

Experiments

Misalignment of Vixen

Models	SiSNR	LSD	SSIM	PESQ	SiSPNR	MOS
Unprocessed	4.44	2.00	0.64	1.94	7.20	2.38
Oracle	-22.31	0.91	0.74	2.52	11.73	3.74
Target	128.00	0.01	1.00	4.64	110.55	3.95



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Only frequency domain metrics can be used!

Table.8 Metrics on GSR Evaluation Set, ALL-GSR

Although *MO Score* and *Target* are close, *SiNR* is significantly lower.

• Because the discriminative training and multiple loss used in Vocoder

• The mis-alignment is usually about 1~300 samples, still within the 10ms window

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Mis-alignment of VoiceFixer

Table.8 Metrics on GSR evaluation set, ALL-GSR

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Overview

