

From: [Statistical Society of Australia](#)
To: [Marie-Louise Rankin](#)
Subject: Stats Matters & Events
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STATS MATTERS & EVENTS

1 September 2022

Dear Marie-Louise,

If you are thinking of buying a new car, I'm sure you are considering hybrid, if not electric options.

Worldwide, governments are creating incentives, if not mandates, hoping to influence your decision. In Australia, the ACT will become the first state or territory to put an end to the sale of new petrol and diesel car sales by 2035.

Just this week, [Statista](#) published figures of the sale and use of electric cars globally. According to the information published, Tesla is still the world's leading electric car manufacturer. Interestingly though, six of the ten bestselling electric and plug-in hybrid cars worldwide are made in China. It is expected that by 2027 China will command about 44 percent of the electric car market, potentially helping to bring prices down and make electric cars more attainable for the wider population.

Are you ready to throw yourself into the electric car market? Statista's research showed that consumers in countries like Switzerland and Great Britain currently lead the way in Europe, while drivers in South Korea and India do the same in Asia. Apparently, the size of a country plays a role in the decision making. Only 22% of consumers surveyed in the US said they would consider

buying an electric car at this stage.

Are you curious to see how far an electric car might get you in Australia? According to [CarsGuide](#) there are to date 1580 regular AC charging stations and 291 fast charging stations in Australia. China, on the other hand, has 1,419 million public charging stations across the country.

Tesla currently operates almost 40 DC Superchargers in Australia, but if you don't have a Tesla, these will not charge your car. If you are car-clueless like me, you may have thought that any old socket will do to charge your car. And yes, generally you can plug your car into a normal AC socket, and if you have plenty of time that's fine. For a speedier top-up you need a commercial fast charger or super charger. Depending on the quality of these chargers, a top up will add about 150km driving range to your vehicle with a charging time of anything between 15 and 15-60 minutes.

If you were planning to hit the car yards this weekend for some Spring shopping, have fun. You know you won't have to worry about impending buyer's remorse. You are helping to combat climate change!

Enjoy!

[Marie-Louise Rankin](#)

Executive Officer

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In this newsletter:

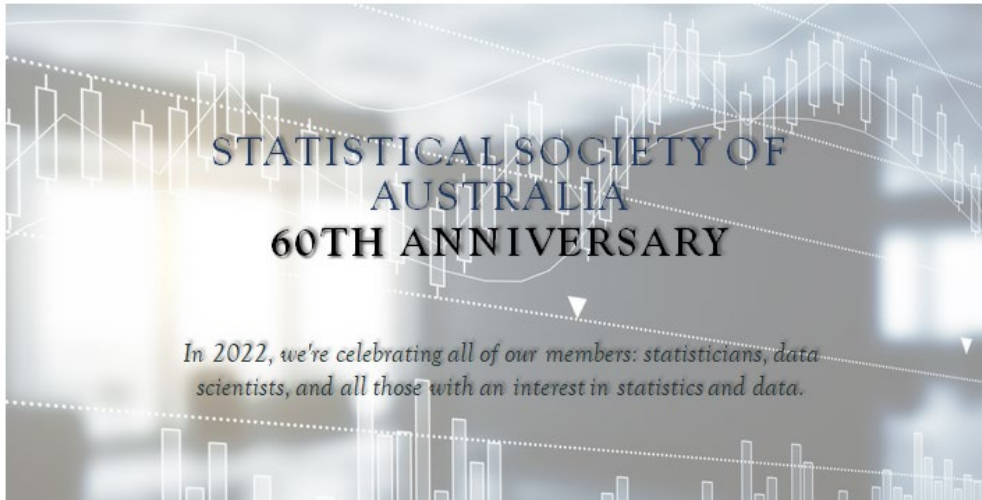
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David Spiegelhalter to give the joint ASC/OZCOTS keynote at ASC23

The Scientific Program Committee of the 2023 Australian Statistical Conference (ASC) and Australian Conference on Teaching Statistics (OZCOTS) is thrilled to announce that [Professor Sir David Spiegelhalter](#) FRS OBE will give the joint keynote.

Professor Spiegelhalter is Chair of the Winton Centre for Risk and Evidence Communication in the Centre for Mathematical Sciences at the University of Cambridge, which aims to improve the way that statistical evidence is used by health professionals, patients, lawyers and judges, media and policy-makers. He has been very busy over the COVID-19 crisis. He presented the BBC4 documentaries "*Tails you Win: the Science of Chance*", the award-winning "*Climate Change by Numbers*". His bestselling book, *The Art of Statistics*, was published in March 2019, and *Covid by Numbers* came out in September 2021. His career highlights include appearing on *Desert Island Discs* in 2022, and in 2011 coming 7th in an episode of BBC1's *Winter Wipeout*.

He was knighted in 2014 for services to medical statistics, was President of the Royal Statistical Society (2017-2018), and became a Non-Executive Director of

the UK Statistics Authority in 2020.

Margins of Error - Podcast

Every stat has a story and CNN's Harry Enten is on a mission to find out what the numbers have to say about who we are and what we believe.

Look closely at almost anything and you'll find data—lots of it. But when you push past the calculations, what are all those numbers really saying about who we are and what we believe? CNN's Harry Enten is on a mission to find out. This season *on Margins of Error*, Harry teases out big ideas like what accents say about where we live, how much money it takes to be happy, and whether the U.S. should finally switch to the metric system.

[Find the podcast here](#)

Australian Public Service Data Professional Stream Video Library

The Australian Public Service Data Professional Stream links data professionals from across the Australian Public Service together. The Data Professional Stream video library, available [here](#), may be of interest to SSA members. Along with conversations with a range of interesting people, including the CEO of Kaggle, Alan Kohler, and Professor Lisa Harvey-Smith, recordings of Technical Forums are also available. Keep an eye out as more videos are added!

[Check out the latest videos here](#)

SSA Events

SSA Venables Award Winners 2022 seminar

8 Sep 2022, 12:00 PM – 1:00 PM (AEST), held online

The Statistical Computing & Visualisation branch presents: SSA Venables Award Winners 2022 seminar: Software presentations from the three winners of the inaugural SSA Venables Award; Matt Cowgill, Martin Westgate, and Lydia Lucchesi, Sam Nelson and Petra Kuhnert.

[To register click here](#)

SSA WA: Geostatistics for Regionalised Compositions with A/Prof. Ute Mueller

13 Sep 2022, 6:00 PM – 7:00 PM (AWST), Cheryl Praeger Lecture Room, The University of Western Australia

In this talk she will provide an overview of the geostatistical treatment of compositional data. Compositional data are vectorial data with positive components that add up to an arbitrary, but fixed constant c .

[For more information and to register for the online option please click here.](#)

SSA & NZSA ECSSNs Joint Event: The Academia-Industry War: Surviving the conflict between two opposing ideals as a graduate student 15 Sep 2022, 1:00 PM (AEST), held online

Our Early Career and Student Statisticians Network from Australia and New Zealand proudly present Dr Timothy Bilton to be our first speaker of our first ever joint seminar series.

The world of industry-based research and academia typically use the same tools and methods but are often poles apart in terms of research priorities and practical application of methods. This often leads to a lot of conflict between the two fields and in some cases the inability to collaborate. In this talk, he will discuss his first-hand experience of undertaking a PhD while simultaneously having one foot in academic and the other in industry.

[To register please click here.](#)

SSA Vic Early Career Panel- 20 Sep 2022

6:00 PM – 8:00 PM (AEDT), Servian, Level 20, Tower 5, 727 Collins Street, Docklands OR Online via Zoom

Join us at this event to hear different perspectives of what a career in statistics looks like. We'll have a handful of Early and Mid career statisticians, working across academia, industry and government, talking about their experiences. The speakers have been invited to share their journey, what they've learned,

what they've enjoyed, and what mistakes they've made along the way.

[Click here to register.](#)

SSA NSW Branch: Early Career and Student Statisticians Career Event 2022

29 September 2022, from 6pm AEST

The New South Wales branch of the Statistical Society of Australia warmly invites all undergraduate, postgraduate and early career statisticians and data scientists to attend our annual event for Early Career and Student Statisticians. The event will take place at the Courtyard Cafe of the University of Sydney

We have spectacular speakers from several industry sectors and academic backgrounds. They will share stories from their careers and provide insights into their professions. For example, have you wondered what you can do after doing a statistics degree, or what other statistics professions are like? Then this event is for you!

[Find out more and register here](#)

DIY R Package Workshop

12 Oct 2022, 10:00 AM – 4:00 PM (AEDT), held online

The NSW branch is pleased to offer a DIY R Package workshop.

Do you have a few custom functions on heavy rotation? Perhaps you have a piece of code that you regularly share with colleagues? Maybe you've developed a new statistical model and want to share it with the world? Why not put it all in an R package?! This interactive workshop will equip you with the basic skills to create an R package of your own! We will walk through the package building process and apply the same workflow to your own function. We will learn about testing and continuous integration and implement them using Github Actions.

[For more information and to register click here](#)

Time series analysis and forecasting using R

9 Nov 2022, 9:00 AM (AEDT) – 10 Nov 2022, 5:00 PM (AEDT)

Room 5.02, Marie Reay Teaching Building, The Australian National University

The SSA Canberra Branch warmly invites you to an in-person workshop on **Time series analysis and forecasting using R**. It is becoming increasingly common for organizations to collect huge amounts of data over time, and existing time series analysis tools are not always suitable to handle the scale, frequency and structure of the data collected. In this workshop, we will look at some packages and methods that have been developed to handle the analysis of large collections of time series.

[For more information and to register click here.](#)

Save the Date! ECSS-Mini-Conference, 15-17 November 2022!

We are pleased to be holding a national “miniconference” jointly hosted by the Early Career and Student Statistician Networks (ECSSNs) of the SSA, the New Zealand Statistical Association (NZSA) and the WA Branch. This event is a “hybrid” event in that it includes two days of online-only presentations followed by one day of in-person presentations in WA. The latter shall also be streamed online.

[Find out more](#)

Save the date: ASC and OZCOTS 2023

10-15 December 2023, University of Wollongong, NSW

[Find out more](#)

Other events

A step toward the future – supporting the 2021 Census with integrated administrative data

6 Sep 2022, 6:00 PM – 7:00 PM (AEST)

Library at the Dock, 107 Victoria Harbour Promenade, Docklands VIC 3008
OR via Zoom

As the results of the 2021 Australian Census are being released, join us and hear from Dr Louise Wangerek about some of the technical challenges faced in creating high-quality Census data. Those attending in person will have an opportunity to chat over dinner after the event concludes.

[Find out more and register here](#)

Workshop on Statistical Deep Learning

24-25 October 2022, Sydney Business School Level 10, 1 Macquarie Place, Sydney

There are still some spots left at the Workshop on Statistical Deep Learning, which aims to bring together researchers in the region that are interested in topics at the interface of deep learning and statistics. The workshop will be based around a set of talks, and there will be time for discussion and networking between the talks. It is not required to give a talk to attend. The workshop, which is an in-person event, is 1.5 days long, and will finish at noon on the 25th October. Space is limited and registration is required.

[Find out more](#)

If you have news from the Australian statistical community to share in Stats Matters and Events, please get in touch [with us](#)! We love getting feedback too.

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