Principal Feature Visualisation in Convolutional Neural Networks Supplementary Material

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This document contais supplementary material for the paper *Principal Feature Visualisation in Convolutional Neural Networks* published at ECCV 2020 (paper ID 4198). Please see the paper for details on experimental setup. Our code is available at https://github.com/SINTEF/PFV.

1 PASCAL VOC examples

Same setup as in Section 5.2 of the paper.

1.1 Batches of 20 classes

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Fig. 1. PFV on batch of all 20 classes. Batch number 1.

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Fig. 2. PFV on batch of all 20 classes. Batch number 2.

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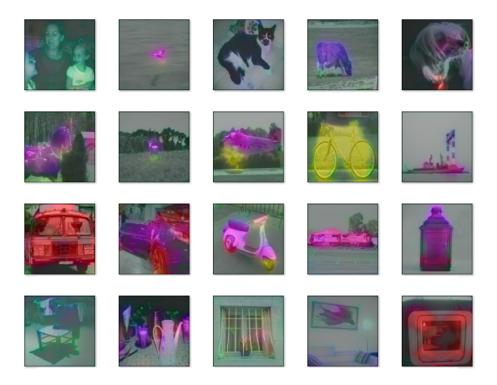


Fig. 3. PFV on batch of all 20 classes. Batch number 3.

1.2 Batches of 3 classes



Fig. 4. PFV on batch of 3 classes: Motorbike, boat and car



Fig. 5. PFV on batch of 3 classes: aeroplane, bird and sheep



Fig. 6. PFV on batch of 3 classes: chair, sofa, diningtable



Fig. 7. PFV on batch of 3 classes: boat, motorbike, car