

Deep Metric Learning for Vehicle Re-ID

Experimental Results and Comparison

This work was carried out by Axel Mendoza

Method	mAP (%)	Rank-1	Rank-5	Model	Publication Year
FACT+Plate+SNN+STR [3]	27.77	61.44	78.78	None	2015
OIFE-4-Views [7]	48.00	89.43	?	Custom	2017
VAMI [11]	50.13	77.03	90.82	Custom	2018
Siamese-CNN+Path-LSTM [4]	58.27	83.49	90.04	ResNet-50 + LSTM	2017
Batch-Semi-Hard+softmax [1]*	53.35	82.06	92.31	ResNet-50	2018
Batch-Semi-Hard+softmax+AIC [1]	57.43	86.29	94.39	ResNet-50	2018
GAN+LSRO [9]	58.23	87.70	93.92	ResNet-50 + DCGAN	2018
Batch-Semi-Hard+softmax (Ours) [1]*	53.78	81.46	91.47	ResNet-50	2018
Batch-Hard-Aware-P2S+softmax (Ours) [1]* + [2]	56.85	84.80	92.43	ResNet-50	2018

References

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