

Selected Publications

Guogen Shan, Albert Vexler, Gregory E. Wilding and Alan D. Hutson (2010). Simple and exact empirical likelihood ratio tests for normality based on moment relations. *Communications in Statistics - Simulation and Computation*, 40 129-146.

Albert Vexler, **Guogen Shan**, Seong E. Kim, Wan-Min Tsai, Lili Tian and Alan D. Hutson (2011). Density-based empirical likelihood ratio test for inverse Gaussian. *Journal of Statistical Planning and Inference*, 141 2128-2140.

Guogen Shan, Gregory E. Wilding and Alan D. Hutson (2012). An efficient and exact approach for detecting trends with binary endpoints. *Statistics in Medicine*, 31 155-164.

Gregory E. Wilding, **Guogen Shan** and Alan D. Hutson (2012). Exact two-stage designs for phase II activity trials with rank-based endpoints. *Contemporary Clinical Trials*, 33 332-341.

Guogen Shan, Alan D. Hutson and Gregory E. Wilding (2012). Two-stage k-sample designs for the ordered alternative problem. *Pharmaceutical Statistics*, 11 287-294.

Guogen Shan, Changxing Ma, Alan D. Hutson and Gregory E. Wilding (2013). Some tests for detecting trends based on the modified Baumgartner-Weiß-Schindler statistics. *Computational Statistics & Data Analysis*, 57 246-261.

Guogen Shan (2013). More efficient unconditional tests for exchangeable binary data with equal cluster sizes. *Statistics & Probability Letters*, 83 644-649.

Guogen Shan and Weizhen Wang (2013). ExactCIDiff: An R Package for Computing Exact Confidence Intervals for the Difference of Two Proportions. *The R Journal*. 5(2) 62-71.

Guogen Shan, Changxing Ma, Alan D. Hutson and Gregory E. Wilding (2013). Randomized two-stage phase II clinical trial designs based on Barnard's exact test. *Journal of Biopharmaceutical Statistics*. 23 1081-1090.

Guogen Shan (2013). A note on exact conditional and unconditional tests for Hardy-Weinberg Equilibrium. *Human Heredity*. 76 10-17.