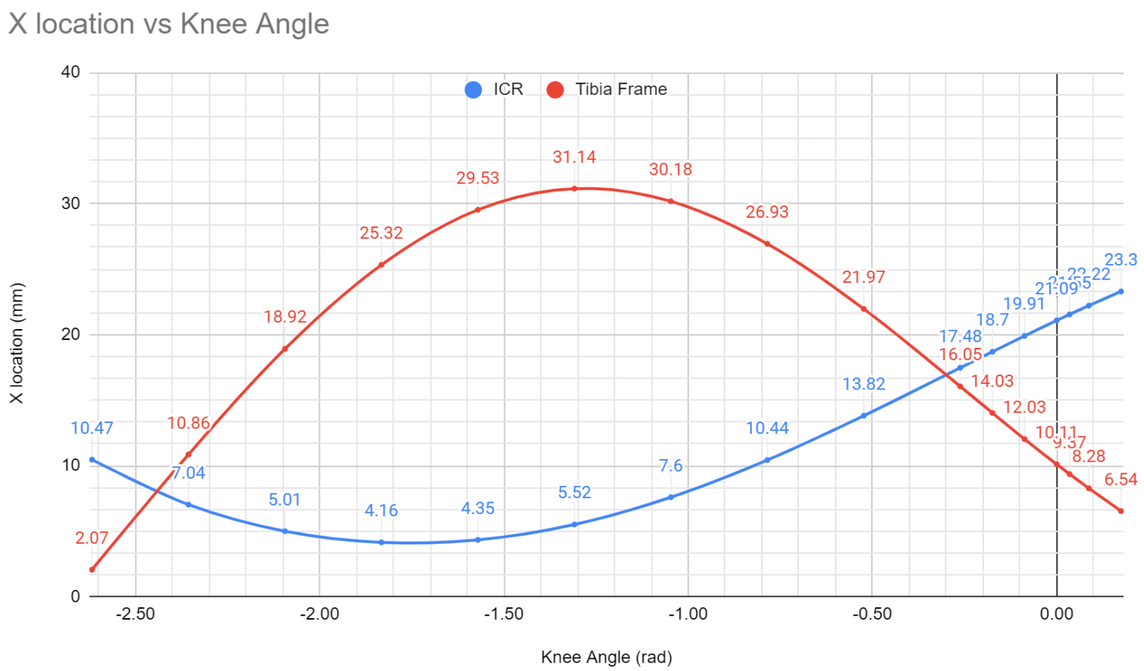
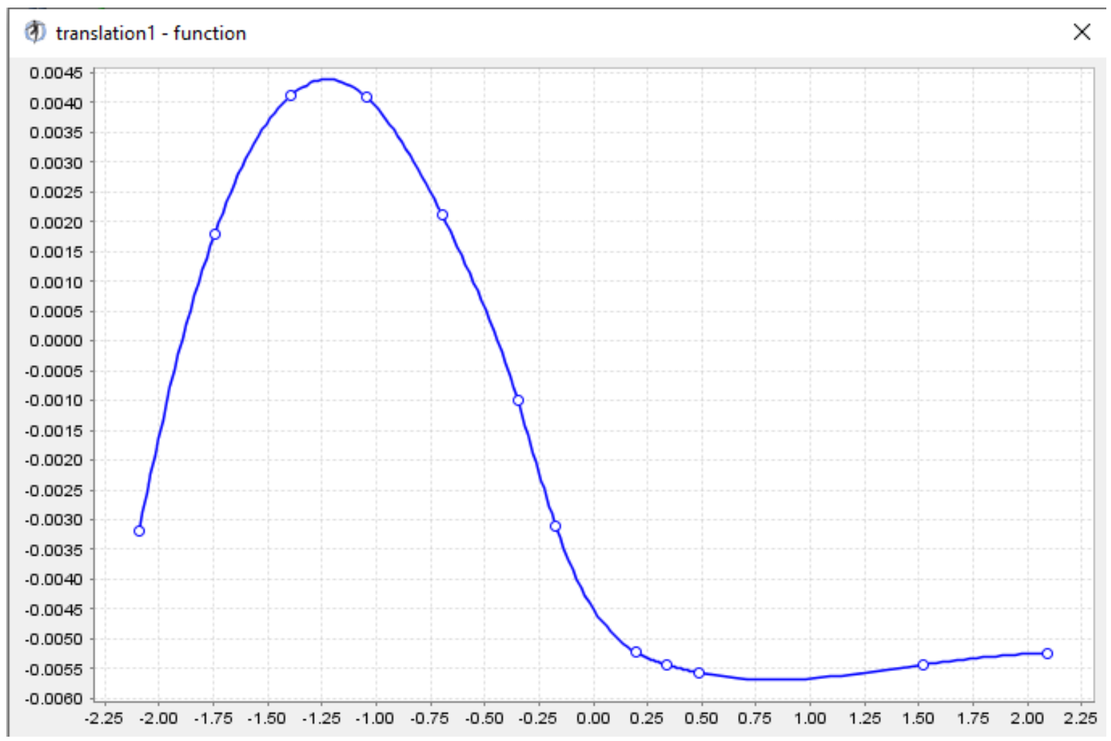
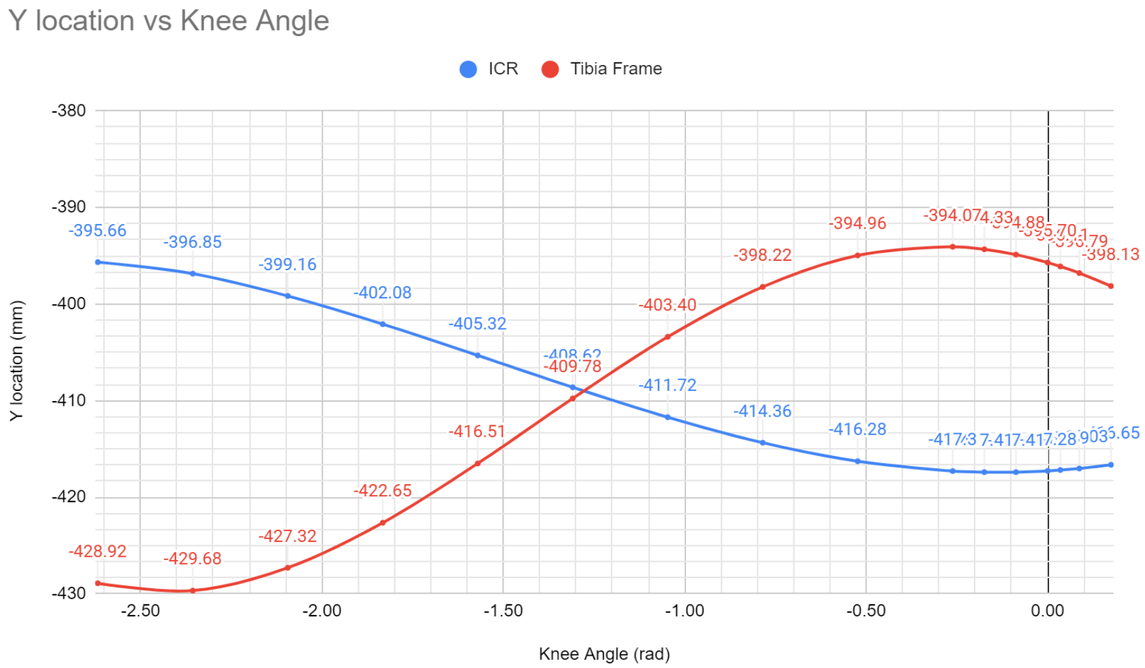
A


X location vs Knee Angle
ICR
Tibia Frame
X location (mm)
Knee Angle (rad)
40
30
20
10
0
-2.50
-2.00
-1.50
-1.00
-0.50
0.00
10.47
10.86
7.04
5.01
4.16
4.35
5.52
7.6
10.44
13.82
16.05
17.48
18.7
19.91
21.09
22.22
23.3
2.07
18.92
25.32
29.53
31.14
30.18
26.93
21.97
14.03
12.03
10.11
9.37
8.28
6.54

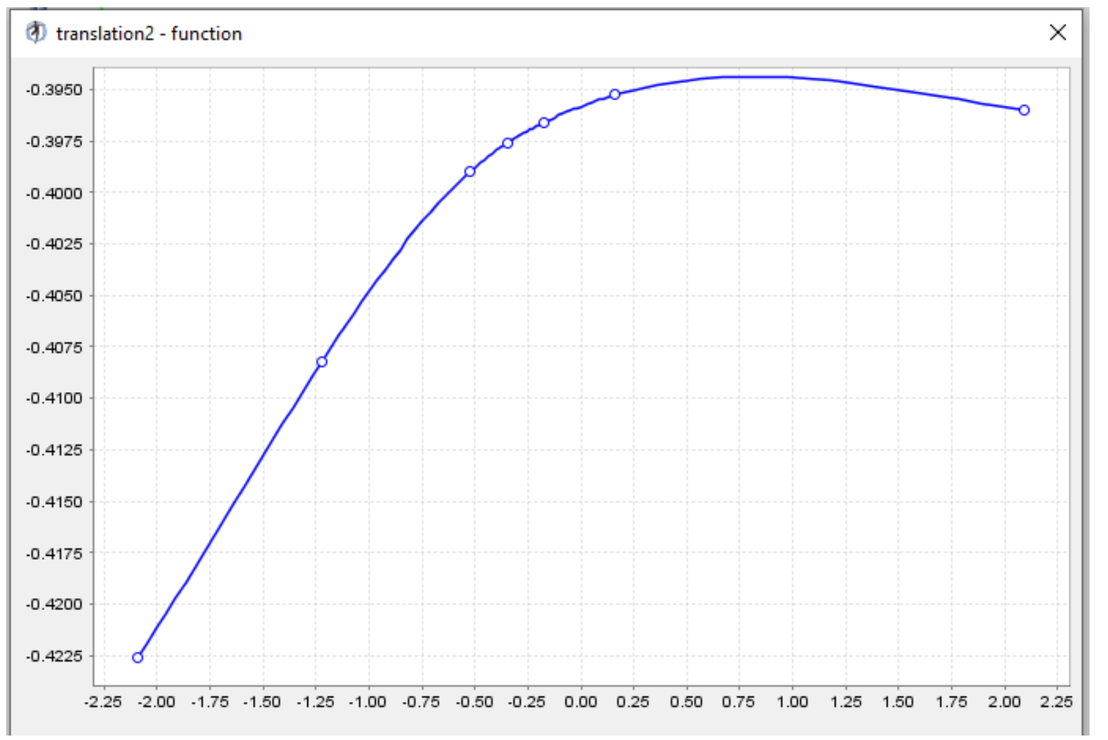
B


translation1 - function
0.0045
0.0040
0.0035
0.0030
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000
-0.0005
-0.0010
-0.0015
-0.0020
-0.0025
-0.0030
-0.0035
-0.0040
-0.0045
-0.0050
-0.0055
-0.0060
-2.25
-2.00
-1.75
-1.50
-1.25
-1.00
-0.75
-0.50
-0.25
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
2.25

C


Y location vs Knee Angle
ICR
Tibia Frame
Y location (mm)
Knee Angle (rad)
-380
-390
-400
-410
-420
-430
-2.50
-2.00
-1.50
-1.00
-0.50
0.00
-395.66
-396.85
-399.16
-402.08
-405.32
-408.62
-411.72
-414.36
-416.28
-417.37
-417.28
-428.92
-429.68
-427.32
-422.65
-416.51
-409.78
-403.40
-398.22
-394.96
-394.07
-398.13

D


translation2 - function
-0.3950
-0.3975
-0.4000
-0.4025
-0.4050
-0.4075
-0.4100
-0.4125
-0.4150
-0.4175
-0.4200
-0.4225
-2.25
-2.00
-1.75
-1.50
-1.25
-1.00
-0.75
-0.50
-0.25
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
2.25