



Data Augmentation for Scene Text Recognition

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GitHub

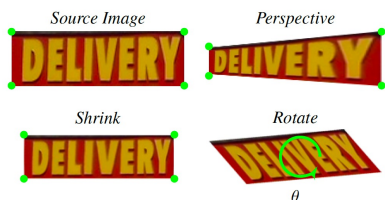
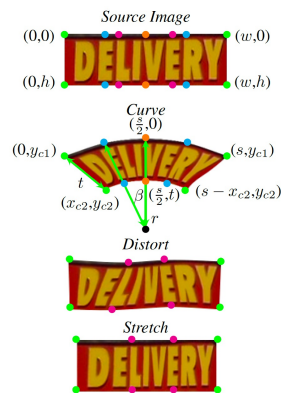
What is Scene Text Recognition (STR)?



Problem: Real scene text images have many degrees of variations such as font style, orientation, noise, blur, shape and distortion that are not present in STR synthetic train datasets.

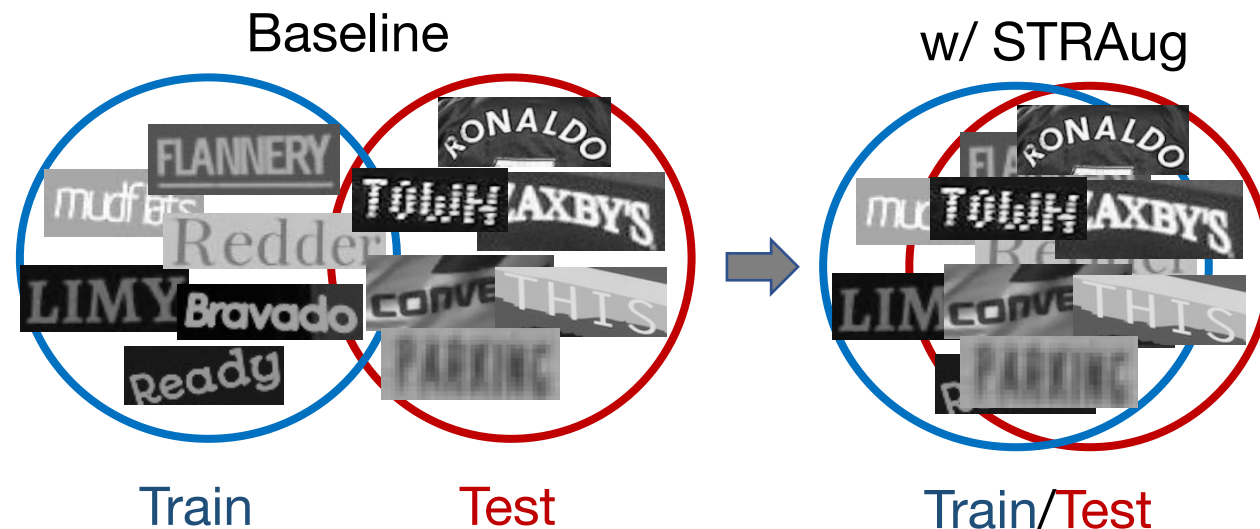
Solution: Data Augmentation for STR

- Warp
- Geometry
- Noise & Blur
- Weather
- Camera
- Image Processing



We call it **STRAug!**

Data Distributions



Results

STR Model	Input	Baseline	STRAug	%Acc Gain
Rosetta		eizu	eBizu	+2.10
R2AM		OLDTOW	OLDTOWN	+1.48