Thomas P A Debray

List of Publications by Year in Descending Order

186 papers	14,607 citations	54 h-index	119 g-index
205 ext. papers	19,805 ext. citations	5 avg, IF	6.94 L-index

#	Paper	IF	Citations
186	Guidelines and quality criteria for artificial intelligence-based prediction models in healthcare: a scoping review.. *Npj Digital Medicine*, **2022**, 5, 2	15.7	12
185	Predicting relapse or recurrence of depression: systematic review of prognostic models.. *British Journal of Psychiatry*, **2022**, 1-11	5.4	0
184	Development of a clinical prediction model for perinatal deaths in low resource settings.. *EClinicalMedicine*, **2022**, 44, 101288	11.3	0
183	Bayesian adjustment for preferential testing in estimating infection fatality rates, as motivated by the COVID-19 pandemic. *Annals of Applied Statistics*, **2022**, 16,	2.1	2
182	Recommendations for the use of propensity score methods in multiple sclerosis research.. *Multiple Sclerosis Journal*, **2022**, 13524585221085733	5	
181	Combining individual patient data from randomized and non-randomized studies to predict real-world effectiveness of interventions.. *Statistical Methods in Medical Research*, **2022**, 9622802221090759	2.3	
180	Systematic Reviews of Prediction Models **2022**, 347-376		
179	Systematic Reviews of Prognostic Factor Studies **2022**, 324-346		
178	Minimum sample size calculations for external validation of a clinical prediction model with a time-to-event outcome.. *Statistics in Medicine*, **2021**,	2.3	2
177	Risk of bias in studies on prediction models developed using supervised machine learning techniques: systematic review. *BMJ, The*, **2021**, 375, n2281	5.9	13
176	Current trends in the application of causal inference methods to pooled longitudinal non-randomised data: a protocol for a methodological systematic review. *BMJ Open*, **2021**, 11, e052969	3	0
175	GRADE concept paper 2: Concepts for Judging Certainty on the Calibration of Prognostic Models in a Body of Validation Studies. *Journal of Clinical Epidemiology*, **2021**,	5.7	4
174	Developing clinical prediction models when adhering to minimum sample size recommendations: The importance of quantifying bootstrap variability in tuning parameters and predictive performance. *Statistical Methods in Medical Research*, **2021**, 30, 2545-2561	2.3	0
173	Real-time imputation of missing predictor values in clinical practice. *European Heart Journal Digital Health*, **2021**, 2, 154-164	2.3	2
172	Flaws in the Development and Validation of a Coronavirus Disease 2019 Prediction Model. *Clinical Infectious Diseases*, **2021**, 73, 557-558	11.6	
171	Prognostic models for chronic kidney disease: a systematic review and external validation. *Nephrology Dialysis Transplantation*, **2021**, 36, 1837-1850	4.3	3
170	Individual participant data meta-analysis for external validation, recalibration, and updating of a flexible parametric prognostic model. *Statistics in Medicine*, **2021**, 40, 3066-3084	2.3	2

169	How well can we assess the validity of non-randomised studies of medications? A systematic review of assessment tools. *BMJ Open*, **2021**, 11, e043961	3	4
168	Clinical prediction models: diagnosis versus prognosis. *Journal of Clinical Epidemiology*, **2021**, 132, 142-145	5.7	7
167	Current trends in the application of causal inference methods to pooled longitudinal observational infectious disease studies-A protocol for a methodological systematic review. *PLoS ONE*, **2021**, 16, e0250778	3.7	1
166	Patient- and Tumour-related Prognostic Factors for Urinary Incontinence After Radical Prostatectomy for Nonmetastatic Prostate Cancer: A Systematic Review and Meta-analysis. *European Urology Focus*, **2021**,	5.1	6
165	Methodology over metrics: current scientific standards are a disservice to patients and society. *Journal of Clinical Epidemiology*, **2021**, 138, 219-226	5.7	16
164	Developing more generalizable prediction models from pooled studies and large clustered data sets. *Statistics in Medicine*, **2021**, 40, 3533-3559	2.3	3
163	Minimum sample size for external validation of a clinical prediction model with a binary outcome. *Statistics in Medicine*, **2021**, 40, 4230-4251	2.3	21
162	Prognostic models for predicting relapse or recurrence of major depressive disorder in adults. *The Cochrane Library*, **2021**, 5, CD013491	5.2	4
161	External validation of a model to predict women most at risk of postpartum venous thromboembolism: Maternity clot risk. *Thrombosis Research*, **2021**,	8.2	3
160	Research Note: Individual participant data (IPD) meta-analysis. *Journal of Physiotherapy*, **2021**, 67, 224-227	7.9	1
159	Real-time imputation of missing predictor values improved the application of prediction models in daily practice. *Journal of Clinical Epidemiology*, **2021**, 134, 22-34	5.7	5
158	External validation of clinical prediction models: simulation-based sample size calculations were more reliable than rules-of-thumb. *Journal of Clinical Epidemiology*, **2021**, 135, 79-89	5.7	11
157	Protocol for development of a reporting guideline (TRIPOD-AI) and risk of bias tool (PROBAST-AI) for diagnostic and prognostic prediction model studies based on artificial intelligence. *BMJ Open*, **2021**, 11, e048008	3	44
156	The development and validation of a prognostic model to PREDICT Relapse of depression in adult patients in primary care: protocol for the PREDICTR study. *Diagnostic and Prognostic Research*, **2021**, 5, 12	5.5	1
155	Doug Altman: Driving critical appraisal and improvements in the quality of methodological and medical research. *Biometrical Journal*, **2021**, 63, 226-246	1.5	2
154	Minimum sample size for external validation of a clinical prediction model with a continuous outcome. *Statistics in Medicine*, **2021**, 40, 133-146	2.3	15
153	Penalization and shrinkage methods produced unreliable clinical prediction models especially when sample size was small. *Journal of Clinical Epidemiology*, **2021**, 132, 88-96	5.7	22
152	Clinical prediction models to predict the risk of multiple binary outcomes: a comparison of approaches. *Statistics in Medicine*, **2021**, 40, 498-517	2.3	5

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151	Continual updating and monitoring of clinical prediction models: time for dynamic prediction systems?. *Diagnostic and Prognostic Research*, **2021**, 5, 1	5.5	10
150	Association between antihypertensive treatment and adverse events: systematic review and meta-analysis. *BMJ, The*, **2021**, 372, n189	5.9	7
149	Improving prediction model systematic review methodology: Letter to the Editor. *Translational Sports Medicine*, **2021**, 4, 545	1.3	0
148	A tutorial on individualized treatment effect prediction from randomized trials with a binary endpoint. *Statistics in Medicine*, **2021**, 40, 5961-5981	2.3	3
147	PRIME-IPD SERIES Part 2. Retrieving, checking, and harmonizing data are underappreciated challenges in individual participant data meta-analyses. *Journal of Clinical Epidemiology*, **2021**, 136, 221-223	5.7	0
146	Measurement error in meta-analysis (MEMA)-A Bayesian framework for continuous outcome data subject to non-differential measurement error. *Research Synthesis Methods*, **2021**, 12, 796-815	7.2	1
145	Internal-external cross-validation helped to evaluate the generalizability of prediction models in large clustered datasets. *Journal of Clinical Epidemiology*, **2021**, 137, 83-91	5.7	3
144	A prognostic model, including quantitative fetal fibronectin, to predict preterm labour: the QUIDS meta-analysis and prospective cohort study. *Health Technology Assessment*, **2021**, 25, 1-168	4.4	0
143	Reporting of prognostic clinical prediction models based on machine learning methods in oncology needs to be improved. *Journal of Clinical Epidemiology*, **2021**, 138, 60-72	5.7	11
142	A few things to consider when deciding whether or not to conduct underpowered research. *Journal of Clinical Epidemiology*, **2021**,	5.7	0
141	Lessons learnt when accounting for competing events in the external validation of time-to-event prognostic models.. *International Journal of Epidemiology*, **2021**,	7.8	1
140	Framework for the synthesis of non-randomised studies and randomised controlled trials: a guidance on conducting a systematic review and meta-analysis for healthcare decision making. *BMJ Evidence-Based Medicine*, **2020**,	2.7	7
139	External validation of prognostic models predicting pre-eclampsia: individual participant data meta-analysis. *BMC Medicine*, **2020**, 18, 302	11.4	4
138	One-stage individual participant data meta-analysis models for continuous and binary outcomes: Comparison of treatment coding options and estimation methods. *Statistics in Medicine*, **2020**, 39, 2536-2555	2.3	4
137	Can personalized treatment prediction improve the outcomes, compared with the group average approach, in a randomized trial? Developing and validating a multivariable prediction model in a pragmatic megatrial of acute treatment for major depression. *Journal of Affective Disorders*, **2020**, 274, 690-697	6.6	3
136	Calculating the sample size required for developing a clinical prediction model. *BMJ, The*, **2020**, 368, m441	5.9	244
135	Meta-analysis of continuous outcomes: Using pseudo IPD created from aggregate data to adjust for baseline imbalance and assess treatment-by-baseline modification. *Research Synthesis Methods*, **2020**, 11, 780-794	7.2	5
134	On the aggregation of published prognostic scores for causal inference in observational studies. *Statistics in Medicine*, **2020**, 39, 1440-1457	2.3	2

#	Reference	IF	Citations
133	Individual participant data meta-analysis to examine interactions between treatment effect and participant-level covariates: Statistical recommendations for conduct and planning. *Statistics in Medicine*, **2020**, 39, 2115-2137	2.3	26
132	Temporal recalibration for improving prognostic model development and risk predictions in settings where survival is improving over time. *International Journal of Epidemiology*, **2020**, 49, 1316-1325	7.8	8
131	Prediction models for diagnosis and prognosis of covid-19: systematic review and critical appraisal. *BMJ, The*, **2020**, 369, m1328	5.9	1283
130	Individual participant data validation of the PICNICC prediction model for febrile neutropenia. *Archives of Disease in Childhood*, **2020**, 105, 439-445	2.2	5
129	Systematic review and network meta-analysis with individual participant data on cord management at preterm birth (iCOMP): study protocol. *BMJ Open*, **2020**, 10, e034595	3	5
128	Validation and development of models using clinical, biochemical and ultrasound markers for predicting pre-eclampsia: an individual participant data meta-analysis. *Health Technology Assessment*, **2020**, 24, 1-252	4.4	6
127	Predicting disability progression in multiple sclerosis: Insights from advanced statistical modeling. *Multiple Sclerosis Journal*, **2020**, 26, 1828-1836	5	4
126	Individual participant data meta-analysis of intervention studies with time-to-event outcomes: A review of the methodology and an applied example. *Research Synthesis Methods*, **2020**, 11, 148-168	7.2	21
125	Strategies to reduce antibiotic use in women with uncomplicated urinary tract infection in primary care: protocol of a systematic review and meta-analysis including individual patient data. *BMJ Open*, **2020**, 10, e035883	3	2
124	Handling missing predictor values when validating and applying a prediction model to new patients. *Statistics in Medicine*, **2020**, 39, 3591-3607	2.3	10
123	COVID-19 prediction models should adhere to methodological and reporting standards. *European Respiratory Journal*, **2020**, 56,	13.6	10
122	UMBRELLA protocol: systematic reviews of multivariable biomarker prognostic models developed to predict clinical outcomes in patients with heart failure. *Diagnostic and Prognostic Research*, **2020**, 4, 13	5.5	2
121	Statistical approaches to identify subgroups in meta-analysis of individual participant data: a simulation study. *BMC Medical Research Methodology*, **2019**, 19, 183	4.7	17
120	A guide to systematic review and meta-analysis of prognostic factor studies. *BMJ, The*, **2019**, 364, k4597	5.9	176
119	The use of prognostic scores for causal inference with general treatment regimes. *Statistics in Medicine*, **2019**, 38, 2013-2029	2.3	4
118	Understanding the relation between Zika virus infection during pregnancy and adverse fetal, infant and child outcomes: a protocol for a systematic review and individual participant data meta-analysis of longitudinal studies of pregnant women and their infants and children. *BMJ Open*, **2019**, 9, e026092	3	24
117	Performance of the Framingham risk models and pooled cohort equations for predicting 10-year risk of cardiovascular disease: a systematic review and meta-analysis. *BMC Medicine*, **2019**, 17, 109	11.4	49
116	Guide to presenting clinical prediction models for use in clinical settings. *BMJ, The*, **2019**, 365, l737	5.9	40

115	A framework for meta-analysis of prediction model studies with binary and time-to-event outcomes. *Statistical Methods in Medical Research*, **2019**, 28, 2768-2786	2.3	40
114	Assessment of heterogeneity in an individual participant data meta-analysis of prediction models: An overview and illustration. *Statistics in Medicine*, **2019**, 38, 4290-4309	2.3	23
113	Evidence synthesis in prognosis research. *Diagnostic and Prognostic Research*, **2019**, 3, 13	5.5	9
112	Development and validation of a novel prediction model to identify patients in need of specialized trauma care during field triage: design and rationale of the GOAT study. *Diagnostic and Prognostic Research*, **2019**, 3, 12	5.5	9
111	Empirical evidence of the impact of study characteristics on the performance of prediction models: a meta-epidemiological study. *BMJ Open*, **2019**, 9, e026160	3	8
110	Prognostic models for predicting relapse or recurrence of depression. *The Cochrane Library*, **2019**,	5.2	78
109	Guidance from key organisations on exploring, confirming and interpreting subgroup effects of medical treatments: a scoping review. *BMJ Open*, **2019**, 9, e028751	3	3
108	PROBAST: A Tool to Assess the Risk of Bias and Applicability of Prediction Model Studies. *Annals of Internal Medicine*, **2019**, 170, 51-58	8	453
107	PROBAST: A Tool to Assess Risk of Bias and Applicability of Prediction Model Studies: Explanation and Elaboration. *Annals of Internal Medicine*, **2019**, 170, W1-W33	8	285
106	Cardiovascular risk prediction models for women in the general population: A systematic review. *PLoS ONE*, **2019**, 14, e0210329	3.7	14
105	Development and validation of prediction models to estimate risk of primary total hip and knee replacements using data from the UK: two prospective open cohorts using the UK Clinical Practice Research Datalink. *Annals of the Rheumatic Diseases*, **2019**, 78, 91-99	2.4	19
104	Minimum sample size for developing a multivariable prediction model: Part I Continuous outcomes. *Statistics in Medicine*, **2019**, 38, 1262-1275	2.3	59
103	Minimum sample size for developing a multivariable prediction model: PART II - binary and time-to-event outcomes. *Statistics in Medicine*, **2019**, 38, 1276-1296	2.3	222
102	Prediction models for delayed graft function: external validation on The Dutch Prospective Renal Transplantation Registry. *Nephrology Dialysis Transplantation*, **2018**, 33, 1259-1268	4.3	11
101	Quantitative fibronectin to help decision-making in women with symptoms of preterm labour (QUIDS) part 1: Individual participant data meta-analysis and health economic analysis. *BMJ Open*, **2018**, 8, e020796	3	4
100	Validation of an imaging based cardiovascular risk score in a Scottish population. *European Journal of Radiology*, **2018**, 98, 143-149	4.7	2
99	Multiple Imputation for Multilevel Data with Continuous and Binary Variables. *Statistical Science*, **2018**, 33,	2.4	47
98	Exacerbations in Adults with Asthma: A Systematic Review and External Validation of Prediction Models. *Journal of Allergy and Clinical Immunology: in Practice*, **2018**, 6, 1942-1952.e15	5.4	26

97	Prognosis for patients with amyotrophic lateral sclerosis: development and validation of a personalised prediction model. *Lancet Neurology, The*, **2018**, 17, 423-433	24.1	189
96	Bayesian bivariate meta-analysis of correlated effects: Impact of the prior distributions on the between-study correlation, borrowing of strength, and joint inferences. *Statistical Methods in Medical Research*, **2018**, 27, 428-450	2.3	10
95	An overview of methods for network meta-analysis using individual participant data: when do benefits arise?. *Statistical Methods in Medical Research*, **2018**, 27, 1351-1364	2.3	46
94	Meta-analysis of prediction model performance across multiple studies: Which scale helps ensure between-study normality for the C-statistic and calibration measures?. *Statistical Methods in Medical Research*, **2018**, 27, 3505-3522	2.3	35
93	Deriving percentage study weights in multi-parameter meta-analysis models: with application to meta-regression, network meta-analysis and one-stage individual participant data models. *Statistical Methods in Medical Research*, **2018**, 27, 2885-2905	2.3	9
92	Detecting small-study effects and funnel plot asymmetry in meta-analysis of survival data: A comparison of new and existing tests. *Research Synthesis Methods*, **2018**, 9, 41-50	7.2	83
91	The life expectancy of Stephen Hawking, according to the ENCALS model. *Lancet Neurology, The*, **2018**, 17, 662-663	24.1	6
90	Individual participant data meta-analysis of continuous outcomes: A comparison of approaches for specifying and estimating one-stage models. *Statistics in Medicine*, **2018**, 37, 4404-4420	2.3	16
89	Simulation-based power calculations for planning a two-stage individual participant data meta-analysis. *BMC Medical Research Methodology*, **2018**, 18, 41	4.7	8
88	Guidance for deriving and presenting percentage study weights in meta-analysis of test accuracy studies. *Research Synthesis Methods*, **2018**, 9, 163-178	7.2	4
87	SP312QUALITY OF STUDIES DEVELOPING PROGNOSTIC BIOMARKERS AND MODELS FOR END-STAGE RENAL DISEASE IN CHRONIC KIDNEY DISEASE - A SYSTEMATIC REVIEW. *Nephrology Dialysis Transplantation*, **2018**, 33, i449-i449	4.3	
86	Protease activity as a prognostic factor for wound healing in venous leg ulcers. *The Cochrane Library*, **2018**, 9, CD012841	5.2	18
85	Prognostic models for predicting the severity and mortality in people with acute pancreatitis. *The Cochrane Library*, **2018**,	5.2	4
84	Measurement error and timing of predictor values for multivariable risk prediction models are poorly reported. *Journal of Clinical Epidemiology*, **2018**, 102, 38-49	5.7	12
83	One-stage individual participant data meta-analysis models: estimation of treatment-covariate interactions must avoid ecological bias by separating out within-trial and across-trial information. *Statistics in Medicine*, **2017**, 36, 772-789	2.3	45
82	Combining randomized and non-randomized evidence in network meta-analysis. *Statistics in Medicine*, **2017**, 36, 1210-1226	2.3	70
81	Reporting of Bayesian analysis in epidemiologic research should become more transparent. *Journal of Clinical Epidemiology*, **2017**, 86, 51-58.e2	5.7	10
80	A closed testing procedure to select an appropriate method for updating prediction models. *Statistics in Medicine*, **2017**, 36, 4529-4539	2.3	56

79	Measuring the statistical validity of summary meta-analysis and meta-regression results for use in clinical practice. *Statistics in Medicine*, **2017**, 36, 3283-3301	2.3	33
78	Predictive performance of the CHA2DS2-VASc rule in atrial fibrillation: a systematic review and meta-analysis. *Journal of Thrombosis and Haemostasis*, **2017**, 15, 1065-1077	15.4	19
77	The development of CHAMP: a checklist for the appraisal of moderators and predictors. *BMC Medical Research Methodology*, **2017**, 17, 173	4.7	13
76	External validation, update and development of prediction models for pre-eclampsia using an Individual Participant Data (IPD) meta-analysis: the International Prediction of Pregnancy Complication Network (IPPIC pre-eclampsia) protocol. *Diagnostic and Prognostic Research*, **2017**, 1, 16	5.5	7
75	Practical implications of using real-world evidence (RWE) in comparative effectiveness research: learnings from IMI-GetReal. *Journal of Comparative Effectiveness Research*, **2017**, 6, 485-490	2.1	10
74	Prediction of complications in early-onset pre-eclampsia (PREP): development and external multinational validation of prognostic models. *BMC Medicine*, **2017**, 15, 68	11.4	27
73	Prognosis research ideally should measure time-varying predictors at their intended moment of use. *Diagnostic and Prognostic Research*, **2017**, 1, 1	5.5	12
72	Meta-analysis using individual participant data: one-stage and two-stage approaches, and why they may differ. *Statistics in Medicine*, **2017**, 36, 855-875	2.3	227
71	Early Clinical Features in Systemic Lupus Erythematosus: Can They Be Used to Achieve Earlier Diagnosis? A Risk Prediction Model. *Arthritis Care and Research*, **2017**, 69, 833-841	4.7	26
70	Random effects meta-analysis: Coverage performance of 95% confidence and prediction intervals following REML estimation. *Statistics in Medicine*, **2017**, 36, 301-317	2.3	78
69	Subgrouping and TargetEd Exercise pRogrammes for knee and hip OsteoArthritis (STEER OA): a systematic review update and individual participant data meta-analysis protocol. *BMJ Open*, **2017**, 7, e018971	3	13
68	A guide to systematic review and meta-analysis of prediction model performance. *BMJ, The*, **2017**, 356, i6460	5.9	170
67	Multivariate and network meta-analysis of multiple outcomes and multiple treatments: rationale, concepts, and examples. *BMJ, The*, **2017**, 358, j3932	5.9	102
66	Effects of antenatal diet and physical activity on maternal and fetal outcomes: individual patient data meta-analysis and health economic evaluation. *Health Technology Assessment*, **2017**, 21, 1-158	4.4	136
65	GetReal in mathematical modelling: a review of studies predicting drug effectiveness in the real world. *Research Synthesis Methods*, **2016**, 7, 264-77	7.2	18
64	Prediction models for cardiovascular disease risk in the general population: systematic review. *BMJ, The*, **2016**, 353, i2416	5.9	326
63	External validation of clinical prediction models using big datasets from e-health records or IPD meta-analysis: opportunities and challenges. *BMJ, The*, **2016**, 353, i3140	5.9	206
62	Multivariate meta-analysis of individual participant data helped externally validate the performance and implementation of a prediction model. *Journal of Clinical Epidemiology*, **2016**, 69, 40-50	5.7	45

61	Predicting microbiologically defined infection in febrile neutropenic episodes in children: global individual participant data multivariable meta-analysis. *British Journal of Cancer*, **2016**, 114, 623-30	8.7	30
60	Prediction of risk of recurrence of venous thromboembolism following treatment for a first unprovoked venous thromboembolism: systematic review, prognostic model and clinical decision rule, and economic evaluation. *Health Technology Assessment*, **2016**, 20, i-xxxiii, 1-190	4.4	19
59	Self-management of health care behaviors for COPD: a systematic review and meta-analysis. *International Journal of COPD*, **2016**, 11, 305-26	3	40
58	GetReal in network meta-analysis: a review of the methodology. *Research Synthesis Methods*, **2016**, 7, 236-63	7.2	142
57	Systematic review of prognostic models for recurrent venous thromboembolism (VTE) post-treatment of first unprovoked VTE. *BMJ Open*, **2016**, 6, e011190	3	52
56	Explicit inclusion of treatment in prognostic modeling was recommended in observational and randomized settings. *Journal of Clinical Epidemiology*, **2016**, 78, 90-100	5.7	35
55	Qualitative elastography can replace thyroid nodule fine-needle aspiration in patients with soft thyroid nodules. A systematic review and meta-analysis. *European Journal of Radiology*, **2015**, 84, 652-61	4.7	40
54	A new framework to enhance the interpretation of external validation studies of clinical prediction models. *Journal of Clinical Epidemiology*, **2015**, 68, 279-89	5.7	253
53	Preferred Reporting Items for Systematic Review and Meta-Analyses of individual participant data: the PRISMA-IPD Statement. *JAMA - Journal of the American Medical Association*, **2015**, 313, 1657-65	27.4	939
52	Joint synthesis of multiple correlated outcomes in networks of interventions. *Biostatistics*, **2015**, 16, 84-97	3.7	27
51	Multivariate meta-analysis of prognostic factor studies with multiple cut-points and/or methods of measurement. *Statistics in Medicine*, **2015**, 34, 2481-96	2.3	32
50	Get real in individual participant data (IPD) meta-analysis: a review of the methodology. *Research Synthesis Methods*, **2015**, 6, 293-309	7.2	170
49	Imputation of systematically missing predictors in an individual participant data meta-analysis: a generalized approach using MICE. *Statistics in Medicine*, **2015**, 34, 1841-63	2.3	91
48	Supported self-management for patients with COPD who have recently been discharged from hospital: a systematic review and meta-analysis. *International Journal of COPD*, **2015**, 10, 853-67	3	24
47	Summarising and validating test accuracy results across multiple studies for use in clinical practice. *Statistics in Medicine*, **2015**, 34, 2081-103	2.3	31
46	Individual participant data (IPD) meta-analyses of diagnostic and prognostic modeling studies: guidance on their use. *PLoS Medicine*, **2015**, 12, e1001886	11.6	69
45	Isoniazid Prophylactic Therapy for the Prevention of Tuberculosis in HIV Infected Adults: A Systematic Review and Meta-Analysis of Randomized Trials. *PLoS ONE*, **2015**, 10, e0142290	3.7	57
44	The prognostic utility of tests of platelet function for the detection of 'aspirin resistance' in patients with established cardiovascular or cerebrovascular disease: a systematic review and economic evaluation. *Health Technology Assessment*, **2015**, 19, 1-366	4.4	13

43	Improving the transparency of prognosis research: the role of reporting, data sharing, registration, and protocols. *PLoS Medicine*, **2014**, 11, e1001671	11.6	81
42	Stratified medicine in European Medicines Agency licensing: a systematic review of predictive biomarkers. *BMJ Open*, **2014**, 4, e004188	3	12
41	Multilevel mixed effects parametric survival models using adaptive Gauss-Hermite quadrature with application to recurrent events and individual participant data meta-analysis. *Statistics in Medicine*, **2014**, 33, 3844-58	2.3	47
40	Meta-analysis and aggregation of multiple published prediction models. *Statistics in Medicine*, **2014**, 33, 2341-62	2.3	44
39	Study protocol: differential effects of diet and physical activity based interventions in pregnancy on maternal and fetal outcomes--individual patient data (IPD) meta-analysis and health economic evaluation. *Systematic Reviews*, **2014**, 3, 131	3	21
38	Meta-analysis of randomized phase II trials to inform subsequent phase III decisions. *Trials*, **2014**, 15, 346	2.8	8
37	Developing and validating risk prediction models in an individual participant data meta-analysis. *BMC Medical Research Methodology*, **2014**, 14, 3	4.7	49
36	Individual participant data meta-analyses should not ignore clustering. *Journal of Clinical Epidemiology*, **2013**, 66, 865-873.e4	5.7	60
35	Clinical prediction models for bronchopulmonary dysplasia: a systematic review and external validation study. *BMC Pediatrics*, **2013**, 13, 207	2.6	56
34	Prognosis research strategy (PROGRESS) 4: stratified medicine research. *BMJ, The*, **2013**, 346, e5793	5.9	251
33	Prognosis Research Strategy (PROGRESS) 3: prognostic model research. *PLoS Medicine*, **2013**, 10, e1001381	11.6	677
32	Prognosis Research Strategy (PROGRESS) 2: prognostic factor research. *PLoS Medicine*, **2013**, 10, e1001380	11.6	382
31	A framework for developing, implementing, and evaluating clinical prediction models in an individual participant data meta-analysis. *Statistics in Medicine*, **2013**, 32, 3158-80	2.3	110
30	Meta-analysis of randomised trials with a continuous outcome according to baseline imbalance and availability of individual participant data. *Statistics in Medicine*, **2013**, 32, 2747-66	2.3	65
29	Prognosis research strategy (PROGRESS) 1: a framework for researching clinical outcomes. *BMJ, The*, **2013**, 346, e5595	5.9	310
28	Individual participant data meta-analysis for a binary outcome: one-stage or two-stage?. *PLoS ONE*, **2013**, 8, e60650	3.7	120
27	Predicting infectious complications in neutropenic children and young people with cancer (IPD protocol). *Systematic Reviews*, **2012**, 1, 8	3	20
26	Development and validation of clinical prediction models: marginal differences between logistic regression, penalized maximum likelihood estimation, and genetic programming. *Journal of Clinical Epidemiology*, **2012**, 65, 404-12	5.7	8

25	Incorporating published univariable associations in diagnostic and prognostic modeling. *BMC Medical Research Methodology*, **2012**, 12, 121	4.7	12
24	Individual participant data meta-analysis of prognostic factor studies: state of the art?. *BMC Medical Research Methodology*, **2012**, 12, 56	4.7	58
23	Individual patient data meta-analysis of survival data using Poisson regression models. *BMC Medical Research Methodology*, **2012**, 12, 34	4.7	46
22	A multivariate meta-analysis approach for reducing the impact of outcome reporting bias in systematic reviews. *Statistics in Medicine*, **2012**, 31, 2179-95	2.3	63
21	Aggregating published prediction models with individual participant data: a comparison of different approaches. *Statistics in Medicine*, **2012**, 31, 2697-712	2.3	40
20	Quantifying the impact of between-study heterogeneity in multivariate meta-analyses. *Statistics in Medicine*, **2012**, 31, 3805-20	2.3	388
19	A systematic review of breast cancer incidence risk prediction models with meta-analysis of their performance. *Breast Cancer Research and Treatment*, **2012**, 132, 365-77	4.4	113
18	Assessment of publication bias, selection bias, and unavailable data in meta-analyses using individual participant data: a database survey. *BMJ, The*, **2012**, 344, d7762	5.9	231
17	Rejoinder to commentaries on Multivariate meta-analysis: Potential and promise *Statistics in Medicine*, **2011**, 30, 2509-2510	2.3	154
16	Interpretation of random effects meta-analyses. *BMJ, The*, **2011**, 342, d549	5.9	1353
15	Meta-analysis of individual participant data: rationale, conduct, and reporting. *BMJ, The*, **2010**, 340, c221	5.9	925
14	Meta-analysis of a binary outcome using individual participant data and aggregate data. *Research Synthesis Methods*, **2010**, 1, 2-19	7.2	69
13	Ten steps towards improving prognosis research. *BMJ, The*, **2009**, 339, b4184	5.9	96
12	Meta-analysis of individual patient data versus aggregate data from longitudinal clinical trials. *Clinical Trials*, **2009**, 6, 16-27	2.2	108
11	Multivariate meta-analysis: the effect of ignoring within-study correlation. *Journal of the Royal Statistical Society Series A: Statistics in Society*, **2009**, 172, 789-811	2.1	112
10	An alternative model for bivariate random-effects meta-analysis when the within-study correlations are unknown. *Biostatistics*, **2008**, 9, 172-86	3.7	114
9	Meta-analysis of continuous outcomes combining individual patient data and aggregate data. *Statistics in Medicine*, **2008**, 27, 1870-93	2.3	185
8	Meta-analysis of diagnostic test studies using individual patient data and aggregate data. *Statistics in Medicine*, **2008**, 27, 6111-36	2.3	63

| 7 | Bivariate random-effects meta-analysis and the estimation of between-study correlation. *BMC Medical Research Methodology*, **2007**, 7, 3 | 4.7 | 154 |

| 6 | Where Next for Evidence Synthesis of Prognostic Marker Studies? Improving the Quality and Reporting of Primary Studies to Facilitate Clinically Relevant Evidence-Based Results **2007**, 39-58 | | 4 |

| 5 | Evidence synthesis combining individual patient data and aggregate data: a systematic review identified current practice and possible methods. *Journal of Clinical Epidemiology*, **2007**, 60, 431-9 | 5.7 | 123 |

| 4 | Prognosis research: toward evidence-based results and a Cochrane methods group. *Journal of Clinical Epidemiology*, **2007**, 60, 863-5; author reply 865-6 | 5.7 | 37 |

| 3 | Evidence-Based Assessment and Application of Prognostic Markers: The Long Way from Single Studies to Meta-Analysis. *Communications in Statistics - Theory and Methods*, **2006**, 35, 1333-1342 | 0.5 | 22 |

| 2 | Primer: an evidence-based approach to prognostic markers. *Nature Clinical Practice Oncology*, **2005**, 2, 466-72 | | 51 |

| 1 | Systematic review and critical appraisal of prediction models for diagnosis and prognosis of COVID-19 infection | | 84 |