Sofia Dias

List of Publications by Citations

121 papers	**6,438** citations	**37** h-index	**79** g-index
138 ext. papers	**8,079** ext. citations	**4.3** avg, IF	**6.16** L-index

#	Paper	IF	Citations
121	Checking consistency in mixed treatment comparison meta-analysis. *Statistics in Medicine*, **2010**, 29, 932-44	4.3	1157
120	Evidence synthesis for decision making 2: a generalized linear modeling framework for pairwise and network meta-analysis of randomized controlled trials. *Medical Decision Making*, **2013**, 33, 607-17	2.5	713
119	Evidence synthesis for decision making 4: inconsistency in networks of evidence based on randomized controlled trials. *Medical Decision Making*, **2013**, 33, 641-56	2.5	407
118	Psychological and pharmacological interventions for social anxiety disorder in adults: a systematic review and network meta-analysis. *Lancet Psychiatry,the*, **2014**, 1, 368-76	23.3	349
117	Evidence synthesis for decision making 3: heterogeneity--subgroups, meta-regression, bias, and bias-adjustment. *Medical Decision Making*, **2013**, 33, 618-40	2.5	282
116	Consolidated standards of reporting trials (CONSORT) and the completeness of reporting of randomised controlled trials (RCTs) published in medical journals. *The Cochrane Library*, **2012**, 11, MR000030	5.2	259
115	Oral anticoagulants for prevention of stroke in atrial fibrillation: systematic review, network meta-analysis, and cost effectiveness analysis. *BMJ, The*, **2017**, 359, j5058	5.9	235
114	Automated generation of node-splitting models for assessment of inconsistency in network meta-analysis. *Research Synthesis Methods*, **2016**, 7, 80-93	7.2	189
113	Impact of different training modalities on glycaemic control and blood lipids in patients with type 2 diabetes: a systematic review and network meta-analysis. *Diabetologia*, **2014**, 57, 1789-97	10.3	132
112	Long-term pituitary down-regulation before in vitro fertilization (IVF) for women with endometriosis. *The Cochrane Library*, **2006**, CD004635	5.2	124
111	Methods for Population-Adjusted Indirect Comparisons in Health Technology Appraisal. *Medical Decision Making*, **2018**, 38, 200-211	2.5	111
110	How does exercise treatment compare with antihypertensive medications? A network meta-analysis of 391 randomised controlled trials assessing exercise and medication effects on systolic blood pressure. *British Journal of Sports Medicine*, **2019**, 53, 859-869	10.3	111
109	Evidence synthesis for decision making 1: introduction. *Medical Decision Making*, **2013**, 33, 597-606	2.5	109
108	**2018**,		98
107	Long-acting inhaled therapy (beta-agonists, anticholinergics and steroids) for COPD: a network meta-analysis. *The Cochrane Library*, **2014**, CD010844	5.2	92
106	Oral anticoagulants for primary prevention, treatment and secondary prevention of venous thromboembolic disease, and for prevention of stroke in atrial fibrillation: systematic review, network meta-analysis and cost-effectiveness analysis. *Health Technology Assessment*, **2017**, 21, 1-386	4.4	90
105	Impact of different training modalities on anthropometric and metabolic characteristics in overweight/obese subjects: a systematic review and network meta-analysis. *PLoS ONE*, **2013**, 8, e82853	3.7	85

#	Reference	IF	Citations
104	Efficacy and safety of long-acting β-agonist/long-acting muscarinic antagonist combinations in COPD: a network meta-analysis. *Thorax*, **2016**, 71, 15-25	7.3	84
103	External validity of rct evidence in cost-effectiveness analyses. A review of recent technology appraisals for nice and proposed methods of adjustment. *Trials*, **2015**, 16,	2.8	78
102	Labour induction with prostaglandins: a systematic review and network meta-analysis. *BMJ, The*, **2015**, 350, h217	5.9	69
101	Evaluating novel agent effects in multiple-treatments meta-regression. *Statistics in Medicine*, **2010**, 29, 2369-83	2.3	64
100	Percutaneous vertebroplasty and percutaneous balloon kyphoplasty for the treatment of osteoporotic vertebral fractures: a systematic review and cost-effectiveness analysis. *Health Technology Assessment*, **2014**, 18, 1-290	4.4	63
99	Impact of long-term lifestyle programmes on weight loss and cardiovascular risk factors in overweight/obese participants: a systematic review and network meta-analysis. *Systematic Reviews*, **2014**, 3, 130	3	62
98	Evidence synthesis for decision making 7: a reviewer's checklist. *Medical Decision Making*, **2013**, 33, 679-91	2.5	59
97	Data extraction for complex meta-analysis (DECiMAL) guide. *Systematic Reviews*, **2016**, 5, 212	3	57
96	Evidence synthesis for decision making 5: the baseline natural history model. *Medical Decision Making*, **2013**, 33, 657-70	2.5	55
95	Absolute or relative effects? Arm-based synthesis of trial data. *Research Synthesis Methods*, **2016**, 7, 23-8	7.2	52
94	Accounting for correlation in network meta-analysis with multi-arm trials. *Research Synthesis Methods*, **2012**, 3, 142-60	7.2	51
93	Extending methods for investigating the relationship between treatment effect and baseline risk from pairwise meta-analysis to network meta-analysis. *Statistics in Medicine*, **2013**, 32, 752-71	2.3	47
92	Network meta-analysis with competing risk outcomes. *Value in Health*, **2010**, 13, 976-83	3.3	47
91	Research Review: Psychological and psychosocial treatments for children and young people with post-traumatic stress disorder: a network meta-analysis. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2020**, 61, 18-29	7.9	46
90	Estimation and adjustment of bias in randomized evidence by using mixed treatment comparison meta-analysis. *Journal of the Royal Statistical Society Series A: Statistics in Society*, **2010**, 173, 613-629	2.1	45
89	Which method is best for the induction of labour? A systematic review, network meta-analysis and cost-effectiveness analysis. *Health Technology Assessment*, **2016**, 20, 1-584	4.4	42
88	Evidence of improving quality of reporting of randomized controlled trials in subfertility. *Human Reproduction*, **2006**, 21, 2617-27	5.7	39
87	Methods to induce labour: a systematic review, network meta-analysis and cost-effectiveness analysis. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2016**, 123, 1462-70	3.7	38

86	Evidence synthesis for decision making 6: embedding evidence synthesis in probabilistic cost-effectiveness analysis. *Medical Decision Making*, **2013**, 33, 671-8	2.5	37
85	Vasomotor symptoms resulting from natural menopause: a systematic review and network meta-analysis of treatment effects from the National Institute for Health and Care Excellence guideline on menopause. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2017**, 124, 1514-1523	3.7	35
84	Treatments for bulimia nervosa: a network meta-analysis. *Psychological Medicine*, **2018**, 48, 2629-2636	6.9	34
83	Industry sponsorship bias in research findings: a network meta-analysis of LDL cholesterol reduction in randomised trials of statins. *BMJ, The*, **2014**, 349, g5741	5.9	34
82	Psychological treatments for post-traumatic stress disorder in adults: a network meta-analysis. *Psychological Medicine*, **2020**, 50, 542-555	6.9	30
81	Dual combination therapy versus long-acting bronchodilators alone for chronic obstructive pulmonary disease (COPD): a systematic review and network meta-analysis. *The Cochrane Library*, **2018**, 12, CD012620	5.2	30
80	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults. *PLoS ONE*, **2020**, 15, e0232245	3.7	28
79	Model-Based Network Meta-Analysis: A Framework for Evidence Synthesis of Clinical Trial Data. *CPT: Pharmacometrics and Systems Pharmacology*, **2016**, 5, 393-401	4.5	28
78	A Bayesian framework to account for uncertainty due to missing binary outcome data in pairwise meta-analysis. *Statistics in Medicine*, **2015**, 34, 2062-80	2.3	25
77	Classes of antihypertensive agents and mortality in hypertensive patients with type 2 diabetes-Network meta-analysis of randomized trials. *Journal of Diabetes and Its Complications*, **2016**, 30, 1192-200	3.2	24
76	Short and long-term safety and efficacy of polymer-free vs. durable polymer drug-eluting stents. A comprehensive meta-analysis of randomized trials including 6178 patients. *Atherosclerosis*, **2014**, 233, 224-31	3.1	24
75	Fluid and pharmacological agents for adhesion prevention after gynaecological surgery. *The Cochrane Library*, **2014**, CD001298	5.2	24
74	Adhesion prevention agents for gynaecological surgery: an overview of Cochrane reviews. *The Cochrane Library*, **2015**, 1, CD011254	5.2	23
73	Study designs to detect sponsorship and other biases in systematic reviews. *Journal of Clinical Epidemiology*, **2010**, 63, 587-8	5.7	23
72	Extending Treatment Networks in Health Technology Assessment: How Far Should We Go?. *Value in Health*, **2015**, 18, 673-81	3.3	22
71	Population Adjustment Methods for Indirect Comparisons: A Review of National Institute for Health and Care Excellence Technology Appraisals. *International Journal of Technology Assessment in Health Care*, **2019**, 35, 221-228	1.8	21
70	Representation of people with comorbidity and multimorbidity in clinical trials of novel drug therapies: an individual-level participant data analysis. *BMC Medicine*, **2019**, 17, 201	11.4	21
69	Exploring treatment by covariate interactions using subgroup analysis and meta-regression in cochrane reviews: a review of recent practice. *PLoS ONE*, **2015**, 10, e0128804	3.7	20

#	Reference	IF	Cit
68	Sensitivity of treatment recommendations to bias in network meta-analysis. *Journal of the Royal Statistical Society Series A: Statistics in Society*, **2018**, 181, 843-867	2.1	20
67	Prevention of contrast-induced acute kidney injury in patients undergoing cardiovascular procedures-a systematic review and network meta-analysis. *PLoS ONE*, **2017**, 12, e0168726	3.7	19
66	Venous thromboembolism prophylaxis strategies for people undergoing elective total knee replacement: a systematic review and network meta-analysis. *Lancet Haematology,the*, **2019**, 6, e530-e539	14.6	17
65	Multilevel network meta-regression for population-adjusted treatment comparisons. *Journal of the Royal Statistical Society Series A: Statistics in Society*, **2020**, 183, 1189-1210	2.1	17
64	The Cost Effectiveness of Psychological and Pharmacological Interventions for Social Anxiety Disorder: A Model-Based Economic Analysis. *PLoS ONE*, **2015**, 10, e0140704	3.7	17
63	Selecting the best scale for measuring treatment effect in a network meta-analysis: a case study in childhood nocturnal enuresis. *Research Synthesis Methods*, **2012**, 3, 126-41	7.2	17
62	A threshold analysis assessed the credibility of conclusions from network meta-analysis. *Journal of Clinical Epidemiology*, **2016**, 80, 68-76	5.7	17
61	Threshold Analysis as an Alternative to GRADE for Assessing Confidence in Guideline Recommendations Based on Network Meta-analyses. *Annals of Internal Medicine*, **2019**, 170, 538-546	8	17
60	Network meta-analysis including treatment by covariate interactions: Consistency can vary across covariate values. *Research Synthesis Methods*, **2017**, 8, 485-495	7.2	16
59	Dietary supplements and risk of cause-specific death, cardiovascular disease, and cancer: a protocol for a systematic review and network meta-analysis of primary prevention trials. *Systematic Reviews*, **2015**, 4, 34	3	15
58	Simultaneous synthesis of treatment effects and mapping to a common scale: an alternative to standardisation. *Research Synthesis Methods*, **2015**, 6, 96-107	7.2	15
57	Assessing the performance of population adjustment methods for anchored indirect comparisons: A simulation study. *Statistics in Medicine*, **2020**, 39, 4885-4911	2.3	14
56	Bias in frequently reported analyses of subfertility trials. *Statistics in Medicine*, **2008**, 27, 5605-19	2.3	11
55	Modelling time-course relationships with multiple treatments: Model-based network meta-analysis for continuous summary outcomes. *Research Synthesis Methods*, **2019**, 10, 267-286	7.2	10
54	Efficacy and acceptability of pharmacological and non-pharmacological interventions for non-specific chronic low back pain: a protocol for a systematic review and network meta-analysis. *Systematic Reviews*, **2020**, 9, 130	3	9
53	Graphs of study contributions and covariate distributions for network meta-regression. *Research Synthesis Methods*, **2018**, 9, 243-260	7.2	9
52	Comparative efficacy and safety of anticoagulant strategies for acute coronary syndromes. Comprehensive network meta-analysis of 42 randomised trials involving 117,353 patients. *Thrombosis and Haemostasis*, **2015**, 114, 933-44	7	9
51	Cost-effectiveness of psychological interventions for children and young people with post-traumatic stress disorder. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2020**, 61, 699-710	7.9	9

50	On weakly informative prior distributions for the heterogeneity parameter in Bayesian random-effects meta-analysis. *Research Synthesis Methods*, **2021**, 12, 448-474	7.2	8
49	Point-of-care creatinine tests to assess kidney function for outpatients requiring contrast-enhanced CT imaging: systematic reviews and economic evaluation. *Health Technology Assessment*, **2020**, 24, 1-248	4.4	7
48	Directly Acting Oral Anticoagulants for the Prevention of Stroke in Atrial Fibrillation in England and Wales: Cost-Effectiveness Model and Value of Information Analysis. *MDM Policy and Practice*, **2019**, 4, 2381468319866828	1.5	6
47	Equivalence of entropy balancing and the method of moments for matching-adjusted indirect comparison. *Research Synthesis Methods*, **2020**, 11, 568-572	7.2	6
46	Patient characteristics as effect modifiers for psoriasis biologic treatment response: an assessment using network meta-analysis subgroups. *Systematic Reviews*, **2020**, 9, 132	3	5
45	No evidence of industry sponsorship bias in statin trials. *BMJ, The*, **2014**, 349, g6579	5.9	5
44	Endometriosis: an overview of Cochrane Reviews **2012**,		5
43	Target estimands for efficient decision making: Response to comments on "Assessing the performance of population adjustment methods for anchored indirect comparisons: A simulation study". *Statistics in Medicine*, **2021**, 40, 2759-2763	2.3	5
42	Assessing the consistency assumptions underlying network meta-regression using aggregate data. *Research Synthesis Methods*, **2019**, 10, 207-224	7.2	5
41	Prophylactic antibiotics for adults with chronic obstructive pulmonary disease: a network meta-analysis. *The Cochrane Library*, **2021**, 1, CD013198	5.2	5
40	A mixed treatment comparison for short- and long-term outcomes of bare-metal and drug-eluting coronary stents. *International Journal of Cardiology*, **2016**, 202, 448-62	3.2	4
39	Differences in relative and absolute effectiveness of oral P2Y inhibition in men and women: a meta-analysis and modelling study. *Heart*, **2018**, 104, 657-664	5.1	4
38	Layperson-Led vs Professional-Led Behavioral Interventions for Weight Loss in Pediatric Obesity: A Systematic Review and Meta-analysis. *JAMA Network Open*, **2020**, 3, e2010364	10.4	4
37	Fluid and pharmacological agents for adhesion prevention after gynaecological surgery. *The Cochrane Library*, **2020**, 7, CD001298	5.2	4
36	Venous Thromboembolism Prophylaxis Strategies for People Undergoing Elective Total Hip Replacement: A Systematic Review and Network Meta-Analysis. *Value in Health*, **2019**, 22, 953-969	3.3	3
35	Outcomes reported in trials of methods for the induction of labour. *Trials*, **2015**, 16,	2.8	3
34	Primary surgical management of anterior pelvic organ prolapse: a systematic review, network meta-analysis and cost-effectiveness analysis. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2020**, 127, 18-26	3.7	3
33	Exploring Heterogeneity in Histology-Independent Technologies and the Implications for Cost-Effectiveness. *Medical Decision Making*, **2021**, 41, 165-178	2.5	3

32	Different Methods for Modelling Severe Hypoglycaemic Events: Implications for Effectiveness, Costs and Health Utilities. *Pharmacoeconomics*, **2018**, 36, 523-532	4.4	2
31	A meta-analysis of the use of 4⬚% icodextrin solution to prevent adhesion formation after gynaecological surgery. *Gynecological Surgery*, **2013**, 10, 5-10	1.7	2
30	The Cost-Effectiveness Of Novel Oral Anticoagulants For The Prevention Of Stroke In Atrial Fibrillation In England And Wales. *Value in Health*, **2015**, 18, A391-A392	3.3	2
29	Optimal duration of dual antiplatelet therapy after drug eluting stent implantation: a network meta-analysis. *Anatolian Journal of Cardiology*, **2017**, 18, 251-260	0.8	2
28	Joint synthesis of conditionally related multiple outcomes makes better use of data than separate meta-analyses. *Research Synthesis Methods*, **2020**, 11, 496-506	7.2	2
27	Joining the Dots: Linking Disconnected Networks of Evidence Using Dose-Response Model-Based Network Meta-Analysis. *Medical Decision Making*, **2021**, 41, 194-208	2.5	2
26	Fixed-dose combination inhalers compared to long-acting bronchodilators for COPD: a network meta-analysis. *The Cochrane Library*, **2017**,	5.2	1
25	Re: Hutchinson M, Fox RJ, Havrdova E, et al. Efficacy and safety of BG-12 (dimethyl fumarate) and other disease modifying therapies for the treatment of relapsing-remitting multiple sclerosis: a systematic review and mixed treatment comparison. Curr Med Res Opin 2014;30:613-27. *Current Medical Research and Opinion*, **2015**, 31, 51-2	2.5	1
24	labour induction with prostaglandins: what works best? A systematic review, network meta-analysis and cost-effectiveness analysis. *Value in Health*, **2014**, 17, A505-6	3.3	1
23	Adhesion prevention agents for gynaecological surgery: an overview of Cochrane reviews **2014**,		1
22	Labour Induction With Prostaglandins. *Obstetrical and Gynecological Survey*, **2015**, 70, 371-373	2.4	1
21	Consolidated standards of reporting trials (CONSORT) and the quality of reporting of randomized controlled trials **2010**,		1
20	Infographic. How does exercise treatment compare with antihypertensive medications?. *British Journal of Sports Medicine*, **2020**, 54, 746-747	10.3	1
19	Prophylactic antibiotics for adults with chronic obstructive pulmonary disease: a network meta-analysis. *The Cochrane Library*, **2018**,	5.2	1
18	Modelling approaches for histology-independent cancer drugs to inform NICE appraisals: a systematic review and decision-framework.. *Health Technology Assessment*, **2021**, 25, 1-228	4.4	1
17	Performance of model-based network meta-analysis (MBNMA) of time-course relationships: A simulation study. *Research Synthesis Methods*, **2020**, 11, 678-697	7.2	0
16	Methodological review to develop a list of bias items used to assess reviews incorporating network meta-analysis: protocol and rationale. *BMJ Open*, **2021**, 11, e045987	3	0
15	Improving the Estimation of Subgroup Effects for Clinical Trial Participants with Multimorbidity by Incorporating Drug Class-Level Information in Bayesian Hierarchical Models: A Simulation Study. *Medical Decision Making*, **2021**, 272989X211029556	2.5	0

14	Target Trial Emulation for Transparent and Robust Estimation of Treatment Effects for Health Technology Assessment Using Real-World Data: Opportunities and Challenges.. *Pharmacoeconomics*, **2022**, 1	4.4	0
13	Heightened risk of false positives in a network meta-analysis of social anxiety--Author's reply. *Lancet Psychiatry,the*, **2015**, 2, 293-4	23.3	
12	Multi-Level Network Meta-Analysis To Account for Dose-Response and Class Effects. *Value in Health*, **2014**, 17, A578	3.3	
11	Dose-Response Network Meta-Analysis To Address Dose Heterogeneity In A Cost-Effectiveness Analysis In Acute Migraine. *Value in Health*, **2014**, 17, A563	3.3	
10	A method for assessing robustness of the results of a star-shaped network meta-analysis under the unidentifiable consistency assumption. *BMC Medical Research Methodology*, **2021**, 21, 113	4.7	
9	Characteristics modifying response to biological treatments for psoriasis: considering subgroups in network meta-analysis. *British Journal of Dermatology*, **2021**, 184, 358-359	4	
8	Cost-effectiveness of point-of-care creatinine testing to assess kidney function prior to contrast-enhanced computed tomography imaging. *European Journal of Radiology*, **2021**, 142, 109872	4.7	
7	Multiple versus single risk behaviour interventions for people with severe mental illness: a network meta-analysis and qualitative synthesis **2022**, 10, 1-186		
6	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults **2020**, 15, e0232245		
5	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults **2020**, 15, e0232245		
4	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults **2020**, 15, e0232245		
3	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults **2020**, 15, e0232245		
2	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults **2020**, 15, e0232245		
1	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults **2020**, 15, e0232245		