A selection of Charles Lawoko's academic publications and conference presentations

Charles' publications are mainly in the research areas of multivariate statistical analysis and datamining. However, over the years Charles has also donated his time and knowledge in analysis of data leading to advances in the areas of agricultural sciences, and veterinary and human medicine (with some research resulting in publications with scientists in these areas).

- RJ Hudson and C R O Lawoko (2002). Generalised Least Squares(GLS) Estimation of the Difference parameter in long memory (ARFIMA) processes. *Communications in Statistics, Theory and Methods, 31, 2, 1629-1646.*

- SM Fox, DJ Mellor, KJ Stafford, CRO Lawoko, H Hodge (2000). The effects of ovariohysterectomy plus different combinations of halothane, anaesthesia, and buterphanol analgesia on behaviour in a bitch. *Research in Veterinary Sciences, 68, 265-274.*

- ML Chandler, WG Guilford, CRO Lawoko, and T Whittem (1999). Gastric emptying and intestinal transit times of radiopaque markers in cats fed a high-fiber diet with and without low-dose intravenous diazepam. *Veterinary Radiology and Ultrasound, 40, 1, 3-8.*

- J P Koolaard, S Ganesalingam, CRO Lawoko(1998). Comparison of the regularised discriminant analysis with the standard discrimination methods. *Journal of Computational Statistics, 13, 3-10.*

- CRO Lawoko (1998). Common statistical methods for data mining: an introductory discussion of mathematical basis, usage an pitfalls. *SAS Users Group Conference. Melbourne, Australia, (August 1998).*

- S M Fox, D J Mellor, C R O Lawoko, H Hodge and EC Firth (1998). Changes in plasma cortisol concentrations in bitches in response to different combinations of halothane and butorphanol with and without ovariohysterectomy. *Research in Veterinary Science, 65, 2, 125-133.*

- CRO Lawoko (1998). Structure-preserving variable selection procedures in data mining. *SAS Users Group Conference. Melbourne, Australia, (August 1998).*

- SM Fox, H Hodge, DJ Mellor, CRO Lawoko(1997). Pain-induced distress in the canine ovariohsyterectomy and its alleviation with perioperative butorphanol. *Presented at the American College of Veterinary Anesthesiologists, October 1997, San Diego, USA.*

- SF Forsyth, WG Guilford, and CRO Lawoko(1997). Endoscopic evaluation of the gastroduodenal mucosa following non-steroidal anti-inflammatory drug administration in the dog. *New Zealand Veterinary Journal, 44, 179-181.*

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- S Ganesalingam, JP Koolaard, CRO Lawoko (1997). The use of distance measures for covariance regularisation in discriminant analysis. *Presented at Biometrics 97 , the Australasian Biometrics Conference. December, Adelaide, Australia.*

- WG Guilford, CRO Lawoko, and FJ Allan (1997). Accuracy of localizing radiopaque markers by abdominal radiography and correlation between their gastric emptying rate and that of a canned food in dogs. *American Journal of Veterinary Research, 58, 1359-1363.*

- SM Fox, H Hodge, DJ Mellor, CRO Lawoko(1997). Pain-induced distress in the canine ovariohsyterectomy and its alleviation with perioperative butorphanol. *Presented at the American College of Veterinary Anesthesiologists, October 1997, San Diego, USA*

- C R O Lawoko(1997). Book Review: Observational Studies by PR Rosenbaum. Published by Springer-Verlag, 1995. *The New Zealand Statistician.*

- M .Chandler, G G Guilford and CR O Lawoko (1997). The use of radiopaque markers to determine gastric emptying and small intestinal transit time in cats. *Journal of Veterinary Internal Medicine.*

- SA Bissett, WG Guilford, CRO Lawoko and GD Sunvold(1997). Effect of food particle size on carbohydrate assimilation assessed by breath hydrogen testing in dogs. *Veterinary Clinical Nutrition, 4(3), 82-88.*

- M L Chandler, WG Guilford, CRO Lawoko(1996) .Comparison of continuous versus intermittent enteral feeding in dogs. *Journal of Veterinary Internal Medicine, 10(3), 133-138.*

- K J Stafford, D M West J Vermut N Petrie C R O Lawoko (1996). Electrojaculation in rams: a distressing experience? .*New Zealand Journal of Veterinary Science, 44, 95-98.*

- JP Koolaard, CRO Lawoko, S Ganesalingam (1996). Regularised discriminant analysis involving Bhattacharya distance measure. *8th Australasian Remote Sensing Conference, Canberra, Australia, March 1996.*

- JP Koolaard and CRO Lawoko (1996). Applications of regularised discriminant(classification) functions in the classification of objects: a discussion of potential application to remote sensing. *8th Australasian Remote Sensing Conference, Canberra, Australia, March 1996.*

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- J P Koolaard and C R O Lawoko(1996). Linear and Euclidean Discriminant Functions: a comparison via asymptotic expansions and simulation study. *Communications in Statistics- Theory and Methods, 25(12), 2989- 3011.*

- J P Koolaard, C R O Lawoko, S Ganesalingam(1996). Regularized discriminant(classification)analysis involving Bhattacharya distance measure. *Proceedings of the 8th Australasian Remote Sensing Conference, Canberra, March 1996.[Volume 2, 35-43]*

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- C R O Lawoko(1996). Book Review: Theory of Statistics by M J Schervish. Published by Springer-Verlag, 1995. *The New Zealand Statistician, 31(1),43-44.*

- CRO Lawoko and DQ Wang (1996). Some results on the estimation of parameters for normally distributed random matrices(co-author DW Wang). *Sydney International Statistical Congress, 1996.*

- S Ganesalingam, CRO Lawoko, JP Koolaard (1996). Comparison of regularised discriminant analysis with the standard discrimination methods. (With J .P Koolaard and S Ganesalingam). *Presented at the International Biometrics Conference, Amsterdam, July 1996.*

- D Q Wang and C R O Lawoko(1995). On the convergence and rate of convergence of algorithms in the mover-stayer model. *Journal of Systems Science and Mathematical Sciences, 8, 46-51.*

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- D Q Wang and C R O Lawoko (1994). Estimation of parameters of normally distributed random matrices. *Linear Algebra and Its Applications (Fourth Special Issue on Statistics), 120, 199- 208.*

- C R O Lawoko and a J McLachlan (1994) .Estimation of mixing proportions in the presence of autoregressively correlated training data. *Communications in Statistics-Simulation and Computation, 23, 591-613.*

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