RANDOM FOREST
-window length = 0

1) Discharge capacity

Horizon	mae	mape	mdape	smape	rmse
1	0.1368365	NA	3571389110	156.3015	0.1839335
7	0.1314752	NA	3341674561	155.9613	0.1788079
30	0.1279802	NA	2935815850	155.8014	0.1756464

GLOBAL	mae	mape	mdape	smape	rmse
	0.1314752	NA	3341674561	155.9613	0.1788079

2) Voltage

HORIZON	mae	mape	mdape	smape	rmse
1	0.1989029	5.405235	2.590525	5.206657	0.2755617
7	0.1990699	5.416717	2.679134	5.213105	0.2768356
30	0.2056512	5.579085	2.786893	5.369501	0.2799939

GLOBAL	mae	mape	mdape	smape	rmse
	0.1990699	5.416717	2.679134	4.213105	0.2768356

3) Charge Capacity

HORIZON	mae	mape	mdape	smape	rmse
1	0.00030261 75	0.01480584	0.00904802 9	0.01480325	0.00052198 88
7	0.00022949 21	0.01122869	0.00662026 7	0.01122704	0.00041035 67
30	0.00023270 12	0.01139507	0.00691136 8	0.01138353	0.00040259 61

GLOBAL	mae	mape	mdape	smape	rmse
	0.00023270 12	0.01138507	0.00691168	0.0113853	0.00041035 67

XGBoost
- Window length = 0

1)Voltage

HORIZON	mae	mape	mdape	smape	rmse
1	0.01352349	0.3342267	0.01152234	0.3445581	0.07124014
7	0.01560427	0.3688453	0.01687344	0.3982420	0.09838384
30	0.01557985	0.3696248	0.01881941	0.3935640	0.08944425

GLOBAL	mae	mape	mdape	smape	rmse
	0.01557985	0.3688453	0.01687344	0.393564	0.08944425

2) Charge Capacity

Horizon	mae	mape	mdape	smape	rmse
1	0.00056718 64	0.03555697	0.00263214 5	0.03556366	0.00125369 3
7	0.00056997 15	0.03582430	0.00263214 5	0.03582853	0.00125599 0
30	0.00056429 02	0.03532960	0.00263214 5	0.03533118 9	0.00124119 1

GLOBAL	mae	mape	mdape	smape	rmse
	0.00056718 64	0.03555697	0.00263214 5	0.03556366	0.00125369 3

3) Discharge Capacity

HORIZON	mae	mape	mdape	smape	rmse
1	0.00201462 5	NA	1454488	146.7278	0.01451838
7	0.00603915 2	NA	39455540	147.1120	0.02508020
30	0.01578672 9	NA	851665	147.9729	0.10191680

GLOBAL	mae	mape	mdape	smape	rmse
	0.00603915 2	NA	1454488	147.112	0.0250802