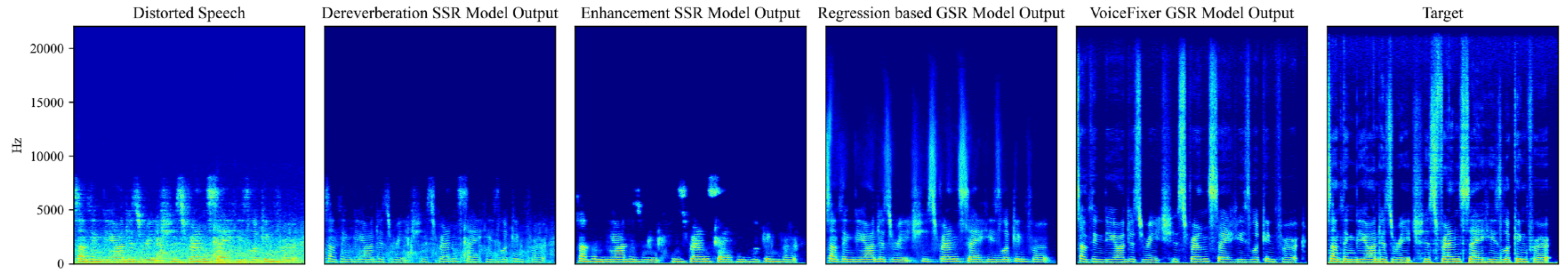# Experiments

General Speech Restoration

Comparison between different speech restoration methods

Experiments
General Speech Restoration

Table.9 Average PESQ, LSD, SiSPNR, SSIM
and MOS Score on the generic speech restoration test set ALL-GSR

Models	PESQ	LSD	SiSPNR	SSIM	MOS
Unprocessed	1.94	2.00	7.20	0.64	2.38
Oracle	2.52	0.91	11.73	0.74	3.74
Target	4.64	0.01	110.55	1.00	3.95
GSR-UNet	**2.67**	1.01	**12.19**	**0.79**	3.37
Enh-UNet	2.33	1.98	9.65	0.65	2.87
Rev-UNet	1.97	1.81	8.50	0.59	/
VF-DNN	1.55	1.18	10.13	0.68	/
VF-BiGRU	1.92	1.02	10.98	0.71	3.24
VF-UNet-S	2.01	1.02	11.09	0.71	/
VF-UNet	2.05	**1.01**	11.14	0.71	**3.62**

Figure 5: Box plot of the MOS scores on generic speech restoration task. Red solid line and green dashed line represent median and mean value.