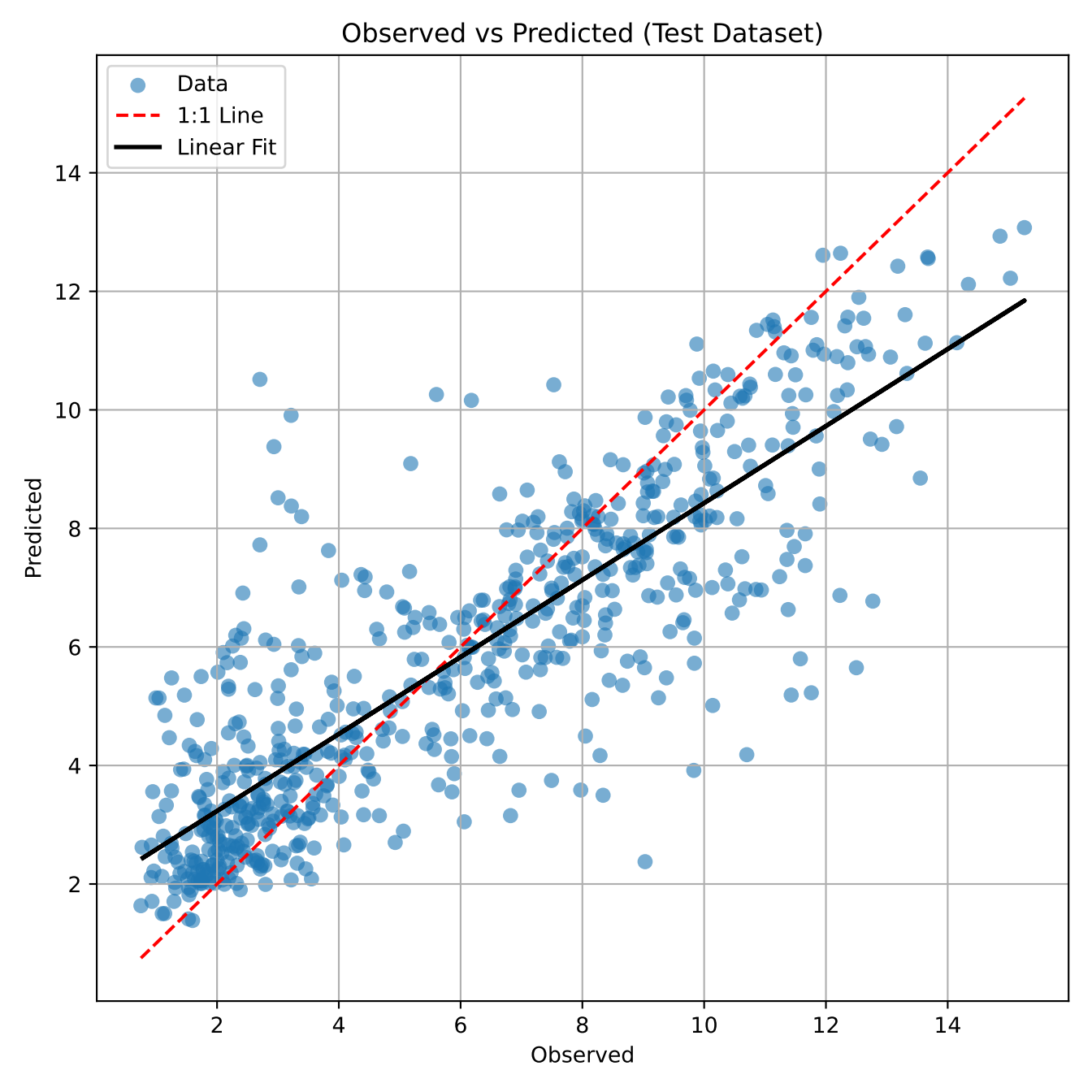
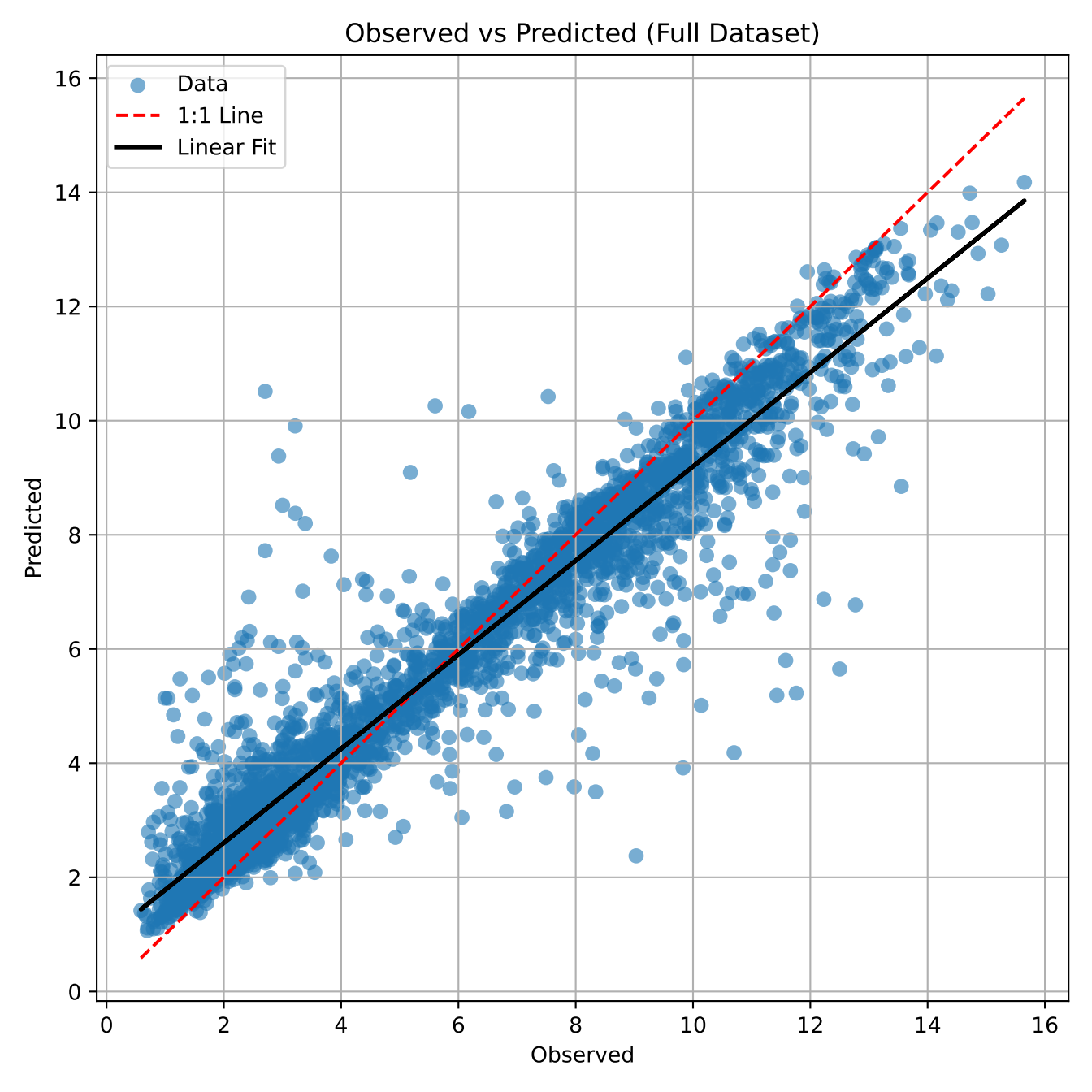
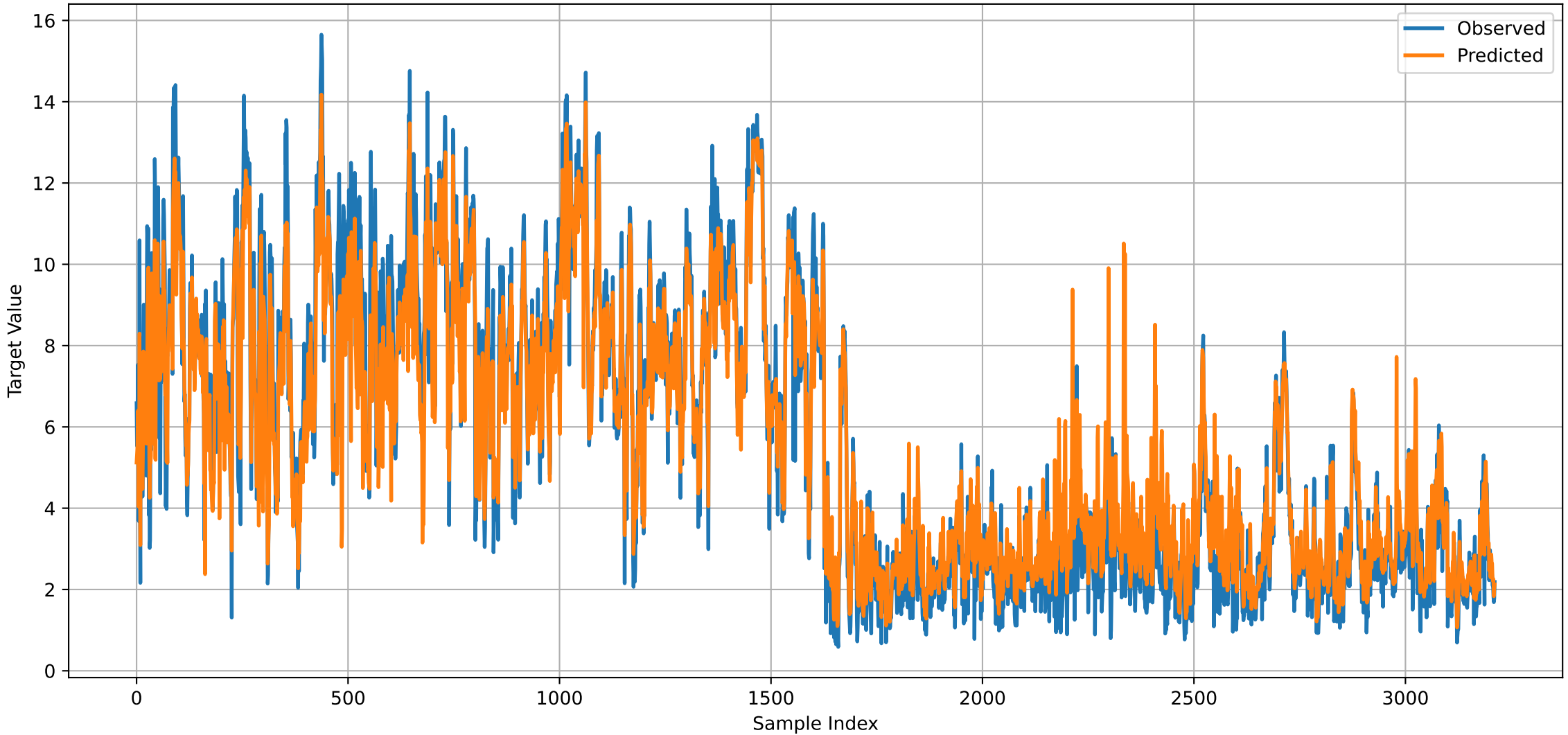
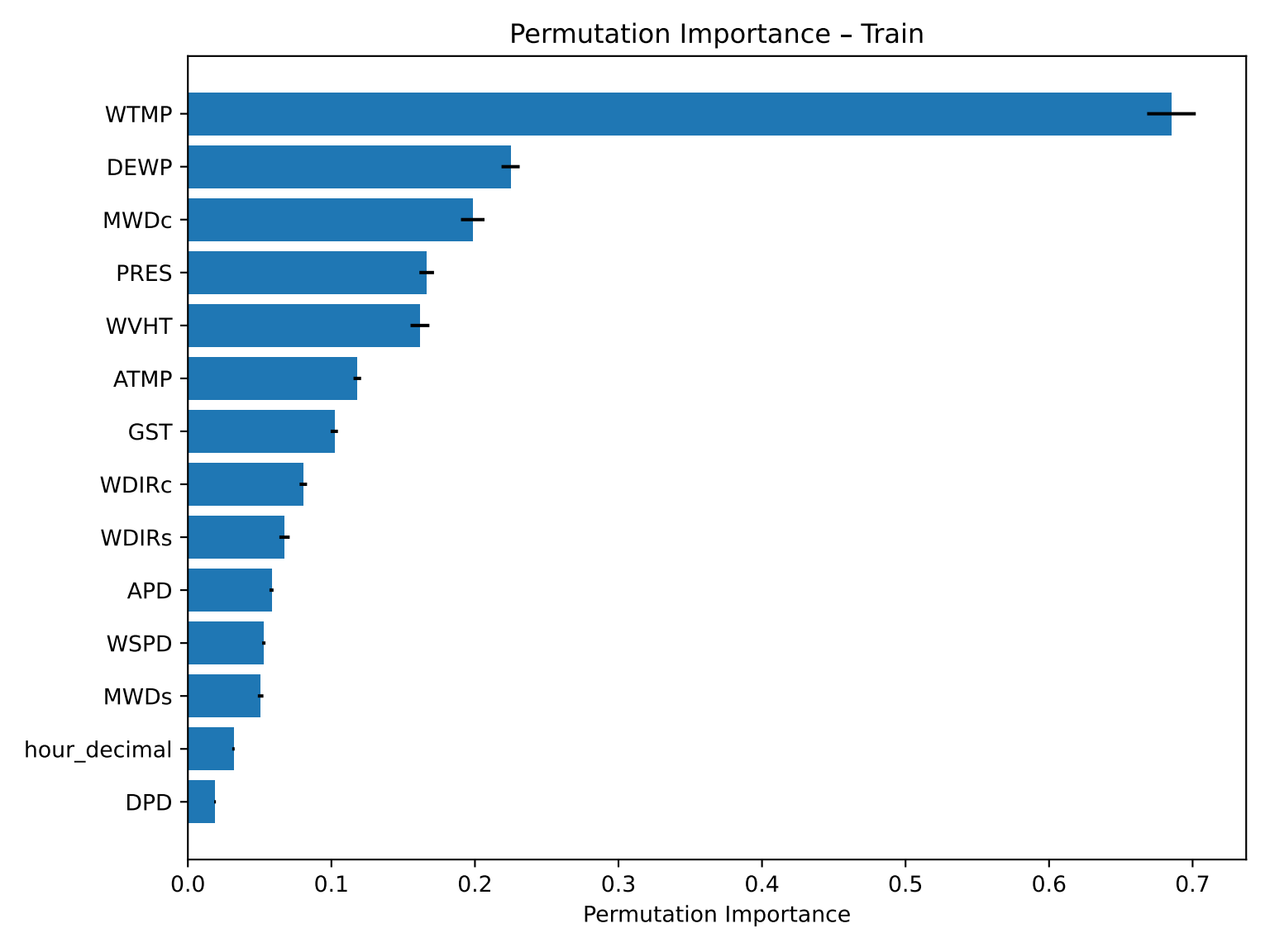
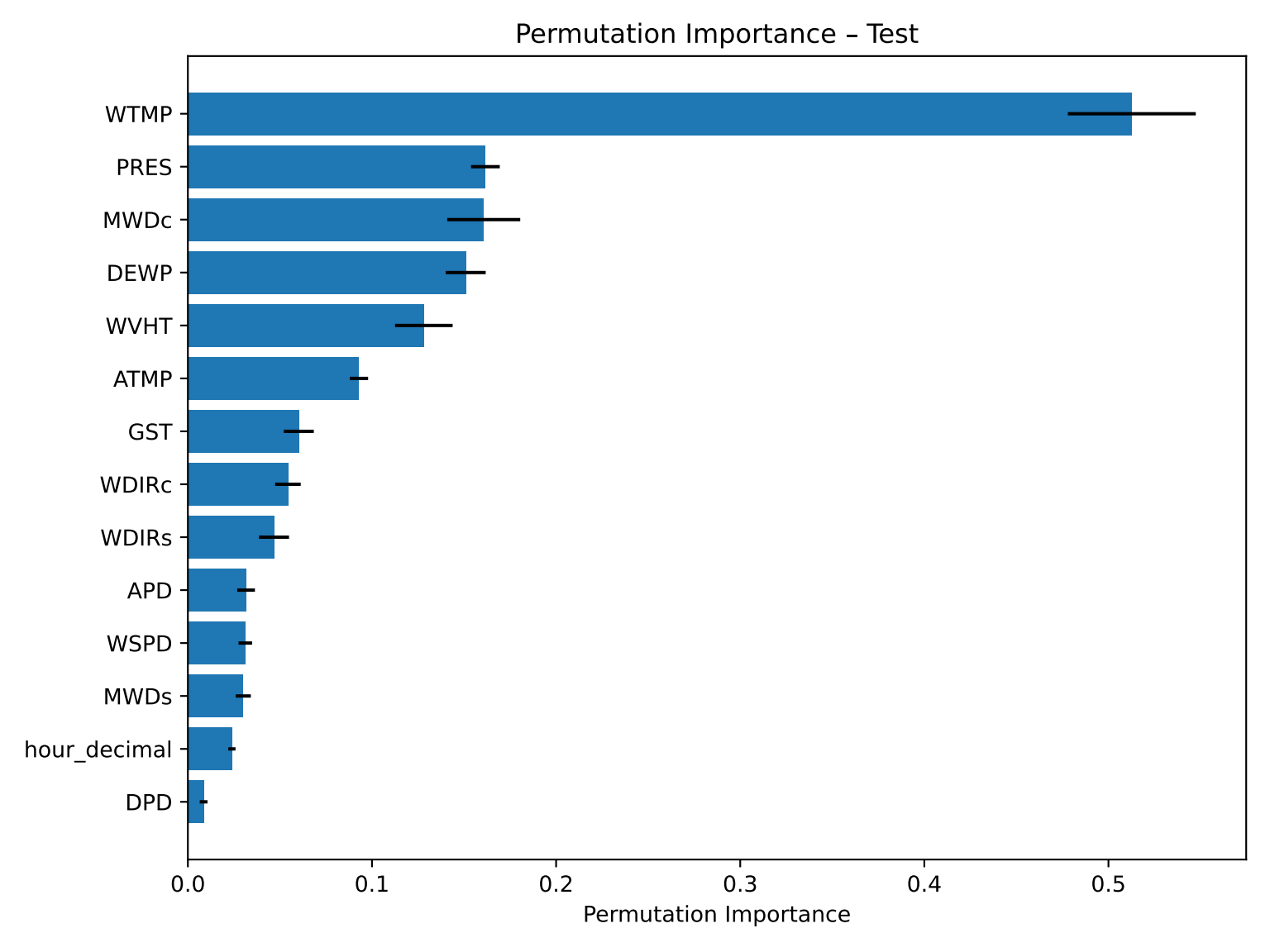
Dataset	RMSE	R^2
Train	0.656	0.964
Test	1.915	0.711
Full	1.038	0.911


Observed vs Predicted (Test Dataset)
Data
1:1 Line
Linear Fit
Predicted
Observed
2
4
6
8
10
12
14


Observed vs Predicted (Full Dataset)
Data
1:1 Line
Linear Fit
Predicted
Observed
0
2
4
6
8
10
12
14
16


Observed vs Predicted (Full Dataset)
Observed
Predicted
Target Value
Sample Index
0
2
4
6
8
10
12
14
16
0
500
1000
1500
2000
2500
3000


Permutation Importance – Train
WTMP
DEWP
MWDc
PRES
WVHT
ATMP
GST
WDIRc
WDIRs
APD
WSPD
MWDs
hour_decimal
DPD
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
Permutation Importance


Permutation Importance – Test
WTMP
PRES
MWDc
DEWP
WVHT
ATMP
GST
WDIRc
WDIRs
APD
WSPD
MWDs
hour_decimal
DPD
0.0
0.1
0.2
0.3
0.4
0.5
Permutation Importance