

# Curriculum Vitae

## Anna Chaimani, PhD

### **PERSONAL INFORMATION**

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Date of Birth: 14 February 1986

Nationality: Greek

Address: Centre de Recherche Épidémiologie et Statistique (CRESS-U1153), METHODS Team  
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### **QUALIFICATIONS**

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September 2019: **Habilitation à Diriger des Recherches (accreditation for supervising PhD candidates)**

Faculty of Medicine, Université de Paris, France

May 2014: **PhD in Epidemiology & Biostatistics**

Department of Hygiene and Epidemiology, University of Ioannina School of Medicine, Greece

Thesis: “Investigating bias in network meta-analysis” (in English)

supervisor: Prof. Georgia Salanti

*Network meta-regression models for small-study effects and empirical evaluation of the impact of risk of bias in network meta-analysis, development of software and presentation tools for network meta-analysis*

January 2011: **MSc in Biostatistics**

School of Medicine & Department of Mathematics, National University of Athens, Greece (graduation with highest distinction)

Thesis: “Prognostic significance of EGFR gene copy number gain in NSCLC: a systematic review and meta-analysis” (in Greek)

June 2008: **BSc in Mathematics (hons. 4 years)**

Department of Mathematics, National University of Athens, Greece

**Languages:** Greek & English fluently, German & French intermediate

## **PROFESSIONAL EXPERIENCE**

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- January 2020 – present: **Chargé de Recherche – Inserm (Research Scientist with tenure, equivalent Rank B)**  
Research Centre of Epidemiology and Statistics (CRESS-U1153), Université de Paris, Inserm, France
- October 2016 – December 2019: **Senior Research Fellow (Chaire d'excellence - Université Sorbonne Paris Cité)**  
Research Centre of Epidemiology and Statistics (CRESS-U1153), Université de Paris, Inserm, France
- October 2015– November 2016: **Postdoctoral Research Associate in Epidemiology & Biostatistics**  
Department of Hygiene and Epidemiology, University of Ioannina School of Medicine, Greece  
*Working on the project "Optimizing therapy to prevent avoidable hospital admissions in the multimorbid elderly" [Horizon 2020 grant] ([www.operam-2020.eu](http://www.operam-2020.eu))*
- June 2014– September 2015: **Postdoctoral Research Associate in Epidemiology & Biostatistics**  
Department of Hygiene and Epidemiology, University of Ioannina School of Medicine, Greece  
*Working on the project "Missing outcome data in psychiatric trials & meta-analysis" ([missoptima.project.uoi.gr](http://missoptima.project.uoi.gr))*
- December 2010– May 2014: **Research Associate in Epidemiology & Biostatistics**  
Department of Hygiene and Epidemiology, University of Ioannina School of Medicine, Greece  
*Working on the projects "Integrating the multiple meta-analysis" [ERC Starting Grant] ([www.mtm.uoi.gr](http://www.mtm.uoi.gr)) and "Methods for comparing multiple interventions in Cochrane intervention reviews and overviews" [Methods Innovation Fund Project] ([www.cmim.cochrane.org](http://www.cmim.cochrane.org))*
- January 2009 – December 2009: **Research Assistant in Biostatistics**  
Harokopion University, Athens, Greece

## **VISITING FELLOWSHIPS**

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- April 2016– June 2016: **Visiting Fellowship funded by the Swiss National Foundation**  
hosted at Institute of Social and Preventive Medicine, University of Bern, Switzerland

*Working with Prof Georgia Salanti on a network meta-analysis assessing the comparative effectiveness and acceptability of first- and second-generation antidepressants in the acute treatment of major depression*

- June 2014: **Visiting Fellowship funded by the Methods Innovation Fund Program of the Cochrane Collaboration**  
 hosted at School of Social and Community Medicine, University of Bristol, UK  
*Working with Prof Julian Higgins and Dr Deborah Caldwell on drafting the chapter about network meta-analysis for the book "Cochrane Handbook for Systematic Reviews of Interventions"*

## **TEACHING**

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- Responsible for the modules on "Network Meta-analysis" (since 2016) and "Advanced Meta-analysis" (since 2019) in the MSc course "*Comparative effectiveness research*", *Université de Paris, France* (56h)
- Teaching Master students in the course "*Methods for Conducting Systematic Reviews and Meta-Analyses*", *Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health, March 2019, Baltimore, US* (3h)
- Teaching undergraduate students in the course "*Advanced Biostatistics*", *Faculty of Medicine, Paris Descartes University, Paris, France, since 2017* (3h)
- Teaching in the MSc course "*Pain Management*", *University of Ioannina School of Medicine, May 2014, Ioannina, Greece* (8h)
- Teaching in the MSc course "*Primary care*", *Thessaly University School of Medicine, May 2012, Larissa, Greece* (4h)
- Teaching undergraduate students in the courses "*Medical Mathematics and Biostatistics*" and "*Hygiene & Epidemiology*", *University of Ioannina School of Medicine, 2011-2014, Ioannina, Greece* (11h)

### **International courses and workshops:**

- Organizing the 3-day course: "*Network meta-analysis: from planning to publication*", *December 2019, Paris, France*
- Teaching in the Epidemiology and Population Health Summer Institute at Columbia University the two-day seminars "*Network meta-analysis*", "*Meta-analysis of observational studies*" and "*Systematic Reviews*", *annually since 2017, New York, US*
- Teaching in the "*GRADE workshop*" organized by Hospital Alemão Oswaldo Cruz and Brazilian Ministry of Health the new online application CINeMA (Confidence in Network Meta-Analysis), *April 2019, Brasilia, Brazil*
- Organizing and teaching the workshop "*Graphs to enhance understanding and improve interpretability of the evidence from network meta-analysis: a hands-on tutorial in Stata*", *presented at each annual Cochrane Colloquium, 2013-2016*
- Organizing and teaching the workshop "*Accounting for missing outcome data in meta-analysis*", *presented at each annual Cochrane Colloquium, 2014-2018*

- Organizing and teaching the workshop “Comparing multiple treatments with network meta-analysis”, *presented at each annual Cochrane Colloquium, 2016-2020*
- Organizing and teaching the workshop “Introduction to meta-analysis 3: Dealing with Heterogeneity”, *presented at each annual Cochrane Colloquium, 2011-2020*
- Teaching in the one-day pre-Colloquium workshop “Indirect comparisons and network meta-analysis in Cochrane Reviews”, *October 2015, Vienna, Austria*
- Teaching in the three-day course “How to appraise, interpret and publish a network meta-analysis”, *2014-2016, Oxford, UK*
- Teaching in the two-day Parallel Course on Network Meta-Analysis of the Cochrane mid-year meeting, *May 2015, Athens, Greece*
- Teaching in the Swiss Epidemiology Winter School the three-day seminar “Indirect comparisons and network meta-analysis: Evidence synthesis with multiple treatments”, *2014-2015, Wengen, Switzerland*

### **SUPERVISED THESES AND INTERNSHIPS**

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#### **PhD candidates:**

1. Theodoros Evrenoglou (thesis started in September 2019) - ED 393  
*“Dealing with sparse data in network meta-analysis”*
2. Chérifa Cheurfa (thesis started in October 2018) - ED 393  
*“Observational studies in network meta-analyses: The example of anaesthesiology”*

#### **MSc students:**

1. Sara Abboud, MSc Statistique, modélisation et sciences des données en santé, Université de Paris, France: *Evaluation of the impact of selective reporting of results in meta-analyses of RCTs: a meta-epidemiological study*, February 2021-August 2021
2. Maurice Zanetsie, MSc in Comparative Effectiveness Research, Paris Descartes University, France: *Evaluation of the impact of missing outcome data imputations in meta-analyses of aggregate data: a simulation study*, January 2019-July 2019
3. Eirini Pagkalidou, MSc in Comparative Effectiveness Research, Paris Descartes University, France: *Empirical evaluation of the impact of including inactive intervention arms in randomized trials and implications for network meta-analyses*, January 2018-July 2018
4. Kristen King, MSc of Public Health (MPH) in Epidemiology, Columbia University Mailman School of Public Health, New York, US: *The impact of control group risk in networks of interventions*, May 2017-July 2017
5. Krishna Bhavsar, MSc Méthodes en évaluation thérapeutique, Université Paris Diderot – Université Paris Descartes, France: *Validity of results obtained from industry-sponsored network meta-analyses: an empirical survey*, February 2017-July 2017

**RESEARCH GRANTS AND FELLOWSHIPS**

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March 2021 –

March 2024: **Horizon 2020 EU-wide Covid-19 vaccine trial network**  
 “VACCELERATE - European Corona Vaccine Trial Accelerator Platform”  
 Principal Investigator: Pr. Patrick Mallon, *Total amount: €12,000,000*  
Participation as participant

May 2020 –

May 2021: **Agence Nationale de la Recherche – AAP Flash Covid-19**  
 “Interventions for Covid-19 infection: a living mapping of research and a living network meta-analysis”  
 Principal Investigator: Pr. Isabelle Boutron, *Total amount: €120,000*  
Participation as co-investigator

January 2019 –

December 2022: **Assistance Publique – Hôpitaux de Paris (Clinical Research and Development Department)**  
 “Live cumulative network meta-analysis: Systemic pharmacological treatments for chronic plaque Psoriasis”  
 Principal Investigator: Dr. Emilie Sbidian, *Total amount: €115,000*  
Participation as co-investigator

March 2019 –

February 2021: **Washington University Institute of Clinical and Translational Sciences (ICTS) KL2 Career Development Awards Program**  
 Principal Investigator: Dr. Sonal Patil, *Total amount: \$150,000*  
Participation as mentor and project consultant

October 2016 –

December 2019: **Université Sorbonne Paris Cité (USPC): Chaire d’Excellence Fellowship**  
Principal Investigator: Dr. Anna Chaimani, *Total amount: €330,000*  
 Team METHODS, Center of Epidemiology and Statistics Sorbonne Paris Cité (CRESS-UMR1153)

April 2016 –

June 2016: **Swiss National Foundation: International Short Visits**  
 “Estimating the hierarchy of antidepressant drugs”  
Principal investigator: Dr. Anna Chaimani, Institute of Social and Preventive Medicine, University of Bern, *Total amount: CHF 9,000*

April 2015 –

April 2016: **Catalyst Grant: Methods in Post Market Drug Safety and Effectiveness Program**  
 “Estimation of the level of inconsistency among sources of evidence that are commonly

*found in published networks of trials”*

Principal Investigator: Dr. Andrea Tricco, St. Michael’s Hospital, Toronto, **Total amount: \$100,000**

Participation as external collaborator

## **MEMBERSHIP TO EDITORIAL BOARDS**

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- Associate Editor of *Research Synthesis Methods* (since 2020)
- Guest Editor for the special issue of *Research Synthesis Methods on Data Visualization* (2019-2020)
- Statistical editor for the *Cochrane Developmental, Psychological and Learning Problems Group* publishing in the *Cochrane Library* (since 2014)

## **PRIZES & AWARDS**

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- **Highly Cited Researchers Award, Web of Science**, 2020, Cross-Field
- **Distinction in the 4<sup>th</sup> Hellenic Forum of Public Health and Social Medicine**, November 2013 Athens, for the oral presentation “*Graphs for evaluating assumptions and presenting results in network meta-analysis*” and co-authors J.P.T. Higgins, D. Mavridis, P. Spyridonos, G. Salanti

## **SCIENTIFIC COMMITTEES**

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- Member of the steering committee of the COVID-NMA consortium, leading a living mapping and living network meta-analysis of Covid-19 studies (ongoing), <https://covid-nma.com/>
- Member of the Society for Research Synthesis Methodology (since 2019), <http://www.srsm.org>
- Co-convenor of the Cochrane Statistical Methods Group (since 2017), <http://smg.cochrane.org>
- Co-convenor of the Cochrane Comparing Multiple Interventions Methods Group (since 2016), <http://cmimg.cochrane.org>
- Member of the steering committee for extending the PRISMA statement in network meta-analysis (2012-2015)

## **OTHER SCIENTIFIC ACTIVITIES**

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- Application peer reviewer for the *UK Medical Research Council* and the *German Research Foundation*
- Statistical reviewer for the journals: *Statistics in Medicine*, *Biometrics*, *Research Synthesis Methods*, *BMC Medical Research Methodology*, *The Stata Journal*, *Medical Decision Making*, *BMJ*, *BMC Medicine*, *JAMA*, *Nature Human Behaviour*, *International Journal of Epidemiology*, *Journal of Clinical Epidemiology*, *Epidemiology*, *Value in Health*, *Plos One*, *Systematic Reviews*
- Statistical reviewer for several Cochrane Groups publishing in the *Cochrane Library*

## **INVITED TALKS**

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- Invited webinar at the US Cochrane Network, December 2020: *"The COVID-NMA project: Living mapping and synthesis of Covid-19 studies"*
- Invited talk at Biostatistics and Epidemiology Unit, Paris-Sud University, December 2019, Paris, France: *"Methods for network meta-analysis and ranking of treatments"*
- Invited talk at Center for Clinical Trials and Evidence Synthesis, Bloomberg School of Public Health, Johns Hopkins University, August 2016, Baltimore, US: *"Best treatments – Rankings in network meta-analysis"*
- Invited seminar at Institut of Social and Preventive Medicine, University of Bern, May 2016, Bern, Switzerland: *"Graphs to enhance understanding and improve interpretability of the evidence from network meta-analysis"*
- Invited talk at Mapi BV, January 2016, Houten, Netherlands: *"Undertaking network meta-analyses in Cochrane reviews"*
- Invited talk at Mapi BV, February 2015, Houten, Netherlands: *"Presenting network meta-analyses and ranking interventions"*
- Invited speaker at the Methods Symposium of the 21<sup>st</sup> Cochrane Colloquium, September 2013, Quebec City, Canada: *"Network meta-epidemiology: assessing the various impacts on the relative treatment effects and ranking of competing treatments"*
- Invited speaker at the 5<sup>th</sup> Hellenic Forum of Public Health and Social Medicine, November 2013, Thessaloniki, Greece: *"Evaluating the quality of methodology in network meta-analysis: a case study on treatments for generalized anxiety disorders"*

#### **PRESENTATIONS IN CONFERENCES (FIRST/LAST AUTHOR ONLY)**

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- Evrenoglou T, Mavridis D, Chaimani A. Network meta-analysis of rare events using penalized likelihood regression. *41<sup>th</sup> ISCB Annual Conference, August 2020, Krakow, Poland*
- Evrenoglou T, Mavridis D, Chaimani A. Penalized regression in network meta-analysis: A new approach for analyzing networks of interventions with rare events. *27<sup>th</sup> Cochrane Colloquium, October 2020, Toronto, Canada*
- Metelli S, Mavridis D, Chaimani A. Detecting outlying studies in Network Meta-analysis using Bayes factors. *41<sup>th</sup> ISCB Annual Conference, August 2020, Krakow, Poland*
- Metelli S, Mavridis D, Chaimani A. A Bayesian approach to detect outliers in Network Meta-analysis. *27<sup>th</sup> Cochrane Colloquium, October 2020, Toronto, Canada*
- Chaimani A, Mavridis D, Sbidian E, Porcher R, Ravaud P. Probability of selecting a treatment to recommend (POST-R): a new measure for ranking treatments in network meta-analysis. *26<sup>th</sup> Cochrane Colloquium, October 2019, Santiago, Chile*
- Chaimani A, Porcher R, Sbidian E, Ravaud P. Extending treatment ranking in network meta-analysis to account for clinical experience on treatment performance and credibility of the evidence. *39<sup>th</sup> ISCB Annual Conference, August 2018, Melbourne, Australia*
- Chaimani A, Porcher R, Sbidian E, Ravaud P. Extending treatment ranking in network meta-analysis to account for clinical experience on treatment performance and credibility of the evidence. *25<sup>th</sup> Cochrane Colloquium, September 2018, Edinburgh, UK*
- Chaimani A, Papakonstantinou T, Nikolakopoulou A, Higgins J, Del Giovane C, Egger M, Salanti G. CINeMA: a web application to evaluate the Confidence In Network Meta-Analysis results. *24<sup>th</sup> Cochrane Colloquium, September 2017, Cape Town, South Africa*

- Chaimani A, Porcher R, Ravaud P, Mavridis D. A novel method for modelling interactions between components of complex interventions in networks of randomised trials. *24<sup>th</sup> Cochrane Colloquium, September 2017, Cape Town, South Africa*
- Chaimani A, Petropoulou M, Nikolakopoulou A, Salanti G. A methodological systematic review of 456 published network meta-analyses. *24<sup>th</sup> Cochrane Colloquium, October 2016, Seoul, South Korea*
- Chaimani A, Salanti G. Exploring and accounting for the impact of interventions with scarce evidence in network meta-analysis. *23<sup>rd</sup> Cochrane Colloquium, October 2015, Vienna, Austria*
- Chaimani A, Salanti G. Investigating the impact of interventions with scarce evidence in network meta-analysis. *36<sup>th</sup> ISCB Annual Conference, August 2015, Utrecht, Netherlands*
- Chaimani A, Higgins JPT, Mavridis D, Spyridonos P, Salanti G. Graphs for evaluating assumptions and presenting results in network meta-analysis. *4<sup>th</sup> Hellenic Forum of Public Health and Social Medicine, November 2013, Athens, Greece*
- Chaimani A, Vasiliadis HS, Schmid CH, Salanti G. The impact of control group risk in the relative effectiveness of interventions estimated in network meta-regression. *34<sup>th</sup> ISCB Annual Conference, August 2013, Munich, Germany*
- Chaimani A, Vasiliadis HS, Schmid CH, Salanti G. The impact of control group risk in the relative effectiveness of interventions estimated in network meta-regression. *3<sup>rd</sup> Hellenic Forum of Public Health and Social Medicine, December 2012, Athens, Greece*
- Chaimani A, Schmid CH, Vasiliadis H, Salanti G. A meta-epidemiological approach for evaluating bias and small-study effects in networks of interventions. *19<sup>th</sup> Cochrane Colloquium, October 2011, Madrid, Spain*
- Chaimani A, Dahabreh I, Linardou H, Cappuzzo F, Papadimitriou C, et al. Prognostic significance of EGFR gene copy number gain in NSCLC: a systematic review and meta-analysis. *14<sup>th</sup> World Conference on Lung Cancer, July 2011, Amsterdam, Netherlands*

## **PUBLICATIONS**

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Google Scholar: [https://scholar.google.gr/citations?user=6\\_tyhP8AAAAJ&hl=en](https://scholar.google.gr/citations?user=6_tyhP8AAAAJ&hl=en)

Web of Science: <https://publons.com/researcher/533051/anna-chaimani>

<b>Impact of publications (Web of Science 07/04/2021)</b>	
Citations: 5461	h-index: 28

### **Doctoral Thesis:**

Chaimani Anna. Investigating bias in network meta-analysis. *Department of Hygiene & Epidemiology, University of Ioannina School of Medicine, May 2014, Ioannina, Greece* (available from <http://olympias.lib.uoi.gr/jspui/bitstream/123456789/5663/1/%CE%94.%CE%94.-%CE%A7%CE%91IMANH%20ANNA.pdf>).

### **Book chapters:**

1. Evrenoglou T, Metelli S, Chaimani A. Introduction to meta-analysis. In: *Principles and Practice of Clinical Trials*. Springer Nature Switzerland [to appear]



2. Chaimani A, Caldwell DM, Li T, Higgins J, Salanti G. Undertaking network meta-analyses (chapter 11). In: *Cochrane Handbook for Systematic Reviews of Interventions*. John Wiley & Sons, Ltd, 2019, p: 285-320
3. Salanti G, Caldwell DM, Chaimani A, Higgins JPT. Network meta-analysis: theory and applications. In: *Handbook of Health Services Research*. Springer US 2017: 1-38
4. Efthimiou O, Chaimani A, Mavridis D, Salanti G. Network meta-analysis. In: *Methods in Comparative Effectiveness Research*. Chapman & Hall/CRC Biostatistics Series 2016: 341
5. Cipriani A, Geddes J, Chaimani A, Leucht S, Salanti G. Chapter 15: State of the art reporting of network meta-analyses. In: *Network Meta-Analysis: Evidence Synthesis with Mixed Treatment Comparison*. Nova Science Publishers 2015; 245-262

### Published papers:

1. Chaimani A, Porcher R, Sbidian E, Mavridis D. A Markov Chain approach for ranking treatments in network meta-analysis. *Statistics in Medicine* 2021; 40(2):451-464.
2. Nikolakopoulou A, Chaimani A. More than words: Novel visualizations for evidence synthesis. *Research Synthesis Methods* 2021; 12(1):2-3
3. Ghosn L, Chaimani A, Evrenoglou T, Davidson M, Grana C, Schmucker C, et al. Interleukin-6 blocking agents for treating COVID-19: a living systematic review. *Cochrane Database of Systematic Reviews* 2021; 3:CD013881
4. Boutron I, Chaimani A, Meerpohl JJ, Hrobjartsson A, Devane D, Rada G, et al. The COVID-NMA Project: Building an Evidence Ecosystem for the COVID-19 Pandemic. *Annals of Internal Medicine* 2020; 173(12):1015-1017
5. Luo Y, Ostinelli EG, Sahker E, Chaimani A, Kataoka Y, Ogawa Y, et al. Antidepressant prescriptions have not fully reflected evolving evidence from cumulative network meta-analyses and guideline recommendations. *Journal of Clinical Epidemiology* [Epub ahead of print].
6. Chaimani A. Conduct and reporting of individual participant data network meta-analyses need improvement. *BMC Medicine* 2020; 18(1):1-2
7. Afach S, Chaimani A, Evrenoglou T, Penso L, Brouste E, Sbidian E, Le Cleach L. Meta-analysis results do not reflect the real safety of biologics in psoriasis. *British Journal of Dermatology* [Epub ahead of print]
8. Luo Y, Chaimani A, Furukawa TA, Kataoka Y, Ogawa Y, Cipriani A, Salanti G. Visualizing the evolution of evidence: Cumulative network meta-analysis of new generation antidepressants in the last 40 years. *Research Synthesis Methods* [Epub ahead of print]
9. Nikolakopoulou A, Higgins JPT, Papakonstantinou T, Chaimani A, Del Giovane C, Egger M, Salanti G. CINeMA: an approach for assessing confidence in the results of a network meta-analysis. *Plos Medicine* 2020; 17(4):e1003082
10. Metelli S, Chaimani A. Challenges in meta-analyses with observational studies. *Evidence-Based Mental Health* 2020; 23(2)
11. Kataoka Y, Luo Y, Chaimani A, Onishi A, Kimachi M, Tsujimoto Y, et al. Cumulative network meta-analyses, practice guidelines, and actual prescriptions for postmenopausal osteoporosis: a meta-epidemiological study. *Archives of Osteoporosis* 2020; 15(1):1-10
12. Vo TT, Porcher R, Chaimani A, Vansteelandt S. A novel approach for identifying and addressing case-mix heterogeneity in individual participant data meta-analysis. *Research Synthesis Methods* 2019; 10:582-596

13. Leucht S\*, Chaimani A\*, Mavridis D, Leucht C, Huhn M, Helfer B, Samara M, Cipriani A, Geddes JR, Davis JM. Where do drug-response and placebo-response disconnect in acute phase antipsychotic drug trials in schizophrenia? Meta-regression analysis. *Neuropsychopharmacology* 2019; 44(11):1955-1966 [\*joint first authors]
14. Chaimani A, Mavridis D, Higgins JPT, Salanti G, White I. Allowing for informative missingness in aggregate data meta-analysis with continuous or binary outcomes: extensions to metamiss. *The Stata Journal* 2018; 18(3): 716-740
15. Chaimani A, Ravaud P. Closing the gap between diagnostic test accuracy reviews and reporting guidelines: The PRISMA-Diagnostic Test Accuracy Statement. *Clinical Chemistry* 2018; 65:2
16. Schwingshackl L, Buyken A, Chaimani A. Network meta-analysis reaches nutrition research. *European Journal of Nutrition* 2018; 1-3
17. Mavridis D, Salanti G, Furukawa TA, Cipriani A, Chaimani A, White IR. Allowing for uncertainty due to missing and LOCF imputed outcomes in meta-analysis. *Statistics in Medicine* 2018; 38(5): 720-737
18. Cipriani A\*, Furukawa TA\*, Salanti G\*, Chaimani A, Atkinson LZ, Ogawa Y, et al. Comparative efficacy and acceptability of 21 antidepressant drugs for the acute treatment of adults with major depressive disorder: a systematic review and network meta-analysis. *The Lancet* 2018; 391:1357-1366 [\*joint first authors]
19. Salanti G, Chaimani A, Furukawa TA, Higgins J, Ogawa Y, Cipriani A, Egger M. Impact of placebo arms on outcomes in antidepressant trials: systematic review and meta-regression analysis. *International Journal of Epidemiology* 2018; 47(5):1454-1464
20. Schwingshackl L, Chaimani A, Hoffman G, Schwedhelm C, Boeing H. A network meta-analysis on the comparative efficacy of different dietary approaches on glycaemic control in patients with type 2 diabetes mellitus. *European Journal of Epidemiology* 2018; 1:14
21. Leucht S, Chaimani A, Leucht C, Huhn M, Mavridis D, Helfer B, et al. 60 years of placebo-controlled antipsychotic drug trials in acute schizophrenia: Meta-regression of predictors of placebo response. *Schizophrenia Research* 2018; 201:315-323
22. Schwingshackl L, Chaimani A, Schwedhelm C, Toledo E, Punsch M, Hoffmann G, Boeing H. Comparative effects of dietary approaches on blood pressure in hypertensive and pre-hypertensive patients: a systematic review and network meta-analysis. *Critical Reviews in Food Science and Nutrition* 2018; 1-14
23. Furukawa T, Cipriani A, Leucht S, Atkinson LZ, Ogawa Y, Takeshima N, Hayasaka Y, Chaimani A, Salanti G. Is placebo response in antidepressant trials rising or not? A reanalysis of datasets to conclude this long-lasting controversy. *Evidence-Based Mental Health* 2018; 21(1):1-13
24. Krause M, Zhu Y, Huhn M, Schneider-Thoma J, Bighelli I, Chaimani A, Leucht S. Efficacy, acceptability, and tolerability of antipsychotics in children and adolescents with schizophrenia: a network meta-analysis. *European Neuropsychopharmacology* 2018; 28(6):659-674
25. Papakonstantinou T, Nikolakopoulou A, Rucker G, Chaimani A, Schwarzer G, Egger M, Salanti G. Estimating the contribution of studies in network meta-analysis: paths, flows and streams. *F1000Research* 2018; 7
26. Cipriani A, Salanti G, Furukawa TA, Egger M, Leucht S, et al. Antidepressants might work for people with major depression: where do we go from here? *Lancet Psychiatry* 2018; 5(6):461-463
27. Chaimani A, Caldwell DM, Li T, Higgins JPT, Salanti G. Additional considerations are required when preparing a protocol for a systematic review with multiple interventions. *Journal of Clinical Epidemiology* 2017; 83:65-74

28. Chaimani A, Salanti G, Leucht S, Geddes JR, Cipriani A. Common pitfalls and mistakes in the set up, analysis and interpretation of results in network meta-analysis: what clinicians should look for in a published article. *Evidence-Based Mental Health* 2017; 20(3):88-94
29. Schwingshackl L, Boeing H, Stelmach-Mardas M, Gottschald M, Dietrich S, Hoffmann G, Chaimani A. Dietary supplements and risk of cause-specific death, cardiovascular disease, and cancer: a systematic review and meta-analysis of primary prevention trials. *Advances in Nutrition* 2017; 8(1):27-39
30. Créquit P, Chaimani A, Yavchitz A, Attiche N, Cadranel J, Trinquart L, Ravaud P. Comparative efficacy and safety of second-line treatments for advanced non-small cell lung cancer with wild-type or unknown status for epidermal growth factor receptor: a systematic review and network meta-analysis. *BMC Medicine* 2017; 15(1): 193
31. Brunoni AR, Chaimani A, Moffa AH, Gattaz WF, Daskalakis ZJ, Carvalho AF. Repetitive transcranial magnetic stimulation for the acute treatment of major depressive episodes: a network meta-analysis. *JAMA Psychiatry* 2017; 74(2):143-152
32. Sbidian E, Chaimani A, Garcia-Doval I, Do G, Hua C, et al. Systemic pharmacological treatments for chronic plaque psoriasis: a network meta-analysis. *Cochrane Database of Systematic Reviews* 2017; CD011535
33. Zarin W, Veroniki AA, Nincic V, Vafaei A, Reynen E, Motiwala SS, Antony J, Sullivan SM, Rios P, Daly C, Ewusie J, Petropoulou M, Nikolakopoulou A, Chaimani A, Salanti G, Straus SE, Tricco A. Characteristics and knowledge synthesis approach for 456 network meta-analyses: a scoping review. *BMC Medicine* 2017; 15(1):3
34. Leucht S, Leucht C, Huhn M, Chaimani A, Mavridis D, Helfer B, et al. Sixty years of placebo-controlled antipsychotic drug trials in acute schizophrenia: systematic review, Bayesian meta-analysis and meta-regression of efficacy predictors. *American Journal of Psychiatry* 2017; 174(10):927-942
35. Petropoulou M, Nikolakopoulou A, Veroniki AA, Rios P, Vafaei A, Zarin W, Giannatsi M, Sullivan S, Tricco AC, Chaimani A, Egger M, Salanti G. Bibliographic study showed improving statistical methodology of network meta-analyses published between 1999 and 2015. *Journal of Clinical Epidemiology* 2017; 82:28-28
36. Zhu YK, Krause M, Huhn M, Rothe P, Schneider-Thoma J, Chaimani A, Li C, Davis JM, Leucht S. Antipsychotic drugs for the acute treatment of patients with a first episode of schizophrenia: systematic review, pairwise and network meta-analysis. *Lancet Psychiatry* 2017; 4(9): 694-705
37. Desborough M, Hadjinicolaou AV, Chaimani A, Trivella M, Vyash P, et al. Alternative agents to prophylactic platelet transfusion for preventing bleeding in people with thrombocytopenia due to chronic bone marrow failure: a meta-analysis and systematic review. *Cochrane Database of Systematic Reviews* 2017; 12(1): 103-111
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