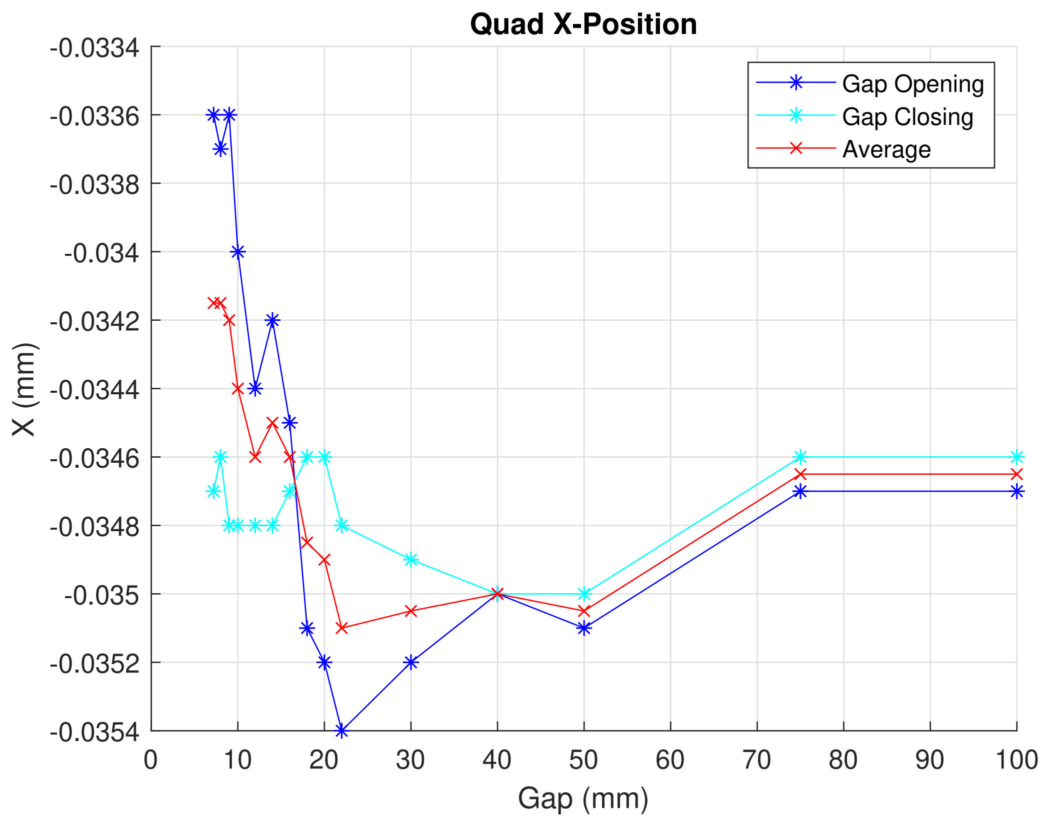
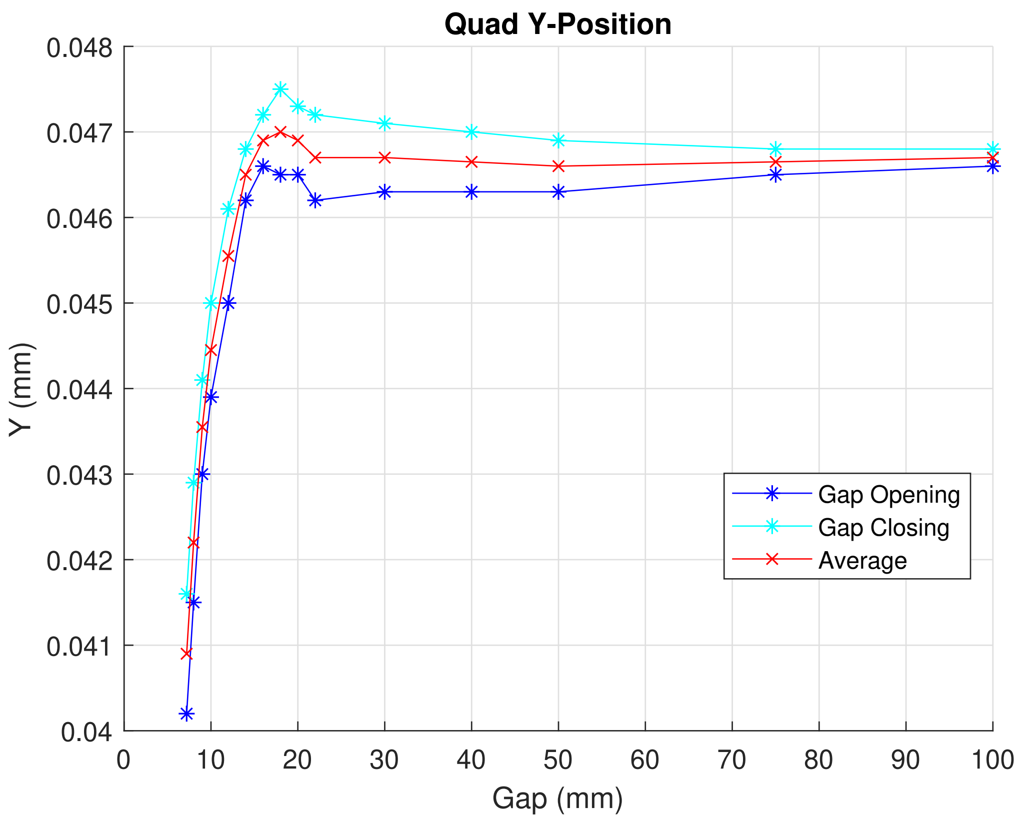
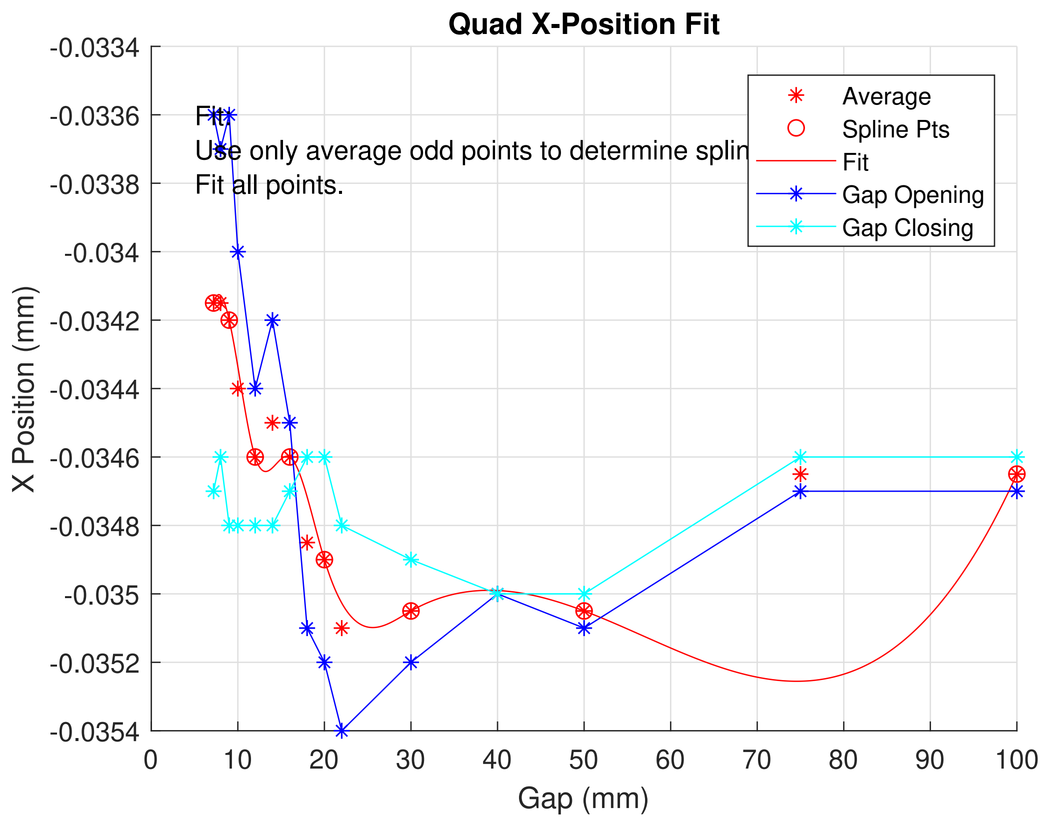
SLAC Magnetic Measurements#
Date: 06-26-2020#
Time: 16:33:31#

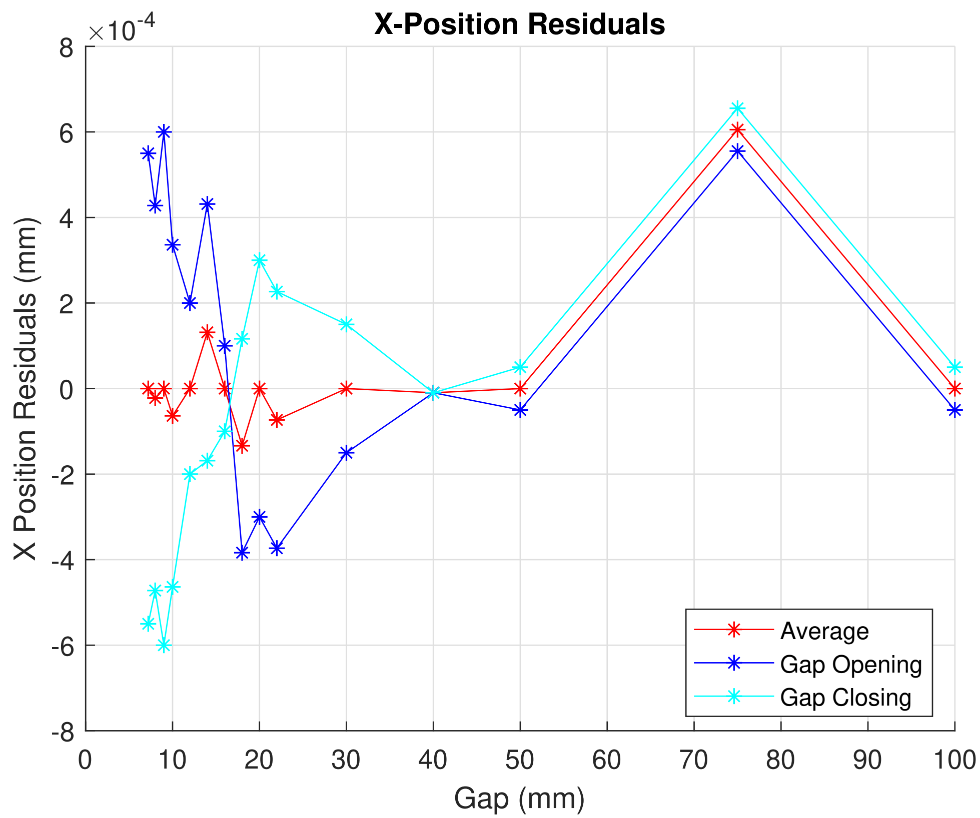


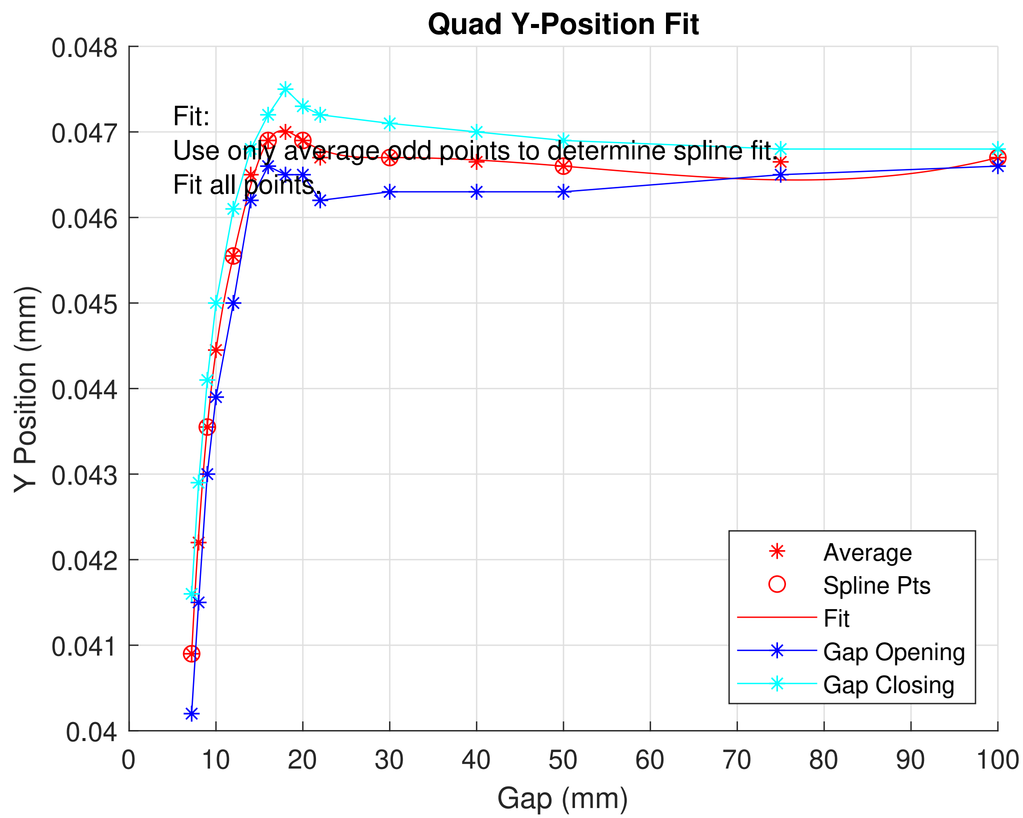
Quad X-Position
Gap Opening
Gap Closing
Average
X (mm)
Gap (mm)
-0.0334
-0.0336
-0.0338
-0.034
-0.0342
-0.0344
-0.0346
-0.0348
-0.035
-0.0352
-0.0354
0
10
20
30
40
50
60
70
80
90
100

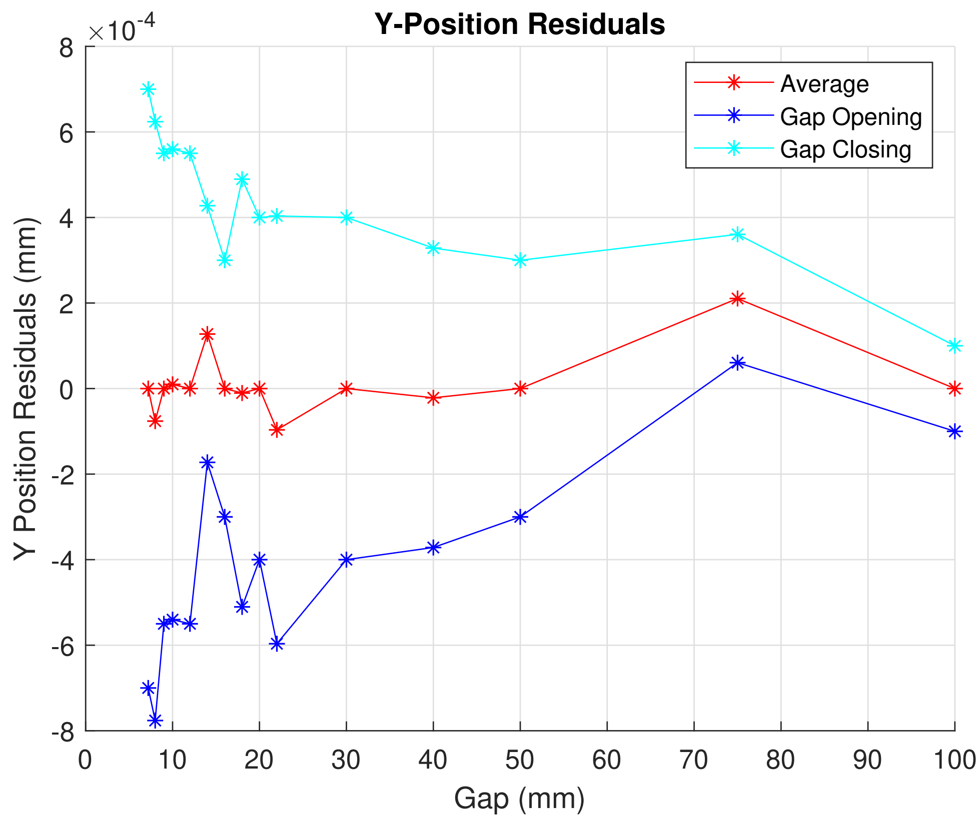

Quad Y-Position
Y (mm)
Gap (mm)
0.048
0.047
0.046
0.045
0.044
0.043
0.042
0.041
0.04
0
10
20
30
40
50
60
70
80
90
100
Gap Opening
Gap Closing
Average



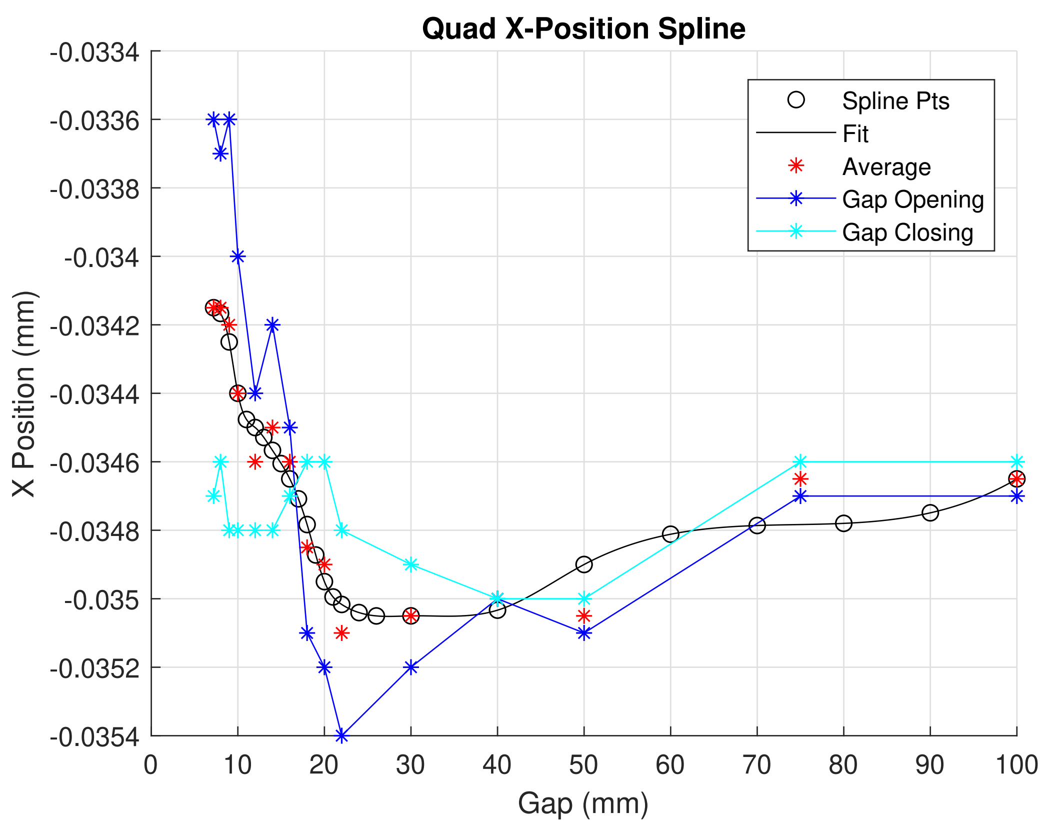
Quad X-Position Fit
Fit
Use only average odd points to determine splin
Fit all points.
Average
Spline Pts
Fit
Gap Opening
Gap Closing
-0.0334
-0.0336
-0.0338
-0.034
-0.0342
-0.0344
-0.0346
-0.0348
-0.035
-0.0352
-0.0354
X Position (mm)
0
10
20
30
40
50
60
70
80
90
100
Gap (mm)

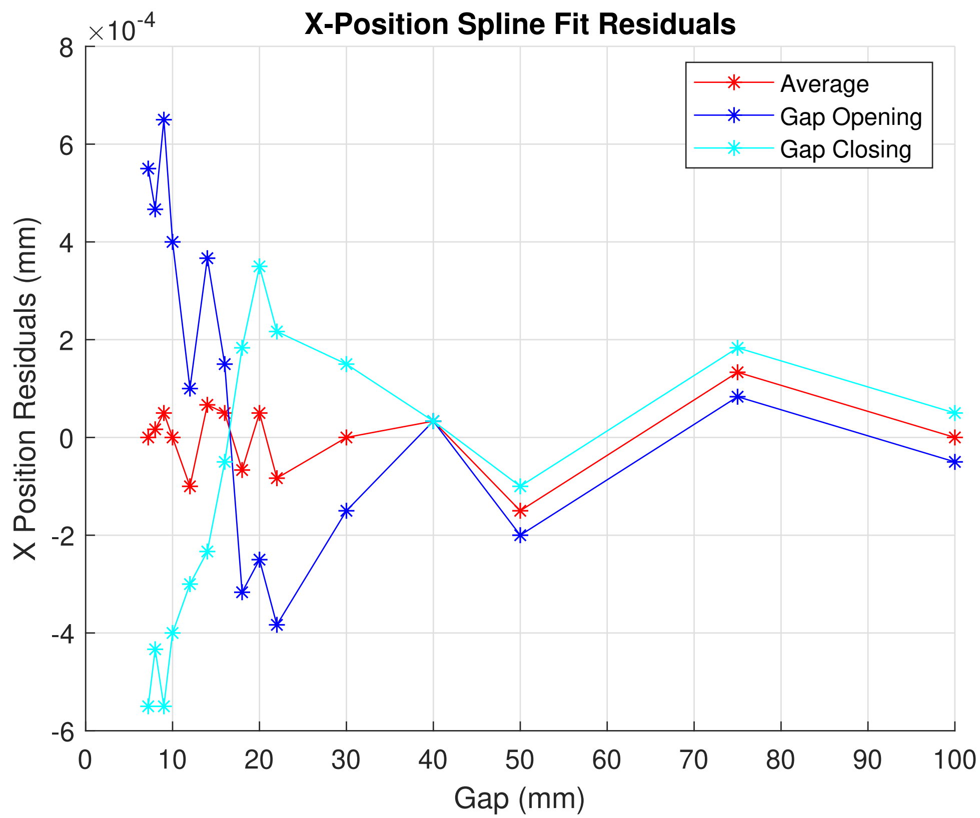

X-Position Residuals
×10^-4
8
6
4
2
0
-2
-4
-6
-8
X Position Residuals (mm)
0
10
20
30
40
50
60
70
80
90
100
Gap (mm)
Average
Gap Opening
Gap Closing


Quad Y-Position Fit
Fit:
Use only average odd points to determine spline fit.
Fit all points.
Y Position (mm)
Gap (mm)
0.048
0.047
0.046
0.045
0.044
0.043
0.042
0.041
0.04
0
10
20
30
40
50
60
70
80
90
100
Average
Spline Pts
Fit
Gap Opening
Gap Closing

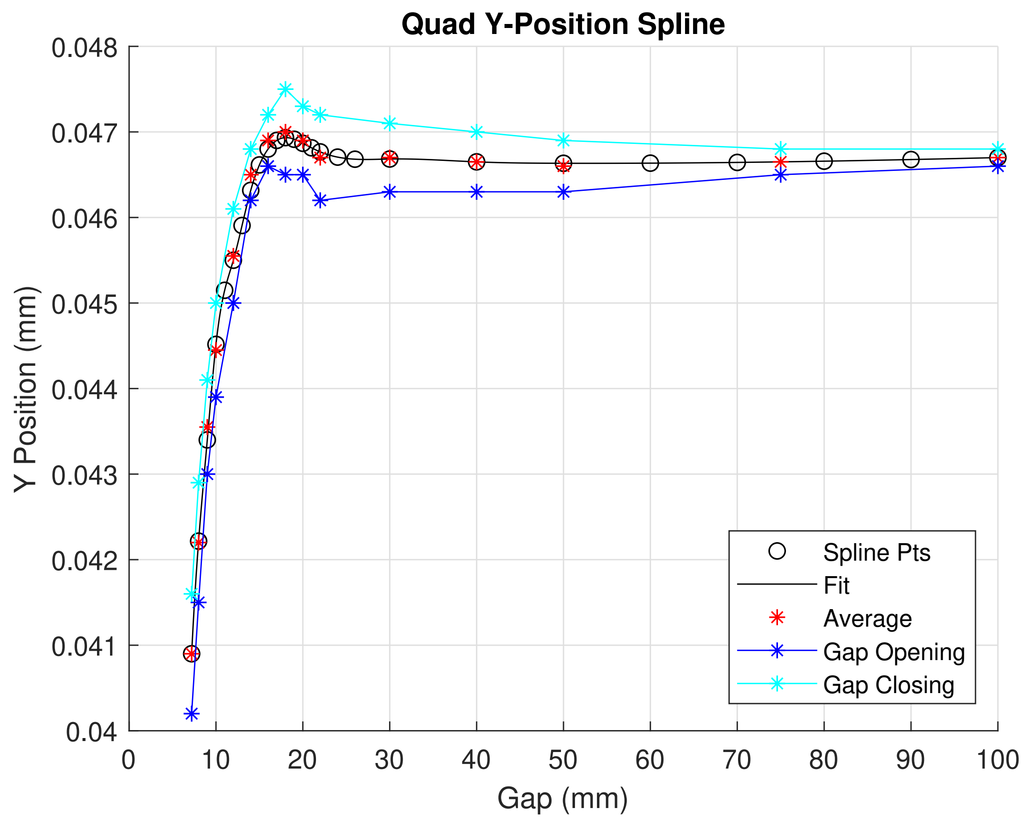


Y-Position Residuals
×10^-4
8
6
4
2
0
-2
-4
-6
-8
Y Position Residuals (mm)
0
10
20
30
40
50
60
70
80
90
100
Gap (mm)
Average
Gap Opening
Gap Closing

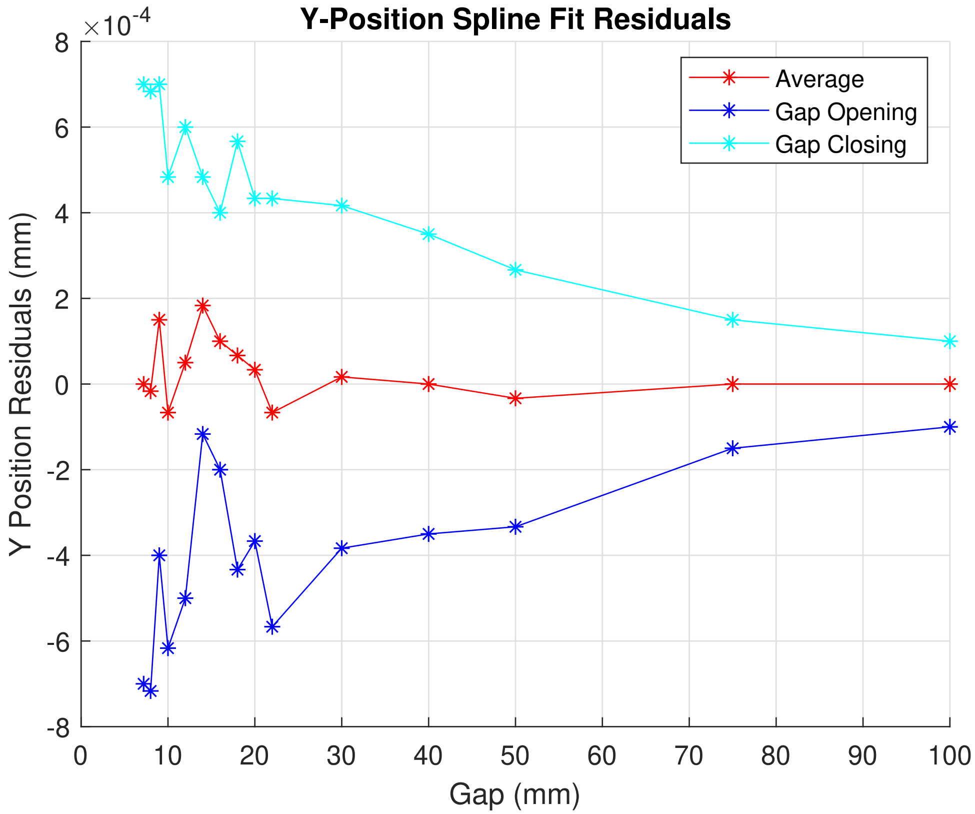

Quad X-Position Spline
X Position (mm)
Gap (mm)
Spline Pts
Fit
Average
Gap Opening
Gap Closing
-0.0334
-0.0336
-0.0338
-0.034
-0.0342
-0.0344
-0.0346
-0.0348
-0.035
-0.0352
-0.0354
0
10
20
30
40
50
60
70
80
90
100



X-Position Spline Fit Residuals
×10-4
8
6
4
2
0
-2
-4
-6
0
10
20
30
40
50
60
70
80
90
100
Gap (mm)
X Position Residuals (mm)
Average
Gap Opening
Gap Closing



Quad Y-Position Spline
Y Position (mm)
Gap (mm)
0.048
0.047
0.046
0.045
0.044
0.043
0.042
0.041
0.04
0
10
20
30
40
50
60
70
80
90
100
Spline Pts
Fit
Average
Gap Opening
Gap Closing


Y-Position Spline Fit Residuals
×10^-4
8
6
4
2
0
-2
-4
-6
-8
Y Position Residuals (mm)
0
10
20
30
40
50
60
70
80
90
100
Gap (mm)
Average
Gap Opening
Gap Closing