



Fiber Name: p0test

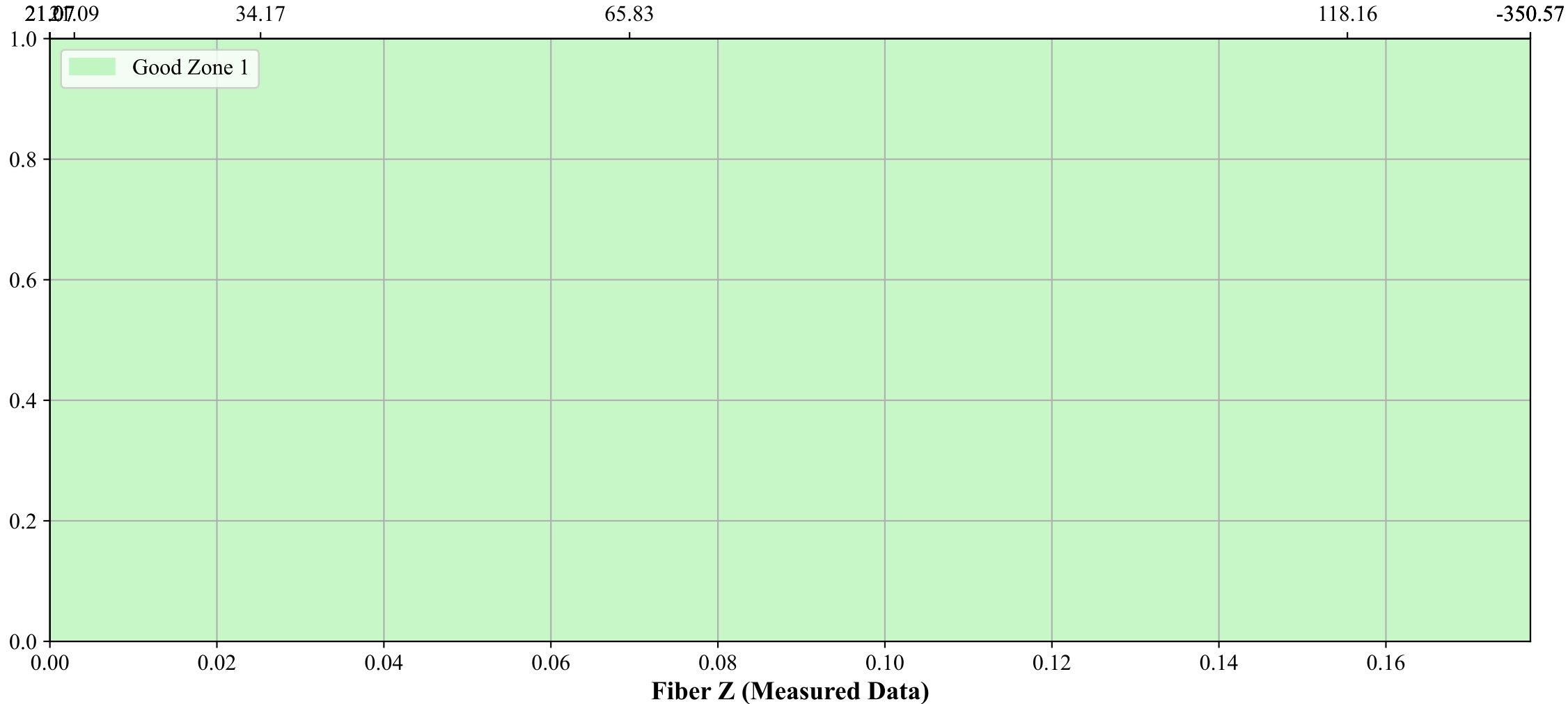
Tower Operator: ohad forman

Drawing Date: 22/3/35

Section A - Fiber Good Zones for T&M

Good Fiber Zones with Dual X-Axis (Fiber Z & Preform Z)

Preform Z

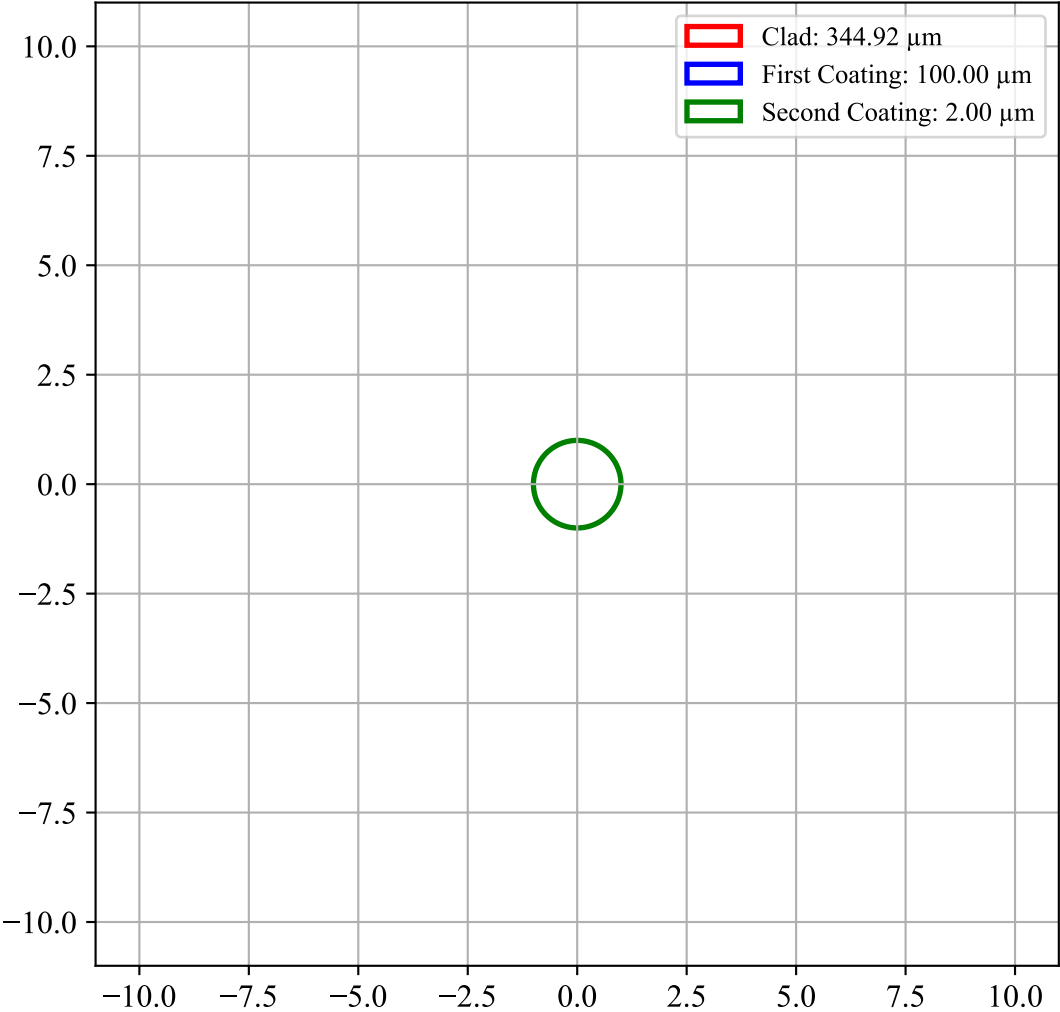


==== Good Fiber Zone 1 (Fiber Z: 0.00 - 0.18) ====

Bare Fibre Diameter: 344.92 ± 80.64
Diameter Error: 10.05 ± 0.00
Capstan Speed: 5.92 ± 5.15
Furnace DegC Actual: 2049.99 ± 0.33
Preform Speed Actual: 1.43 ± 1.43
Cane Speed Actual: 0.00 ± 0.00
Tension N: 1.29 ± 22.15
Trend Marker: 0.00 ± 0.00
Coated Outer Diameter: 2.00 ± 0.00
Poly X Diameter: 0.00 ± 0.00
Poly Y Diameter: 0.00 ± 0.00
Poly Major Value: 0.00 ± 0.00
Poly Minor Value: 0.94 ± 0.00
Diameter Deviation Gauge 2: -62.99 ± 45.01
UV 1 Intensity: 0.00 ± 0.00
UV 2 Intensity: 0.00 ± 0.00

====T&M Section====

New fiber name= _____
Core Diameter(μm) = _____
Clad Diameter(μm) = _____
First coating Diameter(μm) = _____
Second coating Diameter(μm) = _____
Birefringence= _____



Section B - Coating Report

Coating Report

Main Coating

Main Coating Die Diameter (μm): 150.0

Main Entry Die Diameter (μm): 160.0

Main Density (g/cm^3): 1.05

Main Coating: Coat A

Main Coating Temp ($^{\circ}\text{C}$): 48.0

Main Viscosity ($\text{mPa}\cdot\text{s}$): 1.066

Main Estimated Thickness (μm): 150.34

Secondary Coating

Secondary Coating Die Diameter (μm): 160.0

Secondary Entry Die Diameter (μm): 170.0

Secondary Density (g/cm^3): 1.12

Secondary Coating: Coat B

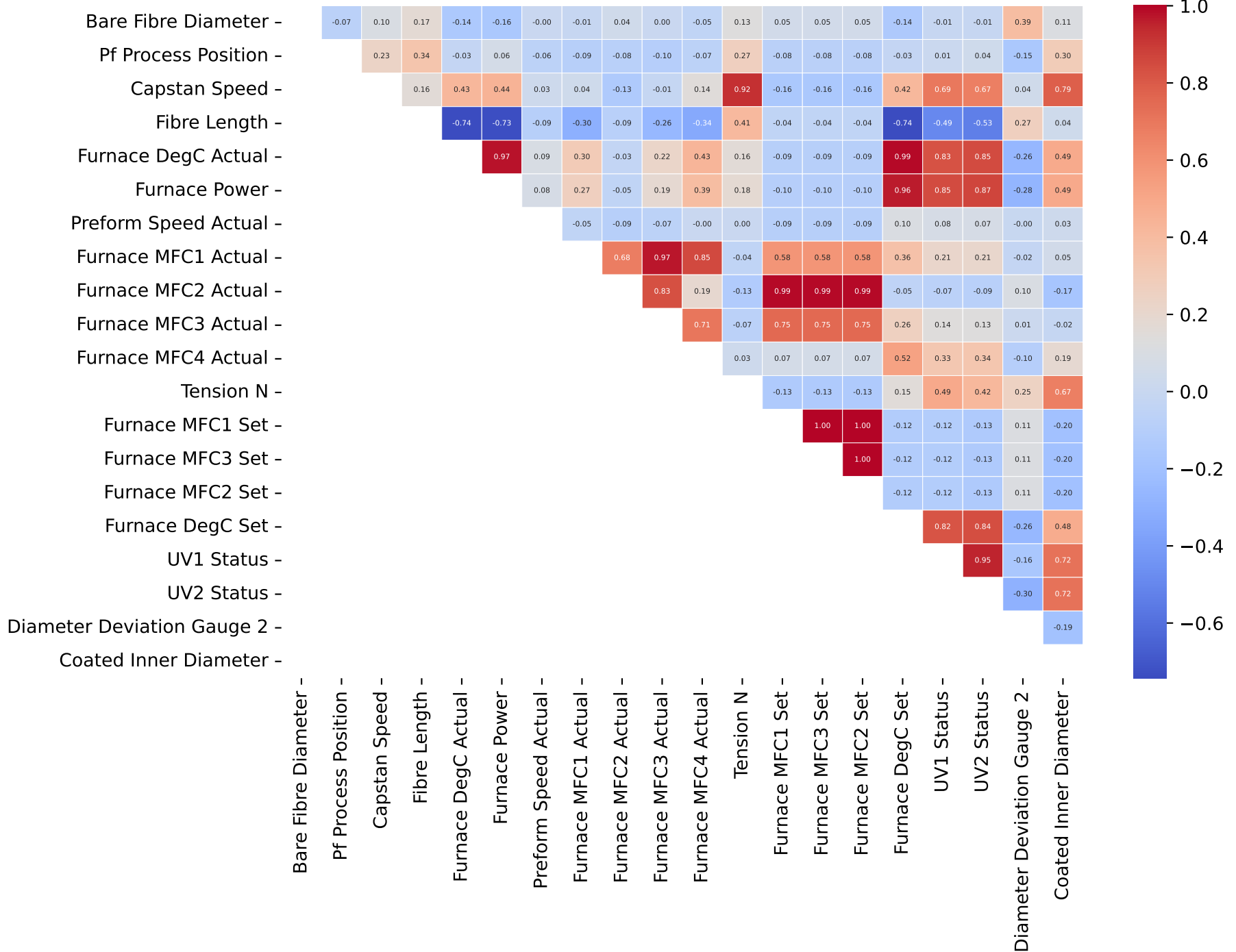
Secondary Coating Temp ($^{\circ}\text{C}$): 44.0

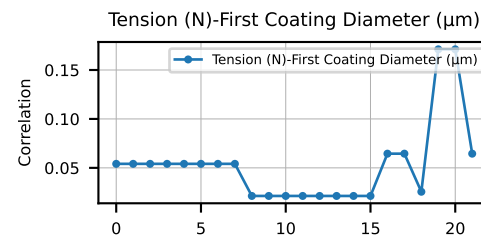
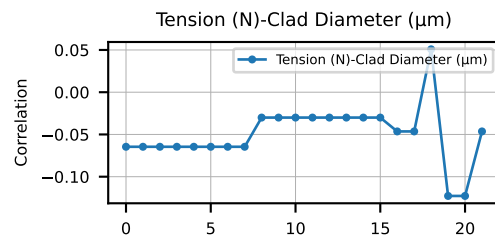
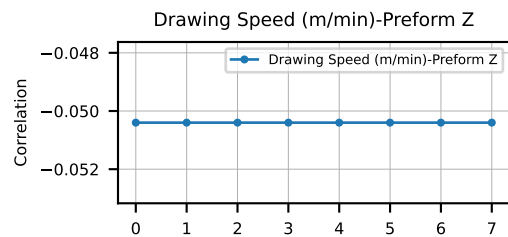
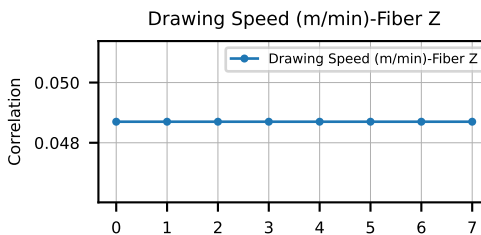
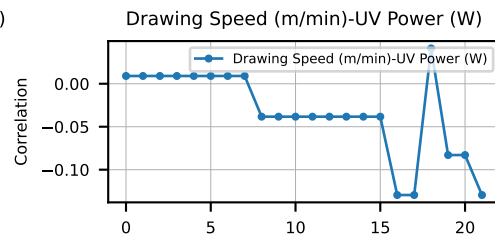
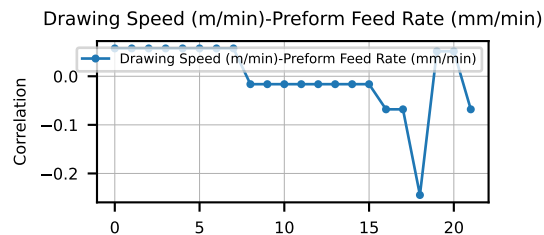
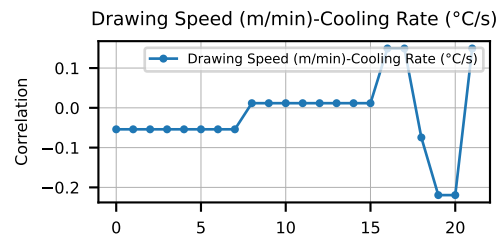
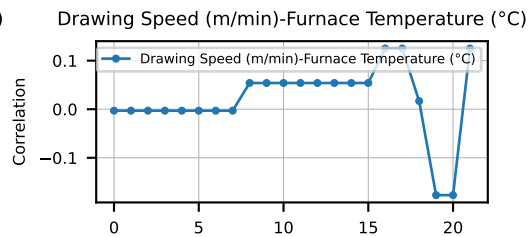
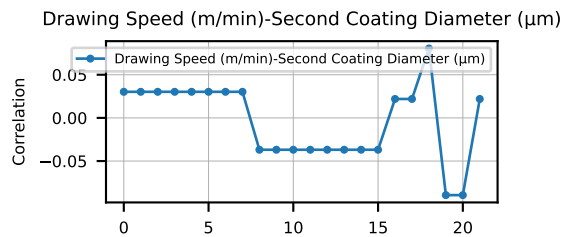
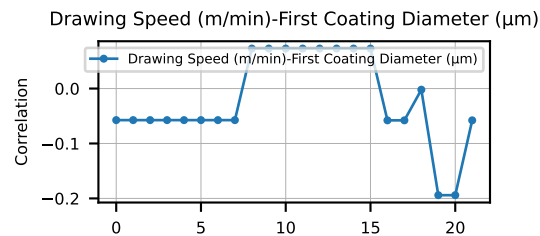
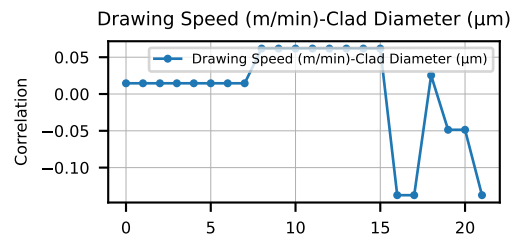
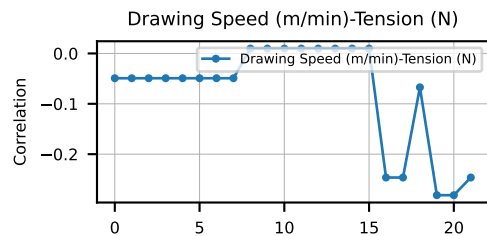
Secondary Viscosity ($\text{mPa}\cdot\text{s}$): 1.398

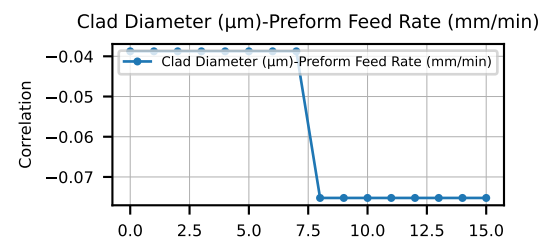
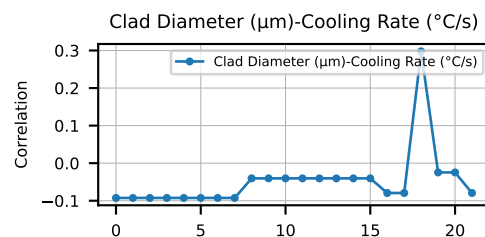
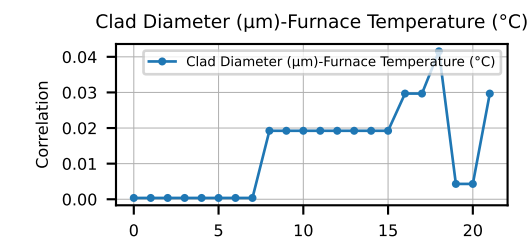
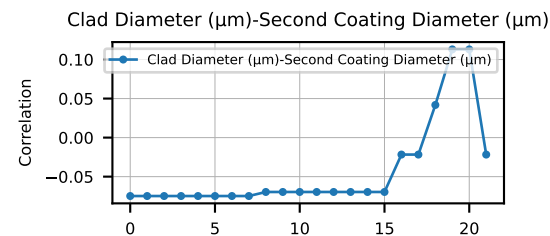
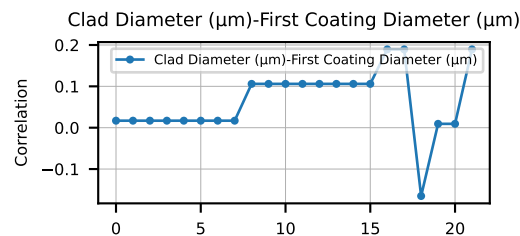
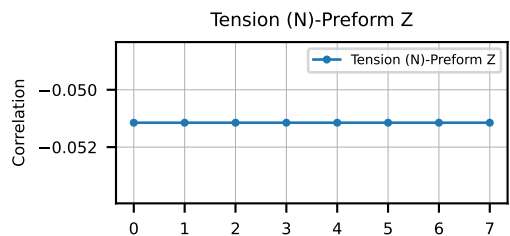
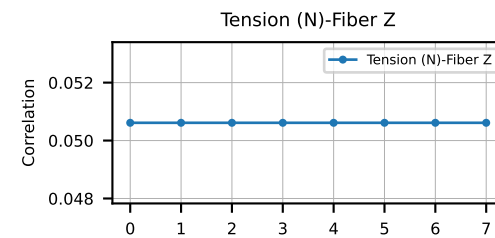
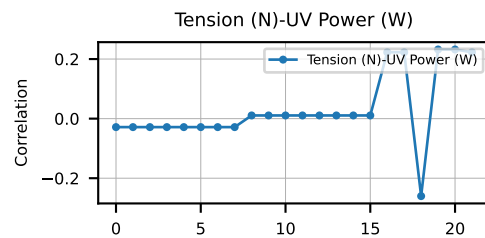
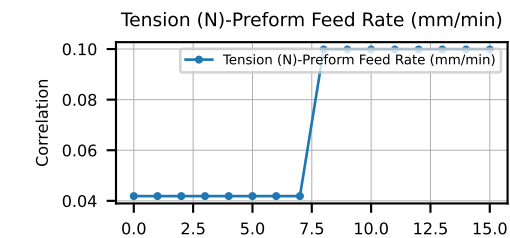
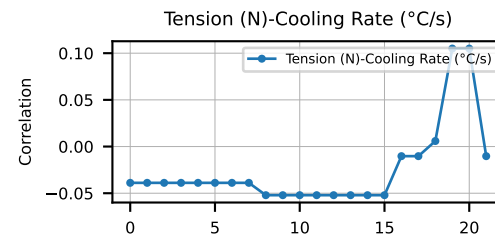
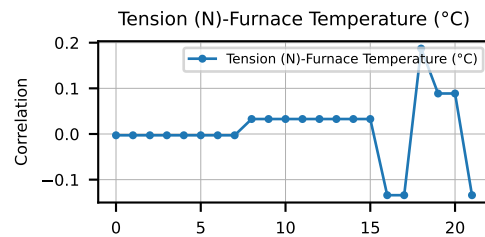
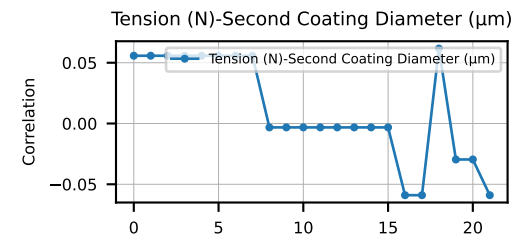
Secondary Estimated Thickness (μm): 165.41

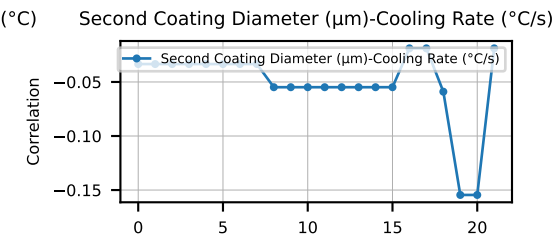
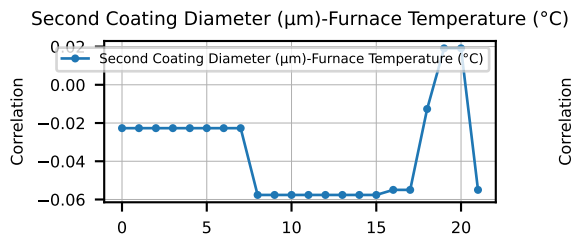
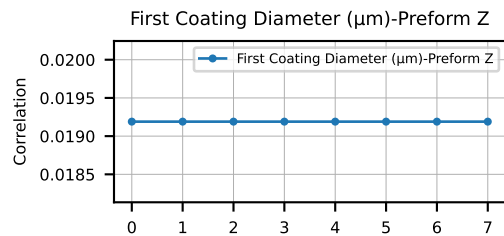
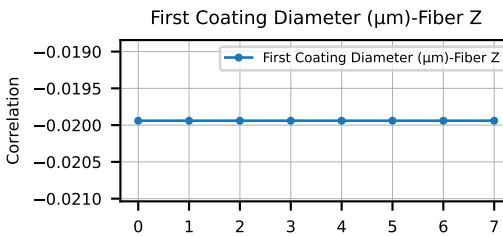
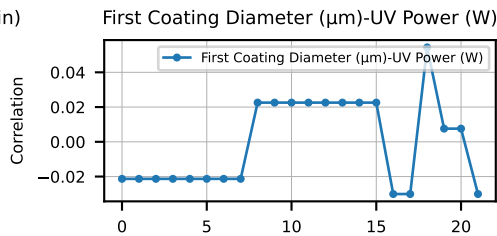
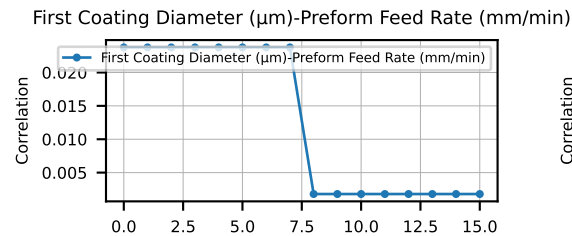
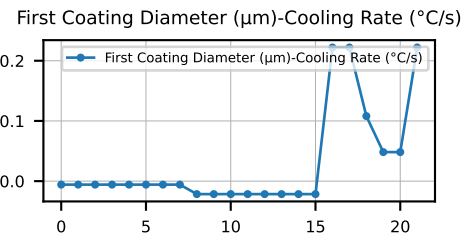
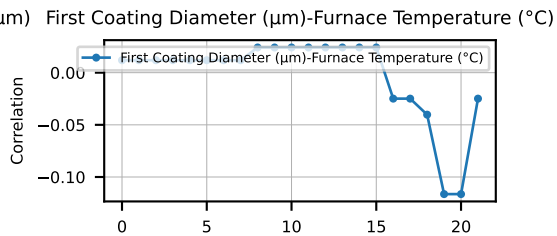
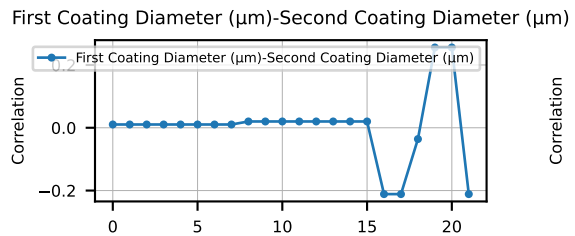
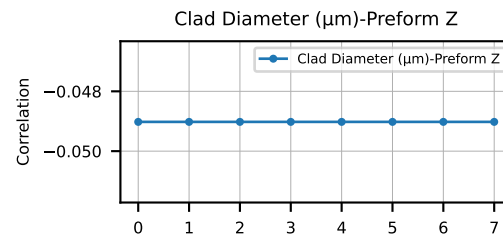
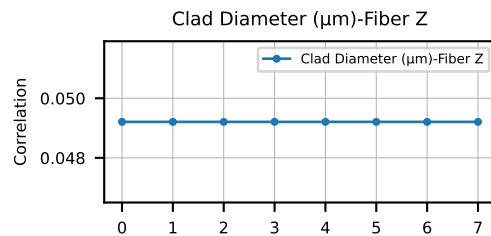
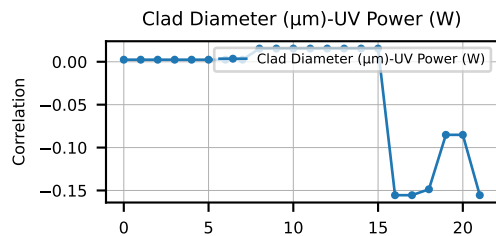
Section C - Tower Performance Analysis

Upper Diagonal Correlation Heatmap for Training2

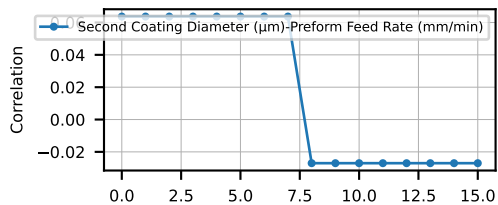




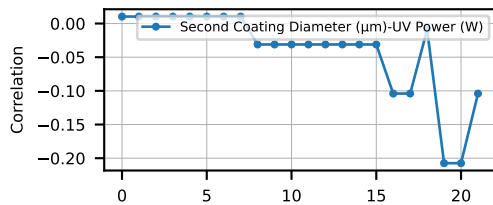




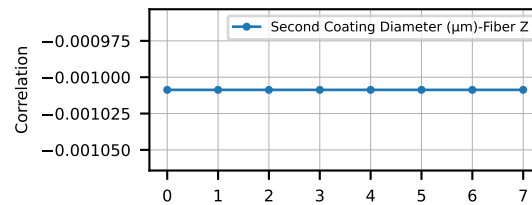
Second Coating Diameter (μm)-Preform Feed Rate (mm/min)



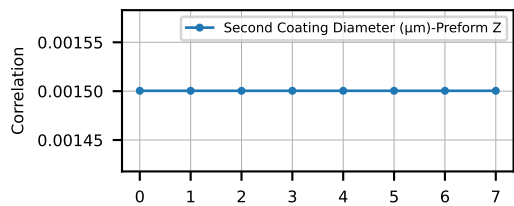
Second Coating Diameter (μm)-UV Power (W)



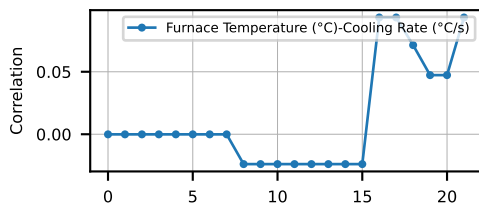
Second Coating Diameter (μm)-Fiber Z



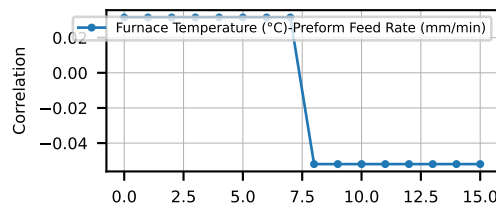
Second Coating Diameter (μm)-Preform Z



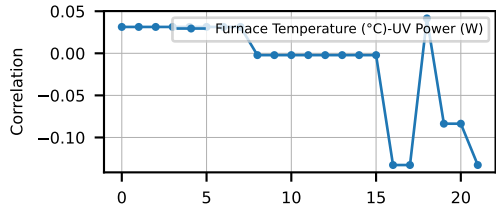
Furnace Temperature ($^{\circ}\text{C}$)-Cooling Rate ($^{\circ}\text{C/s}$)



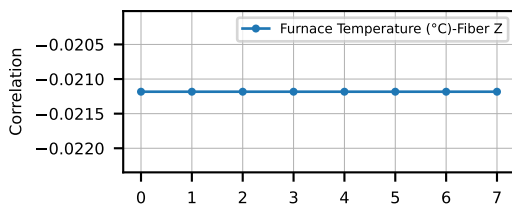
Furnace Temperature ($^{\circ}\text{C}$)-Preform Feed Rate (mm/min)



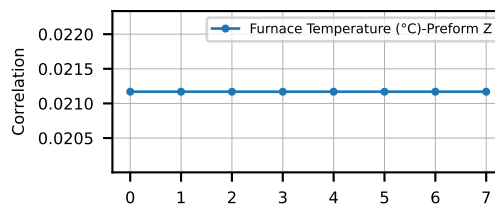
Furnace Temperature ($^{\circ}\text{C}$)-UV Power (W)



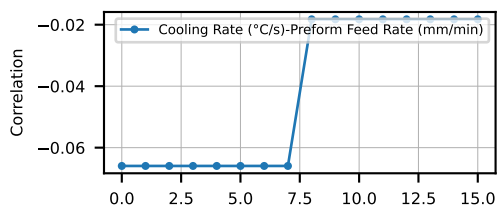
Furnace Temperature ($^{\circ}\text{C}$)-Fiber Z



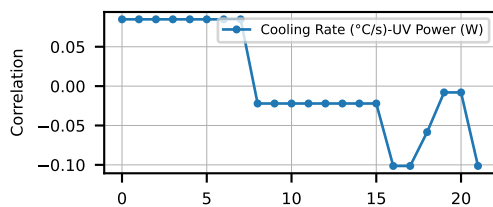
Furnace Temperature ($^{\circ}\text{C}$)-Preform Z



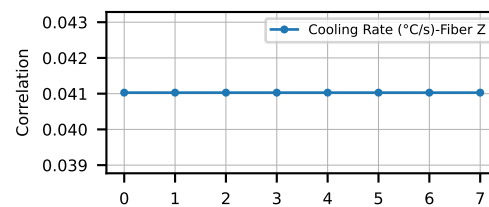
Cooling Rate ($^{\circ}\text{C/s}$)-Preform Feed Rate (mm/min)

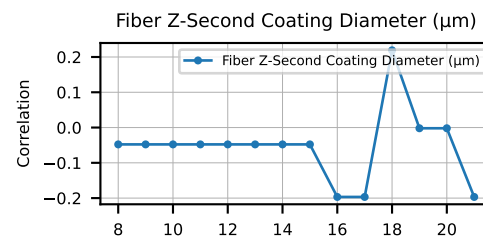
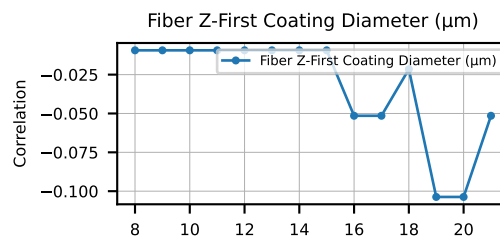
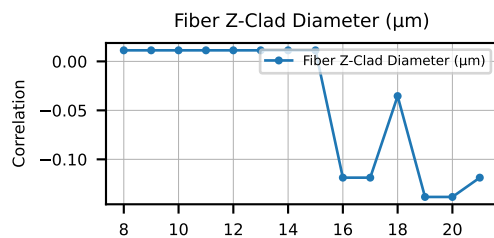
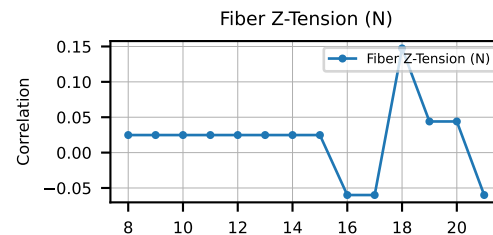
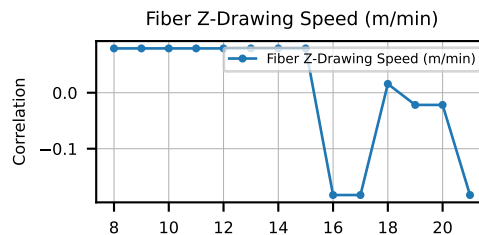
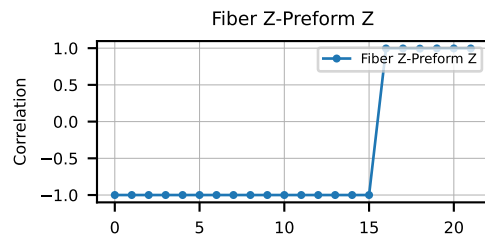
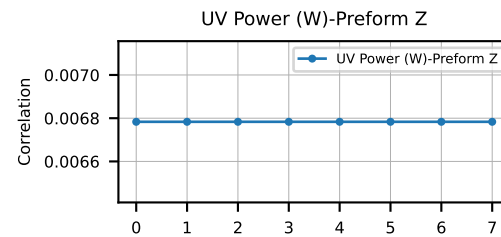
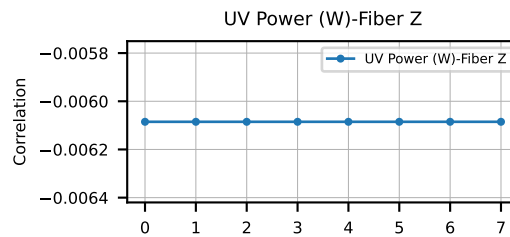
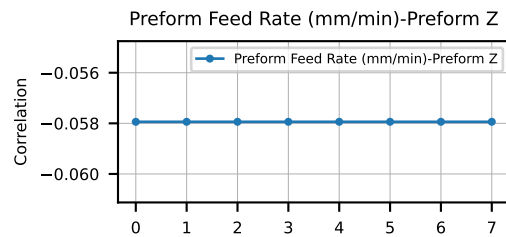
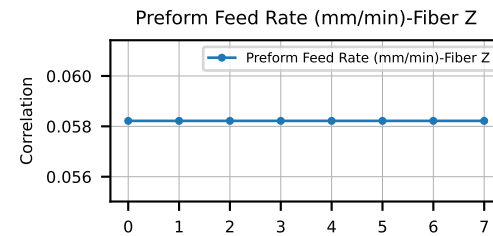
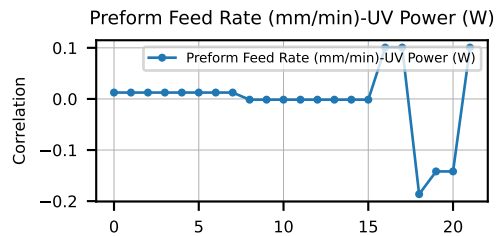
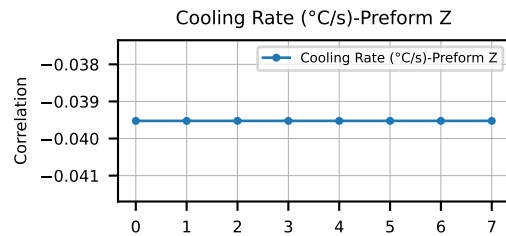


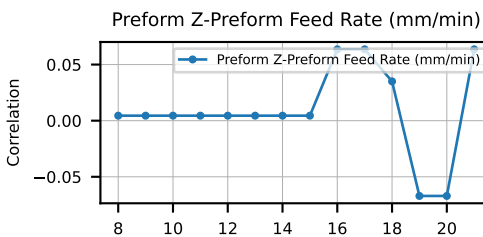
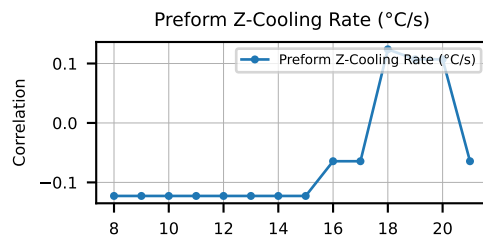
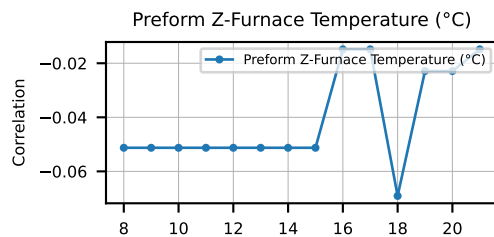
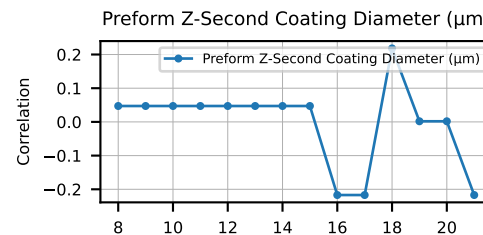
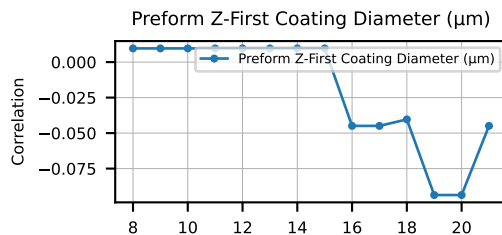
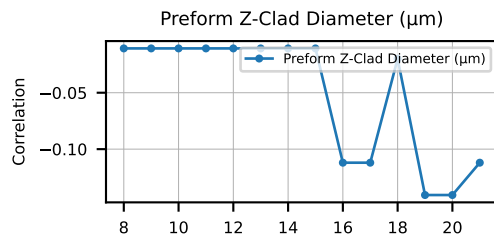
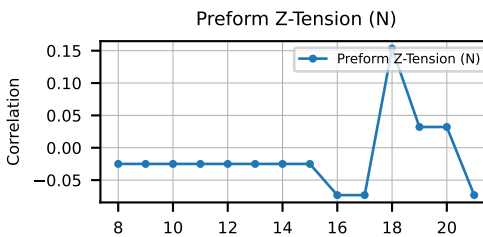
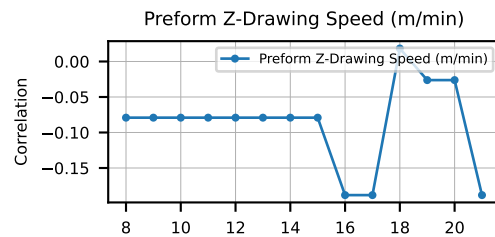
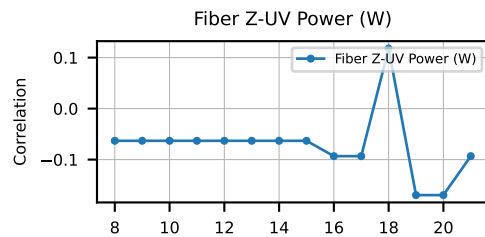
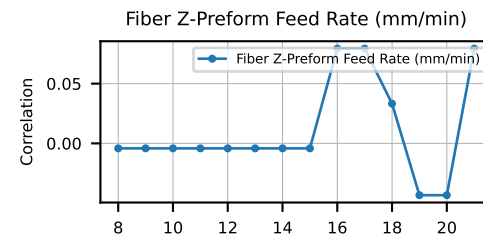
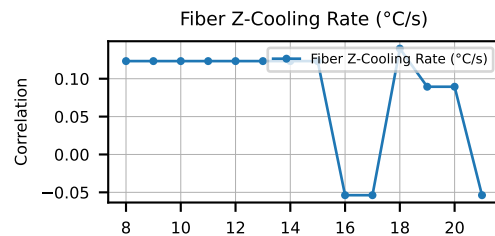
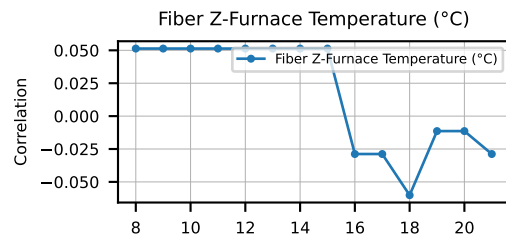
Cooling Rate ($^{\circ}\text{C/s}$)-UV Power (W)

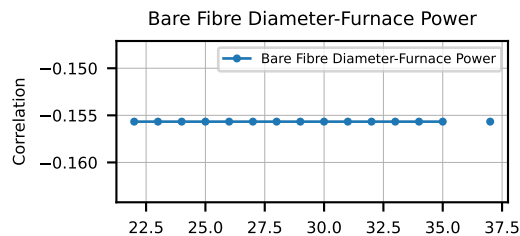
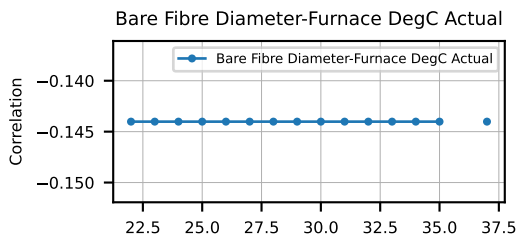
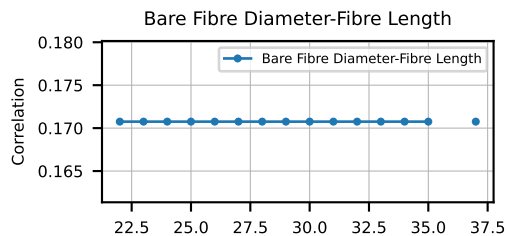
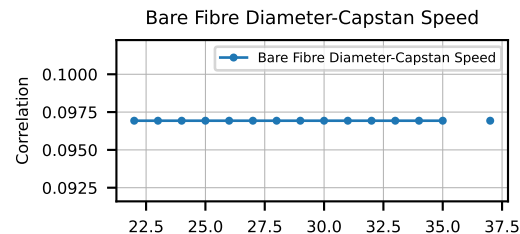
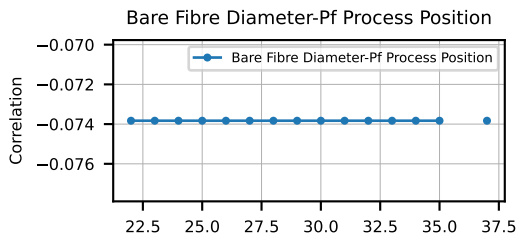
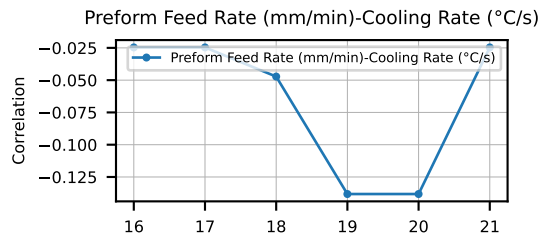
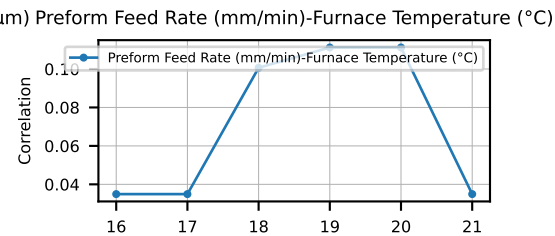
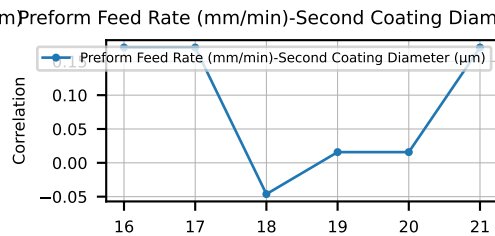
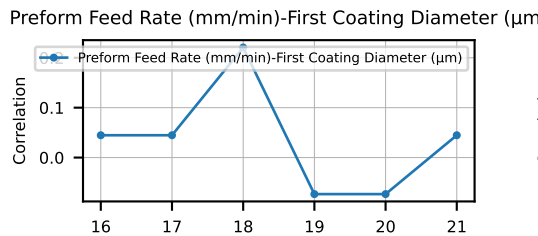
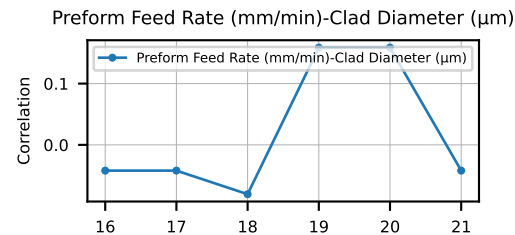
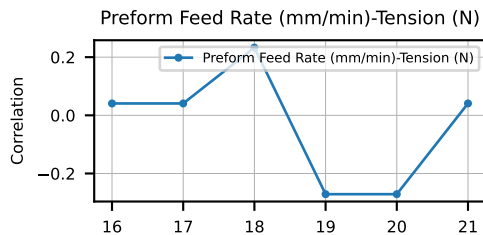
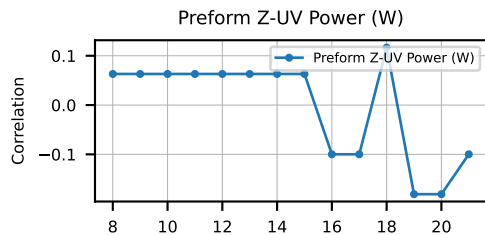


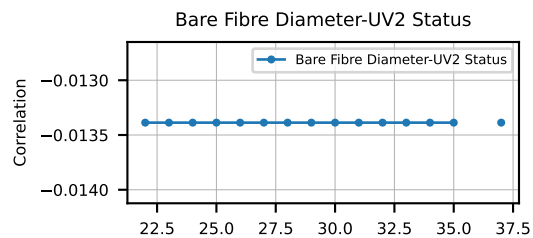
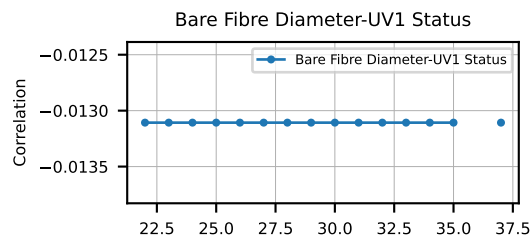
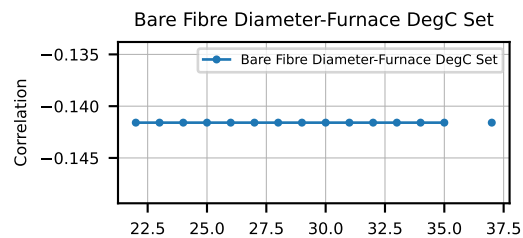
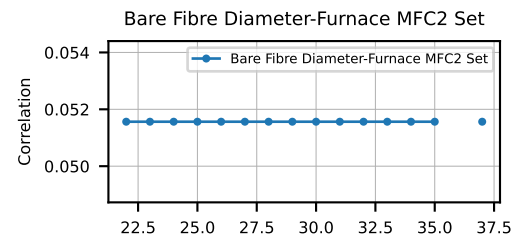
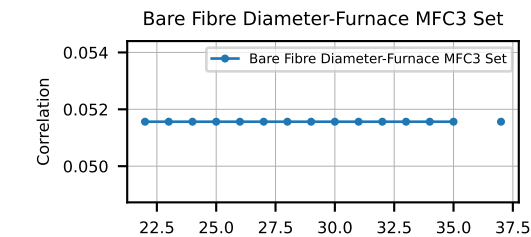
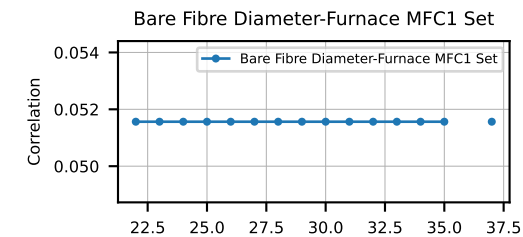
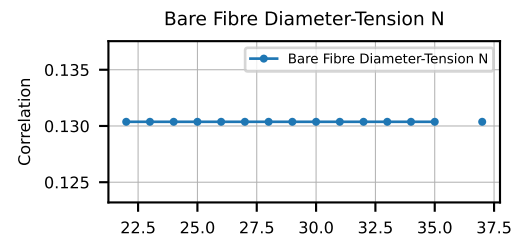
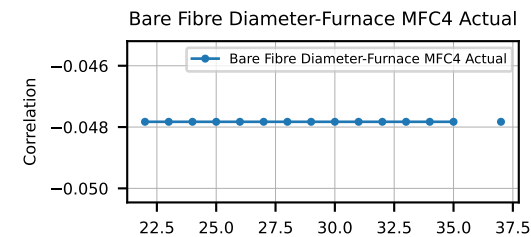
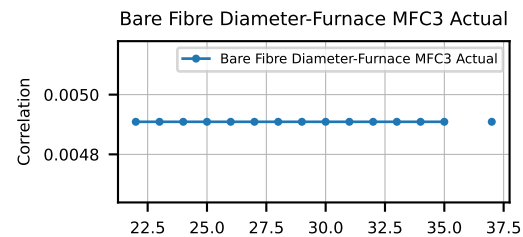
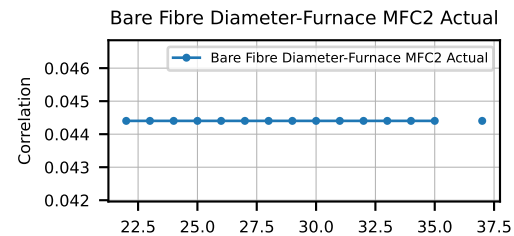
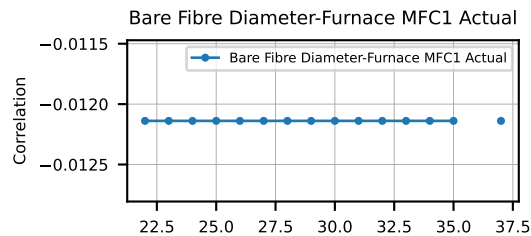
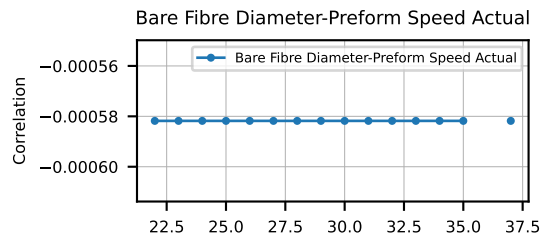
Cooling Rate ($^{\circ}\text{C/s}$)-Fiber Z



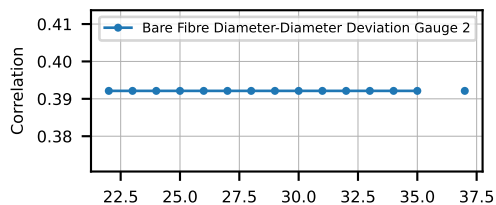




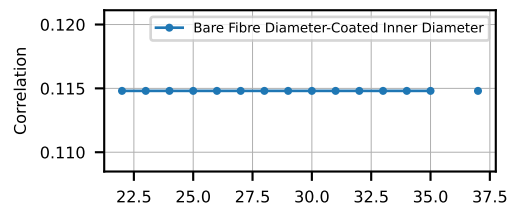




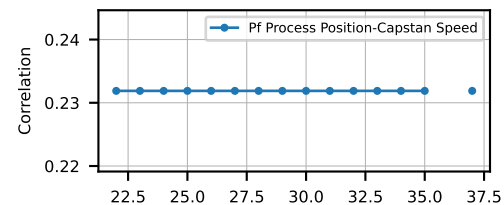
Bare Fibre Diameter-Diameter Deviation Gauge 2



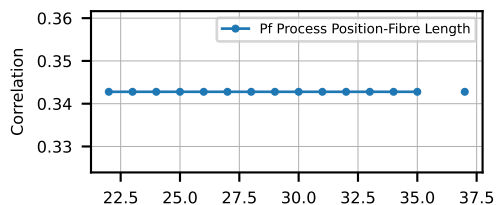
Bare Fibre Diameter-Coated Inner Diameter



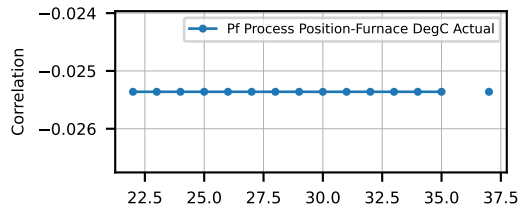
Pf Process Position-Capstan Speed



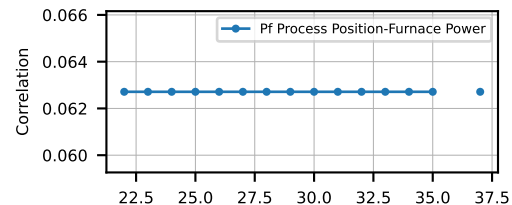
Pf Process Position-Fibre Length



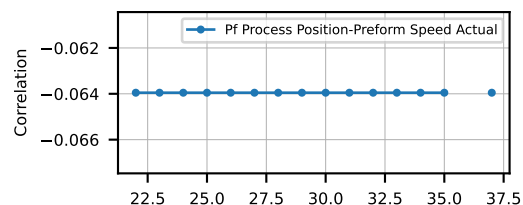
Pf Process Position-Furnace DegC Actual



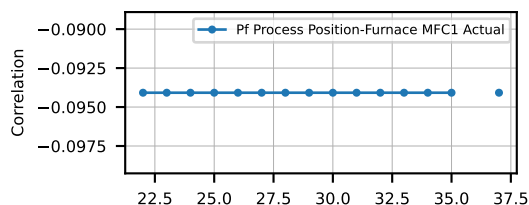
Pf Process Position-Furnace Power



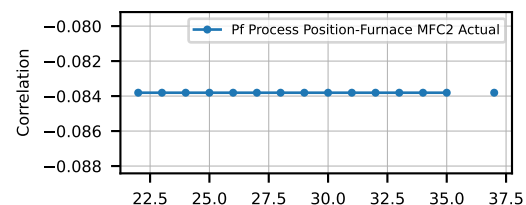
Pf Process Position-Preform Speed Actual



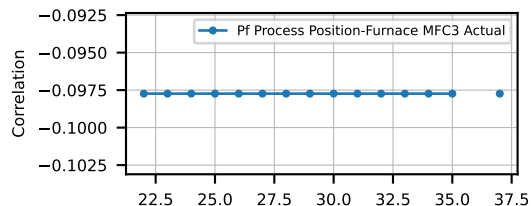
Pf Process Position-Furnace MFC1 Actual



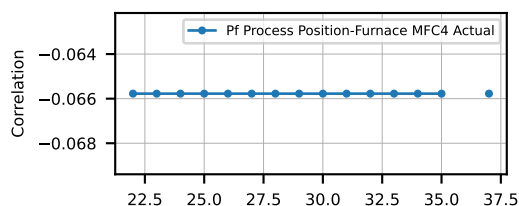
Pf Process Position-Furnace MFC2 Actual



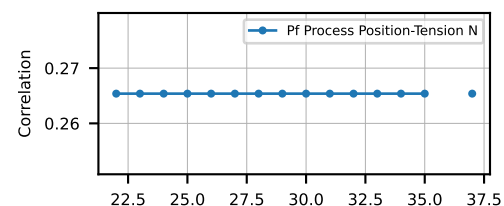
Pf Process Position-Furnace MFC3 Actual

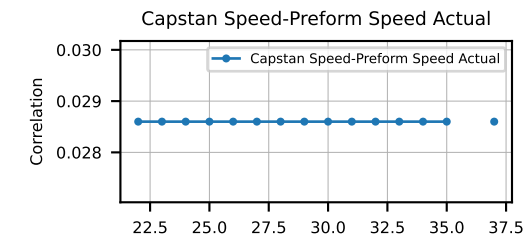
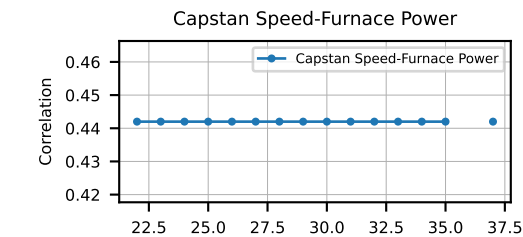
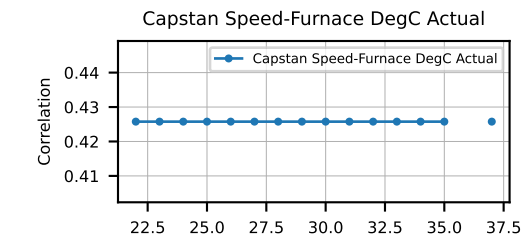
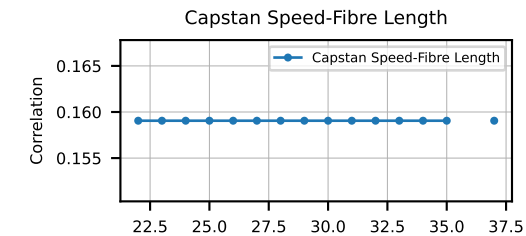
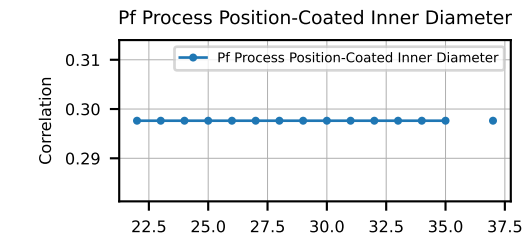
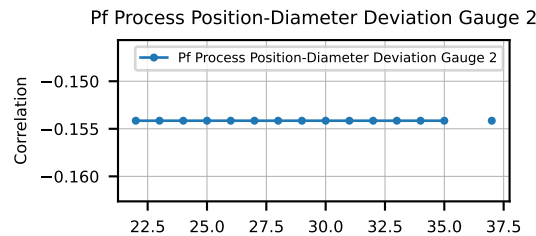
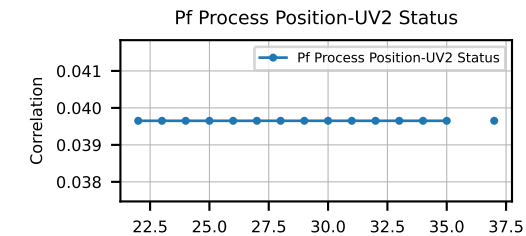
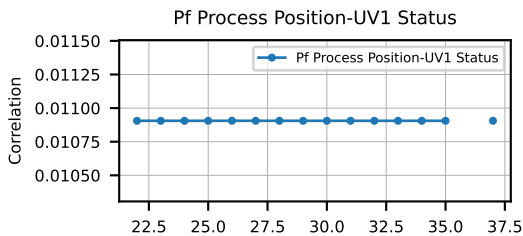
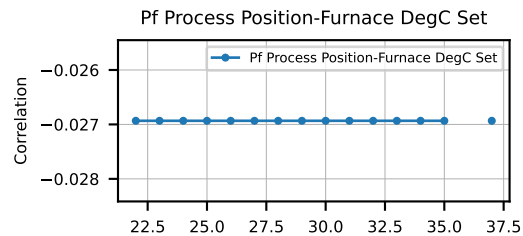
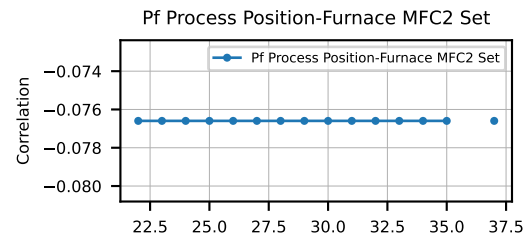
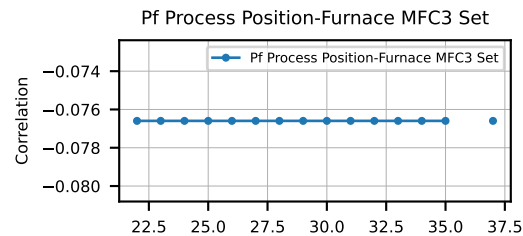
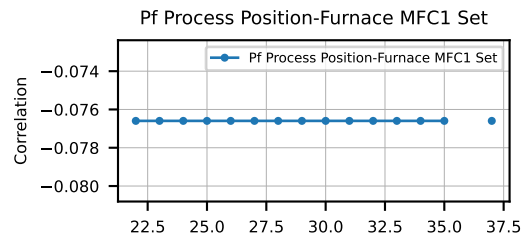


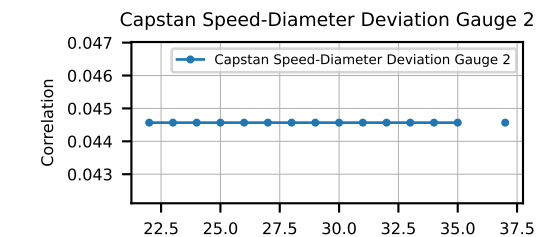
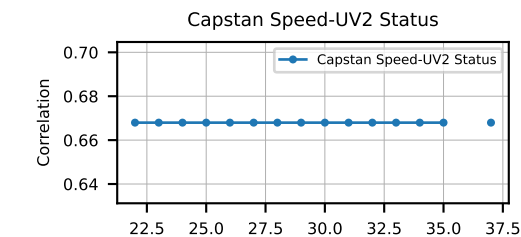
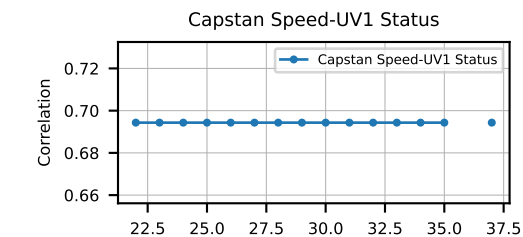
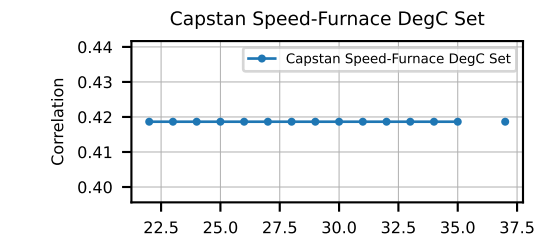
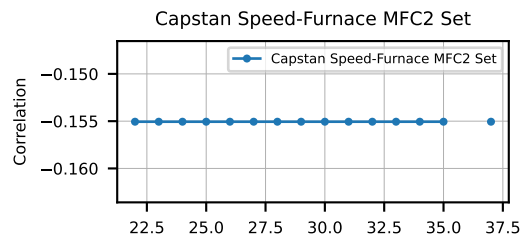
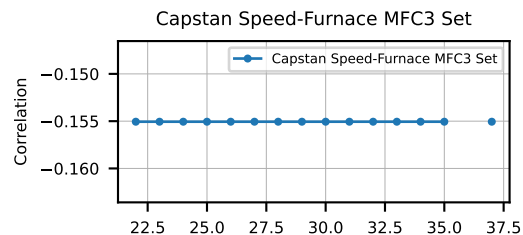
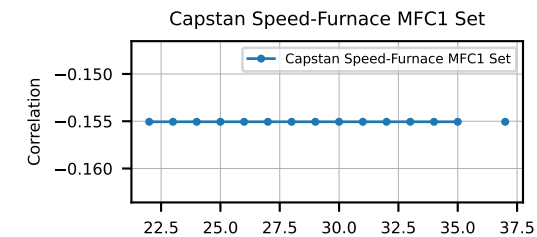
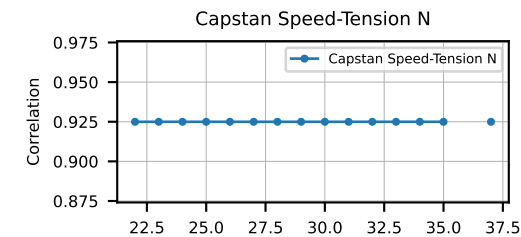
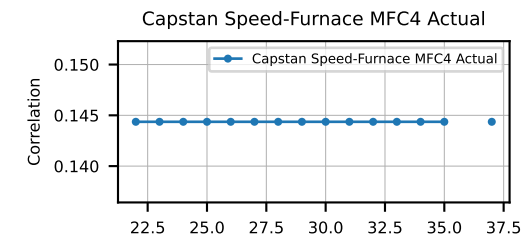
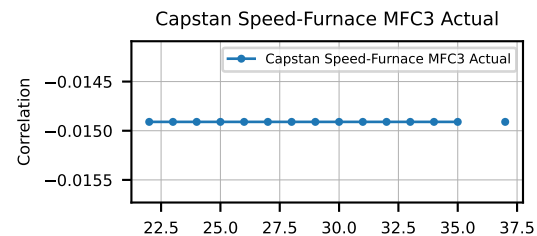
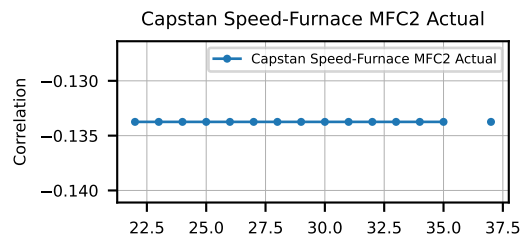
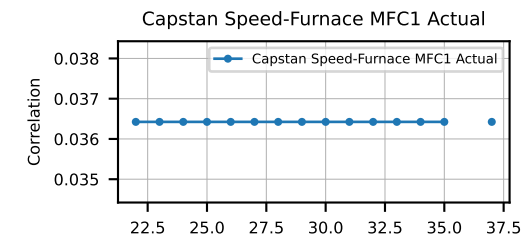
Pf Process Position-Furnace MFC4 Actual

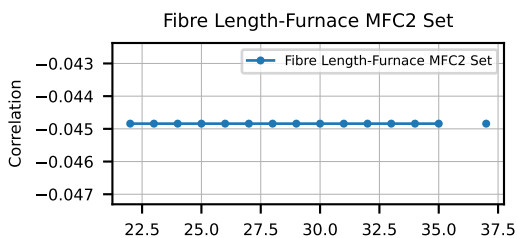
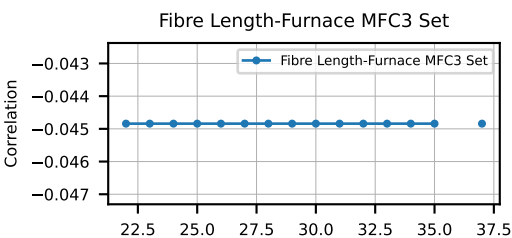
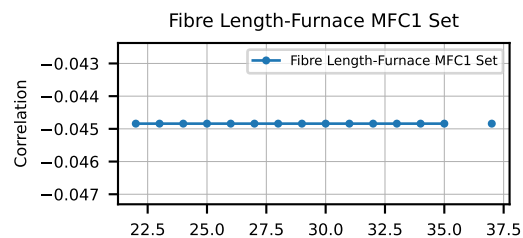
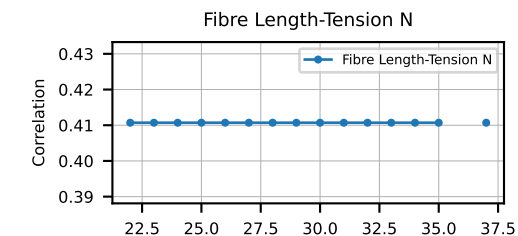
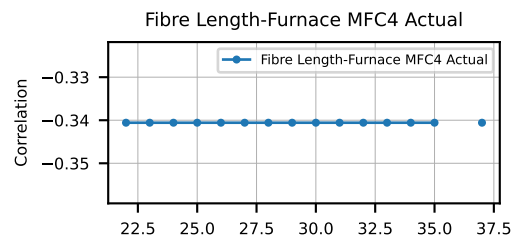
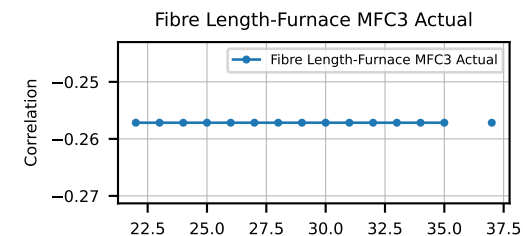
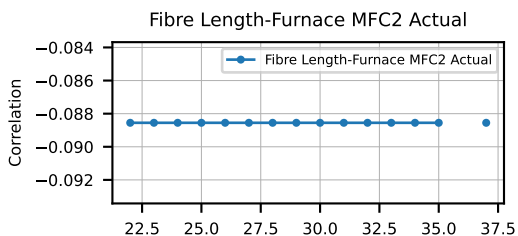
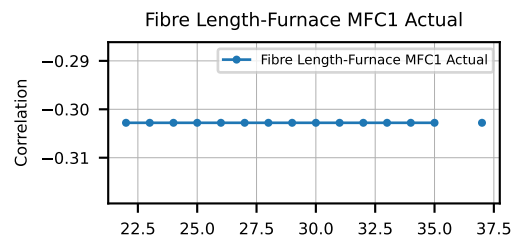
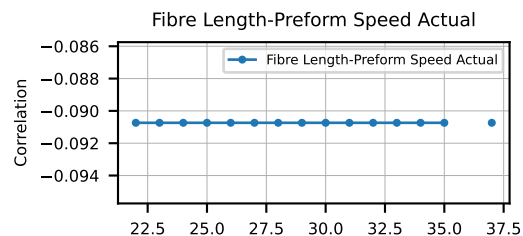
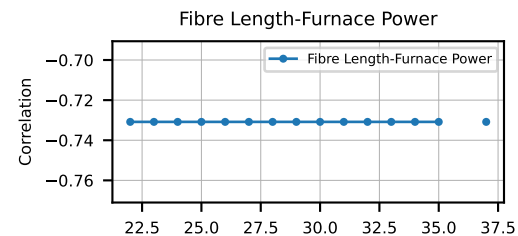
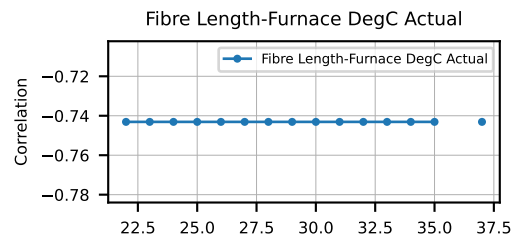
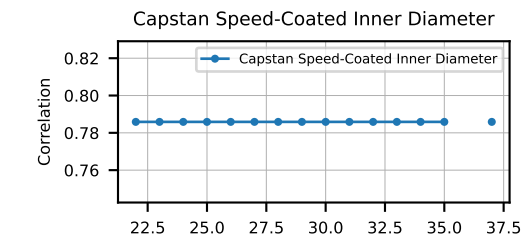


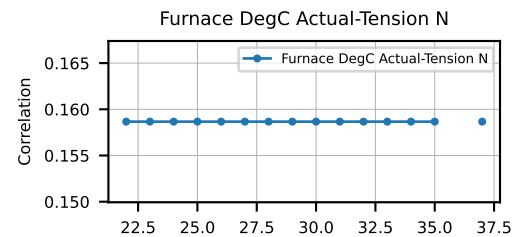
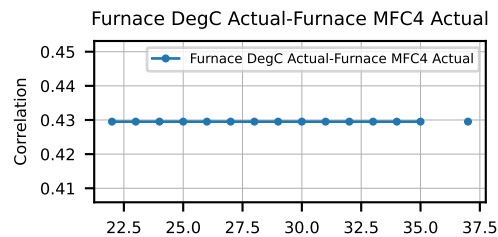
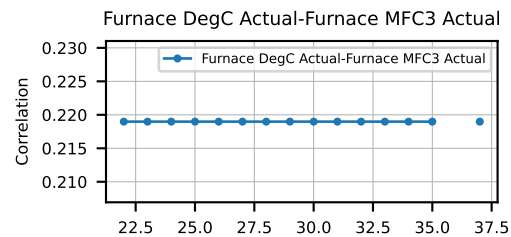
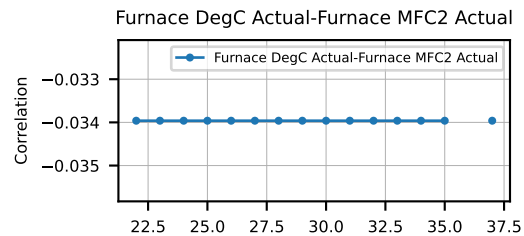
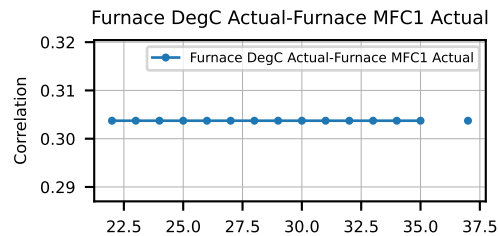
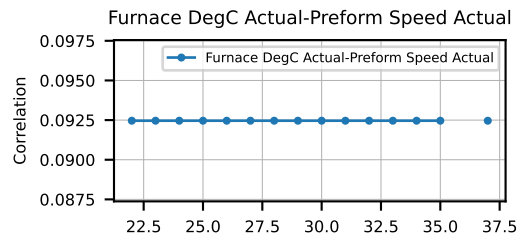
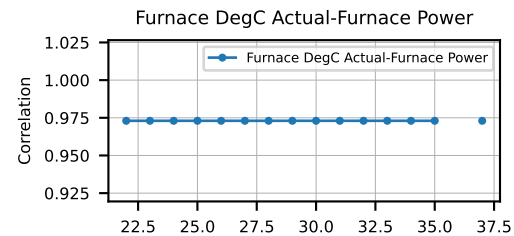
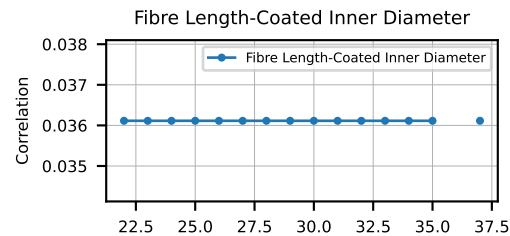
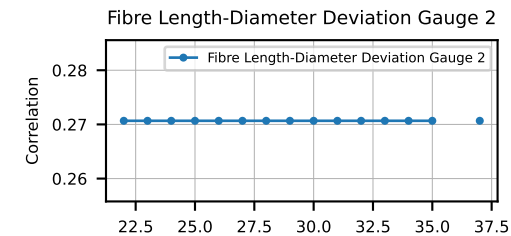
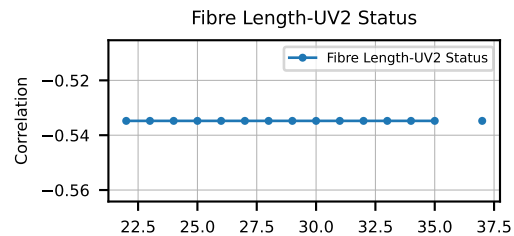
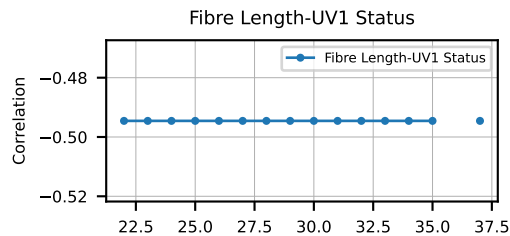
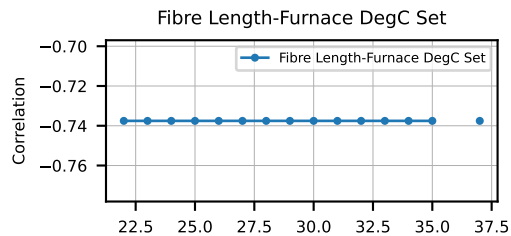
Pf Process Position-Tension N

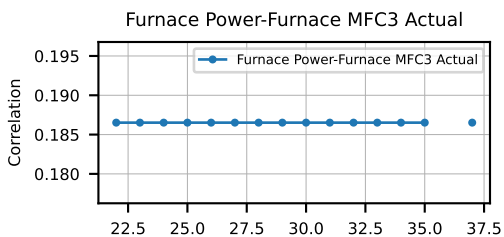
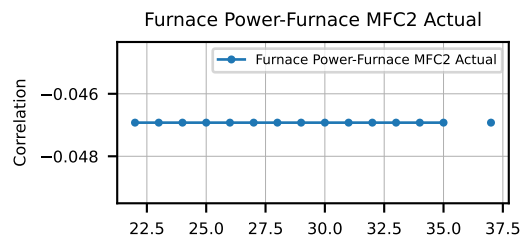
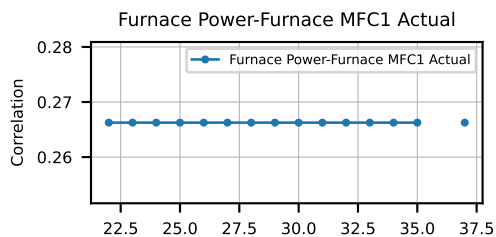
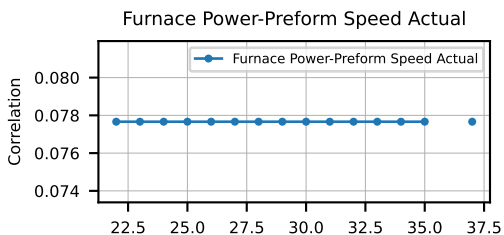
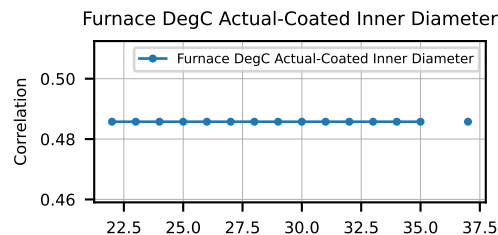
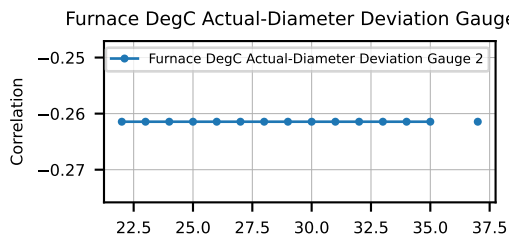
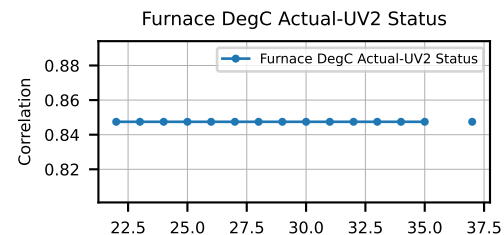
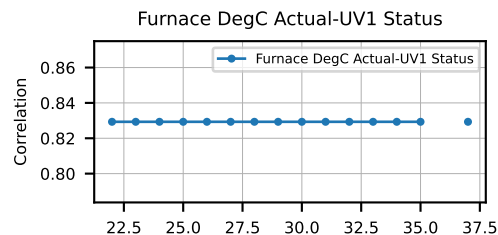
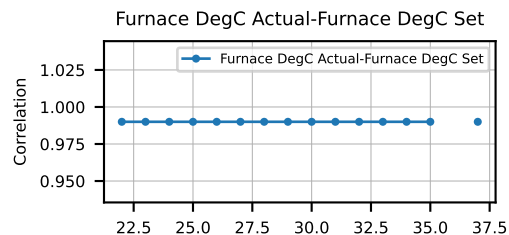
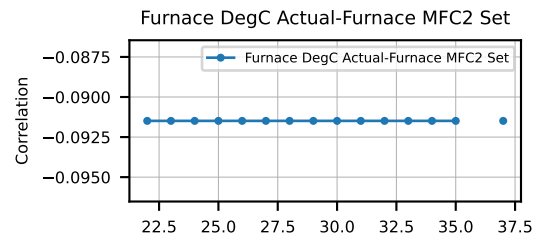
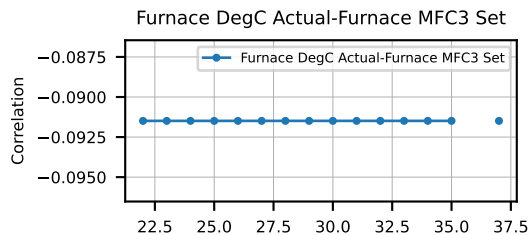
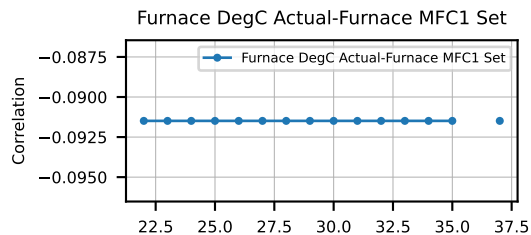


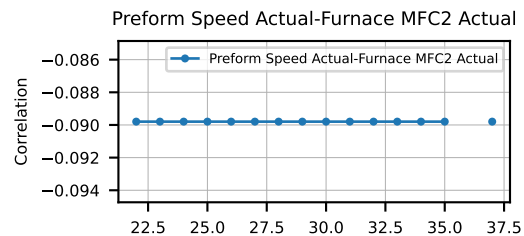
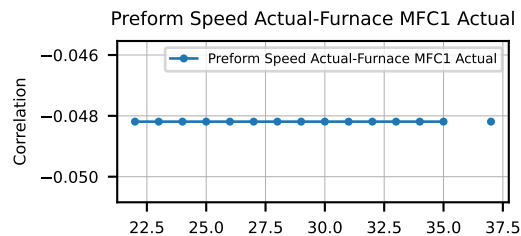
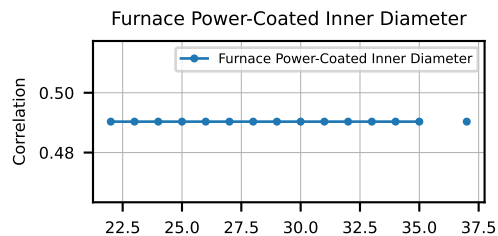
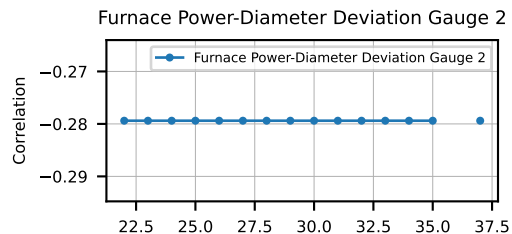
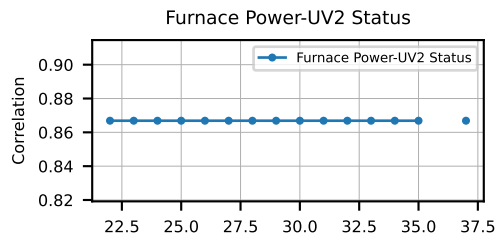
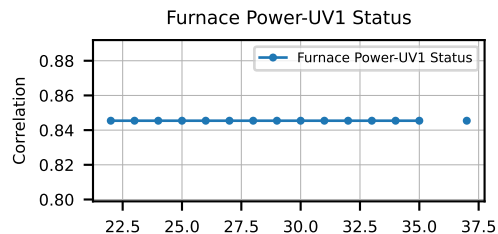
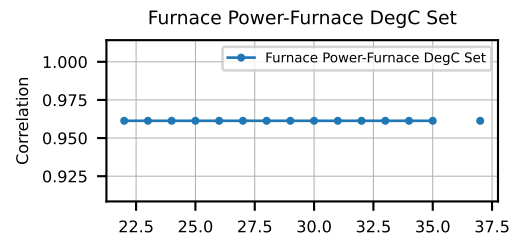
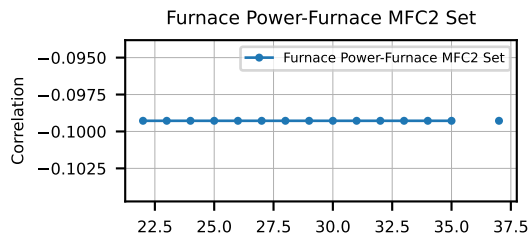
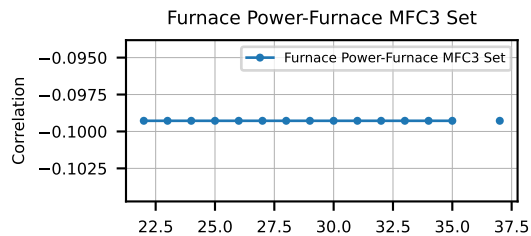
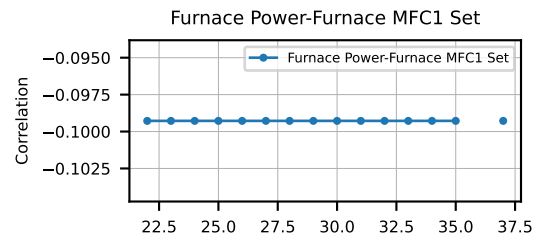
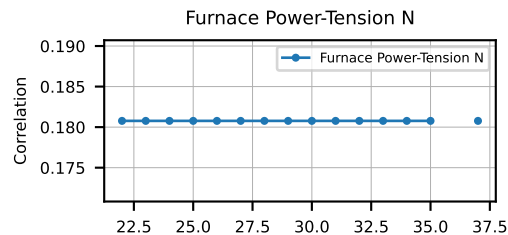
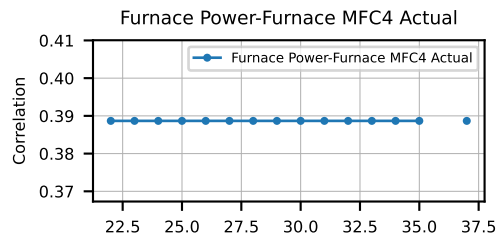


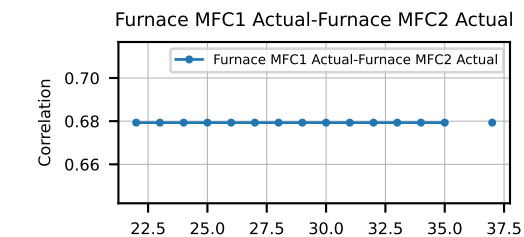
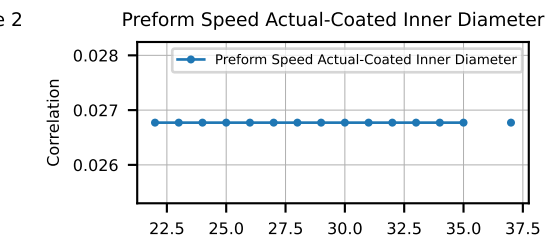
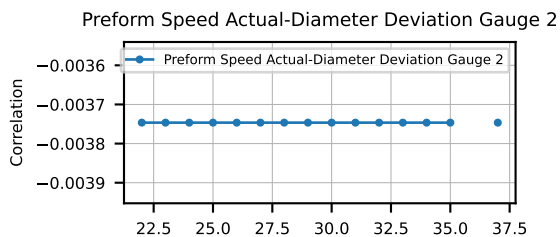
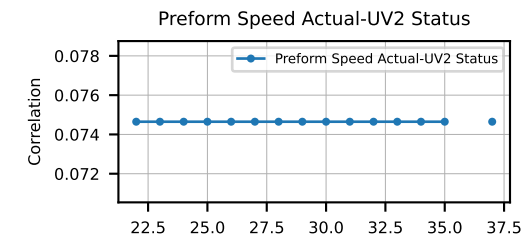
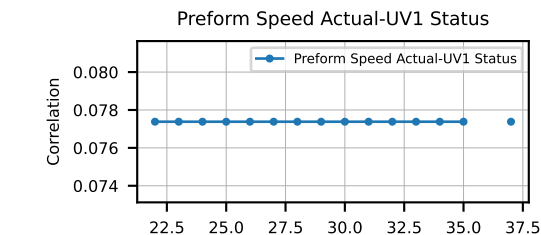
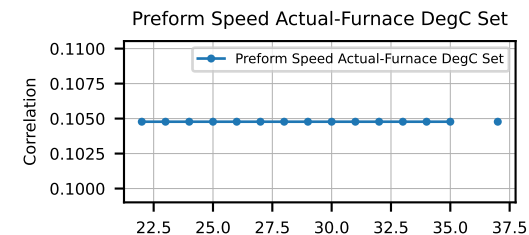
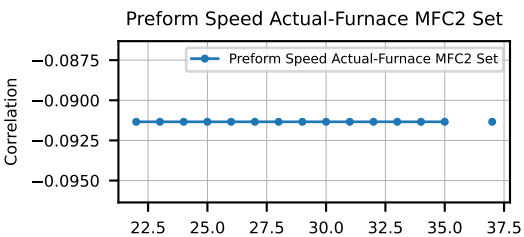
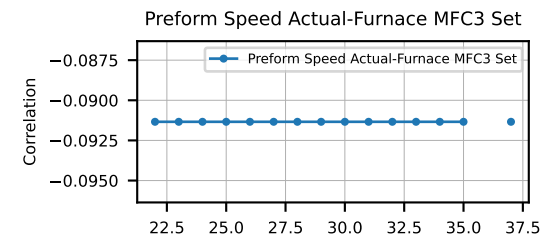
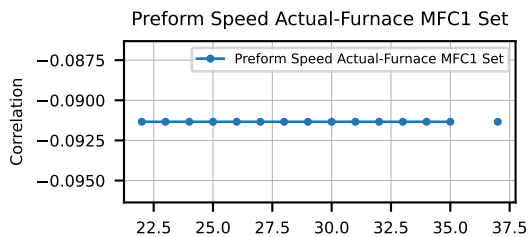
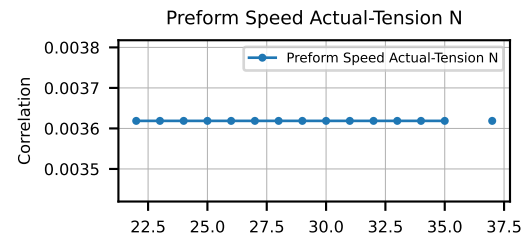
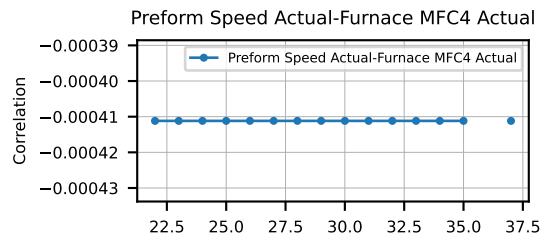
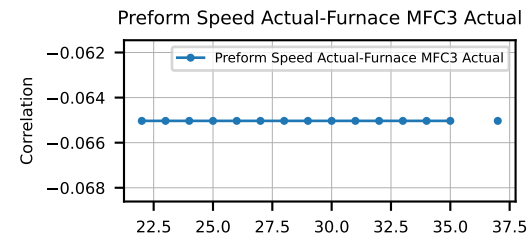


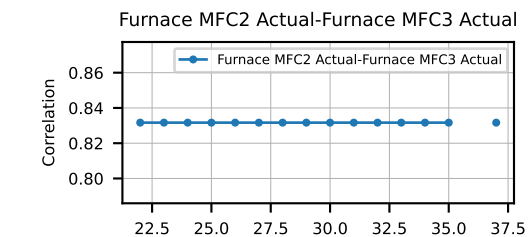
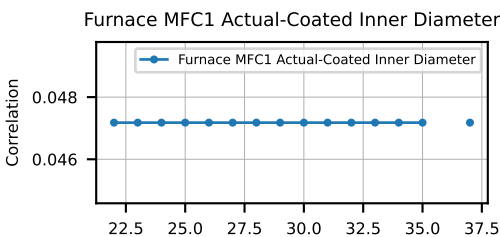
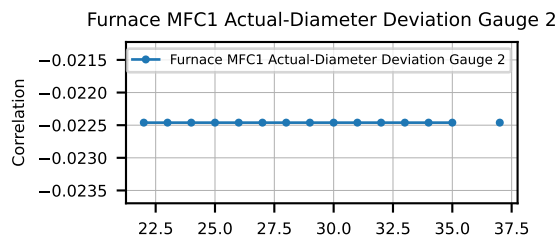
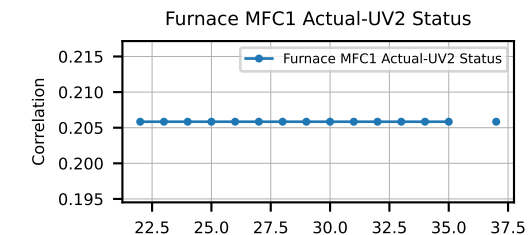
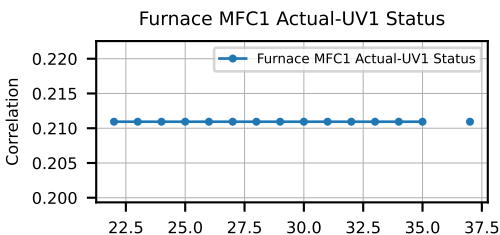
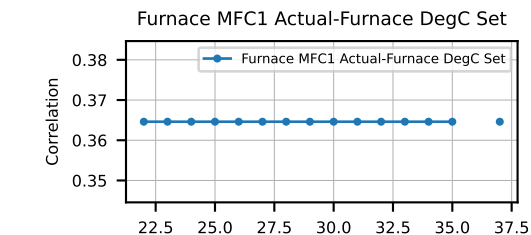
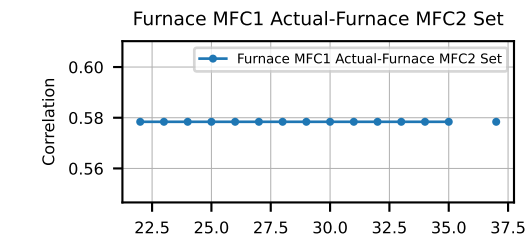
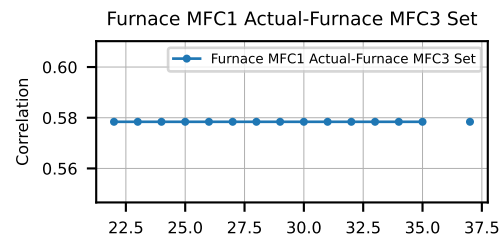
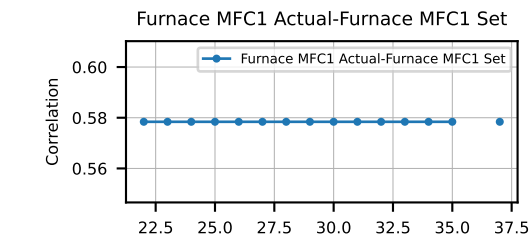
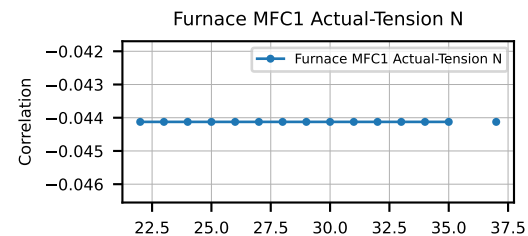
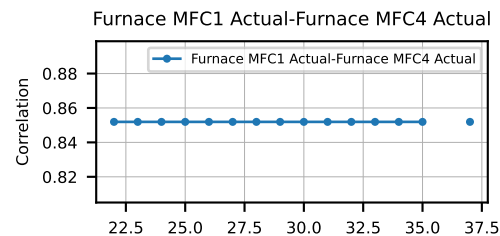
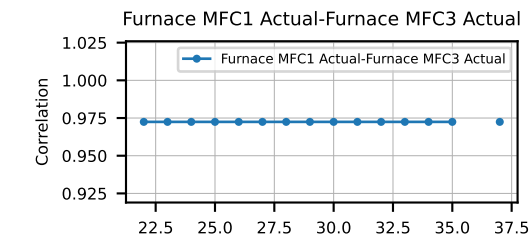


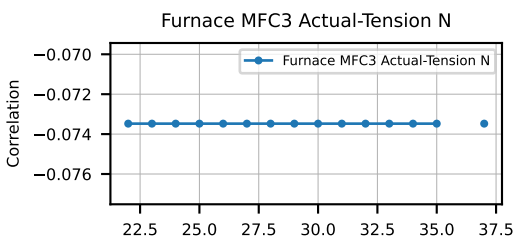
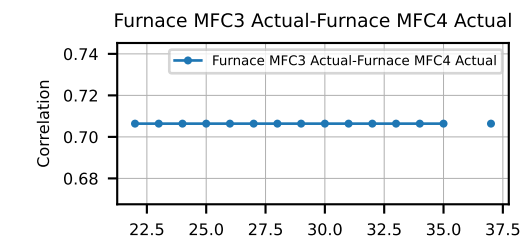
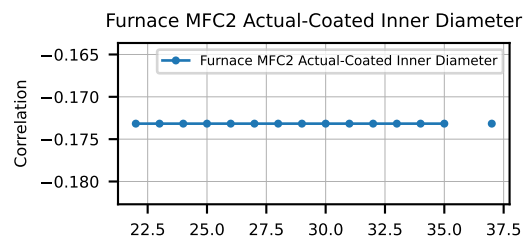
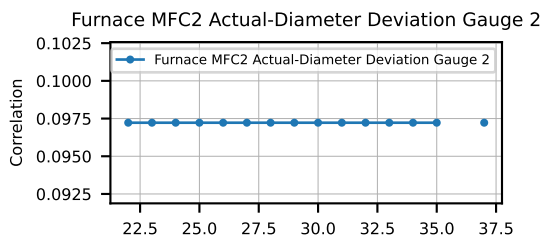
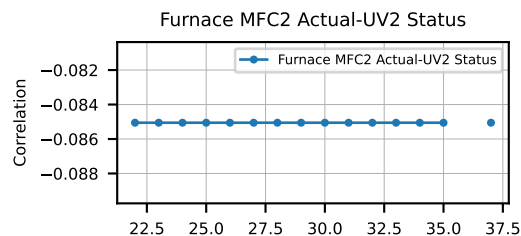
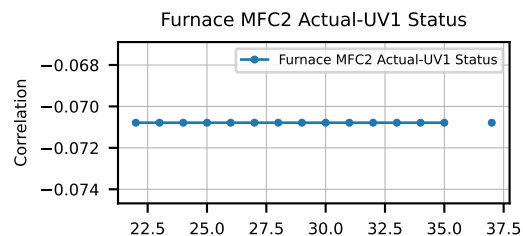
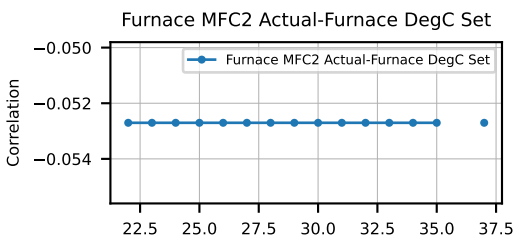
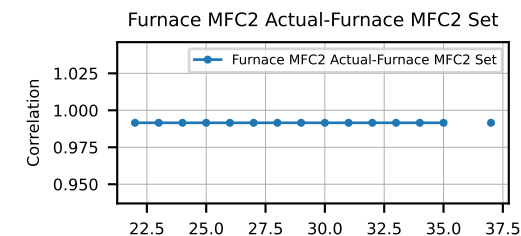
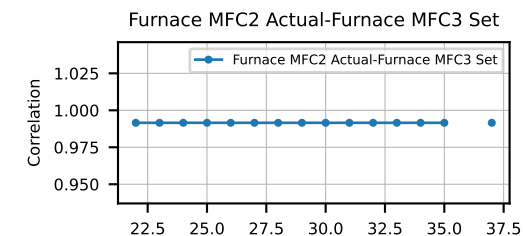
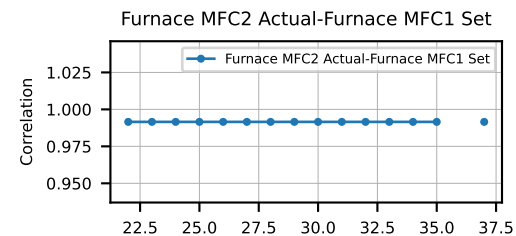
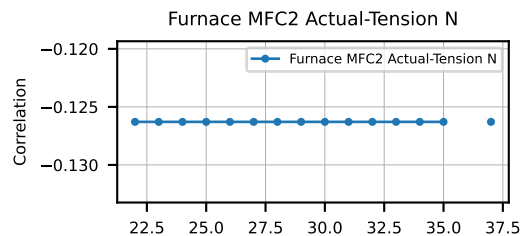
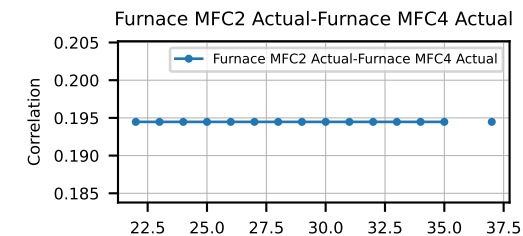


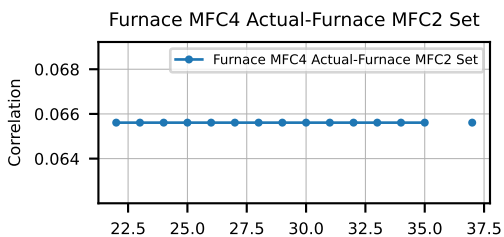
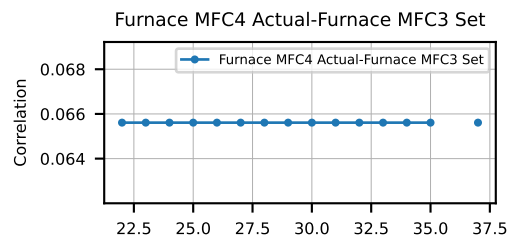
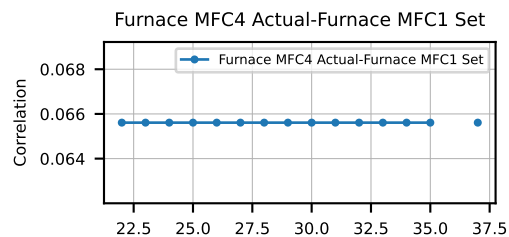
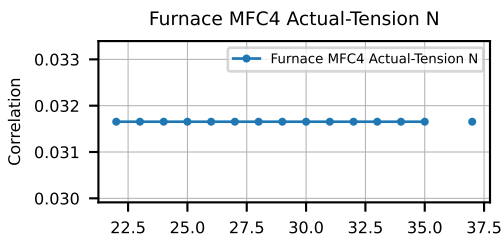
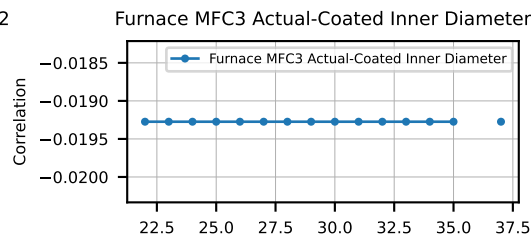
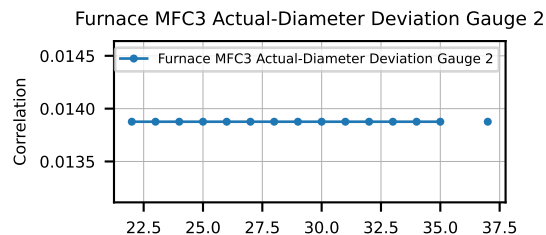
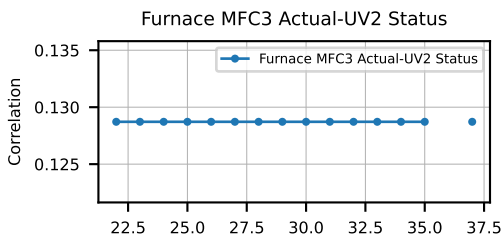
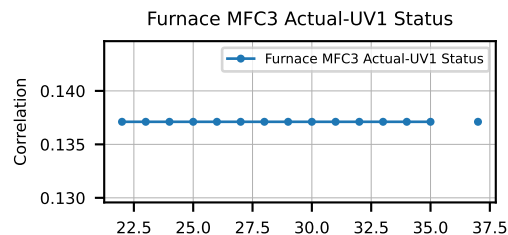
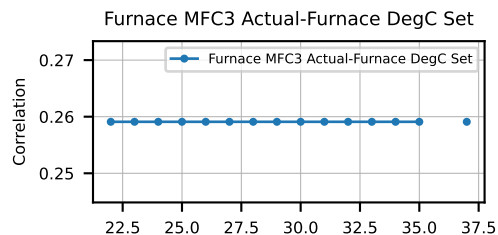
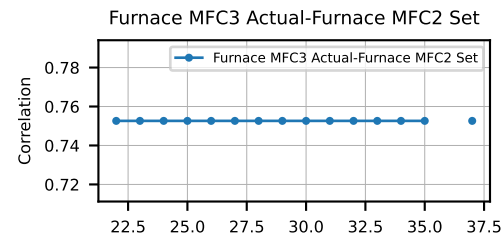
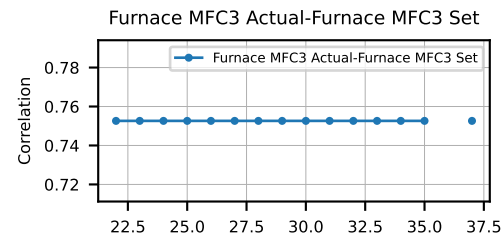
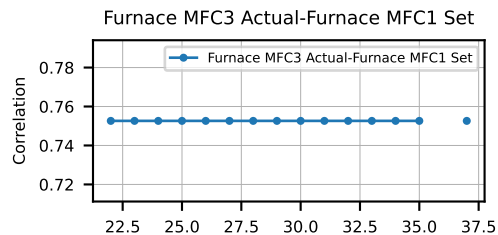




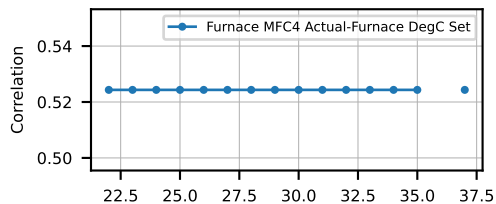




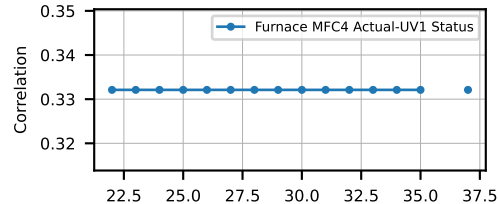




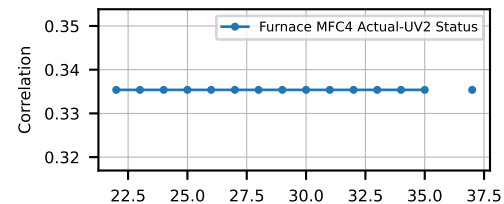
Furnace MFC4 Actual-Furnace DegC Set



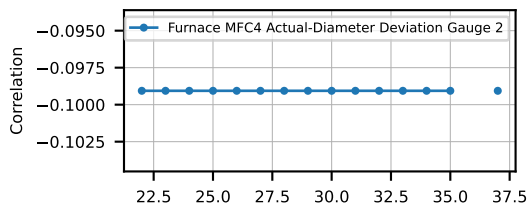
Furnace MFC4 Actual-UV1 Status



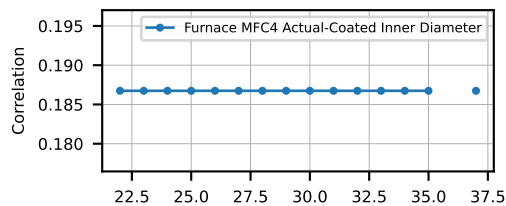
Furnace MFC4 Actual-UV2 Status



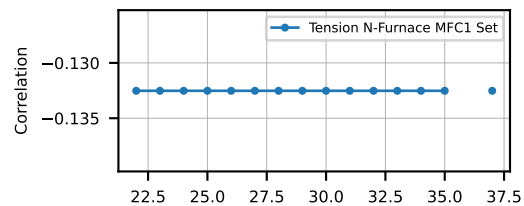
Furnace MFC4 Actual-Diameter Deviation Gauge 2



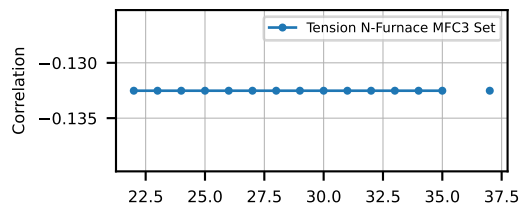
Furnace MFC4 Actual-Coated Inner Diameter



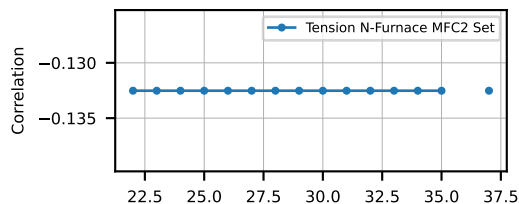
Tension N-Furnace MFC1 Set



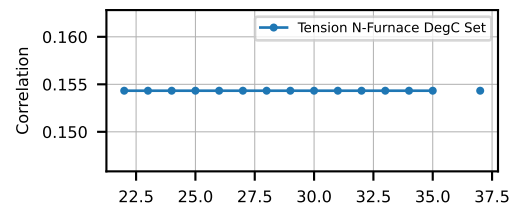
Tension N-Furnace MFC3 Set



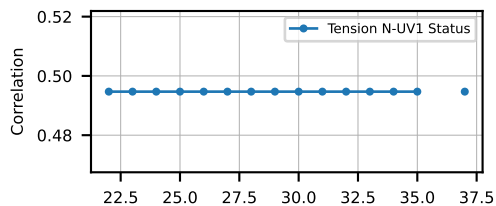
Tension N-Furnace MFC2 Set



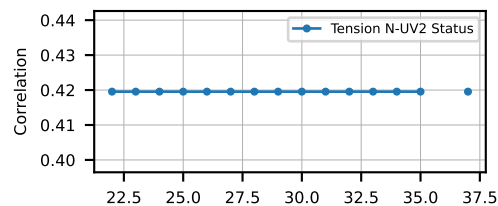
Tension N-Furnace DegC Set



Tension N-UV1 Status



Tension N-UV2 Status



Tension N-Diameter Deviation Gauge 2

