

# Markus Pauly

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

1,313  
citations

361413

20  
h-index

434195

31  
g-index

72  
all docs

72  
docs citations

72  
times ranked

938  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymptotic Permutation Tests in General Factorial Designs. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2015, 77, 461-473.	2.2	87
2	Parametric and nonparametric bootstrap methods for general MANOVA. <i>Journal of Multivariate Analysis</i> , 2015, 140, 291-301.	1.0	81
3	Rank-Based Procedures in Factorial Designs: Hypotheses About Non-Parametric Treatment Effects. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2017, 79, 1463-1485.	2.2	73
4	Resampling-Based Analysis of Multivariate Data and Repeated Measures Designs with the R Package MANOVA.RM. <i>R Journal</i> , 2019, 11, 380.	1.8	72
5	Bootstrapping and permuting paired t-test type statistics. <i>Statistics and Computing</i> , 2014, 24, 283-296.	1.5	60
6	Permuting longitudinal data in spite of the dependencies. <i>Journal of Multivariate Analysis</i> , 2017, 153, 255-265.	1.0	47
7	MATS: Inference for potentially singular and heteroscedastic MANOVA. <i>Journal of Multivariate Analysis</i> , 2018, 165, 166-179.	1.0	45
8	Testing Mean Differences among Groups: Multivariate and Repeated Measures Analysis with Minimal Assumptions. <i>Multivariate Behavioral Research</i> , 2018, 53, 348-359.	3.1	42
9	A studentized permutation test for the nonparametric Behrens-Fisher problem in paired data. <i>Electronic Journal of Statistics</i> , 2012, 6, .	0.7	33
10	Permutation-based inference for the AUC: A unified approach for continuous and discontinuous data. <i>Biometrical Journal</i> , 2016, 58, 1319-1337.	1.0	33
11	Weak Convergence of the Wild Bootstrap for the Aalen's Johansen Estimator of the Cumulative Incidence Function of a Competing Risk. <i>Scandinavian Journal of Statistics</i> , 2013, 40, 387-402.	1.4	32
12	<b>GFD</b> : An R Package for the Analysis of General Factorial Designs. <i>Journal of Statistical Software</i> , 2017, 79, .	3.7	29
13	Is there a role for statistics in artificial intelligence?. <i>Advances in Data Analysis and Classification</i> , 2022, 16, 823-846.	1.4	27
14	Intergenerational gene-environment interaction of FKBP5 and childhood maltreatment on hair steroids. <i>Psychoneuroendocrinology</i> , 2018, 92, 103-112.	2.7	26
15	Small sample sizes: A big data problem in high-dimensional data analysis. <i>Statistical Methods in Medical Research</i> , 2021, 30, 687-701.	1.5	25
16	Weighted resampling of martingale difference arrays with applications. <i>Electronic Journal of Statistics</i> , 2011, 5, .	0.7	23
17	Testing equality of spectral densities using randomization techniques. <i>Bernoulli</i> , 2015, 21, .	1.3	23
18	A wild bootstrap approach for nonparametric repeated measurements. <i>Computational Statistics and Data Analysis</i> , 2017, 113, 38-52.	1.2	23

#	ARTICLE	IF	CITATIONS
19	Nonparametric MANOVA in meaningful effects. <i>Annals of the Institute of Statistical Mathematics</i> , 2020, 72, 997-1022.	0.8	23
20	High-sensitivity cardiac troponin I after coronary artery bypass grafting for post-operative decision-making. <i>European Heart Journal</i> , 2022, 43, 2388-2403.	2.2	23
21	Which test for crossing survival curves? A user's guideline. <i>BMC Medical Research Methodology</i> , 2022, 22, 34.	3.1	23
22	Weighted Logrank Permutation Tests for Randomly Right Censored Life Science Data. <i>Scandinavian Journal of Statistics</i> , 2014, 41, 742-761.	1.4	22
23	A Wild Bootstrap Approach for the Aalen-Johansen Estimator. <i>Biometrics</i> , 2018, 74, 977-985.	1.4	22
24	Childhood maltreatment as risk factor for lifetime depression: The role of different types of experiences and sensitive periods. <i>Mental Health and Prevention</i> , 2018, 10, 56-65.	1.3	22
25	Predicting missing values: a comparative study on non-parametric approaches for imputation. <i>Computational Statistics</i> , 2019, 34, 1741-1764.	1.5	22
26	Analysis of high-dimensional one group repeated measures designs. <i>Statistics</i> , 2015, 49, 1243-1261.	0.6	21
27	Bootstrap- and permutation-based inference for the Mann-Whitney effect for right-censored and tied data. <i>Test</i> , 2018, 27, 639-658.	1.1	21
28	Discussion about the quality of F-ratio resampling tests for comparing variances. <i>Test</i> , 2011, 20, 163-179.	1.1	18
29	A note on using periodogram-based distances for comparing spectral densities. <i>Statistics and Probability Letters</i> , 2012, 82, 158-164.	0.7	16
30	Permuting incomplete paired data: a novel exact and asymptotic correct randomization test. <i>Journal of Statistical Computation and Simulation</i> , 2017, 87, 1148-1159.	1.2	16
31	Consistent estimation of residual variance with random forest Out-Of-Bag errors. <i>Statistics and Probability Letters</i> , 2019, 151, 49-57.	0.7	16
32	$\mathcal{S}$ -functionals of multivariate scatter. <i>Statistics Surveys</i> , 2015, 9, .	11.3	15
33	Travel Time Prediction Using Tree-Based Ensembles. <i>Lecture Notes in Computer Science</i> , 2020, , 412-427.	1.3	14
34	Bootstrapping Aalen-Johansen processes for competing risks: Handicaps, solutions, and limitations. <i>Electronic Journal of Statistics</i> , 2014, 8, .	0.7	14
35	On the role of data, statistics and decisions in a pandemic. <i>ASTA Advances in Statistical Analysis</i> , 2022, 106, 349-382.	0.9	14
36	A cautionary tale on using imputation methods for inference in matched-pairs design. <i>Bioinformatics</i> , 2020, 36, 3099-3106.	4.1	13

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37	Permutation tests are robust and powerful at 0.5% and 5% significance levels. Behavior Research Methods, 2021, 53, 2712-2724.	4.0	13
38	Consistency of the Subsample Bootstrap empirical process. Statistics, 2012, 46, 621-626.	0.6	12
39	Rank-based permutation approaches for non-parametric factorial designs. British Journal of Mathematical and Statistical Psychology, 2017, 70, 368-390.	1.4	12
40	The wild bootstrap for multivariate Nelson's Aalen estimators. Lifetime Data Analysis, 2019, 25, 97-127.	0.9	12
41	Small-sample performance and underlying assumptions of a bootstrap-based inference method for a general analysis of covariance model with possibly heteroskedastic and nonnormal errors. Statistical Methods in Medical Research, 2019, 28, 3808-3821.	1.5	10
42	Wild bootstrapping rank-based procedures: Multiple testing in nonparametric factorial repeated measures designs. Journal of Multivariate Analysis, 2019, 171, 176-192.	1.0	10
43	Factorial analyses of treatment effects under independent right-censoring. Statistical Methods in Medical Research, 2020, 29, 325-343.	1.5	10
44	Ranks and Pseudo-ranks: Surprising Results of Certain Rank Tests in Unbalanced Designs. International Statistical Review, 2021, 89, 349-366.	1.9	10
45	An evaluation of the influence of haptic feedback on gaze behavior during in-car interaction with touch screens. , 2017, , .		9
46	Multiplication-combination tests for incomplete paired data. Statistics in Medicine, 2019, 38, 3243-3255.	1.6	8
47	Inferring median survival differences in general factorial designs via permutation tests. Statistical Methods in Medical Research, 2021, 30, 875-891.	1.5	8
48	On the Relation between Prediction and Imputation Accuracy under Missing Covariates. Entropy, 2022, 24, 386.	2.2	8
49	Wild bootstrap logrank tests with broader power functions for testing superiority. Computational Statistics and Data Analysis, 2019, 136, 1-11.	1.2	7
50	A simulation study to compare robust tests for linear mixed-effects meta-regression. Research Synthesis Methods, 2020, 11, 331-342.	8.7	7
51	Fisher transformation based confidence intervals of correlations in fixed and random effects meta-analysis. British Journal of Mathematical and Statistical Psychology, 2022, 75, 1-22.	1.4	6
52	Confidence Bands for Multiplicative Hazards Models: Flexible Resampling Approaches. Biometrics, 2019, 75, 906-916.	1.4	5
53	Asymptotic permutation tests for coefficients of variation and standardised means in general one-way ANOVA models. Statistical Methods in Medical Research, 2020, 29, 2733-2748.	1.5	5
54	Imputing missings in official statistics for general tasks - our vote for distributional accuracy. Statistical Journal of the IAOS, 2021, , 1-12.	0.4	5

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55	Inference for high-dimensional split-plot-designs: A unified approach for small to large numbers of factor levels. <i>Electronic Journal of Statistics</i> , 2018, 12, .	0.7	5
56	CASANOVA: Permutation inference in factorial survival designs. <i>Biometrics</i> , 2023, 79, 203-215.	1.4	5
57	QANOVA: quantile-based permutation methods for general factorial designs. <i>Test</i> , 2021, 30, 960-979.	1.1	4
58	Ranking procedures for repeated measures designs with missing data: Estimation, testing and asymptotic theory. <i>Statistical Methods in Medical Research</i> , 2022, 31, 105-118.	1.5	4
59	Resampling-Based Inference Methods for Comparing Two Coefficients Alpha. <i>Psychometrika</i> , 2018, 83, 203-222.	2.1	3
60	Multivariate analysis of covariance with potentially singular covariance matrices and non-normal responses. <i>Journal of Multivariate Analysis</i> , 2020, 177, 104594.	1.0	3
61	Asymptotic-based bootstrap approach for matched pairs with missingness in a single arm. <i>Biometrical Journal</i> , 2021, 63, 1389-1405.	1.0	3
62	Simultaneous Statistical Inference in Dynamic Factor Models. <i>Contributions To Statistics</i> , 2016, , 27-45.	0.2	3
63	Testing hypotheses about covariance matrices in general MANOVA designs. <i>Journal of Statistical Planning and Inference</i> , 2022, 219, 134-146.	0.6	3
64	Semi-parametric analysis of overdispersed count and metric data with varying follow-up times: Asymptotic theory and small sample approximations. <i>Biometrical Journal</i> , 2019, 61, 616-629.	1.0	2
65	Clinical outcome after decompression of intraneural peroneal ganglion cyst and its morphologic correlation to postoperative nerve ultrasound. <i>Journal of Neurosurgery</i> , 2020, 133, 233-239.	1.6	2
66	Contribution to the discussion of "When should meta-analysis avoid making hidden normality assumptions?". <i>Biometrical Journal</i> , 2018, 60, 1075-1076.	1.0	1
67	The Behrens-Fisher problem with covariates and baseline adjustments. <i>Metrika</i> , 2020, 83, 197-215.	0.8	1
68	Chances of Interpretable Transfer Learning for Human Activity Recognition in Warehousing. <i>Lecture Notes in Computer Science</i> , 2021, , 163-177.	1.3	1
69	The influence of sequential extremal processes on the partial sum process. <i>Extremes</i> , 2013, 16, 39-54.	1.0	0
70	Approximate tests for the equality of two cumulative incidence functions of a competing risk. <i>Statistics</i> , 2017, 51, 1238-1258.	0.6	0