Table S3. Specific results of testing RMSE, R^2 and SMAPE in all monitoring stations.

							Zhonghuamen (ZHM)					
indicator	methods	1	2	3	4	5	6	7	8	9	10	11	12
RMSE	Seq2Seq_LSTM	15.44	23.46	28.94	32.79	35.49	37.36	38.71	39.75	40.65	41.54	42.46	43.39
	Seq2Seq_GRU	18.59	24.26	28.33	31.48	33.96	35.94	37.57	38.94	40.11	41.23	42.26	43.19
	Seq2Seq+Attention_LSTM	19.88	25.31	29.33	32.33	36.10	37.19	37.95	38.44	38.82	39.12	39.39	39.67
	Seq2Seq+Attention_GRU	18.71	22.98	26.49	29.31	31.56	33.33	34.73	35.84	36.71	37.46	38.12	38.69
	STALSTM	19.89	24.30	27.93	30.67	32.66	34.10	35.11	35.80	36.29	36.67	37.02	37.35
	STAGRU	18.81	23.09	26.61	29.40	31.56	33.18	34.40	35.31	35.97	36.50	36.95	37.31
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	44.28	45.09	45.79	46.35	46.75	46.99	47.06	46.98	46.74	46.38	45.94	45.51
	Seq2Seq_GRU	44.03	44.71	45.23	45.58	45.79	45.86	45.78	45.58	45.27	44.87	44.44	44.04
	Seq2Seq+Attention_LSTM	39.94	40.21	40.49	40.77	41.03	41.24	41.35	41.37	41.32	41.31	41.25	41.27
	Seq2Seq+Attention_GRU	39.18	39.61	39.97	40.29	40.59	40.78	40.92	40.95	40.85	40.63	40.30	39.96
	STALSTM	37.66	37.97	38.28	38.59	38.86	39.11	39.34	39.48	39.52	39.51	39.41	39.33
	STAGRU	37.62	37.87	38.05	38.17	38.25	38.29	38.36	38.46	38.55	38.51	38.46	38.45
R^2	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	0.916	0.806	0.705	0.621	0.556	0.508	0.473	0.444	0.418	0.392	0.365	0.337
	Seq2Seq_GRU	0.878	0.793	0.718	0.652	0.595	0.546	0.504	0.467	0.434	0.403	0.372	0.343
	Seq2Seq+Attention_LSTM	0.860	0.774	0.697	0.632	0.580	0.541	0.513	0.493	0.480	0.470	0.461	0.454
	Seq2Seq+Attention_GRU	0.876	0.814	0.753	0.697	0.649	0.609	0.575	0.548	0.525	0.506	0.488	0.473
	STALSTM	0.860	0.792	0.725	0.669	0.624	0.591	0.566	0.549	0.536	0.527	0.517	0.509
	STAGRU	0.875	0.812	0.750	0.695	0.649	0.612	0.583	0.561	0.544	0.531	0.519	0.510
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	0.310	0.284	0.262	0.243	0.230	0.222	0.220	0.223	0.231	0.243	0.257	0.271
	Seq2Seq_GRU	0.319	0.298	0.281	0.269	0.262	0.260	0.262	0.268	0.279	0.292	0.306	0.319
	Seq2Seq+Attention_LSTM	0.446	0.438	0.431	0.423	0.415	0.407	0.401	0.398	0.397	0.399	0.401	0.401
	Seq2Seq+Attention_GRU	0.459	0.447	0.437	0.428	0.420	0.414	0.410	0.409	0.412	0.419	0.428	0.438
	STALSTM	0.501	0.492	0.484	0.475	0.468	0.461	0.455	0.451	0.450	0.450	0.453	0.453
	STAGRU	0.502	0.495	0.490	0.487	0.484	0.483	0.482	0.479	0.476	0.478	0.479	0.480
SMAPE	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	30.84	40.86	46.35	49.83	52.30	54.03	55.24	56.21	57.14	58.05	58.93	59.71
	Seq2Seq_GRU	36.47	42.75	46.52	49.10	51.11	52.75	54.14	55.43	56.63	57.79	58.79	59.64
	Seq2Seq+Attention_LSTM	33.74	39.19	43.25	46.28	48.35	49.92	51.05	51.79	52.23	52.42	52.71	53.02
	Seq2Seq+Attention_GRU	35.59	40.91	44.57	47.07	48.80	49.98	50.76	51.31	51.77	52.28	52.83	53.39

	methods											
	STALSTM	35.33	39.84	43.23	45.89	47.73	49.01	49.96	50.72	51.39	52.07	52.68	53.20
	STAGRU	33.95	38.35	42.00	44.95	47.13	48.77	50.06	51.11	51.90	52.59	53.12	53.58
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	60.35	60.85	61.29	61.66	61.97	62.23	62.38	62.44	62.43	62.31	62.11	61.89
	Seq2Seq_GRU	60.31	60.76	61.04	61.21	61.33	61.43	61.46	61.45	61.35	61.15	60.92	60.71
	Seq2Seq+Attention_LSTM	53.31	53.57	53.86	54.26	54.64	55.10	55.39	55.57	55.62	55.56	55.51	55.51
	Seq2Seq+Attention_GRU	53.88	54.40	54.94	55.46	55.90	56.27	56.60	56.89	57.07	57.15	57.12	57.04
	STALSTM	53.68	54.15	54.57	54.91	55.24	55.58	55.90	56.14	56.30	56.37	56.29	56.18
	STAGRU	53.99	54.35	54.61	54.78	54.96	55.14	55.46	55.75	55.94	55.95	55.87	55.81

Xianlindaxuecheng (XLDXC)

indicator	methods	1	2	3	4	5	6	7	8	9	10	11	12
RMSE	Seq2Seq_LSTM	27.33	33.25	38.18	42.36	45.63	47.93	49.31	50.01	50.24	50.25	50.23	50.26
	Seq2Seq_GRU	21.17	28.80	34.66	39.41	43.22	46.13	48.20	49.55	50.34	50.75	50.95	51.06
	Seq2Seq+Attention_LSTM	18.44	24.12	28.41	31.59	33.89	35.45	36.42	36.97	37.22	37.29	37.27	37.22
	Seq2Seq+Attention_GRU	25.51	30.19	34.02	37.21	39.79	41.75	43.18	44.19	44.88	45.34	45.63	45.78
	STALSTM	18.35	24.01	27.88	30.65	32.69	34.19	35.25	36.00	36.50	36.83	37.08	37.29
	STAGRU	17.32	22.75	26.74	29.69	31.86	33.44	34.55	35.35	35.88	36.25	36.48	36.58
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	50.35	50.53	50.77	51.02	51.27	51.49	51.68	51.82	51.92	51.96	51.95	51.91
	Seq2Seq_GRU	51.14	51.25	51.41	51.62	51.81	51.90	51.84	51.55	51.06	50.44	49.84	49.38
	Seq2Seq+Attention_LSTM	37.22	37.31	37.52	37.81	38.16	38.49	38.74	38.89	38.91	38.84	38.76	38.79
	Seq2Seq+Attention_GRU	45.76	45.61	45.34	44.97	44.54	44.06	43.56	43.10	42.75	42.55	42.57	42.87
	STALSTM	37.51	37.79	38.15	38.58	39.07	39.52	39.88	40.12	40.17	40.05	39.79	39.54
	STAGRU	36.59	36.61	36.68	36.83	37.02	37.20	37.33	37.39	37.37	37.32	37.36	37.59
R^2	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	0.758	0.641	0.527	0.418	0.325	0.256	0.212	0.190	0.182	0.182	0.182	0.181
	Seq2Seq_GRU	0.854	0.731	0.611	0.497	0.394	0.310	0.247	0.204	0.179	0.166	0.159	0.155
	Seq2Seq+Attention_LSTM	0.889	0.811	0.738	0.676	0.627	0.593	0.570	0.557	0.551	0.549	0.550	0.551
	Seq2Seq+Attention_GRU	0.789	0.704	0.625	0.551	0.487	0.435	0.396	0.367	0.347	0.334	0.325	0.321
	STALSTM	0.890	0.813	0.748	0.695	0.653	0.621	0.597	0.580	0.568	0.560	0.554	0.549
	STAGRU	0.902	0.832	0.768	0.714	0.671	0.637	0.613	0.595	0.583	0.574	0.568	0.566
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	0.178	0.172	0.164	0.156	0.148	0.140	0.133	0.129	0.126	0.124	0.125	0.126
	Seq2Seq_GRU	0.153	0.149	0.143	0.136	0.130	0.126	0.128	0.138	0.154	0.174	0.194	0.209

	1	2	3	4	5	6	7	8	9	10	11	12
Seq2Seq+Attention_LSTM	0.551	0.548	0.543	0.536	0.527	0.519	0.513	0.509	0.509	0.510	0.512	0.512
Seq2Seq+Attention_GRU	0.321	0.325	0.333	0.344	0.356	0.370	0.384	0.397	0.407	0.412	0.412	0.404
STALSTM	0.544	0.537	0.528	0.517	0.505	0.493	0.484	0.478	0.476	0.479	0.486	0.493
STAGRU	0.566	0.565	0.563	0.560	0.555	0.551	0.547	0.546	0.546	0.548	0.547	0.541

SMAPE	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	41.06	48.17	53.37	57.32	60.17	62.04	62.97	63.30	63.40	63.48	63.43	63.43
	Seq2Seq_GRU	36.46	44.14	49.62	53.73	56.84	59.09	60.63	61.57	62.12	62.62	63.18	63.70
	Seq2Seq+Attention_LSTM	31.81	38.09	42.40	45.45	47.70	49.17	50.09	50.69	50.92	50.99	51.02	51.02
	Seq2Seq+Attention_GRU	36.43	41.91	45.95	49.09	51.51	53.45	54.86	55.78	56.43	56.95	57.35	57.63
	STALSTM	32.58	38.68	42.61	45.19	47.20	48.54	49.56	50.28	50.76	51.12	51.40	51.64
	STAGRU	30.12	36.63	41.18	44.26	46.44	48.08	49.32	50.24	50.86	51.31	51.62	51.80
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	63.45	63.51	63.72	64.04	64.40	64.76	65.03	65.19	65.25	65.23	65.12	65.04
	Seq2Seq_GRU	64.13	65.58	65.03	65.38	65.58	65.70	65.56	65.18	64.64	63.99	63.41	63.00
	Seq2Seq+Attention_LSTM	50.98	51.08	51.30	51.54	51.85	52.22	52.57	52.85	53.04	53.13	53.16	53.26
	Seq2Seq+Attention_GRU	57.73	57.68	57.51	57.23	56.84	56.41	55.99	55.59	55.29	55.11	55.02	55.12
	STALSTM	51.89	52.17	52.50	52.90	53.34	53.72	54.09	54.41	54.55	54.52	54.41	54.22
	STAGRU	51.79	51.79	51.85	51.92	51.96	51.99	52.05	52.12	52.13	52.08	52.08	52.23

Aotizhongxin (ATZX)

indicator	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	19.36	25.20	30.26	34.46	37.87	40.56	42.68	44.31	45.57	46.58	47.42	48.12
	Seq2Seq_GRU	14.73	23.23	28.78	32.59	35.24	37.10	38.45	39.49	40.36	41.18	41.99	42.78
	Seq2Seq+Attention_LSTM	18.16	24.14	28.41	31.62	34.04	35.81	37.08	37.99	38.68	39.23	39.71	40.14
	Seq2Seq+Attention_GRU	18.55	23.51	27.11	30.00	32.33	34.11	35.39	36.27	36.82	37.21	37.51	37.75
	STALSTM	18.63	23.88	27.82	30.81	33.05	34.72	36.01	37.01	37.81	38.46	39.02	39.50
	STAGRU	18.78	23.93	27.78	30.71	32.91	34.50	35.62	36.37	36.77	36.98	37.11	37.18
RMSE	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	48.68	49.09	49.33	49.42	49.37	49.25	49.05	48.80	48.56	48.40	48.42	48.72
	Seq2Seq_GRU	43.52	44.14	44.59	44.85	44.94	44.88	44.69	44.41	44.09	43.80	43.59	43.54
	Seq2Seq+Attention_LSTM	40.49	40.76	40.88	40.93	40.92	40.86	40.74	40.52	40.18	39.73	39.27	38.92
	Seq2Seq+Attention_GRU	37.99	38.22	38.45	38.69	38.96	39.25	39.48	39.58	39.51	39.28	38.97	38.76
	STALSTM	39.85	40.11	40.28	40.41	40.47	40.45	40.33	40.14	39.81	39.38	38.94	38.66
	STAGRU	37.26	37.36	37.42	37.52	37.69	37.93	38.19	38.42	38.55	38.56	38.50	38.47
R^2	methods	1	2	3	4	5	6	7	8	9	10	11	12

methods	1	2	3	4	5	6	7	8	9	10	11	12
Seq2Seq_LSTM	0.880	0.796	0.707	0.620	0.541	0.473	0.417	0.372	0.335	0.306	0.280	0.258
Seq2Seq_GRU	0.930	0.827	0.734	0.660	0.602	0.559	0.527	0.501	0.478	0.457	0.435	0.414
Seq2Seq+Attention_LSTM	0.894	0.813	0.741	0.680	0.629	0.589	0.560	0.538	0.521	0.507	0.495	0.484
Seq2Seq+Attention_GRU	0.890	0.823	0.765	0.712	0.666	0.628	0.599	0.579	0.566	0.557	0.550	0.544
STALSTM	0.888	0.817	0.752	0.696	0.650	0.614	0.585	0.561	0.542	0.526	0.512	0.500
STAGRU	0.887	0.816	0.753	0.698	0.653	0.619	0.594	0.576	0.567	0.562	0.559	0.557
methods	13	14	15	16	17	18	19	20	21	22	23	24
Seq2Seq_LSTM	0.241	0.228	0.220	0.217	0.219	0.222	0.229	0.236	0.244	0.249	0.248	0.239
Seq2Seq_GRU	0.393	0.375	0.363	0.355	0.352	0.354	0.359	0.367	0.376	0.385	0.391	0.392
Seq2Seq+Attention_LSTM	0.475	0.468	0.464	0.463	0.463	0.465	0.468	0.473	0.482	0.494	0.506	0.514
Seq2Seq+Attention_GRU	0.538	0.532	0.526	0.520	0.514	0.506	0.501	0.498	0.500	0.506	0.513	0.519
STALSTM	0.491	0.484	0.480	0.476	0.475	0.475	0.478	0.483	0.492	0.503	0.514	0.521
STAGRU	0.555	0.553	0.551	0.548	0.544	0.539	0.532	0.526	0.523	0.523	0.525	0.525

indicator	methods	1	2	3	4	5	6	7	8	9	10	11	12
SMAPE	Seq2Seq_LSTM	31.54	37.17	41.68	45.18	47.93	50.59	52.64	54.23	55.53	56.70	57.63	58.31
	Seq2Seq_GRU	24.82	35.64	41.71	45.47	48.12	49.98	51.29	52.25	52.95	53.61	54.26	54.87
	Seq2Seq+Attention_LSTM	29.12	35.23	39.14	41.90	44.23	45.99	47.27	48.25	49.05	49.95	50.81	51.46
	Seq2Seq+Attention_GRU	31.83	36.99	40.37	42.89	44.77	46.28	47.35	48.10	48.64	49.12	49.55	49.85
	STALSTM	29.01	34.54	38.49	41.41	43.70	45.28	46.50	47.51	48.55	49.50	50.30	50.91
	STAGRU	31.69	36.58	40.30	42.56	44.52	46.05	47.19	47.93	48.50	48.77	49.02	49.15
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	58.75	59.02	59.11	59.08	59.00	58.89	58.79	58.64	58.49	58.43	58.48	58.71
	Seq2Seq_GRU	55.42	55.86	56.15	56.31	56.41	56.43	56.42	56.37	56.28	56.18	56.05	55.98
	Seq2Seq+Attention_LSTM	51.91	52.20	52.33	52.39	52.45	52.59	52.71	52.71	52.53	52.18	51.69	51.26
	Seq2Seq+Attention_GRU	50.10	50.31	50.52	50.73	51.09	51.54	51.90	52.17	52.25	52.08	51.77	51.55
	STALSTM	51.30	51.51	51.70	51.84	51.98	52.15	52.26	52.27	52.07	51.70	51.31	50.95
	STAGRU	49.27	49.41	49.46	49.56	49.75	50.08	50.57	50.95	51.20	51.22	51.05	50.91

Shanxilu (SXL)

indicator	methods	1	2	3	4	5	6	7	8	9	10	11	12
RMSE	Seq2Seq_LSTM	20.69	29.01	36.45	42.26	46.38	49.07	50.61	51.32	51.45	51.24	50.84	50.34
	Seq2Seq_GRU	22.54	29.88	35.71	40.56	44.53	47.67	50.05	51.73	52.81	53.40	53.59	53.43
	Seq2Seq+Attention_LSTM	19.13	24.12	28.53	31.60	33.94	35.49	36.46	37.04	37.37	37.61	37.80	37.99
	Seq2Seq+Attention_GRU	20.83	26.16	30.33	33.55	36.02	37.92	39.39	40.53	41.43	42.16	42.70	43.00
	STALSTM	17.36	22.94	27.07	29.98	32.03	33.50	34.55	35.32	35.87	36.30	36.64	36.93

methods												
STAGRU	17.66	23.00	27.05	30.09	32.20	33.87	34.92	35.56	35.93	36.12	36.23	36.27
methods	13	14	15	16	17	18	19	20	21	22	23	24
Seq2Seq_LSTM	49.82	49.31	48.83	48.40	48.03	47.71	47.45	47.22	47.01	46.85	46.78	46.92
Seq2Seq_GRU	52.97	52.24	51.35	50.38	49.45	48.67	48.10	47.73	47.49	47.34	47.29	47.40
Seq2Seq+Attention_LSTM	38.20	38.44	38.74	39.12	39.57	40.08	40.58	40.99	41.31	41.47	41.50	41.44
Seq2Seq+Attention_GRU	43.05	42.86	42.50	42.01	41.47	40.92	40.39	39.91	39.51	39.24	39.15	39.28
STALSTM	37.19	37.45	37.78	38.17	38.64	39.12	39.47	39.66	39.74	39.74	39.68	39.61
STAGRU	36.28	36.29	36.32	36.41	36.61	36.92	37.26	37.59	37.90	38.16	38.36	38.58

	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	0.841	0.689	0.509	0.340	0.205	0.110	0.053	0.027	0.022	0.030	0.045	0.063
	Seq2Seq_GRU	0.812	0.670	0.528	0.392	0.267	0.160	0.074	0.011	0.030	0.053	0.061	0.055
	Seq2Seq+Attention_LSTM	0.864	0.784	0.702	0.630	0.574	0.534	0.508	0.493	0.483	0.477	0.472	0.466
	Seq2Seq+Attention_GRU	0.839	0.746	0.659	0.583	0.520	0.468	0.426	0.393	0.365	0.343	0.326	0.316
	STALSTM	0.888	0.805	0.729	0.667	0.620	0.585	0.558	0.539	0.524	0.513	0.503	0.496
	STAGRU	0.884	0.804	0.729	0.665	0.614	0.576	0.549	0.532	0.523	0.517	0.514	0.513
R^2	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	0.083	0.101	0.118	0.133	0.147	0.158	0.167	0.175	0.182	0.188	0.190	0.186
	Seq2Seq_GRU	0.036	0.009	0.024	0.061	0.095	0.123	0.144	0.157	0.166	0.171	0.173	0.169
	Seq2Seq+Attention_LSTM	0.460	0.453	0.445	0.434	0.420	0.405	0.391	0.378	0.369	0.364	0.363	0.365
	Seq2Seq+Attention_GRU	0.314	0.320	0.332	0.347	0.364	0.380	0.396	0.411	0.422	0.430	0.433	0.429
	STALSTM	0.488	0.481	0.472	0.461	0.447	0.434	0.423	0.418	0.416	0.415	0.417	0.420
	STAGRU	0.513	0.513	0.512	0.509	0.504	0.495	0.486	0.477	0.468	0.461	0.455	0.449

	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	30.99	39.36	46.94	52.85	56.72	58.95	60.09	60.54	60.57	60.35	59.95	59.37
	Seq2Seq_GRU	35.26	43.01	49.48	54.68	59.04	62.14	64.41	65.99	67.00	67.42	67.44	66.99
	Seq2Seq+Attention_LSTM	28.47	34.26	38.39	41.39	43.50	44.83	45.66	46.15	46.45	46.61	46.76	46.89
	Seq2Seq+Attention_GRU	31.30	36.73	40.32	42.92	44.95	46.59	47.85	48.79	49.60	50.34	50.98	51.40
	STALSTM	25.90	32.28	36.74	39.78	41.75	43.02	43.89	44.57	45.03	45.41	45.69	45.91
SMAPE	STAGRU	27.39	33.59	37.17	39.93	41.99	43.47	44.47	45.04	45.32	45.48	45.61	45.72
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	58.69	58.00	57.36	56.79	56.32	55.98	55.79	55.70	55.64	55.59	55.60	55.77
	Seq2Seq_GRU	66.15	64.95	63.48	61.86	60.25	58.93	57.93	57.26	56.77	56.39	56.18	56.21
	Seq2Seq+Attention_LSTM	47.03	47.16	47.33	47.33	47.81	48.17	48.60	49.05	49.48	49.80	49.98	50.12
	Seq2Seq+Attention_GRU	51.55	51.46	51.10	50.56	50.00	49.49	49.05	48.68	48.39	48.18	48.11	48.24
	STALSTM	46.04	46.18	46.41	46.67	47.03	47.40	47.73	48.00	48.20	48.34	48.48	48.68

	STAGRU	45.82	45.86	45.90	45.93	46.05	46.32	46.69	47.03	47.33	47.54	47.71	47.96

Pukou (PK)													

indicator	methods	1	2	3	4	5	6	7	8	9	10	11	12
RMSE	Seq2Seq_LSTM	15.56	23.70	28.87	32.37	34.77	36.38	37.45	38.19	38.80	39.46	40.28	41.25
	Seq2Seq_GRU	18.32	26.64	32.66	37.15	40.37	42.53	43.81	44.40	44.50	44.30	43.94	43.50
	Seq2Seq+Attention_LSTM	19.54	24.14	27.93	30.94	33.24	34.90	36.02	36.71	37.14	37.47	37.79	38.14
	Seq2Seq+Attention_GRU	18.84	23.58	28.06	32.03	35.22	37.57	39.13	40.00	40.29	40.19	39.86	39.39
	STALSTM	20.54	24.86	28.31	30.96	32.81	33.97	34.66	35.03	35.25	35.45	35.73	36.07
	STAGRU	20.67	25.36	28.70	31.12	32.87	34.11	34.96	35.55	35.87	36.13	36.44	36.84
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	42.35	43.51	44.69	45.82	46.86	47.76	48.43	48.86	49.03	48.93	48.61	48.11
	Seq2Seq_GRU	43.01	42.50	41.99	41.56	41.24	41.04	40.92	40.89	40.97	41.19	41.62	42.32
	Seq2Seq+Attention_LSTM	38.47	38.79	39.10	39.38	39.64	39.84	39.94	39.94	39.84	39.68	39.53	39.46
	Seq2Seq+Attention_GRU	38.88	38.40	38.00	37.73	37.60	37.57	37.54	37.52	37.51	37.55	37.75	38.21
	STALSTM	36.46	36.87	37.29	37.68	38.01	38.24	38.33	38.30	38.19	38.10	38.07	38.14
	STAGRU	37.25	37.65	37.98	38.24	38.43	38.51	38.48	38.37	38.24	38.14	38.16	38.31
R²	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	0.913	0.799	0.702	0.626	0.568	0.527	0.499	0.479	0.463	0.444	0.421	0.392
	Seq2Seq_GRU	0.880	0.746	0.619	0.507	0.418	0.354	0.315	0.296	0.293	0.300	0.311	0.325
	Seq2Seq+Attention_LSTM	0.863	0.792	0.721	0.658	0.606	0.565	0.537	0.519	0.508	0.499	0.490	0.481
	Seq2Seq+Attention_GRU	0.873	0.801	0.719	0.633	0.557	0.496	0.453	0.429	0.420	0.423	0.433	0.446
	STALSTM	0.849	0.779	0.714	0.658	0.615	0.588	0.571	0.562	0.556	0.551	0.544	0.535
	STAGRU	0.847	0.770	0.706	0.654	0.614	0.584	0.563	0.549	0.541	0.534	0.526	0.515
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	0.360	0.324	0.287	0.250	0.216	0.185	0.162	0.147	0.142	0.145	0.157	0.174
	Seq2Seq_GRU	0.339	0.355	0.370	0.383	0.393	0.398	0.402	0.403	0.401	0.394	0.382	0.361
	Seq2Seq+Attention_LSTM	0.472	0.463	0.454	0.446	0.439	0.433	0.430	0.430	0.433	0.438	0.442	0.445
	Seq2Seq+Attention_GRU	0.460	0.473	0.484	0.491	0.495	0.496	0.496	0.497	0.497	0.496	0.491	0.479
	STALSTM	0.525	0.514	0.503	0.493	0.484	0.477	0.475	0.476	0.479	0.482	0.483	0.481
	STAGRU	0.505	0.494	0.485	0.478	0.472	0.470	0.471	0.474	0.478	0.480	0.480	0.476
SMAPE	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	23.34	32.83	37.85	40.79	42.36	43.96	44.89	45.55	46.15	46.82	47.58	48.39
	Seq2Seq_GRU	25.13	33.88	39.71	43.70	46.24	47.78	48.45	48.45	48.22	48.03	47.78	47.52
	Seq2Seq+Attention_LSTM	26.07	31.01	34.71	37.46	39.52	40.97	41.98	42.78	43.28	43.68	44.07	44.49

methods											
Seq2Seq+Attention_GRU	29.75	33.16	36.11	38.8	41.02	42.75	44.00	44.80	45.24	45.47	45.46	45.39
STALSTM	28.92	32.63	35.54	37.74	39.33	40.43	41.2	41.76	42.12	42.44	42.82	43.25
STAGRU	29.54	33.61	36.44	38.5	40.12	41.36	42.28	43.07	43.43	43.75	44.13	44.62

methods	13	14	15	16	17	18	19	20	21	22	23	24
Seq2Seq_LSTM	49.20	50.00	50.72	51.37	51.94	52.49	52.94	53.31	53.55	53.67	53.71	53.70
Seq2Seq_GRU	47.26	47.06	46.87	46.66	46.53	46.46	46.39	46.32	46.3	46.4	46.64	47.15
Seq2Seq+Attention_LSTM	44.93	45.33	45.75	46.14	46.42	46.62	46.72	46.75	46.71	46.61	46.51	46.46
Seq2Seq+Attention_GRU	45.33	45.35	45.38	45.49	45.66	45.81	45.88	45.89	45.85	45.83	45.93	46.19
STALSTM	43.76	44.32	44.87	45.33	45.69	45.94	46.07	46.15	46.17	46.22	46.3	46.39
STAGRU	45.09	45.57	45.92	46.17	46.31	46.38	46.35	46.31	46.31	46.37	46.53	46.79

Xuanwuhu (XWH)

indicator	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	21.25	26.44	30.78	34.23	36.9	38.91	40.46	41.73	42.81	43.8	44.73	45.55
	Seq2Seq_GRU	23.31	28.45	33.37	37.47	40.67	42.99	44.59	45.63	46.25	46.65	46.93	47.12
	Seq2Seq+Attention_LSTM	18.25	23.97	28.29	31.59	34.03	35.63	36.55	36.98	37.09	37.07	37.02	37.00
	Seq2Seq+Attention_GRU	19.69	24.81	28.31	30.84	32.72	34.08	35.03	35.68	36.15	36.58	37.07	37.61
	STALSTM	18.42	24.22	28.15	30.90	32.85	34.13	34.91	35.34	35.55	35.67	35.83	36.02
	STAGRU	18.14	23.31	26.93	29.53	31.36	32.62	33.46	33.99	34.36	34.61	34.85	35.10
RMSE	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	46.24	46.76	47.08	47.22	47.22	47.15	47.06	46.99	46.95	46.95	46.97	47.02
	Seq2Seq_GRU	47.21	47.25	47.23	47.14	47.04	46.97	46.92	46.88	46.82	46.78	46.75	46.76
	Seq2Seq+Attention_LSTM	37.02	37.13	37.32	37.59	37.96	38.41	38.88	39.29	39.56	39.74	39.85	39.99
	Seq2Seq+Attention_GRU	38.18	38.78	39.39	39.98	40.53	41.04	41.47	41.75	41.85	41.79	41.61	41.37
	STALSTM	36.27	36.60	37.01	37.50	38.06	38.68	39.29	39.76	40.07	40.27	40.39	40.48
	STAGRU	35.36	35.64	35.92	36.19	36.45	36.73	37.02	37.28	37.51	37.74	37.96	38.21

indicator	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	0.833	0.742	0.650	0.568	0.498	0.441	0.396	0.358	0.324	0.292	0.262	0.235
	Seq2Seq_GRU	0.799	0.701	0.589	0.482	0.390	0.318	0.267	0.232	0.211	0.197	0.188	0.181
	Seq2Seq+Attention_LSTM	0.877	0.788	0.705	0.632	0.573	0.532	0.507	0.496	0.493	0.493	0.494	0.495
R^2	Seq2Seq+Attention_GRU	0.856	0.772	0.704	0.649	0.605	0.571	0.547	0.530	0.518	0.506	0.493	0.478
	STALSTM	0.874	0.783	0.707	0.647	0.602	0.570	0.550	0.539	0.534	0.530	0.526	0.521
	STAGRU	0.878	0.799	0.732	0.678	0.637	0.607	0.587	0.574	0.564	0.558	0.552	0.545
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	0.211	0.193	0.182	0.177	0.177	0.18	0.183	0.185	0.187	0.187	0.186	0.185

	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_GRU	0.178	0.176	0.177	0.18	0.183	0.186	0.187	0.189	0.191	0.193	0.193	0.194
	Seq2Seq+Attention_LSTM	0.494	0.491	0.486	0.478	0.468	0.455	0.442	0.430	0.423	0.418	0.414	0.410
	Seq2Seq+Attention_GRU	0.462	0.445	0.427	0.410	0.394	0.378	0.365	0.357	0.354	0.355	0.361	0.369
	STALSTM	0.514	0.505	0.494	0.481	0.465	0.447	0.430	0.416	0.407	0.402	0.398	0.395
	STAGRU	0.538	0.531	0.524	0.516	0.509	0.502	0.494	0.487	0.481	0.474	0.468	0.461
SMAPE	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	33.71	39.74	44.68	48.30	50.91	52.84	54.24	55.45	56.39	57.19	57.92	58.59
	Seq2Seq_GRU	38.79	45.16	51.22	56.12	59.46	61.59	62.67	63.07	63.01	62.77	62.51	62.20
	Seq2Seq+Attention_LSTM	31.68	38.25	42.88	46.13	48.52	50.05	50.88	51.26	51.36	51.38	51.42	51.43
	Seq2Seq+Attention_GRU	35.59	40.91	44.57	47.07	48.80	49.98	50.76	51.31	51.77	52.28	52.83	53.39
	STALSTM	32.29	39.04	43.29	46.08	47.98	49.09	49.76	50.10	50.24	50.39	50.52	50.75
	STAGRU	32.07	37.78	41.64	44.48	46.37	47.59	48.39	49.02	49.47	49.84	50.25	50.57
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	59.12	59.55	59.86	60.02	60.13	60.18	60.21	60.25	60.32	60.39	60.45	60.51
	Seq2Seq_GRU	61.87	61.55	61.30	61.05	60.87	60.72	60.63	60.51	60.37	60.25	60.19	60.27
	Seq2Seq+Attention_LSTM	51.48	51.55	51.72	51.95	52.26	52.67	53.18	53.69	54.10	54.40	54.59	54.79
	Seq2Seq+Attention_GRU	53.88	54.40	54.94	55.46	55.90	56.27	56.60	56.89	57.07	57.15	57.12	57.04
	STALSTM	50.96	51.27	51.66	52.15	52.67	53.27	53.86	54.40	54.88	55.26	55.50	55.70
	STAGRU	50.83	51.02	51.27	51.52	51.7	51.92	52.20	52.53	52.82	53.09	53.36	53.58

Ruijinlu (RJL)													
indicator	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	25.53	33.91	41.54	47.11	50.76	52.86	53.82	54.01	53.68	53.08	52.38	51.72
	Seq2Seq_GRU	17.52	23.45	28.98	33.80	37.90	41.26	43.87	45.75	46.87	47.34	47.31	46.95
	Seq2Seq+Attention_LSTM	18.13	23.94	27.75	30.50	32.53	33.99	35.06	35.83	36.41	36.93	37.45	37.98
	Seq2Seq+Attention_GRU	16.46	22.16	27.08	30.83	33.60	35.65	37.14	38.22	38.94	39.41	39.72	39.95
	STALSTM	18.51	23.38	26.86	29.50	31.53	33.13	34.24	35.10	35.71	36.26	36.80	37.36
	STAGRU	17.98	22.32	25.63	28.15	30.07	31.51	32.59	33.39	33.99	34.51	34.98	35.44
RMSE	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	51.19	50.82	50.62	50.56	50.59	50.68	50.76	50.81	50.85	50.93	51.12	51.52
	Seq2Seq_GRU	46.45	45.99	45.69	45.59	45.64	45.77	45.89	45.87	45.67	45.33	45.00	44.87
	Seq2Seq+Attention_LSTM	38.53	39.07	39.56	39.97	40.29	40.49	40.57	40.52	40.34	40.06	39.72	39.42
	Seq2Seq+Attention_GRU	40.16	40.38	40.60	40.87	41.14	41.39	41.60	41.71	41.76	41.83	42.00	42.35
	STALSTM	37.93	38.50	39.03	39.49	39.79	39.98	40.02	39.90	39.61	39.26	38.87	38.58
	STAGRU	35.91	36.43	36.74	37.05	37.31	37.49	37.59	37.63	37.59	37.49	37.38	37.31

	methods	1	2	3	4	5	6	7	8	9	10	11	12
R^2	Seq2Seq_LSTM	0.780	0.612	0.419	0.253	0.133	0.059	0.025	0.018	0.03	0.051	0.076	0.099
	Seq2Seq_GRU	0.896	0.814	0.717	0.615	0.516	0.426	0.352	0.295	0.260	0.245	0.246	0.257
	Seq2Seq+Attention_LSTM	0.889	0.807	0.740	0.687	0.644	0.611	0.586	0.568	0.553	0.541	0.528	0.514
	Seq2Seq+Attention_GRU	0.908	0.834	0.753	0.680	0.619	0.572	0.535	0.508	0.489	0.477	0.468	0.462
	STALSTM	0.884	0.815	0.757	0.707	0.665	0.63	0.605	0.585	0.570	0.557	0.543	0.530
	STAGRU	0.891	0.832	0.778	0.733	0.695	0.665	0.642	0.624	0.611	0.599	0.587	0.576
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	0.117	0.130	0.136	0.138	0.137	0.134	0.131	0.129	0.128	0.125	0.119	0.105
	Seq2Seq_GRU	0.273	0.287	0.296	0.299	0.297	0.293	0.289	0.290	0.296	0.307	0.317	0.321
	Seq2Seq+Attention_LSTM	0.500	0.486	0.472	0.461	0.453	0.447	0.445	0.446	0.451	0.459	0.468	0.476
	Seq2Seq+Attention_GRU	0.456	0.450	0.444	0.437	0.429	0.422	0.416	0.413	0.411	0.410	0.405	0.395
	STALSTM	0.515	0.500	0.486	0.474	0.466	0.460	0.459	0.463	0.471	0.480	0.490	0.498
	STAGRU	0.565	0.555	0.545	0.537	0.530	0.526	0.523	0.522	0.523	0.526	0.529	0.530
SMAPE	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	35.57	46.85	58.25	66.10	70.06	71.09	70.66	69.89	68.75	67.52	66.41	65.52
	Seq2Seq_GRU	29.54	35.35	41.19	46.28	50.84	54.65	57.64	59.7	60.64	60.82	60.55	60.10
	Seq2Seq+Attention_LSTM	30.78	37.60	40.89	42.93	44.76	46.03	47.02	47.84	48.73	49.39	50.17	51.10
	Seq2Seq+Attention_GRU	29.37	34.96	40.34	44.29	46.85	48.70	49.98	50.82	51.51	52.25	53.00	53.51
	STALSTM	31.52	36.81	39.92	42.14	44.12	45.79	46.82	47.55	48.19	48.82	49.65	50.54
	STAGRU	32.83	36.95	39.86	41.97	43.62	44.83	45.86	46.65	47.50	48.03	48.59	49.22
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	64.83	64.34	64.03	63.83	63.79	63.86	63.94	64.01	64.07	64.18	64.39	64.8
	Seq2Seq_GRU	59.73	59.36	59.09	58.91	58.87	58.92	59.05	59.09	58.94	58.65	58.34	58.21
	Seq2Seq+Attention_LSTM	51.89	52.52	53.02	53.42	53.87	54.35	54.77	55.01	55.12	55.05	54.79	54.49
	Seq2Seq+Attention_GRU	53.91	54.20	54.36	54.45	54.57	54.78	55.05	55.32	55.57	55.85	56.18	56.58
	STALSTM	51.37	52.09	52.55	53.07	53.44	53.82	54.14	54.25	54.14	53.85	53.41	52.99
	STAGRU	49.84	50.47	50.88	51.28	51.67	51.95	52.17	52.29	52.34	52.19	51.94	51.86

Caochangmen (CCM)													
indicator	methods	1	2	3	4	5	6	7	8	9	10	11	12
RMSE	Seq2Seq_LSTM	24.55	32.99	39.51	44.06	47.07	48.97	50.1	50.71	50.99	51.04	50.94	50.72
	Seq2Seq_GRU	24.99	28.86	32.79	36.29	39.22	41.59	43.54	45.17	46.6	47.89	49.06	50.09
	Seq2Seq+Attention_LSTM	17.66	22.87	26.76	29.68	31.85	33.42	34.57	35.46	36.22	36.95	37.70	38.43
	Seq2Seq+Attention_GRU	23.17	27.81	31.78	34.93	37.29	38.97	40.13	40.93	41.53	42.01	42.45	42.80

	1	2	3	4	5	6	7	8	9	10	11	12
STALSTM	17.74	22.71	26.62	29.64	31.92	33.55	34.71	35.53	36.15	36.70	37.25	37.77
STAGRU	17.74	22.63	26.19	28.80	30.71	32.10	33.14	33.95	34.58	35.14	35.72	36.34
methods	13	14	15	16	17	18	19	20	21	22	23	24
Seq2Seq_LSTM	50.39	50.00	49.56	49.17	48.90	48.83	49.01	49.45	50.15	51.06	52.13	53.31
Seq2Seq_GRU	50.91	51.49	51.84	51.96	51.89	51.66	51.29	50.80	50.24	49.68	49.24	49.06
Seq2Seq+Attention_LSTM	39.09	39.65	40.08	40.40	40.59	40.66	40.60	40.40	40.05	39.62	39.18	38.84
Seq2Seq+Attention_GRU	43.04	43.17	43.22	43.23	43.21	43.18	43.10	43.00	42.90	42.84	42.86	43.05
STALSTM	38.23	38.64	39.01	39.35	39.64	39.89	40.05	40.09	39.99	39.80	39.59	39.44
STAGRU	37.00	37.62	38.21	38.72	39.17	39.51	39.76	39.90	39.92	39.83	39.68	39.52

R^2

methods	1	2	3	4	5	6	7	8	9	10	11	12
Seq2Seq_LSTM	0.802	0.642	0.487	0.362	0.272	0.212	0.175	0.155	0.146	0.145	0.148	0.155
Seq2Seq_GRU	0.794	0.726	0.646	0.567	0.494	0.431	0.377	0.33	0.287	0.247	0.209	0.176
Seq2Seq+Attention_LSTM	0.897	0.828	0.764	0.710	0.666	0.633	0.607	0.587	0.569	0.551	0.533	0.515
Seq2Seq+Attention_GRU	0.823	0.746	0.668	0.599	0.543	0.501	0.471	0.449	0.433	0.420	0.408	0.398
STALSTM	0.896	0.830	0.767	0.711	0.665	0.630	0.604	0.585	0.571	0.557	0.544	0.531
STAGRU	0.896	0.831	0.774	0.727	0.690	0.661	0.639	0.621	0.607	0.594	0.581	0.566
methods	13	14	15	16	17	18	19	20	21	22	23	24
Seq2Seq_LSTM	0.166	0.179	0.193	0.205	0.214	0.216	0.210	0.196	0.173	0.143	0.107	0.066
Seq2Seq_GRU	0.149	0.129	0.117	0.112	0.115	0.122	0.135	0.151	0.170	0.189	0.203	0.209
Seq2Seq+Attention_LSTM	0.498	0.483	0.472	0.463	0.458	0.456	0.458	0.463	0.473	0.484	0.495	0.504
Seq2Seq+Attention_GRU	0.391	0.387	0.386	0.386	0.386	0.387	0.389	0.392	0.395	0.397	0.396	0.391
STALSTM	0.520	0.509	0.499	0.491	0.483	0.477	0.472	0.471	0.474	0.479	0.485	0.489
STAGRU	0.550	0.535	0.520	0.507	0.495	0.486	0.480	0.476	0.476	0.478	0.482	0.487

SMAPE

methods	1	2	3	4	5	6	7	8	9	10	11	12
Seq2Seq_LSTM	36.99	45.75	52.12	56.34	58.90	60.32	61.21	61.68	61.89	61.83	61.58	61.20
Seq2Seq_GRU	42.53	43.85	46.38	49.38	51.99	53.95	55.57	57.07	58.68	60.24	61.54	62.64
Seq2Seq+Attention_LSTM	29.59	35.25	39.35	42.24	44.32	45.83	46.93	47.87	48.80	49.70	50.54	51.24
Seq2Seq+Attention_GRU	39.76	43.41	45.88	47.73	49.38	50.49	51.19	51.74	52.16	52.61	53.08	53.44
STALSTM	29.68	35.56	39.58	42.55	44.66	46.12	47.16	48.01	48.83	49.60	50.33	50.96
STAGRU	30.08	35.50	39.32	42.11	44.31	45.83	46.84	47.68	48.45	49.07	49.73	50.46
methods	13	14	15	16	17	18	19	20	21	22	23	24
Seq2Seq_LSTM	60.70	60.19	59.70	59.31	59.13	59.20	59.51	60.01	60.70	61.59	62.64	63.83
Seq2Seq_GRU	63.43	64.09	64.52	64.58	64.38	63.96	63.38	62.60	61.77	61.01	60.35	60.05
Seq2Seq+Attention_LSTM	51.81	52.30	52.70	53.00	53.21	53.36	53.45	53.42	53.25	52.98	52.68	52.43
Seq2Seq+Attention_GRU	53.47	53.57	53.68	53.69	53.67	53.59	53.52	53.42	53.32	53.31	53.32	53.47

STALSTM	51.43	51.85	52.22	52.51	52.72	52.95	53.14	53.25	53.25	53.20	53.13	53.05
STAGRU	51.10	51.69	52.17	52.54	52.83	53.13	53.46	53.69	53.88	53.90	53.82	53.71

<div align="center">Maigaoqiao (MGQ)</div>

indicator	methods	1	2	3	4	5	6	7	8	9	10	11	12
RMSE	Seq2Seq_LSTM	14.46	22.08	27.94	32.54	36.03	38.57	40.35	41.61	42.56	43.37	44.08	44.66
	Seq2Seq_GRU	18.84	24.40	28.85	32.27	34.82	36.64	37.92	38.89	39.71	40.49	41.29	42.10
	Seq2Seq+Attention_LSTM	20.42	26.98	30.97	33.44	34.99	35.92	36.45	36.81	37.15	37.59	38.16	38.80
	Seq2Seq+Attention_GRU	19.77	25.67	30.11	33.13	35.12	36.34	37.08	37.57	38.06	38.66	39.39	40.18
	STALSTM	19.32	24.35	28.32	31.27	33.45	35.09	36.35	37.35	38.26	39.13	39.98	40.79
	STAGRU	19.40	24.40	28.07	30.77	32.81	34.25	35.23	35.9	36.4	36.84	37.28	37.71
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	45.08	45.31	45.30	45.06	44.63	44.07	43.44	42.81	42.25	41.78	41.43	41.34
	Seq2Seq_GRU	42.87	43.59	44.20	44.66	44.95	45.06	45.03	44.83	44.51	44.13	43.74	43.51
	Seq2Seq+Attention_LSTM	39.45	40.07	40.62	41.11	41.48	41.71	41.74	41.62	41.35	40.99	40.66	40.45
	Seq2Seq+Attention_GRU	40.94	41.56	42.24	42.71	43.01	43.11	43.03	42.78	42.41	41.99	41.56	41.21
	STALSTM	41.50	42.09	42.51	42.74	42.77	42.64	42.38	41.98	41.51	40.99	40.46	40.09
	STAGRU	38.11	38.46	38.71	38.89	38.97	38.98	38.97	38.90	38.8	38.7	38.63	38.71
R^2	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	0.927	0.831	0.730	0.634	0.552	0.487	0.438	0.403	0.375	0.351	0.330	0.312
	Seq2Seq_GRU	0.877	0.794	0.712	0.640	0.581	0.537	0.504	0.478	0.456	0.434	0.412	0.388
	Seq2Seq+Attention_LSTM	0.856	0.748	0.669	0.614	0.577	0.555	0.542	0.533	0.524	0.512	0.498	0.480
	Seq2Seq+Attention_GRU	0.865	0.772	0.687	0.621	0.574	0.544	0.526	0.513	0.500	0.484	0.464	0.443
	STALSTM	0.871	0.795	0.723	0.662	0.614	0.575	0.544	0.518	0.495	0.471	0.448	0.426
	STAGRU	0.870	0.794	0.728	0.673	0.628	0.595	0.571	0.555	0.543	0.532	0.520	0.509
	methods	13	14	15	16	17	18	19	20	21	22	23	24
	Seq2Seq_LSTM	0.299	0.291	0.291	0.299	0.312	0.329	0.348	0.367	0.384	0.397	0.407	0.410
	Seq2Seq_GRU	0.365	0.344	0.325	0.311	0.302	0.299	0.300	0.306	0.316	0.327	0.339	0.347
	Seq2Seq+Attention_LSTM	0.463	0.446	0.430	0.416	0.406	0.400	0.398	0.402	0.410	0.420	0.429	0.435
	Seq2Seq+Attention_GRU	0.421	0.401	0.384	0.370	0.361	0.358	0.360	0.368	0.379	0.391	0.404	0.414
	STALSTM	0.405	0.388	0.376	0.369	0.368	0.372	0.380	0.391	0.405	0.420	0.435	0.445
	STAGRU	0.498	0.489	0.482	0.478	0.475	0.475	0.475	0.477	0.480	0.483	0.485	0.483
SMAPE	methods	1	2	3	4	5	6	7	8	9	10	11	12
	Seq2Seq_LSTM	31.57	40.83	48.5	53.04	56.51	58.80	60.33	61.48	62.47	63.32	64.06	64.68
	Seq2Seq_GRU	36.98	43.54	47.92	51.22	53.39	55.36	56.56	57.76	58.78	59.71	60.74	61.74

Seq2Seq+Attention_LSTM	42.79	51.07	54.18	55.40	56.10	56.64	57.00	57.24	57.47	57.85	58.37	58.92
Seq2Seq+Attention_GRU	39.93	46.24	50.85	53.94	55.75	56.76	57.41	57.92	58.44	58.95	59.52	60.19
STALSTM	36.71	43.45	47.91	50.60	52.70	54.24	55.67	56.99	58.21	59.26	60.16	60.99
STAGRU	38.07	44.92	48.75	51.34	53.19	54.55	55.46	55.98	56.45	56.88	57.41	57.98

methods	13	14	15	16	17	18	19	20	21	22	23	24
Seq2Seq_LSTM	65.07	65.28	65.24	64.98	64.62	64.24	63.80	63.4	63.09	62.81	62.54	62.46
Seq2Seq_GRU	62.68	63.49	64.01	64.35	64.50	64.55	64.50	64.35	64.13	63.85	63.61	63.56
Seq2Seq+Attention_LSTM	59.48	60.05	60.53	60.95	61.27	61.53	61.70	61.73	61.54	61.25	61.02	60.90
Seq2Seq+Attention_GRU	60.81	61.35	61.69	61.92	62.10	62.25	62.37	62.38	62.24	62.00	61.69	61.47
STALSTM	61.56	62.20	62.54	62.60	62.49	62.30	62.14	61.96	61.60	61.11	60.72	60.49
STAGRU	58.51	58.97	59.25	59.32	59.19	59.08	59.07	59.07	59.00	58.89	58.81	58.91