Markus Pauly

List of Publications by Year
in descending order

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	CASANOVA: Permutation inference in factorial survival designs. Biometrics, 2023, 79, 203-215.	1.4	5
2	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
3	Is there a role for statistics in artificial intelligence?. Advances in Data Analysis and Classification, 2022, 16, 823-846.	1.4	27
4	Ranking procedures for repeated measures designs with missing data: Estimation, testing and asymptotic theory. Statistical Methods in Medical Research, 2022, 31, 105-118.	1.5	4
5	High-sensitivity cardiac troponin I after coronary artery bypass grafting for post-operative decision-making. European Heart Journal, 2022, 43, 2388-2403.	2.2	23
6	Testing hypotheses about covariance matrices in general MANOVA designs. Journal of Statistical Planning and Inference, 2022, 219, 134-146.	0.6	3
7	Which test for crossing survival curves? A user's guideline. BMC Medical Research Methodology, 2022, 22, 34.	3.1	23
8	On the Relation between Prediction and Imputation Accuracy under Missing Covariates. Entropy, 2022, 24, 386.	2.2	8
9	On the role of data, statistics and decisions in a pandemic. AStA Advances in Statistical Analysis, 2022, 106, 349-382.	0.9	14
10	Small sample sizes: A big data problem in high-dimensional data analysis. Statistical Methods in Medical Research, 2021, 30, 687-701.	1.5	25
11	Inferring median survival differences in general factorial designs via permutation tests. Statistical Methods in Medical Research, 2021, 30, 875-891.	1.5	8
12	Ranks and Pseudo‐ranks—Surprising Results of Certain Rank Tests in Unbalanced Designs. International Statistical Review, 2021, 89, 349-366.	1.9	10
13	Chances of Interpretable Transfer Learning for Human Activity Recognition in Warehousing. Lecture Notes in Computer Science, 2021, , 163-177.	1.3	1
14	QANOVA: quantile-based permutation methods for general factorial designs. Test, 2021, 30, 960-979.	1.1	4
15	Permutation tests are robust and powerful at 0.5% and 5% significance levels. Behavior Research Methods, 2021, 53, 2712-2724.	4.0	13
16	Asymptotic‐based bootstrap approach for matched pairs with missingness in a single arm. Biometrical Journal, 2021, 63, 1389-1405.	1.0	3
17	Imputing missings in official statistics for general tasks – our vote for distributional accuracy. Statistical Journal of the IAOS, 2021, , 1-12.	0.4	5
18	Nonparametric MANOVA in meaningful effects. Annals of the Institute of Statistical Mathematics, 2020, 72, 997-1022.	0.8	23

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19	Factorial analyses of treatment effects under independent right-censoring. Statistical Methods in Medical Research, 2020, 29, 325-343.	1.5	10
20	The Behrens–Fisher problem with covariates and baseline adjustments. Metrika, 2020, 83, 197-215.	0.8	1
21	A cautionary tale on using imputation methods for inference in matched-pairs design. Bioinformatics, 2020, 36, 3099-3106.	4.1	13
22	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
23	A simulation study to compare robust tests for linear mixed-effects meta-regression. Research Synthesis Methods, 2020, 11, 331-342.	8.7	7
24	Multivariate analysis of covariance with potentially singular covariance matrices and non-normal responses. Journal of Multivariate Analysis, 2020, 177, 104594.	1.0	3
25	Travel Time Prediction Using Tree-Based Ensembles. Lecture Notes in Computer Science, 2020, , 412-427.	1.3	14
26	Clinical outcome after decompression of intraneural peroneal ganglion cyst and its morphologic correlation to postoperative nerve ultrasound. Journal of Neurosurgery, 2020, 133, 233-239.	1.6	2
27	The wild bootstrap for multivariate Nelson–Aalen estimators. Lifetime Data Analysis, 2019, 25, 97-127.	0.9	12
28	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
29	Multiplication–combination tests for incomplete paired data. Statistics in Medicine, 2019, 38, 3243-3255.	1.6	8
30	Predicting missing values: a comparative study on non-parametric approaches for imputation. Computational Statistics, 2019, 34, 1741-1764.	1.5	22
31	Consistent estimation of residual variance with random forest Out-Of-Bag errors. Statistics and Probability Letters, 2019, 151, 49-57.	0.7	16
32	Confidence Bands for Multiplicative Hazards Models: Flexible Resampling Approaches. Biometrics, 2019, 75, 906-916.	1.4	5
33	Semi–parametric analysis of overdispersed count and metric data with varying follow–up times: Asymptotic theory and small sample approximations. Biometrical Journal, 2019, 61, 616-629.	1.0	2
34	Wild bootstrap logrank tests with broader power functions for testing superiority. Computational Statistics and Data Analysis, 2019, 136, 1-11.	1.2	7
35	Wild bootstrapping rank-based procedures: Multiple testing in nonparametric factorial repeated measures designs. Journal of Multivariate Analysis, 2019, 171, 176-192.	1.0	10
36	Resampling-Based Analysis of Multivariate Data and Repeated Measures Designs with the R Package MANOVA.RM. R Journal, 2019, 11, 380.	1.8	72

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37	A Wild Bootstrap Approach for the Aalenâ€"Johansen Estimator. Biometrics, 2018, 74, 977-985.	1.4	22
38	Intergenerational geneâ€Ã—â€environment interaction of FKBP5 and childhood maltreatment on hair steroids. Psychoneuroendocrinology, 2018, 92, 103-112.	2.7	26
39	Resampling-Based Inference Methods for Comparing Two Coefficients Alpha. Psychometrika, 2018, 83, 203-222.	2.1	3
40	MATS: Inference for potentially singular and heteroscedastic MANOVA. Journal of Multivariate Analysis, 2018, 165, 166-179.	1.0	45
41	Bootstrap- and permutation-based inference for the Mannâ€"Whitney effect for right-censored and tied data. Test, 2018, 27, 639-658.	1.1	21
42	Childhood maltreatment as risk factor for lifetime depression: The role of different types of experiences and sensitive periods. Mental Health and Prevention, 2018, 10, 56-65.	1.3	22
43	Testing Mean Differences among Groups: Multivariate and Repeated Measures Analysis with Minimal Assumptions. Multivariate Behavioral Research, 2018, 53, 348-359.	3.1	42
44	Contribution to the discussion of â€œWhen should metaâ€analysis avoid making hidden normality assumptions?â€ Biometrical Journal, 2018, 60, 1075-1076.	1.0	1
45	Inference for high-dimensional split-plot-designs: A unified approach for small to large numbers of factor levels. Electronic Journal of Statistics, 2018, 12, .	0.7	5
46	Permuting longitudinal data in spite of the dependencies. Journal of Multivariate Analysis, 2017, 153, 255-265.	1.0	47
47	Permuting incomplete paired data: a novel exact and asymptotic correct randomization test. Journal of Statistical Computation and Simulation, 2017, 87, 1148-1159.	1.2	16
48	Rankâ€based permutation approaches for nonâ€parametric factorial designs. British Journal of Mathematical and Statistical Psychology, 2017, 70, 368-390.	1.4	12
49	Rank-Based Procedures in Factorial Designs: Hypotheses About Non-Parametric Treatment Effects. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2017, 79, 1463-1485.	2.2	73
50	Approximate tests for the equality of two cumulative incidence functions of a competing risk. Statistics, 2017, 51, 1238-1258.	0.6	0
51	An evaluation of the influence of haptic feedback on gaze behavior during in-car interaction with touch screens. , 2017, , .		9
52	A wild bootstrap approach for nonparametric repeated measurements. Computational Statistics and Data Analysis, 2017, 113, 38-52.	1.2	23
53	GFD: An <i>R</i> Package for the Analysis of General Factorial Designs. Journal of Statistical Software, 2017, 79, .	3.7	29
54	Permutationâ€based inference for the AUC: A unified approach for continuous and discontinuous data. Biometrical Journal, 2016, 58, 1319-1337.	1.0	33

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55	Simultaneous Statistical Inference in Dynamic Factor Models. Contributions To Statistics, 2016, , 27-45.	0.2	3
56	Analysis of high-dimensional one group repeated measures designs. Statistics, 2015, 49, 1243-1261.	0.6	21
57	Testing equality of spectral densities using randomization techniques. Bernoulli, 2015, 21, .	1.3	23
58	Asymptotic Permutation Tests in General Factorial Designs. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2015, 77, 461-473.	2.2	87
59	M-functionals of multivariate scatter. Statistics Surveys, 2015, 9, .	11.3	15
60	Parametric and nonparametric bootstrap methods for general MANOVA. Journal of Multivariate Analysis, 2015, 140, 291-301.	1.0	81
61	Weighted Logrank Permutation Tests for Randomly Right Censored Life Science Data. Scandinavian Journal of Statistics, 2014, 41, 742-761.	1.4	22
62	Bootstrapping and permuting paired t-test type statistics. Statistics and Computing, 2014, 24, 283-296.	1.5	60
63	Bootstrapping Aalen-Johansen processes for competing risks: Handicaps, solutions, and limitations. Electronic Journal of Statistics, 2014, 8, .	0.7	14
64	Weak Convergence of the Wild Bootstrap for the Aalenâ€"Johansen Estimator of the Cumulative Incidence Function of a Competing Risk. Scandinavian Journal of Statistics, 2013, 40, 387-402.	1.4	32
65	The influence of sequential extremal processes on the partial sum process. Extremes, 2013, 16, 39-54.	1.0	0
66	A studentized permutation test for the nonparametric Behrens-Fisher problem in paired data. Electronic Journal of Statistics, 2012, 6, .	0.7	33
67	Consistency of the Subsample Bootstrap empirical process. Statistics, 2012, 46, 621-626.	0.6	12
68	A note on using periodogram-based distances for comparing spectral densities. Statistics and Probability Letters, 2012, 82, 158-164.	0.7	16
69	Weighted resampling of martingale difference arrays with applications. Electronic Journal of Statistics, 2011, 5, .	0.7	23
70	Discussion about the quality of F-ratio resampling tests for comparing variances. Test, 2011, 20, 163-179.	1.1	18