

Data Availability Statement

“Dissecting Out-of-Distribution Detection and Open-Set Recognition:
A Critical Analysis of Methods and Benchmarks”
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All datasets used in the paper are publicly accessible for research purposes. The sources of the datasets for OOD and OSR benchmarking are as follows. CIFAR10 / CIFAR100 can be obtained from Krizhevsky et al. [2009], SVHN from Cimpoi et al. [2014], Textures from Ovidia et al. [2019], LSUN-Crop and LSUN-Resize from Yu et al. [2015], iSUN from Xu et al. [2015], Places365 from Zhou et al. [2017], TinyImageNet from Le and Yang [2015], Semantic Shift Benchmark (SSB) from Vaze et al. [2022], ImageNet from Deng et al. [2009], ImageNet-21K-P from Ridnik et al. [2021], ImageNet-C from Hendrycks and Dietterich [2019], ImageNet-R from Hendrycks et al. [2021], Waterbirds from Sagawa et al. [2019]. For the auxiliary datasets used for OE training, YFCC-15M can be downloaded from Thomee et al. [2016] and 300k random images from Hendrycks et al. [2019].

The links for these datasets are as follows:

- CIFAR10 and CIFAR100: <https://www.cs.toronto.edu/~kriz/cifar.html>.
- SVHN: <http://ufldl.stanford.edu/housenumbers/>.
- LSUN-Crop and LSUN-Resize: <https://github.com/fyu/lsun>.
- iSUN: <https://turkergaze.cs.princeton.edu/>.
- Places365: <http://places2.csail.mit.edu/>.
- TinyImageNet: <http://image-net.org/download-images>.
- Semantic Shift Benchmark (SSB): https://github.com/sgvaze/osr_closed_set_all_you_need.
- ImageNet: <https://www.image-net.org/>.
- ImageNet-21K-P: <https://github.com/Alibaba-MIIL/ImageNet21K>.
- ImageNet-C: <https://github.com/hendrycks/robustness/tree/master>.
- ImageNet-R: <https://github.com/hendrycks/imagenet-r>.
- Waterbirds: https://github.com/kohpangwei/group_DR0.
- YFCC-15M: <http://mmcommons.org/>.
- 300k random images: <https://github.com/hendrycks/outlier-exposure>.

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