assessment of Examiner Experience and the Accuracy of Sonographic Fetal Weight Estimation at Term. <i>Journal of Ultrasound in Medicine</i> , 2017, 36, 163-174.	1.7	7
44	Longitudinal <i>z</i> -Score Distribution in Sonographic Fetal Biometry: Influence of Examiner and Experience. <i>Journal of Ultrasound in Medicine</i> , 2017, 36, 1021-1028.	1.7	2
45	Boosting joint models for longitudinal and time-to-event data. <i>Biometrical Journal</i> , 2017, 59, 1104-1121.	1.0	14
46	Effect of Internet-Based Guided Self-help vs Individual Face-to-Face Treatment on Full or Subsyndromal Binge Eating Disorder in Overweight or Obese Patients. <i>JAMA Psychiatry</i> , 2017, 74, 987.	11.0	112
47	An Update on Statistical Boosting in Biomedicine. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-12.	1.3	25
48	Probing for Sparse and Fast Variable Selection with Model-Based Boosting. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-8.	1.3	23
49	Advances in clinical pharmacy education in Germany: a quasi-experimental single-blinded study to evaluate a patient-centred clinical pharmacy course in psychiatry. <i>BMC Medical Education</i> , 2017, 17, 251.	2.4	6
50	Predictive Modelling Based on Statistical Learning in Biomedicine. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-3.	1.3	43
51	Approaches to Regularized Regression – A Comparison between Gradient Boosting and the Lasso. <i>Methods of Information in Medicine</i> , 2016, 55, 422-430.	1.2	114
52	Boosting the discriminatory power of sparse survival models via optimization of the concordance index and stability selection. <i>BMC Bioinformatics</i> , 2016, 17, 288.	2.6	25
53	A New Sonographic Weight Estimation Formula for Small-for-Gestational-Age Fetuses. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 1713-1724.	1.7	6
54	Performance of stented biological valves for right ventricular outflow tract reconstruction. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 933-939.	1.1	7

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55	Accuracy of sonographic fetal weight estimation: influence of the scan-to-delivery interval in combination with the applied weight estimation formula. Archives of Gynecology and Obstetrics, 2016, 294, 487-493.	1.7	13
56	Caffeine intake is related to successful weight loss maintenance. European Journal of Clinical Nutrition, 2016, 70, 532-534.	2.9	28
57	Feasibility and Acceptability of an Alcohol Addiction Therapy Integrated in a Transplant Center for Patients Awaiting Liver Transplantation. Alcohol and Alcoholism, 2016, 51, 40-46.	1.6	21
58	gamboostLSS: An R Package for Model Building and Variable Selection in the GAMLSS Framework. Journal of Statistical Software, 2016, 74, .	3.7	35
59	Effect of a Multi-Dimensional and Inter-Sectoral Intervention on the Adherence of Psychiatric Patients. PLoS ONE, 2015, 10, e0139302.	2.5	8
60	Effects of the Lifestyle Intervention Program GLICEMIA in People at Risk for Type 2 Diabetes: A Cluster-Randomized Controlled Trial: Table 1. Diabetes Care, 2015, 38, 937-939.	8.6	17
61	Sonographic weight estimation in fetal macrosomia: influence of the time interval between estimation and delivery. Archives of Gynecology and Obstetrics, 2015, 292, 59-67.	1.7	17
62	What distinguishes weight loss maintainers of the German Weight Control Registry from the general population?. Obesity, 2015, 23, 1112-1118.	3.0	23
63	Pharmacist-Led Medication Reviews to Identify and Collaboratively Resolve Drug-Related Problems in Psychiatry – A Controlled, Clinical Trial. PLoS ONE, 2015, 10, e0142011.	2.5	25
64	Boosting the Concordance Index for Survival Data – A Unified Framework To Derive and Evaluate Biomarker Combinations. PLoS ONE, 2014, 9, e84483.	2.5	84
65	The Evolution of Boosting Algorithms. Methods of Information in Medicine, 2014, 53, 419-427.	1.2	209
66	Extending Statistical Boosting. Methods of Information in Medicine, 2014, 53, 428-435.	1.2	40
67	Model-based boosting in R: a hands-on tutorial using the R package mboost. Computational Statistics, 2014, 29, 3-35.	1.5	169
68	Dose Reduction of the Female Breast in Chest CT. American Journal of Roentgenology, 2014, 202, W447-W452.	2.2	17
69	Sonographic weight estimation in fetuses with breech presentation. Archives of Gynecology and Obstetrics, 2013, 287, 851-858.	1.7	13
70	Assessing skin pigmentation in epidemiological studies: The reliability of measurements under different conditions. Skin Research and Technology, 2013, 19, 100-106.	1.6	7
71	Travel behaviour of patients with haemophilia. Travel Medicine and Infectious Disease, 2013, 11, 159-165.	3.0	5
72	Should early improvement be redefined to better predict the maintenance of response in first-episode schizophrenia patients?. Acta Psychiatrica Scandinavica, 2013, 127, 474-481.	4.5	10

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73	Boosted Beta Regression. PLoS ONE, 2013, 8, e61623.	2.5	46
74	Akathisia and Suicidal Ideation in First-Episode Schizophrenia. Journal of Clinical Psychopharmacology, 2012, 32, 694-698.	1.4	29
75	Depressive symptoms and their association with acute treatment outcome in first-episode schizophrenia patients: Comparing treatment with risperidone and haloperidol. World Journal of Biological Psychiatry, 2012, 13, 30-38.	2.6	23
76	Web-based data collection yielded an additional response bias but had no direct effect on outcome scales. Journal of Clinical Epidemiology, 2012, 65, 970-977.	5.0	35
77	INTERBED: internet-based guided self-help for overweight and obese patients with full or subsyndromal binge eating disorder. A multicenter randomized controlled trial. Trials, 2012, 13, 220.	1.6	36
78	The Importance of Knowing When to Stop. Methods of Information in Medicine, 2012, 51, 178-186.	1.2	64
79	Prediction intervals for future BMI values of individual children - a non-parametric approach by quantile boosting. BMC Medical Research Methodology, 2012, 12, 6.	3.1	24
80	Generalized Additive Models for Location, Scale and Shape for High Dimensional Data: A Flexible Approach Based on Boosting. Journal of the Royal Statistical Society Series C: Applied Statistics, 2012, 61, 403-427.	1.0	101
81	Relationship between Baseline Severity of Depression and Antidepressant Treatment Outcome. Pharmacopsychiatry, 2011, 44, 27-32.	3.3	17
82	Predictors of response and remission in the acute treatment of first-episode schizophrenia patients: Is it all about early response?. European Neuropsychopharmacology, 2011, 21, 370-378.	0.7	46
83	Homer-1 polymorphisms are associated with psychopathology and response to treatment in schizophrenic patients. Journal of Psychiatric Research, 2011, 45, 234-241.	3.1	55
84	An early improvement threshold to predict response and remission in first-episode schizophrenia. British Journal of Psychiatry, 2010, 196, 460-466.	2.8	42
85	Should the PANSS Be Rescaled?. Schizophrenia Bulletin, 2010, 36, 455-460.	4.3	94
86	Virtual reality and gait rehabilitation Augmented feedback for the Lokomat. , 2009, , .		19
87	Does early improvement triggered by antidepressants predict response/remission? Analysis of data from a naturalistic study on a large sample of inpatients with major depression. Journal of Affective Disorders, 2009, 115, 439-449.	4.1	150