

# Sofia Dias

## List of Publications by Year in Descending Order

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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.

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	Target Trial Emulation for Transparent and Robust Estimation of Treatment Effects for Health Technology Assessment Using Real-World Data: Opportunities and Challenges.. <i>Pharmacoeconomics</i> , <b>2022</b> , 1	4.4	0
120	Multiple versus single risk behaviour interventions for people with severe mental illness: a network meta-analysis and qualitative synthesis <b>2022</b> , 10, 1-186		
119	Target estimands for efficient decision making: Response to comments on "Assessing the performance of population adjustment methods for anchored indirect comparisons: A simulation study". <i>Statistics in Medicine</i> , <b>2021</b> , 40, 2759-2763	2.3	5
118	Methodological review to develop a list of bias items used to assess reviews incorporating network meta-analysis: protocol and rationale. <i>BMJ Open</i> , <b>2021</b> , 11, e045987	3	0
117	A method for assessing robustness of the results of a star-shaped network meta-analysis under the unidentifiable consistency assumption. <i>BMC Medical Research Methodology</i> , <b>2021</b> , 21, 113	4.7	
116	Characteristics modifying response to biological treatments for psoriasis: considering subgroups in network meta-analysis. <i>British Journal of Dermatology</i> , <b>2021</b> , 184, 358-359	4	
115	Prophylactic antibiotics for adults with chronic obstructive pulmonary disease: a network meta-analysis. <i>The Cochrane Library</i> , <b>2021</b> , 1, CD013198	5.2	5
114	Joining the Dots: Linking Disconnected Networks of Evidence Using Dose-Response Model-Based Network Meta-Analysis. <i>Medical Decision Making</i> , <b>2021</b> , 41, 194-208	2.5	2
113	Exploring Heterogeneity in Histology-Independent Technologies and the Implications for Cost-Effectiveness. <i>Medical Decision Making</i> , <b>2021</b> , 41, 165-178	2.5	3
112	On weakly informative prior distributions for the heterogeneity parameter in Bayesian random-effects meta-analysis. <i>Research Synthesis Methods</i> , <b>2021</b> , 12, 448-474	7.2	8
111	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. <i>Medical Decision Making</i> , <b>2021</b> , 272989X211029556	2.5	0
110	Cost-effectiveness of point-of-care creatinine testing to assess kidney function prior to contrast-enhanced computed tomography imaging. <i>European Journal of Radiology</i> , <b>2021</b> , 142, 109872	4.7	
109	Modelling approaches for histology-independent cancer drugs to inform NICE appraisals: a systematic review and decision-framework.. <i>Health Technology Assessment</i> , <b>2021</b> , 25, 1-228	4.4	1
108	Equivalence of entropy balancing and the method of moments for matching-adjusted indirect comparison. <i>Research Synthesis Methods</i> , <b>2020</b> , 11, 568-572	7.2	6
107	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. <i>Systematic Reviews</i> , <b>2020</b> , 9, 130	3	9
106	Multilevel network meta-regression for population-adjusted treatment comparisons. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , <b>2020</b> , 183, 1189-1210	2.1	17
105	Patient characteristics as effect modifiers for psoriasis biologic treatment response: an assessment using network meta-analysis subgroups. <i>Systematic Reviews</i> , <b>2020</b> , 9, 132	3	5

104	Psychological treatments for post-traumatic stress disorder in adults: a network meta-analysis. <i>Psychological Medicine</i> , <b>2020</b> , 50, 542-555	6.9	30
103	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults. <i>PLoS ONE</i> , <b>2020</b> , 15, e0232245	3.7	28
102	Point-of-care creatinine tests to assess kidney function for outpatients requiring contrast-enhanced CT imaging: systematic reviews and economic evaluation. <i>Health Technology Assessment</i> , <b>2020</b> , 24, 1-248	4.4	7
101	Joint synthesis of conditionally related multiple outcomes makes better use of data than separate meta-analyses. <i>Research Synthesis Methods</i> , <b>2020</b> , 11, 496-506	7.2	2
100	Primary surgical management of anterior pelvic organ prolapse: a systematic review, network meta-analysis and cost-effectiveness analysis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2020</b> , 127, 18-26	3.7	3
99	Cost-effectiveness of psychological interventions for children and young people with post-traumatic stress disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2020</b> , 61, 699-710	7.9	9
98	Infographic. How does exercise treatment compare with antihypertensive medications?. <i>British Journal of Sports Medicine</i> , <b>2020</b> , 54, 746-747	10.3	1
97	Assessing the performance of population adjustment methods for anchored indirect comparisons: A simulation study. <i>Statistics in Medicine</i> , <b>2020</b> , 39, 4885-4911	2.3	14
96	Layperson-Led vs Professional-Led Behavioral Interventions for Weight Loss in Pediatric Obesity: A Systematic Review and Meta-analysis. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2010364	10.4	4
95	Fluid and pharmacological agents for adhesion prevention after gynaecological surgery. <i>The Cochrane Library</i> , <b>2020</b> , 7, CD001298	5.2	4
94	Performance of model-based network meta-analysis (MBNMA) of time-course relationships: A simulation study. <i>Research Synthesis Methods</i> , <b>2020</b> , 11, 678-697	7.2	0
93	Research Review: Psychological and psychosocial treatments for children and young people with post-traumatic stress disorder: a network meta-analysis. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2020</b> , 61, 18-29	7.9	46
92	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults <b>2020</b> , 15, e0232245		
91	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults <b>2020</b> , 15, e0232245		
90	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults <b>2020</b> , 15, e0232245		
89	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults <b>2020</b> , 15, e0232245		
88	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults <b>2020</b> , 15, e0232245		
87	Cost-effectiveness of psychological treatments for post-traumatic stress disorder in adults <b>2020</b> , 15, e0232245		

86	Directly Acting Oral Anticoagulants for the Prevention of Stroke in Atrial Fibrillation in England and Wales: Cost-Effectiveness Model and Value of Information Analysis. <i>MDM Policy and Practice</i> , <b>2019</b> , 4, 2381468319866828	1.5	6
85	Venous thromboembolism prophylaxis strategies for people undergoing elective total knee replacement: a systematic review and network meta-analysis. <i>Lancet Haematology</i> , <b>2019</b> , 6, e530-e539	14.6	17
84	Venous Thromboembolism Prophylaxis Strategies for People Undergoing Elective Total Hip Replacement: A Systematic Review and Network Meta-Analysis. <i>Value in Health</i> , <b>2019</b> , 22, 953-969	3.3	3
83	Population Adjustment Methods for Indirect Comparisons: A Review of National Institute for Health and Care Excellence Technology Appraisals. <i>International Journal of Technology Assessment in Health Care</i> , <b>2019</b> , 35, 221-228	1.8	21
82	Modelling time-course relationships with multiple treatments: Model-based network meta-analysis for continuous summary outcomes. <i>Research Synthesis Methods</i> , <b>2019</b> , 10, 267-286	7.2	10
81	Threshold Analysis as an Alternative to GRADE for Assessing Confidence in Guideline Recommendations Based on Network Meta-analyses. <i>Annals of Internal Medicine</i> , <b>2019</b> , 170, 538-546	8	17
80	Representation of people with comorbidity and multimorbidity in clinical trials of novel drug therapies: an individual-level participant data analysis. <i>BMC Medicine</i> , <b>2019</b> , 17, 201	11.4	21
79	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. <i>British Journal of Sports Medicine</i> , <b>2019</b> , 53, 859-869	10.3	111
78	Assessing the consistency assumptions underlying network meta-regression using aggregate data. <i>Research Synthesis Methods</i> , <b>2019</b> , 10, 207-224	7.2	5
77	Graphs of study contributions and covariate distributions for network meta-regression. <i>Research Synthesis Methods</i> , <b>2018</b> , 9, 243-260	7.2	9
76	Different Methods for Modelling Severe Hypoglycaemic Events: Implications for Effectiveness, Costs and Health Utilities. <i>Pharmacoeconomics</i> , <b>2018</b> , 36, 523-532	4.4	2
75	Differences in relative and absolute effectiveness of oral P2Y inhibition in men and women: a meta-analysis and modelling study. <i>Heart</i> , <b>2018</b> , 104, 657-664	5.1	4
74	Methods for Population-Adjusted Indirect Comparisons in Health Technology Appraisal. <i>Medical Decision Making</i> , <b>2018</b> , 38, 200-211	2.5	111
73	Treatments for bulimia nervosa: a network meta-analysis. <i>Psychological Medicine</i> , <b>2018</b> , 48, 2629-2636	6.9	34
72	Sensitivity of treatment recommendations to bias in network meta-analysis. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , <b>2018</b> , 181, 843-867	2.1	20
71	<b>2018,</b>		98
70	Prophylactic antibiotics for adults with chronic obstructive pulmonary disease: a network meta-analysis. <i>The Cochrane Library</i> , <b>2018</b> ,	5.2	1
69	Dual combination therapy versus long-acting bronchodilators alone for chronic obstructive pulmonary disease (COPD): a systematic review and network meta-analysis. <i>The Cochrane Library</i> , <b>2018</b> , 12, CD012620	5.2	30

68	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. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2017</b> , 124, 1514-1523	3.7	35
67	Fixed-dose combination inhalers compared to long-acting bronchodilators for COPD: a network meta-analysis. <i>The Cochrane Library</i> , <b>2017</b> ,	5.2	1
66	Prevention of contrast-induced acute kidney injury in patients undergoing cardiovascular procedures-a systematic review and network meta-analysis. <i>PLoS ONE</i> , <b>2017</b> , 12, e0168726	3.7	19
65	Network meta-analysis including treatment by covariate interactions: Consistency can vary across covariate values. <i>Research Synthesis Methods</i> , <b>2017</b> , 8, 485-495	7.2	16
64	Oral anticoagulants for prevention of stroke in atrial fibrillation: systematic review, network meta-analysis, and cost effectiveness analysis. <i>BMJ, The</i> , <b>2017</b> , 359, j5058	5.9	235
63	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. <i>Health Technology Assessment</i> , <b>2017</b> , 21, 1-386	4.4	90
62	Optimal duration of dual antiplatelet therapy after drug eluting stent implantation: a network meta-analysis. <i>Anatolian Journal of Cardiology</i> , <b>2017</b> , 18, 251-260	0.8	2
61	Efficacy and safety of long-acting $\beta$ -agonist/long-acting muscarinic antagonist combinations in COPD: a network meta-analysis. <i>Thorax</i> , <b>2016</b> , 71, 15-25	7.3	84
60	A mixed treatment comparison for short- and long-term outcomes of bare-metal and drug-eluting coronary stents. <i>International Journal of Cardiology</i> , <b>2016</b> , 202, 448-62	3.2	4
59	Classes of antihypertensive agents and mortality in hypertensive patients with type 2 diabetes-Network meta-analysis of randomized trials. <i>Journal of Diabetes and Its Complications</i> , <b>2016</b> , 30, 1192-200	3.2	24
58	Absolute or relative effects? Arm-based synthesis of trial data. <i>Research Synthesis Methods</i> , <b>2016</b> , 7, 23-87.2	7.2	52
57	Which method is best for the induction of labour? A systematic review, network meta-analysis and cost-effectiveness analysis. <i>Health Technology Assessment</i> , <b>2016</b> , 20, 1-584	4.4	42
56	Methods to induce labour: a systematic review, network meta-analysis and cost-effectiveness analysis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2016</b> , 123, 1462-70	3.7	38
55	Data extraction for complex meta-analysis (DECIMAL) guide. <i>Systematic Reviews</i> , <b>2016</b> , 5, 212	3	57
54	A threshold analysis assessed the credibility of conclusions from network meta-analysis. <i>Journal of Clinical Epidemiology</i> , <b>2016</b> , 80, 68-76	5.7	17
53	Model-Based Network Meta-Analysis: A Framework for Evidence Synthesis of Clinical Trial Data. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2016</b> , 5, 393-401	4.5	28
52	Automated generation of node-splitting models for assessment of inconsistency in network meta-analysis. <i>Research Synthesis Methods</i> , <b>2016</b> , 7, 80-93	7.2	189
51	Heightened risk of false positives in a network meta-analysis of social anxiety--Author's reply. <i>Lancet Psychiatry</i> , <b>2015</b> , 2, 293-4	23.3	

50	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. <i>Systematic Reviews</i> , <b>2015</b> , 4, 34	3	15
49	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. <i>Curr Med Res Opin</i> 2014;30:613-27. <i>Current Medical Research and Opinion</i> , <b>2015</b> , 31, 51-2	2.5	1
48	A Bayesian framework to account for uncertainty due to missing binary outcome data in pairwise meta-analysis. <i>Statistics in Medicine</i> , <b>2015</b> , 34, 2062-80	2.3	25
47	Outcomes reported in trials of methods for the induction of labour. <i>Trials</i> , <b>2015</b> , 16,	2.8	3
46	The Cost-Effectiveness Of Novel Oral Anticoagulants For The Prevention Of Stroke In Atrial Fibrillation In England And Wales. <i>Value in Health</i> , <b>2015</b> , 18, A391-A392	3.3	2
45	Comparative efficacy and safety of anticoagulant strategies for acute coronary syndromes. Comprehensive network meta-analysis of 42 randomised trials involving 117,353 patients. <i>Thrombosis and Haemostasis</i> , <b>2015</b> , 114, 933-44	7	9
44	Labour Induction With Prostaglandins. <i>Obstetrical and Gynecological Survey</i> , <b>2015</b> , 70, 371-373	2.4	1
43	External validity of rct evidence in cost-effectiveness analyses. A review of recent technology appraisals for nice and proposed methods of adjustment. <i>Trials</i> , <b>2015</b> , 16,	2.8	78
42	The Cost Effectiveness of Psychological and Pharmacological Interventions for Social Anxiety Disorder: A Model-Based Economic Analysis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0140704	3.7	17
41	Simultaneous synthesis of treatment effects and mapping to a common scale: an alternative to standardisation. <i>Research Synthesis Methods</i> , <b>2015</b> , 6, 96-107	7.2	15
40	Extending Treatment Networks in Health Technology Assessment: How Far Should We Go?. <i>Value in Health</i> , <b>2015</b> , 18, 673-81	3.3	22
39	Labour induction with prostaglandins: a systematic review and network meta-analysis. <i>BMJ, The</i> , <b>2015</b> , 350, h217	5.9	69
38	Adhesion prevention agents for gynaecological surgery: an overview of Cochrane reviews. <i>The Cochrane Library</i> , <b>2015</b> , 1, CD011254	5.2	23
37	Exploring treatment by covariate interactions using subgroup analysis and meta-regression in cochrane reviews: a review of recent practice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128804	3.7	20
36	Long-acting inhaled therapy (beta-agonists, anticholinergics and steroids) for COPD: a network meta-analysis. <i>The Cochrane Library</i> , <b>2014</b> , CD010844	5.2	92
35	labour induction with prostaglandins: what works best? A systematic review, network meta-analysis and cost-effectiveness analysis. <i>Value in Health</i> , <b>2014</b> , 17, A505-6	3.3	1
34	Multi-Level Network Meta-Analysis To Account for Dose-Response and Class Effects. <i>Value in Health</i> , <b>2014</b> , 17, A578	3.3	
33	Dose-Response Network Meta-Analysis To Address Dose Heterogeneity In A Cost-Effectiveness Analysis In Acute Migraine. <i>Value in Health</i> , <b>2014</b> , 17, A563	3.3	



32	Impact of different training modalities on glycaemic control and blood lipids in patients with type 2 diabetes: a systematic review and network meta-analysis. <i>Diabetologia</i> , <b>2014</b> , 57, 1789-97	10.3	132
31	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. <i>Atherosclerosis</i> , <b>2014</b> , 233, 224-31	3.1	24
30	Adhesion prevention agents for gynaecological surgery: an overview of Cochrane reviews <b>2014</b> ,		1
29	No evidence of industry sponsorship bias in statin trials. <i>BMJ, The</i> , <b>2014</b> , 349, g6579	5.9	5
28	Psychological and pharmacological interventions for social anxiety disorder in adults: a systematic review and network meta-analysis. <i>Lancet Psychiatry, the</i> , <b>2014</b> , 1, 368-76	23.3	349
27	Fluid and pharmacological agents for adhesion prevention after gynaecological surgery. <i>The Cochrane Library</i> , <b>2014</b> , CD001298	5.2	24
26	Industry sponsorship bias in research findings: a network meta-analysis of LDL cholesterol reduction in randomised trials of statins. <i>BMJ, The</i> , <b>2014</b> , 349, g5741	5.9	34
25	Impact of long-term lifestyle programmes on weight loss and cardiovascular risk factors in overweight/obese participants: a systematic review and network meta-analysis. <i>Systematic Reviews</i> , <b>2014</b> , 3, 130	3	62
24	Percutaneous vertebroplasty and percutaneous balloon kyphoplasty for the treatment of osteoporotic vertebral fractures: a systematic review and cost-effectiveness analysis. <i>Health Technology Assessment</i> , <b>2014</b> , 18, 1-290	4.4	63
23	Extending methods for investigating the relationship between treatment effect and baseline risk from pairwise meta-analysis to network meta-analysis. <i>Statistics in Medicine</i> , <b>2013</b> , 32, 752-71	2.3	47
22	A meta-analysis of the use of 4% icodextrin solution to prevent adhesion formation after gynaecological surgery. <i>Gynecological Surgery</i> , <b>2013</b> , 10, 5-10	1.7	2
21	Evidence synthesis for decision making 2: a generalized linear modeling framework for pairwise and network meta-analysis of randomized controlled trials. <i>Medical Decision Making</i> , <b>2013</b> , 33, 607-17	2.5	713
20	Evidence synthesis for decision making 4: inconsistency in networks of evidence based on randomized controlled trials. <i>Medical Decision Making</i> , <b>2013</b> , 33, 641-56	2.5	407
19	Evidence synthesis for decision making 5: the baseline natural history model. <i>Medical Decision Making</i> , <b>2013</b> , 33, 657-70	2.5	55
18	Evidence synthesis for decision making 7: a reviewer's checklist. <i>Medical Decision Making</i> , <b>2013</b> , 33, 679-91	2.5	59
17	Evidence synthesis for decision making 6: embedding evidence synthesis in probabilistic cost-effectiveness analysis. <i>Medical Decision Making</i> , <b>2013</b> , 33, 671-8	2.5	37
16	Evidence synthesis for decision making 1: introduction. <i>Medical Decision Making</i> , <b>2013</b> , 33, 597-606	2.5	109
15	Impact of different training modalities on anthropometric and metabolic characteristics in overweight/obese subjects: a systematic review and network meta-analysis. <i>PLoS ONE</i> , <b>2013</b> , 8, e82853	3.7	85

14	Evidence synthesis for decision making 3: heterogeneity--subgroups, meta-regression, bias, and bias-adjustment. <i>Medical Decision Making</i> , <b>2013</b> , 33, 618-40	2.5	282
13	Endometriosis: an overview of Cochrane Reviews <b>2012</b> ,		5
12	Consolidated standards of reporting trials (CONSORT) and the completeness of reporting of randomised controlled trials (RCTs) published in medical journals. <i>The Cochrane Library</i> , <b>2012</b> , 11, MR000030	5.3	259
11	Selecting the best scale for measuring treatment effect in a network meta-analysis: a case study in childhood nocturnal enuresis. <i>Research Synthesis Methods</i> , <b>2012</b> , 3, 126-41	7.2	17
10	Accounting for correlation in network meta-analysis with multi-arm trials. <i>Research Synthesis Methods</i> , <b>2012</b> , 3, 142-60	7.2	51
9	Network meta-analysis with competing risk outcomes. <i>Value in Health</i> , <b>2010</b> , 13, 976-83	3.3	47
8	Estimation and adjustment of bias in randomized evidence by using mixed treatment comparison meta-analysis. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , <b>2010</b> , 173, 613-629	2.1	45
7	Study designs to detect sponsorship and other biases in systematic reviews. <i>Journal of Clinical Epidemiology</i> , <b>2010</b> , 63, 587-8	5.7	23
6	Consolidated standards of reporting trials (CONSORT) and the quality of reporting of randomized controlled trials <b>2010</b> ,		1
5	Checking consistency in mixed treatment comparison meta-analysis. <i>Statistics in Medicine</i> , <b>2010</b> , 29, 932-44	4.3	1157
4	Evaluating novel agent effects in multiple-treatments meta-regression. <i>Statistics in Medicine</i> , <b>2010</b> , 29, 2369-83	2.3	64
3	Bias in frequently reported analyses of subfertility trials. <i>Statistics in Medicine</i> , <b>2008</b> , 27, 5605-19	2.3	11
2	Evidence of improving quality of reporting of randomized controlled trials in subfertility. <i>Human Reproduction</i> , <b>2006</b> , 21, 2617-27	5.7	39
1	Long-term pituitary down-regulation before in vitro fertilization (IVF) for women with endometriosis. <i>The Cochrane Library</i> , <b>2006</b> , CD004635	5.2	124