

AHES

Australian Health Economics Society

44th Annual AHES Conference Adelaide, 21-22 September 2023

Conference Program

Conference Abstracts Booklet

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Conference twitter hashtag: #AHES2023

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Sponsors:



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Keynote Speakers

Professor Jo Coast



Professor Joanna Coast has been an academic health economist for over 30 years. She is a Professor in the Economics of Health & Care at the University of Bristol, where she also co-directs the MSc in Health Economics & Health Policy Analysis. She is the Senior Editor, Health Economics for Social Science & Medicine and a non-executive director of the One Gloucestershire Integrated Care System. Jo's key research focus is on issues of resource allocation in health service provision. Her interests lie in the theories underlying economic evaluation; the measurement of capability outcomes for health, well-being, and care interventions across the life course; priority setting; end-of-life care and the economics of antimicrobial resistance. She also has a methodological interest in the use of qualitative methods in health economics. She has published extensively across these research areas and received major grants from the Medical Research Council, the European Research Council and Wellcome.

Professor Denzil Fiebig



Denzil has been a Professor in the School of Economics, UNSW Business School since 2001 and previously held a chair in econometrics at the University of Sydney. In 2003 Denzil was elected a Fellow of the Academy of Social Sciences in Australia. He was a member of the Australian Research Council College of Experts 2014-17, President of AHES 2005-10, on the Executive Board of iHEA 2014-17, chaired the iHEA Scientific Committee 2016-19 and is on the Scientific Committee of the Asian Workshop on Econometrics and Health Economics. He currently serves on the Advisory Board of the Centre for Health Economics Research and Evaluation at UTS and the Advisory Committee of the Centre for Health Economics at Monash University and on the editorial boards of *The Economic Record* and *Social Science and Medicine*. Denzil has won numerous teaching awards including a Vice Chancellor's Award for Teaching Excellence in 2016. Denzil's main research area is econometrics with an emphasis on applications in health economics. Associated publications have appeared in journals such as *Journal of Econometrics*, *Journal of Business and Economic Statistics*, *Review of Economics and Statistics*, *Marketing Science*, *Journal Health Economics*, *Health Economics and Social Science and Medicine*.

Program Overview

Thursday 21st September

- 8:00 – 8:50: Registration
8:50 – 9:00: Welcome Address
9:00 – 10:00: **Plenary Session 1: Denzil G. Fiebig (University of New South Wales)**
Machine learning: Evolution or revolution for health econometrics?)
10:00 – 10:20: Morning Tea | Poster viewing
10:20 – 12:00: **Parallel Session 1**
12:00 – 1:10: Lunch
(and Mentoring Session for Mentoring Program members)
1:10 – 2:50: **Parallel Session 2**
2:50 – 3:10: Afternoon Tea | Poster viewing
3:10 – 4:50: **Parallel Session 3**
4:50 – 5:15: pre-AGM drinks
5:15 – 6:15: AHES AGM & Awards
7:00 – 10:00: Drinks & Dinner

Friday 22nd September

- 8:30 – 9:00: Registration
9:00 – 10:20: **Parallel Session 4**
10:20 – 10:40: Morning Tea | Poster viewing
10:40 – 12:00: **Parallel Session 5**
12:00 – 12:15: **Mini Break**
12:15 – 1:15: **Parallel Session 6**
1:15-2:30: Lunch | Special Interest Groups
2:30 – 3:30 **Parallel Session 7**
3:30 – 3:45 **Parallel Session 8 (Oral brief)**
3:45 – 4:00: Mini Break | Poster viewing
4:00 – 5:00 **Plenary Session 2: Jo Coast (University of Bristol)**
“They have their exits and their entrances”: capability and economic evaluation at the beginning and end of life.

Time allocation for Parallel Sessions:

Parallel Sessions 1-7: 20 minutes per presentation (17-minute presentation and 3-minute question time)

Parallel Session 8: 5 minutes per presentation

Keynote Presentations

Machine Learning: Evolution or Revolution for Health Econometrics?

Denzil G. Fiebig (University of New South Wales)

Big data has been a catalyst for greater awareness of machine learning (ML) methods and their usefulness for data analysis. This talk provides an overview of such methods and examines their relevance for empirical researchers in health economics. For applications such as risk adjustment using large administrative data sets, off-the-shelf ML tools are a natural alternative to traditional predictive methods. But the combination of rich data and enhanced methods has made accessible more detailed and nuanced research questions. Further, the use of ML in combination with traditional econometric methods has become an active and productive research area where the emphasis is causal inference rather than prediction. A variety of applications are presented to support the argument that while there are many opportunities to use ML in health econometrics, they are a complement not a substitute for traditional econometric methods. What we are experiencing is an evolution in best practice methods in data analysis that reinforces the long-held notion that good problem solving requires more than just letting data speak and naive use of “sophisticated” methods.

“They have their exits and their entrances”: capability and economic evaluation at the beginning and end of life.

Jo Coast (University of Bristol)

The capabilities approach provides a conceptual way of thinking about the appropriate evaluative space for use in economic evaluation, to assist in choosing between alternative policy options. Amartya Sen favours a participatory approach in which capabilities are developed to be relevant to a particular context; the ICECAP suite of measures has interpreted one aspect of context as being where a person is on the life course. This presentation focuses on the extremes of the life course: children and young people (CYP) at the start of life; and older people at the end of life. For CYP, the talk presents new qualitative work that explores what capabilities are important to this group from the perspective of both CYP themselves, and their parents. The generation of two new measures, the ICECAP-CYP:11-15 and the ICECAP-CYP:6-11, is discussed. For EoL, the talk briefly presents the ICECAP-SCM (Supportive Care Measure), and then discusses qualitative work with policy makers around expanding the standard health gain evaluative space to encompass the different objectives of those at the EoL. The presentation ends with some reflections on the similarities and differences needed in measurement for those at these two extremes of the life course.

Conference Dinner

The Conference Dinner will be held at [Adelaide Oval](#), one of Adelaide's iconic stadiums hosting premier events.

NOTE: Dinner is available to those who purchased it as part of their conference registration. Sadly, late bookings cannot be accommodated.



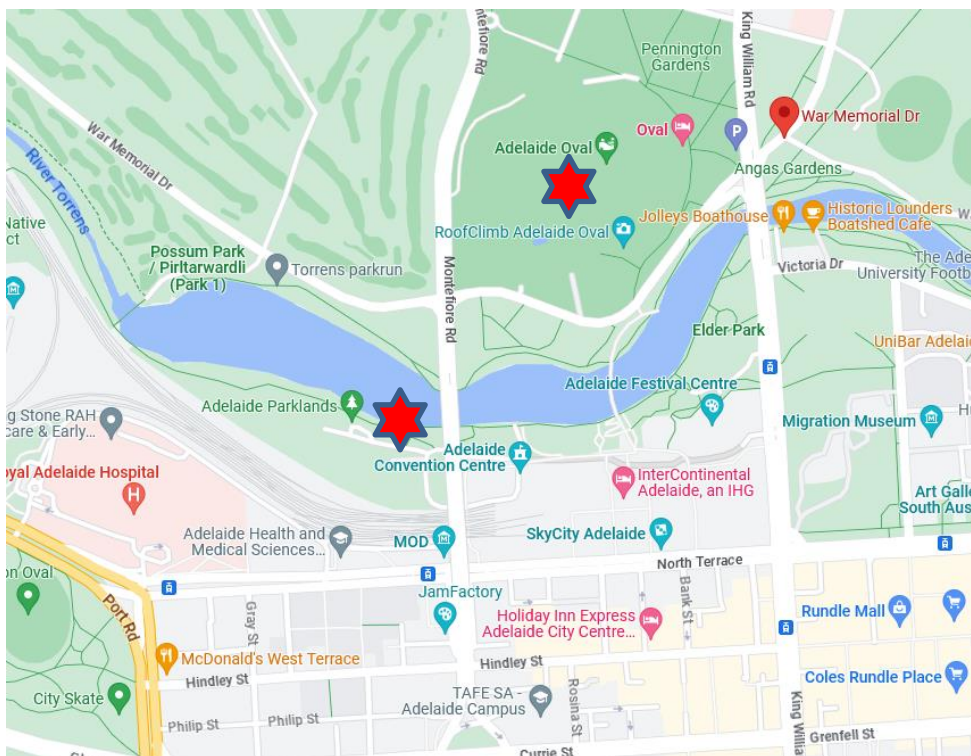
Location: War Memorial Drive, North Adelaide, SA 5006 (an easy 7-9-minute walk from the conference venue, the Adelaide Convention Centre)

Time: Thursday, 21st September 2023, 7pm-10pm.

Dinner: A three course dinner, wine, beer, and soft drinks are included. Spirits available for purchase.

Conference Venue

[Adelaide Convention Centre](#) (North Terrace, Adelaide, South Australia 5000)



Reduced rates for a limited number of rooms reserved for AHES participants at selected hotels. Details are posted on AHES [website](#).

ARRIVING BY CAR

Adelaide Convention Centre is situated at North Terrace, Adelaide, South Australia 5000.

SELF PARKING

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FROM THE AIRPORT

Adelaide Airport is located just seven kilometres and a quick 15-minute drive into/ from the city centre, and services direct national and international flights daily.

Conference Program

Thursday 21st September

		A Room: Riverbank Room 5	B Room: Riverbank Room 6	C Room: Riverbank Room 7	D Room: Riverbank Room 8	E Room: L1
8:00-8:50	Registration					
8:50-9:00	Welcome Address					
09:00-10:00	Plenary Session 1	Denzil G. Fiebig (University of New South Wales) Machine Learning: Evolution or revolution for health econometrics? Riverbank Room 8				
10:00-10:20	Morning Tea Poster session					
10:20-12:00	Parallel Session 1	Economic Evaluation and Cost effectiveness 1 Chair: Hanna Carter (QUT)	Health Econometrics Chair: Susan Mendez (University of Melbourne)	Demand and Supply of Healthcare Services 1 Chair: Ishani Majmudar (Deakin University)	Government Policy, Regulation, and Public Health Chair: Lan Nguyen (University of Queensland)	Aged Care Chair: Tracy Comans (University of Queensland)
12:00-1:10	Lunch Break Mentoring session (Room: Riverbank Room 5)					
1:10-2:50	Parallel Session 2	Economic Evaluation and Cost effectiveness 2 Chair: Abdilla Ahsan (Universitas Indonesia)	Mental Health Chair: Syed Afroz (University of Queensland)	Demand and Supply of Healthcare Services 2 Chair: Jongsay Yong (University of Melbourne)	Child Health 1 Chair: Cate Bailey (University of Melbourne)	Discrete Choice Experiments 1 Chair: Martin Howell (University of Sydney)
2:50-3:10	Afternoon Tea Poster session					
3:10-4:50	Parallel Session 3	Economic Evaluation and Cost effectiveness 3 Chair: Louisa Gordon (QIMR Berghofer)	Health and Subjective Wellbeing 1 Chair: Jo Coast (University of Bristol)	Health and Inequality Chair: Jemimah Ride (Monash University)	Quality of Life 1 Chair: Lidia Engel (Monash University)	Discrete Choice Experiments 2 Chair: Thao Thai (Monash University)
4:50-5:15	Pre-AGM drinks					
5:15-6:15	AHES AGM & Awards					
7:00-10:00	Drinks & Dinner					

Friday 22nd September

		A Room: Riverbank Room 5	B Room: Riverbank Room 6	C Room: Riverbank Room 7	D Room: Riverbank Room 8	E Room: L1
8:30-9:00	Registration					
9:00-10:20	Parallel Session 4	Economic Evaluation and Cost effectiveness 4 Chair: Jean Spinks <i>(University of Queensland)</i>	Health and Subjective Wellbeing 2 Chair: Anthony Harris <i>(Monash University)</i>	Organised Session: Generating new economic evidence of lung, prostate and colorectal cancer across screening, treatment and end-of-life care. Chair: Nikki McCaffrey <i>(Deakin University)</i>	Organised Session: Social values and equity weighting in healthcare priority setting <i>Chair: Emily Lancsar (Australian National University)</i>	Organised Session: How should we be measuring quality of life in children with different health conditions and their caregivers? Chair: Gang Chen <i>(Monash University)</i>
10:20-10:40	Morning Tea Poster session					
10:40-12:00	Parallel Session 5	Economic Evaluation and Cost effectiveness 5 <i>Chair: Tom Lung (University of Sydney)</i>	Organised Session: Economic evidence for understanding and preventing suicidal ideation and self-harm. Chair: Henry Cutler <i>(Macquarie University)</i>	Economic Burden Chair: Julie Campbell <i>(University of Tasmania)</i>	Child Health 2 Chair: Trong-Anh Trinh <i>(Monash University)</i>	Organised Session: Enhancing Measurement and Valuation of Health-Related Quality of Life in Children and Young People: Challenges and Knowledge Gains Chair: Yuanyuan Gu <i>(Macquarie University)</i>
12:15-1:15	Parallel Session 6	Healthcare Costs 1 Chair: Jane Desborough <i>(Australian National University)</i>	Organised Session: Smoking, quitting, and vaping – new insights from health economics. Chair: Daniel Lindsay <i>(QIMR Berghofer)</i>	Organised Session: Assessing Medicare Programs: Evidence, Impacts and Policy Perspectives. Chair: Yuting Zhang <i>(University of Melbourne)</i>	Organised Session: Alcohol harms in Australia: modelling the avoidable burden and cost-effectiveness of policy interventions. Chair: Lennert Veerman <i>(Griffiths University)</i>	Artificial Intelligence Chair: Maame Esi Woode <i>(Monash University)</i>
1:15-2:30	Lunch Special Interest Group Meeting					

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2:30-3:30	Parallel Session 7	Economic Evaluation and Cost effectiveness 6 Chair: Marshall Makate <i>(Curtin University)</i>	Organised Session: AIHW Health Economics: reporting and analysis Chair: Geoff Callaghan <i>(AIHW)</i>	Healthcare Costs 2 Chair: Hua Ma <i>(Monash University)</i>	Valuing Health States and Quality of Life Chair: Mona Aghdaee <i>(Macquarie University)</i>	Quality of Life 2 Chair: Jia Song <i>(Flinders University)</i>
3:30-3:45	Parallel Session 8 (oral brief)	Oral brief-1		Oral brief -2	Oral brief -3	Oral brief -4
3:45-4:00	Mini Break					
4:00-5:00	Plenary Session 2	Jo Coast (University of Bristol) “They have their exits and their entrances” Capability and economic evaluation at the beginning and end of life. Riverbank Room 8				

Parallel Session 1 Thursday 21st September [20 minutes per presentation (17-minute presentation and 3-minute question time)]

		A Room: Riverbank Room 5	B Room: Riverbank Room 6	C Room: Riverbank Room 7	D Room: Riverbank Room 8	E Room: L1
10:20-12:00	Parallel Session 1	Economic Evaluation and Cost Effectiveness 1	Health Econometrics	Demand and Supply of Healthcare Services 1	Government Policy, Regulation, and Public Health	Aged Care
	Chair:	Hanna Carter QUT	Susan Mendez University of Melbourne	Ishani Majmudar Deakin University	Lan Nguyen University of Queensland	Tracy Comans University of Queensland
	Paper 1	<i>Policy Decisions on Locally Advanced and Advanced Lung Cancer Treatments in Australia: A Comparison of Survival between Clinical Trials and Real-World Evidence</i> Gopisankar Mohanannair Geethadevi Monash University	<i>Weathering a health shock, impacts on educational outcomes.</i> Peyman Firouzi Naeim University Technology Sydney	<i>Distance as a barrier to care: Evidence from the expansion of cancer treatment centres</i> Dan Liu University of Technology Sydney	<i>FCTC ratification, smoking prevalence, and GDP per capita: lessons for Indonesia and the rest of the world</i> Abdillah Ahsan Demographic Institute of Indonesia	<i>Exploring the face validity of the EQ-5D-5L, EQ-HWB, ASCOT and QOL-ACC in residential aged care</i> Lidia Engel Monash University
	Paper 2	<i>Simulating the Healthcare Workforce Impact and Capacity for Pancreatic Cancer Care in Victoria: A Model-Based Analysis</i> Lan Gao Deakin University	<i>Accuracy of self-reported private health insurance coverage</i> Ha Nguyen Telethon Kids Institute	<i>Does telehealth improve prescribing quality in primary care? Evidence from Australia</i> Maria Wisniewska Monash University	<i>The impact of enhancing social care on healthcare use and mental health prescriptions for people with a disability: evidence from Australia</i> Hua Ma Monash University	<i>Proxy reported aged care-specific quality of life: validation of a proxy version of the Quality of Life-Aged Care Consumers (QOL-ACC) instrument</i> Jyoti Khadka Flinders University
	Paper 3	<i>Economic evaluation of shared care models to improve survivorship care for cancer outpatients</i> Joseph Carrello University of Technology Sydney	<i>A Bayesian Factor-Augmented Multi-Product Use Model with Choice Set Endogeneity with an Application to Marijuana Use</i> Tao Sun University of Melbourne	<i>Impact of telehealth on access to obstetric services in Australia</i> Abiola Olaleye University of Southern Queensland	<i>Change in dental visits of eligible children under impact of the Child Dental Benefits Schedule in Australia</i> Lan Nguyen University of Queensland	<i>One and the same or different? An empirical comparison of aged care recipient and non-aged care recipient preferences for quality of aged care amongst older Australians</i> Jia Song Flinders University

Session continued on next page...

	Paper 4	<p>The cost-consequences of a nudge intervention to improve care in hospital admissions at the end of life: results from a stepped-wedge cluster randomised trial</p> <p><i>Hanna Carter</i> Queensland University of Technology</p>	<p><i>Team Familiarity: The case of Surgeon and Anesthesiologist Learning</i></p> <p><i>Erica Sun</i> Stanford University</p>	<p><i>The impact of female education on maternal healthcare utilization: Evidence from Viet Nam</i></p> <p><i>Trang Dang</i> University of Adelaide</p>	<p><i>Using economic evidence to support decision makers</i></p> <p><i>Bronwyn Croxson</i> New Zealand Ministry of Health</p>	<p><i>Preferences and the willingness to pay for a dementia home care program: A Discrete Choice Experiment in Australia</i></p> <p><i>Sabrina Lenzen</i> University of Queensland</p>
	Paper 5		<p><i>Teams in the operating room</i></p> <p><i>Susan Mendez</i> University of Melbourne</p>	<p><i>The Impact of Loneliness on Health Service Use and Health-Related Quality of Life among informal carers in Australia</i></p> <p><i>Ishani Majmudar</i> Deakin University</p>	<p><i>Causes of risky pharmaceutical opioid use in Australia: Evidence from internal migration</i></p> <p><i>Francis Graham</i> Monash University</p>	<p><i>Residential Aged Care Funding in Australia: Past, Present and Future.</i></p> <p><i>Kees Van Gool</i> Menzies Centre for Health Policy and Economics</p>

Parallel Session 2 Thursday 21st September [20 minutes per presentation (17-minute presentation and 3-minute question time)]

		A Room: Riverbank Room 5	B Room: Riverbank Room 6	C Room: Riverbank Room 7	D Room: Riverbank Room 8	E Room: L1
1:10-2:50	Parallel Session 2	Economic Evaluation and Cost Effectiveness 2	Mental Health	Demand and Supply of Healthcare Services 2	Child Health 1	Discrete Choice Experiments 1
	Chair:	Abdillah Ahsan Universitas Indonesia	Syed Afroz Keramat University of Queensland	Jongsay Yong University of Melbourne	Cate Bailey University of Melbourne	Martin Howell University of Sydney
	Paper 1	<i>Economic Evaluation of Healthy Food and Drink Retail Policies in Australian Healthcare Settings</i> Huong Tran Deakin University	<i>Deterioration of Health-Related Quality of Life: The Hidden Health Burden of Informal Caregiving</i> Syed Afroz Keramat University of Queensland	<i>Can a future-health-evoking story increase preventive health information seeking?</i> Huan Wang University of Melbourne	<i>Children's Time Allocation and the Socioeconomic Gap in Human Capital</i> Danusha Jayawardana Monash University	<i>A reporting checklist for discrete choice experiments in health</i> Jeminah Ride Monash University
	Paper 2	<i>Modelled health economic and distributional impact on dental caries and health outcomes from a 20% sugar sweetened beverages tax in Australia.</i> Tan Nguyen Monash University	<i>Impact of postnatal depression on productivity losses</i> Paul Amores University of Melbourne	<i>Effects of private health insurance on hospital utilisation in a mixed public-private system</i> Jongsay Yong University of Melbourne	<i>Childhood ADHD and Young Adult Outcomes</i> Jessica Arnup Monash University	<i>Preference inversion in Discrete Choice Experiment: A comparison between emoji scale and purple colour coding</i> Thao Thai Monash University
	Paper 3	<i>Impact of a Sugar Sweetened Beverage (SSB) tax on Oral Diseases in Australia: A modelling study</i> Mishel Shahid Griffith University	<i>Economic Disparities, Life Events, and the Gender Mental Health Gap</i> Kim Huong Nguyen University of Queensland	<i>Socioeconomic inequity in the utilisation of hospital-related care among people with eating disorders in Australia: Trend and decomposition analyses</i> Moin Uddin Ahmed University of Sydney	<i>The effects of sleep duration on child health and development</i> Francis Mitrou Telethon Kids Institute & University of Western Australia	<i>Do risk attitudes influence completion of a discrete choice experiment?</i> Alison Pearce University of Sydney

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	Paper 4	<i>Cost-effectiveness of treatment and management of early gestational diabetes mellitus: economic evaluation alongside the TOBOGM study, an international multi-centre randomized controlled trial</i> <i>Mohammad Monirul Haque Western Sydney University</i>	<i>Does universal access to psychosocial services improve the quality of mental health services</i> <i>Thomas Plunkett Monash University</i>	<i>The disease modifying therapy utilisation and costs trends for multiple sclerosis in Australia from 2013 to 2022</i> <i>Ting Zhao University of Tasmania</i>	<i>Inequity in Child Mental Healthcare Use</i> <i>David Johnston Monash University</i>	<i>How much overlap is just right? Comparing stated preference with model consistency in DCEs</i> <i>Peiwen Jiang University of Technology Sydney</i>
	Paper 5	<i>Future burden of ischemic stroke in Australia: impact on health outcomes between 2019 and 2038</i> <i>Tamrat Befekadu Abebe Monash University</i>	<i>Treatment Gap for Depression in Indonesia</i> <i>Mohammad Fikru Rizal Monash University</i>	<i>Trends in increased healthcare service utilizations and expenditures of older adults in China from 1993 to 2018</i> <i>Nina Wu China Capital Medical University</i>	<i>Resilience, Socioeconomic Status and Wellbeing among Adolescents in Australia</i> <i>Maame Esi Woode Monash University</i>	<i>What is more important for a better life amongst adolescents in Australia?</i> <i>Gang Chen Monash University</i>

Parallel Session 3 Thursday 21st September [20 minutes per presentation (17-minute presentation and 3-minute question time)]

		A Room: Riverbank Room 5	B Room: Riverbank Room 6	C Room: Riverbank Room 7	D Room: Riverbank Room 8	E Room: L1
3:10-4:50	Parallel Session 3	Economic Evaluation and Cost Effectiveness 3	Health and Subjective Wellbeing 1	Health and Inequality	Quality of Life 1	Discrete Choice Experiments 2
	Chair:	Louisa Gordon QIMR Berghofer	Jo Coast University of Bristol	Jemimah Ride Monash University	Lidia Engel Monash University	Thao Thai Monash University
	Paper 1	<i>What level of aggregation should we use in economic evaluation: an inferiority cluster crossover trial of aspirin after joint replacement</i> Nicola Huxley Monash University	<i>Exploring Inequality of Opportunity in Birth Outcomes: A Mother Fixed-Effects Study</i> Namal N. Balasooriya The University of Queensland	<i>Inequality aversion in health: views of the Australian general public on disparities between socioeconomic groups, Indigenous status, and geographic location</i> Marie-Anne Boujaoude University of Melbourne	<i>Integrating Social Outcomes and Health Related Quality of Life</i> Akanksha Akanksha University of Technology Sydney	<i>Patient preferences for breast cancer treatment in New Zealand (NZ): a stated preference Discrete Choice Experiment (DCE) study</i> Hui Yee Yeo University of Otago
	Paper 2	<i>Valuing the health benefits of active transport</i> Lennert Veerman Griffith University	<i>Economic and mental health effects of automotive plant closures: Evidence from Australia</i> Ashani Abayasekara Monash University	<i>Decomposing gaps in healthy and unhealthy life expectancy between Indigenous and non-Indigenous Australians: overall and by underlying causes</i> Yuejen Zhao NT Department of Health	<i>Socioeconomic inequalities in health-related quality of life among Australian disabled population: Explaining disability types and chronic conditions</i> Rubayyat Hashmi University of Adelaide	<i>The Path to Resilience: Insights from a National Survey and Contingent Valuation on Emergency Preparedness among Australians with Disability, Caregivers, and General Population</i> Jade Chang University Sydney
	Paper 3	<i>Impact of structural differences on the modelled cost-effectiveness of non-invasive prenatal testing</i> Amber Salisbury University of Sydney	<i>Rainfall Variation and Wellbeing in Urban Informal Settlements: Evidence from Indonesia</i> Farzana Hossain Monash University	<i>Developing a childhood obesity model for priority populations</i> Tom Lung University of Sydney	<i>Impact of deaf and hard of hearing and interventions on quality of life: a systematic review of cohort studies</i> Rajan Sharma Macquarie University	<i>Measuring the importance of different barriers to opioid agonist treatment using best-worst scaling in an Australian setting</i> Natasha Hall Monash University

Session continued on next page...

	<p>Paper 4</p>	<p><i>Economic evaluations of interventions for reducing perinatal morbidity and mortality: a systematic review</i></p> <p>Marshall Makate Curtin University</p>	<p><i>Social environments, genetic predispositions, and lifestyle with risk of dementia: a long-term cohort study</i></p> <p>Melinda Chen University of New South Wales</p>	<p><i>Health selection, partner's and child's health status, family time allocation and labour market participation - Another pathway to widening gendered inequality</i></p> <p>Tinh Doan Australian National University</p>	<p><i>The quality-of-life impact of the COVID-19 pandemic on people living with multiple sclerosis and the general population: a comparative study utilising the novel EQ-5D-5L-Psychosocial instrument</i></p> <p>Glen Henson University of Tasmania</p>	<p><i>Measuring parent preferences for care during a child's hospital admission: an unlabelled DCE survey</i></p> <p>Virginia Mumford Macquarie University</p>
	<p>Paper 5</p>	<p><i>Bring out Your Dead: A Review of the Cost Minimisation Approach in Health Technology Assessment Submissions to the Australian Pharmaceutical Benefits Advisory Committee</i></p> <p>Zachary Tirrell Macquarie University</p>	<p><i>Heterogeneity in the intertemporal persistence of health: Evidence from a monthly micro panel</i></p> <p>Kevin Staub University of Melbourne</p>	<p><i>An Intersectional Approach to Quantifying the Impact of Geographic Remoteness and Health Disparities on Quality-Adjusted Life Expectancy: Application to Australia</i></p> <p>Peter Lee Deakin University</p>	<p><i>Personality Traits, Capability and Subjective Wellbeing among Adults in Australia</i></p> <p>Zhao Shi Monash University</p>	<p><i>Evaluating Consumer Preferences for Government Subsidized Prescription Medicines using Discrete Choice Experiment</i></p> <p>Elena Meshcheriakova University of Technology Sydney</p>

Parallel Session 4 Friday 22nd September [20 minutes per presentation (17-minute presentation and 3-minute question time)]

		A Room: Riverbank Room 5	B Room: Riverbank Room 6	C Room: Riverbank Room 7	D Room: Riverbank Room 8	E Room: L1
9:00-10:20	Parallel Session 4	Economic Evaluation and Cost Effectiveness 4	Health and Subjective Wellbeing 2	Organised Session: Generating new economic evidence of lung, prostate and colorectal cancer across screening, treatment and end-of-life care	Organised Session: Social values and equity weighting in healthcare priority setting	Organised Session: How should we be measuring quality of life in children with different health conditions and their caregivers?
	Chair:	Jean Spinks University of Queensland	Anthony Harris Monash University	Nikki McCaffrey Deakin University	Emily Lancsar Australian National University	Gang Chen Monash University
	Paper 1	<i>Cost-effectiveness of eADVICE</i> Amy von Huben University of Technology Sydney	<i>Precarious employment and health in Australia: What are the roles of energy poverty and financial fragility?</i> Jonas Fookan University of Queensland	<i>Evaluating the cost-effectiveness of lung cancer screening strategies incorporating new therapies</i> Jackie Roseleur Flinders University	<i>Australian public's view of the value of health gains in children compared to adults: results from Person-Trade-Off</i> Udeni De Silva Perera Monash University	<i>How does the psychometric performance of common generic paediatric health-related quality of life instruments compare in children with different health conditions? Results from the Australian Paediatric Multi-Instrument Comparison (P-MIC) Study</i> Renee Jones University of Melbourne
	Paper 2	<i>Finding the cost-effectiveness of theory-based implementation approaches: an analysis of the Hide and Seek Project (HaSP) trial</i> Bonny Parkinson Macquarie University	<i>Informal Care and Financial Stress: Longitudinal Evidence from Australia</i> Isaac Koomson University of Queensland	<i>Cost-effectiveness analysis of the Navigate online treatment decision aid for men with prostate cancer compared to usual practice</i> Daniel Lindsay QIMR Berghofer Medical Research Institute	<i>Eliciting equity weights: a comparison between Discrete Choice Experiment (DCE) and "Person-trade-off (PTO)" approaches</i> Jinhu Li Australian National University	<i>Comparing the psychometric performance of generic paediatric health-related quality of life instruments in children and adolescents with ADHD, Anxiety and/or Depression.</i> Rachel O'Loughlin University of Melbourne

Session continued on next page...

	Paper 3	<i>Cost-effectiveness of delaying or avoiding total knee replacements by implementing a national non-surgical management program</i> <i>Sean Docking Monash University</i>	<i>Retirement Combat Depression</i> <i>Lanjie Wang Singapore Management University</i>	<i>Factors affecting treatment costs for colorectal cancer</i> <i>Ou Yang University of Melbourne</i>	<i>A Priority-setting framework for value-based healthcare: Evidence from NSW</i> <i>Mona Aghdaee Macquarie University</i>	<i>Assessment of health-related quality of life in children with or without health conditions using pictorial patient-reported outcome measures: A systematic review</i> <i>Christine Mpundu-Kaambwa Flinders University</i>
	Paper 4	<i>To pee or not to pee: Economic evaluation of treatment by alternative providers for uncomplicated urinary tract infections in women in Australia</i> <i>Jean Spinks University of Queensland</i>	<i>Digging Deeper into the Effects of Emotional Cues on Violence Against Women</i> <i>Sara Hutchinson Tovar Monash University</i>	<i>Costs of palliative care for cancer patients in the public acute healthcare setting: results from a Queensland population data linkage study (COS-Q)</i> <i>Katharina Merollini University of the Sunshine Coast</i>	<i>Shall we pay more for rare disease drugs? Assessing decision makers' preferences by a sequential Discrete Choice Experiment approach</i> <i>YuanYuan Gu Macquarie University</i>	<i>Psychometric performance of the EQ-HWB-S (EQ Health and Wellbeing Instrument) for measuring quality of life in parents of children with health conditions</i> <i>Cate Bailey University of Melbourne</i>

Parallel Session 5 Friday 22nd September [20 minutes per presentation (17-minute presentation and 3-minute question time)]

		A Room: Riverbank Room 5	B Room: Riverbank Room 6	C Room: Riverbank Room 7	D Room: Riverbank Room 8	E Room: L1
10:40-12:00	Parallel Session 5	Economic Evaluation and Cost Effectiveness 5	Organised Session: Economic evidence for understanding and preventing suicidal ideation and self-harm	Economic Burden	Child Health 2	Organised Session: Enhancing Measurement and Valuation of Health-Related Quality of Life in Children and Young People: Challenges and Knowledge Gains
	Chair:	Tom Lung University of Sydney	Henry Cutler Macquarie University	Julie Campbell University of Tasmania	Trong-Anh Trinh Monash University	Yuanyuan Gu Macquarie University
	Paper 1	<i>Economic evaluation of the cost and benefits of air pollution control: a systematic review</i> Siyuan Wang George Institute for Global Health	<i>The Impact of Child Abuse on Suicidal Ideation in Children: Evidence From South Korea</i> Elcin Tuzel University of Queensland	<i>Women are leading the socioeconomic gradient transition in non-communicable diseases in China: longitudinal national data analysis between 1991 and 2020</i> Xuemei Zhang University of Melbourne	<i>Income Shocks and Human Capital Development.</i> Sundar Ponnusamy Monash University	<i>A longitudinal evaluation of the psychometric properties of the PedsQL GCS in children with common childhood health conditions</i> Rakhee Raghunandan University of Sydney
	Paper 2	<i>The cost-effectiveness of preserving independence in people with dementia</i> Rachel Elliott University of Manchester	<i>Association between geographical accessibility of electronic gaming machines and the prevalence of suicide</i> Lachlan Cameron University of Melbourne	<i>The temporal change in life expectancy of CLL patients in Australia</i> Dieu Nguyen Deakin University	<i>The Effect of Cyberbullying Victimization on Adolescent Mental Health: Evidence from Australia</i> Keshini Muthukuda University of Queensland	<i>A systematic review of the relative social value of child health and adult health</i> Martin Howell University of Sydney

Session continued on next page...

	Paper 3	<i>Cost-effectiveness of eight system-level strategies for enhancing youth mental health: a system dynamics modelling and simulation analysis</i> <i>Paul Crosland University of Sydney</i>	<i>Preventing suicidal ideation from going ‘under the radar’: Understanding men’s preferences for suicide prevention services to increase uptake and effectiveness</i> <i>Anam Bilgrami Macquarie University</i>	<i>The Economic Burden of Autosomal Recessive and X-Linked Conditions Associated with An Extensive Gene Panel Screening in Australia</i> <i>Tianjiao Wang Griffith University</i>	<i>Maternal involuntary job loss and child mental health in Australia</i> <i>Dao Nguyen Dinh The University of Queensland</i>	<i>Are Quality Adjusted Life Year (QALY) gains in children of similar value to those in adults? A qualitative exploration with young people and adults</i> <i>Marcus Sellars Australian National University</i>
	Paper 4	<i>Within trial cost-utility analysis of treatment initiation with subcutaneous ketamine for treatment resistant depression – The KADS Study</i> <i>Cathy Mihalopoulos Monash University</i>	<i>Changing patterns of healthcare use and cost from LifeSpan: A complex, multi-strategy suicide prevention model to reduce self-harm</i> <i>Olukorede Abiona Macquarie University</i>	<i>Substantial health economic benefits with increased access to Multiple Sclerosis Specialist Nurses in Australia: Policy implications for healthcare resource decision makers</i> <i>Julie Campbell University of Tasmania</i>		<i>Social value of a QALY: Exploring potential spill-over benefits</i> <i>Elizabeth Huynh Australian National University</i>

Parallel Session 6 Friday 22nd September [20 minutes per presentation (17-minute presentation and 3-minute question time)]

		A Room: Riverbank Room 5	B Room: Riverbank Room 6	C Room: Riverbank Room 7	D Room: Riverbank Room 8	E Room: L1
12:15-1:15	Parallel Session 6	Healthcare Cost 1	Organised Session: Smoking, quitting, and vaping – new insights from health economics	Organised Session: Assessing Medicare Programs: Evidence, Impacts and Policy Perspectives	Organised Session: Alcohol harms in Australia: modelling the avoidable burden and cost-effectiveness of policy interventions	Artificial Intelligence
	Chair:	Jane Desborough Australian National University	Daniel Lindsay QIMR Berghofer	Yuting Zhang University of Melbourne	Lennert Veerman Griffith University	Hua Ma Monash University
	Paper 1	<i>Counting the Costs: A Comprehensive Study of Cancer-related premature mortality and its effects on India's Economic Productivity</i> Koushik Roy Pramanik IIPS	<i>Cost-effectiveness of preoperative smoking cessation to prevent surgical complications in people undergoing oesophageal cancer surgery</i> Nikki McCaffrey Deakin University	<i>The anticipatory effects of Medicare Pharmaceutical Benefits Schemes' Safety Net program</i> Yuting Zhang University of Melbourne	<i>Avoidable health and economic burden related to alcohol consumption in Australia</i> Mary Wanjau Griffith University	<i>Economic evaluation of artificial intelligence to enhance breast cancer screening</i> Joanne Scarfe University of Sydney
	Paper 2	<i>What is the full cost of physical (in)activity related conditions, including mediated effects and injuries?</i> Emily Bourke Australian Institute of Health and Welfare	<i>The impact of psychological distress and smoking on household expenditure</i> Anita Lal Deakin University	<i>The impact of targeted healthcare reform on mortality: Evidence from Australia's Indigenous Practice Incentives Program</i> Karinna Saxby University of Melbourne	<i>Economic Evaluation of a Uniform Volumetric Tax on Alcohol in Australia</i> Jaithri Ananthapavan Deakin University	<i>Combining Artificial Intelligence Driven Adaptive Trials and Value of Information Analysis for Optimised Decision-Making.</i> Antonio Ahumada-Canale Macquarie University
	Paper 3	<i>People with chronic conditions' experiences of out-of-pocket costs in Australia: findings of a systematic review of the qualitative literature</i> Jane Desborough Australian National University	<i>Systematic review of population policy modelling studies of e-cigarette regulations</i> Louisa Gordon QIMR Berghofer Medical Research Institute	<i>Impacts of the Better Access Initiative on Psychologists</i> Trong-Anh Trinh Monash University	<i>Economic evaluation of a policy to restrict density of licensed premises</i> Mary Rose Angeles Deakin University	<i>Assessing health consumer acceptance of Artificial Intelligence Use in Australia: A Discrete Choice Experiment</i> Vinh Vo Monash University

Parallel Session 7 Friday 22nd September [20 minutes per presentation (17-minute presentation and 3-minute question time)]

		A Room: Riverbank Room 5	B Room: Riverbank Room 6	C Room: Riverbank Room 7	D Room: Riverbank Room 8	E Room: L1
2:30-3:30	Parallel Session 7	Economic Evaluation and Cost Effectiveness 6	Organised Session: Australian Institute of Health and Welfare (AIHW)	Healthcare Costs 2	Valuing Health States and Quality of Life	Quality of Life 2
	Chair:	Marshall Makate Curtin University	Geoff Callaghan AIHW	Maame Esi Woode Monash University	Mona Aghdaee Macquarie University	Jia Song Flinders University
	Paper 1	<i>Cost-consequence analysis of deprescribing to optimise health outcomes for frail older people: A within-trial analysis</i> Charles Okafor University of Queensland	AIHW Health Economics: reporting and analysis	<i>Cost Analysis of COVID-19 in Australia</i> Imalka Rath University of Southern Queensland	<i>Measuring health-related quality of life in older adults with low bone mass and obesity in clinical trials of exercise: Are widely used instruments fit for purpose?</i> Carrie-Anne Ng University of Technology Sydney	<i>Feasibility, face validity and content validity of the EQ-5D-5L, EQ-HWB and EQ-5D-Y-5L in adults and children with rare diseases and their carers: a think-aloud qualitative study</i> Mackenzie Bourke University of Melbourne
	Paper 2	<i>Waste in clinical trials</i> Chris Schilling University of Melbourne		<i>Heart Health Hub virtual care pilot program for heart failure patients, Queensland, Australia; A cost consequence study</i> Ruvini Hettiarachchi University of Queensland	<i>Validation of the short form (8 item) PC-QoL instrument, and applicability of use as a health state classification system for a new preference based measure</i> Jack Roberts Queensland University of Technology	<i>Child's perception of health-related quality of life (HRQoL): A mixed method approach</i> Diana Khanna Flinders University
	Paper 3	<i>Modelled cost-effectiveness of a general practitioner-training program for adolescent depression</i> Cindy Liang University of Melbourne		Geoff Callaghan Australian Institute of Health and Welfare (AIHW)	<i>Economic Costs of Responding to Residential Fire Incidents in New South Wales</i> Fahmida Rahman Western Sydney University	<i>Preferences and values for genomic testing in Atrial Fibrillation: a discrete choice experiment</i> Cun Liu University of Melbourne

Session continued on next page...

Parallel Session 8 Friday 22nd September [5 minutes per presentation]

		A Room: Riverbank Room 5	B Room: Riverbank Room 6	C Room: Riverbank Room 7	D Room: Riverbank Room 8	E Room: L1
3:30-3:45	Parallel Session 7	Oral brief 1	Organised Session: Australian Institute of Health and Welfare (AIHW)	Oral brief 2	Oral brief 3	Oral brief 4
	Paper 1	<i>Potential Cost-Effectiveness of Maternal Influenza Immunisation in a Hypothetical Low-Income Country: An Explorative Modelling Study to Guide Future Clinical Research</i> Yingying Wang University of Melbourne		<i>Model-based economic evaluations of interventions for dementia: An updated systematic review and quality assessment</i> Mohsen Ghaffari Darab Deakin University	<i>How supermarket retailers value business outcomes of healthy food retail strategies: a discrete choice experiment</i> Moosa Al subhi Deakin University	<i>Relationship between EQ-5D-5L health state utilities with disability and fatigue severity for people living with Myalgic Encephalomyelitis/Chronic Fatigue Syndrome in Australia</i> Nneka Orji Menzies Institute for Medical Research
	Paper 2	<i>A systematic review of economic evaluations of community interventions for child sexual exploitation/sexual abuse</i> Sithara Wann Arachchige Dona Deakin University		<i>Cost-effectiveness of reducing length of stay for total joint arthroplasty</i> Siddharth Rele University of Melbourne	<i>Do consumers prefer over-the-counter oral contraceptive pills in Australia? A Discrete Choice Experiment</i> Zobaida Piu Macquarie University	<i>Construct validity and ceiling effects of EQ-5D-5L and QLU-C10D in individuals undergoing colonoscopy</i> Norma Bulamu Flinders University
	Paper 3	<i>Methods to include environmental impacts in health economic evaluations and health technology assessments: a scoping review</i> Jake Williams University of Sydney		<i>Evaluating the Cost-Effectiveness of a New Psychotherapeutic Intervention for Managing Posttraumatic Stress Disorder in Emergency Service Workers</i> Varinder Jeet Macquarie University		

Organised Session Summaries

Generating new economic evidence of lung, prostate and colorectal cancer across screening, treatment and end-of-life care

Parallel Session 4C, Friday 22nd September, 9:00-10:20

Each year 151,000 Australians are told they have cancer by their doctor, equating to 413 cases per day. Consequently, cancer is a major public health issue contributing to significant illness and 50,000 deaths each year. Improvements in the effectiveness of treatments and other medical advances have greatly improved survival prospects, as well as prevention and early detection initiatives. This is particularly true for the biggest cancers in Australia; breast cancer, prostate cancer, colorectal cancer, lung cancer and melanoma. However, medical advances are also making the costs of cancer rise phenomenally fast. There are now over 1.1 million people living with cancer in Australia, with most needing ongoing medical care and monitoring. Understanding the healthcare costs of cancer from detection and diagnosis through to survivorship and palliative care, is increasingly important for such a common and expensive disease.

Members of the AHES Cancer Economics Special Interest Group will share their findings from high-quality population and patient-level data using clinical trials and large linked datasets. Drs Roseleur and Lindsay will present findings from economic evaluations of lung cancer screening and a treatment decision aid in prostate cancer, highlighting the importance of early intervention for preventing very high treatment costs and sequelae in their absence. Drs Yang and Merollini present cost-analyses of colorectal cancer and palliative care using large administrative linked datasets combining Medicare, cancer registry and routine hospitalisation data. Collectively, this cancer economics research is designed to inform policy makers of the economic burden incurred by Australians with cancer, helping to plan services and allocate resources. They also assess cost-effectiveness of interventions adding vital knowledge on the potential health system savings when making investments into cancer prevention.

Social values and equity weighting in healthcare priority setting

Parallel Session 4D, Friday 22nd September, 9:00-10:20

Countries around the world face the question of how best to set priorities in the allocation of scarce health resources. Traditionally, economic evaluation has been adopted as the preferred approach to guide policy making in such decisions, with the quality-adjusted life year (QALY) being the most-commonly adopted measure of the value of a health care treatment. However, evidence from studies involving members of the public in various countries, from studies of past health technology assessment (HTA) decisions and from HTA guidelines that QALY gain may not be the sole determinant of value.

A key question is therefore what additional factors the general public (whose taxes contribute to funding health care) and their agents the decision makers find important in resource allocation decisions. A second question is what distributional weights these factors should receive in priority

setting. A third question is which methods should be used to elicit such social values and associated weights.

The papers in this session contribute to answering these questions with new evidence from Australia and China. The first paper (presented by Udeni De Silva Perera) reports a Person Trade Off (PTO) study in Australia that estimates the equity weight for child and young person health gains relative to adult health gains for different types of gain. The second paper (presented by Jinhua Li) compares the Discrete Choice Experiment (DCE) and PTO methods in eliciting social values for age and severity weighting in Australia. The third paper (presented by Mona Aghdaee) uses mixed methods including the DCE to assess public preferences for priority setting within the Value Based Health Care framework in NSW Australia. The final paper (presented by Yuanyuan Gu) adopts a novel sequential DCE approach to assess Chinese decision makers' preferences for rare disease treatments under various scenarios and estimate the societal willingness to pay for such treatments.

How should we be measuring quality of life in children with different health conditions and their caregivers?

Parallel Session 4E, Friday 22nd September, 9:00-10:20

Measuring health-related quality of life (HRQoL) in children with health conditions and their caregivers is challenging and further evidence is required. The HRQoL domains relevant to children or their caregivers might differ by child health condition, and it is unknown if current generic instruments are able to appropriately measure HRQoL across different child health conditions. Current evidence is often restricted to an individual instrument or health condition, precluding comparison of multiple instruments across a health condition within a single sample. Young children and children with certain health conditions are often unable to self-report their HRQoL due to the level of reading competency required. Pictorials may provide an opportunity to overcome this barrier; however, current evidence on the use of pictures is limited.

The QUOKKA research program is the largest of its kind, internationally, providing the best evidence to date regarding these key considerations. This organised session provides a summary of recent findings including: the comparative acceptability, validity, reliability and responsiveness of generic paediatric HRQoL instruments in children with autism spectrum disorder, asthma, eating disorders, epilepsy, recurrent abdominal pain, sleep problems, and tooth problems (Jones et al.); and in the most common mental health conditions affecting children and adolescents, ADHD or anxiety and/or depression (O'Loughlin et al.); a comprehensive list of PROMs that use pictures to assess children's HRQoL, with implications for obtaining self-report in young children (Mpundu-Kaambwa et al.); and the psychometric performance of a parent HRQoL instrument (EQ-HWB-S) in parents of children with a range of chronic health conditions (Bailey et al). Overall discussion considers the implications and considerations required for future instrument users to ensure decision-making in child and adolescent healthcare is based on the highest quality evidence available.

Economic evidence for understanding and preventing suicidal ideation and self-harm

Parallel Session 5B, Friday 22nd September, 10:40-12:00

Suicidal behaviour results from complex interactions between a range of risk and protective factors encompassing the entire life span. Around 3,000 Australians die by suicide each year, and global annual suicide deaths number over 700,000 [1]. Suicide is the main cause of death among people aged 15-49 years in Australia, exceeding annual traffic accident deaths [2]. The economic cost of suicide and suicide attempts is estimated to be \$30 billion each year in Australia [3].

Given the magnitude of the economic and wellbeing burden of suicide, it is imperative to generate a strong economic evidence base on factors impacting suicidal ideation and behaviours, the effectiveness of interventions, and the preferences of people with suicide ideation for support services. This will enable the design of more effective interventions to prevent suicide and aid the efficient and targeted allocation of health care resources to promote mental health and wellbeing.

The papers in this session contribute economic evidence for understanding and preventing suicidal ideation and self-harm. The first paper (presented by Elcin Tuzel) will present causal research on the impacts of child abuse on suicidal ideation using panel survey data from South Korea. The second paper (presented by Lachlan Cameron) analyses the association between greater gambling accessibility and the geographic prevalence of suicide in Australia. The third paper (presented by Anam Bilgrami) will present Australian men's preferences for suicide prevention services using a discrete choice experiment. The final paper in this session (presented by Olukorede Abiona) will cover findings from an economic evaluation of the Australian Lifespan intervention, a systems approach to suicide prevention.

References:

1. World Health Organization. Suicide, 2021.
2. Department of Health and Aged Care. Suicide in Australia, 2021.
3. Productivity Commission. Productivity Commission Inquiry Report. Mental Health Volume 2020;1.

Enhancing Measurement and Valuation of Health-Related Quality of Life in Children and Young People: Challenges and Knowledge Gains

Parallel Session 5E, Friday 22nd September, 10:40-12:00

There are many challenges surrounding methods for measuring health-related quality of life (HRQOL) and valuing health on a utility scale in and for children and young people (CYP), particularly for CYP with specific health conditions. Relevant knowledge gains can help in understanding these challenges and improve the measurement and valuation of HRQOL in this younger population. There are multiple considerations from the psychometric performance of HRQOL instruments designed specifically for CYP, whether the value of health gains for CYP are perceived to be different to adult health gains (i.e. is there a social value placed on CYP), and the

potential for spill-over effects when considering the benefits of treatment for CYP. This organised session will present work that has achieved knowledge gains in these areas.

Raghunandan et al assessed the psychometric properties of the Paediatric Quality of Life Inventory™ v4.0 Generic Core Scales (PedsQL GCS), which is one of the most widely used generic instruments for measurement of HRQOL in the general CYP population. This work provides evidence of psychometric performance of the PedsQL GCS in CYP with a range of common health conditions. Peasgood et al synthesised knowledge on the social value for health gains for CYP compared to adults. Sellars et al explored how the young and adult public viewed and valued CYP's health gains compared to adult gains in health technology assessment (HTA) processes. Both studies are important in helping decision-makers interpret HRQOL in CYP cohorts relative to adult cohorts. Huynh et al used a discrete choice experiment to elicit preferences and relative weights assigned by adults in the general population to QALY gains generated from treatment for CYP and adults. This work also explored social preferences for potential spill-over benefits for education participation and carers' wellbeing.

Smoking, quitting, and vaping – new insights from health economics

Parallel Session 6B, Friday 22nd September, 12:15-1:15

Tobacco smoking remains the single biggest preventable cause of disease and death in Australia. The burden is heaviest among low socio-economic groups. Tobacco use contributes to poverty by diverting household spending from basic essential needs to tobacco in addition to high healthcare costs for treating diseases caused by tobacco. The estimated annual social cost of smoking in Australia is \$137 bn, and kills 20,000 people each year, equivalent to 54 preventable deaths every day.

Australia is a signatory to the WHO's Framework Convention for Tobacco Control which includes several measures to tackle tobacco use. One of these is providing opportunities and services to assist people with smoking cessation. The nicotine in tobacco products is highly addictive. Without cessation support in the form of professional advice and pharmacotherapies, only 4% of users who attempt to quit are successful, half those when support is given. E-cigarettes or vaping devices include a range of battery-powered or rechargeable devices that aerosolise a liquid for inhalation. They have been enthusiastically marketed via social media as reduced harm products to help people quit cigarette smoking. However, uptake of nicotine e-cigarettes is highest among youth never-smokers and evidence shows it increases their later uptake of cigarette smoking.

This session focuses on smoking cessation health economics research. A/Prof McCaffrey will present an economic evaluation of smoking cessation for surgical patients with cancer. Dr Lal will show findings from a costing analysis exploring mental illness and smoking on household expenditure and Prof Gordon will outline findings of a systematic review of policy modelling of e-cigarette regulations and the duality of uptake of e-cigarettes in never-smoking youth versus smoking cessation in established smokers. This research illustrates new contributions to this critical public health issue where 10.7% of Australians are still smoking tobacco.

Assessing Medicare Programs: Evidence, Impacts and Policy Perspectives

Parallel Session 6C, Friday 22nd September, 12:15-1:15

Medicare is Australia's universal health insurance scheme, which covers free, high-quality public hospital services and subsidizes doctor visits and medications. This session covers topics on some of most notable programs available under Medicare: Pharmaceutical Benefits Scheme (PBS), Safety Net program, the Indigenous Practice Incentives Program (IPIP) to improve healthcare access for Indigenous populations, and mental health treatment plans. PBS subsidizes the cost of a wide range of prescription medications, making them more affordable for Australians. In addition, the Medicare Safety Net provides additional financial support for families who spend over a certain threshold in a calendar year. Professor Zhang will discuss recent work on the effects of PBS Safety Net on medication use. Dr. Saxby will discuss whether the IPIP closes the gap in access to healthcare and life expectancy among Indigenous peoples. The Better Access to Psychiatrists, Psychologists and General Practitioners through the Medicare Benefits Schedule initiative (Better Access) was introduced in 2006 to encourage more people to seek support for their mental ill-health. Dr. Trinh will discuss its effects on access to mental health treatment and medical workforce. All three papers use recently-available national data from the Multi-Agency Data Integration Project.

Collectively, this session is designed to foster collaboration between researchers and policy makers.

Alcohol harms in Australia: modelling the avoidable burden and cost-effectiveness of policy interventions

Parallel Session 6D, Friday 22nd September, 12:15-1:15

This organized session will examine the health and economic benefits, impacts, and cost-effectiveness of interventions for the reduction of alcohol consumption in Australia. We will explain the health economic modeling methods, assess the alcohol avoidable burden in Australia, and assess the potential impact and cost-effectiveness of two interventions. This work has been commissioned by the Australian Government and Non-Government Organisations including the Australian Prevention Partnership Centre (TAPCC) and the Western Australia Mental Health Commission. The session will cover the following themes:

- 1) Avoidable health and economic burden related to alcohol consumption in Australia
- 2) Economic evaluation of a uniform volumetric tax on alcohol in Australia
- 3) Economic evaluation of a policy to restrict density of licensed premises
- 4) Each presentation will end with an assessment of the strengths and limitations of the methods and data, followed by a question-and-answer session. The discussant will facilitate a discussion with participants to initiate and encourage peer review from the audience.

Australian Institute of Health and Welfare (AIHW)

Parallel Session 7B, Friday 22nd September, 2:30-3:30

In this session, the AIHW's Health Economics, will present on the following reporting and analysis:

- Key finding from the Health expenditure Australia reporting including time series analysis of spending by area (e.g.. Hospitals, primary care, public health) and by funding source (e.g. federal government, states and territories and individuals).
- Disease expenditure analysis by the burden of disease categories and broken down by age, sex, and by jurisdiction. The analysis includes allocation of expenditure for COVID-19 over the last three years.
- GP attendance rates and OOP costs: this analysis looks the potential drivers of the recent changes in the GP attendance rate by local government area, in particular looking at the impact of OOP costs.
- Emergency care (ED) versus GP costs for low urgency care: it is often assumed that a trip the ED is more costly, this analysis however shows that this can vary depending on the presentation type.
- Emerging analysis on potentially preventable hospitalisations.

Special Interest Groups (SIGs)

Friday 22nd September, 1:15 pm – 2:30 pm

Cancer Economics | **Room:** *Riverbank Room 5*

Health Preference Research | **Room:** Riverbank Room 6

Health Equity | **Room:** Riverbank Room 7

Economics of mental health | **Room:** Riverbank Room 8

Financing, funding and organisation of health care in Australia | **Room:** L1

Aged care, ageing and dementia | [Pre-conference meeting](#) on 20th Sept.

Other useful information

Weather

Adelaide's weather can still be variable at this time of year so be sure to pack something warm. Average daytime temperatures are around 18 °C with cooler nights around 10 °C.

Be sure to check the weather forecast before packing: [Adelaide Forecast \(bom.gov.au\)](https://www.bom.gov.au/adelaide/forecast/)

Tourism and recommendations for fun things to do while in Adelaide

The best way to work out how to maximise your time in Adelaide is to explore these websites:

<https://www.experienceadelaide.com.au/>

<https://southaustralia.com/destinations/adelaide>

Don't forget the lovely surrounding areas of McLaren Vale and the Adelaide Hills – the Hahndorf Festival is on during September.

<https://mclarenvale.info/>

<https://www.visitadelaidehills.com.au/>