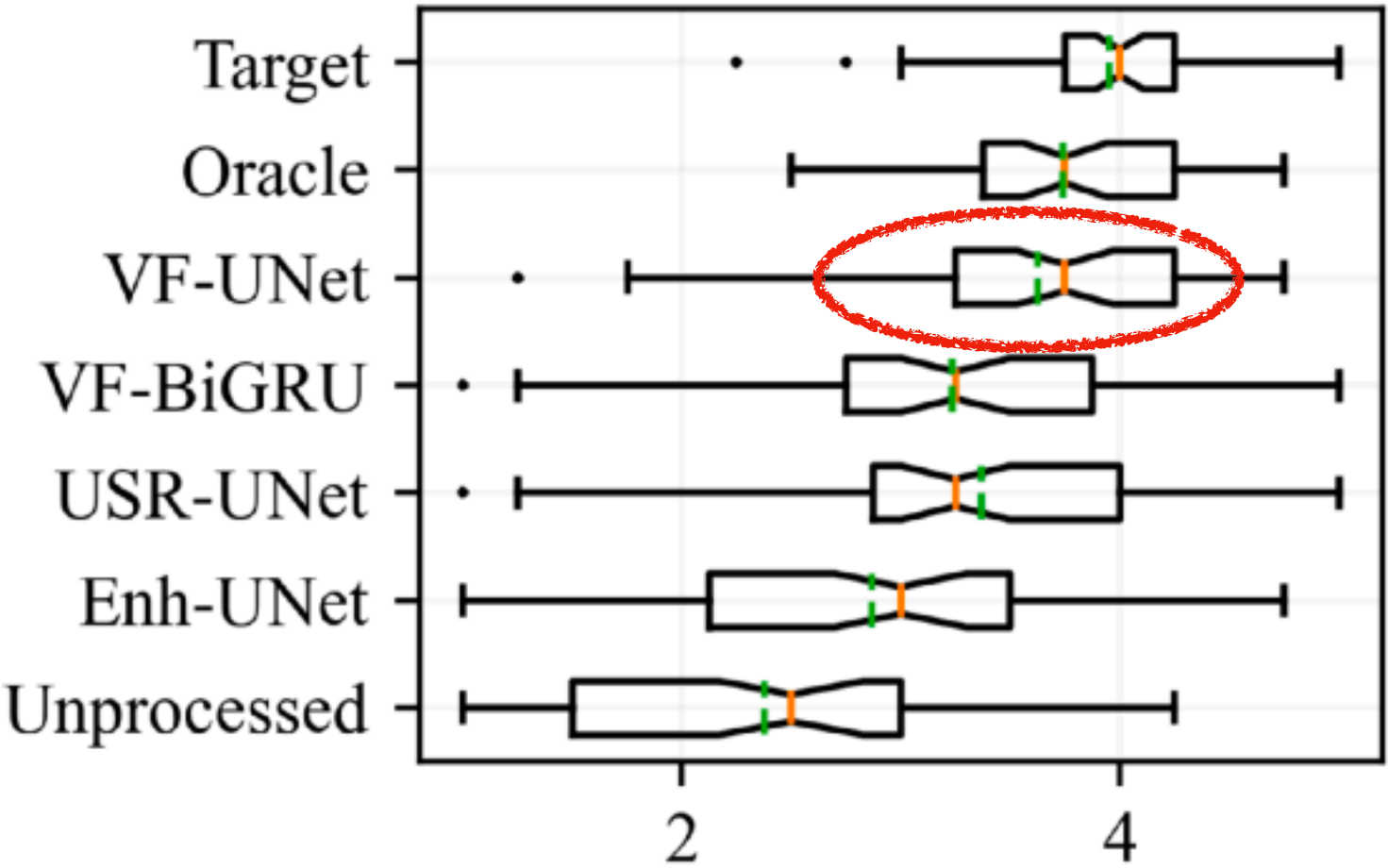# Experiments
General Speech Restoration

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

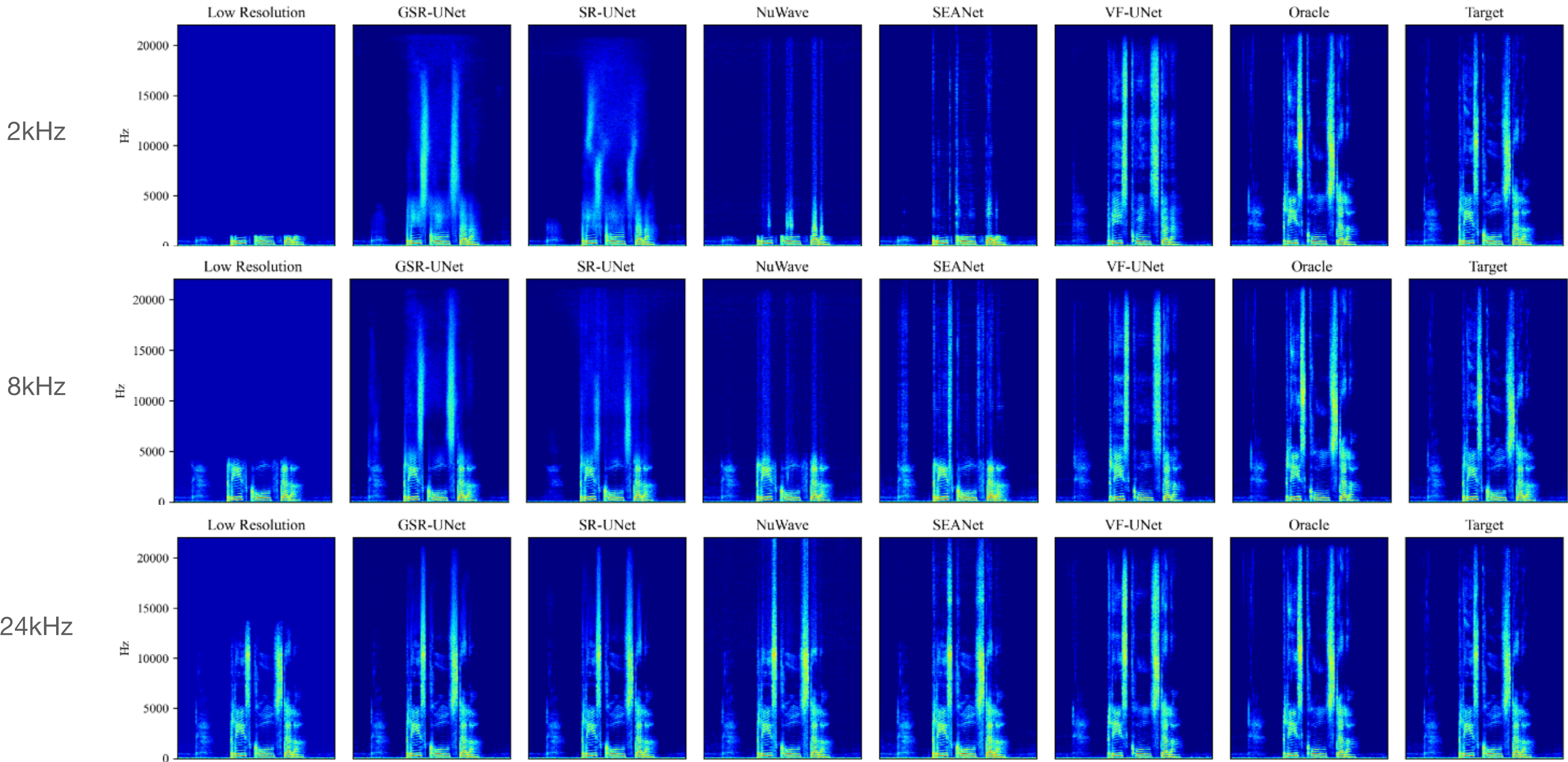| Models	PESQ	LSD	SiSPNR	SSIM	MOS
Unprocessed	1.94	2.00	7.20	0.64	2.38
Oracle	2.52	0.91	11.73	0.74	3.74
Target	4.64	0.01	110.55	1.00	3.95
GSR-UNet	**2.67**	1.01	**12.19**	**0.79**	3.37
Enh-UNet	2.33	1.98	9.65	0.65	2.87
Rev-UNet	1.97	1.81	8.50	0.59	/
VF-DNN	1.55	1.18	10.13	0.68	/
VF-BiGRU	1.92	1.02	10.98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

Experiments
Speech Super Resolution

Comparison between different speech super resolution methods