

## Publication by J. S. Marron:

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### Refereed papers/articles:

- “Visualizing the Structure of Large Trees”, Aydin, B., Pataki, G., Wang, H., Ladha, A., Bullitt, E. Marron, J. S. (2011) *Electronic Journal of Statistics*, 5, 405-420.
- “Principal Arc Analysis on direct product manifolds”, S. Jung, M. Foskey and J. S. Marron (2011) *The Annals of Applied Statistics*, 5, 578-603.
- “Biclustering via Sparse Singular Value Decomposition”, M. Lee, H. Shen, J. Z. Huang and J. S. Marron, (2010) *Biometrics*, 66, 1087–1095.
- “Appearance Normalization for Histology Slides”, Niethammer M, Borland D, Marron JS, Woosley J, Thomas NE (2010) International Workshop on Machine Learning in Medical Imaging (MICCAI), *Lecture Notes in Computer Science*, 6357, 58-66.
- “Exploratory Analysis of Exercise Adherence Patterns with Sedentary Pregnant Women”, S. Yeo; J. Cisewski; E. F. Lock and J. S. Marron (2010) *Nursing Research*, 59, 280-287.
- “Long Range Dependence Analysis of Internet Traffic”, Park, C., Hernandez-Campos, F., Le, L., Marron, J. S., Park, J., Pipiras, V. Smith, F. D., Smith, R. L., Trovero, M. and Zhu, Z. (2010) *Journal of Applied Statistics*, 37, 1439-1453.
- “Efficiency clustering for low-density microarrays and its application to QPCR”, Dittmer, D. P., Lock, E. F., Ziemiecke, R. and J.S. Marron, J. S. (2010) *BMC Bioinformatics*, 11, 386.
- “A 6-gene signature predicts survival of patients with resectable pancreatic ductal adenocarcinoma”, Stratford, J., Bentrem, D. J., Anderson, J. M., Volmar, K. A., Marron, J. S., Routh, E. D., Caskey, L., Earp, H. S., Der, C. J., Calvo, B. F., Kim, H. J., Talamonti, M., Iacobuzio-Donahue, C., Perou, C. M., Hollingsworth, M. A., and Yeh, J. J. (2010) *PLOS: Medicine*, 7: e1000307. doi:10.1371/journal.pmed.1000307.
- “Analysis of Dependence Among Size, Rate and Duration in Internet Flows”, C. Park, F. Hernández-Campos, J. S. Marron, K. Jeffay and F. D. Smith (2010) *Annals of Applied Statistics*, 4, 26–52.
- “Asymptotic Properties of Distance-Weighted Discrimination”, Qiao, X., Zhang, H. H., Liu, Y., Todd, M. J. and Marron, J. S. (2010) *Journal of the American Statistical Association*, 105, 401–414.
- “SWISS MADE: Standardized WithIn Class Sum of Squares to Evaluate Methodologies and Dataset Elements”, C. R. Cabanski, Y. Qi, X. Yin, E. Bair, M. C. Hayward, C. Fan, J. Li,

- M. D. Wilkerson, J. S. Marron, C. M. Perou, D. N. Hayes (2010) *PLoS ONE*, 5(3): e9905. doi:10.1371/journal.pone.0009905.
- “Multi-object analysis of volume, pose, and shape using statistical discrimination”, K. Gorczowski, M. Styner, J.-Y. Jeong, J. S. Marron, J. Piven, H. Cody Hazlett, S. M. Pizer, G. Gerig (2010) *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 32, 652-661.
- “Direct deconvolution density estimation of a mixture distribution motivated by mutation effects distribution”, M. Lee, H. Shen, C. Burch and J. S. Marron, (2010) *Journal of Nonparametric Statistics*, 22, 1-22.
- “A principal component analysis for trees”, Aydin, B., Pataki, G., Wang, H., Bullitt, E. and Marron, J. S., (2009) *Annals of Applied Statistics*, 3, 1597-1615.
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- “A Supervised Risk Predictor of Breast Cancer Based on Intrinsic Subtypes”, Parker, J. S., Mullins, M., Cheang, M. C. U., Leung, S., Voduc, D., Vickery, T., Davies, S., Fauron, C., He, X., Hu, Z., Quackenbush, J. F., Stijleman, I. J., Palazzo, J., Marron, J. S., Nobel, A. B., Mardis, E., Nielsen, T. O., Ellis, M. J., Perou, C. M., Bernard, P. S., (2009) *Journal of Clinical Oncology*, 27, 1160-1176.
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#### **Research Papers Accepted for Publication:**

“Local Kernel Canonical Correlation Analysis with Application to Virtual Screening”, D. V. Samarov, J.S. Marron, Y. Liu, C. Grulke, A. Tropsha (2011) to appear in *The Annals of Applied Statistics*.

## Other unrefereed works, including book reviews:

### Minimally Refereed or Unrefereed Publications:

“Generalized PCA via the backward stepwise approach in image analysis” (2010) S. Jung, X. Liu, J. S. Marron and S. M. Pizer, *Brain, Body and Machine, Proceedings on an International Symposium on the Occasion of the 25<sup>th</sup> Anniversary of the McGill Centre for Intelligent Machines, Montreal*, (J. Angeles, et al., eds.), Springer, New York, 111-123.

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