

Errata/Comments/Corrections

We correct minor errors that were missed during the writing, peer review & proofreading process.

— Missing 2^p factor on equation (6). Equation should be :

$$FPLBP_{P,R_1,R_2,w,\alpha} = \sum_{p=0}^{\frac{P}{2}-1} s(d(C_{R_1,p}, C_{R_2,p+\alpha}) - d(C_{R_1,p+\frac{P}{2}}, C_{R_2,p+\frac{P}{2}+\alpha})) 2^p \quad (1)$$

— Misplaced parenthesis on equation (7). Equation should be :

$$R - CRLBP_{P,R} = \sum_{p=\alpha, p+\frac{P}{4}}^{\alpha+\frac{3 \times P}{4}} s(g_p - g_{p-(\frac{P}{4})}) 2^i \quad (2)$$

with $i = \frac{p-\alpha}{\frac{P}{4}}$ and $\alpha = (0, 1, \dots, \frac{P}{4} - 1)$

— Sign error on equation (4). Equation should be :

$$XCSLBP_{P,R} = \sum_{p=0}^{\frac{P}{2}-1} s(g_1(p, c) + g_2(p, c)) 2^p \quad (3)$$

— On Table IV, the rank of the CLBP filter should be 5, and the rank of VGG-16 should be 9.

— Normalized confusion matrix have been computed on the size-balanced subset, not on the class-balanced subset (caption error).