

# Outputs

Professor Jennifer Brown

Total number: 195

## Journal Article

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- 3 Haq, A., Brown, J. and Moltchanova, E. (2013) A New Cumulative Sum Quality Control Scheme for Monitoring the Process Mean. *Quality and Reliability Engineering International* (in press) <http://dx.doi.org/10.1002/qre.1539>.
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- 12 Parvardeh, A., Panahbehagh, B., Salehi, M., Brown, J.A. and Smith, D. (2013) Asymptotic properties of the sample mean in adaptive sequential sampling with multiple selection criteria. *Bulletin of the Iranian Mathematical Society* (in press)
- 13 Robertson, B. L., Brown, J.A., McDonald, T. and Jaksons, P. (2013) BAS: balanced acceptance sampling of natural resources. *Biometrics* <http://dx.doi.org/10.1111/biom.12059>.
- 14 David, I. and Brown, J.A. (2012) Beyond statistical methods: Teaching critical thinking to first-year university students. *International Journal of Mathematical Education in Science and Technology* 43(8): 1057-1065. <http://dx.doi.org/10.1080/0020739X.2012.678901>.
- 15 Lemke, D. and Brown, J.A. (2012) Habitat modeling of alien plant species at varying levels of occupancy. *Forests* 3(3): 799-817. <http://dx.doi.org/10.3390/f3030799>.

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- 123 Brown, J.A. (2011) Stirring the data soup: What spoon do I use? Auckland: Statistics Teachers' Day, University of Auckland, 23 November 2011.
- 124 Brown, J.A. and David, I. (2011) Beyond statistical methods: teaching critical thinking to first year university students. Rotorua, New Zealand: Volcanic Delta 2011, 27 Nov-2 Dec 2011.
- 125 Brown, J.A., Hodge, M. and Williams, M. (2011) Adaptive and unequal probability survey designs for monitoring animal and plant distributions. Palm Cove, Australia: Australasian Applied Statistics Conference (GenStat & ASReml), 12-15 Jul 2011.
- 126 Brown, J.A., Salehi, M.M., Panahbehagh, B. and Moradi, M. (2011) Complete allocation sampling: An efficient and easily implemented adaptive sampling design. Auckland, New Zealand: New Zealand Statistical Association 2011 Conference, 28-31 Aug 2011.
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- 129 Brown, J.A. (2010) Going green: How statistics helps in how we manage New Zealand's environment. Victoria University of Wellington, New Zealand: Women in Statistics Conference, 20 Oct 2010.
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- 131 Brown, J.A. and Robinson, T.J. (2009) Reducing uncertainty about uncertainty. Wellington, New Zealand: The New Zealand Statistical Association Conference 2009 (NZSA2009), 2-3 Sep 2009.
- 132 Brown, J.A. and Williams, M. (2009) Adaptive Survey Designs for Sampling Rare and Clustered Populations. Christchurch, New Zealand: Statistics New Zealand Annual Methodologist Workshop, Mar 2009.
- 133 Brown, J.A., Rea, W.S. and Reale, M. (2009) Improving an algorithm for break points detection based on regression trees. Limassol, Cyprus: 3rd International Conference on Computational and Financial Econometrics (CFE09), 29-31 Oct 2009.
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- 137 Lemke, D., Hulme, P., Brown, J. and Tadesse, W. (2009) Integrating GIS and Statistical Modelling in Assessing Invasive Plants. San Diego, CA, USA: 2009 ESRI International User Conference, 13-17 Jul 2009.
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- 142 Hodge, M. and Brown, J. (2008) Using Arc to work with radio collar/telemetry data on deer & geckos. Rotorua: NZ ESRI User Group 13th Annual Conference, 21-23 Oct 2008.
- 143 Hodge, M. and Brown, J.A. (2008) Adjusting Resource Selection Functions for Imperfect Detection. Hamilton, New Zealand: 59th Annual Conference of the New Zealand Statistics Association, 1-2 Sep 2008.
- 144 Thomas, M.D., Brown, J.A. and Ross, J.G. (2008) An evaluation of Waxtags® as a monitoring technique for low-density possum (*Trichosurus vulpecula*) populations in New Zealand. Darwin, Australia: 14th Australasian Vertebrate Pest Conference, 10-13 Jun 2008.
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- 150 Brown, J.A., Overton, J. and Price, R. (2005) Sampling biodiversity inventory and monitoring. Montreal, Canada: International Congress of Ecology, Aug 2005.
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- 175 Lemke, D., Hulme, P.E., Brown, J.A., Miller, J. and Coulston J. (2011) Ensemble modeling of tallotree in forest of the Southern USA. Huntsville, AL, USA: Association of Southeastern Biologists 72nd Annual Meeting, 13-16 Apr 2011.
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- 177 Lemke, D., Hulme, P., Brown, J. and Tadesse, W. (2009) Predicting the Occurrence of Invasive Plants in the Cumberland Plateau and Mountain Region: Integration of Forestry Inventory Data, Geospatial Information System and Statistical Modeling Tools. Athens, GA, USA: 7th Southern Forestry & Natural Resource Management GIS Conference, 7-9 Dec 2009.
- 178 Brown, J.A., McDonald, L. and Robinson, T. (2008) Estimating Uncertainty in Wildlife Population Estimates. St Andrews, Scotland: International Statistical Ecology Conference, 9-11 Jul 2008.
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- 180 Chappell, M.H., Anderson, T.J., Brown, J.A., Dalrymple-Alford, J.C., van Stockum, S. and Watts, R. (2007) Using Diffusion Tensor Imaging Parameters as Markers of Cognitive decline with Parkinson's disease. Chicago, IL, USA: 13th Annual Meeting of the Organization for Human Brain Mapping (HBM), 10-14 Jun 2007.
- 181 Williams, M.N. and Brown, J.A. (2007) Predicting where to find new weeds and rare plants using GIS. Perth, Australia: 9th International Conference on The Ecology and Management of Alien Plant Invasions (EMAPi9), 17-21 Sep 2007.
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- 183 Chappell, M.H., Brown, J.A., Uluğ, A.M., Zhang, L. and Watts, R. (2006) Using the conjunction of orthogonal frame-invariant metrics to increase the statistical power of diffusion tensor image analysis. Florence, Italy: 12th Annual Meeting of the Organization for Human Brain Mapping (HBM2006), 11-15 Jun 2006.  
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- 185 Brown, J.A., Roberson, B. and Jaksons, P. (2012) Adaptive sampling. University of Wyoming, Laramie: Seminar, 15 November 2012.
- 186 Brown, J.A., Robertson, B. and Jaksons, P. (2012) Adaptive sampling. University of Pau and Pays de l'Adou: Seminar, 4 October 2012.
- 187 Brown, J.A., Robertson, B. and Jaksons, P. (2012) Adaptive sampling: How to sampling only the good stuff. Department of Mathematics, Statistics, University of Canterbury: Seminar, 13 September 2012.
- 188 Brown, J.A. (2011) Adaptive sampling: My journey that began in the Department of Mathematics and Statistics, Otago University. Otago University, Dunedin, New Zealand: Mathematics & Statistics Department Seminar, 15 Sep 2011.
- 189 Brown, J.A., Hodge, M. and Williams, M. (2009) Adaptive survey designs for monitoring animal and plant distributions. Qatar University, Saudi Arabia: Department of Mathematics, Statistics and Physics Seminar, 4 Nov 2009.
- 190 Brown, J.A. (2005) Sampling animals when there are too few to count. Rothamsted: First Yates Seminar, April 2005.

191 Brown, J.A. (2004) Sampling low density populations. Leetown Science Centre, West Virginia: Oct 2004.

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### **Working Paper**

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### **Other**

194 Brown, J.A. (2010) 'R for SAS and SPSS Users' by Robert A. Muenchen, Springer New York 2009. The American Statistician 64(1) Book Review.

195 Lemke, D., Brown, J.A., Hulme, P. and Tadesse, V. (2010) Monitoring and modeling: assessing the impact of invasive plants on the landscape. Geoworld April 2010: 19-23. Magazine Article.