No Attack Name Mathematical Function 1 DPA-M-PGD PGD[29][35][36] 2 DPA-M-Auto-PGD Auto-PGD[15][14] 3 DPA-M-LL-PGD LL-PGD[31] 4 DPA-M-PGD Iterative PGD Iterative[45] 5 DPA-M-PGD-Single Shot PGD-Single Shot[27] 6 DPA-M-TL-Inf/MT-L2 MT-Linf/MT-L2[25] 7 DPA-M-L-BFGS BFGS[21] 9 DPA-M-FGSM FGSM[2] 10 DPA-M-LL-FGSM LL-FGSM(Step-LL)[47] 11 DPA-M-ADA-FGSM ADA-FGSM[45] 12 DPA-M-IFGSM(MI-Linf/MI-L2) IFGSM(MI-Linf/MI-L2)[13 DPA-M-MI MI[15] 14 DPA-M-TGSM MI-FGSM(Momentum It 15 DPA-M-TGSM TGSM[41]	on
2 DPA-M-Auto-PGD Auto-PGD[15][14] 3 DPA-M-LL-PGD LL-PGD[31] 4 DPA-M-PGD Iterative PGD Iterative[45] 5 DPA-M-PGD-Single Shot PGD-Single Shot[27] 6 DPA-M-HL-Inf/MT-L2 MT-Linf/MT-L2[25] 7 DPA-M-L-BFGS BFGS[21] 9 DPA-M-FGSM FGSM[2] 10 DPA-M-LL-FGSM LL-FGSM(Step-LL)[47] 11 DPA-M-ADA-FGSM ADA-FGSM[45] 12 DPA-M-IFGSM(MI-Linf/MI-L2) IFGSM(MI-Linf/MI-L2)[13 DPA-M-MI MI[15] 14 DPA-M-MI-FGSM MI-FGSM(Momentum It	
3 DPA-M-LL-PGD LL-PGD[31] 4 DPA-M-PGD Iterative PGD Iterative[45] 5 DPA-M-PGD-Single Shot PGD-Single Shot[27] 6 DPA-M-H-Linf/MT-L2 MT-Linf/MT-L2[25] 7 DPA-M-L-BFGS BFGS[21] 9 DPA-M-FGSM FGSM[2] 10 DPA-M-LL-FGSM LL-FGSM(Step-LL)[47] 11 DPA-M-ADA-FGSM ADA-FGSM[45] 12 DPA-M-IFGSM(MI-Linf/MI-L2) IFGSM(MI-Linf/MI-L2)[13 DPA-M-MI MI[15] 14 DPA-M-MI-FGSM MI-FGSM(Momentum It	
4 DPA-M-PGD Iterative PGD Iterative[45] 5 DPA-M-PGD-Single Shot PGD-Single Shot[27] 6 DPA-M-H-Linf/MT-L2 MT-Linf/MT-L2[25] 7 DPA-M-L-BFGS BFGS[21] 9 DPA-M-FGSM FGSM[2] 10 DPA-M-LL-FGSM LL-FGSM(Step-LL)[47] 11 DPA-M-ADA-FGSM ADA-FGSM[45] 12 DPA-M-IFGSM(MI-Linf/MI-L2) 13 DPA-M-MI MI[15] 14 DPA-M-MI-FGSM MI-FGSM(Momentum It	
5 DPA-M-PGD-Single Shot PGD-Single Shot[27] 6 DPA-M-MT-Linf/MT-L2 MT-Linf/MT-L2[25] 7 DPA-M-L-BFGS BFGS[21] 9 DPA-M-FGSM FGSM[2] 10 DPA-M-LL-FGSM LL-FGSM(Step-LL)[47] 11 DPA-M-ADA-FGSM ADA-FGSM[45] 12 DPA-M-IFGSM(MI-Linf/MI-L2) IFGSM(MI-Linf/MI-L2)[13 DPA-M-MI MI[15] 14 DPA-M-MI-FGSM MI-FGSM(Momentum It	
6 DPA-M-MT-Linf/MT-L2 MT-Linf/MT-L2[25] 7 DPA-M-L-BFGS BFGS[21] 9 DPA-M-FGSM FGSM[2] 10 DPA-M-LL-FGSM LL-FGSM(Step-LL)[47] 11 DPA-M-ADA-FGSM ADA-FGSM[45] 12 DPA-M-IFGSM(MI-Linf/MI-L2) IFGSM(MI-Linf/MI-L2)[13 DPA-M-MI MI[15] 14 DPA-M-MI-FGSM MI-FGSM(Momentum It	
7 DPA-M-L-BFGS BFGS[21] 9 DPA-M-FGSM FGSM[2] 10 DPA-M-LL-FGSM LL-FGSM(Step-LL)[47] 11 DPA-M-ADA-FGSM ADA-FGSM[45] 12 DPA-M-IFGSM(MI-Linf/MI-L2) IFGSM(MI-Linf/MI-L2)[13 DPA-M-MI MI[15] 14 DPA-M-MI-FGSM MI-FGSM(Momentum It	
9 DPA-M-FGSM FGSM[2] 10 DPA-M-LL-FGSM LL-FGSM(Step-LL)[47] 11 DPA-M-ADA-FGSM ADA-FGSM[45] 12 DPA-M-IFGSM(MI-Linf/MI-L2) 13 DPA-M-MI MI[15] 14 DPA-M-MI-FGSM MI-FGSM(Momentum It	
10 DPA-M-LL-FGSM LL-FGSM(Step-LL)[47] 11 DPA-M-ADA-FGSM ADA-FGSM[45] 12 DPA-M-IFGSM(MI-Linf/MI-L2) IFGSM(MI-Linf/MI-L2)[13 DPA-M-MI MI[15] 14 DPA-M-MI-FGSM MI-FGSM(Momentum It	
11 DPA-M-ADA-FGSM ADA-FGSM[45] 12 DPA-M-IFGSM(MI-Linf/MI-L2) IFGSM(MI-Linf/MI-L2)[13 DPA-M-MI MI[15] 14 DPA-M-MI-FGSM MI-FGSM(Momentum It	
12 DPA-M-IFGSM(MI-Linf/MI-L2) IFGSM(MI-Linf/MI-L2)[13 DPA-M-MI MI[15] 14 DPA-M-MI-FGSM MI-FGSM(Momentum It	
13 DPA-M-MI MI[15] 14 DPA-M-MI-FGSM MI-FGSM(Momentum It	
14 DPA-M-MI-FGSM MI-FGSM(Momentum It	[15]
15 DPA-M-TGSM TGSM[41]	erative)[42]
16 DPA-M-IFGSM IFGSM	
17 DPA-M-ZOO ZOO[11]	
18 DPA-M-cADV cADV Colorisation attack	k[4]
19 DPA-M-tAdv tADV texture transfer att	ack
20 DPA-M-StAdv Spatial Transformation	
21 DPA-M-BIM BIM(Iterative FGSM)[29)]
22 DPA-M-BIM-A BIM-A[29]	
23 DPA-M-BIM-B BIM-B[29]	
24 DPA-M-FFF Fast Feature Fool [38]	
25 DPA-M-ILCM Iterative Least-likely class	s method[29]
26 DPA-M-BIM Momentum BIM[39]	
27 DPA-M-Shadow Attack Semantic spoofed certific	cates[22]
28 DPA-M-JSMA Gradient Based[24]	
29 DPA-M-NTM Metamorphic Relation Ba	ased [9]
30 DPA-M-MGA Momentum Gradient Bas	sed[10]
31 DPA-M-WitchCraft Gaussian Noise[12]	
32 DPA-M-QL Attack Gradient Estimation[26]	
33 DPA-M-Basic Least-Likely-Class Iterati	ive Methods[2]
34 DPA-M-One Pixel One Pixel[46]	
35 DPA-M-Momentum Iterative Momentum Iterative[19]	
36 DPA-M-JigSaw Attack UAP[37]	
37 DPA-M-UPSET and ANGRI UPSET and ANGRI[1]	
38 DPA-M-Houdini Houdini[13]	
39 DPA-M-ATN AAE-ATN[3]	
40 DPA-M-SimBA SimBA[23]	
41 DPA-M-SimBA-DCT SimBA-DCT[26]	
42 DPA-M-Patch Attack Generated Patch[33]	
43 DPA-M-Adversarial Patch Adversarial Patch[15]	
44 DPA-M-DPatch DPatch[23]	
45 DPA-M-Carlini & Wagner C&W [6]	
46 DPA-M-IFS IFS[23]	
47 DPA-M-QL Attack QL[26]	
48 DPA-M-QeBB QeBB[29]	