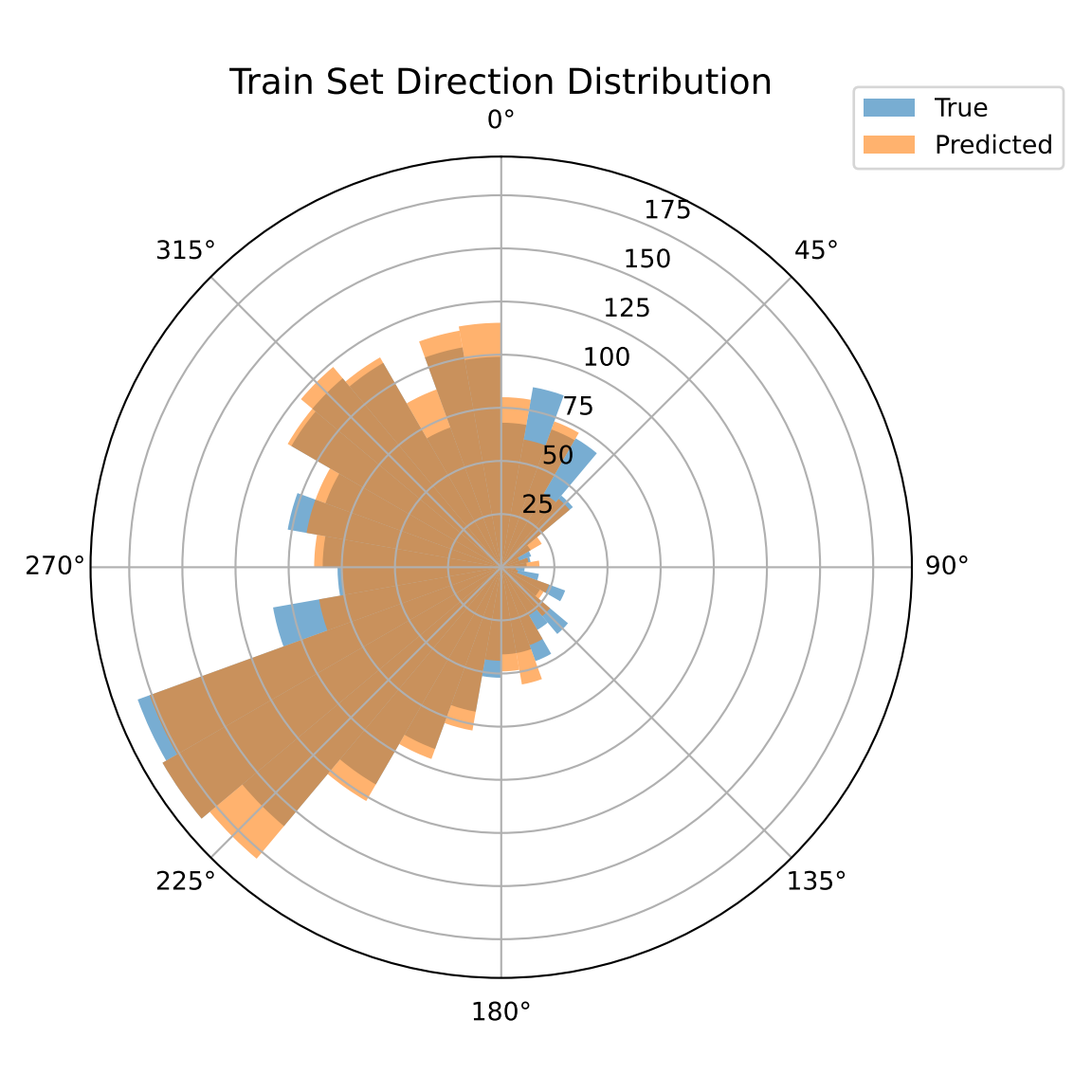
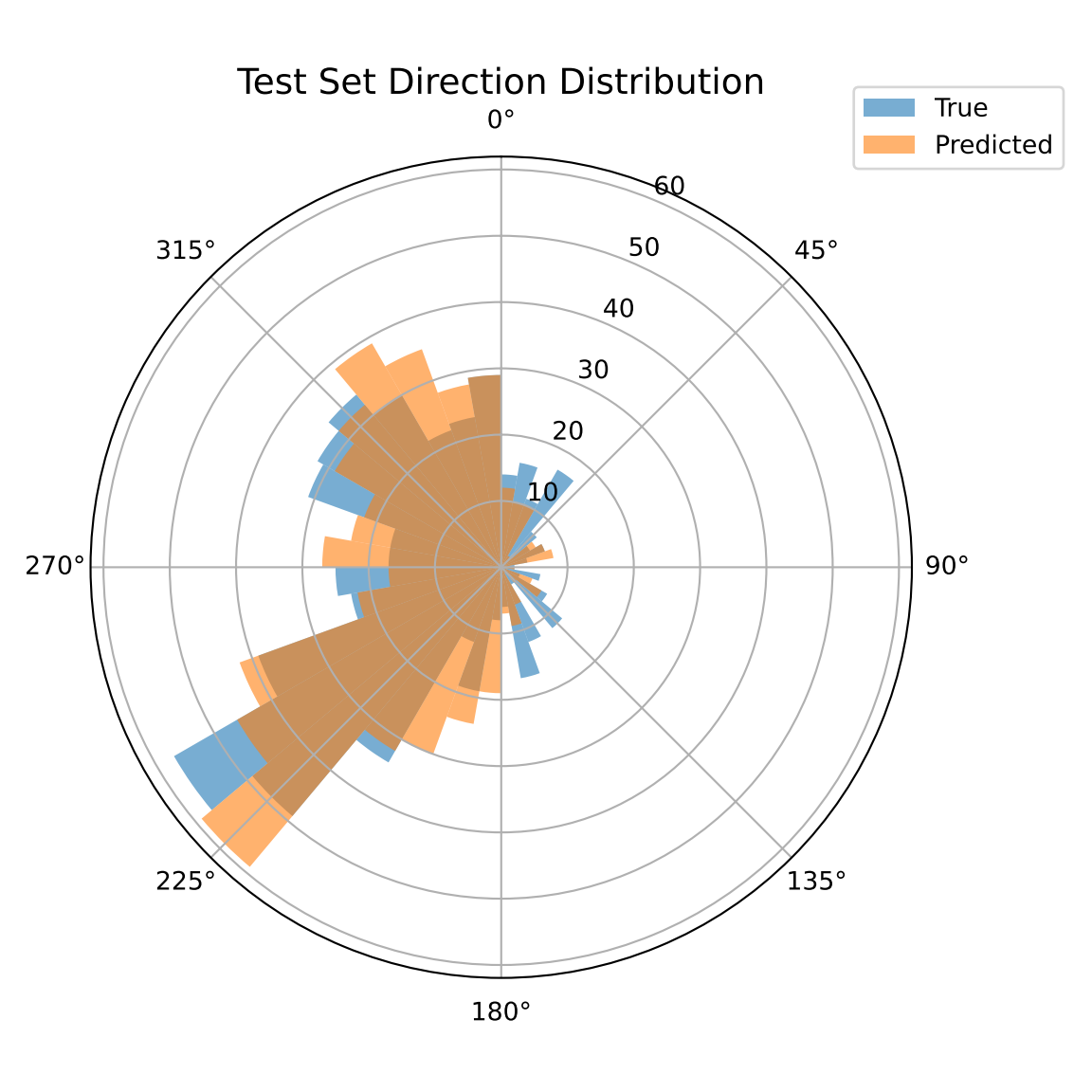
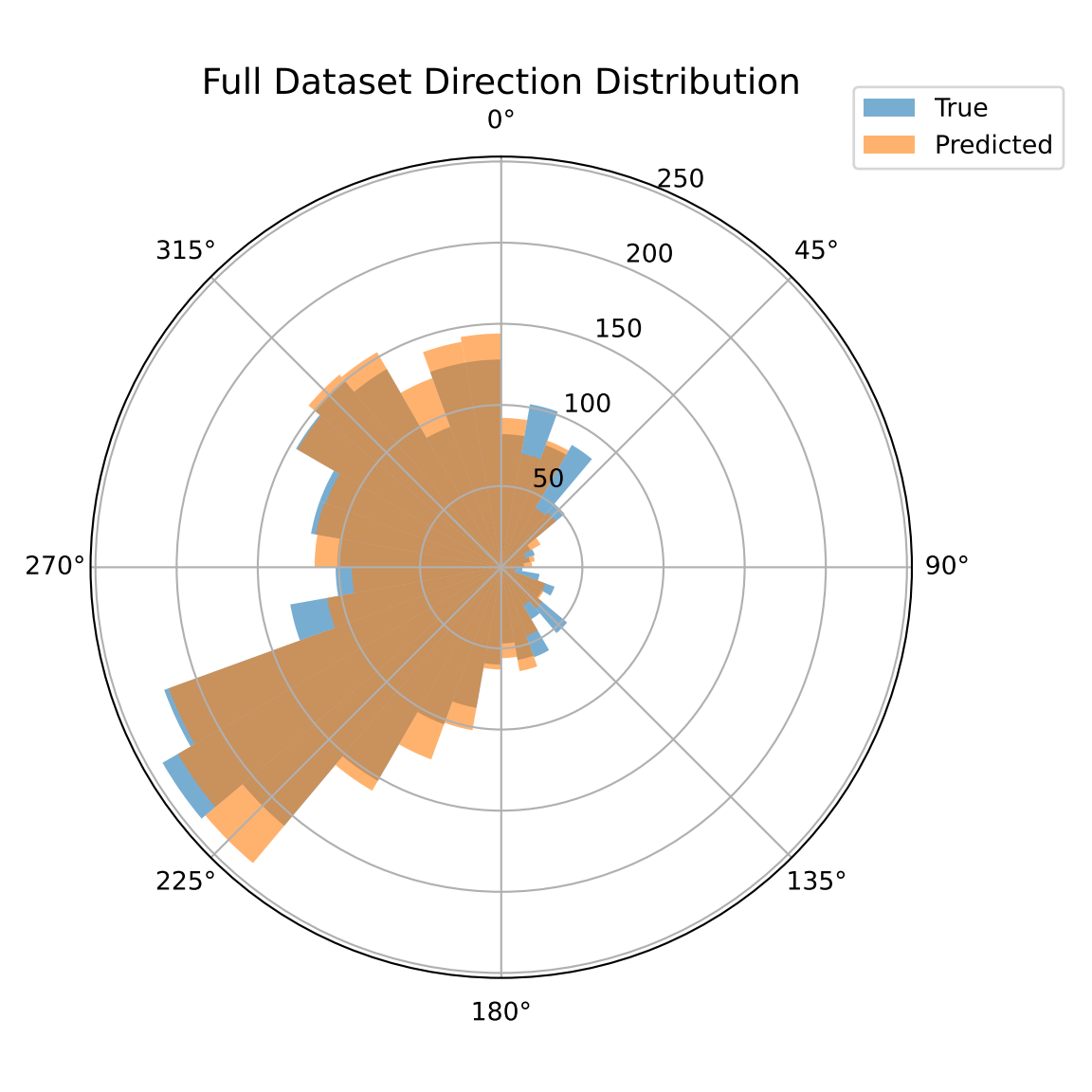
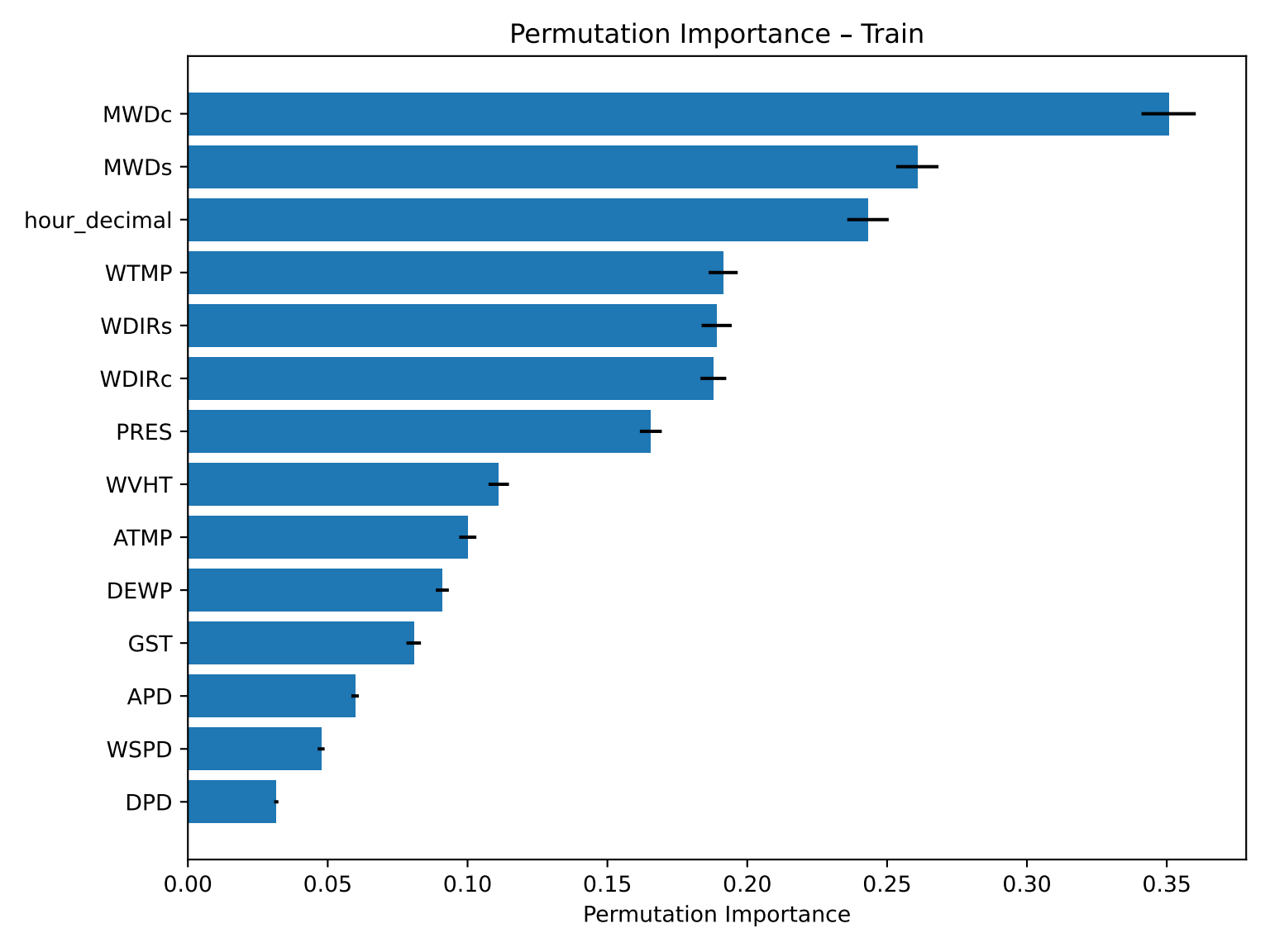
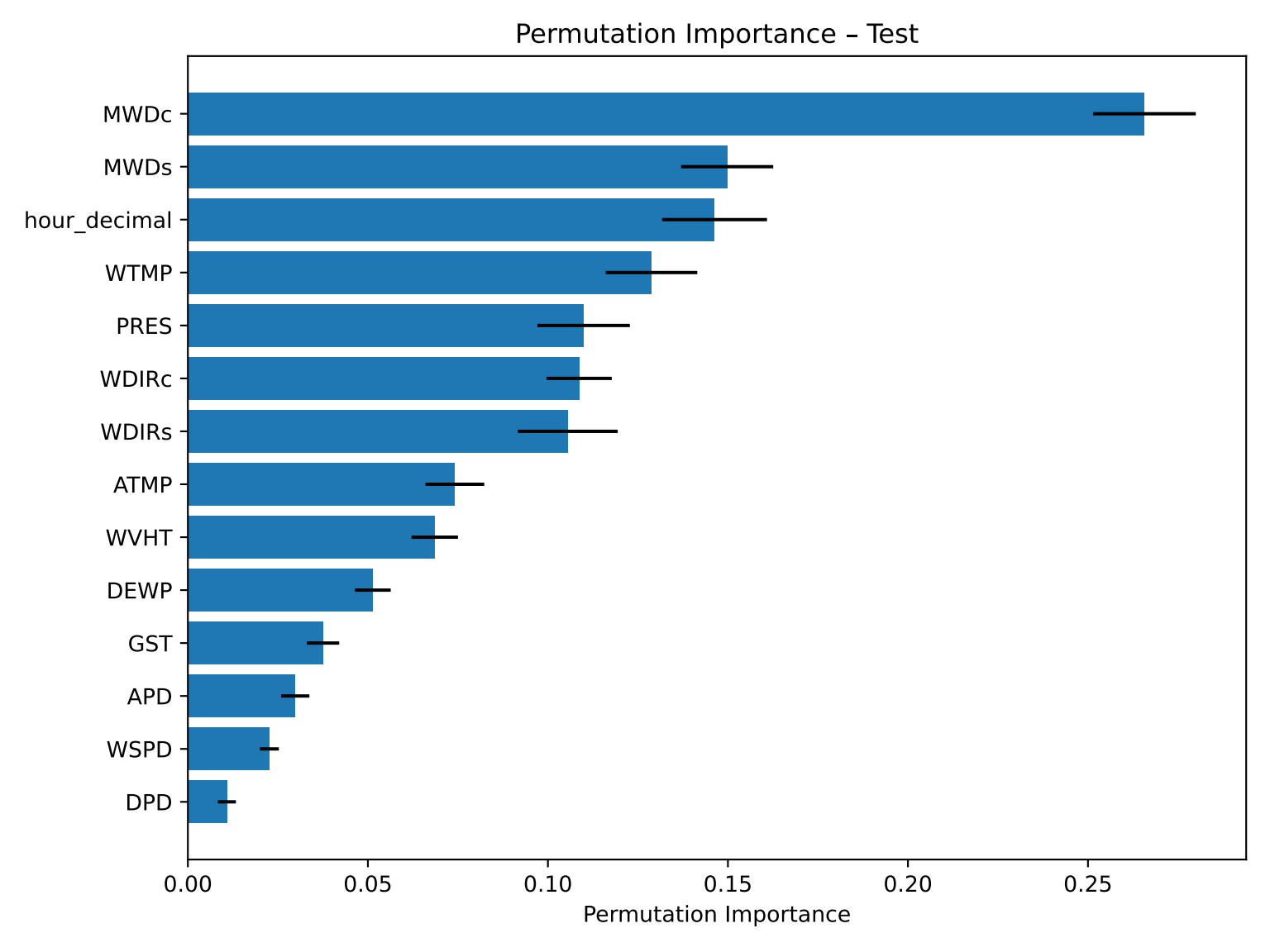
Dataset	Circular RMSE	Circular R^2
Train	8.282	0.981
Test	36.546	0.730
Full	17.949	0.929


Train Set Direction Distribution
True
Predicted
0°
45°
90°
135°
180°
225°
270°
315°
25
50
75
100
125
150
175


Test Set Direction Distribution
True
Predicted
0°
45°
90°
135°
180°
225°
270°
315°
10
20
30
40
50
60


Full Dataset Direction Distribution
True
Predicted
0°
45°
90°
135°
180°
225°
270°
315°
50
100
150
200
250


Permutation Importance – Train
MWDc
MWDs
hour_decimal
WTMP
WDIRs
WDIRc
PRES
WVHT
ATMP
DEWP
GST
APD
WSPD
DPD
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
Permutation Importance


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