

# Rob J Hyndman

Curriculum Vitae  
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## 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 Dwrights 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 204 papers, chapters or books on statistical topics (listed on pages 5–13).
- 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 22–24). There have been 36 million downloads of my packages since 2015 (to 4 August 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, Melbourne, 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". <i>Funding from Commonwealth Department of Health and Ageing</i>	\$55,341
2004–2006	Martin, Snyder, Hyndman. "New approaches to the analysis of count time series". <i>Funding from ARC Discovery Grant</i>	\$172,317
2004–2008	Hyndman. "Analysis of NPS interventions". <i>Funding from National Prescribing Service</i>	\$120,000
2006–2010	Hyndman, Athanasopoulos. "Tourism forecasting". <i>Funding from Tourism Australia</i>	\$312,017
2007	Hyndman. "Peak energy demand forecasting for South Australia". <i>Funding from Electricity Supply Industry Planning Council</i>	\$78,045
2008–2010	Hyndman. "The price elasticity of electricity demand in South Australia and Victoria". <i>Funding from Victorian Energy Corporation</i>	\$450,000
2009–2011	Erbas, Abramson, Tang, Allen, Newbiggin, Dharmage, Hyndman. "The impact of outdoor aeroallergen exposure on asthma exacerbations in children and adolescents". <i>Funding from National Health and Medical Research Council</i>	\$454,550
2011–2013	Hyndman, Fan. "Development of electricity peak demand and energy forecasts for the SWIS". <i>Funding from Independent Market Operator (Western Australia)</i>	\$93,450
2011–2015	Hyndman. "Energy demand forecasting". <i>Funding from Australian Energy Market Operator</i>	\$864,200
2013–2016	Smith-Miles, Hyndman, Villanova, Kah. "Optimising experimental design for robust product development: a cast study for high-efficiency energy generation". <i>Funding from ARC Linkage Grant</i>	\$362,389
2014–2017	Panagiotelis, Athanasopoulos, Hyndman, Vahid. "Macroeconomic forecasting in a "Big Data" world". <i>Funding from ARC Discovery Grant</i>	\$451,034
2017–2018	Hyndman, Ben Taieb, Bergmeir. "Demand forecasting for large-scale dynamic hierarchies in a big data environment". <i>Funding from Huawei Innovation Research Program</i>	\$86,586
2017–2019	Smith-Miles, Hyndman, Munoz Acosta, Katsifolis. "Intruder Alert! Detecting and classifying events in noisy time series". <i>Funding from ARC Linkage Grant</i>	\$204,000
2017–2019	Hyndman, Cook. "RiskLab Projects: Econometrics". <i>Funding from RiskLab at Data61</i>	\$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". <i>Funding from Australian Research Council</i>	\$20,000,000
2019	Hyndman, Bergmeir. "DeepForecast: Leveraging forecasts on large scales of related time series". <i>Funding from Facebook</i>	\$70,000
2019–2020	Bergmeir, Vahid, Hyndman. "Application of advanced short term power generation forecasting technology for wind and solar farms". <i>Funding from Advisian</i>	\$499,753
2019–2022	Mengersen, Hyndman, Petersen, McGree, Turner, Maxwell, Lique, Jones. "Revolutionising water-quality monitoring in the information age". <i>Funding from ARC Linkage Grant</i>	\$729,855
2020–2022	Martin, Frazier, Hyndman, Maneesoonthorn. "Loss-based Bayesian prediction". <i>Funding from ARC Discovery Grant</i>	\$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)". <i>Funding from ARC Industrial Transformation Training Centre</i>	\$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/](http://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 250 written consulting reports (listed on pages 13–22).
- 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, RA Davis, and RJ Hyndman (1991). *ITSM: an interactive time series modelling package for the PC*. New York: Springer-Verlag.
2. Brockwell, PJ, RA Davis, and RJ Hyndman (1994). *ITSM for Windows: a users guide to time series modelling and forecasting*. New York: Springer-Verlag.
3. Makridakis, SG, SC Wheelwright, and R Hyndman (1998). *Forecasting: methods and applications*. 3rd ed. New York: John Wiley & Sons. [robjhyndman.com/forecasting/](http://robjhyndman.com/forecasting/).
4. Hyndman, RJ, AB Koehler, JK Ord, and RD Snyder (2008). *Forecasting with exponential smoothing: the state space approach*. Berlin: Springer-Verlag. [www.exponentialsMOOTHING.net](http://www.exponentialsMOOTHING.net).
5. Hyndman, RJ (2015). *Unbelievable*. Scotts Valley, CA: CreateSpace. [robjhyndman.com/unbelievable](http://robjhyndman.com/unbelievable).
6. Hyndman, RJ and G Athanasopoulos (2018). *Forecasting: principles and practice*. 2nd ed. Melbourne, Australia: OTexts. [OTexts.org/fpp2](http://OTexts.org/fpp2).

### Refereed research papers

1. Brockwell, PJ, RJ Hyndman, and GK Grunwald (1991). Continuous time threshold autoregressive models. *Statistica Sinica* **1**, 401–410.
2. Brockwell, PJ and RJ Hyndman (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, DM Bashtannyk, and GK Grunwald (1996). Estimating and visualizing conditional densities. *J Computational & Graphical Statistics* **5**(4), 315–336.
8. Hyndman, RJ and Y Fan (1996). Sample quantiles in statistical packages. *The American Statistician* **50**(4), 361–365.
9. Grunwald, GK, K Hamza, and RJ Hyndman (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 and MP Wand (1997). Nonparametric autocovariance function estimation. *The Australian Journal of Statistics* **39**(3), 313–324.
11. Lajbcygier, P, A Flitman, A Swan, and R Hyndman (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 and RJ Hyndman (1998). Smoothing non-Gaussian time series with autoregressive structure. *Computational Statistics and Data Analysis* **28**, 171–191.
13. Fraccaro, R, RJ Hyndman, and A Veevers (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, RJ Hyndman, LM Tedesco, and RL Tweedie (2000). Non-Gaussian conditional linear AR(1) models. *Australian & New Zealand Journal of Statistics* **42**(4), 479–495.
15. Hyndman, RJ and GK Grunwald (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 and RJ Hyndman (2001). Bandwidth selection for kernel conditional density estimation. *Computational Statistics & Data Analysis* **36**(3), 279–298.
17. Erbas, B and RJ Hyndman (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, CJ Krebs, K Danell, and RJ Hyndman (2001). Cycles and synchrony in the Collared Lemming (*Dicrostonyx groenlandicus*) in Arctic North America. *Oecologia* **126**(2), 216–224.

20. Cai, T, RJ Hyndman, and MP Wand (2002). Mixed model-based hazard estimation. *J Computational & Graphical Statistics* **11**(4), 784–798.
21. Hyndman, RJ, AB Koehler, RD Snyder, and S Grose (2002). A state space framework for automatic forecasting using exponential smoothing methods. *International Journal of Forecasting* **18**(3), 439–454.
22. Hyndman, RJ and Q Yao (2002). Nonparametric estimation and symmetry tests for conditional density functions. *Journal of Nonparametric Statistics* **14**(3), 259–278.
23. Racine, JS and RJ Hyndman (2002). Using R to teach econometrics. *Journal of Applied Econometrics* **17**(2), 175–189.
24. Hall, PG and RJ Hyndman (2003). Improved methods for bandwidth selection when estimating ROC curves. *Statistics & Probability Letters* **64**(2), 181–189.
25. Hyndman, RJ and MB Billah (2003). Unmasking the Theta method. *International Journal of Forecasting* **19**(2), 287–290.
26. Rateau, F, B Laumonier, and RJ Hyndman (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, RJ Hyndman, and Y Fan (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, RJ Hyndman, and SN Wood (2004). Spline interpolation for demographic variables: the monotonicity problem. *Journal of Population Research* **21**(1), 95–98.
30. Snyder, RD, AB Koehler, RJ Hyndman, and JK Ord (2004). Exponential smoothing models: means and variances for lead-time demand. *European Journal of Operational Research* **158**(2), 444–455.
31. Billah, MB, RJ Hyndman, and AB Koehler (2005). Empirical information criteria for time series forecasting model selection. *Journal of Statistical Computation and Simulation* **75**(10), 831–840.
32. Erbas, B and RJ Hyndman (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, ML King, I Pitrun, and MB Billah (2005). Local linear forecasts using cubic smoothing splines. *Australian & New Zealand Journal of Statistics* **47**(1), 87–99.
34. Hyndman, RJ, AB Koehler, JK Ord, and R Snyder (2005). Prediction intervals for exponential smoothing using two new classes of state space models. *Journal of Forecasting* **24**(1), 17–37.
35. Shenstone, L and RJ Hyndman (2005). Stochastic models underlying Croston's method for intermittent demand forecasting. *Journal of Forecasting* **24**(6), 389–402.
36. Booth, H, RJ Hyndman, L Tickle, and P de Jong (2006). Lee-Carter mortality forecasting: a multi-country comparison of variants and extensions. *Demographic Research* **15**(9), 289–310.
37. de Gooijer, JG and RJ Hyndman (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 and AB Koehler (2006). Another look at measures of forecast accuracy. *International Journal of Forecasting* **22**(4), 679–688.
40. Kostenko, AV and RJ Hyndman (2006). A note on the categorization of demand patterns. *The Journal of the Operational Research Society* **57**(10), 1256–1257.
41. Mandryk, JA, JM Mackson, FE Horn, SE Wutzke, CA Badcock, RJ Hyndman, and LM Weekes (2006). Measuring change in prescription drug utilization in Australia. *Pharmacoepidemiology and Drug Safety* **15**(7), 477–484.
42. Meyer, D and RJ Hyndman (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, KA Smith-Miles, and RJ Hyndman (2006). Characteristic-based clustering for time series data. *Data Mining and Knowledge Discovery* **13**(3), 335–364.
44. Ye, A and RJ Hyndman (2006). Projection pursuit estimator for multivariate conditional densities (Chinese). *J. Fuzhou Univ. Nat. Sci. Ed.* **34**(6), 794–797.
45. Zhang, X, ML King, and RJ Hyndman (2006). A Bayesian approach to bandwidth selection for multivariate kernel density estimation. *Computational Statistics & Data Analysis* **50**(11), 3009–3031.
46. Erbas, B, JH Chang, SC Dharmage, EK Ong, RJ Hyndman, E Newbigin, and MJ Abramson (2007). Do levels of airborne grass pollen influence asthma hospital admissions? *Clinical and Experimental Allergy* **37**(11), 1641–1647.

47. Erbas, B, RJ Hyndman, and DM Gertig (2007). Forecasting age-specific breast cancer mortality using functional data models. *Statistics in Medicine* **26**(2), 458–470.
48. Horn, FE, JA Mandryk, JM Mackson, SE Wutzke, LM Weekes, and RJ Hyndman (2007). Measurement of changes in antihypertensive drug utilisation following primary care educational interventions. *Pharmacoepidemiology and Drug Safety* **16**(3), 297–308.
49. Hyndman, RJ and AV Kostenko (2007). Minimum sample size requirements for seasonal forecasting models. *Foresight: the International Journal of Applied Forecasting* **6**, 12–15.
50. Hyndman, RJ and S Ullah (2007). Robust forecasting of mortality and fertility rates: A functional data approach. *Computational Statistics & Data Analysis* **51**(10), 4942–4956.
51. Kim, JH, P Silvapulle, and RJ Hyndman (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 and RJ Hyndman (2008). Modelling and forecasting Australian domestic tourism. *Tourism Management* **29**(1), 19–31.
53. Gould, PG, AB Koehler, F Vahid, RD Snyder, JK Ord, and RJ Hyndman (2008). Forecasting time series with multiple seasonal patterns. *European Journal of Operational Research* **191**(1), 205–220.
54. Hyndman, RJ, M Akram, and BC Archibald (2008). The admissible parameter space for exponential smoothing models. *Annals of the Institute of Statistical Mathematics* **60**(2), 407–426.
55. Hyndman, RJ and H Booth (2008). Stochastic population forecasts using functional data models for mortality, fertility and migration. *International Journal of Forecasting* **24**(3), 323–342.
56. Hyndman, RJ and Y Khandakar (2008). Automatic time series forecasting: the forecast package for R. *Journal of Statistical Software* **26**(3), 1–22.
57. Magnano, L, JW Boland, and RJ Hyndman (2008). Generation of synthetic sequences of half-hourly temperature. *Environmetrics* **19**(8), 818–835.
58. Akram, M, RJ Hyndman, and JK Ord (2009). Exponential smoothing and non-negative data. *Australian & New Zealand Journal of Statistics* **51**(4), 415–432.
59. Athanasopoulos, G, RA Ahmed, and RJ Hyndman (2009). Hierarchical forecasts for Australian domestic tourism. *International Journal of Forecasting* **25**(1), 146–166.
60. de Silva, A, RJ Hyndman, and RD Snyder (2009). A multivariate innovations state space Beveridge-Nelson decomposition. *Economic Modelling* **26**(5), 1067–1074.
61. Hyndman, RJ and HL Shang (2009). Forecasting functional time series (with discussion). *Journal of the Korean Statistical Society* **38**(3), 199–221.
62. Ord, JK, AB Koehler, RD Snyder, and R Hyndman (2009). Monitoring processes with changing variances. *International Journal of Forecasting* **25**(3), 518–525.
63. Wang, X, KA Smith-Miles, and RJ Hyndman (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, RJ Hyndman, and RD Snyder (2010). The vector innovations structural time series framework: a simple approach to multivariate forecasting. *Statistical Modelling* **10**(4), 353–374.
65. Erbas, B, M Akram, DM Gertig, D English, JL Hopper, AM Kavanagh, and RJ Hyndman (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 and S Fan (2010). Density forecasting for long-term peak electricity demand. *IEEE Transactions on Power Systems* **25**(2), 1142–1153.
67. Hyndman, RJ and HL Shang (2010). Rainbow plots, bagplots and boxplots for functional data. *J Computational & Graphical Statistics* **19**(1), 29–45.
68. Kolassa, S and RJ Hyndman (2010). Free open-source forecasting using R. *Foresight: the International Journal of Applied Forecasting* **17**, 19–24.
69. Verbesselt, J, RJ Hyndman, G Newnham, and D Culvenor (2010). Detecting trend and seasonal changes in satellite image time series. *Remote Sensing of Environment* **114**(1), 106–115.
70. Verbesselt, J, RJ Hyndman, A Zeileis, and D Culvenor (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, RJ Hyndman, and B Erbas (2010). Forecasting age-related changes in breast cancer mortality among white and black US women. *Cancer Epidemiology* **32**(5), 542–549.
72. Athanasopoulos, G and RJ Hyndman (2011). The value of feedback in forecasting competitions. *International Journal of Forecasting* **27**(3), 845–849.



73. Athanasopoulos, G, RJ Hyndman, H Song, and DC Wu (2011). The tourism forecasting competition. *International Journal of Forecasting* **27**(3), 822–844.
74. Carta, D, L Villanova, S Costacurta, A Patelli, I Poli, S Vezzù, P Scopece, F Lisi, K Smith-Miles, RJ Hyndman, AJ Hill, and P Falcaro (2011). Method for optimizing coating properties based on an evolutionary algorithm approach. *Analytical Chemistry* **83**(16), 6373–6380.
75. De Livera, AM, RJ Hyndman, and RD Snyder (2011). Forecasting time series with complex seasonal patterns using exponential smoothing. *J American Statistical Association* **106**(496), 1513–1527.
76. Fan, S and RJ Hyndman (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, RA Ahmed, G Athanasopoulos, and HL Shang (2011). Optimal combination forecasts for hierarchical time series. *Computational Statistics & Data Analysis* **55**(9), 2579–2589.
79. Kim, JH, I Fraser, and RJ Hyndman (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, J Beringer, N Nicholls, RJ Hyndman, and NJ Tapper (2011). Quantifying the influence of local meteorology on air quality using generalized additive models. *Atmospheric Environment* **45**(6), 1328–1336.
81. Pearce, JL, J Beringer, N Nicholls, RJ Hyndman, P Uotila, and NJ Tapper (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, H Booth, and RJ Hyndman (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 and RJ Hyndman (2011). Nonparametric time series forecasting with dynamic updating. *Mathematics and Computers in Simulation* **81**(7), 1310–1324.
84. Erbas, B, SC Dharmage, MO Sullivan, M Akram, E Newbiggin, P Taylor, D Vicendese, RJ Hyndman, P Bardin, ML Tang, and MJ Abramson (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* **57**(018).
85. Erbas, B, S Ullah, RJ Hyndman, M Scollo, and MJ Abramson (2012). Forecasts of COPD mortality in Australia: 2006–2025. *BMC Medical Research Methodology* **12**(1), 17.
86. Fan, S and RJ Hyndman (2012). Short-term load forecasting based on a semi-parametric additive model. *IEEE Transactions on Power Systems* **27**(1), 134–141.
87. Hyndman, RJ, H Booth, and F Yasmeen (2013). Coherent mortality forecasting: the product-ratio method with functional time series models. *Demography* **50**(1), 261–283.
88. Ben Taieb, S and RJ Hyndman (2014). A gradient boosting approach to the Kaggle load forecasting competition. *International Journal of Forecasting* **30**(2), 382–394.
89. Hyndman, RJ and G Athanasopoulos (2014). Optimally reconciling forecasts in a hierarchy. *Foresight Fall 2014*, 42–48.
90. Tham, R, S Dharmage, P Taylor, E Newbiggin, MLK Tang, D Vicendese, RJ Hyndman, MJ Abramson, and B Erbas (2014). Outdoor fungal spores are associated with child asthma hospitalisations — a case-crossover study. *European Respiratory Journal* **44**(Suppl 58).
91. Erbas, B, SC Dharmage, ML Tang, M Akram, KJ Allen, D Vicendese, JM Davies, RJ Hyndman, EJ Newbiggin, PE Taylor, PG Bardin, and MJ Abramson (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, MB Mesgaran, and RD Cousens (2015). Statistical issues with using herbarium data for the estimation of invasion lag-phases. *Biological Invasions* **17**(12), 3371–3381.
94. Ben Taieb, S, R Huser, RJ Hyndman, and MG Genton (2016). Forecasting uncertainty in electricity smart meter data by boosting additive quantile regression. *IEEE Transactions on Smart Grid* **7** (5), 2448–2455.
95. Bergmeir, C, RJ Hyndman, and JM Benitez (2016). Bagging exponential smoothing methods using STL decomposition and Box-Cox transformation. *International Journal of Forecasting* **32**(2), 303–312.
96. Hong, T, P Pinson, S Fan, H Zareipour, A Troccoli, and RJ Hyndman (2016). Probabilistic Energy Forecasting: Global Energy Forecasting Competition 2014 and Beyond. *International Journal of Forecasting* **32**(3), 896–913.
97. Hyndman, RJ, A Lee, and E Wang (2016). Fast computation of reconciled forecasts for hierarchical and grouped time series. *Computational Statistics & Data Analysis* **97**, 16–32.



98. Pearce, JL, M Hyer, RJ Hyndman, M Loughnan, M Dennekamp, and N Nicholls (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, RJ Hyndman, N Kourentzes, and F Petropoulos (2017). Forecasting with temporal hierarchies. *European Journal of Operational Research* **262**(1), 60–74.
100. Goodwin, P, F Petropoulos, and RJ Hyndman (2017). A note on upper bounds for forecast-value-added relative to naïve forecasts. *Journal of the Operational Research Society* **68** (9), 1082–1084.
101. Kang, Y, RJ Hyndman, and K Smith-Miles (2017). Visualising forecasting algorithm performance using time series instance spaces. *International Journal of Forecasting* **33**(2), 345–358.
102. Shang, HL and RJ Hyndman (2017). Grouped functional time series forecasting: an application to age-specific mortality rates. *J Computational & Graphical Statistics* **26**(2), 330–343.
103. Steponavičė, I, RJ Hyndman, K Smith-Miles, and L Villanova (2017). Dynamic Algorithm Selection for Pareto Optimal Set Approximation. *Journal of Global Optimization* **67** (1), 263–282.
104. Studdert, DM, Y Zhang, JA Rodden, RJ Hyndman, and GJ Wintemute (2017). Handgun acquisitions in California after two mass shootings. *Annals of Internal Medicine* **166**(10), 698–706.
105. Tham, R, D Vicendese, SC Dharmage, RJ Hyndman, E Newbiggin, E Lewis, M O’Sullivan, AJ Lowe, P Taylor, P Bardin, ML Tang, MJ Abramson, and B Erbas (2017). Associations between outdoor fungal spores and childhood and adolescent asthma hospitalisations. *Journal of Allergy and Clinical Immunology* **139** (4), 1140–1147.e4.
106. Bergmeir, C, RJ Hyndman, and B Koo (2018). A note on the validity of cross-validation for evaluating autoregressive time series prediction. *Computational Statistics & Data Analysis* **120**, 70–83.
107. Dokumentov, A, RJ Hyndman, and L Tickle (2018). Bivariate smoothing of mortality surfaces with cohort and period ridges. *Stat* **7**(e199).
108. Hyndman, RJ, XA Lin, and P Pinson (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, RJ Hyndman, and C Bergmeir (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, G Athanasopoulos, RJ Hyndman, and S Wang (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, O Alsibai, RJ Hyndman, S Kandanaarachchi, OC King, JM McGree, C Neelamraju, J Strauss, PD Talagala, RS Turner, K Mengersen, and EE Peterson (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.
112. Leigh, C, S Kandanaarachchi, JM McGree, RJ Hyndman, O Alsibai, K Mengersen, and EE Peterson (2019). Predicting sediment and nutrient concentrations in rivers using high frequency water quality surrogates. *PLOS ONE* **14** (8), e0215503.
113. Panagiotelis, A, G Athanasopoulos, RJ Hyndman, B Jiang, and F Vahid (2019). Macroeconomic forecasting for Australia using a large number of predictors. *International Journal of Forecasting* **35**(2), 616–633.
114. Talagala, PD, RJ Hyndman, C Leigh, K Mengersen, and K Smith-Miles (2019). A feature-based procedure for detecting technical outliers in water-quality data from in situ sensors. *Water Resources Research* **55** (11), 8547–8568.
115. Wickramasuriya, SL, G Athanasopoulos, and RJ Hyndman (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, JW Taylor, and RJ Hyndman (2020). Hierarchical Probabilistic Forecasting of Electricity Demand with Smart Meter Data. *J American Statistical Association*. published online. Accepted 21 February 2020.
117. Forbes, J, D Cook, and RJ Hyndman (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.
118. Hyndman, RJ (2020). A brief history of forecasting competitions. *International Journal of Forecasting* **36**(1), 7–14.
119. Kandanaarachchi, S and RJ Hyndman (2020). Dimension reduction for outlier detection using DOBIN. *J Computational & Graphical Statistics*. to appear.
120. Kandanaarachchi, S, RJ Hyndman, and K Smith-Miles (2020). Early classification of spatio-temporal events using time-varying models. *PLOS ONE*. in press. Accepted 11 July 2020.
121. Kandanaarachchi, S, MA Muñoz, RJ Hyndman, and K Smith-Miles (2020). On normalization and algorithm selection for unsupervised outlier detection. *Data Mining and Knowledge Discovery* **34**, 309–354.
122. Kang, Y, RJ Hyndman, and F Li (2020). GRATIS: GeneRAting Time Series with diverse and controllable characteristics. *Statistical Analysis and Data Mining* **13**(4), 354–376.
123. Makridakis, S, RJ Hyndman, and F Petropoulos (2020). Forecasting in social settings: the state of the art. *International Journal of Forecasting* **36**(1), 15–28.

124. Montero-Manso, P, G Athanasopoulos, RJ Hyndman, and TS Talagala (2020). FFORMA: Feature-based Forecast Model Averaging. *International Journal of Forecasting* **36**(1), 86–92.
125. Panagiotelis, A, P Gamakumara, G Athanasopoulos, and RJ Hyndman (2020). Forecast reconciliation: A geometric view with new insights on bias correction. *International Journal of Forecasting*. in press. Accepted 12 June 2020.
126. Talagala, PD, RJ Hyndman, K Smith-Miles, S Kandanaarachchi, and MA Muñoz (2020). Anomaly detection in streaming nonstationary temporal data. *J Computational & Graphical Statistics* **20** (1), 13–27.
127. Vicendese, D, LT Marvelde, PD McNair, SB Taieb, RJ Hyndman, and R Thomas (2020). Hospital characteristics, rather than surgical volume, predict length of stay following colorectal cancer surgery. *Australian and New Zealand Journal of Public Health* **44** (1), 73–82.
128. Wang, E, D Cook, and RJ Hyndman (2020). A new tidy data structure to support exploration and modeling of temporal data. *J Computational & Graphical Statistics*. published online. Accepted 22 November 2019.
129. Wang, E, D Cook, and RJ Hyndman (2020). Calendar-based graphics for visualizing people's daily schedules. *J Computational & Graphical Statistics*. published online. Accepted 13 January 2020.
130. Wickramasuriya, SL, BA Turlach, and RJ Hyndman (2020). Optimal non-negative forecast reconciliation. *Statistics & Computing*. published online. Accepted 6 February 2020.

### Book chapters

1. Axford, RL, GK Grunwald, and RJ Hyndman (1995). "Information technology in research". In: *Health informatics: an overview*. Ed. by E Hovenga, M Kidd, and B Cesnik. Churchill Livingstone.
2. Hyndman, RJ (2002). "ARIMA processes". In: *The Informed Student Guide to Management Science*. Ed. by H Daellenbach and R Flood. Cengage Learning Business Press, pp.27–28.
3. Hyndman, RJ (2002). "Box-Jenkins modelling". In: *The Informed Student Guide to Management Science*. Ed. by H Daellenbach and R Flood. Cengage Learning Business Press, pp.42–43.
4. Hyndman, RJ and RD Snyder (2002). "Kalman Filter". In: *The Informed Student Guide to Management Science*. Ed. by H Daellenbach and R Flood. Cengage Learning Business Press, pp.162.
5. Hyndman, RJ and HL Shang (2008). "Bagplots, boxplots and outlier detection for functional data". In: *Functional and Operatorial Statistics*. Ed. by S Dabo-Niang and F Ferraty. Springer, pp. 201–207.
6. Hyndman, RJ (2010). "Business forecasting methods". In: *International Encyclopedia of Statistical Science*. Ed. by M Lovric. Springer, pp.185–187.
7. Hyndman, RJ (2010). "Forecasting overview". In: *International Encyclopedia of Statistical Science*. Ed. by M Lovric. Springer, pp.536–539.
8. Hyndman, RJ (2010). "Moving averages". In: *International Encyclopedia of Statistical Science*. Ed. by M Lovric. Springer, pp.866–869.
9. Booth, H, RJ Hyndman, and L Tickle (2014). "Prospective Life Tables". In: *Computational Actuarial Science with R*. Ed. by A Charpentier. Chapman & Hall/CRC. Chap. 8, pp. 323–348.
10. Hyndman, RJ (2015). "Another look at forecast-accuracy metrics for intermittent demand". In: *Business Forecasting: Practical Problems and Solutions*. Ed. by M Gilliland, L Tashman, and U Sglavo. John Wiley & Sons. Chap. 3.8, pp. 204–211.
11. Hyndman, RJ (2015). "Measuring forecast accuracy". In: *Business Forecasting: Practical Problems and Solutions*. Ed. by M Gilliland, L Tashman, and U Sglavo. John Wiley & Sons. Chap. 3.4, pp. 177–184.
12. Steponavičė, I, M Shirazi-Manesh, RJ Hyndman, K Smith-Miles, and L Villanova (2016). "On sampling methods for costly multi-objective black-box optimization". In: *Advances in Stochastic and Deterministic Global Optimization*. Ed. by PM Pardalos, A Zhigljavsky, and J Žilinskas. New York: Springer, pp. 273–296.
13. Vicendese, D, LT Marvelde, PD McNair, SB Taieb, RJ Hyndman, and R Thomas (2019). "Predicting the whole distribution with methods for depth data analysis demonstrated on a colorectal cancer treatment study". In: *Statistics and Data Science*. Ed. by H Nguyen. Vol. 1150. Communications in Computer and Information Science. Singapore: Springer, pp. 162–182.
14. Athanasopoulos, G, P Gamakumara, A Panagiotelis, RJ Hyndman, and M Affan (2020). "Hierarchical forecasting". In: *Macroeconomic forecasting in the era of big data*. Ed. by P Fuleky. Springer. Chap. 21, pp. 689–719. [robjhyndman.com/publications/hierarchical-forecasting](https://robjhyndman.com/publications/hierarchical-forecasting).

### Papers in refereed conference proceedings

1. Hyndman, RJ (1987). Calculating the odds. In: *Faces of gambling, Proceedings of the second national conference of the National Association for Gambling Studies (1986)*. Ed. by M Walker, pp.139–152.
2. Hyndman, RJ (1999). Nonparametric additive regression models for binary time series. In: *Proceedings, 1999 Australasian Meeting of the Econometric Society*. 7–9 July 2009. University of Technology, Sydney.

3. Erbas, B and RJ Hyndman (2001). Statistical methodological issues in studies of air pollution and respiratory disease. In: *New Trends in Statistical Modelling: Proceedings of the 16th International Workshop on Statistical Modelling*. Ed. by B Klein and L Korsholm. University of Southern Denmark, Denmark. July 2001, pp.179–186.
4. Hyndman, RJ and S Ullah (2005). Robust forecasting of mortality and fertility rates: A functional data approach. In: *Proceedings, 55th session of the International Statistical Institute*. Sydney, Australia, April 2005.
5. Wang, X, KA Smith-Miles, and RJ Hyndman (2005). Dimension reduction for clustering time series using global characteristics. In: *Lecture Notes in Computer Science, Vol.3516. Proceedings, Computational Science – ICCS 2005: 5th International Conference*. Vol. 3516. 22-25 May 2005. Atlanta, GA, USA: Springer, pp.792–795.
6. Shang, HL and RJ Hyndman (2009). Nonparametric time series forecasting with dynamic updating. In: *18th World IMAS/MODSIM Congress*. July. Cairns, Australia. 13-17 July 2009.
7. Fan, S and RJ Hyndman (2010). Short-term load forecasting based on a semi-parametric additive model. In: *Proceedings, 20th Australasian Universities Power Engineering Conference*.
8. Shang, HL and RJ Hyndman (2010). Exploratory graphics for functional data. In: *Proceedings, Interface 2010: Computing Science and Statistics*. Seattle, Washington, June 16–19.
9. Villanova, L, P Falcaro, D Carta, I Poli, RJ Hyndman, and KA Smith-Miles (2010). Functionalization of microarray devices: process optimization using a multiobjective PSO and multiresponse MARS modeling. In: *Proceedings. 2010 IEEE congress on evolutionary computation*. July 2010. Barcelona, Spain.
10. Ben Taieb, S and RJ Hyndman (2014). Boosting multi-step autoregressive forecasts. In: *Proceedings of The 31st International Conference on Machine Learning*. Beijing, China. June 2014, pp.109–117. [jmlr.org/proceedings/papers/v32/taieb14.pdf](http://jmlr.org/proceedings/papers/v32/taieb14.pdf).
11. Hyndman, RJ and F Yasmien (2014). Common functional principal component models for mortality forecasting. In: *Contributions in infinite-dimensional statistics and related topics*. Ed. by EG Bongiorno, E Salinelli, A Goia, and P Vieu. Chap. 29, pp.161–166.
12. Steponavičė, I, RJ Hyndman, K Smith-Miles, and L Villanova (2014). Efficient identification of the Pareto optimal set. In: *Learning and Intelligent Optimization: Lecture Notes in Computer Science*. Vol. 8426. Springer, pp.341–352.
13. Hyndman, RJ, E Wang, and N Laptev (2015). Large-scale unusual time series detection. In: *Proceedings of the IEEE International Conference on Data Mining*. Atlantic City, NJ, USA. 14–17 November 2015.
14. Ben Taieb, S, JW Taylor, and RJ Hyndman (2017). Coherent probabilistic forecasts for hierarchical time series. In: *Proceedings of the 34th International Conference on Machine Learning, PMLR*. Vol. 70, pp.3348–3357.
15. Hirsch, M, D Cook, P Lajbcygier, and RJ Hyndman (2019). Revealing high-frequency trading provision of liquidity with visualization. In: *Proceedings of the 2nd International Conference on Software Engineering and Information Management*. Bali, Indonesia. 10-13 January 2019: ACM, pp.157–165. [robjhyndman.com/publications/hft-liquidity](http://robjhyndman.com/publications/hft-liquidity).
16. Severinsen, A and RJ Hyndman (2019). Quantification of energy savings from energy conservation measures in buildings using machine learning. In: *ECEEE Summer Study Proceedings*. 3-8 June 2019. Presqu'île de Giens, France.

#### Working papers under revision or review

1. Ye, A, RJ Hyndman, and Z Li (2006). *Local linear multivariate regression with variable bandwidth in the presence of heteroscedasticity*. Working paper 08/06. Department of Econometrics & Business Statistics, Monash University. [robjhyndman.com/papers/hetero.pdf](http://robjhyndman.com/papers/hetero.pdf).
2. Ouwehand, P, RJ Hyndman, TG de Kok, and KH van Donselaar (2007). *A state space model for exponential smoothing with group seasonality*. Working paper 07/07. Department of Econometrics & Business Statistics, Monash University.
3. Ben Taieb, S and RJ Hyndman (2012). *Recursive and direct multi-step forecasting: the best of both worlds*. Working paper 19/12. Department of Econometrics & Business Statistics, Monash University. [robjhyndman.com/publications/rectify/](http://robjhyndman.com/publications/rectify/).
4. Dokumentov, A and RJ Hyndman (2014). *Low-dimensional decomposition, smoothing and forecasting of sparse functional data*. Working paper 16/14. Department of Econometrics & Business Statistics, Monash University. [robjhyndman.com/publications/ropes/](http://robjhyndman.com/publications/ropes/).
5. Ben Taieb, S, R Huser, RJ Hyndman, and MG Genton (2015). *Probabilistic time series forecasting with boosted additive models: an application to smart meter data*. Working paper 12/15. Department of Econometrics & Business Statistics, Monash University. [robjhyndman.com/publications/kdd2015](http://robjhyndman.com/publications/kdd2015).
6. Dokumentov, A and RJ Hyndman (2015). *STR: A seasonal-trend decomposition procedure based on regression*. Working paper 13/15. Department of Econometrics & Business Statistics, Monash University. [robjhyndman.com/publications/str/](http://robjhyndman.com/publications/str/).
7. Jiang, B, A Panagiotelis, G Athanasopoulos, RJ Hyndman, and F Vahid (2016). *Bayesian rank selection in multivariate regression*. Working paper 05/16. Department of Econometrics & Business Statistics, Monash University. [robjhyndman.com/publications/bayesian-rank-selection-in-multivariate-regression/](http://robjhyndman.com/publications/bayesian-rank-selection-in-multivariate-regression/).

8. Url, T, RJ Hyndman, and A Dokumentov (2016). *Long-term forecasts of age-specific participation rates with functional data models*. Working paper 03/16. Department of Econometrics & Business Statistics, Monash University. [robjhyndman.com/publications/participation-rates/](http://robjhyndman.com/publications/participation-rates/).
9. Behlul, T, A Panagiotelis, G Athanasopoulos, RJ Hyndman, and F Vahid (2017). *The Australian Macro Database: An online resource for macroeconomic research in Australia*. Working paper 17/01. Department of Econometrics & Business Statistics, Monash University. [robjhyndman.com/publications/ausmacrodata](http://robjhyndman.com/publications/ausmacrodata).
10. Gamakumara, P, A Pangiotelis, G Athanasopoulos, and RJ Hyndman (2018). *Probabilistic forecasts in hierarchical time series*. Working Paper 11/18. Department of Econometrics & Business Statistics, Monash University. [robjhyndman.com/publications/coherentprob/](http://robjhyndman.com/publications/coherentprob/).
11. Talagala, TS, RJ Hyndman, and G Athanasopoulos (2018). *Meta-learning how to forecast time series*. Working Paper 6/18. Department of Econometrics & Business Statistics, Monash University. [robjhyndman.com/publications/fforms/](http://robjhyndman.com/publications/fforms/).
12. Abolghasemi, M, RJ Hyndman, G Tarr, and C Bergmeir (2019). *Machine learning applications in time series hierarchical forecasting*. Tech. rep. [arxiv.org/abs/1912.00370](https://arxiv.org/abs/1912.00370).
13. Ashouri, M, RJ Hyndman, and G Shmueli (2019). *Fast forecast reconciliation using linear models*. Working Paper 29/19. Department of Econometrics & Business Statistics, Monash University. [robjhyndman.com/publications/lhf](http://robjhyndman.com/publications/lhf).
14. Eckert, F, RJ Hyndman, and A Panagiotelis (2019). *Forecasting Swiss exports using Bayesian forecast reconciliation*. Working Paper 457. ETH Zurich. [robjhyndman.com/publications/swiss-exports/](http://robjhyndman.com/publications/swiss-exports/).
15. Talagala, PD, RJ Hyndman, and K Smith-Miles (2019). *Anomaly detection in high-dimensional data*. Working Paper. Department of Econometrics & Business Statistics, Monash University. [robjhyndman.com/publications/stray/](http://robjhyndman.com/publications/stray/).
16. Ullah, I, K Mengersen, RJ Hyndman, and J McGree (2019). "Detection of cybersecurity attacks through analysis of web browsing activities using principal component analysis". [robjhyndman.com/publications/ndis-anomalies/](http://robjhyndman.com/publications/ndis-anomalies/).
17. Zamani, A, H Haghbin, M Hashemi, and RJ Hyndman (2019). *Seasonal functional autoregressive models*. Working Paper 16/19. Department of Econometrics & Business Statistics, Monash University. [robjhyndman.com/publications/sfar/](http://robjhyndman.com/publications/sfar/).
18. Golding, N, FM Shearer, R Moss, P Dawson, D Liu, JV Ross, RJ Hyndman, C Zachreson, N Geard, J McVernon, DJ Price, and JM McCaw (2020). *Estimating temporal variation in transmission of SARS-CoV-2 and physical distancing behaviour in Australia*. Tech. rep. [robjhyndman.com/publications/covid19/](http://robjhyndman.com/publications/covid19/).
19. Li, H and RJ Hyndman (2020). *Assessing Longevity Inequality in the US: What Can Be Said About the Future?* Tech. rep. [robjhyndman.com/publications/us-longevity/](http://robjhyndman.com/publications/us-longevity/).
20. Spiliotis, E, M Abolghasemi, RJ Hyndman, F Petropoulos, and V Assimakopoulos (2020). *Hierarchical forecast reconciliation with machine learning*. Tech. rep. [robjhyndman.com/publications/hfrml/](http://robjhyndman.com/publications/hfrml/).
21. Wang, X, Y Kang, RJ Hyndman, and F Li (2020). *Distributed ARIMA Models for Ultra-long Time Series*. Tech. rep. [robjhyndman.com/publications/darima/](http://robjhyndman.com/publications/darima/).

## Book reviews

1. Hyndman, RJ (1996). Book review of "Kernel smoothing" (Wand and Jones, 1995). In: *Journal of Applied Statistics* vol. 23, pp. 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). In: *Australian & New Zealand Journal of Statistics* vol. 403, pp. 382–383.
3. Hyndman, RJ (1998). Book review of "Smoothing methods in statistics" (Simonoff, 1996). In: *Australian & New Zealand Journal of Statistics* vol. 402, pp. 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). In: *Australian & New Zealand Journal of Statistics* vol. 412, pp. 252–253.
5. Hyndman, RJ (1999). Book review of "Chance encounters: a first course in data analysis and inference" (Wild and Seber, 2000). In: *Australian & New Zealand Journal of Statistics* vol. 414, pp. 493–495.
6. Hyndman, RJ (1999). Book review of "Statistically speaking: a dictionary of quotations" (Gaither and Cavazos-Gaither, 1996). In: *Australian & New Zealand Journal of Statistics* vol. 413, pp. 380–382.
7. Hyndman, RJ (2000). *Nonparametric Econometrics* by A. Pagan and A. Ullah (Cambridge University Press, Cambridge, UK, 1999), pp.xviii+424. In: *The Economic Record* vol. 76, pp. 309–311.
8. Erbas, B and RJ Hyndman (2005). Book review of "Data analysis and graphics using R: an example-based approach" (Maindonald and Braun, 2003). In: *Journal of Population Research* vol. 222, pp. 206–208.

## Editorials

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

2. Hyndman, RJ and JK Ord (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 and RJ Hyndman (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 and RJ Hyndman (1986). *Report No. 49: Classical Blackjack*. Statistical Consulting Centre, University of Melbourne.
2. Brown, TC and RJ Hyndman (1986). *Report No. 50: Coin Toss*. Statistical Consulting Centre, University of Melbourne.
3. Brown, TC and RJ Hyndman (1986). *Report No. 51: 20/22 Keno*. Statistical Consulting Centre, University of Melbourne.
4. Brown, TC and RJ Hyndman (1986). *Report No. 58: Coin Toss II*. Statistical Consulting Centre, University of Melbourne.
5. Brown, TC and RJ Hyndman (1986). *Report No. 59: Super-8-Ways*. Statistical Consulting Centre, University of Melbourne.
6. Brown, TC and RJ Hyndman (1986). *Report No. 61: Keno II*. Statistical Consulting Centre, University of Melbourne.
7. Brown, TC and RJ Hyndman (1986). *Report No. 68: Super-8-Ways (with a joker)*. Statistical Consulting Centre, University of Melbourne.
8. Brown, TC and RJ Hyndman (1986). *Report No. 69: Five Ways*. Statistical Consulting Centre, University of Melbourne.
9. Brown, TC and RJ Hyndman (1986). *Report No. 44: Stud Poker*. Statistical Consulting Centre, University of Melbourne.
10. Brown, TC and RJ Hyndman (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 and TC Brown (1987). *Report No. 83: Comments on Draw Poker VII*. Statistical Consulting Centre, University of Melbourne.
13. Hyndman, RJ and K Sharpe (1987). *Report No. 100: Draw Poker IX*. Statistical Consulting Centre, University of Melbourne.
14. Hyndman, RJ and K Sharpe (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*. Report for Telecom Australia.
16. Hyndman, RJ (1988). *Local Call Holding Times*. Report for Telecom Australia.
17. Dickinson, T and RJ Hyndman (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*. Report for Mid Eastern Palliative Care Association. Spice consulting.
23. Hyndman, RJ and RG Jarrett (1989). *Report No. 155: Modelling Financial Market Behaviour*. Statistical Consulting Centre, University of Melbourne.
24. Hyndman, RJ and RG Jarrett (1989). *Report No. 182: Survey of Professional and Staff Development Needs*. Statistical Consulting Centre, University of Melbourne.



25. Jarrett, RG and RJ Hyndman (1989). *Report No. 148: Personnel Industry Survey*. Statistical Consulting Centre, University of Melbourne.
26. Jarrett, RG and RJ Hyndman (1989). *Report No. 154: Maternal Temperament and Coping Scale*. Statistical Consulting Centre, University of Melbourne.
27. Sharpe, K and RJ Hyndman (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*. Report for Mid-Eastern Palliative Care Association. 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*. Report for Mid Eastern Palliative Care Association. 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 and Statistical Services.
42. Hyndman, RJ and FK Hurst (1995). *Analysis of needle protector trial data: AV fistula needle protector in haemodialysis units*. Monash University Statistical Consulting Service.
43. Hyndman, RJ and FK Hurst (1995). *Analysis of needle protector trial data: AV fistula needle protector in apheresis units of BTS*. Monash University Statistical Consulting Service.
44. Hyndman, RJ and FK Hurst (1995). *Analysis of needle protector trial data: bloodpack needle protector*. Monash University Statistical Consulting Service.
45. Hyndman, IT and RJ Hyndman (1995). *Palliative Care Case Finding Survey*. Spice consulting.
46. Hyndman, RJ (1996). *Work done for Olympic Amusements Pty Ltd*. Data Analysis and Statistical Services.
47. Hyndman, RJ and D Arachige (1996). *Tax agent program for individual tax payers: review of claims on work-related expenses*. Monash University Statistical Consulting Service.
48. Hyndman, RJ and D Arachige (1996). *Risk factors for melanoma*. Monash University Statistical Consulting Service.
49. Hyndman, RJ and T Nguyen (1996). *The effect of bird mix on growers*. Monash University Statistical Consulting Service.
50. Hyndman, RJ, L Thomas, and PI McCloud (1996). *Interim report for microbiological diagnostic unit, Department of Microbiology, University of Melbourne*. Monash University Statistical Consulting Service.
51. Arachige, D and RJ Hyndman (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 and Statistical Services.
53. Hyndman, RJ (1997). *Comments on alleged anomalies in the Work Related Expenses audit program*. Data Analysis and Statistical Services.
54. Hyndman, RJ (1997). *Review of CQU Report on Work Related Expense audit*. Data Analysis and Statistical Services.

55. McCloud, PI, RJ Hyndman, and D Arachige (1997). *Immunogenicity and clinical tolerability of FLUVAX inactivated influenza vaccine (split virion) on elderly adults*. Monash University Statistical Consulting Service.
56. McCloud, PI, RJ Hyndman, and D Arachige (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 and 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*. Report for Centre for Advanced Materials Technology. Monash University Statistics and Econometrics Consulting Service.
61. Hyndman, RJ (1999). *Review of personal loan application decision model*. Report for National Australia Bank. Monash University Statistics and Econometrics Consulting Service.
62. Abeyewardene, K and RJ Hyndman (2000). *Forecasting total telecommunications market in Australia: Telstra's market share*. Report for Telstra Australia. Monash University Statistics and Econometrics Consulting Service.
63. Grose, S and RJ Hyndman (2000). *Forecasting monthly electricity demand*. Report for TXU Australia Pty Ltd. Monash University Statistics and Econometrics Consulting Service.
64. Hyndman, RJ (2000). *Analysis of normative data from the recognition subtest in paediatric optometry*. Report for Howard, Croucher and Associates. Monash University Statistics and Econometrics Consulting Service.
65. Hyndman, RJ and TRL Fry (2000). *Brand and reputation model for key metrics*. Report for Telstra Australia. Monash University Statistics and Econometrics Consulting Service.
66. Strachan, R and RJ Hyndman (2000). *Forecasting total telecommunications market in Australia: retain revenue forecasts on a product cluster basis*. Report for Telstra Australia. Monash University Statistics and Econometrics Consulting Service.
67. Akram, M, TRL Fry, and RJ Hyndman (2001). *An evaluation of the InvestorWeb Limited Investment Risk Analyser*. Monash University Statistics and Econometrics Consulting Service.
68. Forbes, CS and RJ Hyndman (2001). *Nonparametric measures of association for questionnaire data*. Report for GAPbusters Pty Ltd. Monash University Statistics and Econometrics Consulting Service.
69. Hyndman, RJ (2001). *Comments on the evaluation of injury management pilot programs*. Report for WorkCover NSW. Monash University Statistics and Econometrics Consulting Service.
70. Hyndman, RJ (2001). *Analysis of GCE and JC data for Swaziland students: 1997–2000*. Report for Monash Research Graduate School. Monash University Statistics and Econometrics Consulting Service.
71. Hyndman, RJ (2001). *Analysis of visual training data*. Report for John Palassis. Monash University Statistics and Econometrics Consulting Service.
72. Hyndman, RJ (2001). *Catholic Church Life Survey 2001: sampling design*. Report for Australian Catholic Bishops Conference. Monash University Statistics and Econometrics Consulting Service.
73. Hyndman, RJ and K Abeyewardene (2001). *Comments on the Injury Management Pilot Cost/Benefit Analysis*. Report for WorkCover NSW. Monash University Statistics and Econometrics Consulting Service.
74. Hyndman, RJ and K Abeyewardene (2001). *Evaluation of injury management pilots*. Report for WorkCover NSW. Monash University Statistics and Econometrics Consulting Service.
75. Hyndman, RJ and A de Silva (2001). *Student perception of education effectiveness in Swaziland*. Report for Monash Research Graduate School. Monash University Statistics and Econometrics Consulting Service.
76. Hyndman, RJ, CS Forbes, and A de Silva (2001). *Reducing the "Learning Improves Networking Communities" questionnaire*. Report for Faculty of Education, Monash University. Monash University Statistics and Econometrics Consulting Service.
77. Hyndman, RJ and L Shenstone (2001). *Statistical analysis of postgraduate completions*. Report for Monash Research Graduate School. Monash University Statistics and Econometrics Consulting Service.
78. Forbes, CS, L Gordon-Brown, and RJ Hyndman (2002). *Expert review of emissions projections methodology*. Report for Australian Greenhouse Office. Monash University Business and Economic Forecasting Unit.
79. Hyndman, RJ, L Gordon-Brown, M Akram, and P Brown (2002). *Review of current arrangements for producing PBS forward estimates*. Report for Department of Health and Ageing. Monash University Business and Economic Forecasting Unit.
80. Hyndman, RJ and L Shenstone (2002). *Statistical analysis of postgraduate completion rates: 1992 cohort*. Report for Monash Research Graduate School. Monash University Statistics and Econometrics Consulting Service.



81. Hyndman, RJ (2003). *Statistical forecasting of weekly e-TAG failures*. Report for Transurban. Monash University Business and Economic Forecasting Unit.
82. Hyndman, RJ (2003). *Uncertainty in the Dynamic Underkeel Clearance System*. Report for the Victorian Channels Authority. Monash University Statistics and Econometrics Consulting Service.
83. Hyndman, RJ (2003). *Spectral analysis of pollen data*. Report for Kale Sniderman. Monash University Statistics and Econometrics Consulting Service.
84. Hyndman, RJ and M Akram (2003). *Automation of weekly forecasting of e-TAG failures*. Report for Transurban. Monash University Business and Economic Forecasting Unit.
85. Hyndman, RJ and M Akram (2003). *Evaluation of an Investment Risk Profiler*. Report for InvestorWeb Limited. Monash University Statistics and Econometrics Consulting Service.
86. Hyndman, RJ and M Akram (2003). *Price optimization: elasticity modelling*. Report for Optimal Decisions Group. Monash University Statistics and Econometrics Consulting Service.
87. Hyndman, RJ and L Shenstone (2003). *Analysis of the RTS allocations formula*. Report for the Monash Research Graduate School. Monash University Statistics and Econometrics Consulting Service.
88. Hyndman, RJ (2004). *Analysis of NPS lipids interventions*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
89. Hyndman, RJ (2004). *Models for analysing residential electricity consumption in the Kingdom of Saudi Arabia*. Report for KSA Ministry of Electricity. Monash University Business and Economic Forecasting Unit.
90. Hyndman, RJ (2004). *Forecasts of child protection notifications for the 2003 birth cohort*. Report for Department of Human Services, Victoria. Monash University Business and Economic Forecasting Unit.
91. Hyndman, RJ (2004). *Areas for improvement: the Monash Experience Questionnaire*. Report for Monash University. Monash University Statistics and Econometrics Consulting Service.
92. Hyndman, RJ (2004). *Forecasting Listerine mouth wash sales by volume*. Report for Zenith media. Monash University Business and Economic Forecasting Unit.
93. Hyndman, RJ (2004). *Analysis of IB scaling: 2001–2003*. Report for VTAC scaling committee. Monash University Statistics and Econometrics Consulting Service.
94. Hyndman, RJ (2004). *Dynamic regression models for the advertising/sales relationship*. Report for Mirko Cugura. Monash University Business and Economic Forecasting Unit.
95. Hyndman, RJ and M Akram (2004). *Upgrade of Investment Risk Analyser: data analysis*. Report for InvestorWeb Limited. Monash University Statistics and Econometrics Consulting Service.
96. Hyndman, RJ and M Akram (2004). *Analysis of NPS antihypertensive interventions*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
97. Hyndman, RJ and M Akram (2004). *Analysis of NPS NSAID interventions*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
98. Hyndman, RJ and M Akram (2004). *Analysis of NPS antibiotics interventions*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
99. Hyndman, RJ and M Akram (2004). *Analysis of NPS diabetes interventions*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
100. Hyndman, RJ and M Akram (2004). *Analysis of hypertensive interventions*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
101. Hyndman, RJ and M Akram (2004). *Analysis of hypertensive interventions (thiazides)*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
102. Hyndman, RJ and A de Silva (2004). *Modelling the effect of stress and personality on strain*. Report for Janet Langan-Fox and Sharon Cole. Monash University Statistics and Econometrics Consulting Service.
103. Hyndman, RJ and A de Silva (2004). *A statistical analysis of the Monash Experience Questionnaire*. Report for Monash University. Monash University Statistics and Econometrics Consulting Service.
104. Hyndman, RJ, NT Diamond, and A de Silva (2004). *A review of the methodology for identifying potential risky agents*. Report for the Australian Taxation Office. Monash University Statistics and Econometrics Consulting Service.
105. Hyndman, RJ and L Gunn (2004). *Statistical modelling of trade-by-trade price movements*. Report for Kenneth Spriggs, Chicago. Monash University Statistics and Econometrics Consulting Service.
106. Hyndman, RJ and L Gunn (2004). *Analysis of trades as a binary time series*. Report for Kenneth Spriggs, Chicago. Monash University Statistics and Econometrics Consulting Service.
107. de Silva, A and RJ Hyndman (2005). *Statistical analysis of 2005 Unit Evaluation Questionnaires*. Report for Monash University. Monash University Statistics and Econometrics Consulting Service.

108. Diamond, NT and RJ Hyndman (2005). *Sample size for maternal and child health service evaluation*. Report for Victorian Department of Human Services. Monash University Statistics and Econometrics Consulting Service.
109. Diamond, NT and RJ Hyndman (2005). *The Monash Experience Questionnaire 2003: the best and worst for first year students*. Report for CHEQ, Monash University. Monash University Statistics and Econometrics Consulting Service.
110. Diamond, NT and RJ Hyndman (2005). *The Monash Experience Questionnaire 2003: first year students*. Report for CHEQ, Monash University. Monash University Statistics and Econometrics Consulting Service.
111. Diamond, NT and RJ Hyndman (2005). *The Monash Experience Questionnaire 2003: the best and worst*. Report for CHEQ, Monash University. Monash University Statistics and Econometrics Consulting Service.
112. Hyndman, RJ (2005). *Analysis of NPS programs for antibiotics using decaying intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
113. Hyndman, RJ (2005). *Analysis of NPS programs for COX-2s using decaying intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
114. Hyndman, RJ (2005). *Analysis of NPS programs for Proton Pump Inhibitors using decaying intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
115. Hyndman, RJ (2005). *Analysis of NPS programs for Tramadol using decaying intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
116. Hyndman, RJ (2005). *Analysis of 2004 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
117. Hyndman, RJ (2005). *Some comments on the DEST analysis and LTPF allocations*. Report for Monash University. Monash University Statistics and Econometrics Consulting Service.
118. Hyndman, RJ and M Akram (2005). *Forecasting New Zealand prisoners*. Report for Kesten Green. Monash University Business and Economic Forecasting Unit.
119. Hyndman, RJ and M Akram (2005). *Analysis of NPS programs for antihypertensives using decaying intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
120. Hyndman, RJ and M Akram (2005). *Analysis of NPS programs for asthma using decaying intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
121. de Silva, A and RJ Hyndman (2006). *Factors that influence student preference in commerce degrees*. Report for the Faculty of Business and Economics, Monash University. Monash University Statistics and Econometrics Consulting Service.
122. Diamond, N and RJ Hyndman (2006). *Forecasting demand in a product hierarchy*. Report for Incitec Pivot. Monash University Business and Economic Forecasting Unit.
123. Diamond, NT and RJ Hyndman (2006). *The Monash Experience Questionnaire 2005: the best and worst for first year students*. Report for CHEQ, Monash University. Monash University Statistics and Econometrics Consulting Service.
124. Diamond, NT and RJ Hyndman (2006). *The Monash Experience Questionnaire 2005: the best and worst*. Report for CHEQ, Monash University. Monash University Statistics and Econometrics Consulting Service.
125. Diamond, NT and RJ Hyndman (2006). *The Monash Experience Questionnaire 2005: 2005 vs pre-2005 Students*. Report for CHEQ, Monash University. Monash University Statistics and Econometrics Consulting Service.
126. Diamond, NT and RJ Hyndman (2006). *The Monash Experience Questionnaire 2005: a statistical analysis*. Report for CHEQ, Monash University. Monash University Statistics and Econometrics Consulting Service.
127. Diamond, N and RJ Hyndman (2006). *Analysis of Parks Victoria staff allocation*. Report for Parks Victoria. Monash University Statistics and Econometrics Consulting Service.
128. Hyndman, RJ (2006). *Review of ACT University Admission Index calculation*. Report for ACT Board of Secondary Studies. Monash University Statistics and Econometrics Consulting Service.
129. Hyndman, RJ (2006). *Review of EDQUM savings methodology*. Report for Department of Health and Ageing. Monash University Statistics and Econometrics Consulting Service.
130. Hyndman, RJ (2006). *The predictive value of GAT scores on first year performance*. Report for Merran Evans. Monash University Statistics and Econometrics Consulting Service.
131. Hyndman, RJ (2006). *Analysis of 2005 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
132. Hyndman, RJ (2006). *Comments on the LTPF 2006 discussion paper*. Report for Merran Evans. Monash University Statistics and Econometrics Consulting Service.
133. Hyndman, RJ (2006). *Measuring accuracy in forecasts of entitlement caseloads*. Report for Caseload Forecasting Council, Washington State. Monash University Business and Economic Forecasting Unit.

134. Hyndman, RJ and B Erbas (2006). *Analysis of NPS programs for asthma using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
135. Hyndman, RJ and B Erbas (2006). *Analysis of NPS programs for antidepressants using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
136. Hyndman, RJ and B Erbas (2006). *Analysis of NPS programs for antibiotics using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
137. Hyndman, RJ and B Erbas (2006). *Analysis of NPS programs for Clopidogrel using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
138. Hyndman, RJ and B Erbas (2006). *Analysis of NPS programs for COX-2s using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
139. Hyndman, RJ and B Erbas (2006). *Analysis of NPS programs for HRT using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
140. Hyndman, RJ and B Erbas (2006). *Analysis of NPS programs for hypertension using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
141. Hyndman, RJ and B Erbas (2006). *Analysis of NPS programs for Proton Pump Inhibitors using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
142. Hyndman, RJ (2007). *Extended models for long-term peak half-hourly electricity demand for South Australia*. Report for Electricity Supply Industry Planning Council (SA). Monash University Business and Economic Forecasting Unit.
143. Hyndman, RJ (2007). *Forecasts of long-term peak half-hourly electricity demand for South Australia*. Report for Electricity Supply Industry Planning Council (SA). Monash University Business and Economic Forecasting Unit.
144. Hyndman, RJ (2007). *Nominal ENTER scores predicted by GAT components*. Report for VTAC. Monash University Statistics and Econometrics Consulting Service.
145. Hyndman, RJ (2007). *Analysis of 2006 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
146. Hyndman, RJ and B Erbas (2007). *Analysis of NPS programs for Proton Pump Inhibitors using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
147. Hyndman, RJ and B Erbas (2007). *Analysis of NPS programs for antidepressants using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
148. Hyndman, RJ and B Erbas (2007). *Analysis of NPS programs for antibiotics using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
149. Hyndman, RJ and B Erbas (2007). *Analysis of NPS programs for Clopidogrel using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
150. Hyndman, RJ and B Erbas (2007). *Analysis of NPS programs for COX-2s using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
151. Hyndman, RJ and B Erbas (2007). *Analysis of NPS programs for antihypertensives using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
152. Hyndman, RJ and B Erbas (2007). *Analysis of NPS programs for antithrombotics using intervention models*. Report for National Prescribing Service. Monash University Statistics and Econometrics Consulting Service.
153. Hyndman, RJ and E Sztendur (2007). *Modelling long-term peak half-hourly electricity demand for South Australia*. Report for Electricity Supply Industry Planning Council (SA). Monash University Business and Economic Forecasting Unit.
154. Hyndman, RJ, E Sztendur, and PE McSharry (2007). *Simulating half-hour temperatures at Kent Town, South Australia*. Report for Electricity Supply Industry Planning Council (SA). Monash University Business and Economic Forecasting Unit.
155. Fan, S and RJ Hyndman (2008). *The price elasticity of electricity demand in South Australia and Victoria*. Report for Electricity Supply Industry Planning Council (SA) and Victorian Energy Corporation (VenCorp). Monash University Business and Economic Forecasting Unit.
156. Fan, S and RJ Hyndman (2008). *Modelling Victorian electricity demand using multiple and incomplete temperature sources*. Report for Victorian Energy Networks Corporation. Monash University Business and Economic Forecasting Unit.
157. Hyndman, RJ (2008). *A critique of two chocolate-colour association surveys*. Report for Federal Court of Australia. Monash University Statistics and Econometrics Consulting Service.
158. Hyndman, RJ (2008). *Evaluating peak demand forecasts*. Report for Electricity Supply Industry Planning Council (SA) and Victorian Energy Corporation (VenCorp). Monash University Business and 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"*. Report for Electricity Supply Industry Planning Council (SA). Monash University Business and Economic Forecasting Unit.
160. Hyndman, RJ (2008). *Comments on "South Australian winter peak electricity demand forecasts 2008 to 2018"*. Report for Electricity Supply Industry Planning Council (SA). Monash University Business and Economic Forecasting Unit.
161. Hyndman, RJ (2008). *Nominal ENTER scores predicted by GAT components: 2008 analysis*. Report for VTAC. Monash University Statistics and Econometrics Consulting Service.
162. Hyndman, RJ (2008). *Analysis of 2007 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
163. Hyndman, RJ (2008). *Review of the Pharmaceutical Benefits Scheme Forecasts: 2005–2007*. Report for Department of Health and Ageing. Monash University Business and Economic Forecasting Unit.
164. Hyndman, RJ and S Fan (2008). *Variations on seasonal bootstrapping for temperature simulation*. Report for Electricity Supply Industry Planning Council (SA) and Victorian Energy Corporation (VenCorp). Monash University Business and Economic Forecasting Unit.
165. Hyndman, RJ and S Fan (2008). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Report for Electricity Supply Industry Planning Council (SA). Monash University Business and Economic Forecasting Unit.
166. Hyndman, RJ and S Fan (2008). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Report for Victorian Energy Corporation (VenCorp). Monash University Business and Economic Forecasting Unit.
167. Hyndman, RJ and S Fan (2008). *Modelling peak half-hourly electricity demand for Western Australia*. Report for Western Power. Monash University Business and Economic Forecasting Unit.
168. Hyndman, RJ and S Fan (2008). *Assessment of the model for peak half-hourly electricity demand for Western Australia*. Report for Western Power. Monash University Business and Economic Forecasting Unit.
169. Hyndman, RJ and S Fan (2008). *Forecasting long-term peak half-hourly electricity demand for Western Australia*. Report for Western Power. Monash University Business and Economic Forecasting Unit.
170. Choi, C, RJ Hyndman, L Smith, and K Zhao (2009). *An enhanced mortality database for estimating indigenous life expectancy: a feasibility study*. Australian Institute for Health and Welfare.
171. Fan, S and RJ Hyndman (2009). *Forecasting long-term peak half-hourly electricity demand for the distribution network of South Australia*. Report for Electricity Supply Industry Planning Council (SA). Monash University Business and Economic Forecasting Unit.
172. Hyndman, RJ (2009). *Nominal ENTER scores predicted by GAT components: 2009 analysis*. Report for VTAC. Monash University Statistics and Econometrics Consulting Service.
173. Hyndman, RJ (2009). *Estimation of IB prerequisites*. Report for VTAC. Monash University Statistics and Econometrics Consulting Service.
174. Hyndman, RJ (2009). *Analysis of 2008 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
175. Hyndman, RJ and S Fan (2009). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Report for Electricity Supply Industry Planning Council (SA). Monash University Business and Economic Forecasting Unit.
176. Hyndman, RJ and S Fan (2009). *Modelling and forecasting short-term half-hourly electricity demand for South Australia and Victoria*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
177. Hyndman, RJ and S Fan (2009). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Report for Victorian Energy Networks Corporation. Monash University Business and Economic Forecasting Unit.
178. Hyndman, RJ and S Fan (2009). *Forecasting long-term electricity and gas demand for Victoria*. Forecasting report for Vision 2030, Victorian Energy Networks Corporation. Monash University Business and Economic Forecasting Unit.
179. Chisholm, C and RJ Hyndman (2010). *Regression with non-stationary variables*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
180. Fan, S and RJ Hyndman (2010). *Performance of short-term electricity demand model from 30 December 2009 to 20 January 2010*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
181. Fan, S and RJ Hyndman (2010). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
182. Hyndman, RJ (2010). *Nominal ATAR scores predicted by GAT components: 2010 analysis*. Report for VTAC. Monash University Statistics and Econometrics Consulting Service.

183. Hyndman, RJ (2010). *Analysis of 2009 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
184. Hyndman, RJ and S Fan (2010). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
185. Hyndman, RJ and S Fan (2010). *Modelling annual electricity demand for South Australia and Victoria*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
186. Lowe, L, M Manivasakan, S Lang, and RJ Hyndman (2010). *Review of Flumegate and Dethridge Meter Studies*. Report for Sinclair Knight Merz. Monash University Statistics and Econometrics Consulting Service.
187. Fan, S and RJ Hyndman (2011). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
188. Fan, S and RJ Hyndman (2011). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
189. Fan, S and RJ Hyndman (2011). *Peak electricity demand and energy growth in Western Australia*. Report for Independent Market Operator. Monash University Business and Economic Forecasting Unit.
190. Hyndman, RJ (2011). *Review of the impact of correlations in the ACT scaling process*. Report for the ACT Board of Senior Secondary Studies.
191. Hyndman, RJ (2011). *Analysis of 2010 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
192. Hyndman, RJ (2011). *Review of Transpower's electricity demand forecasting methods*. Report for Transpower New Zealand Ltd.
193. Hyndman, RJ and S Fan (2011). *Forecasting long-term peak half-hourly electricity demand for Western Australia*. Report for Independent Market Operator. Monash University Business and Economic Forecasting Unit.
194. Choi, C, RJ Hyndman, L Smith, K Zhao, and T Dugbaza (2012). *An enhanced mortality database for estimating Indigenous life expectancy: a feasibility study*. Cat. no. IHW 75, Australian Institute of Health and Welfare. Canberra, Australia. [www.aihw.gov.au/publication-detail/?id=10737422286](http://www.aihw.gov.au/publication-detail/?id=10737422286).
195. Fan, S and RJ Hyndman (2012). *Forecasting long-term peak half-hourly electricity demand for Queensland*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
196. Fan, S and RJ Hyndman (2012). *Forecasting long-term peak half-hourly electricity demand for New South Wales*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
197. Fan, S and RJ Hyndman (2012). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
198. Fan, S and RJ Hyndman (2012). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
199. Fan, S and RJ Hyndman (2012). *Forecasting long-term peak half-hourly electricity demand for Tasmania*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
200. Hyndman, RJ (2012). *Analysis of 2011 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
201. Hyndman, RJ (2012). *Expert witness comments on Haile-Michael & Ors vs Konstantinidis & Ors*. Report for Maddocks Lawyers.
202. Paterson, T, F van der Berg, and RJ Hyndman (2012). *Primary Growth Partnership: Theme 4. Transformation of the manufacturing and supply chain Review of work to date*. Report for Fonterra Cooperative Group Limited New Zealand.
203. Fan, S and RJ Hyndman (2013). *Forecasting long-term peak half-hourly electricity demand for Tasmania*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
204. Fan, S and RJ Hyndman (2013). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
205. Fan, S and RJ Hyndman (2013). *Forecasting long-term peak half-hourly electricity demand for NSW*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
206. Fan, S and RJ Hyndman (2013). *Forecasting long-term peak half-hourly electricity demand for Queensland*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
207. Fan, S and RJ Hyndman (2013). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
208. Hyndman, RJ (2013). *Analysis of 2012 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.

209. Hyndman, RJ (2013). *Review of prison forecast report*. Report for NSW Department of Attorney General and Justice.
210. Hyndman, RJ (2013). *Review of Tableau forecasting capabilities*. Report for Tableau Software Inc.
211. Fan, S and RJ Hyndman (2014). *Forecasting long-term peak half-hourly electricity demand for Tasmania*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
212. Fan, S and RJ Hyndman (2014). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
213. Fan, S and RJ Hyndman (2014). *Forecasting long-term peak half-hourly electricity demand for NSW*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
214. Fan, S and RJ Hyndman (2014). *Forecasting long-term peak half-hourly electricity demand for Queensland*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
215. Fan, S and RJ Hyndman (2014). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
216. Hyndman, RJ (2014). *Analysis of 2013 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
217. Hyndman, RJ (2014). *Comments on "Maximum demand forecasting for Citipower and Powercor"*. Report for the Centre for International Economics. Monash University Business and Economic Forecasting Unit.
218. Hyndman, RJ (2014). *Forecasting quarterly revenues with very short time series*. Report for Tiger Global Management.
219. Hyndman, RJ and S Fan (2014). *Recent research progress in electricity demand modelling*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
220. Fan, S and RJ Hyndman (2015). *Forecasting long-term peak half-hourly electricity demand for Tasmania*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
221. Fan, S and RJ Hyndman (2015). *Forecasting long-term peak half-hourly electricity demand for Victoria*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
222. Fan, S and RJ Hyndman (2015). *Forecasting long-term peak half-hourly electricity demand for NSW*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
223. Fan, S and RJ Hyndman (2015). *Forecasting long-term peak half-hourly electricity demand for Queensland*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
224. Fan, S and RJ Hyndman (2015). *Forecasting long-term peak half-hourly electricity demand for South Australia*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
225. Harrison, KJ and RJ Hyndman (2015). *Modelling the participation function with a one-parameter family of cubic splines*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
226. Hyndman, RJ (2015). *Analysis of 2014 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
227. Hyndman, RJ and S Fan (2015). *Monash Electricity Forecasting Model*. Report for Australian Energy Market Operator. Monash University Business and Economic Forecasting Unit.
228. Sarder, M and RJ Hyndman (2015). *Factors influencing university success outcomes*. Report for Monash Learning Analytics. Monash University Statistics and Econometrics Consulting Service.
229. Sarder, M and RJ Hyndman (2015). *Factors influencing university success outcomes in the Faculty of Art, Design and Architecture*. Report for Monash Learning Analytics. Monash University Statistics and Econometrics Consulting Service.
230. Sarder, M and RJ Hyndman (2015). *Factors influencing university success outcomes in the Faculty of Arts*. Report for Monash Learning Analytics. Monash University Statistics and Econometrics Consulting Service.
231. Sarder, M and RJ Hyndman (2015). *Factors influencing university success outcomes in the Faculty of Medicine, Nursing and Health Sciences*. Report for Monash Learning Analytics. Monash University Statistics and Econometrics Consulting Service.
232. Sarder, M and RJ Hyndman (2015). *Factors influencing university success outcomes in the Faculty of Law*. Report for Monash Learning Analytics. Monash University Statistics and Econometrics Consulting Service.
233. Sarder, M and RJ Hyndman (2015). *Factors influencing university success outcomes in the Faculty of Science*. Report for Monash Learning Analytics. Monash University Statistics and Econometrics Consulting Service.
234. Sarder, M and RJ Hyndman (2015). *Factors influencing university success outcomes in the Faculty of Education*. Report for Monash Learning Analytics. Monash University Statistics and Econometrics Consulting Service.

235. Sarder, M and RJ Hyndman (2015). *Factors influencing university success outcomes in the Faculty of Business and Economics*. Report for Monash Learning Analytics. Monash University Statistics and Econometrics Consulting Service.
236. Sarder, M and RJ Hyndman (2015). *Factors influencing university success outcomes in the Faculty of Pharmacy and Pharmaceutical Sciences*. Report for Monash Learning Analytics. Monash University Statistics and Econometrics Consulting Service.
237. Sarder, M and RJ Hyndman (2015). *Factors influencing university success outcomes in the Faculty of Engineering*. Report for Monash Learning Analytics. Monash University Statistics and Econometrics Consulting Service.
238. Sarder, M and RJ Hyndman (2015). *Factors influencing university success outcomes in the Faculty of Information Technology*. Report for Monash Learning Analytics. Monash University Statistics and Econometrics Consulting Service.
239. Sarder, M and RJ Hyndman (2015). *Demographic profile of 2010 Bachelor students: attendance mode, course load & early failure*. Report for Monash Learning Analytics. Monash University Statistics and Econometrics Consulting Service.
240. Hyndman, RJ (2016). *Analysis of 2015 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
241. Hyndman, RJ (2017). *Analysis of 2016 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
242. Ben Taieb, S, RJ Hyndman, and C Bergmeir (2018). *A review of hierarchical forecasting*. Report for Huawei, China. Monash University Statistics and Econometrics Consulting Service.
243. Hyndman, RJ (2018). *Analysis of 2017 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
244. O'Hara-Wild, M, J Carmody, RJ Hyndman, and S Ben Taieb (2018). *Exploratory data analysis for Huawei*. Report for Huawei, China. Monash University Statistics and Econometrics Consulting Service.
245. O'Hara-Wild, M and RJ Hyndman (2018). *Applying state-of-the-art forecasting methods on Huawei's supply chain*. Report for Huawei, China. Monash University Statistics and Econometrics Consulting Service.
246. Bui, Q, C Bergmeir, F Vahid, and RJ Hyndman (2019). *Exploratory Analysis of Waterloo Wind Farm's WTGs*. Report for Advisian. Monash University Statistics and Econometrics Consulting Service.
247. Hyndman, RJ (2019). *Analysis of 2018 ITI data*. Report for ITI technical group. Monash University Statistics and Econometrics Consulting Service.
248. Abolghasemi, M, C Bergmeir, RJ Hyndman, and F Vahid (2020). *Waterloo Wind Farm Forecasting*. Report for Advisian. Monash University Statistics and Econometrics Consulting Service.
249. Hyndman, RJ (2020). *Analysis of 2019 ATAR data*. Report for ATAR technical group. Monash University Statistics and Econometrics Consulting Service.
250. Raza, MQ, A Chernikov, Q Bui, C Bergmeir, F Vahid, and RJ Hyndman (2020). *Exploratory Data Analysis of Ross River Solar Farm*. Report for Advisian. Monash University Statistics and 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, E Wang, and N Laptev (2018). *anomalous: Unusual Time Series Detection*. Version 0.1.0. <https://github.com/robjhyndman/anomalous>.
3. Verbesselt, J, A Zeileis, and RJ Hyndman (2014). *bfast: Breaks For Additive Season and Trend (BFAST)*. Version 1.5.7. <https://CRAN.R-project.org/package=bfast>.
4. Eddelbuettel, D, I Zahn, and RJ Hyndman (2020). *binb: 'binb' is not 'Beamer'*. Version 0.0.6. <https://CRAN.R-project.org/package=binb>.
5. Hyndman, RJ and Y Yang (2019). *compenginets: Time series from http://www.comp-engine.org/timeseries/*. Version 0.1. <https://github.com/robjhyndman/compenginets>.
6. Hyndman, RJ, T Hyndman, C Gray, S Gupta, P Gamakumara, and A Whan (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. With contributions from Heather Booth, Leonie Tickle and John Maindonald. <https://CRAN.R-project.org/package=demography>.
8. Signorell, A et al. (2020). *DescTools: Tools for Descriptive Statistics*. Version 0.99.37. <https://CRAN.R-project.org/package=DescTools>.



9. Cook, D, A Ebert, J Forbes, H Hofmann, RJ Hyndman, T Lumley, B Marwick, C Sievert, M Sun, D Talagala, N Tierney, N Tomasetti, E Wang, F Zhou, Commonwealth of Australia AEC, and 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, K Smith-Miles, and RJ Hyndman. (2011). *emma: Evolutionary model-based multiresponse approach*. Version 0.1.0. <https://CRAN.R-project.org/package=emma>.
11. Hyndman, RJ and J Carmody (2015). *expsmooth: Data Sets from "Forecasting with Exponential Smoothing"*. Version 2.3. <https://CRAN.R-project.org/package=expsmooth>.
12. O'Hara-Wild, M, RJ Hyndman, E Wang, and G Caceres (2020). *fable: Forecasting Models for Tidy Time Series*. Version 0.2.1. <https://CRAN.R-project.org/package=fable>.
13. O'Hara-Wild, M, RJ Hyndman, E Wang, D Cook, and G Athanasopoulos (2020). *fabletools: Core Tools for Packages in the 'fable' Framework*. Version 0.2.0. <https://CRAN.R-project.org/package=fabletools>.
14. O'Hara-Wild, M and RJ Hyndman (2020). *fasster: Fast Additive Switching of Seasonality, Trend and Exogenous Regressors*. Version 0.1.0.9100. <https://github.com/mitchelloharawild/fasster>.
15. Shang, HL and RJ Hyndman (2018). *fds: Functional Data Sets*. Version 1.8. <https://CRAN.R-project.org/package=fds>.
16. O'Hara-Wild, M, RJ Hyndman, E Wang, D Cook, T Talagala, and L Chhay (2020). *feasts: Feature Extraction and Statistics for Time Series*. Version 0.1.4. <https://CRAN.R-project.org/package=feasts>.
17. Hyndman, RJ and J Carmody (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, G Athanasopoulos, C Bergmeir, G Caceres, L Chhay, M O'Hara-Wild, F Petropoulos, S Razbash, E Wang, F Yasmeen, R Core Team, R Ihaka, D Reid, D Shaub, Y Tang, and Z Zhou (2020). *forecast: Forecasting Functions for Time Series and Linear Models*. Version 8.12. <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 (2018). *fpp2: Data for "Forecasting: Principles and Practice" (2nd Edition)*. Version 2.3. <https://CRAN.R-project.org/package=fpp2>.
21. Hyndman, RJ, G Athanasopoulos, M O'Hara-Wild, and RStudio (2020). *fpp3: Data for "Forecasting: Principles and Practice" (3rd Edition)*. Version 0.3. <https://CRAN.R-project.org/package=fpp3>.
22. Maechler, M, C Fraley, F Leisch, V Reisen, A Lemonte, and RJ Hyndman (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 and HL Shang (2020). *ftsa: Functional Time Series Analysis*. Version 5.8. <https://CRAN.R-project.org/package=ftsa>.
24. Kang, Y, F Li, RJ Hyndman, M O'Hara-Wild, and B Zhao (2020). *gratis: Generating Time Series with Diverse and Controllable Characteristics*. Version 0.2.0. <https://CRAN.R-project.org/package=gratis>.
25. Gupta, S, RJ Hyndman, D Cook, and A Unwin (2020). *gravitas: Explore Probability Distributions for Bivariate Temporal Granularities*. Version 0.1.3. <https://CRAN.R-project.org/package=gravitas>.
26. Hyndman, RJ, J Einbeck, and M Wand (2018). *hdcrcde: Highest Density Regions and Conditional Density Estimation*. Version 3.3. <https://CRAN.R-project.org/package=hdcrcde>.
27. Hyndman, RJ, A Lee, E Wang, and S Wickramasuriya (2020). *hts: Hierarchical and Grouped Time Series*. Version 6.0.0. <https://CRAN.R-project.org/package=hts>.
28. Hyndman, RJ, M Akram, C Bergmeir, and M O'Hara-Wild (2018). *Mcomp: Data from the M-Competitions*. Version 2.8. <https://CRAN.R-project.org/package=Mcomp>.
29. Hyndman, RJ and S Fan (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, A Nieto-Reyes, RJ Hyndman, M O'Hara-Wild, and T A. (2020). *nortsTest: Assessing Normality of Stationary Process*. Version 1.0.0. <https://CRAN.R-project.org/package=nortsTest>.
32. Talagala, PD, RJ Hyndman, and K Smith-Miles (2019). *oddstream: Outlier Detection in Data Streams*. Version 0.5.0. <https://CRAN.R-project.org/package=oddstream>.
33. Talagala, PD and RJ Hyndman (2019). *oddwater: Outlier Detection in Data from Water-Quality Sensors*. Version 0.7.0. <https://github.com/pridital/oddwater>.
34. Hyndman, RJ, M O'Hara-Wild, J Roberts, and N Tierney (2018). *ozbabynames: Australian Popular Baby Names*. Version 0.0.0.9000. <https://github.com/ropenscilabs/ozbabynames>.

35. Shang, HL and RJ Hyndman (2019). *rainbow: Bagplots, Boxplots and Rainbow Plots for Functional Data*. Version 3.6. <https://CRAN.R-project.org/package=rainbow>.
36. Hyndman, RJ, C Brown, B Fabian, M Prokofieva, N Tierney, HL Tong, M Vidoni, and I Kashnitsky (2020). *rcademy: Tools to assist with academic promotions*. Version 0.0.0.9000. <https://github.com/ropenscilabs/Rcademy>.
37. Allaire, J et al. (2020). *rmarkdown: Dynamic Documents for R*. Version 2.3. <https://CRAN.R-project.org/package=rmarkdown>.
38. Crevits, R, C Bergmeir, RJ Hyndman, R Ihaka, and 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, RJ Hyndman, and G Athanasopoulos (2020). *seer: Feature-Based Forecast Model Selection*. Version 1.1.5. <https://CRAN.R-project.org/package=seer>.
40. Dokumentov, A and RJ Hyndman (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 and RJ Hyndman (2018). *stR: STR Decomposition*. Version 0.4. <https://CRAN.R-project.org/package=stR>.
42. Talagala, PD, RJ Hyndman, and K Smith-Miles (2020). *stray: Anomaly Detection in High Dimensional and Temporal Data*. Version 0.1.1. <https://CRAN.R-project.org/package=stray>.
43. Wang, E, D Cook, and RJ Hyndman (2020). *sugrrants: Supporting Graphs for Analysing Time Series*. Version 0.2.7. <https://CRAN.R-project.org/package=sugrrants>.
44. Hyndman, RJ and N Kourentzes (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 and Y Yang (2020). *tsdl: Time Series Data Library*. Version 0.1.0. <https://finyang.github.io/tsdl/>.
47. Hyndman, RJ, Y Kang, P Montero-Manso, T Talagala, E Wang, Y Yang, M O'Hara-Wild, S Ben Taieb, C Hanqing, DK Lake, N Laptev, and JR Moorman (2020). *tsfeatures: Time Series Feature Extraction*. Version 1.0.2. <https://CRAN.R-project.org/package=tsfeatures>.
48. Wang, E, D Cook, RJ Hyndman, and M O'Hara-Wild (2020). *tsibble: Tidy Temporal Data Frames and Tools*. Version 0.9.2. <https://CRAN.R-project.org/package=tsibble>.
49. O'Hara-Wild, M, RJ Hyndman, and E Wang (2020). *tsibbledata: Diverse Datasets for 'tsibble'*. Version 0.2.0. <https://CRAN.R-project.org/package=tsibbledata>.
50. O'Hara-Wild, M, RJ Hyndman, and Y Xie (2020). *vitae: Curriculum Vitae for R Markdown*. Version 0.2.2. <https://CRAN.R-project.org/package=vitae>.