Rob J Hyndman

Curriculum Vitae
November 2020

Department of Econometrics & Business Statistics,
Monash University, VIC 3800, Australia.
robjhyndman.com
+61 3 9905 5141
Rob.Hyndman@monash.edu
@robjhyndman
robjhyndman

```
## 
##  Writing addb
##  Writing anomalous
##  Writing bfast
##  Writing binb
##  Writing compenginets
##  Writing cricketdata
##  Writing demography
##  Writing DescTools
##  Writing eechidna
##  Writing emma
##  Writing expsmooth
##  Writing fable
##  Writing fabletools
##  Writing fasster
##  Writing fds
##  Writing feasts
##  Writing fma
##  Writing forecast
##  Writing fpp
##  Writing fpp2
##  Writing fpp3
##  Writing fracdiff
##  Writing ftsa
##  Writing gratis
##  Writing gravitas
##  Writing hdrcde
##  Writing hts
##  Writing Mcomp
##  Writing MEFM
##  Writing MonashEBSTemplates
##  Writing nortsTest
##  Writing oddstream
##  Writing oddwater
##  Writing ozbabynames
##  Writing rainbow
##  Writing rcademy
##  Writing rmarkdown
##  Writing robets
##  Writing seer
##  Writing smoothAPC
##  Writing stR
##  Writing stray
##  Writing sugrrants
##  Writing thief
##  Writing tscompdata
##  Writing tsdl
##  Writing tsfeatures
##  Writing tsibble
##  Writing tsibbledata
##  Writing vitae
```

Education and qualifications

1988	B.Sc.(Hons)	University of Melbourne
1992	Ph.D.	University of Melbourne
2000	A.Stat.	Statistical Society of Australia

Employment history

2016	**KNAW Visiting Professor**, TU/Eindhoven, Netherlands
2003–	**Professor**, Department of Econometrics & Business Statistics, Monash University
2002	**Visiting Senior Research Fellow**, Mathematical Sciences Institute, Australian National University
2001–2003	**Associate Professor**, Department of Econometrics & Business Statistics, Monash University
1998	**Visiting Professor**, Department of Statistics, Colorado State University
1998–2000	**Senior Lecturer**, Department of Econometrics & Business Statistics, Monash University
1997–1998	**Senior Lecturer**, Department of Mathematics and Statistics, Monash University
1995–1996	**Lecturer**, Department of Mathematics and Statistics, Monash University
1993–1994	**Lecturer**, Department of Statistics, University of Melbourne
1985–1992	**Statistical consultant**, Department of Statistics, University of Melbourne

Academic and research leadership

➤ **Head**, Department of Econometrics & Business Statistics, Monash University. 2019–
➤ **Director**, Business & Economic Forecasting Unit, Department of Econometrics & Business Statistics, Monash University. 2001–2017.
➤ **Director of Consulting**, Econometrics and Business Statistics, Monash University. 2000—2014.
➤ **Director**, Monash University Statistical Consulting Service, 1997–1998.
➤ **Director**, Key Centre for Statistical Science (joint venture between Monash, Melbourne, La Trobe and RMIT universities), 1996–1998.

Editorial boards

2011–	**Editor**, *Journal of Statistical Software*
2019–	**Associate Editor**, *International Journal of Forecasting*
2005–2018	**Editor-in-Chief**, *International Journal of Forecasting*
2001–2004	**Associate Editor**, *International Journal of Forecasting*
2001–2004	**Theory and Methods Editor**, *Australian & New Zealand Journal of Statistics*

Professional societies

➤ Member, Pearson Prize Committee, International Statistical Institute, 2017.
➤ Director, International Institute of Forecasters, 2005–2018.
➤ Member, Scientific Program Advisory Group, Statistical Society of Australia, 2001–2004
➤ Secretary, Victorian branch, Statistical Society of Australia, 1993–1995.
➤ Central Council member, Statistical Society of Australia, 1993–1996.

Current memberships

➤ Elected Member, International Statistical Institute
➤ Member, International Institute of Forecasters
➤ Member, International Association for Statistical Computing
➤ Member, Statistical Society of Australia
➤ Member, International Society for Business and Industrial Statistics

Awards and honours

2018	Commendation for the Dean's Award for research impact
2010	Dean's Award for excellence in innovation and external collaboration, Monash University
2008	Dean's award for excellence in research, Monash University
2008	Vice-Chancellor's award for postgraduate supervisor of the year, Monash University
2007	Moran Medal for Statistical Science, Australian Academy of Science
1998	Award for excellence in teaching, Monash Science Society
1990	Finalist, Channel Ten Young Achiever Awards
1988	Dwights Prize in Statistics, University of Melbourne
1987	Norma McArthur Prize in Statistics, University of Melbourne
1986	Second Maurice H. Belz Prize in Statistics, University of Melbourne

Research

- ➤ Since 1991 I have authored 211 papers, chapters or books on statistical topics (listed on pages 6–14).
- ➤ My current research involves the analysis of large collections of time series, and includes visualization, forecasting, reconciliation, modelling and anomaly detection..
- ➤ I currently supervise five PhD students and two post-doctoral research fellow. I have previously supervised another 27 PhD students and 3 Masters students.
- ➤ I publish the *Hyndsight* blog on research issues which receives an average of about 2000 pageviews per day.
- ➤ I have coauthored 50 R packages as a result of my research (listed on pages 23–25). There have been over 41 million downloads of my packages since 2015 (to 6 November 2020).

Public lectures

- ➤ Belz lecture, *Forecasting and the importance of being uncertain*, Statistical Society of Australia, Melbourne, October 2006.
- ➤ Knibbs lecture, *Population forecasting and the importance of being uncertain*, Statistical Society of Australia, Canberra, November 2007.
- ➤ Invited speaker, *Forecasting functional time series*, Australian Frontiers of Science, Canberra, February 2008.
- ➤ Yahoo Big Thinkers lecture, *Exploring the boundaries of predictability: what can we forecast, and when should we give up?*, California, June 2015.
- ➤ Monash master class, *Forecasting the future of the power industry: What can you learn from smart meter data?*, Melbourne, September 2018.

Major conference presentations

- ➤ Keynote speaker, *Extreme Forecasting*, International Symposium on Forecasting, Hong Kong, June 2009.
- ➤ Workshop leader, *Statistical Forecasting: Principles and Practice*, Swiss Statistical Society, Kandersteg, June 2011.
- ➤ Invited speaker, *Advances in automatic time series forecasting*, Australian Statistics Conference, Adelaide, July 2012.
- ➤ Keynote speaker, *Man vs Wild Data*, Young Statisticians Conference, Melbourne, February 2013.
- ➤ Keynote speaker, *Forecasting without forecasters*, International Symposium on Forecasting, Seoul, June 2013.
- ➤ Keynote speaker, *Automatic time series forecasting*, "New Trends on Intelligent Systems and Soft Computing 2014," University of Granada, Spain, February 2014.
- ➤ Workshop leader, *State space models for time series*, Australian Bureau of Statistics, May 2014.
- ➤ Keynote speaker, *Challenges in forecasting peak electricity demand*, Energy Forum, Valais, Switzerland, June 2014.
- ➤ Workshop leader, *Functional time series in demography*, Humboldt University, Berlin, June 2014.
- ➤ Workshop leader, *Forecasting: principles and practice*, University of Western Australia, September 2014.
- ➤ Invited speaker, *Visualization and forecasting of big time series data*, ACEMS Big data workshop, QUT, February 2015.
- ➤ Keynote speaker, *Forecasting big time series data using R*, Chinese R conference, Nanchang, October 2015.
- ➤ Keynote speaker, *Forecasting large collections of related time series*, German Statistical Week, Augsburg, September 2016.
- ➤ Invited speaker, International Symposium on Energy Analytics, Cairns, June 2017.
- ➤ Keynote speaker, ICML Time Series Workshop, Sydney, August 2017.
- ➤ Keynote speaker, Beijing Workshop on Forecasting, November 2017.
- ➤ Workshop leader, *Forecasting: principles and practice*, New York City, June 2018.
- ➤ ISI short course, *High-dimensional time series analysis*, Kuala Lumpur, August 2019.
- ➤ Workshop leader, *Tidy time series and forecasting in R*, rstudio::conf, San Francisco, January 2020.
- ➤ Keynote speaker, International Symposium on Forecasting, Rio de Janeiro, July 2020.

Grants

I have acquired (in most cases jointly) about $31.1 million in external research grants since 2000. External research grants over $50,000 are listed below.

2002	Hyndman. "Evaluation of PBS forward estimates methodology". *Funding from Commonwealth Department of Health and Ageing*	$55,341
2004–2006	Martin, Snyder, Hyndman. "New approaches to the analysis of count time series". *Funding from ARC Discovery Grant*	$172,317
2004–2008	Hyndman. "Analysis of NPS interventions". *Funding from National Prescribing Service*	$120,000
2006–2010	Hyndman, Athanasopoulos. "Tourism forecasting". *Funding from Tourism Australia*	$312,017
2007	Hyndman. "Peak energy demand forecasting for South Australia". *Funding from Electricity Supply Industry Planning Council*	$78,045
2008–2010	Hyndman. "The price elasticity of electricity demand in South Australia and Victoria". *Funding from Victorian Energy Corporation*	$450,000
2009–2011	Erbas, Abramson, Tang, Allen, Newbigin, Dharmage, Hyndman. "The impact of outdoor aeroallergen exposure on asthma exacerbations in children and adolescents". *Funding from National Health and Medical Research Council*	$454,550
2011–2013	Hyndman, Fan. "Development of electricity peak demand and energy forecasts for the SWIS". *Funding from Independent Market Operator (Western Australia)*	$93,450
2011–2015	Hyndman. "Energy demand forecasting". *Funding from Australian Energy Market Operator*	$864,200
2013–2016	Smith-Miles, Hyndman, Villanova, Kah. "Optimising experimental design for robust product development: a cast study for high-efficiency energy generation". *Funding from ARC Linkage Grant*	$362,389
2014–2017	Panagiotelis, Athanasopoulos, Hyndman, Vahid. "Macroeconomic forecasting in a "Big Data" world". *Funding from ARC Discovery Grant*	$451,034
2017–2018	Hyndman, Ben Taieb, Bergmeir. "Demand forecasting for large-scale dynamic hierarchies in a big data environment". *Funding from Huawei Innovation Research Program*	$86,586
2017–2019	Smith-Miles, Hyndman, Munoz Acosta, Katsifolis. "Intruder Alert! Detecting and classifying events in noisy time series". *Funding from ARC Linkage Grant*	$204,000
2017–2019	Hyndman, Cook. "RiskLab Projects: Econometrics". *Funding from RiskLab at Data61*	$151,200
2017–2021	Bean, Burrage, de Gier, Delaigle, Forrester, Garoni, Hyndman, Kohn, Kroese, Mengersen, Pettit, Pollet, Roughan, Ryan, Sisson, Smith-Miles, Taylor, Turner, Wand, Wang. "ARC Centre of Excellence for Mathematical and Statistical Frontiers". *Funding from Australian Research Council*	$20,000,000
2019	Hyndman, Bergmeir. "DeepForecast: Leveraging forecasts on large scales of related time series". *Funding from Facebook*	$70,000
2019–2020	Bergmeir, Vahid, Hyndman. "Application of advanced short term power generation forecasting technology for wind and solar farms". *Funding from Advisian*	$499,753
2019–2022	Mengersen, Hyndman, Petersen, McGree, Turner, Maxwell, Liquet, Jones. "Revolutionising water-quality monitoring in the information age". *Funding from ARC Linkage Grant*	$729,855
2020–2022	Martin, Frazier, Hyndman, Maneesoonthorn. "Loss-based Bayesian prediction". *Funding from ARC Discovery Grant*	$393,000
2020–2024	Smith-Miles, Stuckey, Taylor, Ernst, Aickelin, Garcia de la Banda, Pearce, Wallace, Bondell, Hyndman, Alpcan, Thomas, Anjomshoa, Kirley, Tack, Costa, Fackrell, Zhang, Glazebrook, Branke, O'Sullivan, O'Shea, Cheah, Meehan, Wetenhall, Bowly, Bridge, Faka, Mareels, Coleman, Crook. "Optimisation Technologies, Integrated Methodologies, and Applications (OPTIMA)". *Funding from ARC Industrial Transformation Training Centre*	$4,861,236

Teaching

➤ In each of 2018, 2019 and 2020, student evaluations for "Applied forecasting for business and economics" gave an average rating for my teaching above 4.8 out of 5, while all students in 2018 rated "Advanced statistical modelling" at 5 out of 5. (I did not teach the latter subject in 2019 and 2020.)

➤ In 1998, I received the award for "Excellence in teaching" by the Monash Science Society. This is awarded by the students of the Science faculty.

➤ I am author of an innovative textbook with George Athanasopoulos entitled *Forecasting: principles and practice* (`OTexts.org/fpp2/`) which is available online and free of charge. The website has an average of over 20000 pageviews per day.

Consulting

➤ Since 1986, I have worked with several hundred different clients in Australia, the United States, Saudi Arabia, Israel, India, Russia, Switzerland, and the Netherlands. I have produced 252 written consulting reports (listed on pages 14–23).

➤ Six times I have provided expert witness in litigation cases.

Advisory boards

➤ Member of the Scaling committee, Victorian Tertiary Admissions Centre (1994–). This committee is responsible for producing the ATAR for VCE students.

➤ Member of the ATAR Technical Group for the Australasian Conference of Tertiary Admissions Centres (2003–).

➤ Member of the Indigenous Statistical and Information Advisory Group for the Australian Institute of Health and Welfare (2017–).

➤ Member of the Methodology Advisory Committee for the Australian Bureau of Statistics (2010–2018).

Conference organization

➤ General Chair, International Symposium on Forecasting, 2017

➤ Program Chair, International Symposium on Forecasting, 2012.

➤ Program Co-Chair, International Symposium on Forecasting, 2004.

Publications

PhD thesis

1. Hyndman, RJ. (1992). *Continuous-time threshold autoregressive modelling* [PhD thesis]. The University of Melbourne.

Books

1. Brockwell, PJ, Davis, RA, & Hyndman, RJ. (1991). *ITSM: An interactive time series modelling package for the PC*. Springer-Verlag.
2. Brockwell, PJ, Davis, RA, & Hyndman, RJ. (1994). *ITSM for windows: A users guide to time series modelling and forecasting*. Springer-Verlag.
3. Makridakis, SG, Wheelwright, SC, & Hyndman, RJ. (1998). *Forecasting: Methods and applications* (3rd ed). John Wiley & Sons. robjhyndman.com/forecasting/
4. Hyndman, RJ, Koehler, AB, Ord, JK, & Snyder, RD. (2008). *Forecasting with exponential smoothing: The state space approach*. Springer-Verlag. robjhyndman.com/expsmooth
5. Hyndman, RJ. (2015). *Unbelievable*. CreateSpace. robjhyndman.com/unbelievable
6. Hyndman, RJ, & Athanasopoulos, G. (2018). *Forecasting: Principles and practice* (2nd ed). OTexts. OTexts.org/fpp2

Refereed research papers

1. Brockwell, PJ, Hyndman, RJ, & Grunwald, GK. (1991). Continuous time threshold autoregressive models. *Statistica Sinica*, *1*, 401–410.
2. Brockwell, PJ, & Hyndman, RJ. (1992). On continuous-time threshold autoregression. *International Journal of Forecasting*, *8*(2), 157–173.
3. Hyndman, RJ. (1993). Yule-Walker estimates for continuous-time autoregressive models. *Journal of Time Series Analysis*, *14*(3), 281–296.
4. Hyndman, RJ. (1994). Approximations and boundary conditions for continuous-time threshold autoregressive processes. *Journal of Applied Probability*, *31*(4), 1103–1109.
5. Hyndman, RJ. (1995). Highest-density forecast regions for nonlinear and non-normal time series models. *Journal of Forecasting*, *14*(5), 431–441.
6. Hyndman, RJ. (1996). Computing and graphing highest density regions. *The American Statistician*, *50*(2), 120–126.
7. Hyndman, RJ, Bashtannyk, DM, & Grunwald, GK. (1996). Estimating and visualizing conditional densities. *J Computational & Graphical Statistics*, *5*(4), 315–336.
8. Hyndman, RJ, & Fan, Y. (1996). Sample quantiles in statistical packages. *The American Statistician*, *50*(4), 361–365.
9. Grunwald, GK, Hamza, K, & Hyndman, RJ. (1997). Some properties and generalizations of non-negative Bayesian time series models. *Journal of the Royal Statistical Society. Series B*, *59*(3), 615–626.
10. Hyndman, RJ, & Wand, MP. (1997). Nonparametric autocovariance function estimation. *The Australian Journal of Statistics*, *39*(3), 313–324.
11. Lajbcygier, P, Flitman, A, Swan, A, & Hyndman, R. (1997). The pricing and trading of options using a hybrid neural network model with historical volatility. *NeuroVe$t Journal*, *5*, 27–41.
12. Grunwald, GK, & Hyndman, RJ. (1998). Smoothing non-Gaussian time series with autoregressive structure. *Computational Statistics and Data Analysis*, *28*, 171–191.
13. Fraccaro, R, Hyndman, RJ, & Veevers, A. (2000). Residual diagnostic plots for checking for model mis-specification in time series regression. *Australian & New Zealand Journal of Statistics*, *42*(4), 463–477.
14. Grunwald, GK, Hyndman, RJ, Tedesco, LM, & Tweedie, RL. (2000). Non-Gaussian conditional linear AR(1) models. *Australian & New Zealand Journal of Statistics*, *42*(4), 479–495.
15. Hyndman, RJ, & Grunwald, GK. (2000). Generalized additive modelling of mixed distribution Markov models with application to Melbourne's rainfall. *Australian & New Zealand Journal of Statistics*, *42*(2), 145–158.
16. Bashtannyk, DM, & Hyndman, RJ. (2001). Bandwidth selection for kernel conditional density estimation. *Computational Statistics & Data Analysis*, *36*(3), 279–298.
17. Erbas, B, & Hyndman, RJ. (2001). Data visualisation for time series in environmental epidemiology. *Journal of Epidemiology and Biostatistics*, *6*(6), 433–443.
18. Hyndman, RJ. (2001). It's time to move from "what" to "why." *International Journal of Forecasting*, *17*(4), 567–570.
19. Predavec, M, Krebs, CJ, Danell, K, & Hyndman, RJ. (2001). Cycles and synchrony in the collared lemming (dicrostonyx groenlandicus) in arctic north america. *Oecologia*, *126*(2), 216–224.

20. Cai, T, Hyndman, RJ, & Wand, MP. (2002). Mixed model-based hazard estimation. *J Computational & Graphical Statistics*, *11*(4), 784–798.

21. Hyndman, RJ, Koehler, AB, Snyder, RD, & Grose, S. (2002). A state space framework for automatic forecasting using exponential smoothing methods. *International Journal of Forecasting*, *18*(3), 439–454.

22. Hyndman, RJ, & Yao, Q. (2002). Nonparametric estimation and symmetry tests for conditional density functions. *Journal of Nonparametric Statistics*, *14*(3), 259–278.

23. Racine, JS, & Hyndman, RJ. (2002). Using R to teach econometrics. *Journal of Applied Econometrics*, *17*(2), 175–189.

24. Hall, PG, & Hyndman, RJ. (2003). Improved methods for bandwidth selection when estimating ROC curves. *Statistics & Probability Letters*, *64*(2), 181–189.

25. Hyndman, RJ, & Billah, MB. (2003). Unmasking the theta method. *International Journal of Forecasting*, *19*(2), 287–290.

26. Rateau, F, Laumonier, B, & Hyndman, RJ. (2003). Normative data for the Rosner test of visual analysis skills on an Australian population. *Optometry and Vision Science*, *80*(6), 431–436.

27. Hall, PG, Hyndman, RJ, & Fan, Y. (2004). Nonparametric confidence intervals for receiver operating characteristic curves. *Biometrika*, *91*(3), 743–750.

28. Hyndman, RJ. (2004). The interaction between trend and seasonality. *International Journal of Forecasting*, *20*(4), 561–563.

29. Smith, L, Hyndman, RJ, & Wood, SN. (2004). Spline interpolation for demographic variables: The monotonicity problem. *Journal of Population Research*, *21*(1), 95–98.

30. Snyder, RD, Koehler, AB, Hyndman, RJ, & Ord, JK. (2004). Exponential smoothing models: Means and variances for lead-time demand. *European Journal of Operational Research*, *158*(2), 444–455.

31. Billah, MB, Hyndman, RJ, & Koehler, AB. (2005). Empirical information criteria for time series forecasting model selection. *Journal of Statistical Computation and Simulation*, *75*(10), 831–840.

32. Erbas, B, & Hyndman, RJ. (2005). Sensitivity of the estimated air pollution-respiratory admissions relationship to statistical model choice. *International Journal of Environmental Health Research*, *15*(6), 437–448.

33. Hyndman, RJ, King, ML, Pitrun, I, & Billah, MB. (2005). Local linear forecasts using cubic smoothing splines. *Australian & New Zealand Journal of Statistics*, *47*(1), 87–99.

34. Hyndman, RJ, Koehler, AB, Ord, JK, & Snyder, R. (2005). Prediction intervals for exponential smoothing using two new classes of state space models. *Journal of Forecasting*, *24*(1), 17–37.

35. Shenstone, L, & Hyndman, RJ. (2005). Stochastic models underlying croston's method for intermittent demand forecasting. *Journal of Forecasting*, *24*(6), 389–402.

36. Booth, H, Hyndman, RJ, Tickle, L, & de Jong, P. (2006). Lee-Carter mortality forecasting: A multi-country comparison of variants and extensions. *Demographic Research*, *15*(9), 289–310.

37. de Gooijer, JG, & Hyndman, RJ. (2006). 25 years of time series forecasting. *International Journal of Forecasting*, *22*(3), 443–473.

38. Hyndman, RJ. (2006). Another look at forecast-accuracy metrics for intermittent demand. *Foresight: The International Journal of Applied Forecasting*, *4*, 43–46.

39. Hyndman, RJ, & Koehler, AB. (2006). Another look at measures of forecast accuracy. *International Journal of Forecasting*, *22*(4), 679–688.

40. Kostenko, AV, & Hyndman, RJ. (2006). A note on the categorization of demand patterns. *The Journal of the Operational Research Society*, *57*(10), 1256–1257.

41. Mandryk, JA, Mackson, JM, Horn, FE, Wutzke, SE, Badcock, C-A, Hyndman, RJ, & Weekes, LM. (2006). Measuring change in prescription drug utilization in Australia. *Pharmacoepidemiology and Drug Safety*, *15*(7), 477–484.

42. Meyer, D, & Hyndman, RJ. (2006). The accuracy of television network rating forecasts: The effects of data aggregation and alternative models. *Model Assisted Statistics and Applications*, *1*(3), 147–155.

43. Wang, X, Smith-Miles, KA, & Hyndman, RJ. (2006). Characteristic-based clustering for time series data. *Data Mining and Knowledge Discovery*, *13*(3), 335–364.

44. Ye, A, & Hyndman, RJ. (2006). Projection pursuit estimator for multivariate conditional densities (chinese). *J. Fuzhou Univ. Nat. Sci. Ed.*, *34*(6), 794–797.

45. Zhang, X, King, ML, & Hyndman, RJ. (2006). A Bayesian approach to bandwidth selection for multivariate kernel density estimation. *Computational Statistics & Data Analysis*, *50*(11), 3009–3031.

46. Erbas, B, Chang, J-H, Dharmage, SC, Ong, EK, Hyndman, RJ, Newbigin, E, & Abramson, MJ. (2007). Do levels of airborne grass pollen influence asthma hospital admissions? *Clinical and Experimental Allergy*, *37*(11), 1641–1647.

47. Erbas, B, Hyndman, RJ, & Gertig, DM. (2007). Forecasting age-specific breast cancer mortality using functional data models. *Statistics in Medicine*, *26*(2), 458–470.

48. Horn, FE, Mandryk, JA, Mackson, JM, Wutzke, SE, Weekes, LM, & Hyndman, RJ. (2007). Measurement of changes in antihypertensive drug utilisation following primary care educational interventions. *Pharmacoepidemiology and Drug Safety*, *16*(3), 297–308.

49. Hyndman, RJ, & Kostenko, AV. (2007). Minimum sample size requirements for seasonal forecasting models. *Foresight: The International Journal of Applied Forecasting*, *6*, 12–15.

50. Hyndman, RJ, & Ullah, S. (2007). Robust forecasting of mortality and fertility rates: A functional data approach. *Computational Statistics & Data Analysis*, *51*(10), 4942–4956.

51. Kim, JH, Silvapulle, P, & Hyndman, RJ. (2007). Half-life estimation based on the bias-corrected bootstrap: A highest density region approach. *Computational Statistics & Data Analysis*, *51*(7), 3418–3432.

52. Athanasopoulos, G, & Hyndman, RJ. (2008). Modelling and forecasting Australian domestic tourism. *Tourism Management*, *29*(1), 19–31.

53. Gould, PG, Koehler, AB, Vahid, F, Snyder, RD, Ord, JK, & Hyndman, RJ. (2008). Forecasting time series with multiple seasonal patterns. *European Journal of Operational Research*, *191*(1), 205–220.

54. Hyndman, RJ, Akram, M, & Archibald, BC. (2008). The admissible parameter space for exponential smoothing models. *Annals of the Institute of Statistical Mathematics*, *60*(2), 407–426.

55. Hyndman, RJ, & Booth, H. (2008). Stochastic population forecasts using functional data models for mortality, fertility and migration. *International Journal of Forecasting*, *24*(3), 323–342.

56. Hyndman, RJ, & Khandakar, Y. (2008). Automatic time series forecasting: The forecast package for R. *Journal of Statistical Software*, *26*(3), 1–22.

57. Magnano, L, Boland, JW, & Hyndman, RJ. (2008). Generation of synthetic sequences of half-hourly temperature. *Environmetrics*, *19*(8), 818–835.

58. Akram, M, Hyndman, RJ, & Ord, JK. (2009). Exponential smoothing and non-negative data. *Australian & New Zealand Journal of Statistics*, *51*(4), 415–432.

59. Athanasopoulos, G, Ahmed, RA, & Hyndman, RJ. (2009). Hierarchical forecasts for Australian domestic tourism. *International Journal of Forecasting*, *25*(1), 146–166.

60. de Silva, A, Hyndman, RJ, & Snyder, RD. (2009). A multivariate innovations state space Beveridge-Nelson decomposition. *Economic Modelling*, *26*(5), 1067–1074.

61. Hyndman, RJ, & Shang, HL. (2009). Forecasting functional time series (with discussion). *Journal of the Korean Statistical Society*, *38*(3), 199–221.

62. Ord, JK, Koehler, AB, Snyder, RD, & Hyndman, R. (2009). Monitoring processes with changing variances. *International Journal of Forecasting*, *25*(3), 518–525.

63. Wang, X, Smith-Miles, KA, & Hyndman, RJ. (2009). Rule induction for forecasting method selection: Meta-learning the characteristics of univariate time series. *Neurocomputing*, *72*(10-12), 2581–2594.

64. de Silva, A, Hyndman, RJ, & Snyder, RD. (2010). The vector innovations structural time series framework: A simple approach to multivariate forecasting. *Statistical Modelling*, *10*(4), 353–374.

65. Erbas, B, Akram, M, Gertig, DM, English, D, Hopper, JL, Kavanagh, AM, & Hyndman, RJ. (2010). Using functional data analysis models to estimate future time trends of age-specific breast cancer mortality for the United States and England-Wales. *Journal of Epidemiology*, *20*(2), 159–165.

66. Hyndman, RJ, & Fan, S. (2010). Density forecasting for long-term peak electricity demand. *IEEE Transactions on Power Systems*, *25*(2), 1142–1153.

67. Hyndman, RJ, & Shang, HL. (2010). Rainbow plots, bagplots and boxplots for functional data. *J Computational & Graphical Statistics*, *19*(1), 29–45.

68. Kolassa, S, & Hyndman, RJ. (2010). Free open-source forecasting using R. *Foresight: The International Journal of Applied Forecasting*, *17*, 19–24.

69. Verbesselt, J, Hyndman, RJ, Newnham, G, & Culvenor, D. (2010). Detecting trend and seasonal changes in satellite image time series. *Remote Sensing of Environment*, *114*(1), 106–115.

70. Verbesselt, J, Hyndman, RJ, Zeileis, A, & Culvenor, D. (2010). Phenological change detection while accounting for abrupt and gradual trends in satellite image time series. *Remote Sensing of Environment*, *114*(12), 2970–2980.

71. Yasmeen, F, Hyndman, RJ, & Erbas, B. (2010). Forecasting age-related changes in breast cancer mortality among white and black US women. *Cancer Epidemiology*, *32*(5), 542–549.

72. Athanasopoulos, G, & Hyndman, RJ. (2011). The value of feedback in forecasting competitions. *International Journal of Forecasting*, *27*(3), 845–849.

73. Athanasopoulos, G, Hyndman, RJ, Song, H, & Wu, DC. (2011). The tourism forecasting competition. *International Journal of Forecasting*, *27*(3), 822–844.

74. Carta, D, Villanova, L, Costacurta, S, Patelli, A, Poli, I, Vezzù, S, Scopece, P, Lisi, F, Smith-Miles, K, Hyndman, RJ, Hill, AJ, & Falcaro, P. (2011). Method for optimizing coating properties based on an evolutionary algorithm approach. *Analytical Chemistry*, *83*(16), 6373–6380.

75. De Livera, AM, Hyndman, RJ, & Snyder, RD. (2011). Forecasting time series with complex seasonal patterns using exponential smoothing. *J American Statistical Association*, *106*(496), 1513–1527.

76. Fan, S, & Hyndman, RJ. (2011). The price elasticity of electricity demand in South Australia. *Energy Policy*, *39*(6), 3709–3719.

77. Hyndman, RJ. (2011). Giving a useR! talk. *The R Journal*, *3*(1), 69–71.

78. Hyndman, RJ, Ahmed, RA, Athanasopoulos, G, & Shang, HL. (2011). Optimal combination forecasts for hierarchical time series. *Computational Statistics & Data Analysis*, *55*(9), 2579–2589.

79. Kim, JH, Fraser, I, & Hyndman, RJ. (2011). Improved interval estimation of long run response from a dynamic linear model: A highest density region approach. *Computational Statistics & Data Analysis*, *55*(8), 2477–2489.

80. Pearce, JL, Beringer, J, Nicholls, N, Hyndman, RJ, & Tapper, NJ. (2011). Quantifying the influence of local meteorology on air quality using generalized additive models. *Atmospheric Environment*, *45*(6), 1328–1336.

81. Pearce, JL, Beringer, J, Nicholls, N, Hyndman, RJ, Uotila, P, & Tapper, NJ. (2011). Investigating the influence of synoptic-scale meteorology on air quality using self-organizing maps and generalized additive modelling. *Atmospheric Environment*, *45*(1), 128–136.

82. Shang, HL, Booth, H, & Hyndman, RJ. (2011). Point and interval forecasts of mortality rates and life expectancy: A comparison of ten principal component methods. *Demographic Research*, *25*, 173–214.

83. Shang, HL, & Hyndman, RJ. (2011). Nonparametric time series forecasting with dynamic updating. *Mathematics and Computers in Simulation*, *81*(7), 1310–1324.

84. Erbas, B, Dharmage, SC, Sullivan, MO, Akram, M, Newbigin, E, Taylor, P, Vicendese, D, Hyndman, RJ, Bardin, P, Tang, ML, & Abramson, MJ. (2012). A case-crossover design to examine the role of aeroallergens and respiratory viruses on childhood asthma exacerbations requiring hospitalization: The MAPCAH study. *Journal of Biometrics & Biostatistics*, *S7*(018).

85. Erbas, B, Ullah, S, Hyndman, RJ, Scollo, M, & Abramson, MJ. (2012). Forecasts of COPD mortality in Australia: 2006-2025. *BMC Medical Research Methodology*, *12*(1), 17.

86. Fan, S, & Hyndman, RJ. (2012). Short-term load forecasting based on a semi-parametric additive model. *IEEE Transactions on Power Systems*, *27*(1), 134–141.

87. Hyndman, RJ, Booth, H, & Yasmeen, F. (2013). Coherent mortality forecasting: The product-ratio method with functional time series models. *Demography*, *50*(1), 261–283.

88. Ben Taieb, S, & Hyndman, RJ. (2014). A gradient boosting approach to the Kaggle load forecasting competition. *International Journal of Forecasting*, *30*(2), 382–394.

89. Hyndman, RJ, & Athanasopoulos, G. (2014). Optimally reconciling forecasts in a hierarchy. *Foresight*, *Fall 2014*, 42–48.

90. Tham, R, Dharmage, S, Taylor, P, Newbigin, E, Tang, MLK, Vicendese, D, Hyndman, RJ, Abramson, MJ, & Erbas, B. (2014). Outdoor fungal spores are associated with child asthma hospitalisations — a case-crossover study. *European Respiratory Journal*, *44*(Suppl 58).

91. Erbas, B, Dharmage, SC, Tang, ML, Akram, M, Allen, KJ, Vicendese, D, Davies, JM, Hyndman, RJ, Newbigin, EJ, Taylor, PE, Bardin, PG, & Abramson, MJ. (2015). Do human rhinovirus infections and food allergy modify grass pollen–induced asthma hospital admissions in children? *Journal of Allergy and Clinical Immunology*, *136*(4), 1118–1120.e2.

92. Hyndman, RJ. (2015). Discussion of "high-dimensional autocovariance matrices and optimal linear prediction." *Electronic J. Statistics*, *9*(1), 792–796.

93. Hyndman, RJ, Mesgaran, MB, & Cousens, RD. (2015). Statistical issues with using herbarium data for the estimation of invasion lag-phases. *Biological Invasions*, *17*(12), 3371–3381. robjhyndman.com/lagphase

94. Ben Taieb, S, Huser, R, Hyndman, RJ, & Genton, MG. (2016). Forecasting uncertainty in electricity smart meter data by boosting additive quantile regression. *IEEE Transactions on Smart Grid*, *7*, 2448–2455.

95. Bergmeir, C, Hyndman, RJ, & Benítez, JM. (2016). Bagging exponential smoothing methods using STL decomposition and Box-Cox transformation. *International Journal of Forecasting*, *32*(2), 303–312.

96. Hong, T, Pinson, P, Fan, S, Zareipour, H, Troccoli, A, & Hyndman, RJ. (2016). Probabilistic energy forecasting: Global energy forecasting competition 2014 and beyond. *International Journal of Forecasting*, *32*(3), 896–913.

97. Hyndman, RJ, Lee, A, & Wang, E. (2016). Fast computation of reconciled forecasts for hierarchical and grouped time series. *Computational Statistics & Data Analysis*, *97*, 16–32.

98. Pearce, JL, Hyer, M, Hyndman, RJ, Loughnan, M, Dennekamp, M, & Nicholls, N. (2016). Exploring the influence of short-term temperature patterns on temperature-related mortality: A case-study of Melbourne, Australia. *Environmental Health*, *15*(1), 107.

99. Athanasopoulos, G, Hyndman, RJ, Kourentzes, N, & Petropoulos, F. (2017). Forecasting with temporal hierarchies. *European Journal of Operational Research*, *262*(1), 60–74.

100. Goodwin, P, Petropoulos, F, & Hyndman, RJ. (2017). A note on upper bounds for forecast-value-added relative to naïve forecasts. *Journal of the Operational Research Society*, *68*, 1082–1084.

101. Kang, Y, Hyndman, RJ, & Smith-Miles, K. (2017). Visualising forecasting algorithm performance using time series instance spaces. *International Journal of Forecasting*, *33*(2), 345–358.

102. Shang, HL, & Hyndman, RJ. (2017). Grouped functional time series forecasting: An application to age-specific mortality rates. *J Computational & Graphical Statistics*, *26*(2), 330–343.

103. Steponavičė, I, Hyndman, RJ, Smith-Miles, K, & Villanova, L. (2017). Dynamic algorithm selection for pareto optimal set approximation. *Journal of Global Optimization*, *67*, 263–282.

104. Studdert, DM, Zhang, yes, Rodden, JA, Hyndman, RJ, & Wintemute, GJ. (2017). Handgun acquisitions in California after two mass shootings. *Annals of Internal Medicine*, *166*(10), 698–706.

105. Tham, R, Vicendese, D, Dharmage, SC, Hyndman, RJ, Newbigin, E, Lewis, E, O'Sullivan, M, Lowe, AJ, Taylor, P, Bardin, P, Tang, ML, Abramson, MJ, & Erbas, B. (2017). Associations between outdoor fungal spores and childhood and adolescent asthma hospitalisations. *Journal of Allergy and Clinical Immunology*, *139*, 1140–1147.e4.

106. Bergmeir, C, Hyndman, RJ, & Koo, B. (2018). A note on the validity of cross-validation for evaluating autoregressive time series prediction. *Computational Statistics & Data Analysis*, *120*, 70–83. robjhyndman.com/publications/cv-time-series/

107. Dokumentov, A, Hyndman, RJ, & Tickle, L. (2018). Bivariate smoothing of mortality surfaces with cohort and period ridges. *Stat*, *7*(e199).

108. Hyndman, RJ, Lin, XA, & Pinson, P. (2018). Visualizing big energy data: Solutions for this crucial component of data analysis. *IEEE Power and Energy Magazine*, *16*(3), 18–25.

109. Petropoulos, F, Hyndman, RJ, & Bergmeir, C. (2018). Exploring the sources of uncertainty: Why does bagging for time series forecasting work? *European Journal of Operational Research*, *268*(2), 545–554.

110. Wang, J, Athanasopoulos, G, Hyndman, RJ, & Wang, S. (2018). Crude oil price forecasting based on internet concern using an extreme learning machine. *International Journal of Forecasting*, *34*(4), 665–677.

111. Leigh, C, Alsibai, O, Hyndman, RJ, Kandanaarachchi, S, King, OC, McGree, JM, Neelamraju, C, Strauss, J, Talagala, PD, Turner, RS, Mengersen, K, & Peterson, EE. (2019). A framework for automated anomaly detection in high frequency water-quality data from in situ sensors. *Science of the Total Environment*, *664*, 885–898. robjhyndman.com/publications/water-quality-2/

112. Leigh, C, Kandanaarachchi, S, McGree, JM, Hyndman, RJ, Alsibai, O, Mengersen, K, & Peterson, EE. (2019). Predicting sediment and nutrient concentrations in rivers using high frequency water quality surrogates. *PLOS ONE*, *14*, e0215503. robjhyndman.com/publications/water-quality/

113. Panagiotelis, A, Athanasopoulos, G, Hyndman, RJ, Jiang, B, & Vahid, F. (2019). Macroeconomic forecasting for Australia using a large number of predictors. *International Journal of Forecasting*, *35*(2), 616–633. robjhyndman.com/publications/ausmacrofcast

114. Talagala, PD, Hyndman, RJ, Leigh, C, Mengersen, K, & Smith-Miles, K. (2019). A feature-based procedure for detecting technical outliers in water-quality data from in situ sensors. *Water Resources Research*, *55*, 8547–8568. robjhyndman.com/publications/oddwater/

115. Wickramasuriya, SL, Athanasopoulos, G, & Hyndman, RJ. (2019). Optimal forecast reconciliation for hierarchical and grouped time series through trace minimization. *J American Statistical Association*, *114*(526), 804–819.

116. Ben Taieb, S, Taylor, JW, & Hyndman, RJ. (2020). Hierarchical probabilistic forecasting of electricity demand with smart meter data. *J American Statistical Association*. robjhyndman.com/publications/hpf-electricity/

117. Clark, S, Hyndman, RJ, Pagendam, D, & Ryan, LM. (2020). Modern strategies for time series regression. *International Statistical Review*.

118. Eckert, F, Hyndman, RJ, & Panagiotelis, A. (2020). Forecasting Swiss exports using Bayesian forecast reconciliation. *European J Operational Research*. robjhyndman.com/publications/swiss-exports/

119. Forbes, J, Cook, D, & Hyndman, RJ. (2020). Spatial modelling of the two-party preferred vote in Australian federal elections: 2001–2016. *Australian & New Zealand Journal of Statistics*, *62*(2), 168–185. robjhyndman.com/publications/elections/

120. Hyndman, RJ. (2020). A brief history of forecasting competitions. *International Journal of Forecasting*, *36*(1), 7–14. robjhyndman.com/publications/forecasting-competitions

121. Kandanaarachchi, S, & Hyndman, RJ. (2020). Dimension reduction for outlier detection using DOBIN. *J Computational & Graphical Statistics*. robjhyndman.com/publications/dobin

122. Kandanaarachchi, S, Hyndman, RJ, & Smith-Miles, K. (2020). Early classification of spatio-temporal events using time-varying models. *PLOS ONE*, *15*, e0236331. robjhyndman.com/publications/eventstream

123. Kandanaarachchi, S, Muñoz, MA, Hyndman, RJ, & Smith-Miles, K. (2020). On normalization and algorithm selection for unsupervised outlier detection. *Data Mining and Knowledge Discovery*, *34*, 309–354. robjhyndman.com/publications/normalization-outliers/

124. Kang, Y, Hyndman, RJ, & Li, F. (2020). GRATIS: GeneRAting TIme series with diverse and controllable characteristics. *Statistical Analysis and Data Mining*, *13*(4), 354–376. robjhyndman.com/publications/gratis/

125. Makridakis, S, Hyndman, RJ, & Petropoulos, F. (2020). Forecasting in social settings: The state of the art. *International Journal of Forecasting*, *36*(1), 15–28. robjhyndman.com/publications/forecasting-sofa

126. Montero-Manso, P, Athanasopoulos, G, Hyndman, RJ, & Talagala, TS. (2020). FFORMA: Feature-based forecast model averaging. *International Journal of Forecasting*, *36*(1), 86–92. robjhyndman.com/publications/fforma/

127. Panagiotelis, A, Gamakumara, P, Athanasopoulos, G, & Hyndman, RJ. (2020). Forecast reconciliation: A geometric view with new insights on bias correction. *International Journal of Forecasting*, *37*(1), 343–359. robjhyndman.com/publications/hierarchical-geometry

128. Talagala, PD, Hyndman, RJ, & Smith-Miles, K. (2020). Anomaly detection in high-dimensional data. *J Computational & Graphical Statistics*. robjhyndman.com/publications/stray/

129. Talagala, PD, Hyndman, RJ, Smith-Miles, K, Kandanaarachchi, S, & Muñoz, MA. (2020). Anomaly detection in streaming nonstationary temporal data. *J Computational & Graphical Statistics*, *20*, 13–27. robjhyndman.com/publications/oddstream/

130. Vicendese, D, Marvelde, LT, McNair, PD, Ben Taieb, S, Hyndman, RJ, & Thomas, R. (2020). Hospital characteristics, rather than surgical volume, predict length of stay following colorectal cancer surgery. *Australian and New Zealand Journal of Public Health*, *44*, 73–82.

131. Wang, E, Cook, D, & Hyndman, RJ. (2020). A new tidy data structure to support exploration and modeling of temporal data. *J Computational & Graphical Statistics*. robjhyndman.com/publications/tsibble

132. Wang, E, Cook, D, & Hyndman, RJ. (2020). Calendar-based graphics for visualizing people's daily schedules. *J Computational & Graphical Statistics*, *29*, 490–502. robjhyndman.com/publications/calendar-vis

133. Wickramasuriya, SL, Turlach, BA, & Hyndman, RJ. (2020). Optimal non-negative forecast reconciliation. *Statistics & Computing*, *30*(5), 1167–1182. robjhyndman.com/publications/nnmint/

Book chapters

1. Axford, RL, Grunwald, GK, & Hyndman, RJ. (1995). Information technology in research. In E Hovenga, M Kidd, & B Cesnik (Eds.), *Health informatics: An overview*. Churchill Livingstone.

2. Hyndman, RJ. (2002). ARIMA processes. In H Daellenbach & R Flood (Eds.), *The informed student guide to management science* (pp. 27–28). Cengage Learning Business Press.

3. Hyndman, RJ. (2002). Box-Jenkins modelling. In H Daellenbach & R Flood (Eds.), *The informed student guide to management science* (pp. 42–43). Cengage Learning Business Press.

4. Hyndman, RJ, & Snyder, RD. (2002). Kalman filter. In H Daellenbach & R Flood (Eds.), *The informed student guide to management science* (p. 162). Cengage Learning Business Press.

5. Hyndman, RJ, & Shang, HL. (2008). Bagplots, boxplots and outlier detection for functional data. In S Dabo-Niang & F Ferraty (Eds.), *Functional and operatorial statistics* (pp. 201–207). Springer.

6. Hyndman, RJ. (2010). Business forecasting methods. In M Lovric (Ed.), *International encyclopedia of statistical science* (pp. 185–187). Springer.

7. Hyndman, RJ. (2010). Forecasting overview. In M Lovric (Ed.), *International encyclopedia of statistical science* (pp. 536–539). Springer.

8. Hyndman, RJ. (2010). Moving averages. In M Lovric (Ed.), *International encyclopedia of statistical science* (pp. 866–869). Springer.

9. Booth, H, Hyndman, RJ, & Tickle, L. (2014). Prospective life tables. In A Charpentier (Ed.), *Computational actuarial science with R* (pp. 323–348). Chapman & Hall/CRC.

10. Hyndman, RJ. (2015). Another look at forecast-accuracy metrics for intermittent demand. In M Gilliland, L Tashman, & U Sglavo (Eds.), *Business forecasting: Practical problems and solutions* (pp. 204–211). John Wiley & Sons.

11. Hyndman, RJ. (2015). Measuring forecast accuracy. In M Gilliland, L Tashman, & U Sglavo (Eds.), *Business forecasting: Practical problems and solutions* (pp. 177–184). John Wiley & Sons.

12. Steponavičė, I, Shirazi-Manesh, M, Hyndman, RJ, Smith-Miles, K, & Villanova, L. (2016). On sampling methods for costly multi-objective black-box optimization. In PM Pardalos, A Zhigljavsky, & J Žilinskas (Eds.), *Advances in stochastic and deterministic global optimization* (pp. 273–296). Springer.

13. Vicendese, D, Marvelde, LT, McNair, PD, Ben Taieb, S, Hyndman, RJ, & Thomas, R. (2019). Predicting the whole distribution with methods for depth data analysis demonstrated on a colorectal cancer treatment study. In H Nguyen (Ed.), *Statistics and data science* (Vol. 1150, pp. 162–182). Springer.

14. Athanasopoulos, G, Gamakumara, P, Panagiotelis, A, Hyndman, RJ, & Affan, M. (2020). Hierarchical fore-casting. In P Fuleky (Ed.), *Macroeconomic forecasting in the era of big data* (pp. 689–719). Springer. robjhyndman.com/publications/hierarchical-forecasting

15. Hyndman, RJ. (2021). Quantile forecasting with ensembles and combinations. In M Gilliland, L Tashman, & U Sglavo (Eds.), *Business forecasting: The emerging role of artificial intelligence and machine learning*. John Wiley & Sons.

Papers in refereed conference proceedings

1. Hyndman, RJ. (1987). Calculating the odds. In M Walker (Ed.), *Faces of gambling, proceedings of the second national conference of the national association for gambling studies (1986)* (pp. 139–152).

2. Hyndman, RJ. (1999). Nonparametric additive regression models for binary time series. *Proceedings, 1999 Australasian Meeting of the Econometric Society.*

3. Erbas, B, & Hyndman, RJ. (2001). Statistical methodological issues in studies of air pollution and respiratory dis-ease. In B Klein & L Korsholm (Eds.), *New trends in statistical modelling: Proceedings of the 16th international workshop on statistical modelling* (pp. 179–186). University of Southern Denmark, Denmark. July 2001.

4. Hyndman, RJ, & Ullah, S. (2005). Robust forecasting of mortality and fertility rates: A functional data approach. *Proceedings, 55th Session of the International Statistical Institute.*

5. Wang, X, Smith-Miles, KA, & Hyndman, RJ. (2005). Dimension reduction for clustering time series using global characteristics. *Lecture Notes in Computer Science, Vol.3516. Proceedings, Computational Science – ICCS 2005: 5th International Conference, 3516,* 792–795.

6. Shang, HL, & Hyndman, RJ. (2009). Nonparametric time series forecasting with dynamic updating. *18th World IMAS/MODSIM Congress.*

7. Fan, S, & Hyndman, RJ. (2010). Short-term load forecasting based on a semi-parametric additive model. *Pro-ceedings, 20th Australasian Universities Power Engineering Conference.*

8. Shang, HL, & Hyndman, RJ. (2010). Exploratory graphics for functional data. *Proceedings, Interface 2010: Computing Science and Statistics.*

9. Villanova, L, Falcaro, P, Carta, D, Poli, I, Hyndman, RJ, & Smith-Miles, KA. (2010). Functionalization of microarray devices: Process optimization using a multiobjective PSO and multiresponse MARS modeling. *Proceedings. 2010 IEEE Congress on Evolutionary Computation.*

10. Ben Taieb, S, & Hyndman, RJ. (2014). Boosting multi-step autoregressive forecasts. *Proceedings of the 31st International Conference on Machine Learning,* 109–117. jmlr.org/proceedings/papers/v32/taieb14.pdf

11. Hyndman, RJ, & Yasmeen, F. (2014). Common functional principal component models for mortality forecasting. In EG Bongiorno, E Salinelli, A Goia, & P Vieu (Eds.), *Contributions in infinite-dimensional statistics and related topics* (pp. 161–166).

12. Steponavičè, I, Hyndman, RJ, Smith-Miles, K, & Villanova, L. (2014). Efficient identification of the pareto optimal set. *Learning and Intelligent Optimization: Lecture Notes in Computer Science, 8426,* 341–352.

13. Hyndman, RJ, Wang, E, & Laptev, N. (2015). Large-scale unusual time series detection. *Proceedings of the IEEE International Conference on Data Mining,* 1616–1619.

14. Ben Taieb, S, Taylor, JW, & Hyndman, RJ. (2017). Coherent probabilistic forecasts for hierarchical time series. *Proceedings of the 34th International Conference on Machine Learning, PMLR, 70,* 3348–3357.

15. Hirsch, M, Cook, D, Lajbcygier, P, & Hyndman, RJ. (2019). Revealing high-frequency trading provision of liquidity with visualization. *Proceedings of the 2nd International Conference on Software Engineering and Information Management,* 157–165. robjhyndman.com/publications/hft-liquidity

16. Severinsen, A, & Hyndman, RJ. (2019). Quantification of energy savings from energy conservation measures in buildings using machine learning. *ECEEE Summer Study Proceedings.*

Working papers under revision or review

1. Ye, A, Hyndman, RJ, & Li, Z. (2006). *Local linear multivariate regression with variable bandwidth in the presence of heteroscedasticity* (Working Paper No. 08/06). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/papers/hetero.pdf

2. Ouwehand, P, Hyndman, RJ, de Kok, TG, & van Donselaar, KH. (2007). *A state space model for exponential smoothing with group seasonality* (Working Paper No. 07/07). Department of Econometrics & Business Statistics, Monash University.

3. Ben Taieb, S, & Hyndman, RJ. (2012). *Recursive and direct multi-step forecasting: The best of both worlds* (Working Paper No. 19/12). Department of Econometrics & Business Statistics, Monash University. robjhynd-man.com/publications/rectify/

4. Dokumentov, A, & Hyndman, RJ. (2014). *Low-dimensional decomposition, smoothing and forecasting of sparse functional data* (Working Paper No. 16/14). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/ropes/

5. Ben Taieb, S, Huser, R, Hyndman, RJ, & Genton, MG. (2015). *Probabilistic time series forecasting with boosted additive models: An application to smart meter data* (Working Paper No. 12/15). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/kdd2015

6. Dokumentov, A, & Hyndman, RJ. (2015). *STR: A seasonal-trend decomposition procedure based on regression* (Working Paper No. 13/15). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/str/

7. Jiang, B, Panagiotelis, A, Athanasopoulos, G, Hyndman, RJ, & Vahid, F. (2016). *Bayesian rank selection in multivariate regression* (Working Paper No. 05/16). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/bayesian-rank-selection-in-multivariate-regression/

8. Url, T, Hyndman, RJ, & Dokumentov, A. (2016). *Long-term forecasts of age-specific participation rates with functional data models* (Working Paper No. 03/16). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/participation-rates/

9. Behlul, T, Panagiotelis, A, Athanasopoulos, G, Hyndman, RJ, & Vahid, F. (2017). *The Australian Macro Database: An online resource for macroeconomic research in Australia* (Working Paper No. 17/01). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/ausmacrodata

10. Talagala, TS, Hyndman, RJ, & Athanasopoulos, G. (2018). *Meta-learning how to forecast time series* (Working Paper No. 6/18). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/fforms/

11. Abolghasemi, M, Hyndman, RJ, Tarr, G, & Bergmeir, C. (2019). *Machine learning applications in time series hierarchical forecasting*. arxiv.org/abs/1912.00370

12. Ashouri, M, Hyndman, RJ, & Shmueli, G. (2019). *Fast forecast reconciliation using linear models* (Working Paper No. 29/19). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/lhf

13. Ullah, I, Mengersen, K, Hyndman, RJ, & McGree, J. (2019). *Detection of cybersecurity attacks through analysis of web browsing activities using principal component analysis*. robjhyndman.com/publications/ndis-anomalies/

14. Zamani, A, Haghbin, H, Hashemi, M, & Hyndman, RJ. (2019). *Seasonal functional autoregressive models* (Working Paper No. 16/19). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/sfar/

15. Abolghasemi, M, Hyndman, RJ, Spiliotis, E, & Bergmeir, C. (2020). *Model selection in reconciling hierarchial time series*. arxiv.org/abs/2010.10742

16. Golding, N, Shearer, FM, Moss, R, Dawson, P, Liu, D, Ross, JV, Hyndman, RJ, Zachreson, C, Geard, N, McVernon, J, Price, DJ, & McCaw, JM. (2020). *Estimating temporal variation in transmission of SARS-CoV-2 and physical distancing behaviour in Australia*. robjhyndman.com/publications/covid19/

17. Gupta, S, Hyndman, RJ, Cook, D, & Unwin, A. (2020). *Visualizing probability distributions across bivariate cyclic temporal granularities* (Working Paper No. 35/20). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/gravitas

18. Hyndman, RJ, Zeng, Y, & Shang, HL. (2020). *Forecasting the old-age dependency ratio to determine a sustainable pension age* (Working Paper No. 31/20). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/pensionage

19. Li, H, & Hyndman, RJ. (2020). *Assessing longevity inequality in the US: What can be said about the future?* robjhyndman.com/publications/us-longevity/

20. Montero-Manso, P, & Hyndman, RJ. (2020). *Principles and algorithms for forecasting groups of time series: Locality and globality* [Working Paper]. Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/global-forecasting/

21. Panagiotelis, A, Gamakumara, P, Athanasopoulos, G, & Hyndman, RJ. (2020). *Probabilistic forecast reconciliation: Properties, evaluation and score optimisation* (Working Paper No. 26/20). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/coherentprob/

22. Rostami-Tabar, B, Ali, MM, Hong, T, Hyndman, RJ, Porter, MD, & Syntetos, A. (2020). *Forecasting for social good* (Working Paper No. 37/20). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/fsg

23. Spiliotis, E, Abolghasemi, M, Hyndman, RJ, Petropoulos, F, & Assimakopoulos, V. (2020). *Hierarchical forecast reconciliation with machine learning*. robjhyndman.com/publications/hfrml/

24. Wang, X, Kang, Y, Hyndman, RJ, & Li, F. (2020). *Distributed ARIMA models for ultra-long time series* (Working Paper No. 29/20). Department of Econometrics & Business Statistics, Monash University. robjhyndman.com/publications/darima/

Book reviews

1. Hyndman, RJ. (1996). Book review of "Kernel smoothing" (Wand and Jones, 1995). *Journal of Applied Statistics*, *23*, 677–678.

2. Hyndman, RJ. (1998). Book review of "Leading personalities in the statistical sciences: From the seventeenth century to the present" (Kotz and Johnson, 1998). *Australian & New Zealand Journal of Statistics*, *40*(3), 382–383.

3. Hyndman, RJ. (1998). Book review of "Smoothing methods in statistics" (Simonoff, 1996). *Australian & New Zealand Journal of Statistics*, *40*(2), 251–252.

4. Hyndman, RJ. (1999). Book review of "A primer of mathematical writing" (Krantz, 1997) and "Handbook of writing for the mathematical sciences" (Higham, 1998). *Australian & New Zealand Journal of Statistics*, *41*(2), 252–253.

5. Hyndman, RJ. (1999). Book review of "Chance encounters: A first course in data analysis and inference" (Wild and Seber, 2000). *Australian & New Zealand Journal of Statistics*, *41*(4), 493–495.

6. Hyndman, RJ. (1999). Book review of "Statistically speaking: A dictionary of quotations" (Gaither and Cavazos-Gaither, 1996). *Australian & New Zealand Journal of Statistics*, *41*(3), 380–382.

7. Hyndman, RJ. (2000). Nonparametric econometrics by A. Pagan and A. Ullah (Cambridge University Press, Cambridge, UK, 1999), pp.xviii+424. *The Economic Record*, *76*, 309–311.

8. Erbas, B, & Hyndman, RJ. (2005). Book review of "Data analysis and graphics using R: An example-based approach" (Maindonald and Braun, 2003). *Journal of Population Research*, *22*(2), 206–208.

Editorials

1. Hyndman, RJ. (2005). Editorial. *International Journal of Forecasting*, *21*(1), 1.

2. Hyndman, RJ, & Ord, JK. (2006). Twenty-five years of forecasting. *International Journal of Forecasting*, *22*(3), 413–414.

3. Hyndman, RJ. (2010). Changing of the guard. *International Journal of Forecasting*, *26*(1), 1.

4. Hyndman, RJ. (2010). Encouraging replication and reproducible research. *International Journal of Forecasting*, *26*(1), 2–3.

5. Song, H, & Hyndman, RJ. (2011). Tourism forecasting: An introduction. *International Journal of Forecasting*, *27*(3), 817–821.

6. Hyndman, RJ. (2013). Change of editors. *International Journal of Forecasting*, *29*(1), A1.

7. Hyndman, RJ. (2015). Change to the IJF editors. *International Journal of Forecasting*, *31*(2), 391.

8. Hyndman, RJ. (2015). New IJF editors. *International Journal of Forecasting*, *31*(4), 1104.

Statistical consulting reports

1. Brown, TC, & Hyndman, RJ. (1986). *Report no. 49: Classical Blackjack*. Statistical Consulting Centre, University of Melbourne.

2. Brown, TC, & Hyndman, RJ. (1986). *Report no. 50: Coin Toss*. Statistical Consulting Centre, University of Melbourne.

3. Brown, TC, & Hyndman, RJ. (1986). *Report no. 51: 20/22 Keno*. Statistical Consulting Centre, University of Melbourne.

4. Brown, TC, & Hyndman, RJ. (1986). *Report no. 58: Coin Toss II*. Statistical Consulting Centre, University of Melbourne.

5. Brown, TC, & Hyndman, RJ. (1986). *Report no. 59: Super–8–Ways*. Statistical Consulting Centre, University of Melbourne.

6. Brown, TC, & Hyndman, RJ. (1986). *Report no. 61: Keno II*. Statistical Consulting Centre, University of Melbourne.

7. Brown, TC, & Hyndman, RJ. (1986). *Report no. 68: Super–8–Ways (with a joker)*. Statistical Consulting Centre, University of Melbourne.

8. Brown, TC, & Hyndman, RJ. (1986). *Report no. 69: Five Ways*. Statistical Consulting Centre, University of Melbourne.

9. Brown, TC, & Hyndman, RJ. (1986). *Report no. 44: Stud Poker*. Statistical Consulting Centre, University of Melbourne.

10. Brown, TC, & Hyndman, RJ. (1986). *Report no. 46: Fruit Poker*. Statistical Consulting Centre, University of Melbourne.

11. Hyndman, RJ. (1986). *Report no. 52: Comments on Draw Poker VII*. Statistical Consulting Centre, University of Melbourne.

12. Hyndman, RJ, & Brown, TC. (1987). *Report no. 83: Comments on Draw Poker VII*. Statistical Consulting Centre, University of Melbourne.

13. Hyndman, RJ, & Sharpe, K. (1987). *Report no. 100: Draw Poker IX*. Statistical Consulting Centre, University of Melbourne.

14. Hyndman, RJ, & Sharpe, K. (1987). *Report no. 101: Draw Poker X*. Statistical Consulting Centre, University of Melbourne.

15. Hyndman, RJ. (1988). *A statistical analysis of conversation times for local calls*.

16. Hyndman, RJ. (1988). *Local call holding times*.

17. Dickinson, T, & Hyndman, RJ. (1989). *Report no. 188: Modelling taxation accounts II*. Statistical Consulting Centre, University of Melbourne.

18. Hyndman, RJ. (1989). *Report no. 167: FOREX: A computer program for modelling financial market behaviour*. Statistical Consulting Centre, University of Melbourne.

19. Hyndman, RJ. (1989). *Report no. 189: A time series analysis of gold prices*. Statistical Consulting Centre, University of Melbourne.

20. Hyndman, RJ. (1989). *Report no. 192: Further descriptive statistics of gold prices*. Statistical Consulting Centre, University of Melbourne.

21. Hyndman, RJ. (1989). *Report no. 195: Further notes on the statistical analysis of gold prices*. Statistical Consulting Centre, University of Melbourne.

22. Hyndman, RJ. (1989). *Statistical reporting*. Spice consulting.

23. Hyndman, RJ, & Jarrett, RG. (1989). *Report no. 155: Modelling financial market behaviour*. Statistical Consulting Centre, University of Melbourne.

24. Hyndman, RJ, & Jarrett, RG. (1989). *Report no. 182: Survey of professional and staff development needs*. Statistical Consulting Centre, University of Melbourne.

25. Jarrett, RG, & Hyndman, RJ. (1989). *Report no. 148: Personnel industry survey*. Statistical Consulting Centre, University of Melbourne.

26. Jarrett, RG, & Hyndman, RJ. (1989). *Report no. 154: Maternal temperament and coping scale*. Statistical Consulting Centre, University of Melbourne.

27. Sharpe, K, & Hyndman, RJ. (1989). *Report no. 180: Evaluation of NIR machines for measuring the protein content of wheat — 88–89 field trials*. Statistical Consulting Centre, University of Melbourne.

28. Hyndman, RJ. (1990). *Report no. 206: A time series analysis of monthly and yearly gold price data*. Statistical Consulting Centre, University of Melbourne.

29. Hyndman, RJ. (1990). *Report no. 209: FOREX II*. Statistical Consulting Centre, University of Melbourne.

30. Hyndman, RJ. (1990). *Report no. 224: Passenger motor vehicle sales in Australia*. Statistical Consulting Centre, University of Melbourne.

31. Hyndman, RJ. (1990). *Report no. 227: Forecasting passenger motor vehicle sales in Australia*. Statistical Consulting Centre, University of Melbourne.

32. Hyndman, RJ. (1990). *Data collection*. Spice consulting.

33. Hyndman, RJ. (1991). *Report no. 277: Comments on the Systat–Statsoft debate*. Statistical Consulting Centre, University of Melbourne.

34. Hyndman, RJ. (1991). *The MEPCA statistical system*. Spice consulting.

35. Hyndman, RJ. (1992). *Report no. 281: Assessing the classroom performance of NESB teachers*. Statistical Consulting Centre, University of Melbourne.

36. Hyndman, RJ. (1992). *Report no. 282: Monthly reporting of electricity sales and revenue and end-of-year projections*. Statistical Consulting Centre, University of Melbourne.

37. Hyndman, RJ. (1992). *Report no. 292: Comments on linear regression and the variance ratio*. Statistical Consulting Centre, University of Melbourne.

38. Hyndman, RJ. (1992). *Report no. 308: Evaluation of a random breath testing initiative in Victoria: 1990*. Statistical Consulting Centre, University of Melbourne.

39. Hyndman, RJ. (1993). *Report no. 323: A time series modelling approach to forecasting airline passenger traffic*. Statistical Consulting Centre, University of Melbourne.

40. Hyndman, RJ. (1993). *Report no. 326: Some notes on the implementation of airline passenger traffic forecasting*. Statistical Consulting Centre, University of Melbourne.

41. Hyndman, RJ. (1994). *Statistical modelling of sale values of ORIX vehicles*. Data Analysis; Statistical Services.

42. Hyndman, RJ, & Hurst, FK. (1995). *Analysis of needle protector trial data: AV fistula needle protector in haemodialysis units*. Monash University Statistical Consulting Service.

43. Hyndman, RJ, & Hurst, FK. (1995). *Analysis of needle protector trial data: AV fistula needle protector in apheresis units of BTS*. Monash University Statistical Consulting Service.

44. Hyndman, RJ, & Hurst, FK. (1995). *Analysis of needle protector trial data: Bloodpack needle protector*. Monash University Statistical Consulting Service.

45. Hyndman, IT, & Hyndman, RJ. (1995). *Palliative care case finding survey*. Spice consulting.

46. Hyndman, RJ. (1996). *Work done for Olympic Amusements Pty Ltd*. Data Analysis; Statistical Services.

47. Hyndman, RJ, & Arachige, D. (1996). *Tax agent program for individual tax payers: Review of claims on work-related expenses*. Monash University Statistical Consulting Service.

48. Hyndman, RJ, & Arachige, D. (1996). *Risk factors for melanoma*. Monash University Statistical Consulting Service.

49. Hyndman, RJ, & Nguyen, T. (1996). *The effect of bird mix on growers*. Monash University Statistical Consulting Service.

50. Hyndman, RJ, Thomas, L, & McCloud, PI. (1996). *Interim report for microbiological diagnostic unit, Department of Microbiology, University of Melbourne*. Monash University Statistical Consulting Service.

51. Arachige, D, & Hyndman, RJ. (1997). *A double blind, placebo controlled study, comparing the efficacy of a garlic-inulin supplement in the treatment of patients with mild to moderate hypercholesterolaemia*. Monash University Statistical Consulting Service.

52. Hyndman, RJ. (1997). *Formulae for use in analyzing life survey data*. Data Analysis; Statistical Services.

53. Hyndman, RJ. (1997). *Comments on alleged anomalies in the Work Related Expenses audit program*. Data Analysis; Statistical Services.

54. Hyndman, RJ. (1997). *Review of CQU report on Work Related Expense audit*. Data Analysis; Statistical Services.

55. McCloud, PI, Hyndman, RJ, & Arachige, D. (1997). *Immunogenicity and clinical tolerability of FLUVAX inactivated influenza vaccine (split virion) on elderly adults*. Monash University Statistical Consulting Service.

56. McCloud, PI, Hyndman, RJ, & Arachige, D. (1997). *Immunogenicity and clinical tolerability of FLUVAX inactivated influenza vaccine (split virion) on adults*. Monash University Statistical Consulting Service.

57. Hyndman, RJ. (1998). *Comments on the application by the MCC for certification of an enterprise agreement*. Spice consulting.

58. Hyndman, RJ. (1998). *C code for exponential forecasting*. Data Analysis; Statistical Services.

59. Hyndman, RJ. (1998). *Unit cost analysis for disability services*. Monash University Statistical Consulting Service.

60. Hyndman, RJ. (1999). *Analysis of electrode readings on an 18-pier bridge*. Monash University Statistics; Econometrics Consulting Service.

61. Hyndman, RJ. (1999). *Review of personal loan application decision model*. Monash University Statistics; Econometrics Consulting Service.

62. Abeyewardene, K, & Hyndman, RJ. (2000). *Forecasting total telecommunications market in Australia: Telstra's market share*. Monash University Statistics; Econometrics Consulting Service.

63. Grose, S, & Hyndman, RJ. (2000). *Forecasting monthly electricity demand*. Monash University Statistics; Econometrics Consulting Service.

64. Hyndman, RJ. (2000). *Analysis of normative data from the recognition subtest in paediatric optometry*. Monash University Statistics; Econometrics Consulting Service.

65. Hyndman, RJ, & Fry, TRL. (2000). *Brand and reputation model for key metrics*. Monash University Statistics; Econometrics Consulting Service.

66. Strachan, R, & Hyndman, RJ. (2000). *Forecasting total telecommunications market in Australia: Retain revenue forecasts on a product cluster basis*. Monash University Statistics; Econometrics Consulting Service.

67. Akram, M, Fry, TRL, & Hyndman, RJ. (2001). *An evaluation of the InvestorWeb Limited Investment Risk Analyser*. Monash University Statistics; Econometrics Consulting Service.

68. Forbes, CS, & Hyndman, RJ. (2001). *Nonparametric measures of association for questionnaire data*. Monash University Statistics; Econometrics Consulting Service.

69. Hyndman, RJ. (2001). *Comments on the evaluation of injury management pilot programs*. Monash University Statistics; Econometrics Consulting Service.

70. Hyndman, RJ. (2001). *Analysis of GCE and JC data for Swaziland students: 1997–2000*. Monash University Statistics; Econometrics Consulting Service.

71. Hyndman, RJ. (2001). *Analysis of visual training data*. Monash University Statistics; Econometrics Consulting Service.

72. Hyndman, RJ. (2001). *Catholic Church Life Survey 2001: Sampling design*. Monash University Statistics; Econometrics Consulting Service.

73. Hyndman, RJ, & Abeyewardene, K. (2001). *Comments on the injury management pilot cost/benefit analysis*. Monash University Statistics; Econometrics Consulting Service.

74. Hyndman, RJ, & Abeyewardene, K. (2001). *Evaluation of injury management pilots*. Monash University Statistics; Econometrics Consulting Service.

75. Hyndman, RJ, & de Silva, A. (2001). *Student perception of education effectiveness in Swaziland*. Monash University Statistics; Econometrics Consulting Service.

76. Hyndman, RJ, Forbes, CS, & de Silva, A. (2001). *Reducing the "Learning improves networking communities" questionnaire*. Monash University Statistics; Econometrics Consulting Service.

77. Hyndman, RJ, & Shenstone, L. (2001). *Statistical analysis of postgraduate completions*. Monash University Statistics; Econometrics Consulting Service.

78. Forbes, CS, Gordon-Brown, L, & Hyndman, RJ. (2002). *Expert review of emissions projections methodology*. Monash University Business; Economic Forecasting Unit.

79. Hyndman, RJ, Gordon-Brown, L, Akram, Md, & Brown, P. (2002). *Review of current arrangements for producing PBS forward estimates*. Monash University Business; Economic Forecasting Unit.

80. Hyndman, RJ, & Shenstone, L. (2002). *Statistical analysis of postgraduate completion rates: 1992 cohort*. Monash University Statistics; Econometrics Consulting Service.

81. Hyndman, RJ. (2003). *Statistical forecasting of weekly e-TAG failures*. Monash University Business; Economic Forecasting Unit.

82. Hyndman, RJ. (2003). *Uncertainty in the Dynamic Underkeel Clearance System*. Monash University Statistics; Econometrics Consulting Service.

83. Hyndman, RJ. (2003). *Spectral analysis of pollen data*. Monash University Statistics; Econometrics Consulting Service.

84. Hyndman, RJ, & Akram, M. (2003). *Automation of weekly forecasting of e-TAG failures*. Monash University Business; Economic Forecasting Unit.

85. Hyndman, RJ, & Akram, M. (2003). *Evaluation of an Investment Risk Profiler*. Monash University Statistics; Econometrics Consulting Service.

86. Hyndman, RJ, & Akram, M. (2003). *Price optimization: Elasticity modelling*. Monash University Statistics; Econometrics Consulting Service.

87. Hyndman, RJ, & Shenstone, L. (2003). *Analysis of the RTS allocations formula*. Monash University Statistics; Econometrics Consulting Service.

88. Hyndman, RJ. (2004). *Analysis of NPS lipids interventions*. Monash University Statistics; Econometrics Consulting Service.

89. Hyndman, RJ. (2004). *Models for analysing residential electricity consumption in the Kingdom of Saudi Arabia*. Monash University Business; Economic Forecasting Unit.

90. Hyndman, RJ. (2004). *Forecasts of child protection notifications for the 2003 birth cohort*. Monash University Business; Economic Forecasting Unit.

91. Hyndman, RJ. (2004). *Areas for improvement: The Monash Experience Questionnaire*. Monash University Statistics; Econometrics Consulting Service.

92. Hyndman, RJ. (2004). *Forecasting listerine mouth wash sales by volume*. Monash University Business; Economic Forecasting Unit.

93. Hyndman, RJ. (2004). *Analysis of IB scaling: 2001–2003*. Monash University Statistics; Econometrics Consulting Service.

94. Hyndman, RJ. (2004). *Dynamic regression models for the advertising/sales relationship*. Monash University Business; Economic Forecasting Unit.

95. Hyndman, RJ, & Akram, M. (2004). *Upgrade of Investment Risk Analyser: Data analysis*. Monash University Statistics; Econometrics Consulting Service.

96. Hyndman, RJ, & Akram, M. (2004). *Analysis of NPS antihypertensive interventions*. Monash University Statistics; Econometrics Consulting Service.

97. Hyndman, RJ, & Akram, M. (2004). *Analysis of NPS NSAID interventions*. Monash University Statistics; Econometrics Consulting Service.

98. Hyndman, RJ, & Akram, M. (2004). *Analysis of NPS antibiotics interventions*. Monash University Statistics; Econometrics Consulting Service.

99. Hyndman, RJ, & Akram, M. (2004). *Analysis of NPS diabetes interventions*. Monash University Statistics; Econometrics Consulting Service.

100. Hyndman, RJ, & Akram, M. (2004). *Analysis of hypertensive interventions*. Monash University Statistics; Econometrics Consulting Service.

101. Hyndman, RJ, & Akram, M. (2004). *Analysis of hypertensive interventions (thiazides)*. Monash University Statistics; Econometrics Consulting Service.

102. Hyndman, RJ, & de Silva, A. (2004). *Modelling the effect of stress and personality on strain*. Monash University Statistics; Econometrics Consulting Service.

103. Hyndman, RJ, & de Silva, A. (2004). *A statistical analysis of the Monash Experience Questionnaire*. Monash University Statistics; Econometrics Consulting Service.

104. Hyndman, RJ, Diamond, NT, & de Silva, A. (2004). *A review of the methodology for identifying potential risky agents*. Monash University Statistics; Econometrics Consulting Service.

105. Hyndman, RJ, & Gunn, L. (2004). *Statistical modelling of trade-by-trade price movements*. Monash University Statistics; Econometrics Consulting Service.

106. Hyndman, RJ, & Gunn, L. (2004). *Analysis of trades as a binary time series*. Monash University Statistics; Econometrics Consulting Service.

107. de Silva, A, & Hyndman, RJ. (2005). *Statistical analysis of 2005 Unit Evaluation Questionnaires*. Monash University Statistics; Econometrics Consulting Service.

108. Diamond, NT, & Hyndman, RJ. (2005). *Sample size for maternal and child health service evaluation*. Monash University Statistics; Econometrics Consulting Service.

109. Diamond, NT, & Hyndman, RJ. (2005). *The Monash Experience Questionnaire 2003: The best and worst for first year students*. Monash University Statistics; Econometrics Consulting Service.

110. Diamond, NT, & Hyndman, RJ. (2005). *The Monash Experience Questionnaire 2003: First year students*. Monash University Statistics; Econometrics Consulting Service.

111. Diamond, NT, & Hyndman, RJ. (2005). *The Monash Experience Questionnaire 2003: The best and worst*. Monash University Statistics; Econometrics Consulting Service.

112. Hyndman, RJ. (2005). *Analysis of NPS programs for antibiotics using decaying intervention models*. Monash University Statistics; Econometrics Consulting Service.

113. Hyndman, RJ. (2005). *Analysis of NPS programs for COX-2s using decaying intervention models*. Monash University Statistics; Econometrics Consulting Service.

114. Hyndman, RJ. (2005). *Analysis of NPS programs for Proton Pump Inhibitors using decaying intervention models*. Monash University Statistics; Econometrics Consulting Service.

115. Hyndman, RJ. (2005). *Analysis of NPS programs for Tramadol using decaying intervention models*. Monash University Statistics; Econometrics Consulting Service.

116. Hyndman, RJ. (2005). *Analysis of 2004 ITI data*. Monash University Statistics; Econometrics Consulting Service.

117. Hyndman, RJ. (2005). *Some comments on the DEST analysis and LTPF allocations*. Monash University Statistics; Econometrics Consulting Service.

118. Hyndman, RJ, & Akram, M. (2005). *Forecasting New Zealand prisoners*. Monash University Business; Economic Forecasting Unit.

119. Hyndman, RJ, & Akram, M. (2005). *Analysis of NPS programs for antihypertensives using decaying intervention models*. Monash University Statistics; Econometrics Consulting Service.

120. Hyndman, RJ, & Akram, M. (2005). *Analysis of NPS programs for asthma using decaying intervention models*. Monash University Statistics; Econometrics Consulting Service.

121. de Silva, A, & Hyndman, RJ. (2006). *Factors that influence student preference in commerce degrees*. Monash University Statistics; Econometrics Consulting Service.

122. Diamond, N, & Hyndman, RJ. (2006). *Forecasting demand in a product hierarchy*. Monash University Business; Economic Forecasting Unit.

123. Diamond, NT, & Hyndman, RJ. (2006). *The Monash Experience Questionnaire 2005: The best and worst for first year students*. Monash University Statistics; Econometrics Consulting Service.

124. Diamond, NT, & Hyndman, RJ. (2006). *The Monash Experience Questionnaire 2005: The best and worst*. Monash University Statistics; Econometrics Consulting Service.

125. Diamond, NT, & Hyndman, RJ. (2006). *The Monash Experience Questionnaire 2005: 2005 vs pre-2005 students*. Monash University Statistics; Econometrics Consulting Service.

126. Diamond, NT, & Hyndman, RJ. (2006). *The Monash Experience Questionnaire 2005: A statistical analysis*. Monash University Statistics; Econometrics Consulting Service.

127. Diamond, N, & Hyndman, RJ. (2006). *Analysis of Parks Victoria staff allocation*. Monash University Statistics; Econometrics Consulting Service.

128. Hyndman, RJ. (2006). *Review of ACT University Admission Index calculation*. Monash University Statistics; Econometrics Consulting Service.

129. Hyndman, RJ. (2006). *Review of EDQUM savings methodology*. Monash University Statistics; Econometrics Consulting Service.

130. Hyndman, RJ. (2006). *The predictive value of GAT scores on first year performance*. Monash University Statistics; Econometrics Consulting Service.

131. Hyndman, RJ. (2006). *Analysis of 2005 ITI data*. Monash University Statistics; Econometrics Consulting Service.

132. Hyndman, RJ. (2006). *Comments on the LTPF 2006 discussion paper*. Monash University Statistics; Econometrics Consulting Service.

133. Hyndman, RJ. (2006). *Measuring accuracy in forecasts of entitlement caseloads*. Monash University Business; Economic Forecasting Unit.

134. Hyndman, RJ, & Erbas, B. (2006). *Analysis of NPS programs for asthma using intervention models*. Monash University Statistics; Econometrics Consulting Service.

135. Hyndman, RJ, & Erbas, B. (2006). *Analysis of NPS programs for antidepressants using intervention models*. Monash University Statistics; Econometrics Consulting Service.

136. Hyndman, RJ, & Erbas, B. (2006). *Analysis of NPS programs for antibiotics using intervention models*. Monash University Statistics; Econometrics Consulting Service.

137. Hyndman, RJ, & Erbas, B. (2006). *Analysis of NPS programs for Clopidogrel using intervention models*. Monash University Statistics; Econometrics Consulting Service.

138. Hyndman, RJ, & Erbas, B. (2006). *Analysis of NPS programs for COX-2s using intervention models*. Monash University Statistics; Econometrics Consulting Service.

139. Hyndman, RJ, & Erbas, B. (2006). *Analysis of NPS programs for HRT using intervention models*. Monash University Statistics; Econometrics Consulting Service.

140. Hyndman, RJ, & Erbas, B. (2006). *Analysis of NPS programs for hypertension using intervention models*. Monash University Statistics; Econometrics Consulting Service.

141. Hyndman, RJ, & Erbas, B. (2006). *Analysis of NPS programs for Proton Pump Inhibitors using intervention models*. Monash University Statistics; Econometrics Consulting Service.

142. Hyndman, RJ. (2007). *Extended models for long-term peak half-hourly electricity demand for South Australia*. Monash University Business; Economic Forecasting Unit.

143. Hyndman, RJ. (2007). *Forecasts of long-term peak half-hourly electricity demand for South Australia*. Monash University Business; Economic Forecasting Unit.

144. Hyndman, RJ. (2007). *Nominal ENTER scores predicted by GAT components*. Monash University Statistics; Econometrics Consulting Service.

145. Hyndman, RJ. (2007). *Analysis of 2006 ITI data*. Monash University Statistics; Econometrics Consulting Service.

146. Hyndman, RJ, & Erbas, B. (2007). *Analysis of NPS programs for Proton Pump Inhibitors using intervention models*. Monash University Statistics; Econometrics Consulting Service.

147. Hyndman, RJ, & Erbas, B. (2007). *Analysis of NPS programs for antidepressants using intervention models*. Monash University Statistics; Econometrics Consulting Service.

148. Hyndman, RJ, & Erbas, B. (2007). *Analysis of NPS programs for antibiotics using intervention models*. Monash University Statistics; Econometrics Consulting Service.

149. Hyndman, RJ, & Erbas, B. (2007). *Analysis of NPS programs for Clopidogrel using intervention models*. Monash University Statistics; Econometrics Consulting Service.

150. Hyndman, RJ, & Erbas, B. (2007). *Analysis of NPS programs for COX-2s using intervention models*. Monash University Statistics; Econometrics Consulting Service.

151. Hyndman, RJ, & Erbas, B. (2007). *Analysis of NPS programs for antihypertensives using intervention models*. Monash University Statistics; Econometrics Consulting Service.

152. Hyndman, RJ, & Erbas, B. (2007). *Analysis of NPS programs for antithrombotics using intervention models*. Monash University Statistics; Econometrics Consulting Service.

153. Hyndman, RJ, & Sztendur, E. (2007). *Modelling long-term peak half-hourly electricity demand for South Australia*. Monash University Business; Economic Forecasting Unit.

154. Hyndman, RJ, Sztendur, E, & McSharry, PE. (2007). *Simulating half-hour temperatures at Kent Town, South Australia*. Monash University Business; Economic Forecasting Unit.

155. Fan, S, & Hyndman, RJ. (2008). *The price elasticity of electricity demand in South Australia and Victoria*. Monash University Business; Economic Forecasting Unit.

156. Fan, S, & Hyndman, RJ. (2008). *Modelling Victorian electricity demand using multiple and incomplete temperature sources*. Monash University Business; Economic Forecasting Unit.

157. Hyndman, RJ. (2008). *A critique of two chocolate-colour association surveys*. Monash University Statistics; Econometrics Consulting Service.

158. Hyndman, RJ. (2008). *Evaluating peak demand forecasts*. Monash University Business; Economic Forecasting Unit.

159. Hyndman, RJ. (2008). *Comments on "Forecasts of South Australian annual electricity sales and electrical energy requirement 2007/08 to 2017/18"*. Monash University Business; Economic Forecasting Unit.

160. Hyndman, RJ. (2008). *Comments on "South Australian winter peak electricity demand forecasts 2008 to 2018"*. Monash University Business; Economic Forecasting Unit.

161. Hyndman, RJ. (2008). *Nominal ENTER scores predicted by GAT components: 2008 analysis*. Monash University Statistics; Econometrics Consulting Service.

162. Hyndman, RJ. (2008). *Analysis of 2007 ITI data*. Monash University Statistics; Econometrics Consulting Service.

163. Hyndman, RJ. (2008). *Review of the Pharmaceutical Benefits Scheme forecasts: 2005–2007*. Monash University Business; Economic Forecasting Unit.

164. Hyndman, RJ, & Fan, S. (2008). *Variations on seasonal bootstrapping for temperature simulation*. Monash University Business; Economic Forecasting Unit.

165. Hyndman, RJ, & Fan, S. (2008). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Monash University Business; Economic Forecasting Unit.

166. Hyndman, RJ, & Fan, S. (2008). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Monash University Business; Economic Forecasting Unit.

167. Hyndman, RJ, & Fan, S. (2008). *Modelling peak half-hourly electricity demand for Western Australia*. Monash University Business; Economic Forecasting Unit.

168. Hyndman, RJ, & Fan, S. (2008). *Assessment of the model for peak half-hourly electricity demand for Western Australia*. Monash University Business; Economic Forecasting Unit.

169. Hyndman, RJ, & Fan, S. (2008). *Forecasting long-term peak half-hourly electricity demand for Western Australia*. Monash University Business; Economic Forecasting Unit.

170. Choi, C, Hyndman, RJ, Smith, L, & Zhao, K. (2009). *An enhanced mortality database for estimating indigenous life expectancy: A feasibility study*. Australian Institute for Health; Welfare.

171. Fan, S, & Hyndman, RJ. (2009). *Forecasting long-term peak half-hourly electricity demand for the distribution network of South Australia*. Monash University Business; Economic Forecasting Unit.

172. Hyndman, RJ. (2009). *Nominal ENTER scores predicted by GAT components: 2009 analysis*. Monash University Statistics; Econometrics Consulting Service.

173. Hyndman, RJ. (2009). *Estimation of IB prerequisites*. Monash University Statistics; Econometrics Consulting Service.

174. Hyndman, RJ. (2009). *Analysis of 2008 ITI data*. Monash University Statistics; Econometrics Consulting Service.

175. Hyndman, RJ, & Fan, S. (2009). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Monash University Business; Economic Forecasting Unit.

176. Hyndman, RJ, & Fan, S. (2009). *Modelling and forecasting short-term half-hourly electricity demand for South Australia and Victoria*. Monash University Business; Economic Forecasting Unit.

177. Hyndman, RJ, & Fan, S. (2009). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Monash University Business; Economic Forecasting Unit.

178. Hyndman, RJ, & Fan, S. (2009). *Forecasting long-term electricity and gas demand for Victoria*. Monash University Business; Economic Forecasting Unit.

179. Chisholm, C, & Hyndman, RJ. (2010). *Regression with non-stationary variables*. Monash University Business; Economic Forecasting Unit.

180. Fan, S, & Hyndman, RJ. (2010). *Performance of short-term electricity demand model from 30 December 2009 to 20 January 2010*. Monash University Business; Economic Forecasting Unit.

181. Fan, S, & Hyndman, RJ. (2010). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Monash University Business; Economic Forecasting Unit.

182. Hyndman, RJ. (2010). *Nominal ATAR scores predicted by GAT components: 2010 analysis*. Monash University Statistics; Econometrics Consulting Service.

183. Hyndman, RJ. (2010). *Analysis of 2009 ITI data*. Monash University Statistics; Econometrics Consulting Service.

184. Hyndman, RJ, & Fan, S. (2010). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Monash University Business; Economic Forecasting Unit.

185. Hyndman, RJ, & Fan, S. (2010). *Modelling annual electricity demand for south australia and victoria*. Monash University Business; Economic Forecasting Unit.

186. Lowe, L, Manivasakan, M, Lang, S, & Hyndman, RJ. (2010). *Review of Flumegate and Dethridge meter studies*. Monash University Statistics; Econometrics Consulting Service.

187. Fan, S, & Hyndman, RJ. (2011). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Monash University Business; Economic Forecasting Unit.

188. Fan, S, & Hyndman, RJ. (2011). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Monash University Business; Economic Forecasting Unit.

189. Fan, S, & Hyndman, RJ. (2011). *Peak electricity demand and energy growth in Western Australia*. Monash University Business; Economic Forecasting Unit.

190. Hyndman, RJ. (2011). *Review of the impact of correlations in the ACT scaling process*.

191. Hyndman, RJ. (2011). *Analysis of 2010 ITI data*. Monash University Statistics; Econometrics Consulting Service.

192. Hyndman, RJ. (2011). *Review of transpower's electricity demand forecasting methods*.

193. Hyndman, RJ, & Fan, S. (2011). *Forecasting long-term peak half-hourly electricity demand for Western Australia*. Monash University Business; Economic Forecasting Unit.

194. Choi, C, Hyndman, RJ, Smith, L, Zhao, K, & Dugbaza, T. (2012). *An enhanced mortality database for estimating indigenous life expectancy: A feasibility study*. www.aihw.gov.au/publication-detail/?id=10737422286

195. Fan, S, & Hyndman, RJ. (2012). *Forecasting long-term peak half-hourly electricity demand for Queensland*. Monash University Business; Economic Forecasting Unit.

196. Fan, S, & Hyndman, RJ. (2012). *Forecasting long-term peak half-hourly electricity demand for New South Wales*. Monash University Business; Economic Forecasting Unit.

197. Fan, S, & Hyndman, RJ. (2012). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Monash University Business; Economic Forecasting Unit.

198. Fan, S, & Hyndman, RJ. (2012). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Monash University Business; Economic Forecasting Unit.

199. Fan, S, & Hyndman, RJ. (2012). *Forecasting long-term peak half-hourly electricity demand for Tasmania*. Monash University Business; Economic Forecasting Unit.

200. Hyndman, RJ. (2012). *Analysis of 2011 ITI data*. Monash University Statistics; Econometrics Consulting Service.

201. Hyndman, RJ. (2012). *Expert witness comments on haile-michael & ors vs konstantinidis & ors*.

202. Paterson, T, van der Berg, F, & Hyndman, RJ. (2012). *Primary growth partnership: Theme 4. Transformation of the manufacturing and supply chain review of work to date*.

203. Fan, S, & Hyndman, RJ. (2013). *Forecasting long-term peak half-hourly electricity demand for Tasmania*. Monash University Business; Economic Forecasting Unit.

204. Fan, S, & Hyndman, RJ. (2013). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Monash University Business; Economic Forecasting Unit.

205. Fan, S, & Hyndman, RJ. (2013). *Forecasting long-term peak half-hourly electricity demand for NSW*. Monash University Business; Economic Forecasting Unit.

206. Fan, S, & Hyndman, RJ. (2013). *Forecasting long-term peak half-hourly electricity demand for Queensland*. Monash University Business; Economic Forecasting Unit.

207. Fan, S, & Hyndman, RJ. (2013). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Monash University Business; Economic Forecasting Unit.

208. Hyndman, RJ. (2013). *Analysis of 2012 ITI data*. Monash University Statistics; Econometrics Consulting Service.

209. Hyndman, RJ. (2013). *Review of prison forecast report*.

210. Hyndman, RJ. (2013). *Review of tableau forecasting capabilities*.

211. Fan, S, & Hyndman, RJ. (2014). *Forecasting long-term peak half-hourly electricity demand for Tasmania*. Monash University Business; Economic Forecasting Unit.

212. Fan, S, & Hyndman, RJ. (2014). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Monash University Business; Economic Forecasting Unit.

213. Fan, S, & Hyndman, RJ. (2014). *Forecasting long-term peak half-hourly electricity demand for NSW*. Monash University Business; Economic Forecasting Unit.

214. Fan, S, & Hyndman, RJ. (2014). *Forecasting long-term peak half-hourly electricity demand for Queensland*. Monash University Business; Economic Forecasting Unit.

215. Fan, S, & Hyndman, RJ. (2014). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Monash University Business; Economic Forecasting Unit.

216. Hyndman, RJ. (2014). *Analysis of 2013 ITI data*. Monash University Statistics; Econometrics Consulting Service.

217. Hyndman, RJ. (2014). *Comments on "maximum demand forecasting for citipower and powercor"*. Monash University Business; Economic Forecasting Unit.

218. Hyndman, RJ. (2014). *Forecasting quarterly revenues with very short time series*.

219. Hyndman, RJ, & Fan, S. (2014). *Recent research progress in electricity demand modelling*. Monash University Business; Economic Forecasting Unit.

220. Fan, S, & Hyndman, RJ. (2015). *Forecasting long-term peak half-hourly electricity demand for Tasmania*. Monash University Business; Economic Forecasting Unit.

221. Fan, S, & Hyndman, RJ. (2015). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Monash University Business; Economic Forecasting Unit.

222. Fan, S, & Hyndman, RJ. (2015). *Forecasting long-term peak half-hourly electricity demand for NSW*. Monash University Business; Economic Forecasting Unit.

223. Fan, S, & Hyndman, RJ. (2015). *Forecasting long-term peak half-hourly electricity demand for Queensland*. Monash University Business; Economic Forecasting Unit.

224. Fan, S, & Hyndman, RJ. (2015). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Monash University Business; Economic Forecasting Unit.

225. Harrison, KJ, & Hyndman, RJ. (2015). *Modelling the participation function with a one-parameter family of cubic splines*. Monash University Statistics; Econometrics Consulting Service.

226. Hyndman, RJ. (2015). *Analysis of 2014 ITI data*. Monash University Statistics; Econometrics Consulting Service.

227. Hyndman, RJ, & Fan, S. (2015). *Monash electricity forecasting model*. Monash University Business; Economic Forecasting Unit.

228. Sarder, M, & Hyndman, RJ. (2015). *Factors influencing university success outcomes*. Monash University Statistics; Econometrics Consulting Service.

229. Sarder, M, & Hyndman, RJ. (2015). *Factors influencing university success outcomes in the Faculty of Art, Design and Architecture*. Monash University Statistics; Econometrics Consulting Service.

230. Sarder, M, & Hyndman, RJ. (2015). *Factors influencing university success outcomes in the Faculty of Arts*. Monash University Statistics; Econometrics Consulting Service.

231. Sarder, M, & Hyndman, RJ. (2015). *Factors influencing university success outcomes in the Faculty of Medicine, Nursing and Health Sciences*. Monash University Statistics; Econometrics Consulting Service.

232. Sarder, M, & Hyndman, RJ. (2015). *Factors influencing university success outcomes in the Faculty of Law*. Monash University Statistics; Econometrics Consulting Service.

233. Sarder, M, & Hyndman, RJ. (2015). *Factors influencing university success outcomes in the Faculty of Science*. Monash University Statistics; Econometrics Consulting Service.

234. Sarder, M, & Hyndman, RJ. (2015). *Factors influencing university success outcomes in the Faculty of Education*. Monash University Statistics; Econometrics Consulting Service.

235. Sarder, M, & Hyndman, RJ. (2015). *Factors influencing university success outcomes in the Faculty of Business and Economics*. Monash University Statistics; Econometrics Consulting Service.

236. Sarder, M, & Hyndman, RJ. (2015). *Factors influencing university success outcomes in the Faculty of Pharmacy and Pharmaceutical Sciences*. Monash University Statistics; Econometrics Consulting Service.

237. Sarder, M, & Hyndman, RJ. (2015). *Factors influencing university success outcomes in the Faculty of Engineering*. Monash University Statistics; Econometrics Consulting Service.

238. Sarder, M, & Hyndman, RJ. (2015). *Factors influencing university success outcomes in the Faculty of Information Technology*. Monash University Statistics; Econometrics Consulting Service.

239. Sarder, M, & Hyndman, RJ. (2015). *Demographic profile of 2010 bachelor students: Attendance mode, course load & early failure*. Monash University Statistics; Econometrics Consulting Service.

240. Hyndman, RJ. (2016). *Analysis of 2015 ITI data*. Monash University Statistics; Econometrics Consulting Service.

241. Hyndman, RJ. (2017). *Analysis of 2016 ITI data*. Monash University Statistics; Econometrics Consulting Service.

242. Hyndman, RJ. (2018). *Analysis of 2017 ITI data*. Monash University Statistics; Econometrics Consulting Service.

243. O'Hara-Wild, M, Carmody, J, Hyndman, RJ, & Taieb, SB. (2018). *Exploratory data analysis for Huawei*. Monash University Statistics; Econometrics Consulting Service.

244. O'Hara-Wild, M, & Hyndman, RJ. (2018). *Applying state-of-the-art forecasting methods on Huawei's supply chain*. Monash University Statistics; Econometrics Consulting Service.

245. Taieb, SB, Hyndman, RJ, & Bergmeir, C. (2018). *A review of hierarchical forecasting*. Monash University Statistics; Econometrics Consulting Service.

246. Bui, Q, Bergmeir, C, Vahid, F, & Hyndman, RJ. (2019). *Exploratory analysis of Waterloo wind farm's WTGs*. Monash University Statistics; Econometrics Consulting Service.

247. Hyndman, RJ. (2019). *Analysis of 2018 ITI data*. Monash University Statistics; Econometrics Consulting Service.

248. Abolghasemi, M, Bergmeir, C, Hyndman, RJ, & Vahid, F. (2020). *Waterloo wind farm forecasting*. Monash University Statistics; Econometrics Consulting Service.

249. Bergmeir, C, Abolghasemi, M, Hyndman, RJ, & Vahid, F. (2020). *Wind power forecasting model – version 2*. Monash University Statistics; Econometrics Consulting Service.

250. Bui, Q, Bergmeir, C, Hyndman, RJ, & Vahid, F. (2020). *Solar power forecasting report*. Monash University Statistics; Econometrics Consulting Service.

251. Hyndman, RJ. (2020). *Analysis of 2019 ATAR data*. Monash University Statistics; Econometrics Consulting Service.

252. Raza, MQ, Chernikov, A, Bui, Q, Bergmeir, C, Vahid, F, & Hyndman, RJ. (2020). *Exploratory data analysis of Ross River solar farm*. Monash University Statistics; Econometrics Consulting Service.

Software (R packages)

1. Hyndman, RJ. (2019). *addb: Australian demographic data bank* (Version 3.225). http://pkg.robjhyndman.com/addb

2. Hyndman, RJ, Wang, E, & Laptev, N. (2018). *anomalous: Unusual time series detection* (Version 0.1.0). https://github.com/robjhyndman/anomalous

3. Verbesselt, J, Zeileis, A, & Hyndman, RJ. (2014). *bfast: Breaks for additive season and trend (BFAST)* (Version 1.5.7). https://CRAN.R-project.org/package=bfast

4. Eddelbuettel, D, Zahn, I, & Hyndman, RJ. (2020). *binb: 'binb' is not 'beamer'* (Version 0.0.6). https://CRAN.R-project.org/package=binb

5. Hyndman, RJ, & Yang, Y. (2019). *compenginets: Time series from http://www.comp-engine.org/timeseries/* (Version 0.1). https://github.com/robjhyndman/compenginets

6. Hyndman, RJ, Hyndman, T, Gray, C, Gupta, S, Gamakumara, P, & Whan, A. (2020). *cricketdata: International cricket data* (Version 0.0.3). https://github.com/ropenscilabs/cricketdata

7. Hyndman, RJ. (2019). *demography: Forecasting mortality, fertility, migration and population data* (Version 1.22). https://CRAN.R-project.org/package=demography

8. Signorell, A, Aho, K, Alfons, A, Anderegg, N, Aragon, T, Arachchige, C, Arppe, A, Baddeley, A, Barton, K, Bolker, B, Borchers, HW, Caeiro, F, Champely, S, Chessel, D, Chhay, L, Cummins, C, Dewey, M, Doran, HC, Dray, S, . . . Zeileis, A. (2020). *DescTools: Tools for descriptive statistics* (Version 0.99.38). https://CRAN.R-project.org/package=DescTools

9. Cook, D, Ebert, A, Forbes, J, Hofmann, H, Hyndman, RJ, Lumley, T, Marwick, B, Sievert, C, Sun, M, Talagala, D, Tierney, N, Tomasetti, N, Wang, E, Zhou, F, Commonwealth of Australia AEC, & Australian Bureau of Statistics ABS. (2019). *eechidna: Exploring election and census highly informative data nationally for australia* (Version 1.4.0). https://CRAN.R-project.org/package=eechidna

10. Villanova, L, Smith-Miles, K, & Hyndman., RJ. (2011). *emma: Evolutionary model-based multiresponse approach* (Version 0.1.0). https://CRAN.R-project.org/package=emma

11. Hyndman, RJ, & Carmody, J. (2015). *expsmooth: Data sets from "forecasting with exponential smoothing"* (Version 2.3). https://CRAN.R-project.org/package=expsmooth

12. O'Hara-Wild, M, Hyndman, RJ, Wang, E, Caceres, G, Tim-Gunnar, H, & Hyndman, T. (2020). *fable: Forecasting models for tidy time series* (Version 0.2.1). https://CRAN.R-project.org/package=fable

13. O'Hara-Wild, M, Hyndman, RJ, Wang, E, Cook, D, Athanasopoulos, G, & Holt, D. (2020). *fabletools: Core tools for packages in the 'fable' framework* (Version 0.2.1). https://CRAN.R-project.org/package=fabletools

14. O'Hara-Wild, M, & Hyndman, RJ. (2020). *fasster: Fast additive switching of seasonality, trend and exogenous regressors* (Version 0.1.0.9100). https://github.com/mitchelloharawild/fasster

15. Shang, HL, & Hyndman, RJ. (2018). *fds: Functional data sets* (Version 1.8). https://CRAN.R-project.org/package=fds

16. O'Hara-Wild, M, Hyndman, RJ, Wang, E, Cook, D, Talagala, T, & Chhay, L. (2020). *feasts: Feature extraction and statistics for time series* (Version 0.1.5). https://CRAN.R-project.org/package=feasts

17. Hyndman, RJ, & Carmody, J. (2020). *fma: Data sets from "forecasting: Methods and applications" by makridakis, wheelwright & hyndman (1998)* (Version 2.4). https://CRAN.R-project.org/package=fma

18. Hyndman, RJ, Athanasopoulos, G, Bergmeir, C, Caceres, G, Chhay, L, O'Hara-Wild, M, Petropoulos, F, Razbash, S, Wang, E, Yasmeen, F, R Core Team, Ihaka, R, Reid, D, Shaub, D, Tang, Y, & Zhou, Z. (2020). *forecast: Forecasting functions for time series and linear models* (Version 8.13). https://CRAN.R-project.org/package=forecast

19. Hyndman, RJ. (2013). *fpp: Data for "forecasting: Principles and practice"* (Version 0.5). https://CRAN.R-project.org/package=fpp

20. Hyndman, RJ, & RStudio. (2020). *fpp2: Data for "forecasting: Principles and practice" (2nd edition)* (Version 2.4). https://CRAN.R-project.org/package=fpp2

21. Hyndman, RJ, Athanasopoulos, G, O'Hara-Wild, M, & RStudio. (2020). *fpp3: Data for "forecasting: Principles and practice" (3rd edition)* (Version 0.3). https://CRAN.R-project.org/package=fpp3

22. Maechler, M, Fraley, C, Leisch, F, Reisen, V, Lemonte, A, & Hyndman, RJ. (2020). *fracdiff: Fractionally differenced ARIMA aka ARFIMA(p,d,q) models* (Version 1.5.1). https://CRAN.R-project.org/package=fracdiff

23. Hyndman, RJ, & Shang, HL. (2020). *ftsa: Functional time series analysis* (Version 5.9). https://CRAN.R-project.org/package=ftsa

24. Kang, Y, Li, F, Hyndman, RJ, O'Hara-Wild, M, & Zhao, B. (2020). *gratis: Generating time series with diverse and controllable characteristics* (Version 0.2.1). https://CRAN.R-project.org/package=gratis

25. Gupta, S, Hyndman, RJ, Cook, D, & Unwin, A. (2020). *gravitas: Explore probability distributions for bivariate temporal granularities* (Version 0.1.3). https://CRAN.R-project.org/package=gravitas

26. Hyndman, RJ, Einbeck, J, & Wand, M. (2018). *hdrcde: Highest density regions and conditional density estimation* (Version 3.3). https://CRAN.R-project.org/package=hdrcde

27. Hyndman, RJ, Lee, A, Wang, E, & Wickramasuriya, S. (2020). *hts: Hierarchical and grouped time series* (Version 6.0.1). https://CRAN.R-project.org/package=hts

28. Hyndman, RJ, Akram, M, Bergmeir, C, & O'Hara-Wild, M. (2018). *Mcomp: Data from the m-competitions* (Version 2.8). https://CRAN.R-project.org/package=Mcomp

29. Hyndman, RJ, & Fan, S. (2019). *MEFM: Monash electricity forecasting model* (Version 2.2). https://github.com/robjhyndman/MEFM-package

30. Hyndman, RJ. (2020). *MonashEBSTemplates: Monash EBS rmarkdown templates* (Version 0.2). https://github.com/robjhyndman/MonashEBSTemplates

31. Matamoros, AA, Nieto-Reyes, A, Hyndman, RJ, O'Hara-Wild, M, & A., T. (2020). *nortsTest: Assessing normality of stationary process* (Version 1.0.0). https://CRAN.R-project.org/package=nortsTest

32. Talagala, PD, Hyndman, RJ, & Smith-Miles, K. (2019). *oddstream: Outlier detection in data streams* (Version 0.5.0). https://CRAN.R-project.org/package=oddstream

33. Talagala, PD, & Hyndman, RJ. (2019). *oddwater: Outlier detection in data from water-quality sensors* (Version 0.7.0). https://github.com/pridiltal/oddwater

34. Hyndman, RJ, O'Hara-Wild, M, Roberts, J, & Tierney, N. (2018). *ozbabynames: Australian popular baby names* (Version 0.0.0.9000). https://github.com/ropenscilabs/ozbabynames

35. Shang, HL, & Hyndman, RJ. (2019). *rainbow: Bagplots, boxplots and rainbow plots for functional data* (Version 3.6). https://CRAN.R-project.org/package=rainbow

36. Hyndman, RJ, Brown, C, Fabian, B, Prokofieva, M, Tierney, N, Tong, HL, Vidoni, M, & Kashnitsky, I. (2020). *rcademy: Tools to assist with academic promotions* (Version 0.0.0.9000). https://github.com/ropenscilabs/Rcademy

37. Allaire, J, Xie, Y, McPherson, J, Luraschi, J, Ushey, K, Atkins, A, Wickham, H, Cheng, J, Chang, W, Iannone, R, Dunning, A, Yasumoto, A, Schloerke, B, Dervieux, C, Aust, F, Allen, J, Seo, J, Barrett, M, Hyndman, RJ, . . . Krewinkel, A. (2020). *rmarkdown: Dynamic documents for r* (Version 2.5). https://CRAN.R-project.org/package=rmarkdown

38. Crevits, R, Bergmeir, C, Hyndman, RJ, Ihaka, R, & R Core Team. (2018). *robets: Forecasting time series with robust exponential smoothing* (Version 1.4). https://CRAN.R-project.org/package=robets

39. Talagala, T, Hyndman, RJ, & Athanasopoulos, G. (2020). *seer: Feature-based forecast model selection* (Version 1.1.5). https://CRAN.R-project.org/package=seer

40. Dokumentov, A, & Hyndman, RJ. (2018). *smoothAPC: Smoothing of two-dimensional demographic data, optionally taking into account period and cohort effects* (Version 0.3). https://CRAN.R-project.org/package=smoothAPC

41. Dokumentov, A, & Hyndman, RJ. (2018). *stR: STR decomposition* (Version 0.4). https://CRAN.R-project.org/package=stR

42. Talagala, PD, Hyndman, RJ, & Smith-Miles, K. (2020). *stray: Anomaly detection in high dimensional and temporal data* (Version 0.1.1). https://CRAN.R-project.org/package=stray

43. Wang, E, Cook, D, & Hyndman, RJ. (2020). *sugrrants: Supporting graphs for analysing time series* (Version 0.2.8). https://CRAN.R-project.org/package=sugrrants

44. Hyndman, RJ, & Kourentzes, N. (2018). *thief: Temporal hierarchical forecasting* (Version 0.3). https://CRAN.R-project.org/package=thief

45. Hyndman, RJ. (2018). *tscompdata: Time series data from various forecasting competitions* (Version 0.0.1). https://github.com/robjhyndman/tscompdata

46. Hyndman, RJ, & Yang, Y. (2020). *tsdl: Time series data library* (Version 0.1.0). https://finyang.github.io/tsdl/

47. Hyndman, RJ, Kang, Y, Montero-Manso, P, Talagala, T, Wang, E, Yang, Y, O'Hara-Wild, M, Ben Taieb, S, Hanqing, C, Lake, DK, Laptev, N, & Moorman, JR. (2020). *tsfeatures: Time series feature extraction* (Version 1.0.2). https://CRAN.R-project.org/package=tsfeatures

48. Wang, E, Cook, D, Hyndman, RJ, O'Hara-Wild, M, & Smith, T. (2020). *tsibble: Tidy temporal data frames and tools* (Version 0.9.3). https://CRAN.R-project.org/package=tsibble

49. O'Hara-Wild, M, Hyndman, RJ, & Wang, E. (2020). *tsibbledata: Diverse datasets for 'tsibble'* (Version 0.2.0). https://CRAN.R-project.org/package=tsibbledata

50. O'Hara-Wild, M, Hyndman, RJ, Xie, Y, Krewinkel, A, & Seo, J. (2020). *vitae: Curriculum vitae for r markdown* (Version 0.2.2). https://CRAN.R-project.org/package=vitae