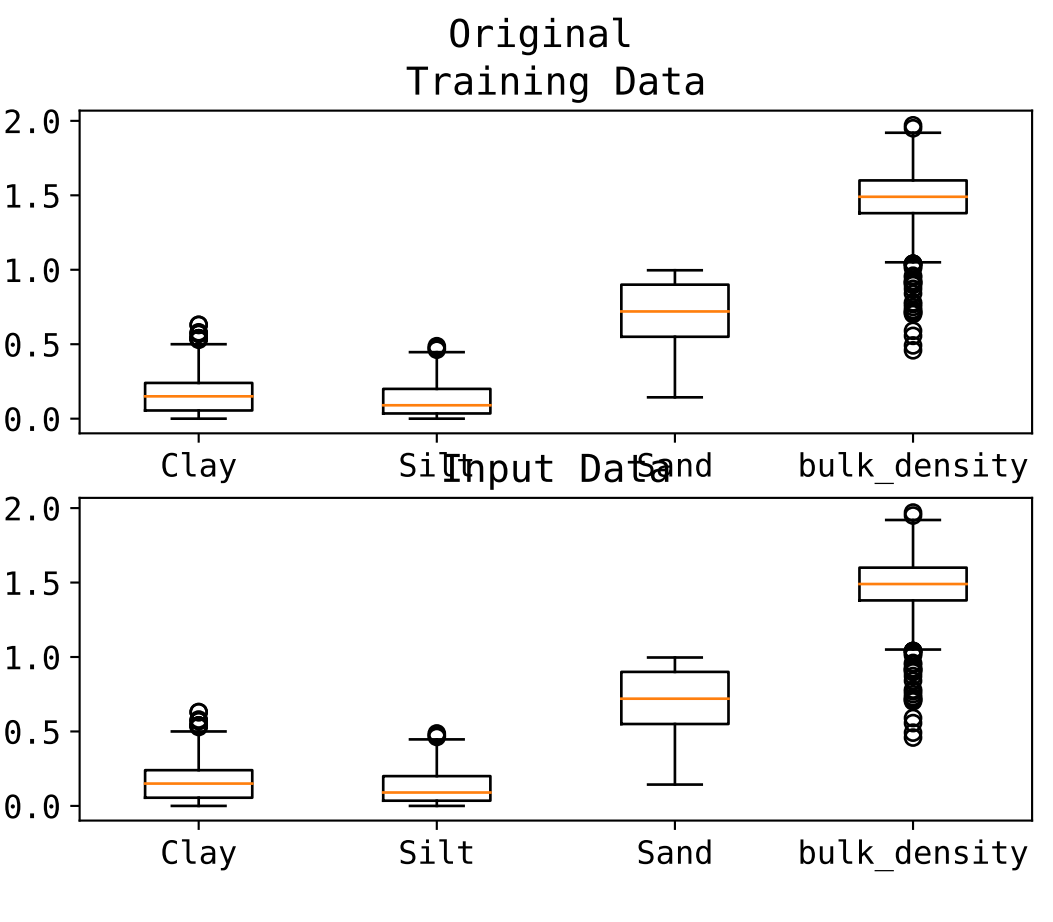
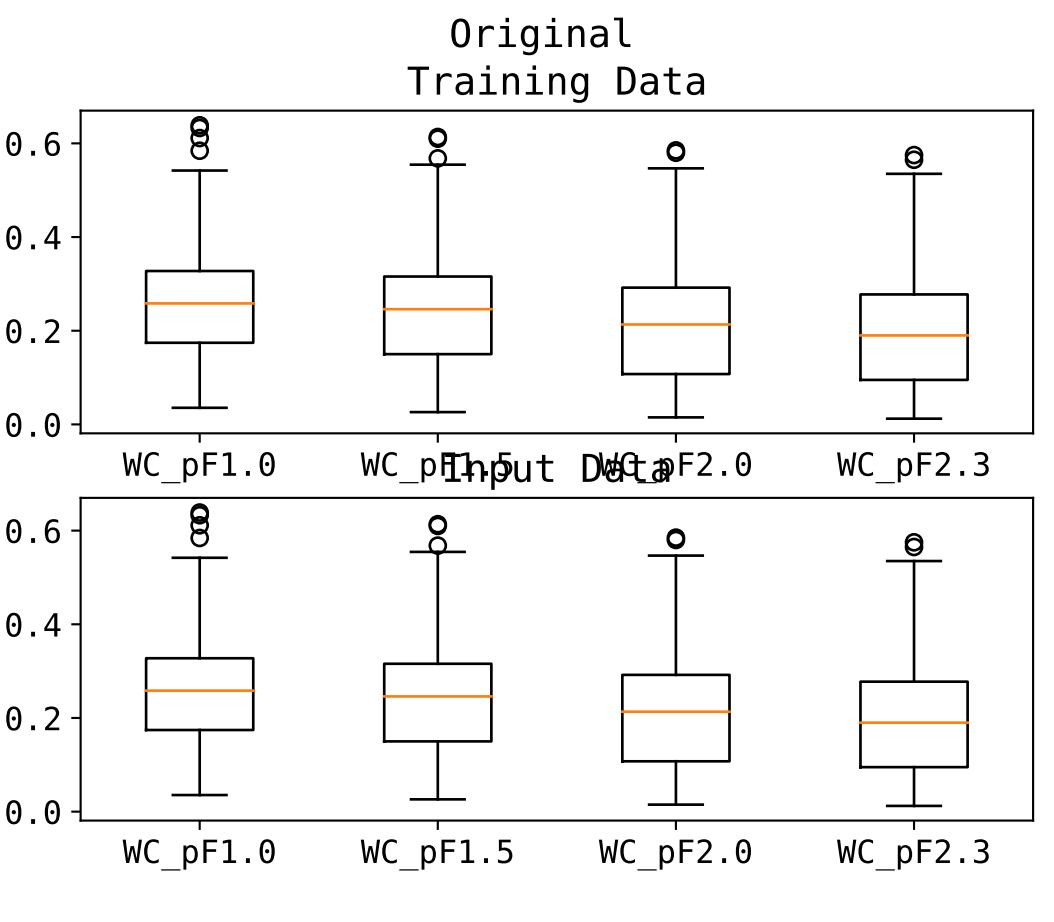
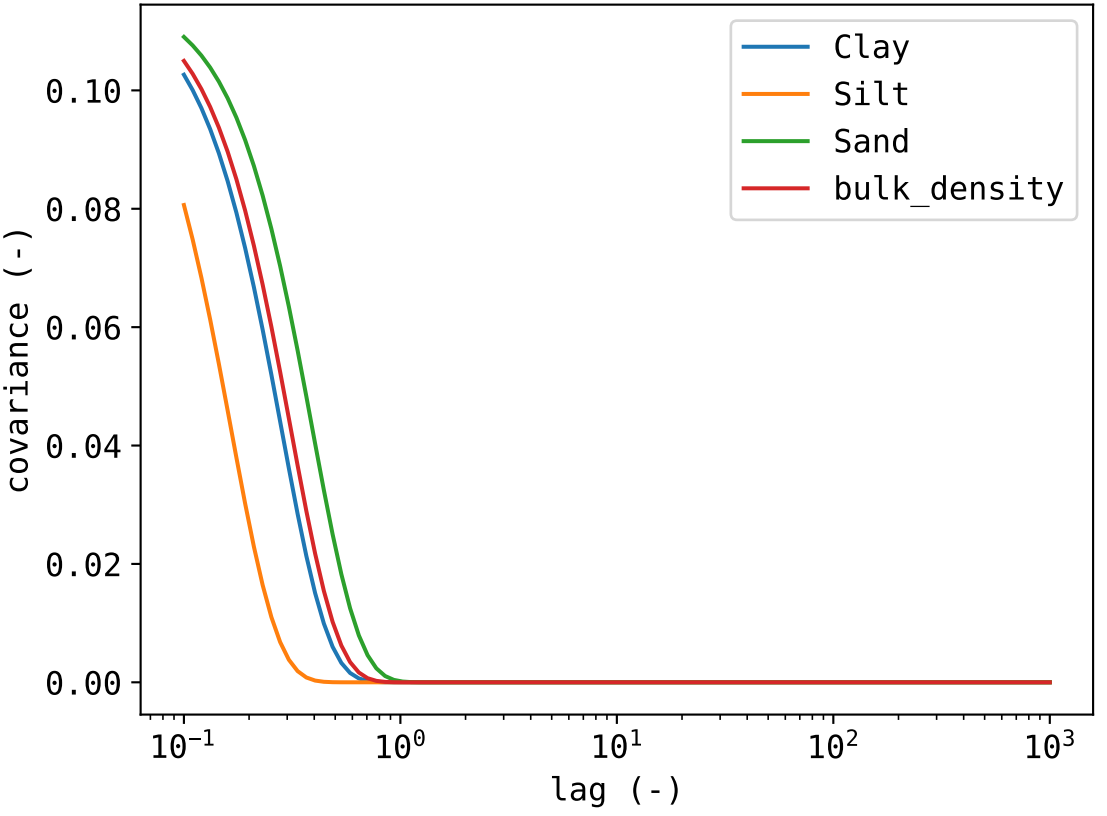
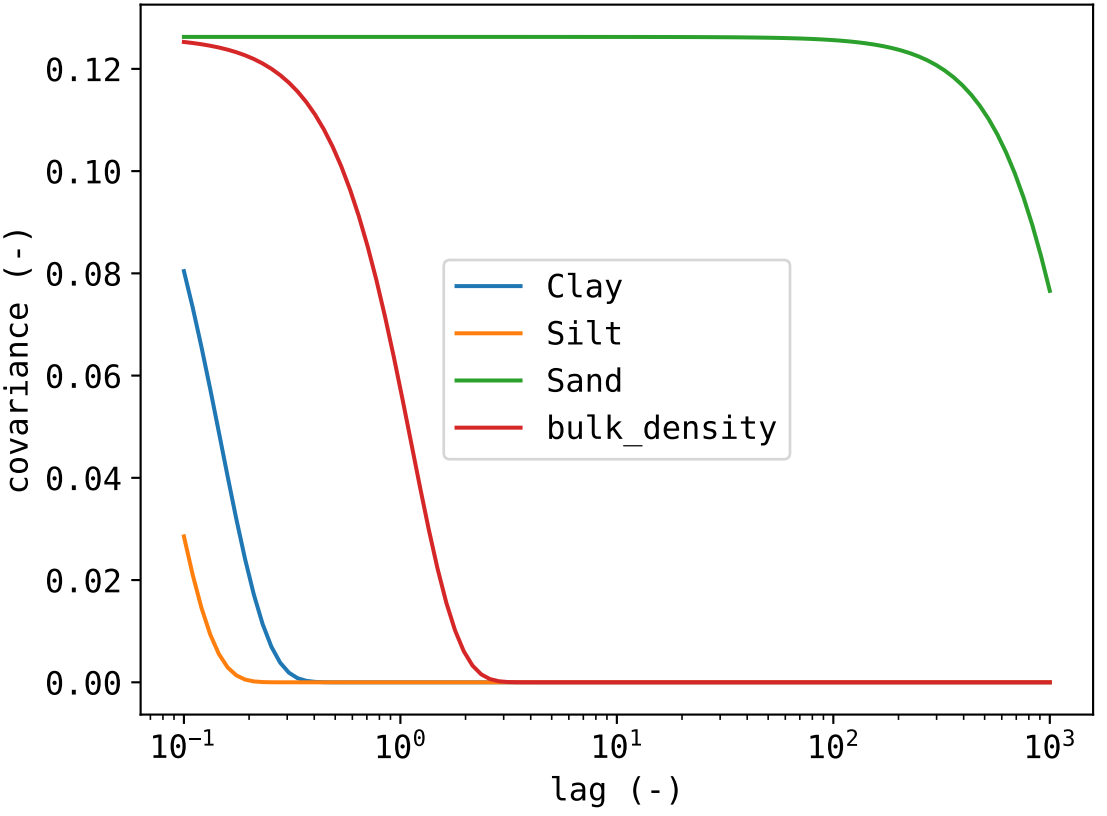
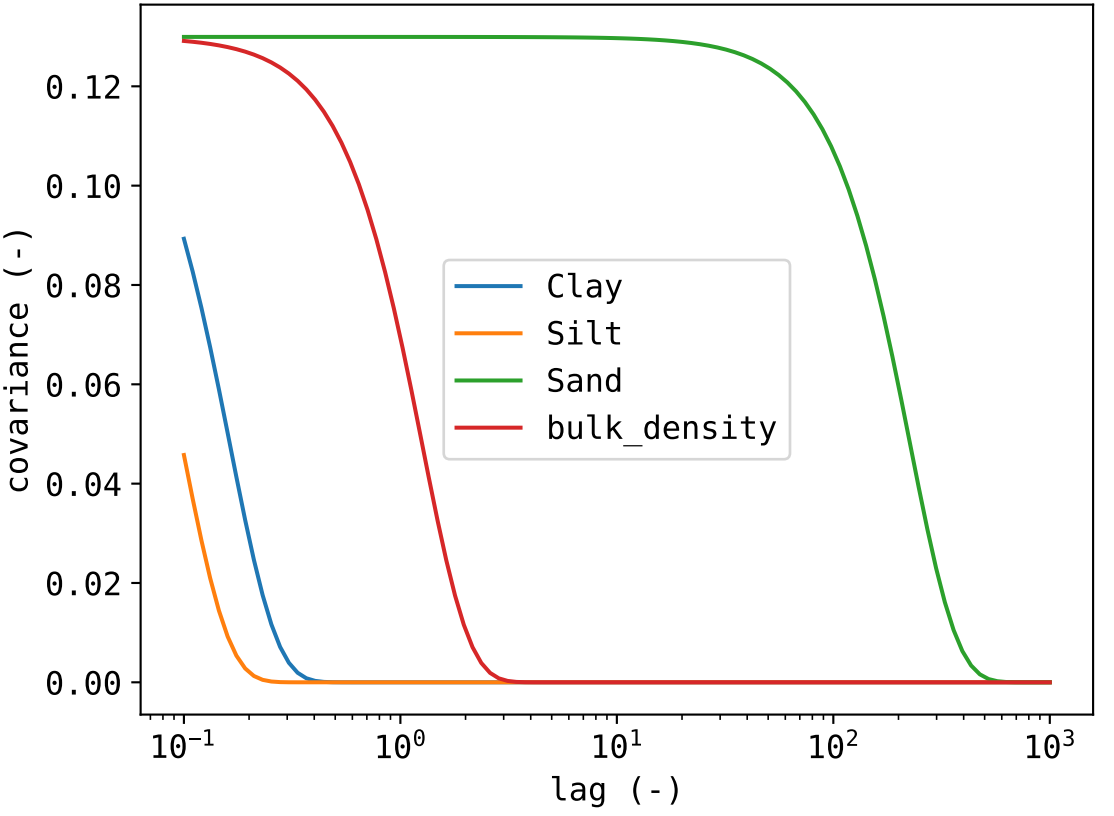
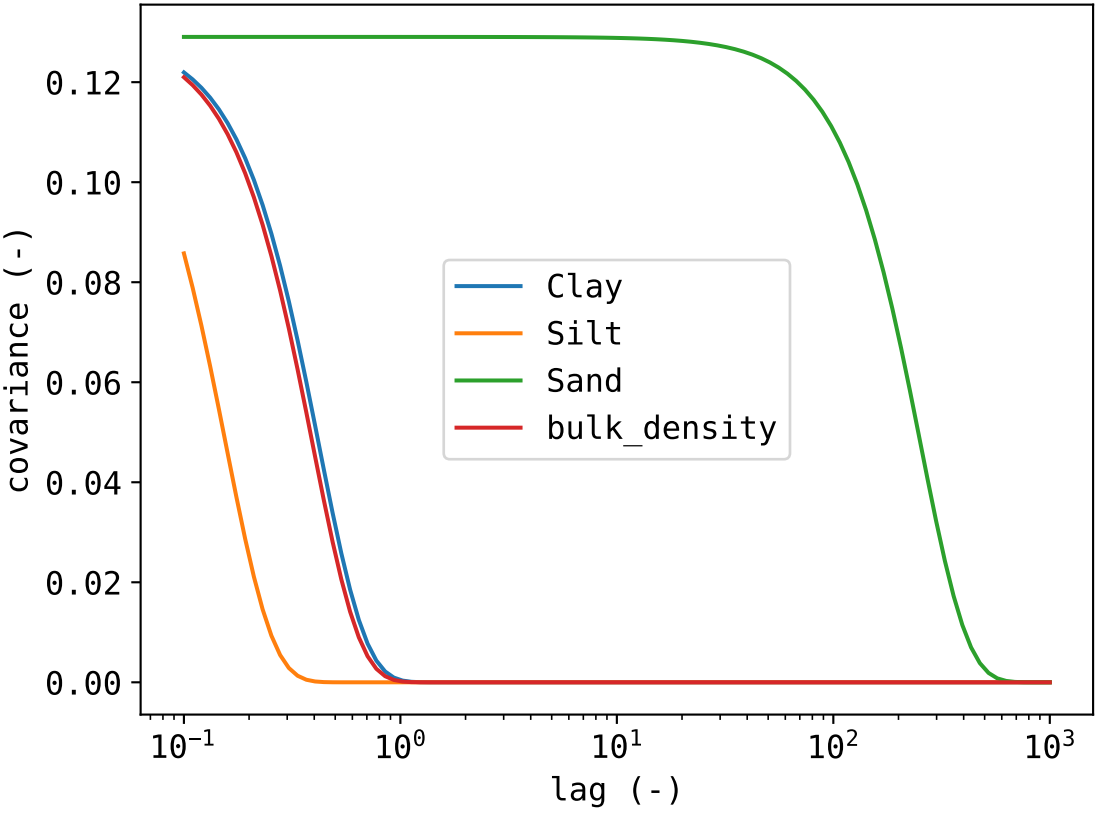

Original
Training Data
2.0
1.5
1.0
0.5
0.0
Clay
Silt
Sand
bulk_density
Input Data
2.0
1.5
1.0
0.5
0.0
Clay
Silt
Sand
bulk_density

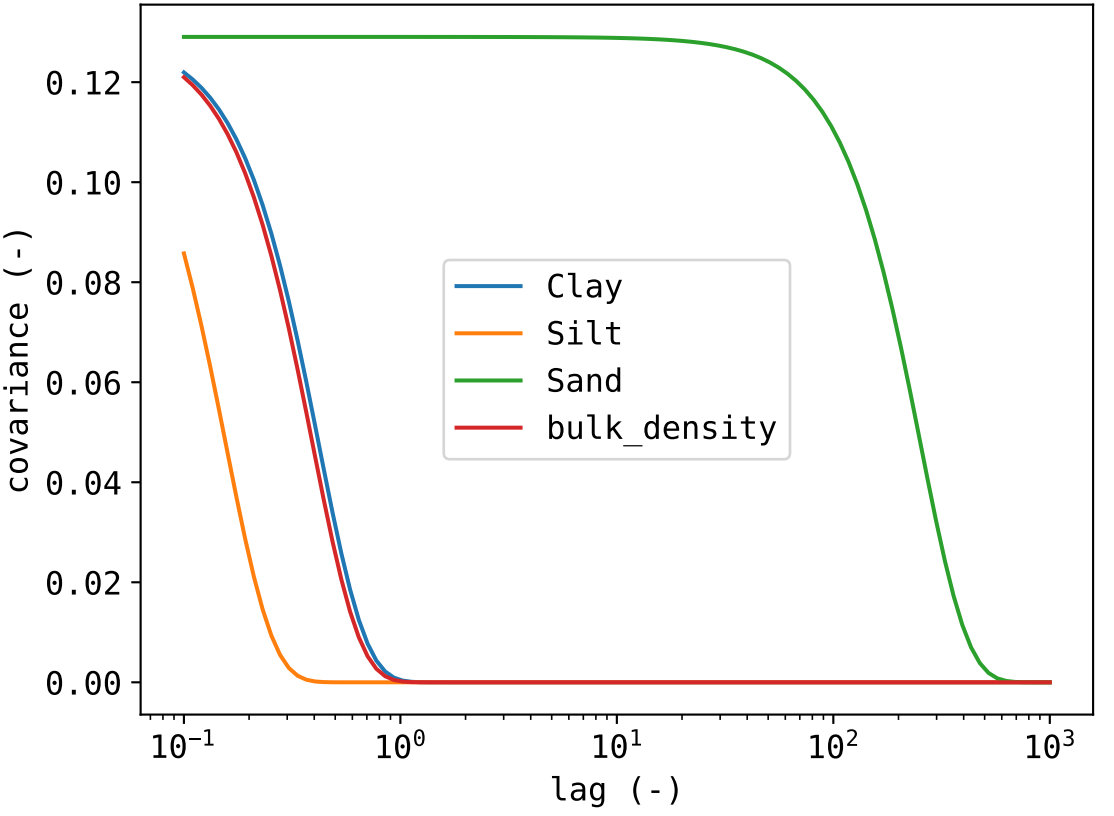

Original
Training Data
0.6
0.4
0.2
0.0
WC_pF1.0
WC_pF1.5
WC_pF2.0
WC_pF2.3
Input Data
0.6
0.4
0.2
0.0
WC_pF1.0
WC_pF1.5
WC_pF2.0
WC_pF2.3

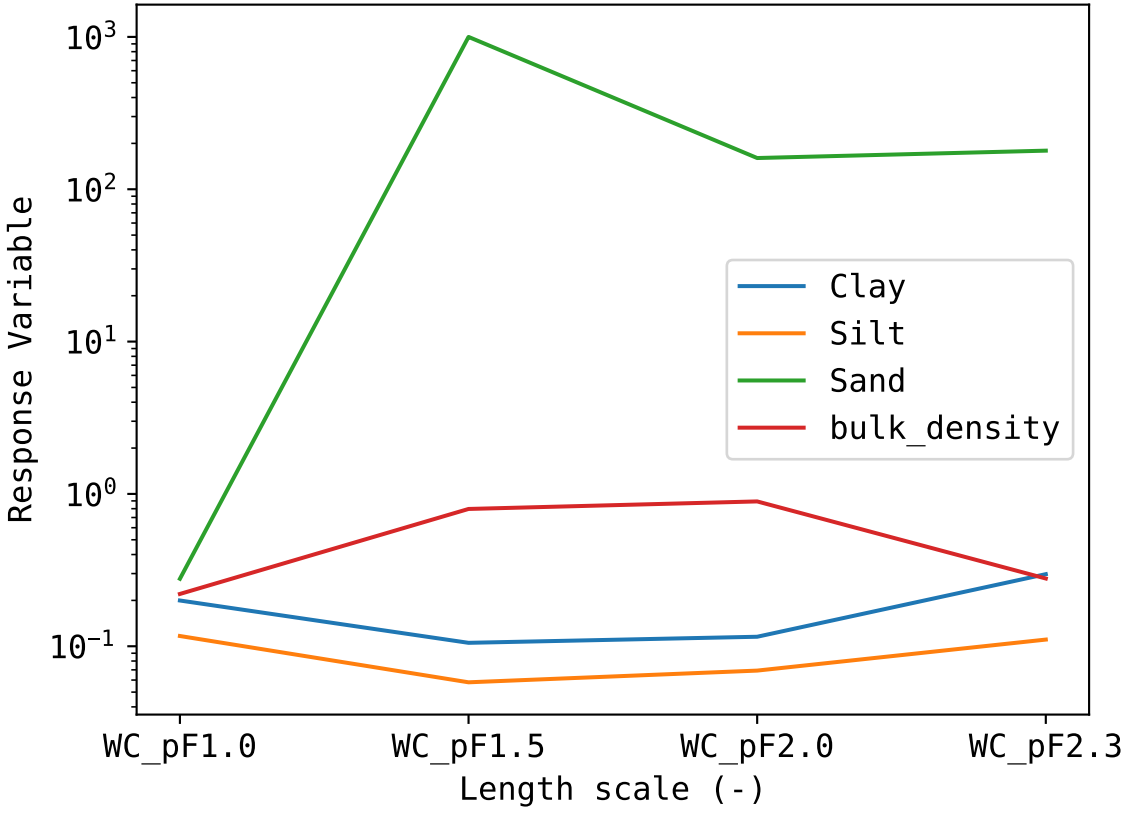

Clay
Silt
Sand
bulk_density
0.10
0.08
0.06
0.04
0.02
0.00
covariance (-)
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
lag (-)

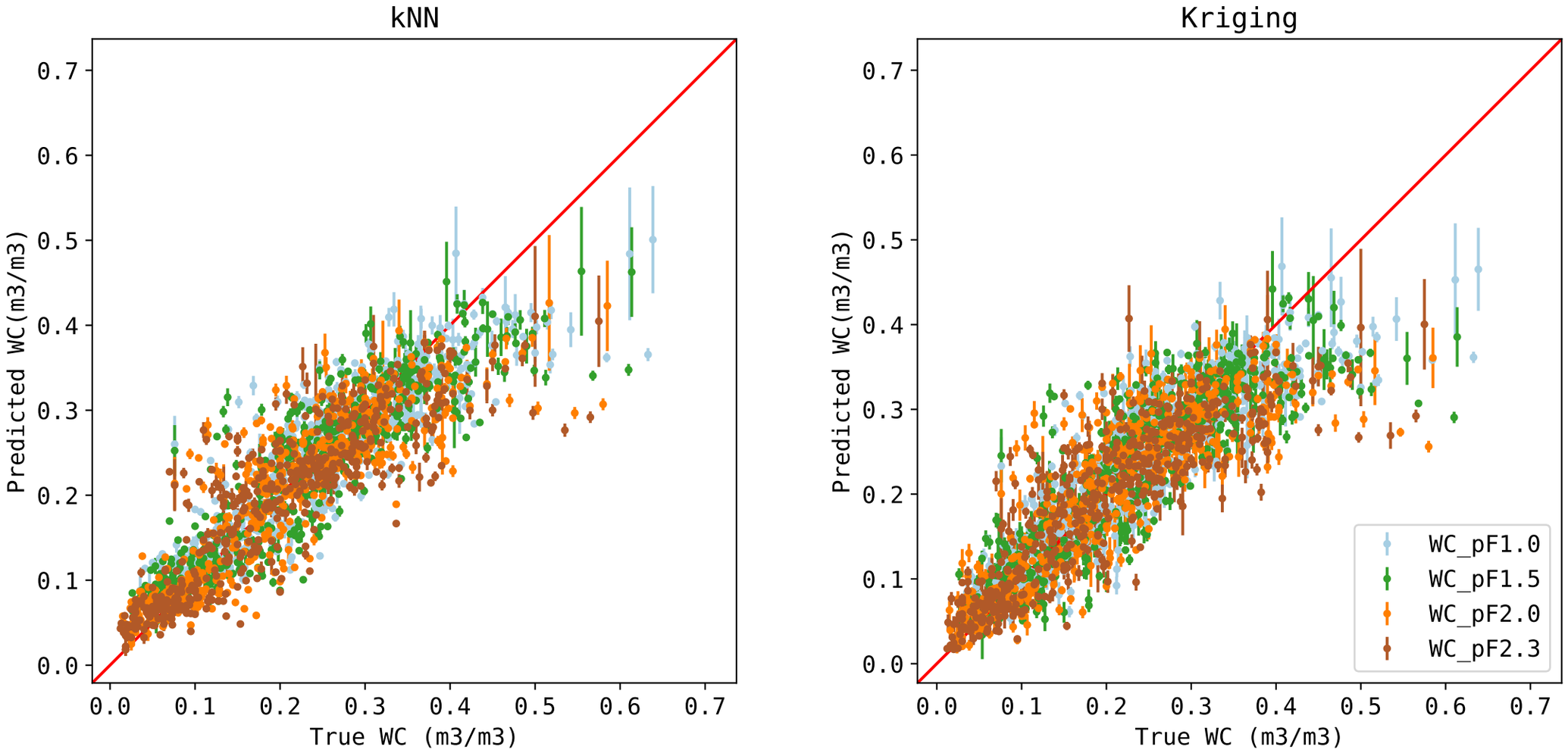

0.12
0.10
0.08
0.06
0.04
0.02
0.00
covariance (-)
Clay
Silt
Sand
bulk_density
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
lag (-)

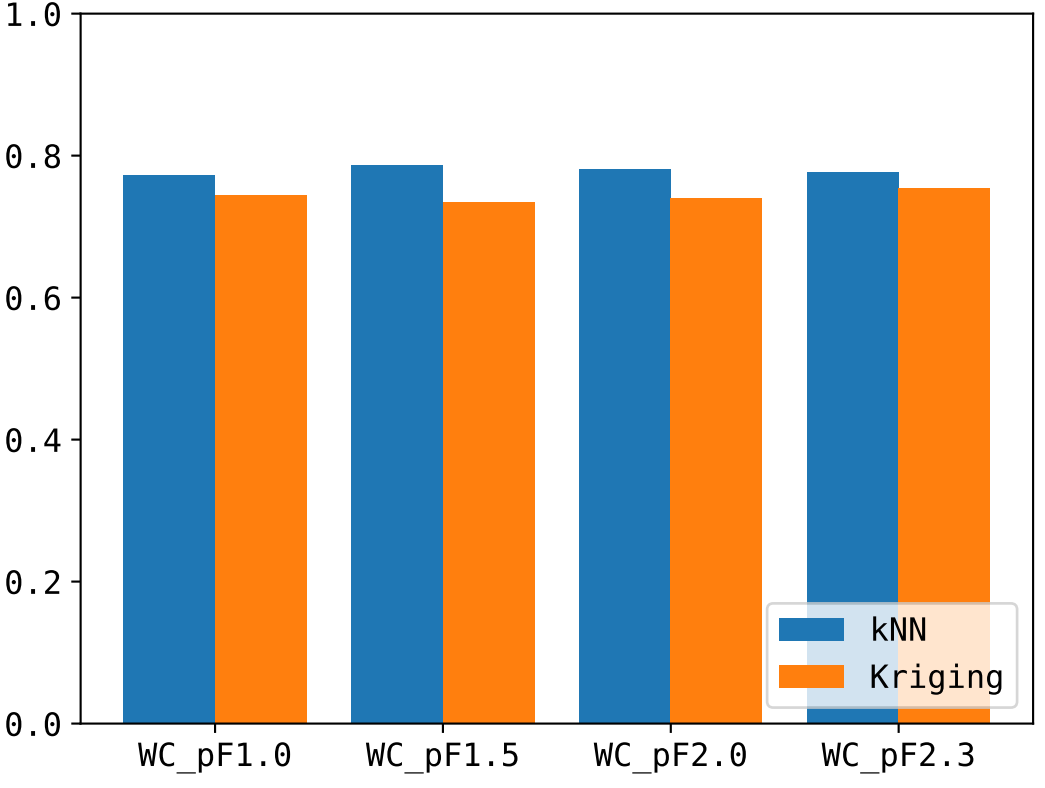

0.12
0.10
0.08
0.06
0.04
0.02
0.00
covariance (-)
Clay
Silt
Sand
bulk_density
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
lag (-)


0.12
0.10
0.08
0.06
0.04
0.02
0.00
covariance (-)
Clay
Silt
Sand
bulk_density
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
lag (-)


0.12
0.10
0.08
0.06
0.04
0.02
0.00
covariance (-)
Clay
Silt
Sand
bulk_density
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
lag (-)


Response Variable
10^3
10^2
10^1
10^0
10^{-1}
Clay
Silt
Sand
bulk_density
WC_pF1.0
WC_pF1.5
WC_pF2.0
WC_pF2.3
Length scale (-)


kNN
Kriging
Predicted WC(m3/m3)
True WC (m3/m3)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
WC_pF1.0
WC_pF1.5
WC_pF2.0
WC_pF2.3


1.0
0.8
0.6
0.4
0.2
0.0
WC_pF1.0
WC_pF1.5
WC_pF2.0
WC_pF2.3
kNN
Kriging