

## Publications for Garth Tarr

### 2018

Tarr, G., Muller, S., Welsh, A. (2018). mplot: An R Package for Graphical Model Stability and Variable Selection Procedures. *Journal of Statistical Software*, 83(9), 1-28. <a href="http://dx.doi.org/10.18637/jss.v083.i09">[More Information]</a>

Polkinghorne, R., Philpott, J., Perovic, J., Lau, J., Davies, L., Mudannayake, W., Watson, R., Tarr, G., Thompson, J. (2018). The effect of packaging on consumer eating quality of beef. *Meat Science*, 142, 59-64. <a href="http://dx.doi.org/10.1016/j.meatsci.2018.04.002">[More Information]</a>

### 2017

Konarska, M., Kuchida, K., Tarr, G., Polkinghorne, R. (2017). Relationships between marbling measures across principal muscles. *Meat Science*, 123, 67-78. <a href="http://dx.doi.org/10.1016/j.meatsci.2016.09.005">[More Information]</a>

### 2016

Tarr, G., Mueller, S., Weber, N. (2016). Robust estimation of precision matrices under cellwise contamination. *Computational Statistics and Data Analysis*, 93, 404-420. <a href="http://dx.doi.org/10.1016/j.csda.2015.02.005">[More Information]</a>

### 2015

Muir, M., Drury, H., Tarr, G., White, F., Morrison, K. (2015). A Start to Fostering Knowledge, Skills and Attitudes to Ensure Inclusive Teaching Environments. *12th annual conference of the International Society for the Scholarship of Teaching and Learning*. International Society for the Scholarship of Teaching and Learning.

Dancer, D., Morrison, K., Tarr, G. (2015). Measuring the effects of peer learning on students' academic achievement in first-year business statistics. *Studies in Higher Education*, 40(10), 1808-1828. <a href="http://dx.doi.org/10.1080/03075079.2014.916671">[More Information]</a>

Mueller, S., Tarr, G. (2015). Much more than U-statistics: A symposium to celebrate Neville C. Weber. *Statistical Society of Australia. Newsletter*, 151, 10-12.

Tarr, G. (2015). Quantile based estimation of scale and dependence. *Bulletin of the Australian Mathematical Society*, 92(1), 173-175. <a href="http://dx.doi.org/10.1017/S0004972715000283">[More Information]</a>

Tarr, G., Weber, N., Mueller, S. (2015). The difference of symmetric quantiles under long range dependence. *Statistics and Probability Letters*, 98, 144-150. <a href="http://dx.doi.org/10.1016/j.spl.2014.12.022">[More Information]</a>

### 2014

Muir, M., Tarr, G., Drury, H., White, F., Morrison, K. (2014). Knowing your students: An approach to encourage pedagogical creativity and change. *International Society for the Scholarship*

*of Teaching and Learning (ISSOTL)*, Not applicable: Not applicable.

### 2013

Tarr, G. (2013). Efficient and robust scale estimation. *2011 International Conference on Robust Statistics*, Valladolid, Spain: Universidad de Valladolid.

Tarr, G. (2013). Robust covariance estimation via quantiles of pairwise means and applications. *International Conference on Robust Statistics*.

Tarr, G. (2013). Robust covariance estimation with Pn. *Australian Statistical Conference*, Collingwood, Australia: CSIRO Publishing.

Tarr, G. (2013), *Robust estimation of scale and covariance with Pn and its application to PCA*. University of NSW, School of Mathematics and Statistics Seminar, Sydney, Australia.

Tarr, G. (2013), *Robust estimation of scale and covariance with Pn and its application to precision matrix estimation*. University of Sydney, School of Mathematics and Statistics Seminar, Sydney, Australia.

Tarr, G. (2013). Robust scale and autocovariance estimation. *European Meeting of Statisticians*.

Tarr, G. (2013). Robust scale estimation with extensions. *Young Statisticians Conference*, Melbourne, Australia: University of Melbourne.

### 2012

Tarr, G., Mueller, S., Weber, N. (2012). A robust scale estimator based on pairwise means. *Journal of Nonparametric Statistics*, 24(1), 187-199. <a href="http://dx.doi.org/10.1080/10485252.2011.621424">[More Information]</a>

Tarr, G. (2012). Small sample performance of quantile regression confidence intervals. *Journal of Statistical Computation and Simulation*, 82(1), 81-94. <a href="http://dx.doi.org/10.1080/00949655.2010.527844">[More Information]</a>

### 2009

Tarr, G. (2009). Quantile regression confidence intervals: theoretical exposition and empirical findings. *2009 Young Statisticians Conference*, Collingwood, Australia: CSIRO Publishing.