Christopher Oldmeadow

B, Mathematics(Hons), PhD.

Dr Oldmeadow is the Director of the Clinical Research Design, IT and Statistical Support (CReDITSS) Unit at HMRI. Dr Oldmeadow is an applied statistician with an international reputation for managing, maintaining and analysing large complex health related data sets. He oversees statistical consultancy projects from various fields of research, including Cancer, Stroke, Cardiology, Respiratory, Public Health, and Health Services. He has a strong track-record in co-ordinating the analytic plans of research projects. He has years of experience as the statistical leader for the design, analysis and data management of clinical studies, ranging from Pilot/Phase1 through to Phase 4, and across the spectrum of translational research.

Dr Oldmeadow’s methodological expertise spans a broad range of experimental settings such as single arm trials, parallel group, cross-over, stepped-wedge; biomarker and diagnostic studies; as well as observational studies, registries and linked administrative data sets. He is also actively researching statistical methodologies in biostatistics in the areas of causal modelling, missing data, and Bayesian statistics.

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# ***Education***

2009 **PhD. (Statistics)** Queensland University of Technology

Thesis title: Latent Variable Models in Statistical Genetics;

Overview: Developed and generalised methodologies for the analysis of genetic data with latent structure. Results from the analysis of DNA sequences from animal genomes provide a new paradigm for identifying novel functional genetic elements.

2005 **Bachelor of Mathematics (Honors),** University of Newcastle

Thesis: Short DNA sequence signal recognition

Overview: My thesis investigated current methodologies for detecting signals in short DNA sequences, such as variable length Markov models for capturing dependencies of varying order that are known to exist in such sequences.

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# ***Work Experience***

2018-present **Director:**  Clinical Research Design, IT and Statistical Services, Hunter Medical Research Institute.

2013-2018 **Senior Statistician.** Clinical Research Design, IT and Statistical Services, School of Medicine and Public Health, Hunter Medical Research Institute.

2009-2013 **HMRI Postdoctoral Research Fellow.** School of Medicine and Public Health, University of Newcastle.

Overview: Statistical consultancy and research in genetic epidemiology

2011-2014 **Casual Lecturer** (School of Medicine and Public Health)

Overview: Teaching post-graduate level biostatistics courses

2008-2009 **Research Associate** (School of Mathematical Sciences, Monash)

Overview: Developing statistical models for the detection of novel functional DNA.

2005-2009 **PhD scholar** (School of Mathematical Sciences, QUT)

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***Supervision and Mentoring***

Dr Oldmeadow supervises a team of 9 biostatisticians, 2 bioinformaticians, 3 data managers, and is a co-supervisor for 2 PhD students. His role at CReDITSS also provides ongoing consultative support for numerous PhD students and research fellows/assistants.

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***Contribution to Research Community***

Dr Oldmeadow has reviewed articles for journals such as PLoS One, British Journal of Surgery and Bioinformatics.

2017-2018 Associate Editor of the Biomed Central Journal “Pilot and feasibility studies”

2015-present Hunter New England Research Ethics Committee (Clinical Trials Sub-Committee)

2014-present Flagship steering Committee member for the Hunter Cancer Research Alliance (Implementation Stream)

2013-2014 NHMRC advisory panel for Biostatistics Early Career Research Fellowships

2013-2014 NHMRC advisory panel for Bioinformatics Early Career Research Fellowships

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***Collaboration***

His role as a statistician through CReDITSS has placed him in collaborations with local research groups from the Hunter Medical Research Institute, Hunter New England Population Health, and John Hunter Hospital (JHH); as well as groups from outside the hunter region including the National Drug and Alcohol Research Centre; Cancer Council NSW; NSW Ministry of Health (Evidence and Evaluation Unit); and the Department of Family and Community Services (NSW Government). During 2011-2018 these collaborations have resulted in a number of projects relating to health service development, and having beneficial outcomes to the health services. Many of the projects are from ARC or NHMRC funded grants and tenders assessing the implementation of large state-wide interventions.

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# ***Journal Articles***

Being part of a consultation unit means not all of Dr Oldmeadow’ s work results in publication, however Dr Oldmeadow haspublished **3 book chapters** over **200 journal articles,** in peer reviewed journal**s** including a number in leading journals (e.g. Nature**,** Lancet**,** Lancet Oncology and Science). He has a H-index of 24 and an i10-index of 50,with ~4000 citations since 2014. The topics of his papers reflect the variety of projects Dr Oldmeadow is involved in.

**Top 5 Publications in the last 5 years**

1. Kepreotes E., Whitehead B, Attia J, **Oldmeadow C**, Collison A, Searles A, Goddard B, Hilton J, Lee M, Mattes J. High-flow warm humidified oxygen versus standard low-flow nasal cannula oxygen for moderate bronchiolitis (HFWHO RCT): an open, phase 4, randomised controlled trial. The Lancet.

2. Denham, J.W., Joseph, D., Lamb, D., Spry, N., Duchesne, G., Matthews, J., Atkinson, C., Tai, K., Christie, D., Kenny, L., Turner, S., Gogna, N., Diamond, T., Delahunt, B., **Oldmeadow, C**., Attia, J, Steigler, A. Short-term androgen suppression and radiotherapy versus intermediate-term androgen suppression and radiotherapy, with or without zoledronic acid, in men with locally advanced prostate cancer (TROG 03.04 RADAR): an open-label, randomised, phase 3 factorial trial. The Lancet Oncology, 2014. 15(10): p. 1076-1089. This paper presents the primary outcome analysis of a large multi-centred RCT where Dr Oldmeadow was part of the analysis team that found evidence for a novel qualitative interaction.

3. Sutherland RL, Campbell EM, Lubans DR, Morgan PJ, Nathan NK, Wolfenden L, Okely AD, Gillham KE, Hollis JL, **Oldmeadow CJ**, et al. The Physical Activity 4 Everyone Cluster Randomized Trial: 2-Year Outcomes of a School Physical Activity Intervention Among Adolescents. Am J Prev Med 2016. This paper presents the results of a cluster RCT investigating the effect of a physical activity intervention. Dr Oldmeadow advised and supervised the analysis for this trial.

4. Rietveld, C.A., et al., GWAS of 126,559 individuals identifies genetic variants associated with educational attainment. Science, 2013. 340(6139): p. 1467-1471. Published in the high profile journal Science, Dr Oldmeadow contributed data investigating the role of genetics in educational attainment.

5. Wolfenden, Luke, et al. "Multi-strategic intervention to enhance implementation of healthy canteen policy: a randomised controlled trial." *Implementation Science* 12.1 (2017): 6..

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***Grants and Tenders***

Dr Oldmeadow is a chief investigator on grants totalling **~$12 million** listed below (with funding sources including NHMRC project, partnership and centre for research excellence). He is also an associate investigator on six NHMRC grants (project, partnership and targeted calls **~$4.1M**), one Cancer Council partnership **(~$1.1M**) and four NSW Ministry of Health grants (Translational Research Grant / Alcohol and Other Drugs **~$4M**).

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| Year | Scheme | Title | Amount |
| 2019 | NSW Ministry of Health, Cardiovascular Disease (CVD) Clinician Scientist Grants | Cardioprotective effects of the pneumococcal polysaccharide vaccine | $600,000 |
| NHMRC Target Call Research into Healthy Ageing of Aboriginal and Torres Strait Islander Peoples | Improving implementation of Health Assessments for Aboriginal and Torres Strait Islander clients in mainstream general practice: a cluster randomised controlled trial | $745,057 |
| NHMRC Project grant | A trial of vaporised nicotine products for smoking cessation following discharge from drug and alcohol residential withdrawal services | $1,833,513 |
| ARC Discovery project | Taking action: Increasing Advance Personal Planning by older adults | $542,000 |
| 2018 | NHMRC  Targeted Call for Research - Dementia in Indigenous Australians | Addressing health and care needs of Aboriginal and Torres Strait Islander people living with dementia and their communities: A cluster RCT | $3,095,009 |
| Australian Rotary Health | Pilot randomised controlled trial of a telephone delivered intervention for hazardous alcohol use among young people living with severe mental ill-health | $86,747 |
| 2017 | NHMRC Global Alliance for Chronic Diseases | 'Indigenous Counselling and Nicotine (ICAN) QUIT in Pregnancy' - a cluster randomised trial to implement culturally competent evidence-based smoking cessation for pregnant Aboriginal and Torres Strait | $2,318,652 |
| NHMRC project grant | Healthy living after stroke: An online intervention for improving stroke survivor health behaviours and quality of life | $599,124 |
| Dementia and Aged Care Services Research and Innovation Funding Round (DACS) | Does a targeted intervention improve medication safety after discharge and improve outcomes for people with dementia and their carers | $544,096 |
| NHMRC CRE | Aboriginal child and adolescent health improvement through Aboriginal leadership and collaborative research teams | $2,499,588 |
| NSW Ministry of Health AOD Innovation Grants | Routine Outcome Monitoring (ROM) plus feedback in SMART Recovery Australia: A feasibility study examining SMART ROM | $358,913 |
| NSW Ministry of Health AOD Innovation Grants | A randomised controlled trial of a continuing care telephone intervention following residential substance abuse treatment’ | $517,874 |
| 2016 | NHMRC Partnership | A randomised controlled trial of the effectiveness of ‘Enable Me’: an e-health innovation for stroke survivors and support persons. | $253,264 |
| National Stroke Foundation | A randomised controlled trial of the effectiveness of ‘Enable Me’: an e-health innovation for stroke survivors and support persons | $29,444 |
| NSW Ministry of Health | Phase 1 and 2 of the Indigenous Counselling and Nicotine (ICAN) QUIT in Pregnancy | $136,275 |
| Victorian Responsible Gambling Foundation (TENDER) | The susceptibility, prevalence, type and burden of adolescent gambling: an opportunity for an ongoing monitoring tool | $174,967 |
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| 2015 | NSW Ministry of Health (TENDER) | Evaluating the Quit for New Life | $270,908 |
| Australian Rotary Health | Improving uptake of colorectal screening among primary care attendees. | $17,000 |
| Australian Rotary Health | Delivery of care, are we doing enough? An investigation in to the treatment provided for depression in Australian alcohol treatment centers. | $17,000 |
| 2014 | Hunter Medical Research Institute | Improving uptake of colorectal cancer screening among primary care attendees. | $37,500 |
| 2013 | Cancer Institute NSW | Providing tailored web-based information to support colorectal cancer patients in their preparation for and recovery from surgery: A feasibility study. | $48,656 |

***Publications***

1. Zdenkowski, N., et al., *Single-arm longitudinal study to evaluate a decision aid for women offered Neoadjuvant systemic therapy for operable breast cancer.* JNCCN Journal of the National Comprehensive Cancer Network, 2018. **16**(4): p. 378-385.

2. Yoong, S.L., et al., *Prevalence of electronic nicotine delivery systems (ENDS) use among youth globally: A systematic review and meta-analysis of country level data.* Australian and New Zealand Journal of Public Health, 2018. **42**(3): p. 303-308.

3. Wyss, A.B., et al., *Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function.* Nature Communications, 2018. **9**(1).

4. Vandelanotte, C., et al., *More real-world trials are needed to establish if web-based physical activity interventions are effective.* British journal of sports medicine, 2018.

5. Twyman, L., et al., *What factors are associated with abstinence amongst socioeconomically disadvantaged smokers? A cross-sectional survey of use of cessation aids and quitting approach.* Drug and Alcohol Review, 2018. **37**(2): p. 170-179.

6. Thibault, P., J. Attia, and C. Oldmeadow, *A prolonged antibiotic protocol to treat persistent Chlamydophila pneumoniae infection improves the extracranial venous circulation in multiple sclerosis.* Phlebology, 2018. **33**(6): p. 397-406.

7. Sanson-Fisher, R.W., et al., *A simple filter model to guide the allocation of healthcare resources for improving the treatment of depression among cancer patients.* BMC Cancer, 2018. **18**(1).

8. Revelas, M., et al., *Review and meta-analysis of genetic polymorphisms associated with exceptional human longevity.* Mechanisms of Ageing and Development, 2018. **175**: p. 24-34.

9. Morten, M., et al., *Managing Asthma in Pregnancy (MAP) trial: FENO levels and childhood asthma.* Journal of Allergy and Clinical Immunology, 2018.

10. McCarter, K.L., et al., *Effectiveness of clinical practice change strategies in improving dietitian care for head and neck cancer patients according to evidence based clinical guidelines: A stepped wedge randomised controlled trial.* Translational Behavioral Medicine, 2018. **8**: p. 166-174.

11. McCarter, K., et al., *Smoking, drinking, and depression: comorbidity in head and neck cancer patients undergoing radiotherapy.* Cancer Medicine, 2018.

12. Lee, J.J., et al., *Gene discovery and polygenic prediction from a genome-wide association study of educational attainment in 1.1 million individuals.* Nature Genetics, 2018.

13. Joshi, T., et al., *Glycaemic optimization for patients with cardiac disease-A before-and-after study.* International journal of clinical practice, 2018. **72**: p. e13086-e13086.

14. Jayakody, A., et al., *The impact of telephone follow up on adverse events for Aboriginal people with chronic disease in new South Wales, Australia: A retrospective cohort study.* International Journal for Equity in Health, 2018. **17**(1).

15. Jamaluddin, M.F.B., et al., *Proteomic Analysis Identifies Tenascin-C Expression Is Upregulated in Uterine Fibroids.* Reproductive sciences (Thousand Oaks, Calif.), 2018: p. 1933719118773420.

16. Jackson, J.K., et al., *The role of inorganic nitrate and nitrite in cardiovascular disease risk factors: A systematic review and meta-analysis of human evidence.* Nutrition Reviews, 2018. **76**(5): p. 348-371.

17. Holmes, M., et al., *CD36 - a plausible modifier of disease phenotype in familial adenomatous polyposis.* Hereditary Cancer in Clinical Practice, 2018. **16**(1).

18. Hobden, B., et al., *Co-occurring depression and alcohol misuse is under-identified in general practice: A cross-sectional study.* Journal of Health Psychology, 2018. **23**(8): p. 1085-1095.

19. Hobden, B., et al., *Finding the optimal treatment model: A systematic review of treatment for co-occurring alcohol misuse and depression.* Australian and New Zealand Journal of Psychiatry, 2018. **52**(8): p. 737-750.

20. Ho, E., et al., *Prescription of opioids to post-operative orthopaedic patients at time of discharge from hospital: A prospective observational study.* Scandinavian Journal of Pain, 2018. **18**(2): p. 253-259.

21. Gould, G.S., et al., *Do doctors ask pregnant women about their tobacco smoking and related issues of cannabis, e-cigarettes and second-hand-smoke? A cross-sectional survey.* International Journal of Environmental Research and Public Health, 2018.

22. Fradgley, E.A., et al., *System-wide and group-specific health service improvements: Cross-sectional survey of outpatient improvement preferences and associations with demographic characteristics.* International Journal of Environmental Research and Public Health, 2018. **15**(2).

23. Faulkner, S., et al., *Neurotrophin Receptors TrkA, p75<sup>NTR</sup>, and Sortilin Are Increased and Targetable in Thyroid Cancer.* American Journal of Pathology, 2018. **188**(1): p. 229-241.

24. Dodd, N., et al., *Have we increased our efforts to identify strategies which encourage colorectal cancer screening in primary care patients? A review of research outputs over time.* Preventive Medicine Reports, 2018. **11**: p. 100-104.

25. Dodd, N., et al., *Prevalence of appropriate colorectal cancer screening and preferences for receiving screening advice among people attending outpatient clinics.* Australian and New Zealand Journal of Public Health, 2018. **42**(4): p. 334-339.

26. Davies, G., et al., *Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function.* Nature Communications, 2018. **9**(1).

27. Clover, K., et al., *PROMIS depression measures perform similarly to legacy measures relative to a structured diagnostic interview for depression in cancer patients.* Quality of Life Research, 2018. **27**(5): p. 1357-1367.

28. Carey, M., et al., *Examining variation across treatment clinics in cancer patients’ psychological outcomes: results of a cross sectional survey.* Supportive Care in Cancer, 2018. **26**(9): p. 3201-3208.

29. Bryant, J., et al., *How accurately do general practitioners detect concurrent tobacco use and risky alcohol consumption? A cross-sectional study in Australian general practice.* Australian Journal of Primary Health, 2018.

30. Bonevski, B., et al., *Smoking cessation intervention delivered by social service organisations for a diverse population of Australian disadvantaged smokers: A pragmatic randomised controlled trial.* Preventive Medicine, 2018. **112**: p. 38-44.

31. Barnett, A.G., C. Oldmeadow, and J.R. Attia, *Survival studies: Competing risks, immortality and censoring.* Medical Journal of Australia, 2018. **208**(11).

32. Bar-Zeev, Y., et al., *Clinician factors associated with prescribing nicotine replacement therapy in pregnancy: A cross-sectional survey of Australian obstetricians and general practitioners.* Australian and New Zealand Journal of Obstetrics and Gynaecology, 2018. **58**(3): p. 366-370.

33. Al-Omary, M.S., et al., *Outcomes following heart failure hospitalization in a regional Australian setting between 2005 and 2014.* ESC heart failure, 2018. **5**(2): p. 271-278.

34. Zhang, X., et al., *Increasing mortality from ischaemic heart disease in China from 2004 to 2010: Disproportionate rise in rural areas and elderly subjects. 438 million person-years follow-up.* European Heart Journal - Quality of Care and Clinical Outcomes, 2017. **3**(1): p. 47-52.

35. Zdenkowski, N., et al., *Treatment of pancreatic insufficiency using pancreatic extract in patients with advanced pancreatic cancer: a pilot study (PICNIC).* Supportive Care in Cancer, 2017. **25**(6): p. 1963-1971.

36. Wye, P.M., et al., *Effectiveness of a clinical practice change intervention in increasing the provision of nicotine dependence treatment in inpatient psychiatric facilities: An implementation trial.* BMC Psychiatry, 2017. **17**(1).

37. Wolfenden, L., et al., *Multi-strategic intervention to enhance implementation of healthy canteen policy: A randomised controlled trial.* Implementation Science, 2017. **12**(1).

38. Willems, S.M., et al., *Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness.* Nature Communications, 2017. **8**.

39. Whiting, G., et al., *General practice trainees’ clinical experience of dermatology indicates a need for improved education: A cross-sectional analysis from the Registrar Clinical Encounters in Training Study.* Australasian Journal of Dermatology, 2017. **58**(4): p. e199-e206.

40. Warren, H.R., et al., *Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk.* Nature Genetics, 2017. **49**(3): p. 403-415.

41. Wain, L.V., et al., *Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets from Blood and the Kidney.* Hypertension, 2017. **70**(3): p. e4-e19.

42. Vandelanotte, C., et al., *Effectiveness of a Web 2.0 intervention to increase physical activity in real-world settings: Randomized ecological trial.* Journal of Medical Internet Research, 2017. **19**(11).

43. Seward, K., et al., *Measuring implementation behaviour of menu guidelines in the childcare setting: Confirmatory factor analysis of a theoretical domains framework questionnaire (TDFQ).* International Journal of Behavioral Nutrition and Physical Activity, 2017. **14**(1).

44. Schumacher, T.L., et al., *Reference Intervals for Non-Fasting CVD Lipids and Inflammation Markers in Pregnant Indigenous Australian Women.* Healthcare, 2017. **5**(4): p. 1-11.

45. Regan, T., et al., *Comparison of two sources of clinical audit data to assess the delivery of diabetes care in aboriginal communities.* International Journal of Environmental Research and Public Health, 2017. **14**(10).

46. Paul, C., et al., *Dyadic interdependence of psychosocial outcomes among haematological cancer survivors and their support persons.* Supportive Care in Cancer, 2017. **25**(11): p. 3339-3346.

47. Lim, M.S., et al., *A Systematic Review and Meta-analysis Comparing Anticoagulation versus No Anticoagulation and Shorter versus Longer duration of Anticoagulation for Treatment of Isolated Distal Deep Vein Thrombosis.* Seminars in Thrombosis and Hemostasis, 2017. **43**(8): p. 836-848.

48. Laver, D.R., et al., *Cardiac Calcium Release Channel (Ryanodine Receptor 2) Regulation by Halogenated Anesthetics.* Anesthesiology, 2017. **126**(3): p. 495-506.

49. Lai, J.S., et al., *Prospective study on the association between diet quality and depression in mid-aged women over 9ï¿½years.* European Journal of Nutrition, 2017. **56**(1): p. 273-281.

50. Kolt, G.S., et al., *Using web 2.0 applications to promote health-related physical activity: Findings from the WALK 2.0 randomised controlled trial.* British Journal of Sports Medicine, 2017. **51**(19): p. 1433-1440.

51. Kepreotes, E., et al., *High-flow warm humidified oxygen versus standard low-flow nasal cannula oxygen for moderate bronchiolitis (HFWHO RCT): an open, phase 4, randomised controlled trial.* The Lancet, 2017. **389**(10072): p. 930-939.

52. Kable, A., et al., *An evaluation of discharge documentation for people with dementia discharged home from hospital - A cross-sectional pilot study.* Dementia (London, England), 2017: p. 1471301217728845.

53. Joshi, T., et al., *The duration of intrapartum maternal hyperglycaemia predicts neonatal hypoglycaemia in women with pre-existing diabetes.* Diabetic Medicine, 2017. **34**(5): p. 725-731.

54. Jones, M.P., et al., *Understanding statistical hypothesis tests and power.* MEDICAL JOURNAL OF AUSTRALIA, 2017. **207**(4): p. 148-150.

55. Iseme, R.A., et al., *A role for autoantibodies in atherogenesis.* Cardiovascular Research, 2017. **113**(10): p. 1102-1112.

56. Holliday, S.M., et al., *The pattern of anxiolytic and hypnotic management by Australian general practice trainees.* Drug and Alcohol Review, 2017. **36**(2): p. 261-269.

57. Hoffman, G.R., et al., *Liquor legislation, last drinks, and lockouts: the Newcastle (Australia) solution.* International Journal of Oral and Maxillofacial Surgery, 2017. **46**(6): p. 740-745.

58. Hodder, R.K., et al., *Effectiveness of a pragmatic school-based universal resilience intervention in reducing tobacco, alcohol and illicit substance use in a population of adolescents: cluster-randomised controlled trial.* BMJ open, 2017. **7**(8): p. e016060.

59. Hobden, B., et al., *The Validity of the Montgomery–Asberg Depression Rating Scale in an Inpatient Sample with Alcohol Dependence.* Alcoholism: Clinical and Experimental Research, 2017. **41**(6): p. 1220-1227.

60. Hobden, B., et al., *Clinician identification of elevated symptoms of depression among individuals seeking treatment for substance misuse.* Drug and Alcohol Dependence, 2017. **181**: p. 71-76.

61. Hobden, B., et al., *Do rates of depression vary by level of alcohol misuse in Australian general practice?* Australian Journal of Primary Health, 2017. **23**(3): p. 263-267.

62. Hobden, B., et al., *Computer tablet or telephone? A randomised controlled trial exploring two methods of collecting data from drug and alcohol outpatients.* Addictive Behaviors, 2017. **71**: p. 111-117.

63. Harris, M.L., et al., *Stress increases the risk of type 2 diabetes onset in women: A 12-year longitudinal study using causal modelling.* PLOS ONE, 2017. **12**(2).

64. Gould, G.S., et al., *Do Clinicians Ask Pregnant Women about Exposures to Tobacco and Cannabis Smoking, Second-Hand-Smoke and E-Cigarettes? An Australian National Cross-Sectional Survey.* International journal of environmental research and public health, 2017. **14**(12).

65. Gould, G.S., et al., *Exploring an adapted Risk Behaviour Diagnosis Scale among Indigenous Australian women who had experiences of smoking during pregnancy: A cross-sectional survey in regional New South Wales, Australia.* BMJ Open, 2017. **7**(5).

66. Gleeson, M., et al., *Developing a multi-component immune model for evalusating the risk of respiratory illness in athletes.* EXERCISE IMMUNOLOGY REVIEW, 2017. **23**: p. 52-64.

67. Fletcher, R., et al., *Supporting men through their transition to fatherhood with messages delivered to their smartphones: A feasibility study of SMS4dads.* BMC Public Health, 2017. **17**(1).

68. Ewald, B.D., C. Oldmeadow, and J.R. Attia, *Daily step count and the need for hospital care in subsequent years in a community-based sample of older australians.* Medical Journal of Australia, 2017. **206**(3): p. 126-130.

69. Dunlop, A.J., et al., *Effectiveness and cost-effectiveness of unsupervised buprenorphine-naloxone for the treatment of heroin dependence in a randomized waitlist controlled trial.* Drug and Alcohol Dependence, 2017. **174**: p. 181-191.

70. Dray, J., et al., *Systematic Review of Universal Resilience-Focused Interventions Targeting Child and Adolescent Mental Health in the School Setting.* Journal of the American Academy of Child and Adolescent Psychiatry, 2017. **56**(10): p. 813-824.

71. Dray, J., et al., *Effectiveness of a pragmatic school-based universal intervention targeting student resilience protective factors in reducing mental health problems in adolescents.* Journal of Adolescence, 2017. **57**: p. 74-89.

72. Dodd, N., et al., *Are Australian general practice patients appropriately screened for colorectal cancer? A cross-sectional study.* Australasian Medical Journal, 2017. **10**(7): p. 610-619.

73. Dodd, N., et al., *Testing the Effectiveness of a Primary Care Intervention to Improve Uptake of Colorectal Cancer Screening: A Randomized Controlled Trial Protocol.* JMIR RESEARCH PROTOCOLS, 2017. **6**(5).

74. De Vries, P.S., et al., *Comparison of HapMap and 1000 genomes reference panels in a large-scale genome-wide association study.* PLoS ONE, 2017. **12**(1).

75. Davies, A.J., et al., *Disparities in the incidence of acute myocardial infarction: long-term trends from the Hunter region.* Internal Medicine Journal, 2017. **47**(5): p. 557-562.

76. Dallas, A., et al., *Antibiotic prescribing for acute otitis media and acute sinusitis: A cross-sectional analysis of the ReCEnT study exploring the habits of early career doctors in family practice.* Family Practice, 2017. **34**(2): p. 180-187.

77. Collins, C.E., et al., *Efficacy of Web-Based Weight Loss Maintenance Programs: A Randomized Controlled Trial Comparing Standard Features Versus the Addition of Enhanced Personalized Feedback over 12 Months.* Behavioral sciences (Basel, Switzerland), 2017. **7**(4).

78. Clover, K.A., et al., *Reduced prevalence of pain and distress during 4 years of screening with QUICATOUCH in Australian oncology patients.* European Journal of Cancer Care, 2017. **26**(6): p. 1-10.

79. Chen, C., et al., *Influence of penumbral reperfusion on clinical outcome depends on baseline ischemic core volume.* Stroke, 2017. **48**(10): p. 2739-2745.

80. Bar-Zeev, Y., et al., *The Indigenous Counselling and Nicotine (ICAN) QUIT in pregnancy pilot study protocol: A feasibility step-wedge cluster randomised trial to improve health providers' management of smoking during pregnancy.* BMJ Open, 2017. **7**(8).

81. Bailey, K.A., et al., *Effects of Assault Type on Cognitive Behaviour Therapy for Coexisting Depression and Alcohol Misuse.* JOURNAL OF CLINICAL MEDICINE, 2017. **6**(7).

82. Attia, J.R., et al., *Deconfounding confounding part 2: Using directed acyclic graphs (DAGs).* Medical Journal of Australia, 2017. **206**(11): p. 480-482.e1.

83. Abdullah, N., et al., *Predicting type 2 diabetes using genetic and environmental risk factors in a multi-ethnic Malaysian cohort.* Public Health, 2017. **149**: p. 31-38.

84. Yoong, S.L., et al., *CAFï¿½: A multicomponent audit and feedback intervention to improve implementation of healthy food policy in primary school canteens: A randomised controlled trial.* International Journal of Behavioral Nutrition and Physical Activity, 2016. **13**(1).

85. Twyman, L., et al., *The association between cannabis use and motivation and intentions to quit tobacco within a sample of Australian socioeconomically disadvantaged smokers.* Health Education Research, 2016. **31**(6): p. 771-781.

86. Twyman, L., et al., *Factors associated with concurrent tobacco smoking and heavy alcohol consumption within a socioeconomically disadvantaged Australian sample.* Substance Use and Misuse, 2016. **51**(4): p. 459-470.

87. Turnock, A., et al., *Prevalence and associations of general practice nurses' involvement in consultations of general practitioner registrars: A cross-sectional analysis.* Australian Health Review, 2016. **40**(1): p. 92-99.

88. Thomson, A., et al., *Clinical encounters of Australian general practice registrars with Aboriginal and Torres Strait Islander patients.* Australian and New Zealand Journal of Public Health, 2016. **40**: p. S75-S80.

89. Thomson, A., et al., *The recording of Aboriginal and Torres Strait Islander status in general practice clinical records: A cross-sectional study.* Australian and New Zealand Journal of Public Health, 2016. **40**: p. S70-S74.

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