













## References

- Alessandro Bergamo, L. T. 2010. Exploiting weakly-labeled web images to improve object classification: a domain adaptation approach. In *Neural Information Processing Systems (NIPS)*.
- Bay, H.; Ess, A.; Tuytelaars, T.; and Van Gool, L. 2008. Speeded-up robust features (surf). *Comput. Vis. Image Underst.* 110(3):346–359.
- Breiman, L. 2001. Random forests. *Machine learning* 45(1):5–32.
- Chattopadhyay, R.; Sun, Q.; Fan, W.; Davidson, I.; Panchanathan, S.; and Ye, J. 2012. Multisource domain adaptation and its application to early detection of fatigue. *ACM Transactions on Knowledge Discovery from Data (TKDD)* 6(4):18.
- Duan, L.; Tsang, I. W.; Xu, D.; and Chua, T.-S. 2009. Domain adaptation from multiple sources via auxiliary classifiers. In *Proceedings of the 26th Annual International Conference on Machine Learning*, 289–296. ACM.
- Elhamifar, E., and Vidal, R. 2011. Sparse manifold clustering and embedding. In *Advances in Neural Information Processing Systems*, 55–63.
- Glorot, X.; Bordes, A.; and Bengio, Y. 2011. Domain adaptation for large-scale sentiment classification: A deep learning approach. In *Proceedings of the 28th International Conference on Machine Learning (ICML-11)*, 513–520.
- Gong, B.; Shi, Y.; Sha, F.; and Grauman, K. 2012. Geodesic flow kernel for unsupervised domain adaptation. In *Computer Vision and Pattern Recognition*, 2066–2073.
- Gong, D.; Zhao, X.; and Medioni, G. 2012. Robust multiple manifolds structure learning. *arXiv preprint arXiv:1206.4624*.
- Gopalan, R.; Li, R.; and Chellappa, R. 2011. Domain adaptation for object recognition: An unsupervised approach. In *Computer Vision (ICCV), 2011 IEEE International Conference on*, 999–1006. IEEE.
- Hoffman, J.; Kulis, B.; Darrell, T.; and Saenko, K. 2012. Discovering latent domains for multisource domain adaptation. In *European Conf. on Computer Vision*.
- Jhuo, I.-H.; Liu, D.; Lee, D.; and Chang, S.-F. 2012. Robust visual domain adaptation with low-rank reconstruction. In *Computer Vision and Pattern Recognition (CVPR), 2012 IEEE Conference on*, 2168–2175. IEEE.
- Kulis, B.; Saenko, K.; and Darrell, T. 2011. What you saw is not what you get: Domain adaptation using asymmetric kernel transforms. In *Computer Vision and Pattern Recognition (CVPR), 2011 IEEE Conference on*, 1785–1792. IEEE.
- Liu, J.; Shah, M.; Kuipers, B.; and Savarese, S. 2011. Cross-view action recognition via view knowledge transfer. In *Computer Vision and Pattern Recognition (CVPR), 2011 IEEE conference on*, 3209–3216. IEEE.
- Mansour, Y.; Mohri, M.; and Rostamizadeh, A. 2009. Domain adaptation with multiple sources. *Advances in neural information processing systems* 21:1041–1048.
- Pan, S. J.; Tsang, I. W.; Kwok, J. T.; and Yang, Q. 2011. Domain adaptation via transfer component analysis. *Neural Networks, IEEE Transactions on* 22(2):199–210.
- Saenko, K.; Kulis, B.; Fritz, M.; and Darrell, T. 2010. Adapting visual category models to new domains. In *European Conf. on Computer Vision*, 213–226.
- Shannon, C. E. 2001. A mathematical theory of communication. *ACM SIGMOBILE Mobile Computing and Communications Review* 5(1):3–55.
- Shimodaira, H. 2000. Improving predictive inference under covariate shift by weighting the log-likelihood function. *Journal of statistical planning and inference* 90(2):227–244.
- Sugiyama, M.; Yamada, M.; Kimura, M.; and Hachiya, H. 2011. On information-maximization clustering: Tuning parameter selection and analytic solution. In *Proceedings of the 28th International Conference on Machine Learning (ICML-11)*, 65–72.
- Sun, Q.; Chattopadhyay, R.; Panchanathan, S.; and Ye, J. 2011. A two-stage weighting framework for multi-source domain adaptation. In *Advances in Neural Information Processing Systems*, 505–513.
- Suzuki, T.; Sugiyama, M.; Kanamori, T.; and Sese, J. 2009. Mutual information estimation reveals global associations between stimuli and biological processes. *BMC bioinformatics* 10(Suppl 1):S52.
- Wang, X.; Li, Z.; and Tao, D. 2011. Subspaces indexing model on grassmann manifold for image search. *Image Processing, IEEE Transactions on* 20(9):2627–2635.
- Xiao, M., and Guo, Y. 2012. Semi-supervised kernel matching for domain adaptation. In *AAAI*.
- Yuille, A. L., and Rangarajan, A. 2002. The concave-convex procedure (cccp). *Advances in neural information processing systems* 2:1033–1040.