Table 8: Comparison of Models for short-term prediction. Best results and second best results are highlighted in **red** and <u>blue</u> respectively.

M4	Metric	SKOLR	KooPA	N-HiTS	N-BEATS	PatchTST	TimesNet	DLinear	MICN	KNF	FiLM	Autoformer
Year	sMAPE	**13.291**	<u>13.352</u>	13.371	13.466	13.517	13.394	13.866	14.532	13.986	14.012	14.786
	MASE	**2.996**	<u>2.997</u>	3.025	3.059	3.031	3.004	3.006	3.359	3.029	3.071	3.349
	OWA	**0.784**	<u>0.786</u>	0.790	0.797	0.795	0.787	0.802	0.867	0.804	0.815	0.874
Quarter	sMAPE	**9.986**	10.159	10.454	<u>10.074</u>	10.847	10.101	10.689	11.395	10.343	10.758	12.125
	MASE	**1.166**	1.189	1.219	<u>1.163</u>	1.315	1.183	1.294	1.379	1.202	1.306	1.483
	OWA	**0.878**	0.895	0.919	<u>0.881</u>	0.972	0.890	0.957	1.020	0.965	0.905	1.091
Month	sMAPE	**12.536**	<u>12.730</u>	12.794	12.801	14.584	12.866	13.372	13.829	12.894	13.377	15.530
	MASE	**0.921**	<u>0.953</u>	0.960	0.955	1.169	0.964	1.014	1.082	1.023	1.021	1.277
	OWA	**0.867**	0.901	0.895	<u>0.893</u>	1.055	0.894	0.940	0.988	0.985	0.944	1.139
Others	sMAPE	**4.652**	4.861	<u>4.696</u>	5.008	6.184	4.982	4.894	6.151	4.753	5.259	5.841
	MASE	3.233	**3.124**	<u>3.130</u>	3.443	4.818	3.323	3.358	4.263	3.138	3.608	4.308
	OWA	<u>0.999</u>	1.004	**0.988**	1.070	1.140	1.048	1.044	1.319	1.019	1.122	1.294
Average	sMAPE	**11.704**	<u>11.863</u>	11.960	11.910	13.022	11.930	12.418	13.023	12.126	12.489	14.057
	MASE	**1.572**	<u>1.595</u>	1.606	1.613	1.814	1.597	1.656	1.836	1.641	1.690	1.954
	OWA	**0.843**	<u>0.858</u>	0.861	0.862	0.954	0.867	0.891	0.960	0.874	0.902	1.029