

## Evangelos (Evan) Kontopantelis, PhD

Year of birth:	1976
Current job title:	Reader in Biostatistics and Health Services Research
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Nationality:	UK and Greek (EU)

I am a Biostatistician and Health Services Researcher contributing across numerous departments and centres within the University of Manchester (UoM): Centres for Health Informatics, Primary Care, Health Economics, Biostatistics, Brain Behaviour and Mental Health, and Pharmacoepidemiology and Drug Safety. My work is internationally acknowledged and has led to collaborations with numerous researchers around the world. I would like to think that my direct involvement across various research centres within the UoM practically facilitates multidisciplinary collaboration, and such collaboration networks can be argued to drive the future of health sciences research.

My background and skills in computational statistics, along with my expertise in the organisation of health services has made me an ideal fit for structures that aim to harness and utilise the information revolution that is currently occurring in the NHS and many other health care systems around the world. In the company of excellent colleagues I have led but also supported world-leading research, evaluating the performance of certain aspects of health care and analysing how to make cost-effective improvements.

My expertise in both statistics and health services research allows me to lead a wide range of research projects, methodological or applied. Thus, I can apply state of the art methods in a very challenging data-intensive context to answer important clinical questions but also develop from scratch the methodological tools need for such analyses, if needed. I have led or collaborated on numerous applied research projects that have used Electronic Health Records since 2008 (e.g. in suicide and self-harm, severe mental illness, medication safety, health service organisation or cost-effectiveness). Thus, I have developed a deep understanding of these unique databases and I am considered an international expert in analysing them. I have been repeatedly invited to collaborate on international projects and to present my research, while in 2016 I was appointed as member of the Medicines and Healthcare products Regulatory Agency (MHRA) Independent Scientific Advisory Committee (ISAC). My expertise in these areas of research also allows me to support and develop the next generation of computational statisticians / health informaticians within the UoM. Another area of interest is meta-analysis (the synthesis of published evidence), and I have also developed an international reputation in this field through various highly cited publications and software.

The applied research colleagues and myself are conducting is often published in high impact factor journals, is picked up by the media and leads to changes in the organisation of health services and eventually improves the experiences of patients and/or leads to improvements in efficiency. In September 2017 I had been cited 4422 times in 105 peer reviewed publications (20 as leading author and 9 as senior author). Twenty-one of these publications were in high impact factor journals (IF>10): 10 in the BMJ (IF=16.3), 3 in the NEJM (IF=55.9), 2 in the Lancet (IF= 45.2), 1 in JAMA Psychiatry (IF=14.4), 1 in JAMA Internal Medicine (IF=14.0), 1 in the European Heart Journal (IF=15.2), 1 in Circulation (IF=14.4), 1 in the Annals of Neurology (IF=10.0), 1 in the Archives of General Psychiatry (IF=14.5). Despite the fact I am funded to

conduct applied research, I have driven the publication of 15 methodological papers (as first or last author) since 2009, focusing on primary care databases and meta-analysis.

I am also a firm believer in the practical application of advanced statistical methods and I strive to support my methodological contributions with user-friendly software to be used by researchers and students. I have coded advanced statistical methods (existing or ones I developed) in complete easy to use packages for “out-of-the-box” use by novice users of statistical software.

I have successfully led or collaborated on numerous funded projects (funding total £10,508,304). In recognition of my unique profile and background, which brings together computational statistics and health services research, the NIHR School for Primary Care Research (SPCR) offered me a 3-year fellowship in 2010. My research output and impact during and after the fellowship has been repeatedly highlighted by the organisation as exceptional by Professor Richard Hobbs, head of the Nuffield Department of Primary Care Health Services, University of Oxford, and head of the NIHR SPCR. Thus, I am being used as an example of the success of the fellowship scheme to motivate new fellows to whom I also provide training.

### Knowledge Areas

- Biostatistics
- Simulations
- Meta-analysis
- Bootstrapping methods
- Structural Equation Modelling
- Randomised Controlled Trials
- Data mining techniques
- Applied mathematics
- Pattern recognition
- Signal processing
- Time series analysis
- Interrupted time series
- Artificial Neural networks
- Feature Extraction techniques
- Algorithms (theory, applications)
- Large databases in health care




### Information Technology Skills

- Expert knowledge of Stata and its scripting language
- Very good knowledge of SPSS, SAS, R and other statistical software (including their scripting languages)
- Expert use of Visual Basic for Applications (VBA) with MS Excel and Access
- Database / Large dataset management with Stata and MS Access (VBA and SQL)
- Advanced knowledge of MATLAB
- Excellent knowledge of Structural Equation modeling software (AMOS, LISREL, EQS, Stata)
- Various other programming languages (Visual Basic, C, C++, Java, Pascal, Basic, Python)
- Expert in Microsoft Office and LaTeX
- Good knowledge of web design, and diagramming software (e.g. MS Visio)
- Reference Manager & EndNote
- Image and Video processing
- Creating/implementing online surveys

### Other Skills

- Staff Training
- Public speaking
- Tutoring
- Academic writing
- Composition of help guides / course material on mathematical or programming issues

## Education

2001-2004	Ph.D. in Computer Engineering, National Technical University of Athens, Department of Electrical & Computer Engineering, Information Technology Section. Thesis: <b>An application of statistics, artificial neural networks and dynamic measures in psychiatric diagnosis.</b>	
1999-2001	M.Sc. in Computer Engineering, N.T.U.A., Department of Electrical & Computer Engineering, Information Technology Section. The course included 4 undergraduate and 6 post-graduate modules (including Artificial Neural Networks, Algorithms & Complexity, Game Theory and Data Structures), as part of the PhD. The overall grade was 9/10, 'excellent'.	
1994-1998	Degree in Statistical Science, University of Piraeus (grade: 7.4/10, in top 10%). Focused on Biostatistical courses, Multivariate Analysis and Stochastic Processes.	
1990-1994	1 <sup>st</sup> Nikea Lyceum (grade: 18.5/20). Admitted to almost any Greek University after achieving an overall grade of 17.2/20 in national entry examinations.	

## Citations and indices (Google scholar 08/09/2017)

<p><i>All</i></p> <ul style="list-style-type: none"> <li>• Citations: 4447</li> <li>• h-index: 30</li> <li>• i10-index: 56</li> </ul>	<p><i>Since 2012</i></p> <ul style="list-style-type: none"> <li>• Citations: 3252</li> <li>• h-index: 29</li> <li>• i10-index: 54</li> </ul>
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## Professional Experience

From - To	Employer	Title
6/2016– present	Centre for Health Informatics, University of Manchester	Reader in biostatistics and health services research (Full time)
10/2012– 6/2016	Centre for Health Informatics, University of Manchester	Senior fellow in biostatistics and health services research (Full time)
08/2005– 10/2012	Centre for Primary Care Research, University of Manchester	Research associate/fellow in biostatistics (Full time)
07/2003 – 02/2005	Hellenic Army, Research & Informatics Corps	Reserve Officer of the Hellenic Army (Full time, compulsory military service)
09/1999 – 05/2003	Eginitio Hospital of Mental Illnesses	Scientific Associate (Part time)
09/2002 – 05/2003	Computermania computer school	MS Office and Pascal Instructor (Part time)
08/1998 – 06/2005	Filomatheia preparatory school	Instructor in mathematics & algorithms (Part time)

**Research funding (total=£10,508,304)**

<b>Role</b>	<b>Cost (£)</b>	<b>Length (months)</b>	<b>Start</b>	<b>Details</b>
Co-investigator	962,077	60	Jan 2018	Wellcome Investigator award in Humanities & Social Science: "Re-engineering Health Policy Research for Fairer Decisions and Better Health"
Co-investigator, lead for largest work-package	1,929,622	48	Sep 2017	NIHR Health Services and Delivery Research Programme: "Evaluating the NHS Diabetes Prevention Programme (NHS DPP): the DIPLOMA research programme (Diabetes Prevention – Long term Multimethod Assessment)"
Principal investigator	327,361	30	Mar 2017	NIHR School for Primary Care Research Project: "Quantifying severity of chronic conditions in English Primary Care using the Clinical Practice Research Datalink".
Co-investigator	249,983	42	Jan 2017	North Staffordshire Medical Institute grant award: "Major bleeding complications following acute myocardial infarction, site, frequency and impact; insight from a national and primary care perspective".
Co-investigator	516,997	24	Sep 2016	HS&DR Project 14/156/16: "Enhancing the credibility, usefulness and relevance of patient experience data in services for people with long-term physical and mental health conditions using digital data capture and improved analysis of narrative data".
Co-principal investigator	122,661	18	Mar 2016	NIHR School for Primary Care Research Project: "Characterising the primary care population with frailty to better stratify and target healthcare interventions".
Co-investigator	47,923	12	Jan 2016	Clinical pharmacy research grant award (UKCPA-PRUK): "Evaluation of pharmacy TECHnician supported MEDication administration rounds (TECHMED) on reducing omitted doses: a randomised controlled trial and process evaluation in a university teaching hospital".
Co-investigator	218,495	48	Jan 2015	Diabetes UK grant: "Relationship of prescribing to change in cardiovascular risk in patients with diabetes: results of longitudinal

**Research funding (total=£10,508,304)**

				within-cohort analyses of population-based data".
Co-investigator	141,486	24	May 2014	National Awareness and Early Diagnosis Initiative (NAEDI) grant: "Development of a risk prediction tool for early cancer detection in patients with type-2 diabetes".
Principal investigator	174,761	18	Jan 2014	National Institute for Health Research (NIHR) grant "An analytical framework for increasing the efficiency and validity of research using primary care databases".
Co-investigator	92,074	12	Jan 2013	National Institute for Health Research (NIHR) grant to investigate the effectiveness of collaborative care in patients with depression and co-morbid physical disease using meta-analysis and meta-regression
Co-investigator	203,513	18	Oct 2013	Policy Research Commissioning (round 5) grant to investigate self-harm in primary care patients using the Clinical Practice Research Datalink (CPRD) database
Principal investigator	96,839	18	July 2012	National Institute for Health Research (NIHR) grant to investigate the effect of financial incentives in the quality of care provided to patients with severe mental illness
Co-investigator	98,794	18	July 2012	National Institute for Health Research (NIHR) grant to investigate the validity of primary care databases
Principal investigator	62,043	18	July 2012	National Institute for Health Research (NIHR) grant to investigate diabetes care, exception reporting and indicator withdrawal under the Quality and Outcomes Framework (QOF)
Co-investigator (PI for Manchester)	4,028,700 (203,824)	66	Jan 2012	National Institute for Health Research (NIHR) grant to investigate cancer diagnosis decision rules
Co-investigator	341,264	27	Feb 2012	National Institute for Health Research (NIHR): "From evidence to practice: addressing the translation gap for complex interventions in primary care".

**Research funding (total=£10,508,304)**

Co-investigator	122,480	24	Jan 2012	National Awareness and Early Diagnosis Initiative (NAEDI): "Cancer screening utilisation among patients with type 2 diabetes".
Co-investigator	70,515	9	Jan 2011	Department of Health funded study to investigate the introduction of the English directly enhanced service for learning disability
Co-investigator	30,000	24	Dec 2011	Medical Research Council (MRC) protocol application to investigate the effects of bariatric surgery using General Practice Research Database (GPRD) data
Co-investigator	46,000	12	Jan 2009	National Institute for Health Research (NIHR) grant, aiming to investigate the impact of the Quality and Outcome Framework on the management of depression
Co-investigator	1,000,000	48	May 2009	Tender for the Supply of Quality and Outcomes Framework Indicator Services, with the National Institute for Health and Clinical Excellence (NICE). A four year project, providing support in the development of new indicators for the Quality and Outcomes Framework (QOF)
Co-investigator	NA	54	Aug 2005	Projects under the National Primary Care Research and Development Centre (NPCRDC) core grant

**Personal funding and consultancy work**

- NIHR (National Institute for Health Research) School of Primary Care Research Training Fellowship, 2010-2013. The fellowship, which covered over 90% of my salary, gave me the opportunity to freely expand my horizons in any aspect of health research and to actively seek external collaborations.
- Consultant for the MHRA Independent Scientific Advisory Committee (ISAC), which evaluates proposals to use the Clinical Practice Research Datalink (CPRD).
- Research support for the successful NIHR post-doctoral fellowship proposal of Dr Manish Pareek. I was asked to be involved because of my international reputation with observational studies and interrupted time-series analyses. The project investigates whether promoting testing by GPs will increase the number of migrants accepting tests for a range of illnesses. The project was costed at £561,213, over 36 months with a starting date of 01/10/2015.
- Statistical editor for PLOS ONE (2015 – ongoing)
- Statistical consultant for the University Hospital of Erlangen (2012 – ongoing).
- Statistical consultant for the Radboud University Nijmegen (2007 – ongoing).
- Statistical consultant for the University of Amsterdam (2012 – 2015).
- Statistical consultant for Which magazine, 2012.
- Statistical consultant for the CADET clinical trial, University of Exeter, 2012.
- Statistical consultant for Quality and Outcomes Framework related projects, University of Birmingham, 2011-2012.

### Personal funding and consultancy work

- Statistical consultant for the University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School, 2009.
- National Technical University of Athens, partial scholarship, 1999-2004.

### Methodological Journal Papers

1. Springate DA, Parisi R, Olier I, Reeves D and **Kontopantelis E**. rEHR: An R package for manipulating and analysing Electronic Health Record data. *PLOS ONE*, 2017 Feb; 12(2): e0171784. doi:10.1371/journal.pone.0171784
2. **Kontopantelis E**, White I, Sperrin M and Buchan I. Outcome sensitive multiple imputation: a simulation study. *BMC Medical Research Methodology*, 2017 Jan; 17(1):2 doi: 10.1186/s12874-016-0281-5
3. **Kontopantelis E**, Parisi R, Reeves D and Springate DA. Longitudinal multiple imputation approaches for Body Mass Index: the mibmi command. *BMC Research Notes*, 2017 Jan; 10:41 doi: 10.1186/s13104-016-2365-z
4. **Kontopantelis E**, Springate DA, Parisi R and Reeves D. Simulation-based power calculations for mixed effects modelling: ipdpower in Stata. *JSS*, 2016 Oct; 74(12) doi: 10.18637/jss.v074.i12
5. Olier I, Springate DA, Ashcroft DM, Doran T, Reeves D, Reilly S and **Kontopantelis E**. Modelling conditions and health care processes in Electronic Health Records: an application to Severe Mental Illness with the Clinical Practice Research Datalink. *PLOS ONE*, 2015 February; 11(2):e0146715. doi:10.1371/journal.pone.0146715.
6. Stevens S, Valderas JM, Doran T, Perera R and **Kontopantelis E**. Analysing performance indicators measured as percentage scores: the use of empirical logit transformations to account for floor and ceiling effects. *British Medical Journal*, 2016 March; 352i1114 doi: <http://dx.doi.org/10.1136/bmj.i1114>
7. **Kontopantelis E**, Doran T, Springate DA, Buchan I and Reeves D. Regression based quasi-experimental approach when randomisation is not an option: interrupted time series analysis. *British Medical Journal*, 2015;350:h2750
8. Kicinski M, Springate DA and **Kontopantelis E**. Publication bias in meta-analyses from the Cochrane Database of Systematic Reviews. *Statistics in Medicine*, 2015 May; doi: 10.1002/sim.6525.
9. **Kontopantelis E**. A greedy algorithm for representative sampling: repsample in Stata. *Journal of Statistical Software*, 2013 Nov; 55(1): 1-19.
10. **Kontopantelis E** and Reeves D. A short guide and a forest plot command (*ipdforest*) for one-stage meta-analysis. *The Stata Journal*, 2013 Oct; 13(3): 574-587.
11. **Kontopantelis E**, Springate D, Reeves D. A re-analysis of the Cochrane Library data: the dangers of unobserved heterogeneity in meta-analyses. *PLOS ONE*, 2013 July; 8(7): e69930. doi:10.1371/journal.pone.0069930.
12. **Kontopantelis E** and Reeves D. Performance of statistical methods for meta-analysis when true study effects are non-normally distributed: A comparison between DerSimonian–Laird and restricted maximum likelihood (letter). *Statistical Methods in Medical Research*, 2012 Dec; 21(6): 657-659. doi: 10.1177/0962280211413451
13. **Kontopantelis E** and Reeves D. Performance of statistical methods for meta-analysis when true study effects are non-normally distributed: A simulation study. *Statistical Methods in Medical Research (first published online on December 9, 2010)*, 2012 Aug; 21(4): 409-426. doi: 10.1177/0962280210392008
14. **Kontopantelis E** and Reeves D. metaan: random effects meta-analysis. *The Stata Journal*, 2010 Oct; 10(3): 395-407.
15. **Kontopantelis E** and Reeves D. MetaEasy: A meta-analysis add-in for Microsoft Excel. *Journal of Statistical Software*, 2009 Apr; 30(7):1-25.
16. Reeves D, Campbell S, Adams J, Shekelle P, **Kontopantelis E**, Roland M. Combining multiple indicators of clinical quality: an evaluation of different analytic approaches. *Medical Care*, 2007 Jun; 45(6): 489-496.

### Selected Clinical Journal Papers (first author OR last author OR high IF)

17. Buchan I\*, **Kontopantelis E\***, Sperrin M, Chandola T and Doran T. North-South disparities in English mortality 1965-2015: longitudinal population study. *Journal of Epidemiology & Community Health*, 2017 August; 71(9):jech-2017-209195. doi: 10.1136/jech-2017-209195. \*joint first authors
18. Panagioti M, Panagopoulou E, Bower P, Lewith G, **Kontopantelis E**, Chew-Graham C, Dawson S, van Marwijk H, Geraghty K and Esmail A. Controlled interventions to reduce burnout in physicians: a systematic review and meta-analysis. *JAMA Internal Medicine*, 2016 Dec doi: 10.1001/jamainternmed.2016.7674
19. Panagioti M, Bower P, **Kontopantelis E** et al. Association between chronic physical conditions and the effectiveness of collaborative care for depression: an individual participant data meta-analysis. *JAMA Psychiatry*, 2016 Sep 1;73(9): 978-89 doi: 10.1001/jamapsychiatry.2016.1794.
20. Ryan AM, Krinsky S, **Kontopantelis E** and Doran T. Long-term evidence for the effect of pay-for-performance by primary carers on population mortality in the United Kingdom: a population study. *The Lancet*, 2016 May doi: 10.1016/S0140-6736(16)00276-2.
21. Mamas M, Nolan J, de Belder MA, Zaman A, Kinnaird T, Curzen N, Kwok CS, Buchan I, Ludman PF and **Kontopantelis E**. Changes in Arterial Access Site and Association With Mortality in the United Kingdom: Observations From a National Percutaneous Coronary Intervention Database. *Circulation*, 2016 March 11 doi: 10.1161/CIRCULATIONAHA.115.018083
22. **Kontopantelis E**, Springate DA, Ashcroft DM, Valderas JM, Van der veer S, Reeves D, Guthrie B and Doran T. Associations between exemption and survival outcomes in the UK's primary care pay-for-performance programme: a retrospective cohort study. *BMJ Qual Saf* 2015 doi:10.1136/bmjqs-2015-004602
23. **Kontopantelis E**, Olier I, Planner C, Reeves D, Ashcroft DM, Gask L, Doran T and Reilly S. Primary care consultation rates among people with and without severe mental illness: a UK cohort study using the Clinical Practice Research Datalink. *BMJ Open* 2015;5:e008650 doi:10.1136/bmjopen-2015-008650
24. Reilly S, Olier I, Planner C, Doran T, Reeves D, Ashcroft DM, Gask L and **Kontopantelis E**. Inequalities in physical co-morbidity: a longitudinal comparative observational study of people with severe mental illness in the UK. *BMJ Open* 2015;5:e009010 doi:10.1136/bmjopen-2015-009010
25. Stocks J, **Kontopantelis E**, Akbarov A, Rodgers S, Avery AJ, and Ashcroft DM. Examining variations in prescribing safety in UK general practice: a cross-sectional study using the Clinical Practice Research Datalink. *British Medical Journal*, 2015;351:h550
26. Kwok CS, **Kontopantelis E**, Myint PK, Zaman A, Berry C, Keavney B, Nolan J, Ludman PF, de Belder MA, Buchan I and Mamas M. Stroke Following Percutaneous Coronary Intervention: Type-specific incidence, outcomes and determinants seen by the British Cardiovascular Intervention Society 2007-2012. *European Heart Journal*, Apr 2015; doi:10.1093/eurheartj/ehv113
27. Heussinger N, **Kontopantelis E** et al. Oligoclonal bands predict multiple sclerosis in children with optic neuritis. *Annals of Neurology*, 2015 Mar doi:10.1002/ana.24409.
28. **Kontopantelis E**, Springate DA, Ashworth M, Webb RT, Buchan I and Doran T. Investigating the relationship between quality of primary care and premature mortality in England: a spatial whole-population study. *British Medical Journal*, 2015;350:h904 doi: <http://dx.doi.org/10.1136/bmj.h904>.
29. **Kontopantelis E**, Springate DA, Reeves D, Ashcroft DM, Rutter M, Buchan I and Doran T. Glucose, blood pressure and cholesterol levels and their relationships to clinical outcomes in type 2 diabetes: a retrospective cohort study. *Diabetologia*, 2014 Dec.doi: 10.1007/s00125-014-3473-8.
30. Doran T, **Kontopantelis E**, Reeves D, Sutton M, and Ryan AM. Setting performance targets in pay for performance programmes: what can we learn from QOF. *British Medical Journal*, 2014;348:g1595. doi: 10.1136/bmj.g1595.
31. **Kontopantelis E**, Springate DA, Reeves D, Ashcroft DM, Valderas JM and Doran T. Withdrawing Performance Indicators: Retrospective Analysis of General Practice Performance Under the UKs Quality and Outcomes Framework. *British Medical Journal*, 2014;348:g330. doi: 10.1136/bmj.g330.



### Selected Clinical Journal Papers (first author OR last author OR high IF)

32. **Kontopantelis E**, Buchan I, Reeves D, Checkland K and Doran T. Relationship Between Quality of Care and Choice of Clinical Computing System: Retrospective Analysis of Family Practice Performance Under the UK's Quality and Outcomes Framework. *BMJ Open*;3:e003190. doi:10.1136/bmjopen-2013-003190.
33. Molassiotis A, Stamatakis Z and **Kontopantelis E**. Development of a risk prediction model for chemotherapy-related nausea and vomiting. *Supportive Care in Cancer*, 2013 Oct;21(1): 2759-67; doi: 10.1007/s00520-013-1843-2
34. Doran T and **Kontopantelis E**. Pay-for-performance: impact on diabetes. *Current Diabetes Reports*, 2013 Apr; 13(2): 196-204. doi:10.1007/s11892-012-0351-y
35. Bower P, **Kontopantelis E** et al. Who should get low-intensity treatments for depression? An individual patient data meta-analysis. *British Medical Journal*, 2013 Feb; 346. doi: <http://dx.doi.org/10.1136/bmj.f540>
36. **Kontopantelis E**, Reeves D, Valderas JM, Campbell S and Doran T. Recorded quality of primary care for patients with diabetes in England before and after the introduction of a financial incentive scheme: longitudinal observational study. *BMJ Quality and Safety*, 2013 Jan;22(1):53-64 doi:10.1136/bmjqs-2012-001033
37. **Kontopantelis E**, Doran T, Gravelle H, Goudie R, Siciliani L and Sutton M. Family doctor responses to changes in incentives for influenza immunization under the Quality and Outcomes Framework pay-for-performance scheme. *Health Services Research*, 2012 Jun; 47(3): 1117:1136.
38. Doran T, **Kontopantelis E**, Fullwood C, Lester H, Valderas J and Campbell S. Exempting dissenting patients from pay-for-performance schemes: an analysis of exception reporting in the UK Quality and Outcomes Framework. *British Medical Journal*, 2012 Apr; 344: e2405.
39. Webb RT, **Kontopantelis E**, Doran T, Qin P, Creed F, Kapur N. Suicide risk in primary care patients with major physical diseases: a case-control study. *Arch Gen Psychiatry*, 2012 Mar; 69(3):256-264.
40. Doran T, **Kontopantelis E**, Valderas JM, Campbell S, Roland M, Salisbury C and Reeves D. Effect of financial incentives on incentivised and non-incentivised clinical activities: longitudinal analysis of data from the UK Quality and Outcomes Framework. *British Medical Journal*, 2011 June; 342: d3590.
41. **Kontopantelis E**, Roland M and Reeves D. Patient experience of access to primary care: identification of predictors in a national patient survey. *BMC Family Practice*, 2010 Sep, 11:61.
42. Reeves D, Doran T, Valderas JM, **Kontopantelis E**, Trueman P, Sutton M, Campbell S and Lester H. How to identify when a performance indicator has run its course. *British Medical Journal*, 2010 Apr; 340: c1717.
43. Campbell S, Reeves D, **Kontopantelis E**, Sibbald B and Roland M. Effects of Pay for Performance on the Quality of Primary Care in England. *New England Journal of Medicine*, 2009 Jul; 361(4): 368-378. doi:10.1056/NEJMsa0807651
44. Doran T, Fullwood C, **Kontopantelis E** and Reeves D. The effect of financial incentives on inequality in the delivery of primary clinical care in England. *The Lancet*, 2008 Aug; 372(9640):728-36.
45. Campbell S, Reeves D, **Kontopantelis E**, Middleton E, Sibbald B and Roland M. Improvements in clinical quality in English primary care before and after the introduction of the pay per performance scheme: longitudinal study. *New England Journal of Medicine*, 2007 Jul; 357(2): 181-190.
46. Doran T, Fullwood C, Gravelle H, Reeves D, **Kontopantelis E** Hiroeh U and Roland M. Pay-for-performance programs in family practices in the United Kingdom. *New England Journal of Medicine*, 2006 Aug; 355(4): 375-384.

### Other Clinical Journal Papers

47. Zhong VW, Juhaeri J, Cole SR, **Kontopantelis E**, Shay CM, Gordon-Larsen P, and Mayer-David EJ. Incidence and Trends in Hypoglycemia Hospitalization in Adults With Type 1 and Type 2 Diabetes in England, 1998–2013: A Retrospective Cohort Study. *Diabetes Care*, 2017 July; doi: 10.2337/dc16-2680.
48. Holroyd EW, Sirker A, Kwok CS **Kontopantelis E**, Ludman PF, DeBelder M, Butler R, Cotton J, Zaman A and Mamas M. The relationship of Body Mass Index to Percutaneous

### Other Clinical Journal Papers

- Coronary Intervention Outcomes. *JACC Cardiovascular Interventions*, 2017 July; 10(13):1283-1292. doi: 10.1016/j.jcin.2017.03.013.
49. Heal CF, Banks JL, Lepper P, **Kontopantelis E**, and van Driel M. Meta-analysis of randomised and quasi-randomised clinical trials of topical antibiotics after primary closure for the prevention of surgical-site infection. *British Journal of Surgery*, 2017 June; 104(9). doi: 10.1002/bjs.10588
  50. Williams R, **Kontopantelis E**, Buchan I and Niels P. Clinical code set engineering for reusing HER data for research: A review. *Journal of Biomedical Informatics*, 2017 June; 70:1-13. doi: 10.1016/j.jbi.2017.04.010.
  51. Carr MJ, Ashcroft DM, **Kontopantelis E**, While D, Awenat Y, Cooper J, Chew-Graham C, Kapur N and Webb RT. Premature death among primary care patients with a history of self-harm. *Annals of Family Medicine*, 2017 May/June; 15:246-254. doi: 10.1370/afm.2054.
  52. Stocks SJ, **Kontopantelis E**, Webb RT, Avery AJ, Burns A and Ashcroft DM. Antipsychotic prescribing to patients diagnosed with dementia without a diagnosis of psychosis in the context of national guidance and drug safety warnings: longitudinal study in UK general practice. *Drug Safety*, 2017 April. doi: 10.1007/s40264-017-0538-x
  53. Lowrie R, Mcconnachie A, Williamson AE, **Kontopantelis E**, Forrest M, Lannigan N, Mercer SW and Mair F. Incentivised chronic disease management and the inverse equity hypothesis: findings from a longitudinal analysis of Scottish primary care practice-level data. *BMC Medicine*, 2017 April; 15(1):77. doi: 10.1186/s12916-017-0833-5.
  54. Iqbal J, Kwok CS, **Kontopantelis E**, DeBelder M, Ludman PF, Large A, Butler R, Gamal A, Kinnaird T, Zaman A and Mamas M. Choice of stent for Percutaneous Coronary Intervention of saphenous vein grafts. *Circulation Cardiovascular Interventions*, 2017 April; 10(4):e004457. doi: 10.1161/CIRCINTERVENTIONS.116.004457
  55. Hulme W, Sperrin M, **Kontopantelis E**, Ratib K, Ludman PF, Sirker A, Kinnaird T, Curzen N, Kwok CS, DeBelder M, Nolan J and Mamas M. Increased radial access is not associated with worse femoral outcomes for PCI in the United Kingdom. *Circulation Cardiovascular Interventions*, 2017 Feb; 10(2):e004279. doi: 10.1161/CIRCINTERVENTIONS.116.004279
  56. Wright AK, **Kontopantelis E**, Emsley R, Buchan I, Sattar N, Rutter MK, Ashcroft DM. Life expectancy and cause-specific mortality in type 2 diabetes: a population-based cohort study quantifying relationships in ethnic subgroups. *Diabetes Care*, 2016 Dec. doi: 10.2337/dc16-1616
  57. Laurant M, van der Biezen M, Wijers N, Watananirun K, **Kontopantelis E**, van Vught AJAH. Substitution of doctors by nurses in primary care. *Cochrane Database of Systematic Reviews* 2017, Issue 2 Art.No.: CD001271; doi: 10.1002/14651858.CD001271.pub
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101. Cornford CS, Buchanan K, Reeves D, **Kontopantelis E**, Mason J, Thornton-Jones H, Williamson M, Baer L, Sibbald B. A survey of primary and specialised health care provisions to prisons in England and Wales. *Primary Health Care Research & Development*, 2008 Mar; 9:126-135.
102. Papageorgiou CC, Alevizos B, Ventouras E, **Kontopantelis E**, Uzunoglu N, Christodoulou G. Psychophysiological correlates of patients with delusional misidentification syndromes and psychotic major depression. *Journal of Affective Disorders*. 2004 Aug; 81(2):147-52.
103. Papageorgiou C, Oulis P, Vasios C, **Kontopantelis E**, Uzunoglu N, Rabavilas A, Christodoulou GN. P300 alterations in schizophrenic patients experiencing auditory hallucinations. *European Neuropsychopharmacology*. 2004 May; 14(3):227-36.
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- controlled study with auditory P600 correlates. *Journal of Neurology, Neurosurgery & Psychiatry*. 2003 Sep; 74(9):1231-5.
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### Official Reports

1. Richards DA, Bower P, Chew-Graham C, Gask L, Lovell K, Cape J, Pilling S, Araya R, Kessler D, Barkham M, Bland JM, Gilbody S, Green C, Lewis G, Manning C, **Kontopantelis E**, Hill JJ, Hughes-Morley A, Russel A. Clinical and cost-effectiveness of collaborative care for depression in UK primary care (CADET): cluster randomised controlled trial. *NIHR end of project report, October 2015*.
  2. Appleby L, Kapur N, Shaw J, Windfuhr J, While D, Webb RT, Ashcroft DM, **Kontopantelis E**. Suicide in primary care in England: 2002-2011. National Confidential Inquiry into Suicide and Homicide by People with Mental Illness (NCISH). *University of Manchester, March 2014*.
  3. Chauhan U, Reeve J, **Kontopantelis E**, Hinder S, Nelson P, Doran T. Impact of English Directly Enhanced Service (DES) for Learning Disability. *Centre for Primary Care Research, final report to the Department of Health, December 2011*.
  4. Sutton M, Goudie R, **Kontopantelis E**. Estimation of relative needs for primary medical services based on QOF conditions. *NPCRDC, final report to the Department of Health, December 2010*.
  5. Goudie R, Gravelle H, **Kontopantelis E**, Siciliani L, Sutton M. Provider Incentives for Community Immunisation. *NPCRDC, final report to the Department of Health, October 2010*.
  6. **Kontopantelis E**, Reeves D. Patient Satisfaction with Primary Care: An analysis of the 2007-08 GP Patient Survey data. *NPCRDC, final report to the Department of Health, January 2009*.
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### Software

1. **Kontopantelis E** (2015). PCDSEARCH. An add-on command for the Stata statistical software package, for the analysis of electronic health records. Facilitates searching the very long lookup files accompanying Primary Care Databases (PCDs) to identify relevant clinical codes (usually Read codes in the UK) and product codes.
  2. **Kontopantelis E**, Springate DA, Parisi R and Reeves D (2015). IPDPOWER. An add-on meta-analysis command for the Stata statistical software package. Uses simulations to calculate power for complex mixed effects designs.
  3. **Kontopantelis E**, Parisi R, Reeves D and Springate DA (2015). MIBMI. An add-on multiple imputation command for the Stata statistical software package. Uses regression modelling to impute BMI values across multiple datasets.
  4. Springate DA and **Kontopantelis E** (2014). Cochrane scraper: tools for downloading data from the Cochrane Library of Systematic Reviews. Available from [https://github.com/DASpringate/Cochrane\\_scraper](https://github.com/DASpringate/Cochrane_scraper).
  5. **Kontopantelis E** (2013). REPSAMPLE. A representative sampling greedy algorithm for the Stata statistical software package. Allows users to select a sample that is as representative as possible, on key characteristics, from a population.
  6. **Kontopantelis E** and Reeves D (2012). IPDFOREST. An add-on meta-analysis command for the Stata statistical software package. Provides a forest plot and study effects for individual patient data meta-analyses.
  7. **Kontopantelis E** and Reeves D (2010). METAAN. An add-on meta-analysis command for the Stata statistical software package. Allows users to select more advanced and better performing methods than the standard DerSimonian-Laird random-effects model.
  8. **Kontopantelis E** and Reeves D (2010). METAEFF. An add-on meta-analysis command for the Stata statistical software package. Aids users in calculating the effect sizes from a wide variety of reported statistics.
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## Software

9. **Kontopantelis E** and Reeves D (2009). META-EASY. Excel-based program for undertaking meta-analysis. Includes methods not available in most other packages. The program is free and has gained popularity with novice meta-analysts and I support through my personal website.
10. **Kontopantelis E** (2008). SKNOR. Stata module to generate a sample from a normal or skewed (skew-normal) distribution.
11. **Kontopantelis E** (2008). SKBIM. Stata module to generate a sample from a bimodal distribution using normal or skewed (skew-normal) unimodal distributions.

## Presentations (invited)

1. **Kontopantelis E**. Pitfalls of systematic reviews and meta-analyses. *Invited plenary talk for the 11<sup>th</sup> World Congress of Controversies in Neurology (CONy), Athens, March 2017.*
2. **Kontopantelis E**. Regression based quasi-experiment when randomisation is not an option: interrupted time-series analysis. *Invited talk for the Royal Statistical Society (RSS) annual conference, Manchester, September 2016.*
3. **Kontopantelis E**. Analysing primary care data: a synergy of health informatics and traditional statistics. *Invited talk for the Royal Statistical Society (RSS) annual conference, Manchester, September 2016.*
4. **Kontopantelis E**. Analysing databases of Electronic Health Records: challenges, promises and limitations. *Invited workshop for the Health - Exploring Complexity: an interdisciplinary systems approach conference (HEC2016), Munich, August 2016.*
5. **Kontopantelis E**. Primary care databases: challenges with analysing Electronic Health Records. *Invited talk for Medical School of the University of Exeter, June 2016.*
6. **Kontopantelis E**. Primary care databases and other resources of routinely collected data: Challenges and examples. *Invited talk for the Evidence Synthesis Network, Manchester, February 2016 and for the External Seminar Series of the University of Manchester's Centre for Biostatistics, March 2016.*
7. **Kontopantelis E** and Booth H. Secondary data analyses. *Invited talk for the NIHR Obesity Call Research Workshop, London, January 2016.*
8. **Kontopantelis E**. Primary Care data signposting: CPRD, THIN and other databases. *Invited talk for the School for Primary Care Research Trainees' meeting, Oxford, October 2015.*
9. **Kontopantelis E**, Springate DA, Ashworth DM, Webb RT, Buchan I and Doran T. Investigating the relationship between quality of primary care and premature mortality in England: a spatial whole-population study. *Invited talk for the Health & Social Care Information Centre public board meeting, January 2015; invited seminar at the University of York, April 2015; orally presented in the Society of Academic Primary Care (SAPC) annual conference, Oxford, July 2015; orally presented in the Health - Exploring Complexity: an interdisciplinary systems approach conference (HEC2016), Munich, August 2016.*
10. **Kontopantelis E**, Springate D and Reeves D. Software and model selection challenges in meta-analysis: model assumptions, heterogeneity and individual patient data. *Invited seminar for researchers and students of the Attikon Hospital of Athens, June 2014, and of the Athens University of Economics and Business, October 2014.*
11. **Kontopantelis E**, and Reeves D. Performing Individual Patient Data meta-analyses. *Invited seminar for researchers and students of the University of Amsterdam, November 2012.*
12. **Kontopantelis E**, Doran T and Reeves D. Effect of Financial Incentives on Incentivised and Non-Incentivised Clinical Activities: Utilising Primary Care Databases to answer clinical, policy and methodological questions. *Plenary talk at the NIHR School of Primary Care Research Showcase, London 2012.*
13. Reeves D and **Kontopantelis E**. The methodological minefield of evaluating the Quality and Outcomes Framework. *Invited talk in quarterly Royal Statistical Society (RSS) Primary Care Study Group meeting, London 2011.*
14. **Kontopantelis E**, Reeves D. Patient Satisfaction with Primary Care: An analysis of the 2007-08 GP patient survey data. *Orally presented in the annual conference of the Society of Academic Primary Care (SAPC), St. Andrews 2009. Selected in the top 3*

### Presentations (invited)

*papers of the conference and was re-presented (invited) in the Royal College of General Practitioners (RCGP) annual conference, Glasgow 2009.*

### Presentations (peer reviewed)

15. **Kontopantelis E.** Outcome-sensitive multiple imputation: a simulation study. *Orally presented in the Royal Statistical Society (RSS) annual conference, Manchester, September 2016.*
16. **Kontopantelis E,** and Jill Stocks. Examining variations in prescribing safety in UK general practice: a cross-sectional study using the Clinical Practice Research Datalink. *Orally presented in the Health - Exploring Complexity: an interdisciplinary systems approach conference (HEC2016), Munich, August 2016.*
17. **Kontopantelis E,** Springate DA, Reeves D, Ashcroft DM, Rutter M, Buchan I and Doran T. Glucose, blood pressure and cholesterol levels and their relationships to clinical outcomes in type 2 diabetes: a retrospective cohort study. *Orally presented in the Society of Academic Primary Care (SAPC) annual conference, Oxford 2015.*
18. **Kontopantelis E,** Springate D and Reeves D. A re-analysis of the Cochrane Library data: the dangers of unobserved heterogeneity in meta-analyses. *Orally presented in the annual national conference of the Royal Statistical Society (RSS), Newcastle 2013; in the 35<sup>th</sup> Annual Conference of the International Society for Clinical Biostatistics (ISCB35), Vienna 2014; and in the Health - Exploring Complexity: an interdisciplinary systems approach conference (HEC2016), Munich, August 2016.*
19. Valderas JM, **Kontopantelis E,** Springate DA, Reeves D, Ashcroft DM, and Doran T. Withdrawing Performance Indicators: Retrospective Analysis of General Practice Performance Under the UKs Quality and Outcomes Framework. *Orally presented in the Society of Academic Primary Care (SAPC) annual conference, Edinburgh 2014.*
20. **Kontopantelis E,** Buchan I, Reeves D, Checkland K and Doran T. The Relationship between Quality of Care and Choice of Clinical Computing System: Retrospective Analysis of Family Practice Performance under the UK Quality and Outcomes Framework. *Orally presented in the Society of Academic Primary Care (SAPC) annual conference, Nottingham 2013 and in the 30th International Conference of the International Society for Quality in Health Care (ISQua), Edinburgh 2013.*
21. **Kontopantelis E,** Doran T, Fullwood C, Lester H, Valderas J and Campbell S. Exempting dissenting patients from pay-for-performance schemes: a retrospective analysis of exception reporting in the UK Quality and Outcomes Framework. *Orally presented in the Society of Academic Primary Care (SAPC) annual conference, Glasgow 2012.*
22. **Kontopantelis E,** Reeves D, Valderas J, Campbell S and Doran T. Quality of primary care for patients with diabetes in England before and after the introduction of a financial incentive scheme: longitudinal observational study. *Poster presented in the Society of Academic Primary Care (SAPC) annual conference, Glasgow 2012.*
23. Chauhan U, **Kontopantelis E** and Doran T. Are Health Checks for learning disability leading to improved outcomes?: Analysis of General Practice data. *Orally presented in the Society of Academic Primary Care (SAPC) annual conference, Glasgow 2012.*
24. **Kontopantelis E** and Reeves D. A short guide and a forest plot command (ipdforest) for one-stage meta-analysis. *Orally presented in the annual national conference of the Royal Statistical Society (RSS), Telford 2012.*
25. Molassiotis A, Stamatakis Z and **Kontopantelis E.** Development of a risk prediction model for chemotherapy-related nausea and vomiting. *Orally presented in the Multinational Association of Supportive Care in Cancer (MASCC) International Symposium, Athens 2011.*
26. **Kontopantelis E,** Goudie R, Gravelle H, Siciliani L and Sutton M. Investigating the effect of provider incentives for influenza immunization: a longitudinal study. *Orally presented in the Society of Academic Primary Care (SAPC) North conference, Kendal 2010.*
27. **Kontopantelis E,** Roland M and Reeves D. Evidence from the UK GP patient survey: predictors of patient satisfaction and positive experience with access to primary care. *Orally presented in the 27<sup>th</sup> International Conference of the International Society for Quality in Health Care (ISQua), Paris 2010.*



### Presentations (peer reviewed)

28. Reeves D, **Kontopantelis E** and Doran T. Adjusting for different kinds of covariates in a complex multi-level regression analysis: a case study using General Practice Research Database data on patient consultations in primary care. *Orally presented in the annual national conference of the Royal Statistical Society (RSS), Brighton 2010.*
29. Valderas JM, **Kontopantelis E**, Doran T, Reeves D, Salisbury C, Sutton M, Roland M, Lester H and Campbell S. The impact of multimorbidity on exception reporting in the Quality and Outcomes Framework. *Orally presented in the Society of Academic Primary Care (SAPC) annual conference, Norwich 2010.*
30. Reeves D, **Kontopantelis E** and Doran T. Are non-incentivized activities neglected by physicians subject to financial incentives? Evidence from the U.K.'s Quality and Outcomes Framework. *Orally presented in the Society of Academic Primary Care (SAPC) annual conference, Norwich 2010.*
31. **Kontopantelis E**, Doran T, Valderas JM, Campbell S, Roland M, Salisbury C and Reeves D. Investigating the impact of the Quality and Outcomes Framework on the quality of incentivised and non-incentivised aspects of primary care. *Orally presented in the Health Services Research Network Research Group (HSRN) annual conference, Manchester 2010.*
32. **Kontopantelis E**, Campbell S, Reeves D and Roland M. Impact of the Quality and Outcomes Framework pay-for-performance scheme on quality of English primary care: an interrupted time series analysis. *Orally presented in the North American Primary Care Research Group (NAPCRG) annual conference, Montreal 2009.*
33. **Kontopantelis E**, Doran T, Reeves D, Valderas JM and Roland M. Investigating the impact of the Quality and Outcomes Framework on the quality of primary care. *Orally presented in the annual national conference of the Royal Statistical Society (RSS), Edinburgh 2009.*
34. **Kontopantelis E**, Reeves D. A comparison of Random Effects meta-analysis methods when study effects are non-normally distributed. *Orally presented in the annual national conference of the Royal Statistical Society (RSS), Nottingham 2008.*
35. **Kontopantelis E**, Doran T, Reeves D, Valderas JM, Roland M. Trends in quality of care for diabetes before and after the introduction of the UK pay-for-performance scheme. *Orally presented in the 25<sup>th</sup> International Conference of the International Society for Quality in Health Care (ISQua), Copenhagen 2008.*
36. **Kontopantelis E**, Doran T, Campbell S and Reeves D. Clinical quality in English primary care before and after the introduction of the Quality & Outcomes Framework. *Orally presented in the 2nd Annual Research Meeting of the NHS Confederation, Sheffield 2007.*
37. **Kontopantelis E**, Campbell S, Reeves D. Use of the Team Climate Inventory (TCI) questionnaire in General Practice: response rates and reliability. *Orally presented in SSPC, SAPC and RSS Primary Care Epidemiology and Organisation of Care Conference, Edinburgh 2006.*
38. Mouzak A, Agathos P, **Kontopantelis E**, Alevra A, Kouvardas S, Vogiatzakis E, Vourdeli-Giannakoura E. Creative phosphokinase and lactic dehydrogenase serum levels in Greek stroke patients. Relation to clinical outcome. A preliminary report. *Abstract presented in the 9th Congress of European Federation of Neurological Societies, Athens 2005.*
39. Mouzak A, Agathos P, **Kontopantelis E**, Mouzak B, Vourdeli-Giannakoura E. Hyperamylasemia in Greek stroke patients. Is there an association with disease outcome? A preliminary study: P2098. *European Journal of Neurology Supplement. 11 Supplement 2:211, September 2004. Abstract presented in the 8th Congress of European Federation of Neurological Societies, Paris 2004.*

### Extensive courses

- International Primary Care Research Leadership Programme: cohort #10; Nuffield Department of Primary Care and Health Sciences, Oxford; Residential meeting, 12-17 July 2015 and 12-15 September 2016.
- Bayesian Analysis, MCMC and WinBUGS; MRC Biostatistics Unit, Cambridge, 6-8 May 2009.

### Extensive courses

- Randomised Controlled Trials Course: a guide to design, analysis and interpretation and reporting; Oriel College, Oxford; 26-30 March 2007.

### Memberships and honours

- Professional member to MHRA Independent Scientific Advisory Committee (ISAC)
- Fellow of the Royal Statistics Society.
- Secretary of the Royal Statistical Society (RSS) Manchester local group committee.
- Honorary Research Fellow of the University Hospital of Erlangen, Germany.
- Member of the Cochrane Collaboration Individual Participant Data Meta-analysis Methods Group.
- Member of the Cochrane Collaboration Statistical Methods Group.

### Teaching

- Contributing to the online Masters in Public Health (MPH) as a tutor since 2008.
- Supervising one to two students per annum on MPH dissertations.
- Marking two to four MPH dissertation, per annum.
- Supervising up to five PhD students, at any time.
- Supporting Centre for Biostatistics with the “biostats clinics”, guiding medical students with their fourth year project option.
- Writing or contributing to blogs <http://goo.gl/dMd0xu> and <https://goo.gl/1bnHJB>

### Managerial / Contribution to Uni and Department

- Postgraduate Research (PGR) trainer in quantitative methods for the Institute of Population Health, University of Manchester.
- Supervising and mentoring researchers and PhD candidates in the Institute of Population Health, University of Manchester.
- Generated software to automate medical student ranking on their academic achievements. The process is transparent, has been communicated to the students and is currently in use by the Faculty (2011).
- Organised the Centre for Primary Care weekly seminars from 01/2010 to 06/2011

### Service as a referee/editor

- Consultant-grade reviewer for the NIHR
- Reviewer for the Clinical Practice Research Datalink (CPRD) through the independent Scientific Advisory Committee (ISAC)
- Statistical editor for the Cochrane Wounds group
- Statistical editor and reviewer (consultant) for PLOS ONE
- Associate editor for BMC Public Health
- Associate editor for the Journal of the Academy of Nutrition and Dietetics
- Editorial board member of Statistical Methods in Medical Research
- Peer reviewer for Journals (alphabetically): Addiction, Advances in Therapy, American Heart Association Statements, American Journal of Preventive Medicine, BMC Endocrine Disorders, BMC Family Practice, BMC Health Services Research, BMC Medical Informatics and Decision Making, BMC Musculoskeletal Disorders, BMC Nursing, BMC Public Health, BMC Research Notes, the [British Medical Journal](#), the British Journal of General Practice, the [British Journal of Psychiatry](#), BMJ Open and BMJ Quality and Safety, the [Canadian Medical Association Journal](#), the Cochrane Colloquium, Chronic Illness, Contemporary Clinical Trials, Current Medical Research & Opinion, [Diabetes Care](#), [Diabetologia](#), Gene, Emerging Themes in Epidemiology, the European Journal of General Practice, the European Journal of Health Economics, Health Expectations, Health Policy, Health Services Research, Health & Social Care in the Community, the International Journal for Quality in Health Care, the International Journal of Environmental Research and Public Health, JACC Intervention,, the Journal of Affective Disorders, the Journal of the American Medical

### Service as a referee/editor

Informatics Association, the Journal of Biomedical Informatics, [the Journal of Clinical Epidemiology](#), the Journal of Cardiovascular Diabetology, the Journal of Diabetes and Its Complications, the Journal of Health Services Research & Policy, [the Journal of Investigative Dermatology](#) the Journal of Public Health, [the Journal of the Royal Statistical Society](#), Medical Research Archives, Methods of Information in Medicine, Nephrology Dialysis Transplantation, [Neuropsychopharmacology](#), Palliative Medicine, Research Synthesis Methods, the Scandinavian Journal of Primary Health Care, Scientific Reports, Social Science and Medicine, the Stata Journal, Statistical Methods in Medical Research, Statistics in Medicine, Systematic Reviews.

- Peer reviewer for funders (alphabetically): Cancer Research UK, the Chief Scientist Office (CSO) of Scotland, the CLAHRC (Collaboration for Leadership in Applied Health Research and Care) Wessex, the Engineering and Physical Sciences Research Council (EPSRC), the Health Research Board of Ireland, the Health Research Council of New Zealand, the MRC biomedical informatics fellowship scheme, the MRC health systems research initiative, the MRC Methodology Research programme, the MRC Skills Development programme, the National Health and Medical Research Council of Australia, the NIHR Fellowship Programme, the NIHR Health Technology Assessment Programme, the NIHR Journals Library Publications, the NIHR Public Health Research (PHR) Programme, the NIHR Research for Patient Benefit (RfPB) Programme, NHS Greater Glasgow & Clyde.

### Languages

- Greek – Native language.
- English – Excellent.
- French – Basic oral skills.