

Richard D. Riley

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

241
papers

17,133
citations

60
h-index

128
g-index

280
ext. papers

22,527
ext. citations

4.9
avg, IF

7.07
L-index

#	Paper	IF	Citations
241	Interpretation of random effects meta-analyses. <i>BMJ, The</i> , 2011 , 342, d549	5.9	1353
240	Prediction models for diagnosis and prognosis of covid-19: systematic review and critical appraisal. <i>BMJ, The</i> , 2020 , 369, m1328	5.9	1283
239	Preferred Reporting Items for Systematic Review and Meta-Analyses of individual participant data: the PRISMA-IPD Statement. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 1657-65	27.4	939
238	Meta-analysis of individual participant data: rationale, conduct, and reporting. <i>BMJ, The</i> , 2010 , 340, c2215.9	5.9	925
237	Conducting a critical interpretive synthesis of the literature on access to healthcare by vulnerable groups. <i>BMC Medical Research Methodology</i> , 2006 , 6, 35	4.7	895
236	Prognosis Research Strategy (PROGRESS) 3: prognostic model research. <i>PLoS Medicine</i> , 2013 , 10, e10013816	3.8	677
235	PROBAST: A Tool to Assess the Risk of Bias and Applicability of Prediction Model Studies. <i>Annals of Internal Medicine</i> , 2019 , 170, 51-58	8	453
234	Quantifying the impact of between-study heterogeneity in multivariate meta-analyses. <i>Statistics in Medicine</i> , 2012 , 31, 3805-20	2.3	388
233	Prognosis Research Strategy (PROGRESS) 2: prognostic factor research. <i>PLoS Medicine</i> , 2013 , 10, e10013806	3.8	382
232	Prognosis research strategy (PROGRESS) 1: a framework for researching clinical outcomes. <i>BMJ, The</i> , 2013 , 346, e5595	5.9	310
231	PROBAST: A Tool to Assess Risk of Bias and Applicability of Prediction Model Studies: Explanation and Elaboration. <i>Annals of Internal Medicine</i> , 2019 , 170, W1-W33	8	285
230	Multivariate meta-analysis: potential and promise. <i>Statistics in Medicine</i> , 2011 , 30, 2481-98	2.3	266
229	Prognosis research strategy (PROGRESS) 4: stratified medicine research. <i>BMJ, The</i> , 2013 , 346, e5793	5.9	251
228	Calculating the sample size required for developing a clinical prediction model. <i>BMJ, The</i> , 2020 , 368, m441	5.9	244
227	Assessment of publication bias, selection bias, and unavailable data in meta-analyses using individual participant data: a database survey. <i>BMJ, The</i> , 2012 , 344, d7762	5.9	231
226	Meta-analysis using individual participant data: one-stage and two-stage approaches, and why they may differ. <i>Statistics in Medicine</i> , 2017 , 36, 855-875	2.3	227
225	Minimum sample size for developing a multivariable prediction model: PART II - binary and time-to-event outcomes. <i>Statistics in Medicine</i> , 2019 , 38, 1276-1296	2.3	222

224	External validation of clinical prediction models using big datasets from e-health records or IPD meta-analysis: opportunities and challenges. <i>BMJ, The</i> , 2016 , 353, i3140	5.9	206
223	Risk of Late Relapse or Reinfection With Hepatitis C Virus After Achieving a Sustained Virological Response: A Systematic Review and Meta-analysis. <i>Clinical Infectious Diseases</i> , 2016 , 62, 683-694	11.6	198
222	Meta-analysis of continuous outcomes combining individual patient data and aggregate data. <i>Statistics in Medicine</i> , 2008 , 27, 1870-93	2.3	185
221	A guide to systematic review and meta-analysis of prognostic factor studies. <i>BMJ, The</i> , 2019 , 364, k4597	5.9	176
220	A guide to systematic review and meta-analysis of prediction model performance. <i>BMJ, The</i> , 2017 , 356, i6460	5.9	170
219	Rejoinder to commentaries on Multivariate meta-analysis: Potential and promise <i>Statistics in Medicine</i> , 2011 , 30, 2509-2510	2.3	154
218	Bivariate random-effects meta-analysis and the estimation of between-study correlation. <i>BMC Medical Research Methodology</i> , 2007 , 7, 3	4.7	154
217	Individual Participant Data (IPD) Meta-analyses of Randomised Controlled Trials: Guidance on Their Use. <i>PLoS Medicine</i> , 2015 , 12, e1001855	11.6	154
216	A systematic review of molecular and biological tumor markers in neuroblastoma. <i>Clinical Cancer Research</i> , 2004 , 10, 4-12	12.9	148
215	Effects of antenatal diet and physical activity on maternal and fetal outcomes: individual patient data meta-analysis and health economic evaluation. <i>Health Technology Assessment</i> , 2017 , 21, 1-158	4.4	136
214	An evaluation of bivariate random-effects meta-analysis for the joint synthesis of two correlated outcomes. <i>Statistics in Medicine</i> , 2007 , 26, 78-97	2.3	135
213	Reporting of prognostic markers: current problems and development of guidelines for evidence-based practice in the future. <i>British Journal of Cancer</i> , 2003 , 88, 1191-8	8.7	126
212	Performance of methods for meta-analysis of diagnostic test accuracy with few studies or sparse data. <i>Statistical Methods in Medical Research</i> , 2017 , 26, 1896-1911	2.3	123
211	Evidence synthesis combining individual patient data and aggregate data: a systematic review identified current practice and possible methods. <i>Journal of Clinical Epidemiology</i> , 2007 , 60, 431-9	5.7	123
210	Individual participant data meta-analysis for a binary outcome: one-stage or two-stage?. <i>PLoS ONE</i> , 2013 , 8, e60650	3.7	120
209	An alternative model for bivariate random-effects meta-analysis when the within-study correlations are unknown. <i>Biostatistics</i> , 2008 , 9, 172-86	3.7	114
208	The science of clinical practice: disease diagnosis or patient prognosis? Evidence about "what is likely to happen" should shape clinical practice. <i>BMC Medicine</i> , 2015 , 13, 20	11.4	113
207	A systematic review of breast cancer incidence risk prediction models with meta-analysis of their performance. <i>Breast Cancer Research and Treatment</i> , 2012 , 132, 365-77	4.4	113

206	Multivariate meta-analysis: the effect of ignoring within-study correlation. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2009 , 172, 789-811	2.1	112
205	A framework for developing, implementing, and evaluating clinical prediction models in an individual participant data meta-analysis. <i>Statistics in Medicine</i> , 2013 , 32, 3158-80	2.3	110
204	Meta-analysis of individual patient data versus aggregate data from longitudinal clinical trials. <i>Clinical Trials</i> , 2009 , 6, 16-27	2.2	108
203	Multivariate and network meta-analysis of multiple outcomes and multiple treatments: rationale, concepts, and examples. <i>BMJ, The</i> , 2017 , 358, j3932	5.9	102
202	Prognostic markers in cancer: the evolution of evidence from single studies to meta-analysis, and beyond. <i>British Journal of Cancer</i> , 2009 , 100, 1219-29	8.7	102
201	Mortality and implant revision rates of hip arthroplasty in patients with osteoarthritis: registry based cohort study. <i>BMJ, The</i> , 2012 , 344, e3319	5.9	98
200	Diagnostic accuracy of spot urinary protein and albumin to creatinine ratios for detection of significant proteinuria or adverse pregnancy outcome in patients with suspected pre-eclampsia: systematic review and meta-analysis. <i>BMJ, The</i> , 2012 , 345, e4342	5.9	97
199	Ten steps towards improving prognosis research. <i>BMJ, The</i> , 2009 , 339, b4184	5.9	96
198	Circulating neuroblastoma cells detected by reverse transcriptase polymerase chain reaction for tyrosine hydroxylase mRNA are an independent poor prognostic indicator in stage 4 neuroblastoma in children over 1 year. <i>Journal of Clinical Oncology</i> , 2001 , 19, 1795-801	2.2	90
197	GRADE Guidelines 28: Use of GRADE for the assessment of evidence about prognostic factors: rating certainty in identification of groups of patients with different absolute risks. <i>Journal of Clinical Epidemiology</i> , 2020 , 121, 62-70	5.7	86
196	Systematic review and critical appraisal of prediction models for diagnosis and prognosis of COVID-19 infection		84
195	Detecting small-study effects and funnel plot asymmetry in meta-analysis of survival data: A comparison of new and existing tests. <i>Research Synthesis Methods</i> , 2018 , 9, 41-50	7.2	83
194	Improving the transparency of prognosis research: the role of reporting, data sharing, registration, and protocols. <i>PLoS Medicine</i> , 2014 , 11, e1001671	11.6	81
193	Random effects meta-analysis: Coverage performance of 95% confidence and prediction intervals following REML estimation. <i>Statistics in Medicine</i> , 2017 , 36, 301-317	2.3	78
192	Prognostic models for predicting relapse or recurrence of depression. <i>The Cochrane Library</i> , 2019 ,	5.2	78
191	Meta-analysis of a binary outcome using individual participant data and aggregate data. <i>Research Synthesis Methods</i> , 2010 , 1, 2-19	7.2	69
190	Individual participant data (IPD) meta-analyses of diagnostic and prognostic modeling studies: guidance on their use. <i>PLoS Medicine</i> , 2015 , 12, e1001886	11.6	69
189	Factors affecting local regrowth after watch and wait for patients with a clinical complete response following chemoradiotherapy in rectal cancer (InterCoRe consortium): an individual participant data meta-analysis. <i>The Lancet Gastroenterology and Hepatology</i> , 2018 , 3, 825-836	18.8	69

188	Excision repair cross-complementation group 1 (ERCC1) status and lung cancer outcomes: a meta-analysis of published studies and recommendations. <i>PLoS ONE</i> , 2011 , 6, e25164	3.7	68
187	A systematic review of p53 as a prognostic factor of survival in squamous cell carcinoma of the four main anatomical subsites of the head and neck. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 574-87	4	66
186	Meta-analysis of randomised trials with a continuous outcome according to baseline imbalance and availability of individual participant data. <i>Statistics in Medicine</i> , 2013 , 32, 2747-66	2.3	65
185	Development and validation of risk prediction model for venous thromboembolism in postpartum women: multinational cohort study. <i>BMJ, The</i> , 2016 , 355, i6253	5.9	64
184	A multivariate meta-analysis approach for reducing the impact of outcome reporting bias in systematic reviews. <i>Statistics in Medicine</i> , 2012 , 31, 2179-95	2.3	63
183	Meta-analysis of diagnostic test studies using individual patient data and aggregate data. <i>Statistics in Medicine</i> , 2008 , 27, 6111-36	2.3	63
182	Meta-analysis of genetic studies using Mendelian randomization--a multivariate approach. <i>Statistics in Medicine</i> , 2005 , 24, 2241-54	2.3	61
181	Individual participant data meta-analyses should not ignore clustering. <i>Journal of Clinical Epidemiology</i> , 2013 , 66, 865-873.e4	5.7	60
180	Minimum sample size for developing a multivariable prediction model: Part I Continuous outcomes. <i>Statistics in Medicine</i> , 2019 , 38, 1262-1275	2.3	59
179	Individual participant data meta-analysis of prognostic factor studies: state of the art?. <i>BMC Medical Research Methodology</i> , 2012 , 12, 56	4.7	58
178	Association and prediction of amniotic fluid measurements for adverse pregnancy outcome: systematic review and meta-analysis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2014 , 121, 686-99	3.7	56
177	Supported self-management for patients with moderate to severe chronic obstructive pulmonary disease (COPD): an evidence synthesis and economic analysis. <i>Health Technology Assessment</i> , 2015 , 19, 1-516	4.4	52
176	Systematic review of prognostic models for recurrent venous thromboembolism (VTE) post-treatment of first unprovoked VTE. <i>BMJ Open</i> , 2016 , 6, e011190	3	52
175	Meta-analysis of diagnostic accuracy studies in mental health. <i>Evidence-Based Mental Health</i> , 2015 , 18, 103-9	11.1	51
174	Multivariate meta-analysis using individual participant data. <i>Research Synthesis Methods</i> , 2015 , 6, 157-747.2	7.2	51
173	Primer: an evidence-based approach to prognostic markers. <i>Nature Clinical Practice Oncology</i> , 2005 , 2, 466-72		51
172	When is birthweight at term abnormally low? A systematic review and meta-analysis of the association and predictive ability of current birthweight standards for neonatal outcomes. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2014 , 121, 515-26	3.7	49
171	Developing and validating risk prediction models in an individual participant data meta-analysis. <i>BMC Medical Research Methodology</i> , 2014 , 14, 3	4.7	49

170	A systematic review and evaluation of the use of tumour markers in paediatric oncology: Ewing's sarcoma and neuroblastoma. <i>Health Technology Assessment</i> , 2003 , 7, 1-162	4.4	49
169	A matrix-based method of moments for fitting the multivariate random effects model for meta-analysis and meta-regression. <i>Biometrical Journal</i> , 2013 , 55, 231-45	1.5	47
168	Multilevel mixed effects parametric survival models using adaptive Gauss-Hermite quadrature with application to recurrent events and individual participant data meta-analysis. <i>Statistics in Medicine</i> , 2014 , 33, 3844-58	2.3	47
167	Individual patient data meta-analysis of survival data using Poisson regression models. <i>BMC Medical Research Methodology</i> , 2012 , 12, 34	4.7	46
166	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. <i>Statistics in Medicine</i> , 2017 , 36, 772-789	2.3	45
165	Multivariate meta-analysis of individual participant data helped externally validate the performance and implementation of a prediction model. <i>Journal of Clinical Epidemiology</i> , 2016 , 69, 40-50	5.7	45
164	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. <i>BMJ Open</i> , 2021 , 11, e048008	3	44
163	Targeted case finding for chronic obstructive pulmonary disease versus routine practice in primary care (TargetCOPD): a cluster-randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 720-730	3.5 ¹	42
162	Prognostic significance of the morning blood pressure surge in clinical practice: a systematic review. <i>American Journal of Hypertension</i> , 2015 , 28, 30-41	2.3	42
161	A systematic review of molecular and biological markers in tumours of the Ewing's sarcoma family. <i>European Journal of Cancer</i> , 2003 , 39, 19-30	7.5	42
160	Individual participant data meta-analyses compared with meta-analyses based on aggregate data. <i>The Cochrane Library</i> , 2016 , 9, MR000007	5.2	41
159	Persistent sex disparities in clinical outcomes with percutaneous coronary intervention: Insights from 6.6 million PCI procedures in the United States. <i>PLoS ONE</i> , 2018 , 13, e0203325	3.7	41
158	Guide to presenting clinical prediction models for use in clinical settings. <i>BMJ, The</i> , 2019 , 365, l737	5.9	40
157	A framework for meta-analysis of prediction model studies with binary and time-to-event outcomes. <i>Statistical Methods in Medical Research</i> , 2019 , 28, 2768-2786	2.3	40
156	Self-management of health care behaviors for COPD: a systematic review and meta-analysis. <i>International Journal of COPD</i> , 2016 , 11, 305-26	3	40
155	Neurocognitive predictors of transition to psychosis: medium- to long-term findings from a sample at ultra-high risk for psychosis. <i>Psychological Medicine</i> , 2013 , 43, 2349-60	6.9	39
154	Commentary: like it and lump it? Meta-analysis using individual participant data. <i>International Journal of Epidemiology</i> , 2010 , 39, 1359-61	7.8	39
153	Prediction of pre-eclampsia: review of reviews. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019 , 54, 16-27	5.8	39

152	Prognosis research: toward evidence-based results and a Cochrane methods group. <i>Journal of Clinical Epidemiology</i> , 2007 , 60, 863-5; author reply 865-6	5.7	37
151	Individual recovery expectations and prognosis of outcomes in non-specific low back pain: prognostic factor review. <i>The Cochrane Library</i> , 2019 , 2019,	5.2	37
150	Meta-analysis of prediction model performance across multiple studies: Which scale helps ensure between-study normality for the C-statistic and calibration measures?. <i>Statistical Methods in Medical Research</i> , 2018 , 27, 3505-3522	2.3	35
149	Red blood cell transfusion and mortality in trauma patients: risk-stratified analysis of an observational study. <i>PLoS Medicine</i> , 2014 , 11, e1001664	11.6	35
148	Explicit inclusion of treatment in prognostic modeling was recommended in observational and randomized settings. <i>Journal of Clinical Epidemiology</i> , 2016 , 78, 90-100	5.7	35
147	Measuring the statistical validity of summary meta-analysis and meta-regression results for use in clinical practice. <i>Statistics in Medicine</i> , 2017 , 36, 3283-3301	2.3	33
146	Multivariate meta-analysis of prognostic factor studies with multiple cut-points and/or methods of measurement. <i>Statistics in Medicine</i> , 2015 , 34, 2481-96	2.3	32
145	Summarising and validating test accuracy results across multiple studies for use in clinical practice. <i>Statistics in Medicine</i> , 2015 , 34, 2081-103	2.3	31
144	Sharing individual participant data from clinical trials: an opinion survey regarding the establishment of a central repository. <i>PLoS ONE</i> , 2014 , 9, e97886	3.7	31
143	Predicting microbiologically defined infection in febrile neutropenic episodes in children: global individual participant data multivariable meta-analysis. <i>British Journal of Cancer</i> , 2016 , 114, 623-30	8.7	30
142	Exercise treatment effect modifiers in persistent low back pain: an individual participant data meta-analysis of 3514 participants from 27 randomised controlled trials. <i>British Journal of Sports Medicine</i> , 2020 , 54, 1277-1278	10.3	29
141	Borrowing of strength and study weights in multivariate and network meta-analysis. <i>Statistical Methods in Medical Research</i> , 2017 , 26, 2853-2868	2.3	28
140	Joint synthesis of multiple correlated outcomes in networks of interventions. <i>Biostatistics</i> , 2015 , 16, 84-97	3.7	27
139	Prediction of complications in early-onset pre-eclampsia (PREP): development and external multinational validation of prognostic models. <i>BMC Medicine</i> , 2017 , 15, 68	11.4	27
138	Sensitivity analyses allowed more appropriate and reliable meta-analysis conclusions for multiple outcomes when missing data was present. <i>Journal of Clinical Epidemiology</i> , 2004 , 57, 911-24	5.7	27
137	Individual participant data meta-analysis to examine interactions between treatment effect and participant-level covariates: Statistical recommendations for conduct and planning. <i>Statistics in Medicine</i> , 2020 , 39, 2115-2137	2.3	26
136	Early Clinical Features in Systemic Lupus Erythematosus: Can They Be Used to Achieve Earlier Diagnosis? A Risk Prediction Model. <i>Arthritis Care and Research</i> , 2017 , 69, 833-841	4.7	26
135	Unexpected predictor-outcome associations in clinical prediction research: causes and solutions. <i>Cmaj</i> , 2013 , 185, E499-505	3.5	26

134	A refined method for multivariate meta-analysis and meta-regression. <i>Statistics in Medicine</i> , 2014 , 33, 541-54	2.3	24
133	Supported self-management for patients with COPD who have recently been discharged from hospital: a systematic review and meta-analysis. <i>International Journal of COPD</i> , 2015 , 10, 853-67	3	24
132	Exercise therapy for chronic low back pain: protocol for an individual participant data meta-analysis. <i>Systematic Reviews</i> , 2012 , 1, 64	3	24
131	Statistical methods can be improved within Cochrane pregnancy and childbirth reviews. <i>Journal of Clinical Epidemiology</i> , 2011 , 64, 608-18	5.7	23
130	The impact of home-based physiotherapy interventions on breathlessness during activities of daily living in severe COPD: a systematic review. <i>Physiotherapy</i> , 2010 , 96, 108-19	3	23
129	Development and validation of a prediction model for fat mass in children and adolescents: meta-analysis using individual participant data. <i>BMJ, The</i> , 2019 , 366, l4293	5.9	22
128	Evidence-Based Assessment and Application of Prognostic Markers: The Long Way from Single Studies to Meta-Analysis. <i>Communications in Statistics - Theory and Methods</i> , 2006 , 35, 1333-1342	0.5	22
127	Penalization and shrinkage methods produced unreliable clinical prediction models especially when sample size was small. <i>Journal of Clinical Epidemiology</i> , 2021 , 132, 88-96	5.7	22
126	Individual recovery expectations and prognosis of outcomes in non-specific low back pain: prognostic factor exemplar review. <i>The Cochrane Library</i> , 2014 ,	5.2	21
125	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. <i>Systematic Reviews</i> , 2014 , 3, 131	3	21
124	Individual participant data meta-analysis of intervention studies with time-to-event outcomes: A review of the methodology and an applied example. <i>Research Synthesis Methods</i> , 2020 , 11, 148-168	7.2	21
123	Protocol for a systematic review on the methodological and reporting quality of prediction model studies using machine learning techniques. <i>BMJ Open</i> , 2020 , 10, e038832	3	21
122	Minimum sample size for external validation of a clinical prediction model with a binary outcome. <i>Statistics in Medicine</i> , 2021 , 40, 4230-4251	2.3	21
121	Bayesian meta-analytical methods to incorporate multiple surrogate endpoints in drug development process. <i>Statistics in Medicine</i> , 2016 , 35, 1063-89	2.3	20
120	Predicting infectious complications in neutropenic children and young people with cancer (IPD protocol). <i>Systematic Reviews</i> , 2012 , 1, 8	3	20
119	Prediction models in obstetrics: understanding the treatment paradox and potential solutions to the threat it poses. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016 , 123, 1060-4	3.7	19
118	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. <i>Health Technology Assessment</i> , 2016 , 20, i-xxxiii, 1-190	4.4	19
117	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. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 91-99	2.4	19

116	Random-effects meta-analysis of the clinical utility of tests and prediction models. <i>Statistics in Medicine</i> , 2018 , 37, 2034-2052	2.3	18
115	Development and validation of Prediction models for Risks of complications in Early-onset Pre-eclampsia (PREP): a prospective cohort study. <i>Health Technology Assessment</i> , 2017 , 21, 1-100	4.4	18
114	A matrix-based method of moments for fitting multivariate network meta-analysis models with multiple outcomes and random inconsistency effects. <i>Biometrics</i> , 2018 , 74, 548-556	1.8	18
113	Protease activity as a prognostic factor for wound healing in venous leg ulcers. <i>The Cochrane Library</i> , 2018 , 9, CD012841	5.2	18
112	When is birthweight at term (37 weeks' gestation) abnormally low? A systematic review and meta-analysis of the prognostic and predictive ability of current birthweight standards for childhood and adult outcomes. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015 , 122, 634-42	3.7	17
111	Predicting risk of undiagnosed COPD: development and validation of the TargetCOPD score. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	17
110	Meta-analysis of test accuracy studies: an exploratory method for investigating the impact of missing thresholds. <i>Systematic Reviews</i> , 2015 , 4, 12	3	17
109	Meta-Analysis of Test Accuracy Studies with Multiple and Missing Thresholds: A Multivariate-Normal Model. <i>Journal of Biometrics & Biostatistics</i> , 2014 , 05,	4	17
108	Individual participant data meta-analysis of continuous outcomes: A comparison of approaches for specifying and estimating one-stage models. <i>Statistics in Medicine</i> , 2018 , 37, 4404-4420	2.3	16
107	An alternative pseudolikelihood method for multivariate random-effects meta-analysis. <i>Statistics in Medicine</i> , 2015 , 34, 361-80	2.3	16
106	Methodological issues and recommendations for systematic reviews of prognostic studies: an example from cardiovascular disease. <i>Systematic Reviews</i> , 2014 , 3, 140	3	16
105	Methodology over metrics: current scientific standards are a disservice to patients and society. <i>Journal of Clinical Epidemiology</i> , 2021 , 138, 219-226	5.7	16
104	Cohort Profile: The Birmingham Chronic Obstructive Pulmonary Disease (COPD) Cohort Study. <i>International Journal of Epidemiology</i> , 2017 , 46, 23	7.8	15
103	Minimum sample size for external validation of a clinical prediction model with a continuous outcome. <i>Statistics in Medicine</i> , 2021 , 40, 133-146	2.3	15
102	TargetCOPD: a pragmatic randomised controlled trial of targeted case finding for COPD versus routine practice in primary care: protocol. <i>BMC Pulmonary Medicine</i> , 2014 , 14, 157	3.5	14
101	Periodic Health Examination and Injury Prediction in Professional Football (Soccer): Theoretically, the Prognosis is Good. <i>Sports Medicine</i> , 2018 , 48, 2443-2448	10.6	13
100	Temporal Changes in Co-Morbidity Burden in Patients Having Percutaneous Coronary Intervention and Impact on Prognosis. <i>American Journal of Cardiology</i> , 2018 , 122, 712-722	3	13
99	Subgrouping and TargetEd Exercise pRogrammes for knee and hip OsteoArthritis (STEER OA): a systematic review update and individual participant data meta-analysis protocol. <i>BMJ Open</i> , 2017 , 7, e018971	3	13

98	Risk of bias in studies on prediction models developed using supervised machine learning techniques: systematic review. <i>BMJ, The</i> , 2021 , 375, n2281	5.9	13
97	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. <i>Health Technology Assessment</i> , 2015 , 19, 1-366	4.4	13
96	Multivariate meta-analysis helps examine the impact of outcome reporting bias in Cochrane rheumatoid arthritis reviews. <i>Journal of Clinical Epidemiology</i> , 2015 , 68, 542-50	5.7	12
95	Prognosis research ideally should measure time-varying predictors at their intended moment of use. <i>Diagnostic and Prognostic Research</i> , 2017 , 1, 1	5.5	12
94	Stratified medicine in European Medicines Agency licensing: a systematic review of predictive biomarkers. <i>BMJ Open</i> , 2014 , 4, e004188	3	12
93	Measurement error and timing of predictor values for multivariable risk prediction models are poorly reported. <i>Journal of Clinical Epidemiology</i> , 2018 , 102, 38-49	5.7	12
92	External validation of clinical prediction models: simulation-based sample size calculations were more reliable than rules-of-thumb. <i>Journal of Clinical Epidemiology</i> , 2021 , 135, 79-89	5.7	11
91	Reporting of prognostic clinical prediction models based on machine learning methods in oncology needs to be improved. <i>Journal of Clinical Epidemiology</i> , 2021 , 138, 60-72	5.7	11
90	The role of secondary outcomes in multivariate meta-analysis. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2018 , 67, 1177-1205	1.5	10
89	Bayesian bivariate meta-analysis of correlated effects: Impact of the prior distributions on the between-study correlation, borrowing of strength, and joint inferences. <i>Statistical Methods in Medical Research</i> , 2018 , 27, 428-450	2.3	10
88	Problems of variable biomarker evaluation in stratified medicine research--A case study of ERCC1 in non-small-cell lung cancer. <i>Lung Cancer</i> , 2016 , 92, 1-7	5.9	10
87	Systematic review and meta-analysis of the value of clinical features to exclude radiographic pneumonia in febrile neutropenic episodes in children and young people. <i>Journal of Paediatrics and Child Health</i> , 2012 , 48, 641-8	1.3	10
86	COVID-19 prediction models should adhere to methodological and reporting standards. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	10
85	Continual updating and monitoring of clinical prediction models: time for dynamic prediction systems?. <i>Diagnostic and Prognostic Research</i> , 2021 , 5, 1	5.5	10
84	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. <i>Statistical Methods in Medical Research</i> , 2018 , 27, 2885-2905	2.3	9
83	Meta-analysis of test accuracy studies using imputation for partial reporting of multiple thresholds. <i>Research Synthesis Methods</i> , 2018 , 9, 100-115	7.2	9
82	Evidence synthesis in prognosis research. <i>Diagnostic and Prognostic Research</i> , 2019 , 3, 13	5.5	9
81	Predicting risk of COPD in primary care: development and validation of a clinical risk score. <i>BMJ Open Respiratory Research</i> , 2015 , 2, e000060	5.6	9

80	Risk stratification in febrile neutropenic episodes in adolescent/young adult patients with cancer. <i>European Journal of Cancer</i> , 2016 , 64, 101-6	7.5	9
79	Temporal recalibration for improving prognostic model development and risk predictions in settings where survival is improving over time. <i>International Journal of Epidemiology</i> , 2020 , 49, 1316-1325	7.8	8
78	Simulation-based power calculations for planning a two-stage individual participant data meta-analysis. <i>BMC Medical Research Methodology</i> , 2018 , 18, 41	4.7	8
77	Meta-analysis of randomized phase II trials to inform subsequent phase III decisions. <i>Trials</i> , 2014 , 15, 346	2.8	8
76	The relationship between measures of patient satisfaction and enablement and professional assessments of consultation competence. <i>Medical Teacher</i> , 2004 , 26, 223-8	3	8
75	Methods and reporting of systematic reviews of comparative accuracy were deficient: a methodological survey and proposed guidance. <i>Journal of Clinical Epidemiology</i> , 2020 , 121, 1-14	5.7	8
74	A random effects meta-analysis model with Box-Cox transformation. <i>BMC Medical Research Methodology</i> , 2017 , 17, 109	4.7	7
73	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. <i>Diagnostic and Prognostic Research</i> , 2017 , 1, 16	5.5	7
72	Model-based evaluation of the long-term cost-effectiveness of systematic case-finding for COPD in primary care. <i>Thorax</i> , 2019 , 74, 730-739	7.3	7
71	Feasibility trial of GP and case-managed support for workplace sickness absence. <i>Primary Health Care Research and Development</i> , 2014 , 15, 252-61	1.6	7
70	Accuracy of Vitalograph lung monitor as a screening test for COPD in primary care. <i>Npj Primary Care Respiratory Medicine</i> , 2020 , 30, 2	3.2	7
69	Clinical prediction models: diagnosis versus prognosis. <i>Journal of Clinical Epidemiology</i> , 2021 , 132, 142-145	5.7	7
68	A note on estimating the Cox-Snell R from a reported C statistic (AUROC) to inform sample size calculations for developing a prediction model with a binary outcome. <i>Statistics in Medicine</i> , 2021 , 40, 859-864	2.3	7
67	Association between antihypertensive treatment and adverse events: systematic review and meta-analysis. <i>BMJ, The</i> , 2021 , 372, n189	5.9	7
66	Development of a Flipped Medical School Dermatology Module. <i>Southern Medical Journal</i> , 2017 , 110, 319-324	0.6	7
65	An improved method for bivariate meta-analysis when within-study correlations are unknown. <i>Research Synthesis Methods</i> , 2018 , 9, 73-88	7.2	6
64	Validation and development of models using clinical, biochemical and ultrasound markers for predicting pre-eclampsia: an individual participant data meta-analysis. <i>Health Technology Assessment</i> , 2020 , 24, 1-252	4.4	6
63	Testing small study effects in multivariate meta-analysis. <i>Biometrics</i> , 2020 , 76, 1240-1250	1.8	6

62	Is the first urinary albumin/creatinine ratio (ACR) in women with suspected preeclampsia a prognostic factor for maternal and neonatal adverse outcome? A retrospective cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2017 , 96, 580-588	3.8	5
61	Empirical comparison of univariate and multivariate meta-analyses in Cochrane Pregnancy and Childbirth reviews with multiple binary outcomes. <i>Research Synthesis Methods</i> , 2019 , 10, 440-451	7.2	5
60	First-trimester ultrasound measurements and maternal serum biomarkers as prognostic factors in monochorionic twins: a cohort study. <i>Diagnostic and Prognostic Research</i> , 2019 , 3, 9	5.5	5
59	Meta-analysis of continuous outcomes: Using pseudo IPD created from aggregate data to adjust for baseline imbalance and assess treatment-by-baseline modification. <i>Research Synthesis Methods</i> , 2020 , 11, 780-794	7.2	5
58	The Galaxy Plot: A New Visualization Tool for Bivariate Meta-Analysis Studies. <i>American Journal of Epidemiology</i> , 2020 , 189, 861-869	3.8	5
57	Individual participant data validation of the PICNICC prediction model for febrile neutropenia. <i>Archives of Disease in Childhood</i> , 2020 , 105, 439-445	2.2	5
56	Protocol for a systematic review of the diagnostic and prognostic utility of tests currently available for the detection of aspirin resistance in patients with established cardiovascular or cerebrovascular disease. <i>Systematic Reviews</i> , 2013 , 2, 16	3	5
55	Completeness of reporting of clinical prediction models developed using supervised machine learning: a systematic review.. <i>BMC Medical Research Methodology</i> , 2022 , 22, 12	4.7	5
54	Clinical prediction models to predict the risk of multiple binary outcomes: a comparison of approaches. <i>Statistics in Medicine</i> , 2021 , 40, 498-517	2.3	5
53	Can risk prediction models help us individualise stillbirth prevention? A systematic review and critical appraisal of published risk models. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021 , 128, 214-224	3.7	5
52	Clinical Prediction Models in Sports Medicine: A Guide for Clinicians and Researchers. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2021 , 51, 517-525	4.2	5
51	Association of maternal serum PAPP-A levels, nuchal translucency and crown-rump length in first trimester with adverse pregnancy outcomes: retrospective cohort study. <i>Prenatal Diagnosis</i> , 2017 , 37, 705-711	3.2	4
50	Predictors of the effects of treatment for shoulder pain: protocol of an individual participant data meta-analysis. <i>Diagnostic and Prognostic Research</i> , 2019 , 3, 15	5.5	4
49	External validation of prognostic models predicting pre-eclampsia: individual participant data meta-analysis. <i>BMC Medicine</i> , 2020 , 18, 302	11.4	4
48	One-stage individual participant data meta-analysis models for continuous and binary outcomes: Comparison of treatment coding options and estimation methods. <i>Statistics in Medicine</i> , 2020 , 39, 2536-2555	2.3	4
47	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. <i>BMJ Open</i> , 2018 , 8, e020796	3	4
46	Does vitamin D supplementation improve bone density in vitamin D-deficient children? Protocol for an individual patient data meta-analysis. <i>BMJ Open</i> , 2018 , 8, e019584	3	4
45	Protocol for a systematic review of prognostic models for the recurrence of venous thromboembolism (VTE) following treatment for a first unprovoked VTE. <i>Systematic Reviews</i> , 2013 , 2, 91	3	4

44	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
43	GRADE concept paper 2: Concepts for Judging Certainty on the Calibration of Prognostic Models in a Body of Validation Studies. <i>Journal of Clinical Epidemiology</i> , 2021 ,	5.7	4
42	Risk assessments and structured care interventions for prevention of foot ulceration in diabetes: development and validation of a prognostic model. <i>Health Technology Assessment</i> , 2020 , 24, 1-198	4.4	4
41	Sample sizes of prediction model studies in prostate cancer were rarely justified and often insufficient. <i>Journal of Clinical Epidemiology</i> , 2021 , 133, 53-60	5.7	4
40	Prognostic models for predicting relapse or recurrence of major depressive disorder in adults. <i>The Cochrane Library</i> , 2021 , 5, CD013491	5.2	4
39	Development and validation of a risk prediction model of preterm birth for women with preterm labour symptoms (the QUIDS study): A prospective cohort study and individual participant data meta-analysis. <i>PLoS Medicine</i> , 2021 , 18, e1003686	11.6	4
38	Guidance for deriving and presenting percentage study weights in meta-analysis of test accuracy studies. <i>Research Synthesis Methods</i> , 2018 , 9, 163-178	7.2	4
37	Study protocol: quantitative fibronectin to help decision-making in women with symptoms of preterm labour (QUIDS) part 2, UK Prospective Cohort Study. <i>BMJ Open</i> , 2018 , 8, e020795	3	4
36	Prediction or causality? A scoping review of their conflation within current observational research. <i>European Journal of Epidemiology</i> , 2021 , 36, 889-898	12.1	4
35	The Value of Preseason Screening for Injury Prediction: The Development and Internal Validation of a Multivariable Prognostic Model to Predict Indirect Muscle Injury Risk in Elite Football (Soccer) Players. <i>Sports Medicine - Open</i> , 2020 , 6, 22	6.1	3
34	Developing more generalizable prediction models from pooled studies and large clustered data sets. <i>Statistics in Medicine</i> , 2021 , 40, 3533-3559	2.3	3
33	External validation of a model to predict women most at risk of postpartum venous thromboembolism: Maternity clot risk. <i>Thrombosis Research</i> , 2021 ,	8.2	3
32	A tutorial on individualized treatment effect prediction from randomized trials with a binary endpoint. <i>Statistics in Medicine</i> , 2021 , 40, 5961-5981	2.3	3
31	Development and validation of prediction models for risk of adverse outcomes in women with early-onset pre-eclampsia: protocol of the prospective cohort PREP study. <i>Diagnostic and Prognostic Research</i> , 2017 , 1, 6	5.5	2
30	A study protocol for the development and internal validation of a multivariable prognostic model to determine lower extremity muscle injury risk in elite football (soccer) players, with further exploration of prognostic factors. <i>Diagnostic and Prognostic Research</i> , 2019 , 3, 19	5.5	2
29	Minimum sample size calculations for external validation of a clinical prediction model with a time-to-event outcome.. <i>Statistics in Medicine</i> , 2021 ,	2.3	2
28	Individual participant data meta-analysis for external validation, recalibration, and updating of a flexible parametric prognostic model. <i>Statistics in Medicine</i> , 2021 , 40, 3066-3084	2.3	2
27	Doug Altman: Driving critical appraisal and improvements in the quality of methodological and medical research. <i>Biometrical Journal</i> , 2021 , 63, 226-246	1.5	2

26	Meta-analysis of a continuous outcome combining individual patient data and aggregate data: a method based on simulated individual patient data. <i>Research Synthesis Methods</i> , 2014 , 5, 322-51	7.2	1
25	Closed-Forms Solution for Simplified PV Modeling and Voltage Evaluation Including Irradiation and Temperature Dependence 2013 ,		1
24	Protease activity as a prognostic factor for wound healing in venous leg ulcers. <i>The Cochrane Library</i> , 2017 ,	5.2	1
23	Research Note: Individual participant data (IPD) meta-analysis. <i>Journal of Physiotherapy</i> , 2021 , 67, 224-227	7.9	1
22	Completeness of reporting of clinical prediction models developed using supervised machine learning: A systematic review		1
21	The development and validation of a prognostic model to PREDICT Relapse of depression in adult patients in primary care: protocol for the PREDICTR study. <i>Diagnostic and Prognostic Research</i> , 2021 , 5, 12	5.5	1
20	Community-based complex interventions to sustain independence in older people, stratified by frailty: a protocol for a systematic review and network meta-analysis. <i>BMJ Open</i> , 2021 , 11, e045637	3	1
19	Lessons learnt when accounting for competing events in the external validation of time-to-event prognostic models.. <i>International Journal of Epidemiology</i> , 2021 ,	7.8	1
18	Predicting relapse or recurrence of depression: systematic review of prognostic models.. <i>British Journal of Psychiatry</i> , 2022 , 1-11	5.4	0
17	Developing clinical prediction models when adhering to minimum sample size recommendations: The importance of quantifying bootstrap variability in tuning parameters and predictive performance. <i>Statistical Methods in Medical Research</i> , 2021 , 30, 2545-2561	2.3	0
16	The statistical importance of a study for a network meta-analysis estimate. <i>BMC Medical Research Methodology</i> , 2020 , 20, 190	4.7	0
15	Diet and physical activity in pregnancy to prevent gestational diabetes: a protocol for an individual participant data (IPD) meta-analysis on the differential effects of interventions with economic evaluation. <i>BMJ Open</i> , 2021 , 11, e048119	3	0
14	Improving prediction model systematic review methodology: Letter to the Editor. <i>Translational Sports Medicine</i> , 2021 , 4, 545	1.3	0
13	PRIME-IPD SERIES Part 2. Retrieving, checking, and harmonizing data are underappreciated challenges in individual participant data meta-analyses. <i>Journal of Clinical Epidemiology</i> , 2021 , 136, 221-223	5.7	0
12	A prognostic model, including quantitative fetal fibronectin, to predict preterm labour: the QUIDS meta-analysis and prospective cohort study. <i>Health Technology Assessment</i> , 2021 , 25, 1-168	4.4	0
11	Predicting pain and function outcomes in people consulting with shoulder pain: the PANDA-S clinical cohort and qualitative study protocol. <i>BMJ Open</i> , 2021 , 11, e052758	3	0
10	Methodological conduct of prognostic prediction models developed using machine learning in oncology: a systematic review.. <i>BMC Medical Research Methodology</i> , 2022 , 22, 101	4.7	0
9	Validation of prediction models in the presence of competing risks: a guide through modern methods. <i>BMJ</i> , 2021 , e069249	5.9	0

8	Development and Validation of Risk Prediction Model for Venous Thromboembolism in Postpartum Women: Multinational Cohort Study. <i>Obstetric Anesthesia Digest</i> , 2017 , 37, 205-206	0.2
7	Case-finding and improving patient outcomes for chronic obstructive pulmonary disease in primary care: the BLISS research programme including cluster RCT. <i>Programme Grants for Applied Research</i> , 2021 , 9, 1-148	1.5
6	Flaws in the Development and Validation of a Coronavirus Disease 2019 Prediction Model. <i>Clinical Infectious Diseases</i> , 2021 , 73, 557-558	11.6
5	Authors' reply to Sabour and Ghajari "Clinical prediction models to predict the risk of multiple binary outcomes: Methodological issues". <i>Statistics in Medicine</i> , 2021 , 40, 1861-1862	2.3
4	Study protocol for the development and internal validation of Schizophrenia Prediction of Resistance to Treatment (SPIRIT): a clinical tool for predicting risk of treatment resistance to antipsychotics in first-episode schizophrenia.. <i>BMJ Open</i> , 2022 , 12, e056420	3
3	Systematic Reviews of Prediction Models 2022 , 347-376	
2	Systematic Reviews of Prognostic Factor Studies 2022 , 324-346	
1	Combining Results Using Meta-Analysis 2022 , 159-184	