

Bibliography

- [1] A. Krizhevsky, I. Sutskever, and G. E. Hinton, "2012 AlexNet," *Adv. Neural Inf. Process. Syst.*, 2012, doi: <http://dx.doi.org/10.1016/j.protcy.2014.09.007>.
- [2] K. Simonyan and A. Zisserman, "Very deep convolutional networks for large-scale image recognition," in *3rd International Conference on Learning Representations, ICLR 2015 - Conference Track Proceedings*, 2015.
- [3] K. He, X. Zhang, S. Ren, and J. Sun, "ResNet," *Proc. IEEE Comput. Soc. Conf. Comput. Vis. Pattern Recognit.*, 2016, doi: 10.1109/CVPR.2016.90.
- [4] C. Szegedy *et al.*, "Going deeper with convolutions," in *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 2015, doi: 10.1109/CVPR.2015.7298594.
- [5] G. Huang, Z. Liu, L. Van Der Maaten, and K. Q. Weinberger, "Densely connected convolutional networks," in *Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2017*, 2017, doi: 10.1109/CVPR.2017.243.
- [6] J. Deng, W. Dong, R. Socher, L.-J. Li, Kai Li, and Li Fei-Fei, "ImageNet: A large-scale hierarchical image database," 2010, doi: 10.1109/cvpr.2009.5206848.
- [7] C. Zhang, B. Recht, S. Bengio, M. Hardt, and O. Vinyals, "Understanding deep learning requires rethinking generalization," in *5th International Conference on Learning Representations, ICLR 2017 - Conference Track Proceedings*, 2019.
- [8] B. Frénay and M. Verleysen, "Classification in the presence of label noise: A survey," *IEEE Trans. Neural Networks Learn. Syst.*, 2014, doi: 10.1109/TNNLS.2013.2292894.
- [9] N. Natarajan, I. S. Dhillon, P. Ravikumar, and A. Tewari, "Learning with noisy labels," in *Advances in Neural Information Processing Systems*, 2013.
- [10] N. Nigam, T. Dutta, and H. P. Gupta, "Impact of noisy labels in learning techniques: A survey," in *Lecture Notes in Networks and Systems*, 2020.
- [11] J. Zhang, X. Wu, and V. S. Sheng, "Learning from crowdsourced labeled data: a survey," *Artif. Intell. Rev.*, 2016, doi: 10.1007/s10462-016-9491-9.
- [12] L. Jiang, Z. Zhou, T. Leung, L. J. Li, and L. Fei-Fei, "Mentornet: Learning data-driven curriculum for very deep neural networks on corrupted labels," in *35th International Conference on Machine Learning, ICML 2018*, 2018.
- [13] B. Han *et al.*, "Co-teaching: Robust training of deep neural networks with extremely noisy labels," in *Advances in Neural Information Processing Systems*, 2018.
- [14] Y. Zheng, Y. Chen, and M. Sarem, "Group-Teaching: Learning Robust CNNs from Extremely Noisy Labels," *IEEE Access*, vol. 8, pp. 34868–34879, 2020, doi: 10.1109/ACCESS.2020.2974779.
- [15] H. Song, M. Kim, D. Park, and J.-G. Lee, "Learning from Noisy Labels with Deep Neural Networks: A Survey," pp. 1–14, 2020, [Online]. Available: <http://arxiv.org/abs/2007.08199>.
- [16] B. Han *et al.*, "Co-teaching: Robust training of deep neural networks with extremely noisy labels," *Adv. Neural Inf. Process. Syst.*, vol. 2018-Decem, no. NeurIPS, pp. 8527–8537, 2018.
- [17] A. K. Menon, B. Van Rooyen, C. S. Ong, and R. C. Williamson, "Learning from corrupted binary labels via class-probability estimation," in *32nd International Conference on Machine Learning, ICML 2015*, 2015.
- [18] T. Liu and D. Tao, "Classification with Noisy Labels by Importance Reweighting," *IEEE Trans. Pattern Anal. Mach. Intell.*, 2016, doi: 10.1109/TPAMI.2015.2456899.
- [19] J. Bootkrajang and A. Kabán, "Label-noise robust logistic regression and its applications," in *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 2012, doi: 10.1007/978-3-642-33460-3_15.
- [20] S. Reed *et al.*, "TRAINING DEEP NEURAL-NETWORKS BASED ON UNRELIABLE LABELS Alan Joseph Bekker and Jacob Goldberger," *Iclr*, pp. 1–10, 2015, doi: 10.1109/ICASSP.2016.7472164.
- [21] V. Mnih and G. Hinton, "Learning to label aerial images from noisy data," in *Proceedings of the 29th International Conference on Machine Learning, ICML 2012*, 2012.
- [22] S. Sukhbaatar, J. Bruna, M. Paluri, L. Bourdev, and R. Fergus, "Training convolutional networks with noisy labels," *3rd Int. Conf. Learn. Represent. ICLR 2015 - Work. Track Proc.*, pp. 1–11, 2015.
- [23] F. Rodrigues and F. C. Pereira, "Deep learning from crowds," in *32nd AAAI Conference on Artificial Intelligence, AAAI 2018*, 2018.
- [24] D. Tanaka, D. Ikami, T. Yamasaki, and K. Aizawa, "Joint Optimization Framework for Learning with Noisy Labels," in *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern*

- Recognition*, 2018, doi: 10.1109/CVPR.2018.00582.
- [25] A. Veit, N. Alldrin, G. Chechik, I. Krasin, A. Gupta, and S. Belongie, "Learning from noisy large-scale datasets with minimal supervision," in *Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2017*, 2017, doi: 10.1109/CVPR.2017.696.
 - [26] J. Goldberger, E. Ben-reuven, and E. Faculty, "Deep Neural - Networks Using a Noise Adaptation Layer," no. 2014, pp. 1–9, 2017.
 - [27] S. E. Reed, H. Lee, D. Anguelov, C. Szegedy, D. Erhan, and A. Rabinovich, "Training deep neural networks on noisy labels with bootstrapping," in *3rd International Conference on Learning Representations, ICLR 2015 - Workshop Track Proceedings*, 2015.
 - [28] G. Patrini, A. Rozza, A. K. Menon, R. Nock, and L. Qu, "Making deep neural networks robust to label noise: A loss correction approach," in *Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2017*, 2017, doi: 10.1109/CVPR.2017.240.
 - [29] E. Malach and S. Shalev-Shwartz, "Decoupling "when to update" from "how to update"," *Nips*, no. Nips, 2017, [Online]. Available: <https://papers.nips.cc/paper/6697-decoupling-when-to-update-from-how-to-update.pdf>.
 - [30] D. E. Rumelhart, G. E. Hinton, and R. J. Williams, "Learning representations by back-propagating errors," *Nature*, 1986, doi: 10.1038/323533a0.
 - [31] LeCun Yann, Cortes Corinna, and Burges Christopher, "THE MNIST DATABASE of handwritten digits," *Courant Inst. Math. Sci.*, 1998.
 - [32] A. Krizhevsky, "Learning Multiple Layers of Features from Tiny Images," ... *Sci. Dep. Univ. Toronto, Tech.* ..., 2009, doi: 10.1.1.222.9220.
 - [33] K. He, X. Zhang, S. Ren, and J. Sun, "Delving deep into rectifiers: Surpassing human-level performance on imagenet classification," in *Proceedings of the IEEE International Conference on Computer Vision*, 2015, doi: 10.1109/ICCV.2015.123.
 - [34] D. A. Clevert, T. Unterthiner, and S. Hochreiter, "Fast and accurate deep network learning by exponential linear units (ELUs)," in *4th International Conference on Learning Representations, ICLR 2016 - Conference Track Proceedings*, 2016.
 - [35] B. Xu, N. Wang, T. Chen, and M. Li, "Empirical Evaluation of Rectified Activations in Convolutional Network," 2015, [Online]. Available: <http://arxiv.org/abs/1505.00853>.
 - [36] N. Srivastava, G. Hinton, A. Krizhevsky, I. Sutskever, and R. Salakhutdinov, "Dropout: A simple way to prevent neural networks from overfitting," *J. Mach. Learn. Res.*, 2014.
 - [37] D. P. Kingma and J. L. Ba, "Adam: A method for stochastic optimization," in *3rd International Conference on Learning Representations, ICLR 2015 - Conference Track Proceedings*, 2015.