Zero-Shot Experiments (2)

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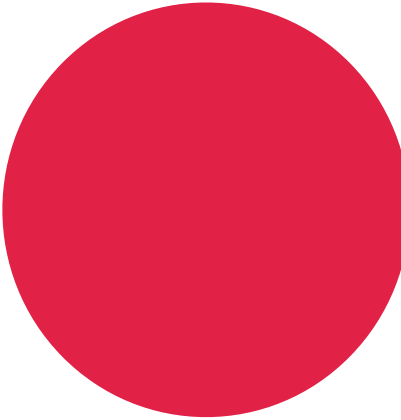
Result under the old setting

Model	F	SS	AwA 10-way 0-shot	CUB 50-way 0-shot
SJE [3]	F_G	A	66.7	50.1
ESZSL [31]	F_G	A	76.3	47.2
SSE-RELU [46]	F_V	A	76.3	30.4
JLSE [47]	F_V	A	80.5	42.1
SYNC-STRUCT [6]	F_G	A	72.9	54.5
SEC-ML [5]	F_V	A	77.3	43.3
PROTO. NETS [36]	F_G	A	-	54.6
DEVISE [11]	N_G	A/W	56.7/50.4	33.5
SOCHER *et al.* [37]	N_G	A/W	60.8/50.3	39.6
MTMDL [43]	N_G	A/W	63.7/55.3	32.3
BA *et al.* [25]	N_G	A/W	69.3/58.7	34.0
DS-SJE [30]	N_G	A/D	-	50.4/ 56.8
SAE [21]	N_G	A	84.7	61.4
DEM [45]	N_G	A/W	**86.7**/78.8	58.3
RELATION NET	N_G	A	84.5	**62.0**

Table 3: Zero-shot classification accuracy comparison on AwA and CUB under the old and conventional setting. SS: semantic space; A: attribute space; W: semantic word vector space; D: sentence description, F: how the visual feature space is computed; FG for GoogLeNet and FV for VGG net. The DNN image imbedding subnet, indicated as NG.



Zero-Shot Experiments (2)

Result under the old setting

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ESZSL [31]	F_G	A	76.3	47.2
SSE-RELU [46]	F_V	A	76.3	30.4
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Zero-Shot Experiments (3)

Result under the new setting