

Table 2: Prediction performance comparison on the Chengdu and Shenzhen datasets. We denote the best, second-best, and third-best as bold, underlined, and double underlined, respectively. The numbers 10, 15, 30, and 60 are the different time horizons in minutes.

Model	Model Type	Chengdu								Shenzhen							
		MAE(↓)				RMSE(↓)				MAE(↓)				RMSE(↓)			
		10	15	30	60	10	15	30	60	10	15	30	60	10	15	30	60
ST-DTNN	Reptile	2.3328	2.6453	2.9217	3.4926	3.3154	3.9873	4.2318	4.8827	1.9746	2.0513	2.3968	2.9115	2.8719	3.0547	3.7118	4.3916
ST-GCN		2.3185	2.5437	2.8953	3.3658	3.3092	3.9328	4.2117	4.7949	1.9813	2.0618	2.3759	2.8963	2.8667	3.2115	3.6984	4.3257
DDGCRN		2.2968	2.6459	2.8797	3.3896	3.3043	3.6514	4.2617	4.7858	1.9547	2.1108	2.3719	2.8543	2.8749	3.0216	3.6797	4.3642
FOGS		2.2614	2.5439	2.8896	3.2958	3.2717	3.6518	4.2167	4.7156	1.9615	2.2258	2.8517	3.3159	2.8518	3.2147	4.2103	4.9718
DTAN		2.2507	2.5643	2.7898	3.2516	3.1984	3.6537	4.3118	4.6593	1.8959	2.2117	2.8448	3.3086	2.8629	3.2093	4.2164	4.9875
DASTNet		2.2937	2.5658	2.9015	3.3329	3.3617	3.7278	4.2783	4.5317	1.7458	1.9783	2.3767	2.6395	2.4519	2.7438	3.5167	4.1146
CHAMFormer		2.2913	2.5962	2.8889	3.3378	3.2949	3.7718	4.2621	4.7163	1.9073	2.1129	2.5687	2.9789	2.8087	3.0379	3.8498	4.5557
ST-GFSL	Transfer	2.1897	2.2438	<u>2.5816</u>	2.9289	3.1923	3.4567	3.8218	4.3397	1.8943	1.9878	2.3886	2.6437	2.7648	3.0459	3.4796	4.1038
TPB		2.2843	2.5436	2.8637	3.2829	3.0628	3.4573	3.8107	4.3098	1.8039	1.9678	2.2243	2.5137	2.6829	2.7863	<u>3.3247</u>	3.8169
AdaRNN		2.2608	2.4587	2.7249	3.0383	3.2318	3.7453	3.9478	4.3249	2.1078	2.2679	2.4738	2.8076	3.0417	3.3658	3.6747	4.2319
TransGTR		2.2814	<u>2.5127</u>	2.6589	<u>2.8073</u>	<u>2.9658</u>	<u>3.2318</u>	3.8157	<u>4.2639</u>	<u>1.6547</u>	<u>1.8953</u>	2.3058	<u>2.4763</u>	<u>2.6158</u>	<u>2.7063</u>	3.4919	3.7954
Cross-IDR		2.1739	2.1543	<u>2.6517</u>	2.7786	3.0987	3.3879	3.8543	4.2897	1.7857	1.9673	2.2659	2.5248	2.7117	2.8986	3.4218	3.8923
STGP	Prompt-Based	<u>1.8978</u>	<u>1.9847</u>	2.7456	<u>2.8659</u>	<u>2.8963</u>	<u>3.2297</u>	<u>3.7268</u>	<u>4.0457</u>	1.7658	<u>1.8247</u>	2.2749	2.4276	<u>2.5768</u>	<u>2.6697</u>	3.3958	<u>3.6917</u>
DynAGS		<u>1.9163</u>	<u>2.0032</u>	<u>2.7729</u>	2.8931	<u>2.9257</u>	<u>3.2619</u>	<u>3.7637</u>	<u>4.0859</u>	1.7829	<u>1.8428</u>	<u>2.2963</u>	<u>2.4517</u>	<u>2.6013</u>	<u>2.6954</u>	<u>3.4297</u>	<u>3.7279</u>
PromptST		1.9346	2.0234	2.7993	2.9229	2.9543	3.2931	3.8002	4.1267	1.8008	1.8609	2.3191	2.4759	2.6273	2.7229	3.4637	3.7633
ProST		1.9532	2.0439	2.8278	2.9513	2.9837	3.3253	3.8389	4.1661	1.8173	1.8784	2.3428	2.5007	2.6539	2.7498	3.4976	3.8009
FlashST		1.9725	2.0631	2.8542	2.9803	3.0128	3.3587	3.8751	4.2078	1.8359	1.8979	2.3657	2.5249	2.6798	2.7753	3.5318	3.8362
CAST-CKT		1.6117	1.8081	2.4186	2.6610	2.7611	3.0316	3.6360	4.0061	1.4781	1.7619	<u>2.0597</u>	<u>2.3651</u>	1.5211	2.5613	3.2873	3.5971
Std. Dev.		0.0097	0.0173	0.0189	0.0167	0.0178	0.0146	0.0114	0.0179	0.0063	0.0628	0.0324	0.0129	0.0087	0.0224	0.0183	0.0226