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Scene Recognition with Objectness

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Highlights

- We have exploited the correlations of object configurations among different scenes to choose discriminative objects and represent image descriptors with the occurrence probabilities of discriminative objects, which eliminate the negative effects caused by common objects to enhance the inter-class discriminability.
- We have proposed a new method patch screening to prune the patches containing non-discriminative objects by the intersection of top scored objects in patches and the discriminative objects, so that we improve the generalized characteristics of the same scenes.

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