

INTERNATIONAL

Population Data Linkage

NETWORK

EDINBURGH, SCOTLAND, UNITED KINGDOM

CONFERENCE

7-9 September 2022

PRE-CONFERENCE WORKSHOPS: 5-6 SEPTEMBER 2022

www.ipdln.org



2022

PROGRAMME

The 2022 IPDLN Conference is being delivered by ADR UK and ADR Scotland



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Message from the 2022 IPDLN Co-Directors

Dear attendees,

On behalf of the IPDLN we're pleased to present the scientific programme for this year's conference in Edinburgh, Scotland. Taking place from the 7-9 September, the IPDLN conference is an occasion to bring data science experts together to share research findings, network, and expand the field of population data science. We are tremendously excited about welcoming you all later this year for what will undoubtedly be a fascinating and memorable event amidst the historic Old Town of Edinburgh.

As the last few years have shown, population health data research has never been more important than now. The Covid-19 pandemic necessitated a wide range of governmental responses, many of which would not have been possible without linked data studies produced by so many of our colleagues.

New and more effective methods and technology to analyse linked data sets are being regularly developed in our increasingly digitised world. The core of the IPDLN has been to facilitate a truly global exchange of ideas, findings, and expertise; to create a space where we can learn from our international colleagues and their work in our field.

Our keynote speakers, and the range of presentation abstracts and workshops detailed in this programme, reflects both that ethos and range of expertise. The sub-themes that will be discussed in Edinburgh, from data linkage methods, research using real-world data and the ethics, law and social implications of our research has never been more relevant to our societies.

Together, we can learn how to forge a better path forward for population health science using linked data.

Prof Chris Dibben
Co-Director,
ADR Scotland,
Co-Director, IPDLN



Dr Emma Gordon
Director,
ADR UK,
Co-Director, IPDLN



Welcome to Crowd



The Global Population Data Science Community

For the first time, the IPDLN is using the new [Crowd](#) digital platform to share updates and information about the 2022 Edinburgh conference. [Crowd](#) exists to support the Population Data Science community, encourage engagement with the work of your peers, and help you to connect with one another.

To ensure you receive all conference updates and remain part of the online community, conference attendees should sign up to [Crowd \(which you can do here\)](#). You can also register for the pre-conference workshops on Crowd. It's quick and easy to do – and you can even download the phone app while you're at it for increased convenience.

Once you've created an account make sure you join the [IPDLN Group](#) by selecting the “groups” tab on the left-hand side menu and navigating down to the IPDLN Group.

Signing up is not just the only way to receive future conference updates but also to access online materials. Start a conversation with your fellow attendees ahead of meeting them in September!

Join today and be sure to say hello. We look forward to getting to know all of you ahead of meeting in Edinburgh.

The 2022 IPDLN Conference at a Glance

Wednesday 7th September

Time	Location	Session
9:00-10:00	50 GS G.01 and G.02	Registration
10:00-10:15	Gordon Aikman lecture theatre	Welcome and opening remarks from conference chairs Dr Emma Gordon and Professor Chris Dibben
10:15-11:15	Gordon Aikman lecture theatre	Keynote speaker: Professor Stefan Bender
11:15-11:30	BREAK	
11:30-13:00	See separate table	Parallel Session A
13:00-14:00	LUNCH	
14:00-15:00	Gordon Aikman lecture theatre	Keynote speaker: Hans-Erik Aronson
15:00-15:20	BREAK	
15:20-16:50	See separate table	Parallel Session B and Expert Q&A Panel
17:00-18:30	40 GS café and lounge	Informal welcome drinks reception

The 2022 IPDLN Conference at a Glance

Thursday 8th September

Time	Location	Session
8:30-9:30	50 GS G.01 and G.02	Registration
9:30-10:30	Gordon Aikman lecture theatre	Keynote speaker: Dr Maurício Barreto
10:30-10:50	BREAK	
10:50-12:20	See separate table	Parallel Session C
12:20-13:20	LUNCH	
13:20-14:20	Gordon Aikman lecture theatre	Keynote speaker: Professor Linnet Taylor
14:20-14:40	BREAK	
14:40-16:10	See separate table	Parallel Session D and Expert Q&A Panel
17:30-19:30	Playfair Library	IPDLN celebration evening: poster presentations, awards, speeches

The 2022 IPDLN Conference at a Glance

Friday 9th September

Time	Location	Session
8:30-9:30	50 GS G.01 and G.02	Registration
9:30-10:30	Gordon Aikman lecture theatre	Keynote speaker: Rachel Plachcinski
10:30-10:50		BREAK
10:50-12:20	See separate table	Parallel Session E
12:20-13:20		LUNCH
13:20-14:20	Gordon Aikman lecture theatre	Keynote speaker: Sir Professor Ian Diamond
14:20-14:40		Conference closing remarks from Dr Emma Gordon and Professor Chris Dibben

Keynote Speakers

We are delighted to welcome a range of global experts in the field of population data science to share their knowledge, research, and methodologies with us.



Dr Maurício L. Barreto

Dr Maurício L. Barreto is a Senior Investigator at [Fiocruz](#) and an Emeritus Professor at [the Federal University of Bahia](#), Brazil. His research in epidemiology and public health focuses on the social and environmental determinants of health, health inequalities, and the impact of social interventions on health. He is co-founder and has directed [the Centre for Data and Knowledge Integration for Health \(CIDACS\)](#) in Salvador, Brazil since 2016. His current major project is focused on the impact of social protection policies on health using the 100 million Brazilian Cohort.



Hans-Erik G. Aronson

Hans-Erik G. Aronson is the National Digital Research Infrastructure Director of [Health Data Research UK \(HRD UK\)](#). He leads the UK trusted and connected [Data and Analytics Research Environments programme \(DARE UK\)](#), which aims to design and deliver a national data research infrastructure for cross-domain analysis of sensitive public sector data. He previously was Vice President, Information Technology and Chief Information Officer of Cold Spring Harbor Laboratory and Vice President of the Association of Independent Research Institutes from before joining HDR UK in July 2021.



Professor Stefan Bender

Professor Stefan Bender is [Head of the Research Data and Service Centre of the Deutsche Bundesbank](#) and an Honorary Professor at [the School of Social Sciences, University Mannheim](#). His research interests are data access, data quality, merging administrative, survey data and/or big data, record linkage, management quality and establishment data. He has published over 100 articles in journals including the American Economic Review and the Quarterly Journal of Economics.

Keynote Speakers



Professor Linnet Taylor

Professor Linnet Taylor is Professor of International Data Governance at [the Tilburg Institute for Law, Technology, and Society in the Netherlands](#). Her research focuses on digital data, representation, and democracy, with particular attention to transnational governance issues. Her work on group privacy and data justice is used in discussions of technology governance in countries around the world. Linnet leads the European Research Council (ERC)-funded [Global Data Justice project](#), which aims to develop a social-justice-informed framework for governance of data technologies on the global level. She is also a member of [the Dutch Young Academy \(De Jonge Akademie\)](#) and a co-chair of [the Dutch Research Council \(NWO\)](#)'s Social Science roundtable advisory group.



Rachel Plachcinski

Rachel Plachcinski's current projects involve being lay co-lead for parent, patient and public involvement at the Policy Research Unit in Maternal and Neonatal Health and Care at [NPEU](#), University of Oxford, and leading on PPPI for [MuMPreDiCT, University of Birmingham](#), and Birth Timing 2 at City, University of London. She was one of the original members of the HDR-UK Public Advisory Board and is a member of [the Cochrane Consumer Network Executive and Editorial Board](#).



Professor Sir Ian Diamond

Professor Sir Ian Diamond became [the United Kingdom's National Statistician](#) on 22 October 2019. This role is a Crown appointment as the Authority's and the Government's principal adviser on official statistics. Sir Ian previously served as a non-executive member of [the UK Statistics Authority Board from](#) June 2018 to August 2019 and was Principal and Vice-Chancellor of the University of Aberdeen from 2010 to 2018.

Scientific Committee

Coming from a diverse set of backgrounds and professional and academic experience, meet the team behind the 2022 conference scientific programme.



Dr Emma Gordon, Chair

Emma is the Director of the £105m [Administrative Data Research UK \(ADR UK\)](#) programme at the UK's [Economic & Social Research Council \(ESRC\)](#), which is opening up access to administrative data to support research and inform policy decisions. Emma joined [ADR UK](#) from HM Treasury, and prior to this was Head of Health Analysis at the Office for National Statistics (ONS). Emma is also the co-director of [the International Population Data Linkage Network \(IPDLN\)](#), a role she holds in partnership with [Professor Chris Dibben](#) from the University of Edinburgh.



Professor Katie Harron

Katie is an Associate Professor in quantitative methods at [the UCL Great Ormond Street Institute of Child Health](#). Her methodological research aims to develop methods to exploit the rich data that are collected about populations as we interact with services throughout our lives. Katie's applied research focuses on maximising the use of existing data sources to improve services for vulnerable mothers and families. Her current research links data from health, education and social care at a national level, in order to improve our understanding of the health of individuals from birth to young adulthood.



Professor Peter Christen

Peter Christen is a Professor in [the School of Computing at the Australian National University \(ANU\)](#) in Canberra. His research interests are in record linkage and data mining, with a focus on privacy, scalability, and machine learning aspects of record linkage. He has published nearly 200 articles in these areas, including the two books "Data Matching" in 2012 and "Linking Sensitive Data" (co-authored with Thilina Ranbaduge and Rainer Schnell) in 2020.

Scientific Committee



Dr Nayha Sethi

Nayha is a Chancellor's Fellow in [Data Driven Innovation at the Centre for Biomedicine, Self and Society at Usher in the University of Edinburgh](#). Much of Nayha's scholarship relates to legal, ethical and social issues arising out of data driven innovations. Nayha has previously worked on several data intensive research programmes including the Scottish Health Informatics Programme and the Farr Institute. She has experience in engaging with policymakers and regulators and serves on several expert panels relating to data use.



Professor Colin McCowan

Colin McCowan has been Professor in Health Data Science at [the University of St Andrews](#) since January 2019. His research uses routine data for clinical epidemiology and in the support of trials and other research methods spanning conditions including multimorbidity, cancer, healthcare acquired infections, cardiovascular disease and care of the elderly.



Dr Lisa Sharwood

Dr Lisa Sharwood is an Epidemiologist in public health & injury with a background as a Critical Care Registered Nurse. Lisa's academic career has traversed health services research for serious injury management, costs and outcomes using population-level data linkage. Her injury prevention work combines big data in addition to policy and standard development/review for risk mitigation, as well as regularly providing Expert Witness to the courts in matters of injury litigation. Lisa holds PhD Medicine/Epidemiology, MPH, GradDip CritCare RN, BN and is currently completing a Masters Health Data Science. She holds Adjunct positions in 3 Sydney universities and is currently using her research data linkage skills in a government role.

Pre-Conference Workshops

We are pleased to present an exciting programme of pre-conference workshops. Sign up to the event on Crowd, further information will be sent in advance of the workshop. Programme subject to change.

Monday 5th September – Virtual Workshops

Time	Location	Session
9:00-10:30	Microsoft Teams	Where can your PhD take you next? Careers case studies and advice from PhD graduates working across a range of sectors
11:00-12:30	Microsoft Teams	What is 'Research-ready' administrative data? Moving towards a common understanding
13:30-15:00	Microsoft Teams	Training and capacity building opportunities for researchers
15:30-17:00	Microsoft Teams	Pregnancies and data linkage: cohort identification and data analysis

Pre-Conference Workshops

We are pleased to present an exciting programme of pre-conference workshops. Please note that capacity is limited for the parallel in-person sessions, sign up to the event on Crowd. Programme subject to change.

Tuesday 6th September – In-person Workshops

Time	Location	Session	Location	Session	Location	Session
9:00-10:30	Edinburgh Climate Change Institute	Approaches to creating synthetic data	Edinburgh Climate Change Institute	Impact through meaningful engagements and partnerships	Edinburgh Climate Change Institute	The AISP Approach: A Framework to Assess & Improve Your Data Sharing
11:00-12:30	Edinburgh Climate Change Institute	Approaches to creating synthetic data	Edinburgh Climate Change Institute	Connecting and sharing with industry	Edinburgh Climate Change Institute	
13:30-15:00	Edinburgh Climate Change Institute	Learning to create synthetic data	Edinburgh Climate Change Institute	Developing your research career as a data scientist: a 360 degree view	Edinburgh Climate Change Institute	
15:30-17:00	Edinburgh Climate Change Institute	Learning to create synthetic data	Edinburgh Climate Change Institute	Developing your research career as a data scientist: a 360 degree view	Edinburgh Climate Change Institute	

Scientific Programme

We have developed an engaging and diverse scientific programme which we hope you will enjoy!

Programme subject to change. **There will be a maximum of 6 oral presentations per session in each room.**

Parallel Session A – Wednesday 11:30-13:00 Each slot is 15 minutes

Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	OS	ELSI	MS	PE E	RWD	RWD	RWD	RWD	RWD	RWD
1	75. Rachel Shipsey. Making the 2022 Rwanda Census count	29. Emily Jefferson, Jenny Johnston, Gordon Milligan and Phil Quinlan. Developing a new Governance Approval Process to support federated discovery and meta-analysis of data across the UK through the CO-CONNECT project	228. Oliver Thwaites. A cross-sectional analysis on the effects of biodiversity and green space on mental well-being in Wales	53. Laurette Bukasa, Angelina Namiba, Shema Tariq, Matilda Brown, Estelle Ndungu, Mercy Nangwale, Gillian Letting, Patricia Chirwa and Claire Thorne; What do women living with HIV think about research on children born HIV-free in the UK?	211. William Ball, Helen Rowlands, Corri Black, Shantini Paranjothy, Adelene Rasalam, David Ritchie, Magdalena Rzewuska, Elaine Thompson, Katie Wilde and Jessica Butler. Inequalities in children's mental health prescribing and referrals for specialist mental health services	278. Janine Cooper, Ifeoma Onyeka, Euan Paterson, Dermot O'Reilly, Richard Kirk and Michael Donnelly. Record linkage studies of drug-related deaths among former adult prisoners who have been released to the community: a scoping review	78. Ruth Lavergne, Sandra Peterson, David Rudoler, David Stock and Emily Marshall. The same, only different: Using physician billing data from four provincial payment systems to describe family physician practice patterns in Canada	37. Salimah Shariff, Lucie Richard, Stephen Hwang, Jeffrey Kwong, Cheryl Forchuk, Naheed Dosani and Richard Booth. COVID-19 vaccine coverage and factors associated with vaccine uptake among individuals with a recent experience of homelessness: a population-based analysis from Ontario, Canada	196. Rhiannon Pilkington, Alicia Montgomerie, Catia Malvaso, Dandara Haag, Angela Gialamas and John Lynch. Linked administrative data can inform policy and practice: An academic - government partnership in South Australia	17. Ruth Hall, Luke Mondor and Walter Wodchis. Applying the British Columbia Health System Matrix (BCHSM) population segmentation framework to support integrated care in Ontario, Canada

Scientific Programme continued

Parallel Session A – Wednesday 11:30-13:00 Each slot is 15 minutes

Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	OS	ELSI	MS	PE E	RWD	RWD	RWD	RWD	RWD	RWD
2	77. Rainer Schnell and Severin Weiland. Microsimulation of an educational attainment register to study record linkage quality	32. Amy Hawn Nelson. Data Integration in the time of COVID: Getting to Yes with Enterprise-Wide Data Governance	135. Jennifer Hampton, Nicholas Webster, Sophie Jordan, Sian Morrison-Rees, Orla Bateson, James Watson, Scott McFarlane, Alastair McAlpine and Liam Cavin. AD ARC: Construction of a research ready dataset to better understand farmers and farming households	340. Amanda Slaunwhite, Heather Palis, Chloe Xavier, Roshni Desai, Bin Zhao and Wenqi Gan; Engagement of persons with lived experience in research that uses linked administrative health data - the BC Provincial Overdose Cohort	96. Sebastien Peytrignet and Fiona Grimm. Children and young people's mental health in England, Scotland and Wales – case studies using linked data from the Networked Data Lab	197. Natasa Gisev, Sallie-Anne Pearson, Timothy Dobbins, Luke Buizen, Tom Murphy, Andrew Wilson, Fiona Blyth, Adrian Dunlop, Sarah Larney, David C. Currow, Richard P. Mattick and Louisa Degenhardt. POPPY II Cohort Profile– a population-based linked cohort examining the patterns and outcomes of prescription opioid use in NSW, Australia, 2003-2018	116. Nadine Andrew, David Ung, Muideen Olayia, Lachlan Dalli, Leonid Churilov, Joosup Kim, Dominique Cadilhac, Vijaya Sundararajan, Amanda Thrift, Natasha Lannin, Mark Nelson, Velandai Srikanth and Monique Kilkenny. Chronic disease management improves survival but not hospital presentations: a target trial approach using linked data from the Australian Stroke Clinical Registry	154. Jennifer Enns, Alan Katz, Marina Yogendran, Marcelo Urquia, Saman Muthukumarana, Surani Matharaarachchi, Alexander Singer, Nathan Nickel, Leona Star, Teresa Cavett, Yoav Keynan, Lisa Lix and Diana Sanchez-Ramirez; A population data-driven approach to identifying 'Long COVID' cases in support of diagnosis and treatment	18. Jennifer Dunne, Gizachew Tessema and Gavin Pereira. Bias in exposure-outcome associations when using left truncated birth datasets	70. Nisha Jacob, Brian Rice and Andrew Boulle. The validity of routine individuated programmatic data in HIV surveillance assessed over a 10-year period

Scientific Programme continued

Parallel Session A – Wednesday 11:30-13:00 Each slot is 15 minutes

Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	OS	ELSI	MS	PE E	RWD	RWD	RWD	RWD	RWD	RWD
3	106. Kostas Loukas and Paul Groom. Progress in building a longitudinal framework of linked reference data for England and Wales.	100. Jackie Caldwell, Robert Wallace, Carole Morris, Simon Fleming, Rob Baxter, Ruairidh MacLeod, William Kerr, Donald Scobbie, Simon Rogers, Felix Ritchie, Esma Mansouri-Benssassi, Susan Krueger and Emily Jefferson. Scottish Medical Imaging Service - Technical and Governance controls	295. Sarah Mah, Lori Diemert, Scott McKean, Sarah Collier and Laura Rosella. Planning for community well-being: Prioritizing and identifying local neighbourhood attributes of belonging	252. Shayda Kashef, Mary Cowan and Elizabeth Waind; Public attitudes to population data research in 2022	98. Rebecca Cannings-John, Michael Robling, Fiona Lugg-Widger, James White, Julia Sanders and Mandy Lau. Evaluating the Family Nurse Partnership Programme in Scotland: a natural experiment using linked data from health, education and social care	185. Chrianna Bharat, Natasa Gisev, Sebastiano Barbieri, Tim Dobbins, Sarah Larney, Michael Farrell and Louisa Degenhardt. The effect of opioid analgesics, benzodiazepines, gabapentinoids, and opioid agonist treatment on mortality risk among opioid-dependent people	231. Samantha Turner, Haroon Ahmed, Ashley Akbari, Jackie Bethel, Rebecca Cannings-John, Andrew Evans and Efi Mantzourani. Evaluation of a Sore throat Test and tReat service in community Pharmacies (STREP)	56. Paul Nguyen, Yuka Asai and Timothy Hanna. Impact of the COVID-19 pandemic on skin cancer diagnosis: A population-based study	319 Andrew C. Stevenson, Rachel C. Colley, Kaberi Dasgupta, Leila M. Minaker, Mylene Riva, Michael J. Widener and Nancy A. Ross. Associations between neighbourhood fast-food environments and hypertension in Canadian adults	92. Simon Guthrie and Tara Alexander. Transition between inpatient rehabilitation and National Disability Insurance Scheme for Traumatic Brain Injury and Spinal Cord Injury

Scientific Programme continued

Parallel Session A – Wednesday 11:30-13:00 Each slot is 15 minutes

Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	OS	ELSI	MS	PE E	RWD	RWD	RWD	RWD	RWD	RWD
4	190. Michael Nelson, Victoria Pye, Pooja Nair, Tim Harrold, Lisa McCallum and Lee Taylor. Rapid and Responsive Record Linkage to support NSW Health COVID-19 pandemic response	189. Emily Parker, Tanya Ravipati, Richard Beare, Velandai Srikanth and Nadine Andrew. Establishing an ethics and governance framework for access to and linkage of electronic health data for research projects	307. Richard Fry, Lucy Griffiths, Helen Daniels, Amy Mizen, Rhodri Johnson, Rowena Bailey, James Rafferty, Rebecca Pedrick-Case, Gareth Stratton and Dora Poulidou. Multi-sectoral data linkages to explore associations between the built environment and BMI	339. Amanda Slaunwhite, Kevin Hu, Brian Klinkenberg and Wenqi Gan. The geography of overdose in British Columbia	126. Matthew Jay, Louise Mc Grath-Lone, Rachel Pearson and Ruth Gilbert. The cumulative proportion of children receiving social care services in England: a whole population administrative data cohort study		304. Eliot Frymire, Peter Gozdyra, Michael Green, Imaan Bayoumi, Richard Glazier, Liisa Jaakkimainen, Shahriar Khan, Tara Kiran and Kamila Premji. Mapping where patients access primary care providers	66. Deborah Allen, Alejandra Vergara-Lope and Daniel Wilson. Structural health determinants and comorbidity risk factors for COVID-19 outcomes among participants in the UK Biobank	239. Elizabeth Pereira. Analysing linked 2021 Census and Admin data to inform population transformation statistics	214 Ellie Paige, Emily Banks, Jason Agostino, David Brieger, Karen Page, Grace Joshy, Eden Barrett and Rosemary Korda. Socioeconomic factors, medication subsidisation and the use of preventative cardiovascular disease medications in Australia

Scientific Programme continued

Parallel Session A – Wednesday 11:30-13:00 Each slot is 15 minutes

Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	OS	ELSI	MS	PE E	RWD	RWD	RWD	RWD	RWD	RWD
5	218. Lizzy Booth and Sarah Murphy. Linking Administrative Test and Trace Data to the Covid-19 Infection Survey to Improve Analysis of Positivity and Vaccine Effectiveness	212. Joanne Lumsden, Katie Wilde, Sharon Gordon, Corri Black and Shantini Paranjothy. The path to approvals: Facilitating access to healthcare data via a local Governance Forum	309 Kimberly Thomson, Monique Gagne Petteni and Anne Gadermann. From society to cell: Exploring the biological impacts of social exposures through linked biological and population-level child development data		264. Helen Hodges and Kevin Fahey. Children in out of home care in the youth justice system – understanding when they may be more vulnerable to further offending		318. Gareth Davies, Kendal Smith, Ashley Akbari, Rowena Bailey, Lloyd Evans, Gareth John, Michael Thomas and Kerryn Lutchman-Singh. Variation in access rates amongst patients groups in Wales for specialist interventions	71. Serena Pattaro, Nick Bailey and Chris Dibben. Occupational differences in COVID-19 mortality between women and men in Scotland	248. Lisa Sharwood, Tim Barlow and Katy Liu. What's in a Royal Commission? – Coercive Powers for data integration to Address the Wicked Problem of Defence and Veteran Suicide	45. Yinshan Zhao, Atul Sivaswamy, May K. Lee, Mona Izadnegahdar, Anna Chu, Laura E. Ferreira-Legere, Karin H. Humphries and Jacob A. Udell. A Feasibility Study for CODE-MI: High-Sensitivity Cardiac Troponin - Optimizing the Diagnosis of Acute Myocardial Infarction/ Injury in Women

Scientific Programme continued

Parallel Session A – Wednesday 11:30-13:00 Each slot is 15 minutes

Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	OS	ELSI	MS	PE E	RWD	RWD	RWD	RWD	RWD	RWD
6	241. Cecilia Macintyre and Gillian Raab. Creating a longitudinal dataset of care experienced children in Scotland – Administrative Data Research Scotland	333. Donna Curtis Maillet and Ted McDonald. Addressing multi-region data linkage needs through data sharing agreements – Three Canadian initiatives	153. Kimberly Thomson, Carly Magee, Monique Gagne Petteni and Anne Gadermann. Changes in social support and the emotional health of immigrant, refugee, and non-immigrant children across middle childhood: A three year follow up study		172. Marni Brownell, Stephanie Sinclair, Nathan Nickel, Marlyn Bennett, Hygiea Casiano, Anita Durksen, Elizabeth Decaire, Lisa Flaten, Kayla Frank, Mikayla Hunter, Nora Murdock, Chris Nash, Jamie Pfau, Heather Prior, Jay Rodgers, Colette Scatliff, Scott Sinclair, Anna Slavina and Randy Walld. Outcomes of children involved with child protection in Manitoba, Canada: a demonstration project for working in partnership across government, community organizations, and academia		285. Eliot Frymire, Michael Green, Richard Glazier, Shahriar Khan, Kamila Premji, Imaan Bayoumi, Liisa Jaakkimainen, Tara Kiran and Peter Gozdyra. Using Primary care data metrics to inform policy and practice: Human Health Resource implications	72. Mark Drakesmith, Gemma Hobson, Gareth John, Emily Stegall, Ashley Gould, John Parkinson and Daniel Rhys Thomas. Developing a population data science approach to assess increased risk of COVID-19 associated with attending large sporting events	125. Sarah Lowe and Sian Morrison-Rees; A POLICY IMPACT CASE STUDY USING REAL WORLD DATA FROM WELSH GOVERNMENT FUEL POVERTY SCHEMES TO INFORM SCHEME DESIGN	305 Jayati Das-Munshi, Alex Dregan, Robert Stewart, Matthew Hotopf, Ioannis Bakolis, Laia Becares, Josephine Ocloo, Ruth Stuart and Elisa Impara Severe mental illnesses and mortality following COVID-19 infection: Data linkage study using the Clinical Practice Research Database (CPRD)

Scientific Programme continued

Parallel Session B – Wednesday 15:20-16:40 Each slot is 15 minutes

Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD Expert panel
1	73. Nonie Alexander, Daniel Alexander and Spiros Denaxas. ClustEHR: a tool for generating synthetic EHR data for unsupervised learning experiments	10. Tracy Jackson, Jillian Beggs, Antony Chuter, Marialuisa Cursino and Aziz Sheikh. Collaborating with patient and public members in developing the COVID - Curated and open analysis and research platform (CO-CONNECT)	33. Amy Hawn Nelson and Emily Berkowitz. How can we measure the developmental impacts of the COVID-19 pandemic on young children?	30. Richard Shaw, Katie Harron, Julia Pescarini, Elzo Júnior, Andressa Siroky, Desmond Campbell, Ruth Dundas, Maria Yury Ichihara, Mauricio Barreto and Vittal Katikireddi . Biases arising from using linked administrative data for research: A conceptual framework from registration to analysis	62. Marni Brownell, Stephanie Sinclair, Nathan Nickel, Lorna Turnbull, Rick Linden, Rosemary Ricciardelli, Wendy Au, Jennifer Enns, Mariette Chartier, Marcelo Urquia, Alyson Mahar, Elizabeth Wall-Wieler, Dan Chateau, Matthew Sanscartier, Hygiea Casiano, Farzana Quddus, Drew Lambert and Ivy Ferland. Quantifying intersecting structural racism in the youth criminal justice system: a whole-population linked administrative data study from Manitoba.	14. Fiona Grimm, Dan Lewer, John Craig, Rafi Rogans-Watson and Jenny Shand. Using cross-sector data linkage to track patient journeys across health and social care	160. Ashley Akbari, Stuart Bedston, Hoda Abbasizanjani, Gareth Davies, Richard Fry, Emily Lowthian, Jane Lyons, Rhiannon Owen, Fatemeh Torabi, Kamlesh Khunti and Ronan Lyons. Developing a population-scale harmonised ethnicity-spine in Wales	145. Lisa Kent, Dermot O'Reilly and Aideen Maguire. Impact of the COVID-19 pandemic on commencement of psychotropic medications in Northern Ireland: a population-wide, administrative data linkage study	118. David Westlake, Kim Munnery, Linda Adara, Lena Meister, Philip Pallmann, Stavros Petrou, James White and Fiona Lugg-Widger. Evaluating a school-based intervention through routine local authority data and national school data: Challenges and opportunities.	57. Marta Wilk, Carol Dezateux, Silvia Liverani and Gill Harper, Who lives in overcrowded households in north-east London? Cross-sectional study of linked electronic health records and Energy Performance Certificate register data.

Scientific Programme continued

Parallel Session B – Wednesday 15:20-16:40 Each slot is 15 minutes

Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD Expert panel
2	146. Emily Jefferson, Susan Krueger, Ruairidh Macleod, James Sutherland, Thomas Nind, Roy Mudie, Bianca Prodan, Andrew Brooks, Robert Wallace, Carole Morris, Jacqueline Caldwell, Rob Baxter and Mark Parsons. An architecture for building cohorts of images from real-world clinical data from the whole Scottish population supporting research and AI development	93. Kim Naude, Emily Parker, Roisin McNaney, Michelle Daniel, Richard Beare, Velandai Srikanth and Nadine Andrew. Who is your community? Co-designing a community engagement strategy for an emerging data platform	59. Michael Robling, Rebecca Cannings-John and Fiona Lugg-Widger. Using multiple routine data sources linked to a trial cohort to establish the longer-term effectiveness of specialist home visiting in England: main results of the BB:2-6 study of the Family Nurse Partnership	88. Tanya Ravipati, Nadine E Andrew, Velandai Srikanth and Richard Beare. Challenges in public healthcare research data warehouse integration and operationalisation	176. Emily Brownell, Julianne Sanguins, Jennifer Enns, Marni Brownell, Randy Walld, Farzana Quddus, Shannon Allard-Chartrand, Anita Durksen, Janelle Boram Lee, Lorna Turnbull, Marcelo Urquia, Alyson Mahar, Elizabeth Wall-Wieler, Hygiea Casiano and Nathan Nickel. Risk of children being taken into care amongst Metis parents experiencing incarceration: A linked administrative data study	22. Katie Hunter. Using Linked Administrative Data to Explore Ethnicity, Care Experience and Justice Systems Involvement: Challenges and Possibilities	82. Roheema Ewesesan, Mariette Chartier, Nathan Nickel, Elizabeth Wall-Wieler and Marcelo Urquia. Combining immigration records with a postpartum population-based survey to assess prevalence of perinatal psychosocial and behavioral risk factors among immigrant subgroups.	130. Aideen Maguire, Lisa Kent, Denise O'Hagan, Euan Paterson and Dermot O'Reilly. Impact of the COVID-19 pandemic on Self-Harm and self-harm/suicide Ideation and subsequent mortality in Northern Ireland: a longitudinal, population-wide data linkage study	4. Matthew Jay, Louise Mc Grath-Lone, Bianca De Stavola and Ruth Gilbert. Evaluation of non-enrolment of children in all English state schools: linked, administrative data cohort study of children receiving social care and their peers	85. Alexandra Procter, Catherine Chittleborough, Rhiannon Pilkington, Odette Pearson, Alicia Montgomerie and John Lynch, The hospital burden of intergenerational contact with the welfare system: A whole-of-population linked data study

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD Expert panel
3	237. Emily Jefferson, Christian Cole, Alba Crespi Boixader, Simon Rogers, Maeve Malone, Felix Ritchie, Jim Smith, Francesco Tava, Angela Daly, Jillian Beggs and Antony Chuter. GRAIMatter: Guidelines and Resources for AI Model Access from TrusTED Research environments (GRAIMatter)	163. Amy Freier, Carolyn Shimmin, Mariette Chartier, Jennifer Enns, Scott McCulloch, The Methamphetamine Use In Manitoba Research Team and Nathan Nickel. Methamphetamine Use in Manitoba: An Evidence-to-Action (E2A) approach to a linked administrative data study	286 Matthew Iveson Childhood cognitive ability and the risk of self-harm and suicide in later life	105. Stela McLachlan, Samantha Berman, Katharine Evans, Christie Levein, Rebecca Whitehorn, Jacqueline Oakley, Kirsteen Campbell and Robin Flaig. The challenges of developing an application process for a new linked data resource	198. Catia Malvaso, Michaela Magann, Pedro Santiago, Alicia Montgomerie, Rhiannon Pilkington, Paul Delfabbro and John Lynch. Early Versus Late Contact with the Youth Justice System: Differences in Characteristics Measured at Birth, Child Protection System Contact and Adolescent Mental Health Outcomes	1. Qun Miao, Sandra Dunn, Shi-Wu Wen, Jane Lougheed, Fayza Sharif and Mark Walker; Associations of Congenital Heart Disease with Deprivation Index by Rural-Urban Maternal Residence: A Population-Based Retrospective Cohort Study in Ontario, Canada	95. Rob Trubey, Ian Thomas, Rebecca Cannings-John and Peter Mackie. Linkage of people experiencing homelessness using two consent models	144. Joe Kelly and Alison Judd. Coronavirus (COVID-19) infection rates and vaccination uptake in school pupils in England.	9. Rebecca Mitchell, Anne McMaugh, Carolyn Schniering, Cate Cameron, Reidar Lystad, Tim Badgery-Parker and Olav Nielssen. Mental disorders and their impact on academic performance in Australia: a matched population-based cohort study	86. Alexandra Procter, Catherine Chittleborough, Rhiannon Pilkington and John Lynch, Intergenerational welfare and contact with the child protection system

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD Expert panel
4	261. James Rafferty, Alexandra Lee, Ed Bennett, Jane Lyons, Farideh Jalali-Najafabadi, Thamer Ba Dhafari, Alan Watkins, Alexander Pate, Glen Martin, Ashley Akbari, Ronan Lyons, Niels Peek and Rowena Bailey. Analysis of disease clusters and patient outcomes in people with multiple long term conditions using hypergraphs	168. Elizabeth Ford, Kathryn Stanley, Melanie Rees-Roberts, Anotida Madzvamuse, Jo Armes and Sarah Giles. Co-creating a social licence for using novel linked datasets for planning and research in Kent, Surrey and Sussex: results of deliberative focus groups and a creative workshop	124. Joanna McLaughlin and Andrew Judge. Linkage of routinely-collected healthcare data and bespoke research questionnaire data to best serve NHS patient study participants	137. Orna Fennelly, Bruno Voisin, Marta Olszewska, Derek Corrigan, Frank Moriarty, Tom Fahey, Divyajyoti Sarkar, Sherif Nagy and Simon Wong. DASSL “Data Access Sharing Storage & Linkage” Proof-of-Concept: Health and Related Data Linkage in Ireland.	201. Catia Malvaso, Pedro Santiago, Rhiannon Pilkington, Alicia Montgomerie and John Lynch. Predicting Youth Justice supervision among young people placed in out-of-home care before age 10	121. Paul Caskie and Sian Morrison-Rees. AD ARC (Administrative Data Agri-Research Collection): Linking Individual, Household and Farm Business Data for Agricultural Research	115. Ian Thomas. Coronavirus vaccination coverage and timeliness among people experiencing homelessness in Wales, UK: A population-level analysis of linked healthcare and substance use services data	128. Jessica Butler, Mintu Nath, Dimitra Blana, William Ball, Nicola Beech, Corri Black, Graham Osler, Sebastien Peytrignet, Magdalena Rzewuska, Katie Wilde, Artur Wozniak and Simon Sawhney. The clinically extremely vulnerable to COVID: Identification and changes in healthcare while self-isolating (shielding) during the coronavirus pandemic	42. Janelle Boram Lee, Elizabeth Wall-Wieler and Leslie L Roos. Linking Canadian Administrative Data: Income Trajectories, Residential and School Mobility, and Grade 3 Academic Achievement	99. Sarah McKenna, Aideen Maguire and Dermot O'Reilly, Uptake of psychotropic medication amongst young adults known to social services in childhood: a longitudinal population-wide cohort study in Northern Ireland

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD Expert panel
5	280 Andy Boyd, Robin Flaig, Jacqui Oakley, Kirsteen Campbell, Katharine Evans, Stella McLachlan, Richard Thomas and Emma Turner The UK Longitudinal Linkage Collaboration: a trusted research environment for the longitudinal research community.	224. Elizabeth Nelson and Dermot O'Reilly. On shifting sands: Achieving policy impact in challenging political circumstances	134. Abdelmajid Djennad, Stefan Jahr, Ross Harris and Andre Charlett. Probabilistic linkage of multiple data sources for estimating prevalence of problem drug users in England in 2018/19	314 Jacqui Oakley, Robin Flaig, Emma Turner, Kirsteen Campbell, Katharine Evans, Stela McLachlan, Richard Thomas and Andrew Boyd The UK Longitudinal Linkage Collaboration legal & governance framework: managing 'delegated and distributed' data processing working with cross-sectorial data owners	221. Ian Farr, Carys Jones, Laura Cowley, Bachar Alrouh, Linda Cusworth, Ashley Akbari, Stefanie Doebler, Karen Broadhurst, David Odd and Lucy Griffiths. Health service use of infants involved in family justice care and supervision proceedings in Wales: a longitudinal national data linkage study	215 Rhodri Johnson, Amy Mizen, Rowena Bailey, Lucy Griffiths and Richard Fry Associations between household garden size and childhood obesity in Wales, UK	299. Polina Obolenskaya. Exploring the potential of the newly linked Growing up in England dataset for building up new evidence for Gypsy, Traveller and Roma young people	Nathan C. Nickel, Julianne Sanguins, Okechukwu Ekuma, Carole Taylor, Nkiruka Eze, Oludolapo Deborah Balogun, Hera Casidsid, Marni Brownell, Mariette Chartier, Francis Chartrand, Daniel Chateau, Michelle Driedger, Jennifer Enns, Alan Katz, Olena Klos, Lisa Lix, Alyson Mahar, Rachelle Neault and Marcelo Urquia; Title: Experiences of Red River Métis Accessing COVID Vaccines: A partnership-based, whole-population linked administrative data study	69. Natalie Spadafora, Caroline Reid-Westoby, Molly Pottruff, Jade Wang, Eric Duku and Magdalena Janus. An investigation of kindergarten educator reported barriers and concerns and school neighbourhood composition in Ontario, Canada	

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD Expert panel
6	297 Kristina Cimova, David Henderson, Mirjam Allik, Denise Brown, Petra Meier, Charlie Mayor, Nick Watson, Peter Craig and Emily Tweed Barriers and facilitators of cross-sectoral data linkage to inform healthy public policy and practice: lessons from three case study projects in Scotland	346. Alison Paprica, Kim McGrail, Monique Crichlow, Donna Curtis Maillet, Sarah Kesselring, Conrad Pow, Thomas Scarnecchia and Michael Schull. Public Engagement and other Essential Requirements for Data Trusts, Data Repositories and Other Data Collaborations	180. Nadine Andrew, Richard Beare, Tanya Ravipati, Emily Parker, Taya Collyer, David Ung and Velandai Srikanth. The National Centre for Healthy Ageing data platform: establishing an Electronic Health Record derived linked geographic cohort	177. David Clark and Chris Dibben. Adding a Residential Dimension to the Scottish Population Spine – CHI-UPRN Residential Linkage (CURL)	139. Linda Cusworth, Claire Hargreaves, Bachar Alrouh, Karen Broadhurst, Lucy Griffiths, Ashley Akbari, Ann John and Rhodri Johnson. Adults in private family law proceedings in Wales: characteristics and vulnerabilities		202 Passiona Cottee, Ximena Camacho, Natalie Cooper and Katie Irvine A blueprint for enduring human services cross-jurisdictional data linkage, adapted to achieving outcomes for people with disability	152. Rhiannon Owen, Jane Lyons, Ashley Akbari, Gareth Davies, Rowena Griffiths, Fatemeh Torabi and Ronan Lyons. Direct and indirect effects of the COVID-19 pandemic on mortality: an individual-level population-scale analysis	74. Anna Rawlings, Ieuan Scanlon, Svetlana Glinianaia, Judith Rankin, Maria Loane, Joan Morris, Dan Thayer, David Tucker and Sue Jordan. A national data linkage study to determine the association of congenital anomalies with standardised education outcomes	

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	ELSI	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD
1	3. José Araújo, Juan Silva, André Costa-Martins, Vanderson Sampaio, Daniel Castro, Robson Souza, Jeevan Giddaluru, Pablo Ramos, Robespierre Pita, Maurício Barreto, Manoel Netto and Helder Nakaya; Enabling Fast and Accurate Record Linkage of Large-Scale Health-Related Administrative Databases Through a DNA-Encoded Approach	151. Alice Toms and Simon Whitworth; Ethical considerations in the use of Machine Learning for research and statistics	63. Francesca Cavallaro, Rebecca Cannings-John, Fiona Lugg-Widger, Jan van der Meulen, Ruth Gilbert, Eilis Kennedy, Michael Robling and Katie Harron. Challenges and lessons learned from two countries using linked administrative data to evaluate the Family Nurse Partnership	181. Robin Urquhart, Philip Awadalla, Parveen Bhatti, Trevor Dummer, Simon Gravel, Jennifer Vena, Riaz Alvi, Philippe Broet, Cynthia Kendell, Victoria Kirsh, Guillaume Lettre, Kimberly Skead, Grace Shen-Tu, Ellen Sweeney and Donna Turner; Harnessing the power of data linkage to enrich the cancer research ecosystem in Canada	326. Heather Palis, Kevin Hu, Tonia Nicholls and Amanda Slaunwhite; Mental health services access and reincarceration following release from provincial prisons in British Columbia, Canada	26. Colleen Webber, Christina Milani, Christine Watt, Shirley Bush, Peter Lawlor, Genevieve Casey, Lise Bjerre, Michael Pugliese, Frank Knoefel, Franco Momoli, Kednapa Thavorn and Peter Tanuseputro; Potentially inappropriate prescribing in long-term care residents and its association with probable delirium	64. Saera Chun, Jenny Ombler and Tiria Pehi; Outcomes for Māori clients in the Housing First programme in Aotearoa New Zealand	52. Babak Jahanshahi, Duncan McVicar, Neil Rowland, Mark McGovern and Dermot O'Reilly. Is Long-Term Exposure to Ambient Air Pollution a Risk Factor for Parkinson's Disease	28. Stuart Jarvis, Gerry Richardson, Kate Flemming and Lorna Fraser; Linked routine health data enables estimation of transition point to adult healthcare and better assessment of changes in emergency care	269. Adeniyi Fagbamigbe, Utkarsh Agrawal, Amaya Azcoaga-Lorenzo, Briana MacKerron and Colin McCowan; Clustering of 31 health conditions among multimorbid people in Fife and Tayside, Scotland: E-cohort analysis

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	ELSI	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD
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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	ELSI	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD
3	83. Charini Nanayakkara and Peter Christen; Efficient population record linkage with temporal and spatial constraints	186. Felicity Flack, Carolyn Adams and Judy Allen; Better decision making practices and processes	272. Laura Hay, Lorna Watson and Peter D Donnelly; Linking health and social care data to identify teenage pregnancy outcomes for Care Experienced Young People in Fife	216. Theodora Kokosi, Bianca De Stavola, Robin Mitra, Andrew Copas and Katie Harron; Barriers and facilitators to generating synthetic administrative data for research	220 Katy Huxley, Rhys Davies, Catherine Foster and Chris Taylor Comparing socio-economic measures as predictors of educational attainment	76. Maya Murmann, Douglas Manuel, Peter Tanuseputro, Carol Bennett, Michael Pugliese, Rhiannon Roberts, Wenshan Li and Amy T. Hsu; Care trajectory in homes care users across mortality-risk profiles: an observational study	200 Benjamin Harrap, Alison Gibberd, Melissa O'Donnell, Koen Simons and Sandra Eades Trends in the removal of Aboriginal children in Western Australia	162. Emily Gard Marshall, David Stock and Richard Buote; The impact of not having a primary care provider on emergency department utilization and hospitalizations before and during COVID-19: A novel retrospective cohort study linking primary care waitlists with administrative billing data	183. Amani Hamad, Lin Yan, Joseph Delaney, Mohammad Jafari Jozani, Pingzhao Hu, Shantanu Banerji and Lisa Lix; Prediction of Asthma Risk Using Family Health Histories identified from Population-based Electronic Healthcare Records	337. Lyndsay Harrison, Alyson Mahar, Natalie Coburn, Randy Boyes, Michael Pugliese, Carolyn Compton, Gail Darling, Laura Davis, Kathleen Decker, Vaibhav Gupta, Biniam Kidane, Douglas Manuel, Jolie Ringash, Donna Turner and Amy Hsu; Development of a Prediction Model for Survival Time in Esophageal Cancer Patients Treated with Resection

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	ELSI	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD
4	275. Mary Ann Megan Cleaton, Josie Plachta and Rachel Shipsey; Exploring Goldstein et al.'s Scalelink method of data linkage	246. Bethania de Araujo Almeida, Denise Moraes Pimenta and Mauricio Barreto; Perceptions and experiences on data sharing and linkage for research and the evaluation of public health policy	283. Elizabeth Lemmon, Rebecca Birch, Peter Hall, Eva Morris and Amy Downing; Analytical considerations when using the Scottish and English Cancer Registries for applied research: the case of colorectal cancer	232. Robin Flaig, Jacqui Oakley, Kirsteen Campbell, Katharine Evans, Stela McLachlan, Richard Thomas, Emma Turner and Andy Boyd; UK Longitudinal Linkage Collaboration – and the challenges in creating a new Longitudinal Populations Studies linked data resource	253 Michael Fleming Educational and health outcomes of schoolchildren in local authority care in Scotland: a retrospective record linkage study	91. Gillian Caughey, Olivia Ryan, Maria Crotty, Craig Whitehead, Susan Hillier, Keith Evans, Marilyn Von Thien, Cassie Mason, Chris Radbone, Jane Mussared, Julie Ratcliffe, Sally Tideman, Anna Barker, Anna Sheppard, Caroline Miller, Odette Pearson, Megan Corlis, Allen Candy, Steve Wesselingh and Maria Inacio; The Registry of Senior Australians: Informing Aged Care Policy Reforms	178. Nathan C. Nickel, Wanda Phillips-Beck, Leona Star, Ekuma Okechukwu, Carole Taylor, Oludolapo Deborah Balogun, Marni Brownell, Hera Casidsid, Mariette Chartier, Dan Chateau, Jennifer Enns, Alan Katz, Josee Lavoie, Lisa Lix, Alyson Mahar, Razvan Romanescu and Marcelo Urquia; Documenting First Nations Access to COVID Vaccines: A whole-population linked administrative data study	174. David Harrison, Peter Watkinson, James Doidge, Manu Shankar-Hari, Paul Mouncey, Martina Patone, Carol Coupland, Julia Hippisley-Cox and Kathryn Rowan; Impact of vaccination on COVID-19-associated admissions to critical care in England: a study of population linked data with quantitative bias analysis for linkage error	109. Jan Savinc, Nadine Dougall, Margaret Maxwell, Thanos Karatzias, Rory O'Connor, Brian Williams, Ann John, Helen Cheyne, Claire Fyvie, Jonathan Bisson, Carina Hibberd, Susan Abbott-Smith and Liz Nolan; Childhood adversity, mental health and suicide (CHASE): a longitudinal case-control linked data study of lifetime inpatient records associated with suicide	342. Mahsa Jessri, Anan Bader Eddeen, Jodi Bernstein, Claudia Sanmartin, Carol Bennett and Douglas Manuel; Development and validation of a cardiovascular disease risk-prediction model using population health surveys and dietary indices: the Cardiovascular Disease Population Risk Tool – Nutrition (CVDPoRT-Nutrition)

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	ELSI	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD
5	306. Helen Blake, Linda Sharples, Katie Harron, Jan van der Meulen and Kate Walker; Linkage of multiple electronic health record datasets using a "spine linkage" approach compared to all "pairwise linkages"	254. Lily O'Flynn; Empowering analysts to undertake ethically and legally appropriate public good research	288. Matthew Iveson, Mark Adams and Andrew McIntosh; Creating a new mental health e-cohort using the SHARE research register: Linking questionnaire, genetic and routine health data	249. Sadaf Asrar, Imer Arnautovic and Dan Loew; An Approach to Collecting School District Level COVID-19 Mask Mandate Information in the United States form the Web using Tools Powered by Artificial Intelligence	173 Magdalena Janus, Jeanne Sinclair, Jennifer Hove and Scott Davies Building partnerships, capacity, and knowledge through a use of newly linked child development and education datasets in Ontario, Canada	79. Jason Black, David Campbell, Kerry McBrien, Paul Ronksley, Eddy Lang and Tyler Williamson; Impact of the Choosing Wisely Canada recommendations on potentially inappropriate antibiotic prescribing in emergency medicine across Alberta, Canada: An interrupted time-series analysis	179. Nathan Nickel and Wanda Phillips-Beck; Supporting health and well-being among infants born to First Nations parents experiencing incarceration: a partnership-based whole-population administrative data study	334. Leah Maizey, Josie Plachta, Holly Clarke, Sarah Collyer, Sarah Cummins, Gabriela De La Serna, Shelley Gammon, Ben Harries, Elizabeth Pereira and Caroline Youell; COVID-19 transmission and infection: linkage of COVID-19 Infection Survey, Test and Trace, and Patient Demographics Survey	195. Alicia Montgomerie, Rhiannon Pilkington and John Lynch; Using linked administrative data to move from an individual unit to family units: An example from child protection policy to better inform family focused interventions	343. Svilena Lazarova and Mahsa Jessri; Associations between dietary patterns and cardiovascular disease risk in Canadian adults: a comparison of partial least squares, reduced rank regression and the simplified dietary pattern technique

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
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6	259 Mahmoud Azimae and Lisa M. Lix Federated Learning for cross-jurisdictional analyses: A case study	277. Irina Lut, Katie Harron, Pia Hardelid, Margaret O'Brien and Jenny Woodman; Linking fathers and children in administrative data for public health research: A systematic scoping review	341. Christopher Radbone, Kerri Beckmann, David Roder, Michael O'Callaghan, Kim Moretti, Liesel Fitzgerald and Liz Buckley; Multi-jurisdictional Prostate Cancer Registry Linkage	251. Charlie Tomlin and David Edwards; 2021 Census to Census Coverage Survey Matching Results	41. Laura Cowley, Laura North, Karen Broadhurst, Stefanie Doebler, Linda Cusworth and Lucy Griffiths; How do infants enter and move through the care and family justice systems in Wales? Protocol for a population-based data linkage study	114. David Snowdon, Velandai Srikanth, Lucy Marsh, Richard Beare, Emily Parker and Nadine Andrew; Mapping the use of patient reported outcomes at a health organisation to inform integration into hospital data systems	199. Benjamin Harrap, Alison Gibberd, Melissa O'Donnell, Koen Simons and Sandra Eades; Reflections as a settler person doing research in collaboration with Indigenous peoples	217. Richard Fry, Joe Hollinghurst, Laura North, Chris Emmerson, Sara Long, Ashley Akbari, Mike Gravenor and Ronan Lyons; Assessing the impacts of COVID-19 on Care Homes in Wales	222. Richard Silverwood, Nasir Rajah, Lisa Calderwood, Bianca De Stavola, Katie Harron and George Ploubidis; Examining the quality and sample representativeness of linked 1958 National Child Development Study and Hospital Episode Statistics data	

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE	MS	DL	RWD	RWD	RWD	RWD	RWD	DL Expert Panel
1	27. Peter Christen and Rainer Schnell; Avoiding the Peak of Inflated Expectations: Common Misconceptions in Population Data Research	21. Lara Greaves, Cinnamon Lindsay, Eileen Li, Emerald Muriwai and Andrew Sporle; Māori and Linked Administrative Data: A Critical Review of the Literature and Suggestions to Realise Māori Data Aspirations	41. Laura Cowley, Laura North, Karen Broadhurst, Stefanie Doebler, Linda Cusworth and Lucy Griffiths; How do infants enter and move through the care and family justice systems in Wales? Protocol for a population-based data linkage study	266. Marie-Chantal Ethier, Juliana Wu, Carina Marshall and Felicity Flack; Cross-jurisdictional data access processes and coordination in two countries: key learnings and innovative approaches	229. Nasir Rajah, Lisa Calderwood, Bianca De Stavola, Katie Harron, George Ploubidis and Richard Silverwood; Using linked Hospital Episode Statistics data to aid the handling of non-response and restore sample representativeness in the 1958 National Child Development Study	25. Colleen Webber, Abe Hafid, Anastasia Gayowsky, Michelle Howard, Peter Tanuseputro, Aaron Jones, Mary Scott, Amy Hsu, James Downar, Doug Manuel, Katrin Conen and Sarina Isenberg; Potentially non-beneficial interventions in the last 100 days of life of patients with cancer: A population-based retrospective cohort study	61. Francesca Cavallaro, Sally Kendall, Jan van der Meulen, Eilis Kennedy, Emma Howarth, Ruth Gilbert and Katie Harron. Evaluation of the real-world implementation of the Family Nurse Partnership in England: an observational cohort study using linked data from health, education and children's social care	147. Janelle Boram Lee, Henry Ntanda, Kharah Ross and Nicole Letourneau. Maternal Mental Health, Child Distress and Family Strain During the COVID-19 Pandemic: Linking the Provincial Longitudinal Cohort with the COVID-19 Impact Survey Data in Canada	234. Paul Longley, Justin van Dijk and Tian Lan. Linkage of historical GB Census data to present day population registers	13. Nishadi Kirelle, Peter Christen and Garrett Eilidh, Identifying prenuptial births from family pedigrees using record linkage

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE	MS	DL	RWD	RWD	RWD	RWD	RWD	DL Expert Panel
2	149. Isobel Ward, Cameron Razieh, Rose Drummond, Vahé Nafilyan, Neil Bannister and Myer Glickman; Assessing the reliability of ethnicity data recorded in health-related administrative datasets in England	55. Wanda Phillips-Beck, Nathan Nickel, Marni Brownell, Josée Lavoie, Shultz Annette and Jaime Cidro; A Decolonizing Approach in Population Health Research: Examining the Association between the federal maternal evacuation policy on Maternal and Child outcomes in First Nation (FN) Communities in Manitoba	103. Rohan Borschmann, Claire Keen, Jesse Young and Stuart Kinner; Increased risk of death following release from incarceration: an individual participant data meta-analysis of 1,314,568 adults in eight countries.	293. Xueyang Wang, Emma Adams, Catherine Bee, Anna Guyatt, Catherine John, Richard Packer, David Shepherd, Laura Venn, Martin Tobin and Robert Free; Improved data linkage in the Extended Cohort for E-health, Environment and DNA (EXCEED) study through an electronic informed consent (eConsent) and recruitment management system	282. Barry Forer, Molly Pottruff, Eric Duku, Martin Guhn and Magdalena Janus; The Canadian Neighbourhood Early Childhood Development (CanNECD) Socioeconomic Index: Stability and Measurement Invariance Over Time	87. Amy T. Hsu, Cathryn Espadero, Peter Tanuseputro, Carol Bennett, Sarah Beach, Rhiannon Roberts and Douglas Manuel; Using routinely collected data to develop and evaluate a clinical identification of palliative care needs in long-term care: The RESPECT Project	104. Amani Hamad, Barret Monchka, Leslie Roos, James Bolton, Oleguer Plana-Ripoll, Mohamed Elgendi and Lisa Lix; The Intergenerational Transfer of Mental Disorders: A Population-based Multigenerational Linkage Study	244. Cathy Qi, Tim Osborne, Rowena Bailey, Joe Hollinghurst, Ashley Akbari, Alison Cooper, Ruth Crowder, Holly Peters, Rebecca-Jane Law, Anthony Davies, Ruth Lewis, Mark Walker, Adrian Edwards and Ronan Lyons; The impact of COVID-19 pandemic on trends in the recorded incidence of Long-Term Conditions identified from routine electronic health records between 2000 and 2021 in Wales: a population data linkage study	150. Georgina Eaton, Kylie Hill and Amy Summerfield; Data First: Criminal Courts Linked Data research report	80. Vinyas Harish, Mathieu Ravaut, Seung Eun Yi, Jahir Gutierrez, Hamed Sadeghi, Kin Kwan Leung, Tristan Watson, Kathy Kornas, Tomi Poutanen, Maksims Volkovs and Laura Rosella, Developing Machine Learning Algorithms on Routinely Collected Administrative Health Data - Lessons from Ontario, Canada

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Parallel Session D – Thursday 14:40-16:10 Each slot is 15 minutes

Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE	MS	DL	RWD	RWD	RWD	RWD	RWD	DL Expert Panel
3	171. David Clark, John Reid, Dave Bailey, Suhail Iqbal, Heather Clydesdale, Ken Humphreys, Jade Carruthers, Lena Henderson, Martin Reid and Adebusola Ramsay; Revisiting the Quality of the Scottish Record Linkage System	110. Ruth Lavergne, Ruth Carillo, Shira Goldenberg, Selamawit Hagos, Stefanie Machado, Sandra Peterson, Elmira Tayyar, Padmini Thakore, Cecilia Sierra-Heredia, Susitha Wanigaratne and Mei-Ling Wiedmeyer; Engaging im/migrant communities in cross-sectoral health and immigration data linkage research	112. Ludivine Garside and Helen Hodges; Devolved jurisdictions: experience from early research users of family justice data in SAIL Databank	303. Helen Blake, Linda Sharples, Katie Harron, Jan van der Meulen and Kate Walker; Linkage of national clinical datasets without patient identifiers using probabilistic methods	294. Milena Marszalek, Nicola Firman, Marta Wilk, Kate Homer, Gill Harper and Carol Dezateux; Are children who do not receive their first Measles Mumps and Rubella (MMR1) vaccination by 24 months more likely to share a household with older non-vaccinated children? Linked household-level analysis of primary care electronic health records (EHRs)	111. Jan Savinc and Iain Atherton; Differences in end-of-life health service usage between people who died at home before and during the pandemic in Scotland.	233. Finola Ferry, Michael Rosato and Gerard Leavey; Mind the gap: an administrative data analysis of dental treatment outcomes and severe mental illness	258. Natalie Troke, Diana An, Eliane Kim, Yona Lunsky, Robert Balogh and Lesley Plumptre; COVID-19 testing, infection rates, and related outcomes in adults with intellectual and developmental disabilities (IDD): An application of linked administrative health data to support Ontario's COVID-19 response	204. Daniel Griffiths, Michael Di Donato, Tyler Lane, Shannon Gray, Ross Iles, Janneke Berecki-Gisolf, Peter Smith and Alex Collie; Changes in health and welfare after workers' compensation benefits cease	281. Maria Elstad, Abdel Douiri and Jo Røislien, Evaluation of the reported data linkage process and associated quality issues for linked routinely collected healthcare data in Multimorbidity research: a systematic review

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE	MS	DL	RWD	RWD	RWD	RWD	RWD	DL Expert Panel
4	236. Dickman Gareta, Dorina Onoya, Kobus Herbst and Jacob Bor; Piloting and validating the linkage of routine ART and laboratory records in an HIV endemic setting	122. Piotr Teodorowski, Saiqa Ahmed, Naheed Tahir, Kate Fleming, Sarah Rogers and Lucy Frith; Involvement and engagement of seldom-heard communities in big data research	46. David Rowley and Caroline Ellis; Administrative Data Based Population Estimates for Scotland	315. Yu Deng, Lacey Gleason, Adam Culbertson, Don Asmonga, Shaun Grannis and Abel Kho; The changing nature of patient attributes available for matching	311 Therese Stukel, Astrid Guttmann, Natasha Saunders and Longdi Fu Statistical methods for assessing the impact of the Covid-19 pandemic on health services use: Paediatric primary care and mental health access	238. Colleen Webber, Christina Milani, Anna Clarke, Sarina R Isenberg, James Downar, Daniel Kobewka, Amy Hsu, Jenny Lau, Aynharan Sinnarajah, Jessica Simon, Kaitlyn Boese, Amit Arya, Breffni Hannon, Rhiannon Roberts, Luke Turcotte, Michelle Howard, Colleen Maxwell and Peter Tanuseputro; Using linked administrative data to evaluate and improve the quality of end-of-life care in nursing homes	165. Emma Ross, Dermot O'Reilly and Aideen Maguire; Mental health, firearm ownership, and risk of death by suicide: a population-wide data linkage study.	279. Nynke Halbesma, Andy Kent and Gareth Clegg; Epidemiology of out-of-hospital cardiac arrest in Scotland; impact of Scottish strategy and COVID-19 pandemic.	206. Hsei Di Law, Dinith Marasinghe, Nicholas Biddle, Danielle Butler, Emily Lancsar, Jane Desborough and Rosemary Korda; Progressivity of out-of-pocket costs for Medicare-subsidised services and medicines in Australia	312. Jeremy Foxcroft, Kris Inwood and Luiza Antonie, Linking Eight Decades of Canadian Census Collections

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Parallel Session D – Thursday 14:40-16:10 Each slot is 15 minutes

Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE	MS	DL	RWD	RWD	RWD	RWD	RWD	DL Expert Panel
5	263. Isabel Youngs, Christopher Dick, Ronald Prevost and Claire Bowen; Expectations for the 2020 Decennial Census and How They Stood Up to Scrutiny	192. Mariette Chartier, Garry Munro, Nora Murdock, Frank Turner, Leanne Boyd, Laurence Katz, Marni Brownell, Depeng Jiang, Amanda Martinson, Janique Fortier and Jitender Sareen; Linking Databases in Collaborative and Culturally Safe Ways to Evaluate the Effectiveness of PAX-Good Behaviour Game (PAX) in First Nations Communities	170. Anita Durksen, Wanda Phillips-Beck, Joykrishna Sarkar, Farzana Quddus, Jennifer Enns, Mariette Chartier, Nathan Nickel and Marni Brownell; Considerations and Consequences when using First Nations Identifiers in Administrative Data Research	335. James Wilton, Jalud Abdulmenan, Mei Chong, Ana Becerra, Michael Coss, Marsha Taylor, Ognjenka Djurdjev, Drona Rasali, Hind Sbihi, Mel Krajden, Alexandra Flatt, Seyed Ali Mussavi Rizi and Naveed Janjua; A large linked data platform to inform the COVID-19 response in British Columbia: The BC COVID-19 Cohort	36. Mitana Purayastha, Stephen Roberts, Julian Gardiner, Daniel Brison, Scott Nelson, Deborah Lawlor and Alastair Sutcliffe; A national cohort of children born after assisted conception in the UK (1992-2009)	267. Iain Atherton, Michelle Jamieson and Jan Savinc; Palliative care, unpaid care and deprivation in Scotland: a study using census and vital registration data	219. Stine Scheuer, Kelly Fleetwood, Kirsty Licence, Stewart Mercer, Daniel Smith, Sarah Wild and Caroline Jackson; Severe mental illness and quality of diabetes care: a retrospective national linked cohort study	284. Shelley Gammon, Rachel Shipsey, Charlie Tomlin and Josie Plachta; Bespoke automated linkage to enable analysis of covid deaths by ethnicity	230. Mirjam Allik, Alastair Leyland and Marion Henderson; Longitudinal study of diabetes prevalence and hospitalisations among care experienced and general population children in Scotland: evidence of an end of care “cliff edge”?	313. Nicholas Vinden, Jeremy Foxcroft and Luiza Antonie, Analysing Siamese Neural Network Architectures for Computing Name Similarity

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Parallel Session D – Thursday 14:40-16:10 Each slot is 15 minutes

Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)	
Theme	DL	PE	MS	DL	RWD	RWD	RWD	RWD	RWD	DL Expert Panel	
6	268. Isabel Youngs and Joseph Scariano; A Field Analysis of Standardizing Place-Based Indicators	325. Beth Rachlis, Kathleen Qu, Justice Seidel, Yantao Zhao, Kiana Seidel, Robert Gagnon, Sandra Kioke, Elaine Innes, Minnie Ho, Charles Victor, Sujitha Ratnasingham, Jennifer D. Walker and Loretta Loon; Weeneebayko Area Health Authority-ICES-Laurentian University Collaboration: Working together to support communities with Indigenous Health Research in the James and Hudson Bay Region, in Northeast Ontario, Canada	101. Elena Ougrinovski and Bronwyn Wilson; DESIGN AND CREATION OF A POPULATION-WIDE LINKAGE SPINE	336. Minnie M. Ho, Stefana Jovanovska, Jenna Novess, Dina Skvirsky, Refik Saskin and J. Charles Victor; ICES Data and Analytic Services: Eight Years Young		300. Christina Milani, Colleen Webber, Anna Clarke, Sarina Isenberg, James Downar, Daniel Kobewka, Amy Hsu, Jenny Lau, Aynharan Sinnarajah, Jessica Simon, Kaitlyn Boese, Amit Arya, Rhiannon Roberts, Luke Turcotte, Michelle Howard, Colleen Maxwell, Benoit Robert and Peter Tanuseputro; The Impact of the COVID-19 Pandemic on End-of-Life Prescribing in Ontario Nursing Homes			258. Natalie Troke, Diana An, Eliane Kim, Yona Lunsky, Robert Balogh and Lesley Plumptre; COVID-19 vaccination rates and related outcomes in adults with intellectual and developmental disabilities (IDD): An application of linked administrative health data to support Ontario's COVID-19 response	250. Elizabeth Lemmon, Alasdair Rutherford, Peter Hall, David Bell, David Henderson, Amy Downing and Steve Clark; The use of social care services by individuals aged 50 and over diagnosed with colorectal cancer in Scotland: a linked data study	

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE/PI	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD
1	67. Chuang Gao, Charlie Mayor, Sophie McCall, Katie Wilde, Christian Cole and Emily Jefferson; Towards a Scottish Safe Haven Federation	223. Elisa Jones, Lucy Frith, Anna Chiumento, Sarah Rodgers, Alan Clarke, Sarah Markham and Iain Buchan; Public involvement in big data projects: an ethnographically-informed study	101. Elena Ougrinovski and Bronwyn Wilson; design and creation of a population-wide linkage spine	140. Lisa Lix, Viktoriya Vasykiv, Olawale Ayilara, Lindsey Dahl, Allison Poppel and Saeed Al-Azazi; A Synthesis of Algorithms for Multi-Jurisdiction Research in Canada	188. Mariette Chartier, Garry Munro, Depeng Jiang, Scott McCulloch, Wendy Au, Marni Brownell, Rob Santos, Frank Turner, Leanne Boyd, Nora Murdock, James Bolton and Jitender Sareen; Is PAX-Good Behaviour Game (PAX) Associated with Better Mental Health and Educational Outcomes for First Nations Children?	15. Mai Stafford, Sarah Deeny, Kathryn Marszalek and Jenny Shand; Understanding household health through data linkage	156. Emily Borgundvaag, Lesley Plumptre, Michael Paterson, Diana An, Shelley McLeod, Jean-Eric Tarride, Clare Atzema, Michael Schull, Aikta Verma and Justin Hall; Evaluation of low acuity patients discharged from a virtual emergency department at a major urban academic health sciences centre in Toronto, Canada	302. Andrew Boule, Alexa Heekes, Hannah Hussey, Reshna Kassanjee and Mary-Ann Davies; Feasibility of evaluating COVID-19 vaccine effectiveness and variant severity through a routine health information exchange	265. Mushashu Lumpa, Miquel Duran-Frigola, Albert Manasyan, Jane Matambo, Mulindi Mwanahamuntu, Samuel Bosomprah, Izukanji Sikazwe and Julia Bohlius; ACCESS TO CERVICAL CANCER SCREENING FOR WOMEN LIVING WITH HIV: A RECORD LINKAGE STUDY	50. Ana Morales and Susan McVie; Using Health data to analyse repeat victimisation in Scotland

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Parallel Session E – Friday 10:50-12:20 Each slot is 15 minutes

Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE/PI	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD
2	187. Yang Lu; Semantic-based Privacy-preserving Record Linkage	240. Krzysztof Adamczyk, Shantini Paranjothy and Marjorie Johnston; Give and take? The unexpected benefits of public engagement as an end-in-itself social practice in the Aberdeen Children of the 1950s cohort study	170. Anita Durksen, Wanda Phillips-Beck, Joykrishna Sarkar, Farzana Quddus, Jennifer Enns, Mariette Chartier, Nathan Nickel and Marni Brownell; Considerations and Consequences when using First Nations Identifiers in Administrative Data Research	182. Lisa Lix, Amani Hamad, Lin Yan, Joseph A. Delaney, Elizabeth Wall-Wieler, Mohammad Jafari Jozani, Shantanu Banerji, Olawale Ayilara and Pingzhao Hu; Estimating Disease Heritability from Electronic Healthcare Records: A Proof-of-Concept Study	157. Jennifer Enns, Julianne Sanguins, Randy Walld, Marni Brownell, Lorna Turnbull, Marcelo Urquia, Alyson Mahar, Farzana Quddus, Hygiea Casiano, Shannon Allard Chartrand and Nathan Nickel; Birth outcomes among Métis women and infants in Manitoba, Canada: A linked administrative data study using health system and justice system data	38. Neil Rowland, Babak Jahanshahi, Duncan McVicar, Dermot O'Reilly and Mark McGovern; Exposure to PM 2.5 and Birth Outcomes: Evidence from a Population-wide Database	161. Alan Katz, Carole Taylor, Ekuma Okechukwu and Ruth-Ann Soodeen; Predicting Surgical Service Demands: A Modeling challenge using Administrative Data	311. Therese Stukel, Astrid Guttmann, Natasha Saunders and Longdi Fu; Statistical methods for assessing the impact of the Covid-19 pandemic on health services use: Paediatric primary care and mental health access	40. Jade Hooper, Paul Lambert, Hannah Buchanan-Smith and Tony Robertson; Exploring Social and Locality Variations of Dog Bites in Scotland Using Administrative Data Sources	89. Janelle Boram Lee, Marni Brownell, Tracie Afifi, Lorna Turnbull, Marcelo Urquia and Nathan Nickel; Prenatal Exposure to Intimate Partner Violence and Developmental Health in Children at Kindergarten: Linking Canadian Population-Level Administrative Data

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE/PI	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD
3	256. Luke Farrow, Katie Wilde, Jaroslaw Dymiter, Moragh Boyle, Alexander Weir, James Blackwood, Charlie Mayor, David Harrison and Lesley Anderson; Use of “Hidden in Plain Sight” de-identification methodology in electronic healthcare data provides minimal risk of misidentification: Results from the iCAIRD Safe Haven Artificial Intelligence Platform	141. Magdalena Rzewuska, Sharon Gordon, William Ball, Jessica Butler and Achds Ppie Group; “All about communication” - a perspective on our public involvement practices in the Networked Data Lab in Grampian	112. Ludivine Garside and Helen Hodges; Devolved jurisdictions: experience from early research users of family justice data in SAIL Databank	184. Richard Beare, Adam Morris, Tanya Ravipati, Elizabeth Le, Taya Collyer, Helene Roberts, Velandai Srikanth and Nadine Andrew; A configurable software platform for creating, reviewing and adjudicating annotation of unstructured text	166. Emily Lowthian, Stuart Bedston, Ashley Akbari, Richard Fry, Katy Huxley, Rhodri Johnson, Sara Madeleine Kristensen, Rhiannon Owen, Chris Taylor and Lucy Griffiths; Maternal mental health and children’s development: a bi-directional relationship?	39. Neil Rowland, Duncan McVicar, Babak Jahanshahi, Mark McGovern and Dermot O’Reilly; Long-term Exposure to Ambient PM2.5 and Self-Reported Health: Evidence from Longitudinally-linked Census Data	169. Padma Kaul, Luan Mahn Chu, Douglas Dover, Roseanne O. Yeung, Dean T Eurich and Sonia Butalia; Disparities in adherence to diabetes screening guidelines among males and females in a universal care setting: A population-based study of 1,389,697 adults	316. Alexandra Sandu; Hwb learning platform: data insights into learning and teaching continuity throughout the COVID-19 pandemic	58. Paul Nguyen, Sarah Bateni, Antoine Eskander, Soo Jin Seung, Nicole Mittmann, Kelvin Chan, Nicole Look-Hong and Timothy Hanna; Changes in healthcare costs and survival in the era of immunotherapy and targeted systemic therapy for melanoma	90. Janelle Boram Lee, Nathan Nickel, Tracie Afifi, Lorna Turnbull, Marcelo Urquia and Marni Brownell; Early Childhood Exposure to Intimate Partner Violence and Developmental Vulnerability at Kindergarten: Linking Canadian Population-Level Administrative Data

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE/PI	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD
4	291. Katie Wilde, Lesley Anderson, Moragh Boyle, Alan Pinder and Alexander Weir; Introducing a new Trusted Research Environment - the Safe Haven Artificial Platform (SHAIP)	227. Elizabeth Nelson and Frances Burns; Building a public service infrastructure: Lessons from the Northern Ireland Public Data Panel pilot	46. David Rowley and Caroline Ellis; Administrative Data Based Population Estimates for Scotland	113. Nicole Yada, Michael Schull and Kimberlyn McGrail; Advancing multi-regional research in Canada through collaboration	257. Lucy Carty, Mario Cortina-Borja, Rachel Plachcinski, Chris Grollman and Alison Macfarlane; Neonatal mortality in NHS maternity units by timing of birth and method of delivery: a retrospective linked cohort study	210. Amy Mizen, James Rafferty, Emily Lowthian, Rowena Bailey, Ann John, Richard Fry and Lucy Griffiths; Associations between viewable greenspace and adolescent wellbeing in Wales	203. Daniel Griffiths, Michael Di Donato, Tyler Lane, Shannon Gray, Ross Iles, Janneke Berecki-Gisolf, Peter Smith and Alex Collie; Impacts of past occupational injury and long-duration compensated work disability on future hospital admissions	328. Maria Yury Travassos Ichihara, Rosemeire Leovigildo Fiaccone, Lilia Carolina Carneiro da Costa, Aline Grimberg Pereira de Medeiros, Elzo Pereira Pinto Junior, Rafael Felipe da Silva Souza, Mauricio Lima Barreto, Anderson Ara, Emmanuelle Goes, Julia M Pescarini, Marcos Ennes Barreto and Jaime Gregorio Bellido; Using linked administrative data to build a Social Disparities Index for Covid-19 to evaluate the effects of inequalities on pandemic in Brazil	65. Laurie Berrie, Zhiqiang Feng, Tom Clemens, Lee Williamson and Chris Dibben; Does cycling to work benefit mental health? A natural experiment using linked administrative data.	107. Rosie Cornish, Alison Teyhan, John Macleod, Kate Tilling and Iain Brennan; Measuring serious violence: a comparison of self-reported and police-recorded outcomes in a UK birth cohort linked to local police data

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE/PI	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD
5	322 Amy O'Hara and Stephanie Straus Privacy Preserving Technologies in US Education	245. Emma Curran, Michael Rosato and Gerard Leavey; Multimorbidity and dementia risk in hospitalised patients: an administrative data linkage study of hospital patients in Northern Ireland		194. Pooja Nair, Michael Smith and Maria Theochari; Accelerate the Creation of the cross agency Human Services Dataset	262. Gizachew Tessema, Jennifer Dunne and Gavin Pereira; What matters to short interpregnancy intervals between pregnancies in Western Australia?	167. Natalie Johnston, Elizabeth Ford, Richard Tyler, Vicki Spencer-Hughes, Anotida Madzvamuse, Graham Evans, Kate Gilchrist and Jacqueline Clay; Exploring a novel linked dataset and building linked data analytics skills in Public Health Intelligence teams in Sussex.	207. Hsei Di Law, Bruce Armstrong, Catherine D'Este, Rose Hosking, Kayla Smurthwaite, Susan Trevenar, Nina Lazarevic, Martyn Kirk and Rosemary Korda; Relative rates of cancers and deaths in Australian communities with PFAS exposure	331. Walter Wodchis, Yuqing Bai, Luke Mondor and Ruth Hall; A population-based approach to assessing diabetes management during COVID-19: insights from population data in Ontario, Canada.	79. Jason Black, David Campbell, Kerry McBrien, Paul Ronksley, Eddy Lang and Tyler Williamson; Impact of the Choosing Wisely Canada recommendations on potentially inappropriate antibiotic prescribing in emergency medicine across Alberta, Canada: An interrupted time-series analysis	108. Rosie Cornish, Kate Tilling and Iain Brennan; Evaluating interventions for violence prevention using linked MoJ-DfE data: a feasibility study

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Room	LG.06 (35)	LG.08 (36)	LG.09 (96)	LG.10 (36)	LG.11 (78)	G.01 (30)	G.02 (36)	G.04 (100)	BAYES Centre G03 (50)	G.05 (44)
Theme	DL	PE/PI	MS	DL	RWD	RWD	RWD	RWD	RWD	RWD
6	330 Yuyang Yang, Kelsey Rodriguez, Melissa Basford, Sidd Nambiar, Lew Berman and Abel Kho Ancillary Data Record Linkage to characterize the completeness of data for the All of Us Research Program	329. Maria Y. Ichihara, Adalton dos Anjos Fonseca, Mariana Rodrigues Sebastião and Denise Moraes Pimenta; Public engagement experiences in research using data administrative linkage to build a Social Disparities Index for Covid-19 in Brazil		271. Sarah Collyer and Josie Plachta; Using linkage to assess coverage of population estimates	296. Lee Williamson and Chris Dibben; Understanding the impact of fertility history on health outcomes in later life	287. Clare MacRae, Stewart Mercer and Bruce Guthrie; Variation in multimorbidity prevalence by number of long-term conditions counted: primary care population cross-sectional study	209. Ximena Camacho, Andrea Schaffer, Nicholas Buckley, Nicole Pratt, Jonathan Brett, David Henry and Sallie-Anne Pearson; Trends in dispensing and utilisation of sustained-release tapentadol in Australia		114. David Snowdon, Velandai Srikanth, Lucy Marsh, Richard Beare, Emily Parker and Nadine Andrew; Mapping the use of patient reported outcomes at a health organisation to inform integration into hospital data systems	

Poster Presentations

Thursday 8th September 17:30 – 20:00 Playfair Library

Poster Number	Abstract Number	Authors	Abstract Title
1	2	Erin Early, Sarah Miller, Laura Dunne and John Moriarty	Understanding the disparity of educational attainment: the role of socio-demographic and school-level factors on GCSE attainment in Northern Ireland.
2	6	Carl Marincowitz, Tony Stone, Peter Bath, Richard Campbell, Janette Turner, Madina Hussein, Richard Pilbery, Benjamin Thomas, Laura Sutton, Fiona Bell, Katie Biggs, Frank Hopfgartner, Suvodeep Mazumdar, Jennifer Petrie and Steve Goodacre	Accuracy of telephone triage for predicting adverse outcomes in suspected COVID-19: An observational cohort study linking NHS 111 telephone triage, primary and secondary healthcare and mortality records
3	8	Aimee Cummings	To what extent are the mental health needs of children and young people (aged 11-18) in care being supported?
4	11	Sumeet Kalia, Michelle Greiver, Frank Sullivan, Conrad Pow, Babak Aliarzadeh and Rahim Moineddin	Data on Patient Record Trajectory for Linkage (DataPRinT Linkage)
5	12	Sumeet Kalia, Michelle Greiver, Frank Sullivan, Ervin Sejdic, Michael Escobar, Jessica Gronsbell, Braden O'Neill, Christopher Meaney, Conrad Pow, Olli Saarela, Rahim Moineddin, Tao Chen and Babak Aliarzadeh	Marginal structural models using calibrated weights with SuperLearner: application to longitudinal diabetes cohort
6	19	Hannah O'Dair, Anthony G Edwards and Craig Scott	The Clerical Resolution Online Widget (CROW): creating open-source software to make clerical review easier

Poster Presentations continued

Poster Number	Abstract Number	Authors	Abstract Title
7	20	Tony Whiffen	The Impact of Shielding Policy in Wales
8	43	Eric Duku, Molly Pottruff and Magdalena Janus	Creating and evaluating two cumulative developmental vulnerability risk measures
9	44	Eric Duku, Barry Forer, Molly Pottruff, Martin Guhn and Magdalena Janus	Defying expectations: can we identify neighbourhoods with “other than expected” developmental outcomes?
10	47	Helen Daniels and Rhiannon K Owen	Diagnostic test accuracy for COVID-19: systematic review and meta-analysis protocol
11	49	Morag Treanor and Patricio Troncoso	Digitally excluded: Inequalities in the access and use of online learning technologies in Scottish secondary schools
12	60	Rebecca Cannings-John, Fiona Lugg-Widger, Michael Robling, Simon Schoenbuchner and Hywel Jones	What are the risks for Domiciliary Care Workers in Wales from COVID-19?
13	68	Nicola Hughes, Richard Feltbower and Dan Stark	The use of healthcare datasets to investigate the impact of dose intensity in the adolescent and young adult cancer population.
14	94	Jun Han, Ashley Akbari, Fatemeh Torabi, Rowena Griffiths, Jane Lyons, Martin Rolles, Catherine Arnold, Dyfed Wyn Huws, Mark Lawler and Ronan Lyons	Using population-scale medication data to evaluate the impact of the COVID-19 pandemic on the usage of analgesics by cancer patients
15	102	John Hughes, Jos Ijpelaar, Rita McAuley, Ian Shuttleworth, Estelle Lowry and Deborah Lyness	An analysis of Covid-19 deaths and equality in Northern Ireland
16	123	Jennifer Reid, Blayne Welk, Amit Garg, Theresa Fitzgerald, Glen Kearns and Salimah Shariff	Integrating administrative and clinical datasets to improve patient outcomes

Poster Presentations continued

Poster Number	Abstract Number	Authors	Abstract Title
17	127	Michelle Jamieson	The dynamics of the nursing workforce: insights into retention and exit using registration data
18	129	Anne Alarilla, Mai Stafford, Luke Mondor, Jay Hughes, Hannah Knight, Anna Pefoyo Kone and Walter Woodchis	Socioeconomic gradient in mortality of working age and older adults with multiple long-term conditions in England and Ontario, Canada
19	131	Hywel Turner Evans, Ian Farr, David Byfield, Benjamin Stacey and Damian Bailey	Spinal pain prevalence in Wales and associated risk factors
20	133	Zoe White, Johanna Hall and Kristina Xhaferaj	Using an Alternative Method to Estimate Overcount for Census 2021
21	138	Bernhard Scheliga, Milan Markovic, Helen Rowlands, Artur Wozniak, Katie Wilde and Jessica Butler	Data provenance tracking and reporting in a high-security digital research environment
22	235	Rhodri Johnson, Laura North, Bachar Alrouh, Ann John, Kerina Jones, Ashley Akbari, Jon Smart, Simon Thompson, Claire Hargreaves, Stefanie Doebler, Linda Cusworth, Karen Broadhurst, David Ford and Lucy Griffiths	A population-level study into health vulnerabilities of mothers and fathers involved in public law care proceedings in Wales, UK
23	247	Elizabeth Lemmon, Emily Connearn, Peter Hall, Eva Morris and Uk Colorectal Intelligence Hub And Yorkshire Cancer Research Bowel Cancer Improvement Programme Public-Patient Group	Successful public and patient involvement in bowel cancer research using linked administrative health data
24	255	Themba Mutemaringa, Alexa Heekes, Andrew Boulle and Nicki Tiffin	Record linkage for Routinely Collected Health Data in an African Health Information Exchange

Poster Presentations continued

Poster Number	Abstract Number	Authors	Abstract Title
25	260	Sarah Cunningham-Burley, Daniel L McCartney, Archie Campbell, Robin Flaig, Clare El Orange, Carol Porteous, Mhairi Aitken, Ciaran Mulholland, Sara Davidson, Selena M McCafferty, Lee Murphy, Nicola Wrobel, Sarah McCafferty, Karen Wallace, David Stclair, Shona Kerr, Caroline Hayward, Andrew M McIntosh, Cathie Sudlow, Riccardo E Marioni, Jill Pell, Zosia Miedzybrodzka and David J Porteous	Research feasibility and ethics in Scottish new-born blood spot archive
26	273	Thomas Alexis	A new data linkage infrastructure
27	290	Rachel McCarter, Michael Rosato and Gerry Leavey	Life-limiting health conditions, treatment and subsequent mortality associated with differences in health service use in people with severe mental illness: an analysis of the Northern Ireland population using administrative data sources.
28	292	Janine Cooper, Dermot O'Reilly, Richard Kirk, Trish Kelly, Rachel Gibbs and Michael Donnelly	A project designed to examine, for the first time, the health records of adult prisoners in Northern Ireland and their linkage to other available health data: the test case of prisoner post-release mortality risk
29	320	Haley Golding, Katie Churchill, Charissa Levy, Diana An, Ruth Hall and Lesley Plumptre	Evidence from an Applied Health Research Question (AHRQ): Health care utilization of publicly funded rehab services for patients post COVID-19 diagnosis
30	332	Anderson Ara, Jonatas Espirito Santo, Jackson Conceição, Marcos Ennes Barreto, Lília Carolina Carneiro Costa, Rafael Felipe da Silva Souza, Rosemeire Leovigildo Fiaccone, Mauricio Lima Barreto and Maria Yury Travassos Ichihara	Brazilian governmental database linkage to correct the municipalities underreported cases in a time-dependent cluster analysis on COVID-19

Accepted Abstracts

The scientific committee would like to congratulate the following authors for their accepted abstracts at the IPDLN 2022 Conference. Each abstract was reviewed twice by independent experts and then moderated by the scientific committee.

Abdelmajid Djennad, Stefan Jahr, Ross Harris and Andre Charlett	Probabilistic linkage of multiple data sources for estimating prevalence of problem drug users in England in 2018/19
Adeniyi Fagbamigbe, Utkarsh Agrawal, Amaya Azcoaga-Lorenzo, Briana MacKerron and Colin McCowan	Clustering of 31 health conditions among multimorbid people in Fife and Tayside, Scotland: E-cohort analysis
Aideen Maguire, Lisa Kent, Denise O'Hagan, Euan Paterson and Dermot O'Reilly	Impact of the COVID-19 pandemic on Self-Harm and self-harm/suicide Ideation and subsequent mortality in Northern Ireland: a longitudinal, population-wide data linkage study
Aimee Cummings	To what extent are the mental health needs of children and young people (aged 11-18) in care being supported?
Alan Katz, Carole Taylor, Ekuma Okechukwu and Ruth-Ann Soodeen	Predicting Surgical Service Demands: A Modeling challenge using Administrative Data
Alexandra Procter, Catherine Chittleborough, Rhiannon Pilkington and John Lynch	Intergenerational welfare and contact with the child protection system
Alexandra Procter, Catherine Chittleborough, Rhiannon Pilkington, Odette Pearson, Alicia Montgomerie and John Lynch	The hospital burden of intergenerational contact with the welfare system: A whole-of-population linked data study
Alexandra Sandu	Hwb learning platform: data insights into learning and teaching continuity throughout the COVID-19 pandemic
Alice Toms and Simon Whitworth	Ethical considerations in the use of Machine Learning for research and statistics
Alicia Montgomerie, Rhiannon Pilkington and John Lynch	Using linked administrative data to move from an individual unit to family units: An example from child protection policy to better inform family focused interventions

Accepted Abstracts continued

Alison Gibberd, Sandra Eades, Nicoletta Psilos, Jenny Bourke, Helen Leonard, Emma Carlin, Anne Kavanagh, Roz Walker, Melissa O'Donnell, Rebecca Colbung and Lesley Nelson	Developmental disability among Aboriginal children in Western Australia (WA)
Alison Paprica, Kim McGrail, Monique Crichlow, Donna Curtis Maillet, Sarah Kesselring, Conrad Pow, Thomas Scarnecchia and Michael Schull	Public Engagement and other Essential Requirements for Data Trusts, Data Repositories and Other Data Collaborations
Amanda Slaunwhite, Heather Palis, Chloe Xavier, Roshni Desai, Bin Zhao and Wenqi Gan	Engagement of persons with lived experience in research that uses linked administrative health data – the BC Provincial Overdose Cohort
Amanda Slaunwhite, Kevin Hu, Brian Klinkenberg and Wenqi Gan	The geography of overdose in British Columbia
Amani Hamad, Barret Monchka, Leslie Roos, James Bolton, Oleguer Plana-Ripoll, Mohamed Elgendi and Lisa Lix	The Intergenerational Transfer of Mental Disorders: A Population-based Multigenerational Linkage Study
Amani Hamad, Lin Yan, Joseph Delaney, Mohammad Jafari Jozani, Pingzhao Hu, Shantanu Banerji and Lisa Lix	Prediction of Asthma Risk Using Family Health Histories identified from Population-based Electronic Healthcare Records
Amy Freier and Alan Katz	Inclusion, Diversity, Equity, and Accessibility (IDEA) in multi-regional data research: An approach to facilitating change in a distributed research environment
Amy Freier, Carolyn Shimmin, Mariette Chartier, Jennifer Enns, Scott McCulloch, The Methamphetamine Use In Manitoba Research Team and Nathan Nickel	Methamphetamine Use in Manitoba: An Evidence-to-Action (E2A) approach to a linked administrative data study
Amy Hawn Nelson	Data Integration in the time of COVID: Getting to Yes with Enterprise-Wide Data Governance

Accepted Abstracts continued

Amy Hawn Nelson and Emily Berkowitz	How can we measure the developmental impacts of the COVID-19 pandemic on young children?
Amy Mizen, James Rafferty, Emily Lowthian, Rowena Bailey, Ann John, Richard Fry and Lucy Griffiths	Associations between viewable greenspace and adolescent wellbeing in Wales
Amy O'Hara and Stephanie Straus	Privacy Preserving Technologies in US Education
Amy T. Hsu, Cathryn Espadero, Peter Tanuseputro, Carol Bennett, Sarah Beach, Rhiannon Roberts and Douglas Manuel	Using routinely collected data to develop and evaluate a clinical tool for early identification of palliative care needs in long-term care: The RESPECT Project
Ana Morales and Susan McVie	Using Health data to analyse repeat victimisation in Scotland
Anderson Ara, Jonatas Espirito Santo, Jackson Conceição, Marcos Ennes Barreto, Lilia Carolina Carneiro Costa, Rafael Felipe da Silva Souza, Rosemeire Leovigildo Fiaccone, Mauricio Lima Barreto and Maria Yury Travassos Ichihara	Brazilian governmental database linkage to correct the municipalities underreported cases in a time-dependent cluster analysis on COVID-19
Andrew Boulle, Alexa Heekes, Hannah Hussey, Reshna Kassanjee and Mary-Ann Davies	Feasibility of evaluating COVID-19 vaccine effectiveness and variant severity through a routine health information exchange
Andrew C. Stevenson, Rachel C. Colley, Kaberi Dasgupta, Leia M. Minaker, Mylene Riva, Michael J. Widener and Nancy A. Ross	Associations between neighbourhood fast-food environments and hypertension in Canadian adults
Andy Boyd, Robin Flaig, Jacqui Oakley, Kirsteen Campbell, Katharine Evans, Stella McLachlan, Richard Thomas and Emma Turner	The UK Longitudinal Linkage Collaboration: a trusted research environment for the longitudinal research community
Anita Durksen, Wanda Phillips-Beck, Joykrishna Sarkar, Farzana Quddus, Jennifer Enns, Mariette Chartier, Nathan Nickel and Marni Brownell	Considerations and Consequences when using First Nations Identifiers in Administrative Data Research
Anna Leyland	The use of linked administrative data to explore the impact of formal social care services involvement in childhood on education and offending outcomes

Accepted Abstracts continued

Anna Rawlings, Ieuan Scanlon, Svetlana Glinianaia, Judith Rankin, Maria Loane, Joan Morris, Dan Thayer, David Tucker and Sue Jordan	A national data linkage study to determine the association of congenital anomalies with standardised education outcomes
Anne Alarilla, Mai Stafford, Luke Mondor, Jay Hughes, Hannah Knight, Anna Pefoyo Kone and Walter Woodchis	Socioeconomic gradient in mortality of working age and older adults with multiple long-term conditions in England and Ontario, Canada
Archie Campbell, Robin Flaig, David Porteous and Cathie Sudlow	Generation Scotland – Using Electronic Health Records for Research
Ashley Akbari, Stuart Bedston, Hoda Abbasizanjani, Gareth Davies, Richard Fry, Emily Lowthian, Jane Lyons, Rhiannon Owen, Fatemeh Torabi, Kamlesh Khunti and Ronan Lyons	Developing a population-scale harmonised ethnicity-spine in Wales
Babak Jahanshahi, Duncan McVicar, Neil Rowland, Mark McGovern and Dermot O'Reilly	Is Long-Term Exposure to Ambient Air Pollution a Risk Factor for Parkinson's Disease
Barry Forer, Molly Pottruff, Eric Duku, Martin Guhn and Magdalena Janus	The Canadian Neighbourhood Early Childhood Development (CanNECD) Socioeconomic Index: Stability and Measurement Invariance Over Time
Benjamin Harrap, Alison Gibberd, Melissa O'Donnell, Koen Simons and Sandra Eades	Reflections as a settler person doing research in collaboration with Indigenous peoples
Benjamin Harrap, Alison Gibberd, Melissa O'Donnell, Koen Simons and Sandra Eades	Trends in the removal of Aboriginal children in Western Australia
Bernhard Scheliga, Milan Markovic, Helen Rowlands, Artur Wozniak, Katie Wilde and Jessica Butler	Data provenance tracking and reporting in a high-security digital research environment
Beth Rachlis, Kathleen Qu, Justice Seidel, Yantao Zhao, Kiana Seidel, Robert Gagnon, Sandra Kioke, Elaine Innes, Minnie Ho, Charles Victor, Sujitha Ratnasingham, Jennifer D. Walker and Loretta Loon	Weeneebayko Area Health Authority-ICES-Laurentian University Collaboration: Working together to support communities with Indigenous Health Research in the James and Hudson Bay Region, in Northeast Ontario, Canada


Accepted Abstracts continued

Bethania de Araujo Almeida, Denise Moraes Pimenta and Mauricio Barreto	Perceptions and experiences on data sharing and linkage for research and the evaluation of public health policy
Carl Marincowitz, Tony Stone, Peter Bath, Richard Campbell, Janette Turner, Madina Hussein, Richard Pilbery, Benjamin Thomas, Laura Sutton, Fiona Bell, Katie Biggs, Frank Hopfgartner, Suvodeep Mazumdar, Jennifer Petrie and Steve Goodacre	Accuracy of telephone triage for predicting adverse outcomes in suspected COVID-19: An observational cohort study linking NHS 111 telephone triage, primary and secondary healthcare and mortality records
Cathy Qi, Tim Osborne, Rowena Bailey, Joe Hollinghurst, Ashley Akbari, Alison Cooper, Ruth Crowder, Holly Peters, Rebecca-Jane Law, Anthony Davies, Ruth Lewis, Mark Walker, Adrian Edwards and Ronan Lyons	The impact of COVID-19 pandemic on trends in the recorded incidence of Long-Term Conditions identified from routine electronic health records between 2000 and 2021 in Wales: a population data linkage study
Catia Malvaso, Michaela Magann, Pedro Santiago, Alicia Montgomerie, Rhiannon Pilkington, Paul Delfabbro and John Lynch	Early Versus Late Contact with the Youth Justice System: Differences in Characteristics Measured at Birth, Child Protection System Contact and Adolescent Mental Health Outcomes
Catia Malvaso, Pedro Santiago, Rhiannon Pilkington, Alicia Montgomerie and John Lynch	Predicting Youth Justice supervision among young people placed in out-of-home care before age 10
Cecilia Macintyre and Gillian Raab	Creating a longitudinal dataset of care experienced children in Scotland – Administrative Data Research Scotland
Charini Nanayakkara and Peter Christen	Efficient population record linkage with temporal and spatial constraints
Charlie Tomlin and David Edwards	2021 Census to Census Coverage Survey Matching Results
Chrianna Bharat, Natasa Gisev, Sebastiano Barbieri, Tim Dobbins, Sarah Larney, Michael Farrell and Louisa Degenhardt	The effect of opioid analgesics, benzodiazepines, gabapentinoids, and opioid agonist treatment on mortality risk among opioid-dependent people

Accepted Abstracts continued

Chris Orton, Professor David Ford, Professor Aziz Sheikh, Professor Jennifer Quint, Professor Martin Tobin, Professor Ian Hall, Professor Christopher Griffiths, Jonathon Crompton and Monica Fletcher	BREATHE: The Health Data Research Hub for Respiratory Health
Christina Milani, Colleen Webber, Anna Clarke, Sarina Isenberg, James Downar, Daniel Kobewka, Amy Hsu, Jenny Lau, Aynharan Sinnarajah, Jessica Simon, Kaitlyn Boese, Amit Arya, Rhiannon Roberts, Luke Turcotte, Michelle Howard, Colleen Maxwell, Benoit Robert and Peter Tanuseputro	The Impact of the COVID-19 Pandemic on End-of-Life Prescribing in Ontario Nursing Homes
Christopher Radbone, Kerri Beckmann, David Roder, Michael O'Callaghan, Kim Moretti, Liesel Fitzgerald and Liz Buckley	Multi-jurisdictional Prostate Cancer Registry Linkage
Chuang Gao, Charlie Mayor, Sophie McCall, Katie Wilde, Christian Cole and Emily Jefferson	Towards a Scottish Safe Haven Federation
Clare MacRae, Stewart Mercer and Bruce Guthrie	Variation in multimorbidity prevalence by number of long-term conditions counted: primary care population cross-sectional study
Colleen Webber, Abe Hafid, Anastasia Gayowsky, Michelle Howard, Peter Tanuseputro, Aaron Jones, Mary Scott, Amy Hsu, James Downar, Doug Manuel, Katrin Conen and Sarina Isenberg	Potentially non-beneficial interventions in the last 100 days of life of patients with cancer: A population-based retrospective cohort study
Colleen Webber, Christina Milani, Anna Clarke, Sarina R Isenberg, James Downar, Daniel Kobewka, Amy Hsu, Jenny Lau, Aynharan Sinnarajah, Jessica Simon, Kaitlyn Boese, Amit Arya, Breffni Hannon, Rhiannon Roberts, Luke Turcotte, Michelle Howard, Colleen Maxwell and Peter Tanuseputro	Using linked administrative data to evaluate and improve the quality of end-of-life care in nursing homes

Accepted Abstracts continued



Colleen Webber, Christina Milani, Christine Watt, Shirley Bush, Peter Lawlor, Genevieve Casey, Lise Bjerre, Michael Pugliese, Frank Knoefel, Franco Momoli, Kednapa Thavorn and Peter Tanuseputro	Potentially inappropriate prescribing in long-term care residents and its association with probable delirium
Daniel Griffiths, Michael Di Donato, Tyler Lane, Shannon Gray, Ross Iles, Janneke Berecki-Gisolf, Peter Smith and Alex Collie	Impacts of past occupational injury and long-duration compensated work disability on future hospital admissions
Daniel Griffiths, Michael Di Donato, Tyler Lane, Shannon Gray, Ross Iles, Janneke Berecki-Gisolf, Peter Smith and Alex Collie	Changes in health and welfare after workers' compensation benefits cease
David Clark and Chris Dibben	Adding a Residential Dimension to the Scottish Population Spine – CHI-UPRN Residential Linkage (CURL)
David Clark, John Reid, Dave Bailey, Suhail Iqbal, Heather Clydesdale, Ken Humphreys, Jade Carruthers, Lena Henderson, Martin Reid and Adebusola Ramsay	Revisiting the Quality of the Scottish Record Linkage System
David Harrison, Peter Watkinson, James Doidge, Manu Shankar-Hari, Paul Mouncey, Martina Patone, Carol Coupland, Julia Hippisley-Cox and Kathryn Rowan	Impact of vaccination on COVID-19-associated admissions to critical care in England: a study of population linked data with quantitative bias analysis for linkage error
David Rowley and Caroline Ellis	Administrative Data Based Population Estimates for Scotland
David Snowdon, Velandai Srikanth, Lucy Marsh, Richard Beare, Emily Parker and Nadine Andrew	Mapping the use of patient reported outcomes at a health organisation to inform integration into hospital data systems
David Westlake, Kim Munnery, Linda Adara, Lena Meister, Philip Pallmann Pallmann, Stavros Petrou, James White and Fiona Lugg-Widger	Evaluating a school-based intervention through routine local authority data and national school data: Challenges and opportunities

Accepted Abstracts continued

Deborah Allen, Alejandra Vergara-Lope and Daniel Wilson	Structural health determinants and comorbidity risk factors for COVID-19 outcomes among participants in the UK Biobank
Derrick Lopez, David Preen, Warren Raymond, Charles Inderjeeth, Kevin Murray, Hans Nossent, Girish Dwivedi and Helen Keen	Risk of a major adverse cardiovascular event (MACE) following first-ever hospitalisation for acute gout: a Western Australian population-level linked data study
Dickman Garetta, Dorina Onoya, Kobus Herbst and Jacob Bor	Piloting and validating the linkage of routine ART and laboratory records in an HIV endemic setting
Donna Curtis Maillet and Ted McDonald	Addressing multi-region data linkage needs through data sharing agreements – Three Canadian initiatives
Elena Ougrinovski and Bronwyn Wilson	Design and creation of a population-wide linkage spine
Eliot Frymire, Michael Green, Richard Glazier, Shahriar Khan, Kamila Premji, Imaan Bayoumi, Liisa Jaakkimainen, Tara Kiran and Peter Gozdyra	Using Primary care data metrics to inform policy and practice: Human Health Resource implications
Eliot Frymire, Peter Gozdyra, Michael Green, Imaan Bayoumi, Richard Glazier, Liisa Jaakkimainen, Shahriar Khan, Tara Kiran and Kamila Premji	Mapping where patients access primary care providers
Elisa Jones, Lucy Frith, Anna Chiumento, Sarah Rodgers, Alan Clarke, Sarah Markham and Iain Buchan	Public involvement in big data projects: an ethnographically-informed study
Elizabeth Ford, Kathryn Stanley, Melanie Rees-Roberts, Anotida Madzvamuse, Jo Armes and Sarah Giles	Co-creating a social licence for using novel linked datasets for planning and research in Kent, Surrey and Sussex: results of deliberative focus groups and a creative workshop
Elizabeth Ingram, Manuel Gomes, Sue Hogarth, Helen McDonald, David Osborn and Jessica Sheringham	Household tenure and its associations with multiple long-term conditions amongst working age adults: a cross-sectional analysis using primary care and local government data linked at individual and household levels

Accepted Abstracts continued

Elizabeth Lemmon, Alasdair Rutherford, Peter Hall, David Bell, David Henderson, Amy Downing and Steve Clark	The use of social care services by individuals aged 50 and over diagnosed with colorectal cancer in Scotland: a linked data study
Elizabeth Lemmon, Emily Connearn, Peter Hall, Eva Morris and Uk Colorectal Intelligence Hub And Yorkshire Cancer Research Bowel Cancer Improvement Programme Public-Patient Group	Successful public and patient involvement in bowel cancer research using linked administrative health data
Elizabeth Lemmon, Rebecca Birch, Peter Hall, Eva Morris and Amy Downing	Analytical considerations when using the Scottish and English Cancer Registries for applied research: the case of colorectal cancer
Elizabeth Nelson and Dermot O'Reilly	On shifting sands: Achieving policy impact in challenging political circumstances
Elizabeth Nelson and Frances Burns	Building a public service infrastructure: Lessons from the Northern Ireland Public Data Panel pilot
Elizabeth Pereira	Analysing linked 2021 Census and Admin data to inform population transformation statistics
Ellen Kuenzig, Michael Lebenbaum, Joyce Mason, Manav Vyas, Gilaad Kaplan, Sanjay Murthy, Laura Targownik and Eric Benchimol	Costs of missed work among employed people with inflammatory bowel disease: a cross-sectional population-representative study
Ellie Paige, Emily Banks, Jason Agostino, David Brieger, Karen Page, Grace Joshy, Eden Barrett and Rosemary Korda	Socioeconomic factors, medication subsidisation and the use of preventative cardiovascular disease medications in Australia
Emily Borgundvaag, Lesley Plumptre, Michael Paterson, Diana An, Shelley McLeod, Jean-Eric Tarride, Clare Atzema, Michael Schull, Aikta Verma and Justin Hall	Evaluation of low acuity patients discharged from a virtual emergency department at a major urban academic health sciences centre in Toronto, Canada


Accepted Abstracts continued

Emily Brownell, Julianne Sanguins, Jennifer Enns, Marni Brownell, Randy Walld, Farzana Quddus, Shannon Allard-Chartrand, Anita Durksen, Janelle Boram Lee, Lorna Turnbull, Marcelo Urquia, Alyson Mahar, Elizabeth Wall-Wieler, Hygiea Casiano and Nathan Nickel	Risk of children being taken into care amongst Metis parents experiencing incarceration: A linked administrative data study
Emily Gard Marshall, David Stock and Richard Buote	The impact of not having a primary care provider on emergency department utilization and hospitalizations before and during COVID-19: A novel retrospective cohort study linking primary care waitlists with administrative billing data
Emily Jefferson, Aziz Sheik, Susan Hopkins and Philip Quinlan	The COVID – Curated and Open aNalysis aNd rEsearCh plaTform (CO-CONNECT)
Emily Jefferson, Christian Cole, Alba Crespi Boixader, Simon Rogers, Maeve Malone, Felix Ritchie, Jim Smith, Francesco Tava, Angela Daly, Jillian Beggs and Antony Chuter	GRAIMatter: Guidelines and Resources for AI Model Access from TrusTEd Research environments (GRAIMatter)
Emily Jefferson, Jenny Johnston, Gordon Milligan and Phil Quinlan	Developing a new Governance Approval Process to support federated discovery and meta-analysis of data across the UK through the CO-CONNECT project
Emily Jefferson, Susan Krueger, Ruairidh Macleod, James Sutherland, Thomas Nind, Roy Mudie, Bianca Prodan, Andrew Brooks, Robert Wallace, Carole Morris, Jacqueline Caldwell, Rob Baxter and Mark Parsons	An architecture for building cohorts of images from real-world clinical data from the whole Scottish population supporting research and AI development
Emily Lowthian, Stuart Bedston, Ashley Akbari, Richard Fry, Katy Huxley, Rhodri Johnson, Sara Madeleine Kristensen, Rhiannon Owen, Chris Taylor and Lucy Griffiths	Maternal mental health and children's development: a bi-directional relationship?

Accepted Abstracts continued

Emily Parker, Tanya Ravipati, Richard Beare, Velandai Srikanth and Nadine Andrew	Establishing an ethics and governance framework for access to and linkage of electronic health data for research projects
Emma Curran, Michael Rosato and Gerard Leavey	Multimorbidity and dementia risk in hospitalised patients: an administrative data linkage study of hospital patients in Northern Ireland
Emma Ross, Dermot O'Reilly and Aideen Maguire	Mental health, firearm ownership, and risk of death by suicide: a population-wide data linkage study
Eric Duku, Barry Forer, Molly Pottruff, Martin Guhn and Magdalena Janus	Defying expectations: can we identify neighbourhoods with “other than expected” developmental outcomes?
Eric Duku, Molly Pottruff and Magdalena Janus	Creating and evaluating two cumulative developmental vulnerability risk measures
Erin Early, Sarah Miller, Laura Dunne and John Moriarty	Understanding the disparity of educational attainment: the role of socio-demographic and school-level factors on GCSE attainment in Northern Ireland
Esmond Urwin, Andy Harris, Jenny Johnstone, Erum Masood, Antony Chuter, Michael Ferguson, Joanne Martin, Neil Sebire, Philip Quinlan and Emily Jefferson	Augmenting laboratory COVID serology data granularity for SARS-CoV-2 reporting
Felicity Flack, Carolyn Adams and Judy Allen	Better decision making practices and processes
Finola Ferry, Michael Rosato and Gerard Leavey	Mind the gap: an administrative data analysis of dental treatment outcomes and severe mental illness
Fiona Grimm, Dan Lewer, John Craig, Rafi Rogans-Watson and Jenny Shand	Using cross-sector data linkage to track patient journeys across health and social care
Francesca Cavallaro, Rebecca Cannings-John, Fiona Lugg-Widger, Jan van der Meulen, Ruth Gilbert, Eilis Kennedy, Michael Robling and Katie Harron	Challenges and lessons learned from two countries using linked administrative data to evaluate the Family Nurse Partnership

Accepted Abstracts continued



Francesca Cavallaro, Sally Kendall, Jan van der Meulen, Eilis Kennedy, Emma Howarth, Ruth Gilbert and Katie Harron	Evaluation of the real-world implementation of the Family Nurse Partnership in England: an observational cohort study using linked data from health, education and children's social care
Gareth Davies, Kendal Smith, Ashley Akbari, Rowena Bailey, Lloyd Evans, Gareth John, Michael Thomas and Kerryn Lutchman-Singh	Variation in access rates amongst patients groups in Wales for specialist interventions
Georgina Eaton, Kylie Hill and Amy Summerfield	Data First: Criminal Courts Linked Data research report
Gillian Caughey, Olivia Ryan, Maria Crotty, Craig Whitehead, Susan Hillier, Keith Evans, Marilyn Von Thien, Cassie Mason, Chris Radbone, Jane Mussared, Julie Ratcliffe, Sally Tideman, Anna Barker, Anna Sheppeard, Caroline Miller, Odette Pearson, Megan Corlis, Allen Candy, Steve Wesselingh and Maria Inacio	The Registry of Senior Australians: Informing Aged Care Policy Reforms
Gizachew Tessema, Jennifer Dunne and Gavin Pereira	What matters to short interpregnancy intervals between pregnancies in Western Australia?
Haley Golding, Katie Churchill, Charissa Levy, Diana An, Ruth Hall and Lesley Plumptre	Evidence from an Applied Health Research Question (AHRQ): Health care utilization of publicly funded rehab services for patients post COVID-19 diagnosis
Hannah Dickson, George Vamvakas and Nigel Blackwood	Education and social care predictors of offending trajectories: A UK administrative data linkage study
Hannah O'Dair, Anthony G Edwards and Craig Scott	The Clerical Resolution Online Widget (CROW): creating open-source software to make clerical review easier
Heather Palis, Kevin Hu, Tonia Nicholls and Amanda Slaunwhite	Mental health services access and reincarceration following release from provincial prisons in British Columbia, Canada

Accepted Abstracts continued

Helen Blake, Linda Sharples, Katie Harron, Jan van der Meulen and Kate Walker	Linkage of national clinical datasets without patient identifiers using probabilistic methods
Helen Blake, Linda Sharples, Katie Harron, Jan van der Meulen and Kate Walker	Linkage of multiple electronic health record datasets using a "spine linkage" approach compared to all "pairwise linkages"
Helen Daniels and Rhiannon K Owen	Diagnostic test accuracy for COVID-19: systematic review and meta-analysis protocol
Helen Hodges and Kevin Fahey	Children in out of home care in the youth justice system – understanding when they may be more vulnerable to further offending
Hsei Di Law, Bruce Armstrong, Catherine D'Este, Rose Hosking, Kayla Smurthwaite, Susan Trevenar, Nina Lazarevic, Martyn Kirk and Rosemary Korda	Relative rates of cancers and deaths in Australian communities with PFAS exposure
Hsei Di Law, Dinith Marasinghe, Nicholas Biddle, Danielle Butler, Emily Lancsar, Jane Desborough and Rosemary Korda	Progressivity of out-of-pocket costs for Medicare-subsidised services and medicines in Australia
Hywel Turner Evans, Ian Farr, David Byfield, Benjamin Stacey and Damian Bailey	Spinal pain prevalence in Wales and associated risk factors
Iain Atherton, Michelle Jamieson and Jan Savinc	Palliative care, unpaid care and deprivation in Scotland: a study using census and vital registration data
Ian Farr, Carys Jones, Laura Cowley, Bachar Alrouh, Linda Cusworth, Ashley Akbari, Stefanie Doebler, Karen Broadhurst, David Odd and Lucy Griffiths	Health service use of infants involved in family justice care and supervision proceedings in Wales: a longitudinal national data linkage study
Ian Thomas	Coronavirus vaccination coverage and timeliness among people experiencing homelessness in Wales, UK: A population-level analysis of linked healthcare and substance use services data

Accepted Abstracts continued

Irina Lut, Katie Harron, Pia Hardelid, Margaret O'Brien and Jenny Woodman	Linking fathers and children in administrative data for public health research: A systematic scoping review
Isabel Youngs and Joseph Scariano	A Field Analysis of Standardizing Place-Based Indicators
Isabel Youngs, Christopher Dick, Ronald Prevost and Claire Bowen	Expectations for the 2020 Decennial Census and How They Stood Up to Scrutiny
Isobel Ward, Cameron Razieh, Rose Drummond, Vahé Nafilyan, Neil Bannister and Myer Glickman	Assessing the reliability of ethnicity data recorded in health-related administrative datasets in England
Jackie Caldwell, Robert Wallace, Carole Morris, Simon Fleming, Rob Baxter, Ruairidh MacLeod, William Kerr, Donald Scobbie, Simon Rogers, Felix Ritchie, Esmá Mansouri-Benssassi, Susan Krueger and Emily Jefferson	Scottish Medical Imaging Service - Technical and Governance controls
Jacqui Oakley, Robin Flaig, Emma Turner, Kirsteen Campbell, Katharine Evans, Stela McLachlan, Richard Thomas and Andrew Boyd	The UK Longitudinal Linkage Collaboration legal & governance framework: managing 'delegated and distributed' data processing working with cross-sectorial data owners
Jade Hooper, Paul Lambert, Hannah Buchanan-Smith and Tony Robertson	Exploring Social and Locality Variations of Dog Bites in Scotland Using Administrative Data Sources
James Rafferty, Alexandra Lee, Ed Bennett, Jane Lyons, Farideh Jalali-Najafabadi, Thamer Ba Dhafari, Alan Watkins, Alexander Pate, Glen Martin, Ashley Akbari, Ronan Lyons, Niels Peek and Rowena Bailey	Analysis of disease clusters and patient outcomes in people with multiple long term conditions using hypergraphs
James Wilton, Jalud Abdulmenan, Mei Chong, Ana Becerra, Michael Coss, Marsha Taylor, Ognjenka Djurdjev, Drona Rasali, Hind Sbihi, Mel Krajden, Alexandra Flatt, Seyed Ali Mussavi Rizi and Naveed Janjua	A large linked data platform to inform the COVID-19 response in British Columbia: The BC COVID-19 Cohort
Jan Savinc and Iain Atherton	Differences in end-of-life health service usage between people who died at home before and during the pandemic in Scotland

Accepted Abstracts continued

Jan Savinc, Nadine Dougall, Margaret Maxwell, Thanos Karatzias, Rory O'Connor, Brian Williams, Ann John, Helen Cheyne, Claire Fyvie, Jonathan Bisson, Carina Hibberd, Susan Abbott-Smith and Liz Nolan	Childhood adversity, mental health and suicide (CHASE): a longitudinal case-control linked data study of lifetime inpatient records associated with suicide
Janelle Boram Lee, Elizabeth Wall-Wieler and Leslie L Roos	Linking Canadian Administrative Data: Income Trajectories, Residential and School Mobility, and Grade 3 Academic Achievement
Janelle Boram Lee, Henry Ntanda, Kharah Ross and Nicole Letourneau	Maternal Mental Health, Child Distress and Family Strain During the COVID-19 Pandemic: Linking the Provincial Longitudinal Cohort with the COVID-19 Impact Survey Data in Canada
Janelle Boram Lee, Marni Brownell, Tracie Afifi, Lorna Turnbull, Marcelo Urquia and Nathan Nickel	Prenatal Exposure to Intimate Partner Violence and Developmental Health in Children at Kindergarten: Linking Canadian Population-Level Administrative Data
Janelle Boram Lee, Nathan Nickel, Tracie Afifi, Lorna Turnbull, Marcelo Urquia and Marni Brownell	Early Childhood Exposure to Intimate Partner Violence and Developmental Vulnerability at Kindergarten: Linking Canadian Population-Level Administrative Data
Janine Cooper, Dermot O'Reilly, Richard Kirk, Trish Kelly, Rachel Gibbs and Michael Donnelly	A project designed to examine, for the first time, the health records of adult prisoners in Northern Ireland and their linkage to other available health data: the test case of prisoner post-release mortality risk
Janine Cooper, Ifeoma Onyeka, Euan Paterson, Dermot O'Reilly, Richard Kirk and Michael Donnelly	Record linkage studies of drug-related deaths among former adult prisoners who have been released to the community: a scoping review
Jason Black, David Campbell, Kerry McBrien, Paul Ronksley, Eddy Lang and Tyler Williamson	Impact of the Choosing Wisely Canada recommendations on potentially inappropriate antibiotic prescribing in emergency medicine across Alberta, Canada: An interrupted time-series analysis

Accepted Abstracts continued

Jason Flindall, Saiganesh Dhannewar, Mikhail Skrigitil, Siddharth Chadda, Samantha Magnus, Heather Richards and Lisa Corscadden	Pandemic effects on health condition specific healthcare encounters in British Columbia, Canada
Jayati Das-Munshi, Alex Dregan, Robert Stewart, Matthew Hotopf, Ioannis Bakolis, Laia Becares, Josephine Ocloo, Ruth Stuart and Elisa Impara	Severe mental illnesses and mortality following COVID-19 infection: Data linkage study using the Clinical Practice Research Database (CPRD)
Jennifer Dunne, Gizachew Tessema and Gavin Pereira	Bias in exposure-outcome associations when using left truncated birth datasets
Jennifer Enns, Alan Katz, Marina Yogendran, Marcelo Urquia, Saman Muthukumarana, Surani Matharaarachchi, Alexander Singer, Nathan Nickel, Leona Star, Teresa Cavett, Yoav Keynan, Lisa Lix and Diana Sanchez-Ramirez	A population data-driven approach to identifying 'Long COVID' cases in support of diagnosis and treatment
Jennifer Enns, Julianne Sanguins, Randy Walld, Marni Brownell, Lorna Turnbull, Marcelo Urquia, Alyson Mahar, Farzana Quddus, Hygiea Casiano, Shannon Allard Chartrand and Nathan Nickel	Birth outcomes among Métis women and infants in Manitoba, Canada: A linked administrative data study using health system and justice system data
Jennifer Hampton, Nicholas Webster, Sophie Jordan, Sian Morrison-Rees, Orla Bateson, James Watson, Scott McFarlane, Alastair McAlpine and Liam Cavin	AD ARC: Construction of a research ready dataset to better understand farmers and farming households
Jennifer Reid, Blayne Welk, Amit Garg, Theresa Fitzgerald, Glen Kearns and Salimah Shariff	Integrating administrative and clinical datasets to improve patient outcomes
Jeremy Foxcroft, Kris Inwood and Luiza Antonie	Linking Eight Decades of Canadian Census Collections
Jessica Butler, Mintu Nath, Dimitra Blana, William Ball, Nicola Beech, Corri Black, Graham Osler, Sebastien Peytrignet, Magdalena Rzewuska, Katie Wilde, Artur Wozniak and Simon Sawhney	The clinically extremely vulnerable to COVID: Identification and changes in healthcare while self-isolating (shielding) during the coronavirus pandemic

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Joanna McLaughlin and Andrew Judge	Linkage of routinely-collected healthcare data and bespoke research questionnaire data to best serve NHS patient study participants
Joanne Lumsden, Katie Wilde, Sharon Gordon, Corri Black and Shantini Paranjothy	The path to approvals: Facilitating access to healthcare data via a local Governance Forum
Joe Kelly and Alison Judd	Coronavirus (COVID-19) infection rates and vaccination uptake in school pupils in England.
John Hughes, Jos Ijpelaar, Rita McAuley, Ian Shuttleworth, Estelle Lowry and Deborah Lyness	An analysis of Covid-19 deaths and equality in Northern Ireland
José Araújo, Juan Silva, André Costa-Martins, Vanderson Sampaio, Daniel Castro, Robson Souza, Jeevan Giddaluru, Pablo Ramos, Robespierre Pita, Maurício Barreto, Manoel Netto and Helder Nakaya	Enabling Fast and Accurate Record Linkage of Large-Scale Health-Related Administrative Databases Through a DNA-Encoded Approach
Jun Han, Ashley Akbari, Fatemeh Torabi, Rowena Griffiths, Jane Lyons, Martin Rolles, Catherine Arnold, Dyfed Wyn Huws, Mark Lawler and Ronan Lyons	Using population-scale medication data to evaluate the impact of the COVID-19 pandemic on the usage of analgesics by cancer patients
Jure Mur, Riccardo Marioni, Tom Russ, Graciela Muniz-Terrera and Simon Cox	Anticholinergic burden in middle and older age is associated with reduced cognitive function, but not with brain volume
Katie Hunter	Using Linked Administrative Data to Explore Ethnicity, Care Experience and Justice Systems Involvement: Challenges and Possibilities
Katie Wilde, Lesley Anderson, Moragh Boyle, Alan Pinder and Alexander Weir	Introducing a new Trusted Research Environment - the Safe Haven Artificial Platform (SHAIP)
Katy Huxley, Rhys Davies, Catherine Foster and Chris Taylor	Comparing socio-economic measures as predictors of educational attainment

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Kim Mcgrail, Fiona Clement and Michael Law	The benefits and challenges of applied, partnered data-intensive research
Kim Naude, Emily Parker, Roisin McNaney, Michelle Daniel, Richard Beare, Velandai Srikanth and Nadine Andrew	Who is your community? Co-designing a community engagement strategy for an emerging data platform
Kimberly Thomson, Carly Magee, Monique Gagne Petteni and Anne Gadermann	Changes in social support and the emotional health of immigrant, refugee, and non-immigrant children across middle childhood: A three year follow up study
Kimberly Thomson, Monique Gagne Petteni and Anne Gadermann	From society to cell: Exploring the biological impacts of social exposures through linked biological and population-level child development data
Kirsteen Campbell, Rebecca Whitehorn, Andy Boyd, Robin Flaig, Stela McLachlan, Christie Levein, Jacqueline Oakley, Sarah Chave, Michael Gregg and Della Ogunleye	How public and participant voices have influenced the UK Longitudinal Linkage Collaboration and its Trusted Research Environment
Kostas Loukas and Paul Groom	Progress in building a longitudinal framework of linked reference data for England and Wales.
Kristina Cimova, David Henderson, Mirjam Allik, Denise Brown, Petra Meier, Charlie Mayor, Nick Watson, Peter Craig and Emily Tweed	Barriers and facilitators of cross-sectoral data linkage to inform healthy public policy and practice: lessons from three case study projects in Scotland
Kruti Doshi, Keiki Hinami, Jordan Boulger, Huiyuan Zhang, William Trick and Luke Rasmussen	Preliminary comparison of gun homicide deaths for non-probation and probation clients
Krzysztof Adamczyk, Shantini Paranjothy and Marjorie Johnston	Give and take? The unexpected benefits of public engagement as an end-in-itself social practice in the Aberdeen Children of the 1950s cohort study
Lara Greaves, Cinnamon Lindsay, Eileen Li, Emerald Muriwai and Andrew Sporle	Māori and Linked Administrative Data: A Critical Review of the Literature and Suggestions to Realise Māori Data Aspirations

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Laura Cowley, Laura North, Karen Broadhurst, Stefanie Doebler, Linda Cusworth and Lucy Griffiths	How do infants enter and move through the care and family justice systems in Wales? Protocol for a population-based data linkage study
Laura Hay, Lorna Watson and Peter D Donnelly	Linking health and social care data to identify teenage pregnancy outcomes for Care Experienced Young People in Fife
Laurette Bukasa, Angelina Namiba, Shema Tariq, Matilda Brown, Estelle Ndungu, Mercy Nangwale, Gillian Letting, Patricia Chirwa and Claire Thorne	What do women living with HIV think about research on children born HIV-free in the UK?
Laurie Berrie, Zhiqiang Feng, Tom Clemens, Lee Williamson and Chris Dibben	Does cycling to work benefit mental health? A natural experiment using linked administrative data.
Leah Maizey, Josie Plachta, Holly Clarke, Sarah Collyer, Sarah Cummins, Gabriela De La Serna, Shelley Gammon, Ben Harries, Elizabeth Pereira and Caroline Youell	COVID-19 transmission and infection: linkage of COVID-19 Infection Survey, Test and Trace, and Patient Demographics Survey
Lee Williamson and Chris Dibben	Understanding the impact of fertility history on health outcomes in later life
Lily O'Flynn	Empowering analysts to undertake ethically and legally appropriate public good research
Linda Cusworth, Claire Hargreaves, Bachar Alrouh, Karen Broadhurst, Lucy Griffiths, Ashley Akbari, Ann John and Rhodri Johnson	Adults in private family law proceedings in Wales: characteristics and vulnerabilities
Lisa Kent, Claire Kerr, Karen McConnell, Oliver Perra and Kelly-Ann Eastwood	Linkage of Routinely-Collected Maternity Data with a Cerebral Palsy Register: Matching Success and Temporal Assessment of Data Quality and Maternal Characteristics
Lisa Kent, Claire Kerr, Karen McConnell, Oliver Perra and Kelly-Ann Eastwood	Linkage of Routinely-Collected Maternity Data with a Cerebral Palsy Register: Comparison of baseline maternal characteristics in offspring with and without cerebral palsy

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Lisa Kent, Dermot O'Reilly and Aideen Maguire	Impact of the COVID-19 pandemic on commencement of psychotropic medications in Northern Ireland: a population-wide, administrative data linkage study
Lisa Kent, Mary-Elaine McCavert, Karen McConnell, Oliver Perra, Aideen Maguire and Claire Kerr	Sleep Medication Use by people with Cerebral Palsy: A Population Level Data Linkage Study
Lisa Lix, Amani Hamad, Lin Yan, Joseph A. Delaney, Elizabeth Wall-Wieler, Mohammad Jafari Jozani, Shantanu Banerji, Olawale Ayilara and Pingzhao Hu	Estimating Disease Heritability from Electronic Healthcare Records: A Proof-of-Concept Study
Lisa Lix, Viktoriya Vasykiv, Olawale Ayilara, Lindsey Dahl, Allison Poppel and Saeed Al-Azazi	A Synthesis of Algorithms for Multi-Jurisdiction Research in Canada
Lisa Sharwood, Tim Barlow and Katy Liu	What's in a Royal Commission? – Coercive Powers for data integration to Address the Wicked Problem of Defence and Veteran Suicide
Lizzy Booth and Sarah Murphy	Linking Administrative Test and Trace Data to the Covid-19 Infection Survey to Improve Analysis of Positivity and Vaccine Effectiveness
Louise Marryat, Bonnie Auyeung and Lydia Speyer	The impact of the COVID-19 pandemic on birth, neonatal and child health and developmental outcomes in Scotland
Lucy Carty, Mario Cortina-Borja, Rachel Plachcinski, Chris Grollman and Alison Macfarlane	Neonatal mortality in NHS maternity units by timing of birth and method of delivery: a retrospective linked cohort study
Ludivine Garside and Helen Hodges	Devolved jurisdictions: experience from early research users of family justice data in SAIL Databank
Luke Farrow, Katie Wilde, Jaroslaw Dymiter, Moragh Boyle, Alexander Weir, James Blackwood, Charlie Mayor, David Harrison and Lesley Anderson	Use of “Hidden in Plain Sight” de-identification methodology in electronic healthcare data provides minimal risk of misidentification: Results from the iCAIRD Safe Haven Artificial Intelligence Platform

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Lyndsay Harrison, Alyson Mahar, Natalie Coburn, Randy Boyes, Michael Pugliese, Carolyn Compton, Gail Darling, Laura Davis, Kathleen Decker, Vaibhav Gupta, Biniam Kidane, Douglas Manuel, Jolie Ringash, Donna Turner and Amy Hsu	Development of a Prediction Model for Survival Time in Esophageal Cancer Patients Treated with Resection
M. Zakir Hossin, Kyla A McKay, Lorena Fernández de La Cruz, Anna Sandström and Neda Razaz	Pre-pregnancy maternal cardiovascular diseases and risk of offspring's neurodevelopmental disorders: a population-based cohort study
Magdalena Janus, Jeanne Sinclair, Jennifer Hove and Scott Davies	Building partnerships, capacity, and knowledge through a use of newly linked child development and education datasets in Ontario, Canada
Magdalena Rzewuska, Sharon Gordon, William Ball, Jessica Butler and Achds Ppie Group	"All about communication" - a perspective on our public involvement practices in the Networked Data Lab in Grampian
Mahmoud Azimae and Lisa M. Lix	Federated Learning for cross-jurisdictional analyses: A case study
Mahsa Jessri, Anan Bader Eddeen, Deirdre Hennessy, Jodi Bernstein, Claudia Sanmartin, Carol Bennett and Douglas Manuel	Development and validation of a cardiovascular disease risk-prediction model using population health surveys and dietary indices: the Cardiovascular Disease Population Risk Tool – Nutrition (CVDPoRT-Nutrition)
Mai Stafford, Sarah Deeny, Kathryn Marszalek and Jenny Shand	Understanding household health through data linkage
Maria Elstad, Abdel Douiri and Jo Røislien	Evaluation of the reported data linkage process and associated quality issues for linked routinely collected healthcare data in Multimorbidity research: a systematic review
Maria Y. Ichihara, Adalton dos Anjos Fonseca, Mariana Rodrigues Sebastião and Denise Moraes Pimenta	Public engagement experiences in research using data administrative linkage to build a Social Disparities Index for Covid-19 in Brazil

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Maria Yury Travassos Ichihara, Rosemeire Leovigildo Fiaccone, Lilia Carolina Carneiro da Costa, Aline Grimberg Pereira de Medeiros, Elzo Pereira Pinto Junior, Rafael Felipe da Silva Souza, Mauricio Lima Barreto, Anderson Ara, Emmanuelle Goes, Julia M Pescarini, Marcos Ennes Barreto and Jaime Gregorio Bellido	Using linked administrative data to build a Social Disparities Index for Covid-19 to evaluate the effects of inequalities on pandemic in Brazil
Marie-Chantal Ethier, Juliana Wu, Carina Marshall and Felicity Flack	Cross-jurisdictional data access processes and coordination in two countries: key learnings and innovative approaches
Mariette Chartier, Garry Munro, Depeng Jiang, Scott McCulloch, Wendy Au, Marni Brownell, Rob Santos, Frank Turner, Leanne Boyd, Nora Murdock, James Bolton and Jitender Sareen	Is PAX-Good Behaviour Game (PAX) Associated with Better Mental Health and Educational Outcomes for First Nations Children?
Mariette Chartier, Garry Munro, Nora Murdock, Frank Turner, Leanne Boyd, Laurence Katz, Marni Brownell, Depeng Jiang, Amanda Martinson, Janique Fortier and Jitender Sareen	Linking Databases in Collaborative and Culturally Safe Ways to Evaluate the Effectiveness of PAX-Good Behaviour Game (PAX) in First Nations Communities
Mariette Chartier, Wanda Phillips-Beck, Marni Brownell, Leona Star, Nora Murdock, Wendy Au, John-Michael Bowes, Brooke Cochrane and Rhonda Campbell	Our Children, Our Future: The Health and Well-being of First Nations Children in Manitoba, Canada
Mark Drakesmith, Gemma Hobson, Gareth John, Emily Stegall, Ashley Gould, John Parkinson and Daniel Rhys Thomas	Developing a population data science approach to assess increased risk of COVID-19 associated with attending large sporting events
Marni Brownell, Stephanie Sinclair, Nathan Nickel, Lorna Turnbull, Rick Linden, Rosemary Ricciardelli, Wendy Au, Jennifer Enns, Mariette Chartier, Marcelo Urquia, Alyson Mahar, Elizabeth Wall-Wieler, Dan Chateau, Matthew Sanscartier, Hygiea Casiano, Farzana Quddus, Drew Lambert and Ivy Ferland	Quantifying intersecting structural racism in the youth criminal justice system: a whole-population linked administrative data study from Manitoba

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Marni Brownell, Stephanie Sinclair, Nathan Nickel, Marlyn Bennett, Hygiea Casiano, Anita Durksen, Elizabeth Decaire, Lisa Flaten, Kayla Frank, Mikayla Hunter, Nora Murdock, Chris Nash, Jamie Pfau, Heather Prior, Jay Rodgers, Colette Scatliff, Scott Sinclair, Anna Slavina and Randy Walld	Outcomes of children involved with child protection in Manitoba, Canada: a demonstration project for working in partnership across government, community organizations, and academia
Marta Wilk, Carol Dezateux, Silvia Liverani and Gill Harper	Who lives in overcrowded households in north-east London? Cross-sectional study of linked electronic health records and Energy Performance Certificate register data.
Mary Ann Megan Cleaton, Josie Plachta and Rachel Shipsey	Exploring Goldstein et al.'s Scalelink method of data linkage
Matt Bosworth and Vahé Nafilyan	Ethnic differences in COVID-19 mortality in the second and third waves of the pandemic in England during the vaccine roll-out
Matthew Iveson	Childhood cognitive ability and the risk of self-harm and suicide in later life
Matthew Iveson, Mark Adams and Andrew McIntosh	Creating a new mental health e-cohort using the SHARE research register: Linking questionnaire, genetic and routine health data
Matthew Jay, Louise Mc Grath-Lone, Bianca De Stavola and Ruth Gilbert	Evaluation of non-enrolment of children in all English state schools: linked, administrative data cohort study of children receiving social care and their peers
Matthew Jay, Louise Mc Grath-Lone, Rachel Pearson and Ruth Gilbert	The cumulative proportion of children receiving social care services in England: a whole population administrative data cohort study
Mauro N. Sanchez, Priscila F.P.S. Pinto, Camila S.S. Teixeira, Joilda S. Nery, Davide Rasella, Samila O.L. Silva, Maria Yury Ichihara, Mauricio L. Barreto and Julia M. Pescarini	Linking nationwide health and social registry data to inform the policy for Tuberculosis contact tracing in Brazil

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Maya Murmann, Douglas Manuel, Peter Tanuseputro, Carol Bennett, Michael Pugliese, Rhiannon Roberts, Wenshan Li and Amy T. Hsu	Care trajectory in homes care users across mortality-risk profiles: an observational study
Michael Fleming	Educational and health outcomes of schoolchildren in local authority care in Scotland: a retrospective record linkage study
Michael Nelson, Victoria Pye, Pooja Nair, Tim Harrold, Lisa McCallum and Lee Taylor	Rapid and Responsive Record Linkage to support NSW Health COVID-19 pandemic response
Michael Robling, Rebecca Cannings-John and Fiona Lugg-Widger	Using multiple routine data sources linked to a trial cohort to establish the longer-term effectiveness of specialist home visiting in England: main results of the BB:2-6 study of the Family Nurse Partnership
Michelle Jamieson	The dynamics of the nursing workforce: insights into retention and exit using registration data
Milena Marszalek, Nicola Firman, Marta Wilk, Kate Homer, Gill Harper and Carol Dezateux	Are children who do not receive their first Measles Mumps and Rubella (MMR1) vaccination by 24 months more likely to share a household with older non-vaccinated children? Linked household-level analysis of primary care electronic health records (EHRs)
Minnie M. Ho, Stefana Jovanovska, Jenna Novess, Dina Skvirsky, Refik Saskin and J. Charles Victor	ICES Data and Analytic Services: Eight Years Young
Mirjam Allik, Alastair Leyland and Marion Henderson	Longitudinal study of diabetes prevalence and hospitalisations among care experienced and general population children in Scotland: evidence of an end of care “cliff edge”?
Miro Palfy and Christopher Radbone	Understanding South Australia’s blood products usage patterns and outcomes, using data linkage

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Mitana Purayastha, Stephen Roberts, Julian Gardiner, Daniel Brison, Scott Nelson, Deborah Lawlor and Alastair Sutcliffe	A national cohort of children born after assisted conception in the UK (1992-2009)
Morag Treanor and Patricio Troncoso	Digitally excluded: Inequalities in the access and use of online learning technologies in Scottish secondary schools
Mushashu Lumpa, Miquel Duran-Frigola, Albert Manasyan, Jane Matambo, Mulindi Mwanahamuntu, Samuel Bosomprah, Izukanji Sikazwe and Julia Bohlius	Access to cervical cancer screening for women living with hiv: a record linkage study
Nadine Andrew, David Ung, Muideen Olayia, Lachlan Dalli, Leonid Churilov, Joosup Kim, Dominique Cadilhac, Vijaya Sundararajan, Amanda Thrift, Natasha Lannin, Mark Nelson, Velandai Srikanth and Monique Kilkenny	Chronic disease management improves survival but not hospital presentations: a target trial approach using linked data from the Australian Stroke Clinical Registry
Nadine Andrew, Richard Beare, Tanya Ravipati, Emily Parker, Taya Collyer, David Ung and Velandai Srikanth	The National Centre for Healthy Ageing data platform: establishing an Electronic Health Record derived linked geographic cohort
Nasir Rajah, Lisa Calderwood, Bianca De Stavola, Katie Harron, George Ploubidis and Richard Silverwood	Using linked Hospital Episode Statistics data to aid the handling of non-response and restore sample representativeness in the 1958 National Child Development Study
Natalie Divin, Ester Garne, Joan K Morris and Maria Loane	Anti-asthmatic prescriptions in children with and without congenital anomalies: a European data linkage study
Natalie Johnston, Elizabeth Ford, Richard Tyler, Vicki Spencer-Hughes, Anotida Madzvamuse, Graham Evans, Kate Gilchrist and Jacqueline Clay	Exploring a novel linked dataset and building linked data analytics skills in Public Health Intelligence teams in Sussex.
Natalie Spadafora, Caroline Reid-Westoby, Molly Pottruff, Jade Wang, Eric Duku and Magdalena Janus	An investigation of kindergarten educator reported barriers and concerns and school neighbourhood composition in Ontario, Canada

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Natalie Troke, Diana An, Eliane Kim, Yona Lunsky, Robert Balogh and Lesley Plumptre

COVID-19 testing, infection rates, and related outcomes in adults with intellectual and developmental disabilities (IDD): An application of linked administrative health data to support Ontario's COVID-19 response

Natalie Troke, Diana An, Eliane Kim, Yona Lunsky, Robert Balogh and Lesley Plumptre

COVID-19 vaccination rates and related outcomes in adults with intellectual and developmental disabilities (IDD): An application of linked administrative health data to support Ontario's COVID-19 response

Natasa Gisev, Sallie-Anne Pearson, Timothy Dobbins, Luke Buizen, Tom Murphy, Andrew Wilson, Fiona Blyth, Adrian Dunlop, Sarah Larney, David C. Currow, Richard P. Mattick and Louisa Degenhardt

POPPY II Cohort Profile- a population-based linked cohort examining the patterns and outcomes of prescription opioid use in NSW, Australia, 2003-2018

Nathan C. Nickel, Julianne Sanguins, Okechukwu Ekuma, Carole Taylor, Nkiruka Eze, Oludolapo Deborah Balogun, Hera Casidsid, Marni Brownell, Mariette Chartier, Francis Chartrand, Daniel Chateau, Michelle Driedger, Jennifer Enns, Alan Katz, Olena Klos, Lisa Lix, Alyson Mahar, Rachelle Neault and Marcelo Urquia

Title: Experiences of Red River Métis Accessing COVID Vaccines: A partnership-based, whole-population linked administrative data study

Nathan C. Nickel, Wanda Phillips-Beck, Leona Star, Ekuma Okechukwu, Carole Taylor, Oludolapo Deborah Balogun, Marni Brownell, Hera Casidsid, Mariette Chartier, Dan Chateau, Jennifer Enns, Alan Katz, Josee Lavoie, Lisa Lix, Alyson Mahar, Razvan Romanescu and Marcelo Urquia

Documenting First Nations Access to COVID Vaccines: A whole-population linked administrative data study


Nathan Nickel and Wanda Phillips-Beck

Supporting health and well-being among infants born to First Nations parents experiencing incarceration: a partnership-based whole-population administrative data study

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Neil Rowland, Babak Jahanshahi, Duncan McVicar, Dermot O'Reilly and Mark McGovern	Exposure to PM 2.5 and Birth Outcomes: Evidence from a Population-wide Database
Neil Rowland, Duncan McVicar, Babak Jahanshahi, Mark McGovern and Dermot O'Reilly	Long-term Exposure to Ambient PM2.5 and Self-Reported Health: Evidence from Longitudinally-linked Census Data
Nicholas Vinden, Jeremy Foxcroft and Luiza Antonie	Analysing Siamese Neural Network Architectures for Computing Name Similarity
Nicola Firman, Kate Homer, Gill Harper, John Robson and Carol Dezateux	Are children living with obesity more likely to consult their general practitioner for knee pain? Longitudinal analysis of linked primary care and National Child Measurement Programme (NCMP) records
Nicola Hughes, Richard Feltbower and Dan Stark	The use of healthcare datasets to investigate the impact of dose intensity in the adolescent and young adult cancer population
Nicola Jones, Louisa Degenhardt, Matthew Hickman, Suzanne Nielsen, Sarah Larney, Timothy Dobbins and Robert Ali	The impact of opioid agonist treatment on fatal and non-fatal drug overdose among people with a history of opioid dependence in NSW, Australia, 2001-2018: findings from the OATS retrospective linkage study
Nicole Yada, Michael Schull and Kimberlyn McGrail	Advancing multi-regional research in Canada through collaboration
Nisha Jacob, Brian Rice and Andrew Boulle	The validity of routine individuated programmatic data in HIV surveillance assessed over a 10-year period
Nishadi Kirelle, Peter Christen and Garrett Eilidh	Identifying prenuptial births from family pedigrees using record linkage
Nonie Alexander, Daniel Alexander and Spiros Denaxas	ClustEHR: a tool for generating synthetic EHR data for unsupervised learning experiments

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Nynke Halbesma, Andy Kent and Gareth Clegg	Epidemiology of out-of-hospital cardiac arrest in Scotland; impact of Scottish strategy and COVID-19 pandemic
Oliver Thwaites	A cross-sectional analysis on the effects of biodiversity and green space on mental well-being in Wales
Orna Fennelly, Bruno Voisin, Marta Olszewska, Derek Corrigan, Frank Moriarty, Tom Fahey, Divyajyoti Sarkar, Sherif Nagy and Simon Wong	DASSL “Data Access Sharing Storage & Linkage” Proof-of-Concept: Health and Related Data Linkage in Ireland
Padma Kaul, Luan Mahn Chu, Douglas Dover, Roseanne O. Yeung, Dean T Eurich and Sonia Butalia	Disparities in adherence to diabetes screening guidelines among males and females in a universal care setting: A population-based study of 1,389,697 adults
Passiona Cottee, Ximena Camacho, Natalie Cooper and Katie Irvine	A blueprint for enduring human services cross-jurisdictional data linkage, adapted to achieving outcomes for people with disability
Paul Caskie and Sian Morrison-Rees	AD ARC (Administrative Data Agri-Research Collection): Linking Individual, Household and Farm Business Data for Agricultural Research
Paul Longley, Justin van Dijk and Tian Lan	Linkage of historical GB Census data to present day population registers
Paul Nguyen, Sarah Bateni, Antoine Eskander, Soo Jin Seung, Nicole Mittmann, Kelvin Chan, Nicole Look-Hong and Timothy Hanna	Changes in healthcare costs and survival in the era of immunotherapy and targeted systemic therapy for melanoma
Paul Nguyen, Yuka Asai and Timothy Hanna	Impact of the COVID-19 pandemic on skin cancer diagnosis: A population-based study
Peter Christen and Rainer Schnell	Avoiding the Peak of Inflated Expectations: Common Misconceptions in Population Data Research


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Piotr Teodorowski, Saiqa Ahmed, Naheed Tahir, Kate Fleming, Sarah Rogers and Lucy Frith	Involvement and engagement of seldom-heard communities in big data research
Polina Obolenskaya	Exploring the potential of the newly linked Growing up in England dataset for building up new evidence for Gypsy, Traveller and Roma young people
Pooja Nair, Michael Smith and Maria Theochari	Accelerate the Creation of the cross agency Human Services Dataset
Qun Miao, Sandra Dunn, Shi-Wu Wen, Jane Lougheed, Fayza Sharif and Mark Walker	Associations of Congenital Heart Disease with Deprivation Index by Rural-Urban Maternal Residence: A Population-Based Retrospective Cohort Study in Ontario, Canada
Rachel Farber, Branislav Igic, Maria Alfaro-Ramirez, Michael Nelson, Catherine Francis and Lee Taylor	Better Cardiac Care (BCC) Data Linkage Project: utilising cross-jurisdictional data to improve patient-flow capture
Rachel McCarter, Michael Rosato and Gerry Leavey	Life-limiting health conditions, treatment and subsequent mortality associated with differences in health service use in people with severe mental illness: an analysis of the Northern Ireland population using administrative data sources
Rachel Shipsey	Making the 2022 Rwanda Census count
Rainer Schnell and Severin Weiland	Microsimulation of an educational attainment register to study record linkage quality
Rebecca Cannings-John, Fiona Lugg-Widger, Michael Robling, Simon Schoenbuchner and Hywel Jones	What are the risks for Domiciliary Care Workers in Wales from COVID-19?
Rebecca Cannings-John, Michael Robling, Fiona Lugg-Widger, James White, Julia Sanders and Mandy Lau	Evaluating the Family Nurse Partnership Programme in Scotland: a natural experiment using linked data from health, education and social care

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Rebecca Mitchell, Anne McMaugh, Carolyn Schniering, Cate Cameron, Reidar Lystad, Tim Badgery-Parker and Olav Niessen	Mental disorders and their impact on academic performance in Australia: a matched population-based cohort study
Rhiannon Owen, Jane Lyons, Ashley Akbari, Gareth Davies, Rowena Griffiths, Fatemeh Torabi and Ronan Lyons	Direct and indirect effects of the COVID-19 pandemic on mortality: an individual-level population-scale analysis
Rhiannon Pilkington, Alicia Montgomerie, Catia Malvaso, Dandara Haag, Angela Gialamas and John Lynch	Linked administrative data can inform policy and practice: An academic - government research partnership in South Australia
Rhodri Johnson, Amy Mizen, Rowena Bailey, Lucy Griffiths and Richard Fry	Associations between household garden size and childhood obesity in Wales, UK
Rhodri Johnson, Laura North, Bachar Alrouh, Ann John, Kerina Jones, Ashley Akbari, Jon Smart, Simon Thompson, Claire Hargreaves, Stefanie Doebler, Linda Cusworth, Karen Broadhurst, David Ford and Lucy Griffiths	A population-level study into health vulnerabilities of mothers and fathers involved in public law care proceedings in Wales, UK
Richard Beare, Adam Morris, Tanya Ravipati, Elizabeth Le, Taya Collyer, Helene Roberts, Velandai Srikanth and Nadine Andrew	A configurable software platform for creating, reviewing and adjudicating annotation of unstructured text
Richard Fry, Joe Hollinghurst, Laura North, Chris Emmerson, Sara Long, Ashley Akbari, Mike Gravenor and Ronan Lyons	Assessing the impacts of COVID-19 on Care Homes in Wales
Richard Fry, Lucy Griffiths, Helen Daniels, Amy Mizen, Rhodri Johnson, Rowena Bailey, James Rafferty, Rebecca Pedrick-Case, Gareth Stratton and Dora Pouliou	Multi-sectoral data linkages to explore associations between the built environment and BMI
Richard Shaw, Katie Harron, Julia Pescarini, Elzo Júnior, Andressa Siroky, Desmond Campbell, Ruth Dundas, Maria Yury Ichihara, Mauricio Barreto and Vittal Katikireddi	Biases arising from using linked administrative data for research: A conceptual framework from registration to analysis

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Richard Silverwood, Nasir Rajah, Lisa Calderwood, Bianca De Stavola, Katie Harron and George Ploubidis	Examining the quality and sample representativeness of linked 1958 National Child Development Study and Hospital Episode Statistics data
Rob Trubey, Ian Thomas, Rebecca Cannings-John and Peter Mackie	Linkage of people experiencing homeless using two consent models
Robin Flaig, Jacqui Oakley, Kirsteen Campbell, Katharine Evans, Stela McLachlan, Richard Thomas, Emma Turner and Andy Boyd	UK Longitudinal Linkage Collaboration – and the challenges in creating a new Longitudinal Populations Studies linked data resource
Robin Linacre, Sam Lindsay, Theodore Manassis, Zoe Slade and Tom Hepworth	Splink: Free software for probabilistic record linkage at scale
Robin Urquhart, Cynthia Kendell, Julia Kaal, Jessica Vickery and Lynn Lethbridge	Understanding how cancer survivors' needs and experiences after treatment impact their health care utilization: a survey-administrative health data linkage study
Robin Urquhart, Philip Awadalla, Parveen Bhatti, Trevor Dummer, Simon Gravel, Jennifer Vena, Riaz Alvi, Philippe Broet, Cynthia Kendell, Victoria Kirsh, Guillaume Lettre, Kimberly Skead, Grace Shen-Tu, Ellen Sweeney and Donna Turner	Harnessing the power of data linkage to enrich the cancer research ecosystem in Canada
Rohan Borschmann, Claire Keen, Jesse Young and Stuart Kinner	Increased risk of death following release from incarceration: an individual participant data meta-analysis of 1,314,568 adults in eight countries
Roheema Ewesesan, Mariette Chartier, Nathan Nickel, Elizabeth Wall-Wieler and Marcelo Urquia	Combining immigration records with a postpartum population-based survey to assess prevalence of perinatal psychosocial and behavioral risk factors among immigrant subgroups
Rosie Cornish, Alison Teyhan, John Macleod, Kate Tilling and Iain Brennan	Measuring serious violence: a comparison of self-reported and police-recorded outcomes in a UK birth cohort linked to local police data

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Rosie Cornish, Kate Tilling and Iain Brennan	Evaluating interventions for violence prevention using linked MoJ-DfE data: a feasibility study
Ruth Hall, Luke Mondor and Walter Wodchis	Applying the British Columbia Health System Matrix (BCHSM) population segmentation framework to support integrated care in Ontario, Canada
Ruth Lavergne, Ruth Carillo, Shira Goldenberg, Selamawit Hagos, Stefanie Machado, Sandra Peterson, Elmira Tayyar, Padmini Thakore, Cecilia Sierra-Heredia, Susitha Wanigaratne and Mei-Ling Wiedmeyer	Engaging im/migrant communities in cross-sectoral health and immigration data linkage research
Ruth Lavergne, Sandra Peterson, David Rudoler, David Stock and Emily Marshall	The same, only different: Using physician billing data from four provincial payment systems to describe family physician practice patterns in Canada
Sadaf Asrar, Imer Arnautovic and Dan Loew	An Approach to Collecting School District Level COVID-19 Mask Mandate Information in the United States from the Web using Tools Powered by Artificial Intelligence
Saera Chun, Jenny Ombler and Tiria Pehi	Outcomes for Māori clients in the Housing First programme in Aotearoa New Zealand
Salimah Shariff, Lucie Richard, Stephen Hwang, Jeffrey Kwong, Cheryl Forchuk, Naheed Dosani and Richard Booth	COVID-19 vaccine coverage and factors associated with vaccine uptake among individuals with a recent experience of homelessness: a population-based analysis from Ontario, Canada
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Sarah Collyer and Josie Plachta	Using linkage to assess coverage of population estimates

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Zoe White, Johanna Hall and Kristina Xhaferaj	Using an Alternative Method to Estimate Overcount for Census 2021

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