Global Pooling, More than Meets the Eye:
Position Information is Encoded Channel-Wise in CNNs

Md Amirul Islam*1,6 Matthew Kowal*2,6 Sen Jia4
Konstantinos G. Derpanis2,5,6 Neil D. B. Bruce3,6
1Ryerson University, 2York University, 3University of Guelph, 4LG Electronics, 5Samsung AI Centre Toronto, 6Vector Institute

➢ AugShift improves the overall classification performance and the shift consistency on CIFAR-10 and CIFAR-100.

Global Pooling, More than Meets the Eye:
Position Information is Encoded Channel-Wise in CNNs

Md Amirul Islam*1,6 Matthew Kowal*2,6 Sen Jia4
Konstantinos G. Derpanis2,5,6 Neil D. B. Bruce3,6
1Ryerson University, 2York University, 3University of Guelph, 4LG Electronics, 5Samsung AI Centre Toronto, 6Vector Institute

➢ AugShift improves the overall classification performance and the shift consistency on CIFAR-10 and CIFAR-100.

Global Pooling, More than Meets the Eye:
Position Information is Encoded Channel-Wise in CNNs

Md Amirul Islam*1,6 Matthew Kowal*2,6 Sen Jia4
Konstantinos G. Derpanis2,5,6 Neil D. B. Bruce3,6
1Ryerson University, 2York University, 3University of Guelph, 4LG Electronics, 5Samsung AI Centre Toronto, 6Vector Institute

➢ AugShift improves the overall classification performance and the shift consistency on CIFAR-10 and CIFAR-100.