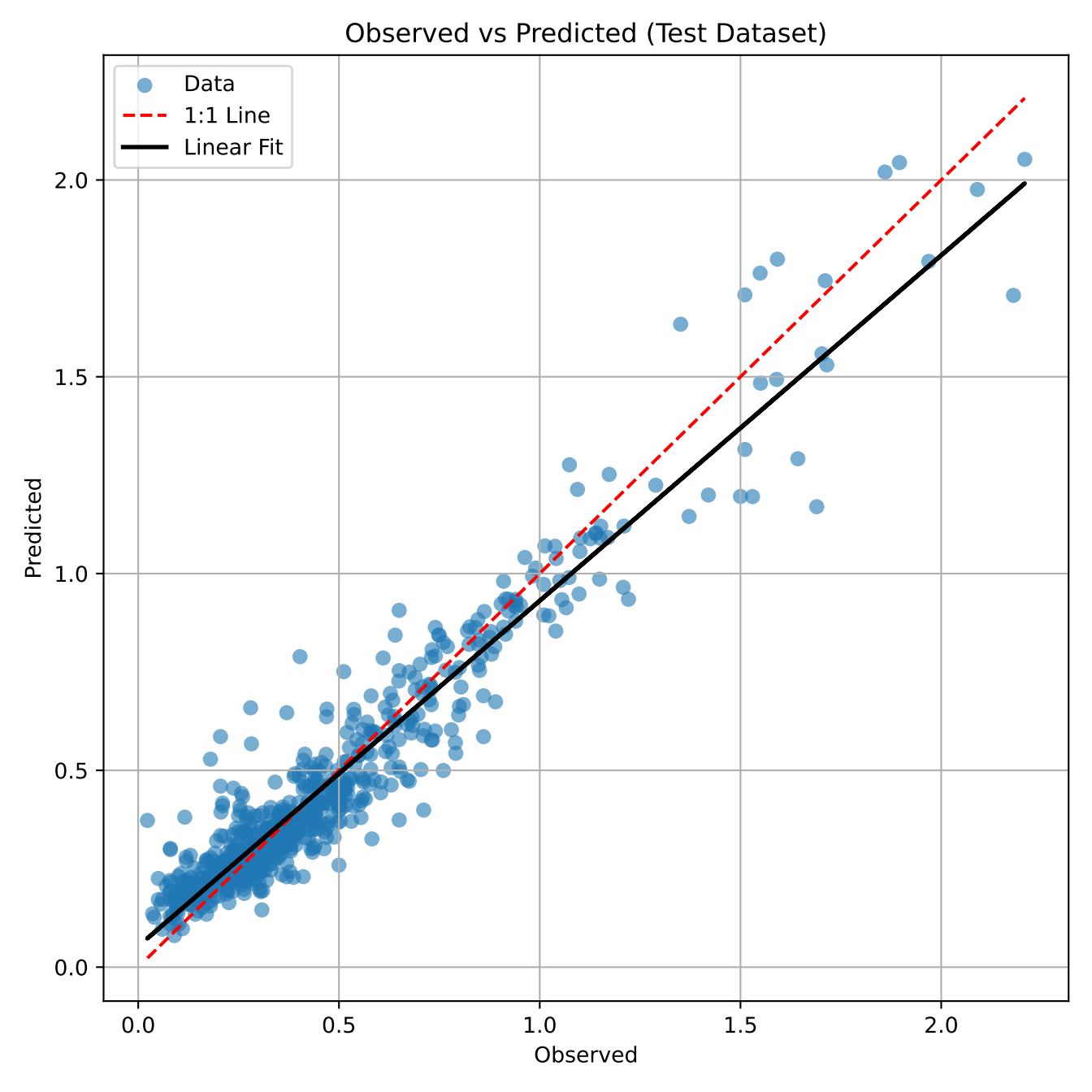
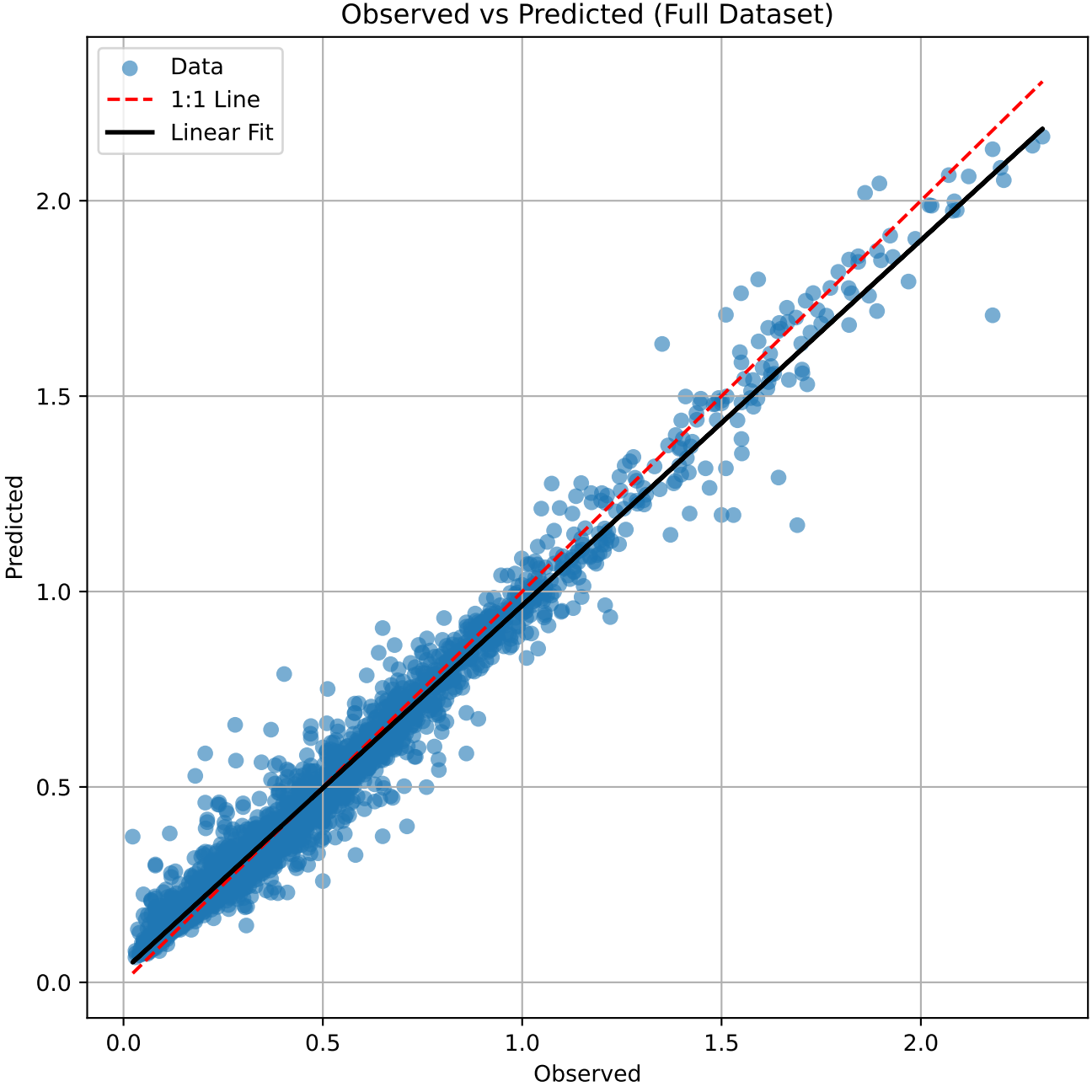
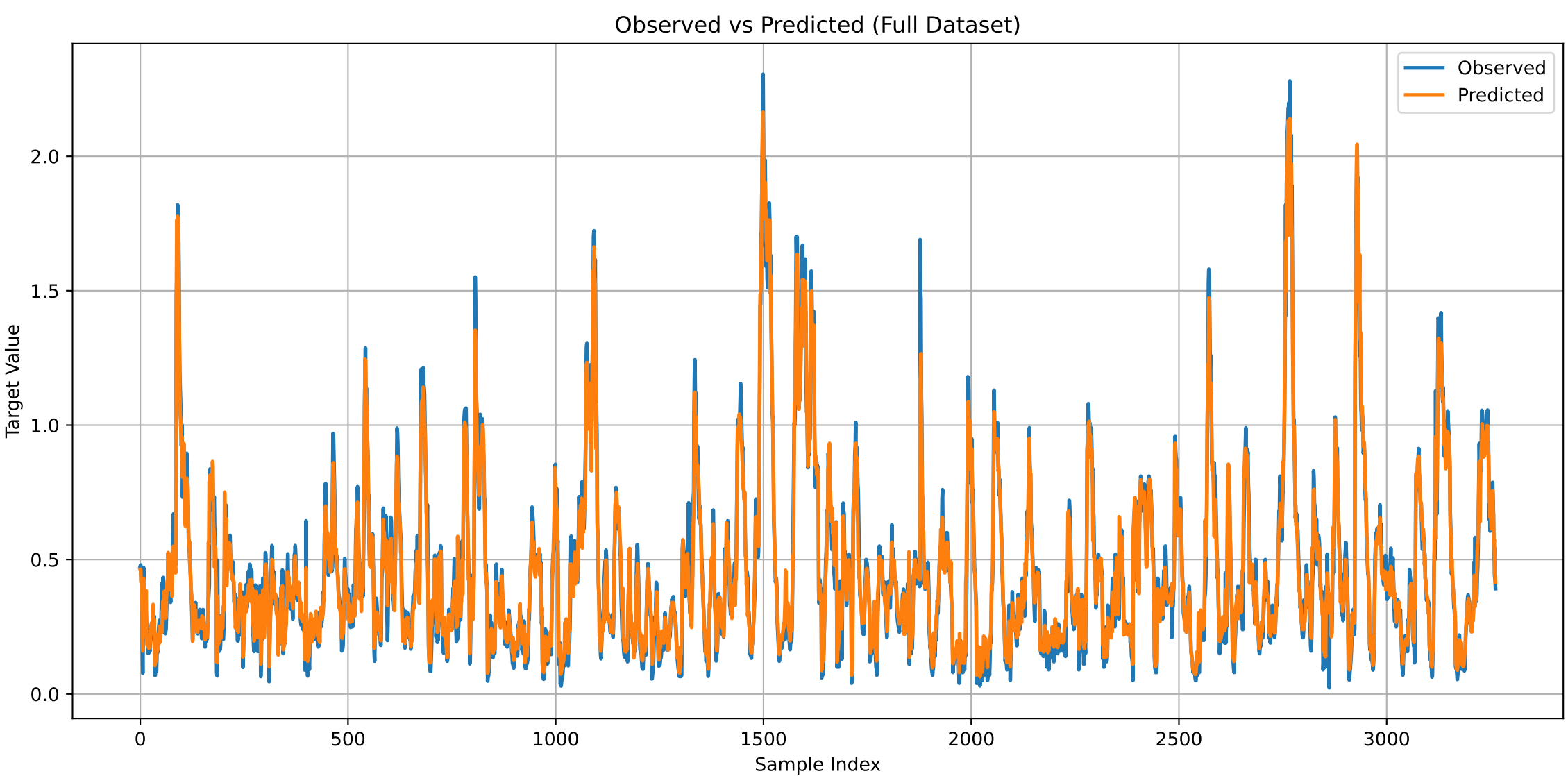
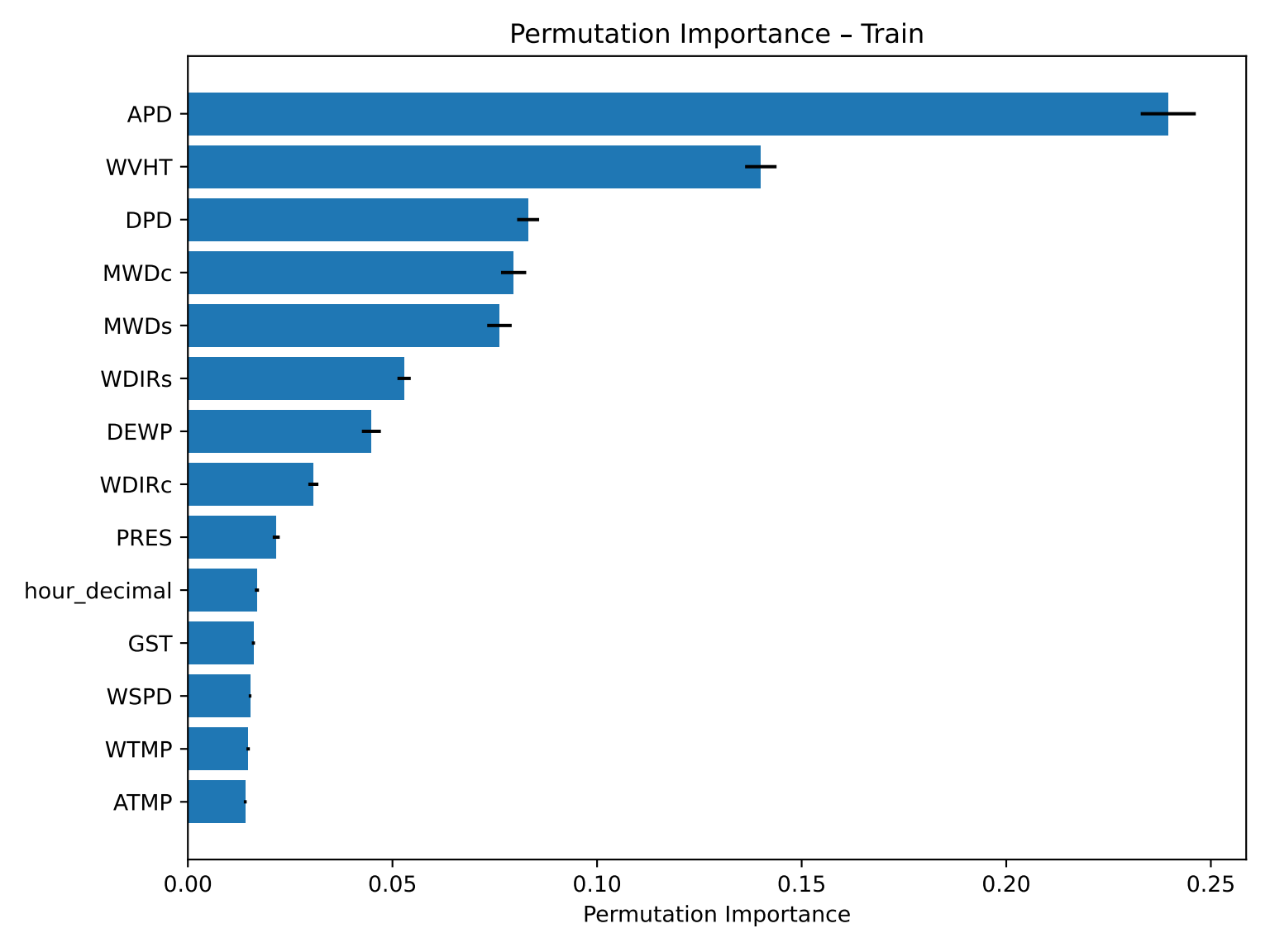
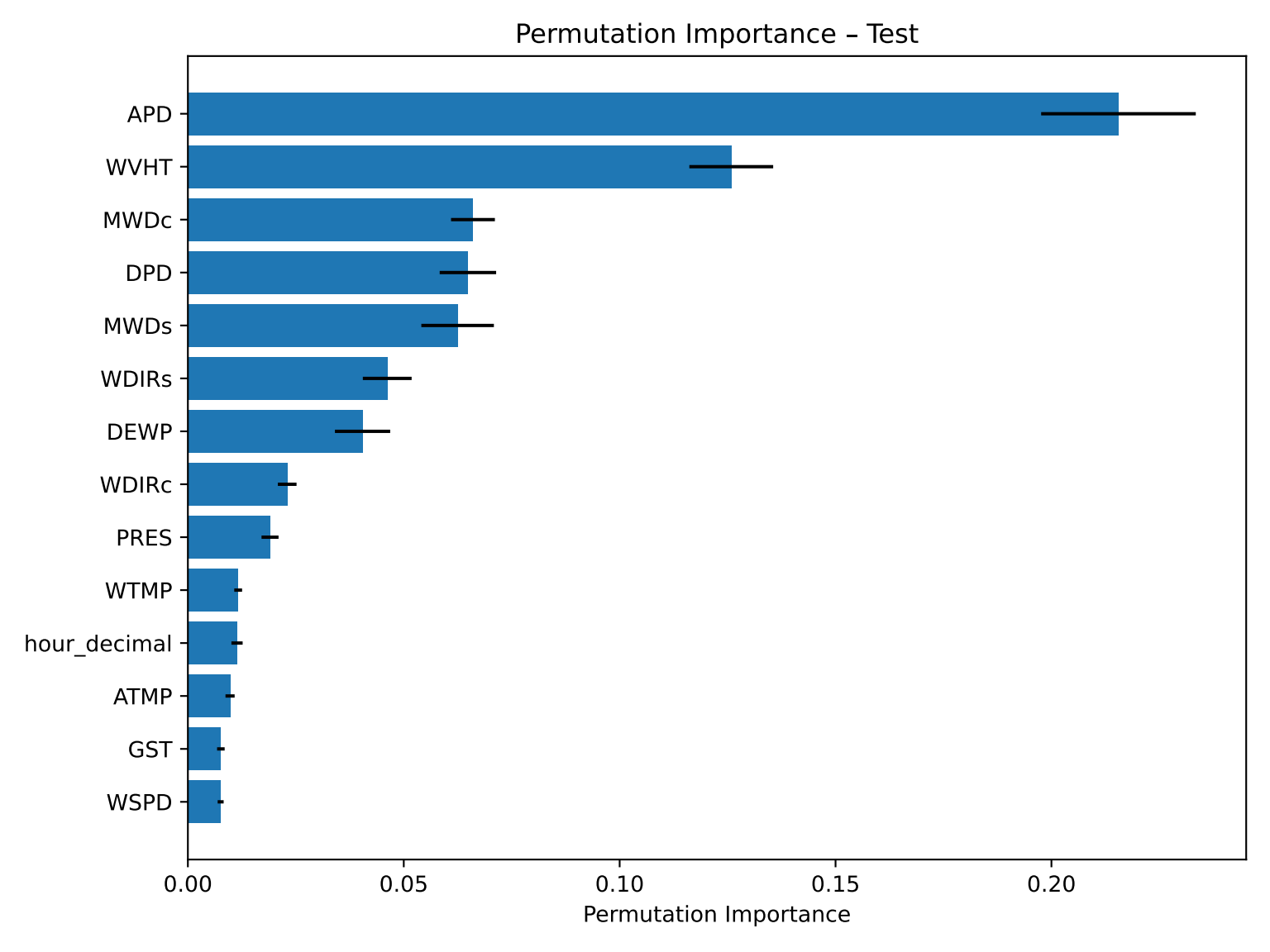
Dataset	RMSE	R^2
Train	0.042	0.986
Test	0.102	0.912
Full	0.059	0.971


Observed vs Predicted (Test Dataset)
Data
1:1 Line
Linear Fit
Predicted
Observed
0.0
0.5
1.0
1.5
2.0


Observed vs Predicted (Full Dataset)
Data
1:1 Line
Linear Fit
Predicted
Observed
0.0
0.5
1.0
1.5
2.0


Observed vs Predicted (Full Dataset)
Observed
Predicted
Target Value
Sample Index
0.0
0.5
1.0
1.5
2.0
0
500
1000
1500
2000
2500
3000


Permutation Importance – Train
APD
WVHT
DPD
MWDc
MWDs
WDIRs
DEWP
WDIRc
PRES
hour_decimal
GST
WSPD
WTMP
ATMP
0.00
0.05
0.10
0.15
0.20
0.25
Permutation Importance


Permutation Importance – Test
APD
WVHT
MWDc
DPD
MWDs
WDIRs
DEWP
WDIRc
PRES
WTMP
hour_decimal
ATMP
GST
WSPD
0.00
0.05
0.10
0.15
0.20
Permutation Importance