

# Thaddeus Tarpey

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

1,180  
citations

430874

18  
h-index

414414

32  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional additive models for optimizing individualized treatment rules. <i>Biometrics</i> , 2023, 79, 113-126.	1.4	2
2	Association of Convalescent Plasma Treatment With Clinical Status in Patients Hospitalized With COVID-19. <i>JAMA Network Open</i> , 2022, 5, e2147331.	5.9	38
3	Development and Validation of a Treatment Benefit Index to Identify Hospitalized Patients With COVID-19 Who May Benefit From Convalescent Plasma. <i>JAMA Network Open</i> , 2022, 5, e2147375.	5.9	30
4	High Level Mobility Training in Ambulatory Patients with Acquired Non-Progressive Central Neurological Injury: a Feasibility Study. <i>Brain Injury</i> , 2022, , 1-7.	1.2	0
5	Multiple Domain and Multiple Kernel Outcome-Weighted Learning for Estimating Individualized Treatment Regimes. <i>Journal of Computational and Graphical Statistics</i> , 2022, 31, 1375-1383.	1.7	1
6	A constrained single-index regression for estimating interactions between a treatment and covariates. <i>Biometrics</i> , 2021, 77, 506-518.	1.4	4
7	Extracting scalar measures from functional data with applications to placebo response. <i>Statistics and Its Interface</i> , 2021, 14, 255-265.	0.3	2
8	Prospective individual patient data meta-analysis: Evaluating convalescent plasma for COVID-19. <i>Statistics in Medicine</i> , 2021, 40, 5131-5151.	1.6	14
9	Optimal principal points estimators of multivariate distributions of location-scale and location-scale-rotation families. <i>Statistical Papers</i> , 2020, 61, 1629-1643.	1.2	3
10	A single-index model with multiple-links. <i>Journal of Statistical Planning and Inference</i> , 2020, 205, 115-128.	0.6	5
11	Adolescent-Specific Motivation Deficits in Autism Versus Typical Development. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 364-372.	2.7	6
12	A Bayesian approach to joint modeling of matrix-valued imaging data and treatment outcome with applications to depression studies. <i>Biometrics</i> , 2020, 76, 87-97.	1.4	6
13	Optimising treatment decision rules through generated effect modifiers: a precision medicine tutorial. <i>BJPsych Open</i> , 2020, 6, e2.	0.7	8
14	A sparse additive model for treatment effect-modifier selection. <i>Biostatistics</i> , 2020, , .	1.5	5
15	Optimal partitioning for the proportional hazards model. <i>Journal of Applied Statistics</i> , 2020, , 1-20.	1.3	1
16	EFFECTS OF EPINEPHRINE ON SIMULTANEOUS, REAL TIME END-TIDAL CARBON DIOXIDE TENSION AND CEREBRAL OXIMETRY MONITORING DURING RESUSCITATION OF IN HOSPITAL CARDIAC ARREST. <i>Chest</i> , 2019, 156, A1596-A1597.	0.8	0
17	Statistical Learning is Associated with Autism Symptoms and Verbal Abilities in Young Children with Autism. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 3551-3561.	2.7	12
18	Some remarks on the $R^2$ for clustering. <i>Statistical Analysis and Data Mining</i> , 2018, 11, 135-148.	2.8	4

#	ARTICLE	IF	CITATIONS
19	Constructing Treatment Decision Rules Based on Scalar and Functional Predictors when Moderators of Treatment Effect are Unknown. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2018, 67, 1331-1356.	1.0	10
20	Statistical analysis plan for stage 1 EMBARC (Establishing Moderators and Biosignatures of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 T 6, 22-30.	1.1	22
21	Generated effect modifiers (GEMâ€™s) in randomized clinical trials. <i>Biostatistics</i> , 2017, 18, 105-118.	1.5	13
22	Latent class modeling using matrix covariates with application to identifying early placebo responders based on EEG signals. <i>Annals of Applied Statistics</i> , 2017, 11, 1513-1536.	1.1	3
23	Flexible functional regression methods for estimating individualized treatment rules. <i>Stat</i> , 2016, 5, 185-199.	0.4	7
24	Statistical Modeling to Inform Optimal Game Strategy: Markov Plays H-O-R-S-E. <i>American Statistician</i> , 2016, 70, 181-186.	1.6	0
25	Stratified psychiatry via convexity-based clustering with applications towards moderator analysis. <i>Statistics and Its Interface</i> , 2016, 9, 255-266.	0.3	4
26	Treatment Decisions Based on Scalar and Functional Baseline Covariates. <i>Biometrics</i> , 2015, 71, 884-894.	1.4	17
27	Optimal estimators of principal points for minimizing expected mean squared distance. <i>Journal of Statistical Planning and Inference</i> , 2015, 167, 102-122.	0.6	8
28	Self-consistency and a generalized principal subspace theorem. <i>Journal of Multivariate Analysis</i> , 2015, 133, 27-37.	1.0	8
29	Massively Parallel Nonparametric Regression, With an Application to Developmental Brain Mapping. <i>Journal of Computational and Graphical Statistics</i> , 2014, 23, 232-248.	1.7	23
30	Oviposition Preferences of <i>Agrilus planipennis</i> (Coleoptera: Buprestidae) for Different Ash Species Support the Mother Knows Best Hypothesis. <i>Annals of the Entomological Society of America</i> , 2014, 107, 773-781.	2.5	21
31	A Paradoxical Result in Estimating Regression Coefficients. <i>American Statistician</i> , 2014, 68, 271-276.	1.6	13
32	Optimally weighted $L_2$ distance for functional data. <i>Biometrics</i> , 2014, 70, 516-525.	1.4	17
33	Interpreting metaâ€‘regression: application to recent controversies in antidepressantsâ€™ efficacy. <i>Statistics in Medicine</i> , 2013, 32, 2875-2892.	1.6	24
34	Principal point classification: Applications to differentiating drug and placebo responses in longitudinal studies. <i>Journal of Statistical Planning and Inference</i> , 2010, 140, 539-550.	0.6	14
35	Optimal Partitioning for Linear Mixed Effects Models: Applications to Identifying Placebo Responders. <i>Journal of the American Statistical Association</i> , 2010, 105, 968-977.	3.1	19
36	Latent regression analysis. <i>Statistical Modelling</i> , 2010, 10, 133-158.	1.1	15

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37	Modelling Placebo Response via Infinite Mixtures. JP Journal of Biostatistics, 2010, 4, 161-179.	0.0	2
38	Partitioning of functional data for understanding heterogeneity in psychiatric conditions. Statistics and Its Interface, 2009, 2, 413-424.	0.3	3
39	Model misspecification. Statistical Modelling, 2008, 8, 199-218.	1.1	15
40	Linear Transformations and the k-Means Clustering Algorithm. American Statistician, 2007, 61, 34-40.	1.6	58
41	A parametric k-means algorithm. Computational Statistics, 2007, 22, 71-89.	1.5	31
42	Allometric Extension for Multivariate Regression. Journal of Data Science, 2006, 4, 479-495.	0.9	7
43	Estimation in regression models with externally estimated parameters. Biostatistics, 2005, 7, 115-129.	1.5	56
44	Confirmatory factor analysis of the Neurological Evaluation Scale in unmedicated schizophrenia. Psychiatry Research, 2005, 133, 65-71.	3.3	41
45	The effects of antipsychotic medication on factor and cluster structure of neurologic examination abnormalities in schizophrenia. Schizophrenia Research, 2005, 75, 55-64.	2.0	12
46	Linear Conditional Expectation for Discretized Distributions. Journal of Applied Statistics, 2004, 31, 361-372.	1.3	4
47	Clustering Functional Data. Journal of Classification, 2003, 20, 93-114.	2.2	172
48	Profiling Placebo Responders by Self-Consistent Partitioning of Functional Data. Journal of the American Statistical Association, 2003, 98, 850-858.	3.1	33
49	Estimating the average slope. Journal of Applied Statistics, 2003, 30, 389-395.	1.3	2
50	Parallel Principal Axes. Journal of Multivariate Analysis, 2000, 75, 295-313.	1.0	3
51	Spline Bottles. American Statistician, 2000, 54, 129-135.	1.6	2
52	A Note on the Prediction Sum of Squares Statistic for Restricted Least Squares. American Statistician, 2000, 54, 116-118.	1.6	56
53	Self-Consistency and Principal Component Analysis. Journal of the American Statistical Association, 1999, 94, 456-467.	3.1	46
54	Self-Consistency Algorithms. Journal of Computational and Graphical Statistics, 1999, 8, 889.	1.7	5

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55	Self-Consistency and Principal Component Analysis. Journal of the American Statistical Association, 1999, 94, 456.	3.1	8
56	Self-Consistent Patterns for Symmetric Multivariate Distributions. Journal of Classification, 1998, 15, 57-79.	2.2	22
57	Estimating principal points of univariate distributions. Journal of Applied Statistics, 1997, 24, 499-512.	1.3	22
58	Self-consistency: a fundamental concept in statistics. Statistical Science, 1996, 11, 229.	2.8	89
59	Principal Points and Self-Consistent Points of Elliptical Distributions. Annals of Statistics, 1995, 23, 103.	2.6	58
60	Two principal points of symmetric, strongly unimodal distributions. Statistics and Probability Letters, 1994, 20, 253-257.	0.7	28
61	Representing a Large Collection of Curves: A Case for Principal Points. American Statistician, 1993, 47, 304.	1.6	10
62	Representing a Large Collection of Curves: A Case for Principal Points. American Statistician, 1993, 47, 304-306.	1.6	13
63	A Single-Index Model With a Surface-Link for Optimizing Individualized Dose Rules. Journal of Computational and Graphical Statistics, 0, , 1-10.	1.7	3