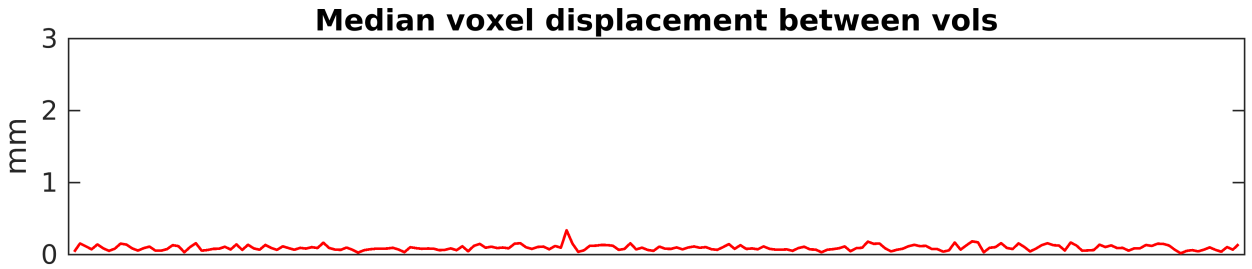
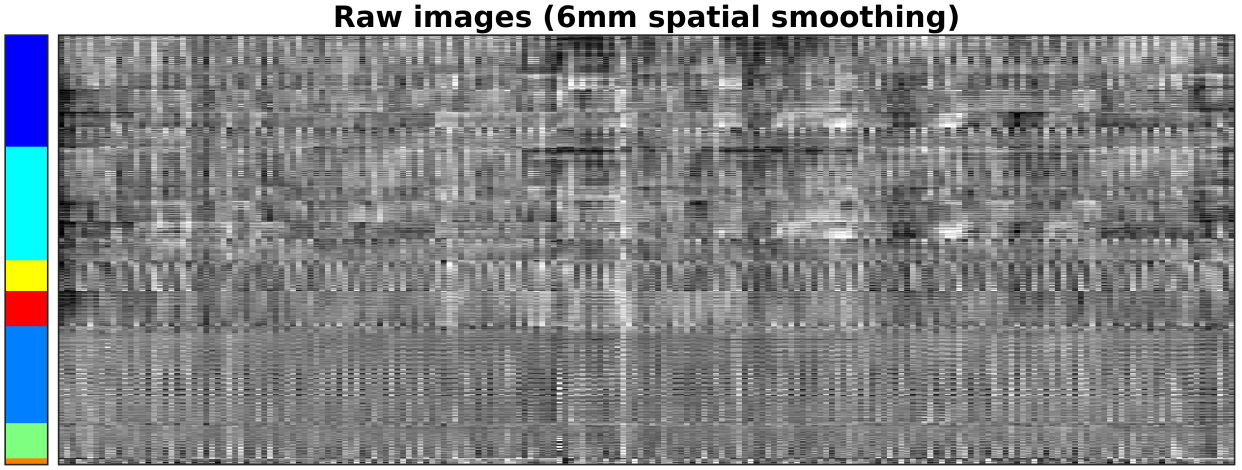
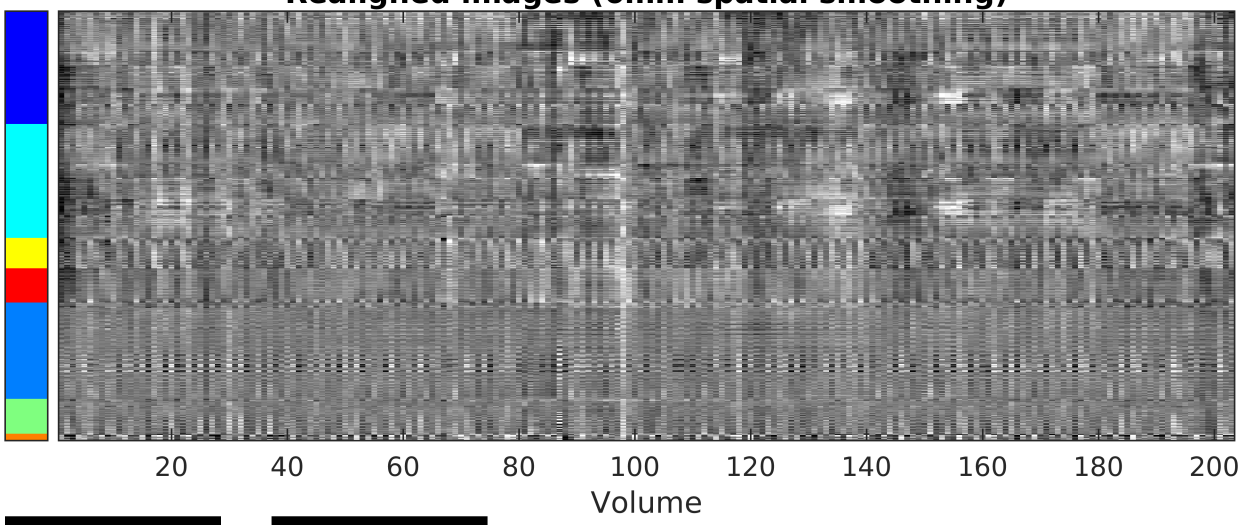
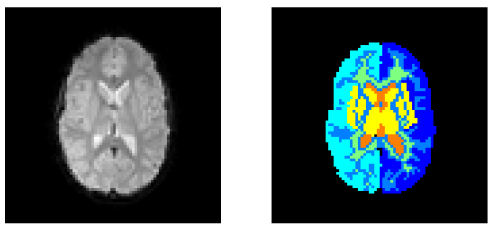
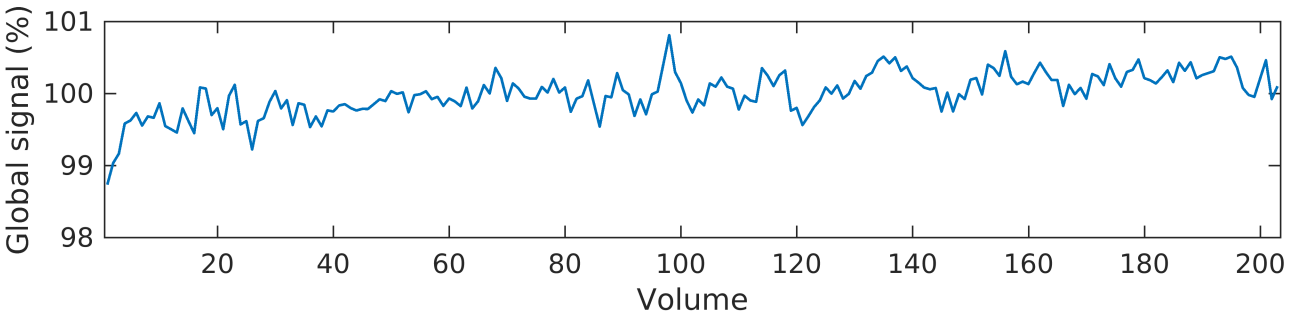


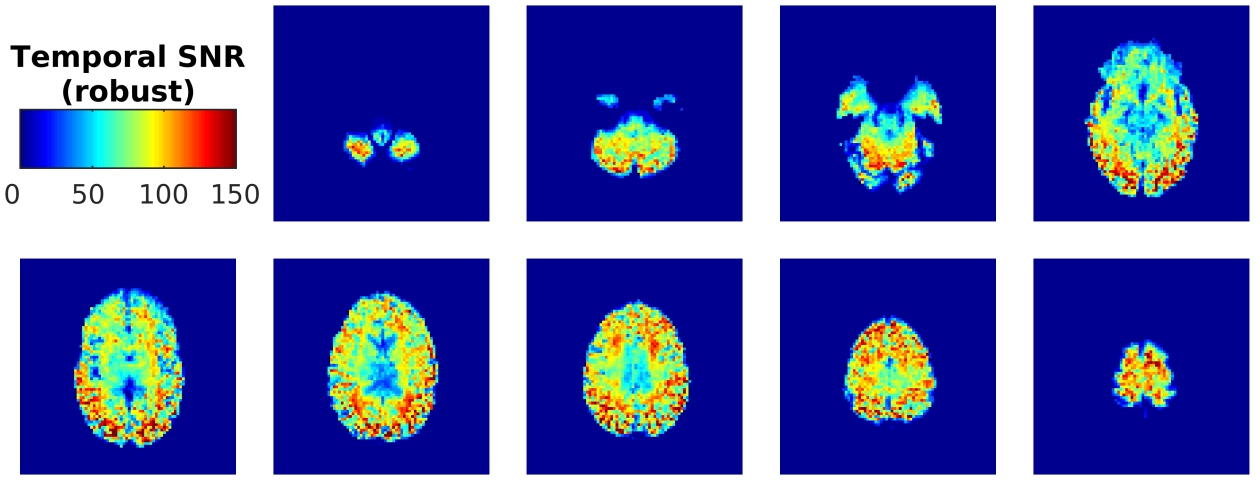


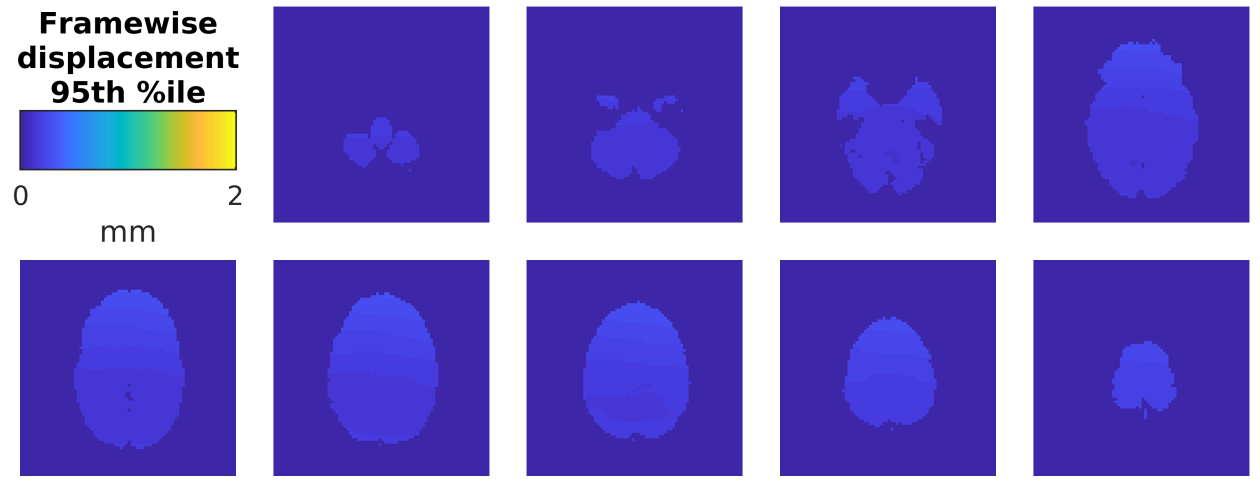




Pipeline author: Baxter P. Rogers, baxter.rogers@vanderbilt.edu


Global signal (%)
101
100
99
98
20
40
60
80
100
120
140
160
180
200
Volume


Temporal SNR
(robust)
0
50
100
150


Framewise
displacement
95th %ile
0
2
mm

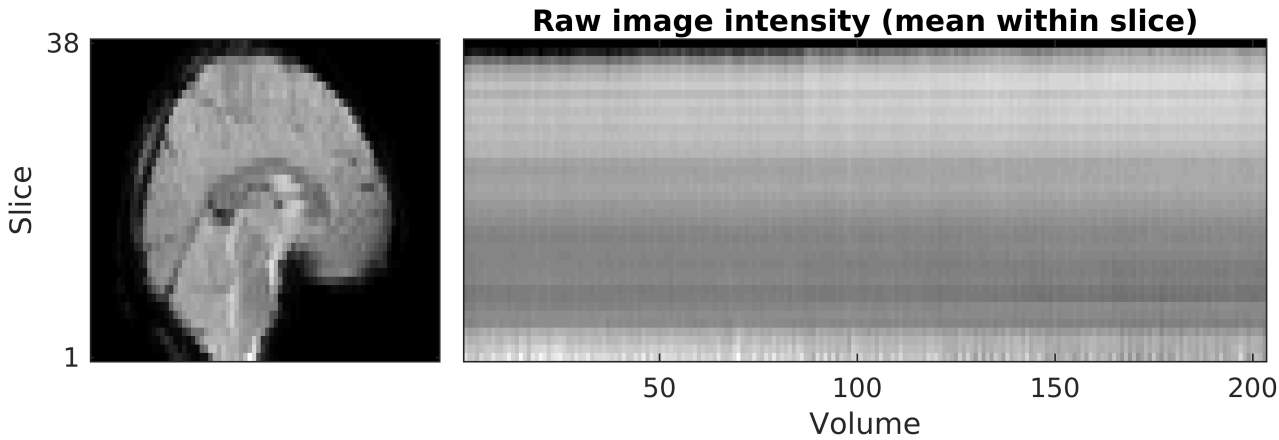
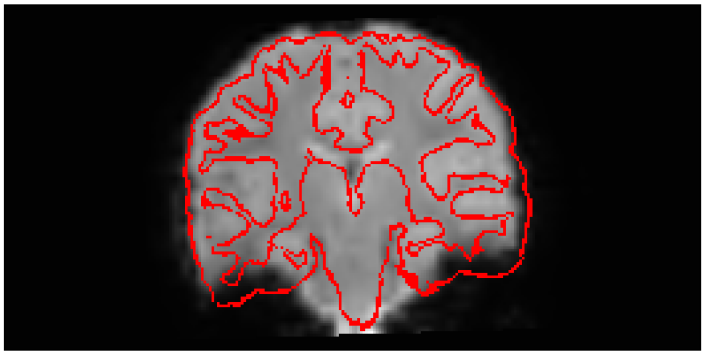
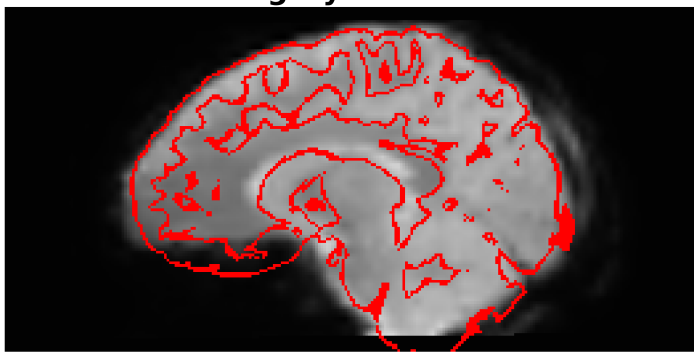
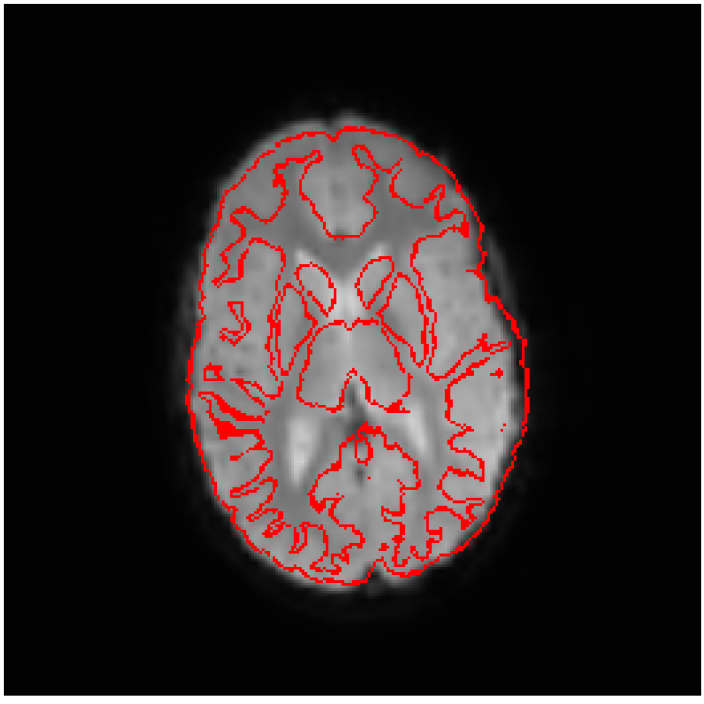

Raw image intensity (mean within slice)
38
1
Slice
50
100
150
200
Volume

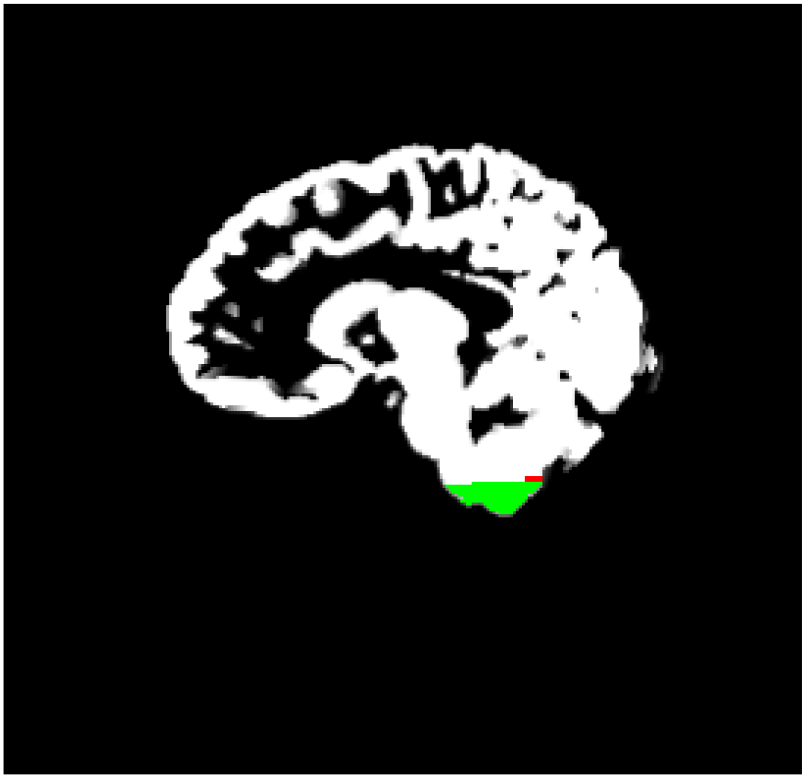
Image = mean fMRI
Red = T1 gray matter outline

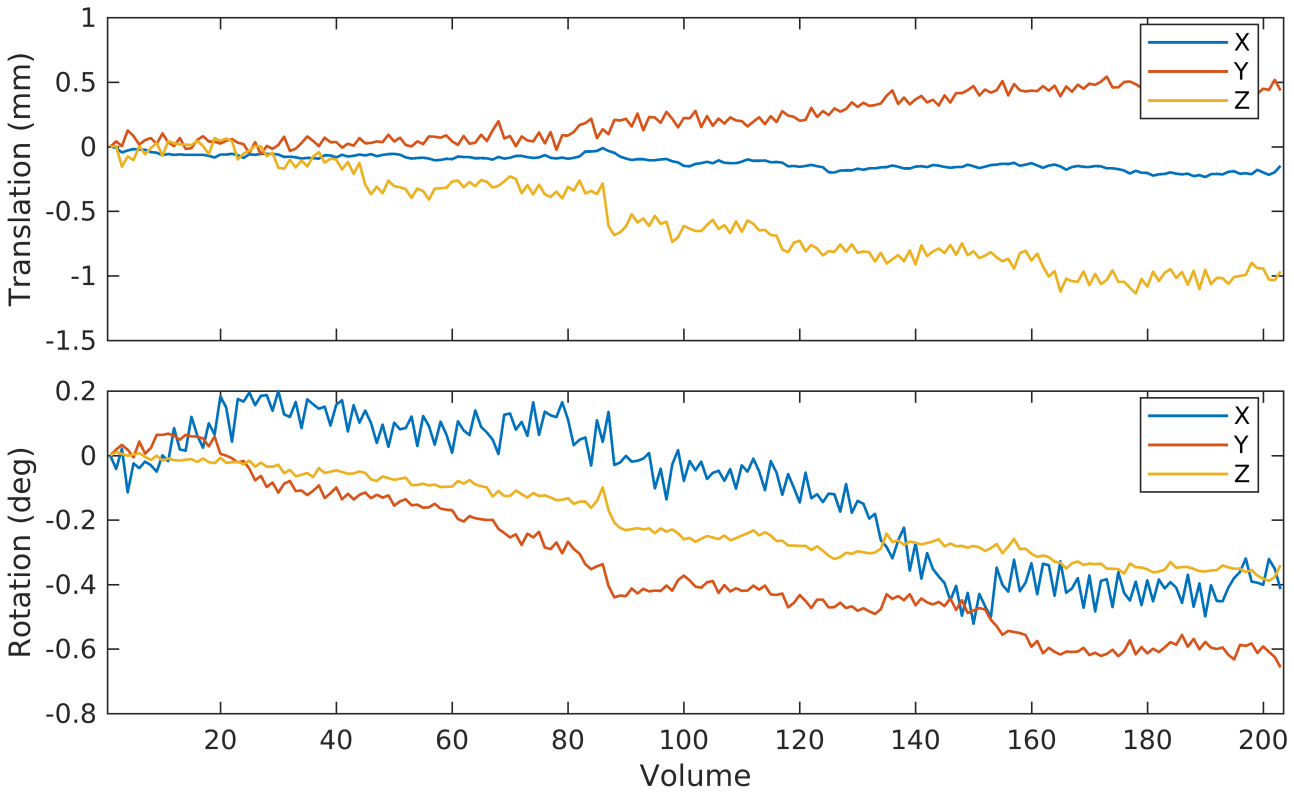




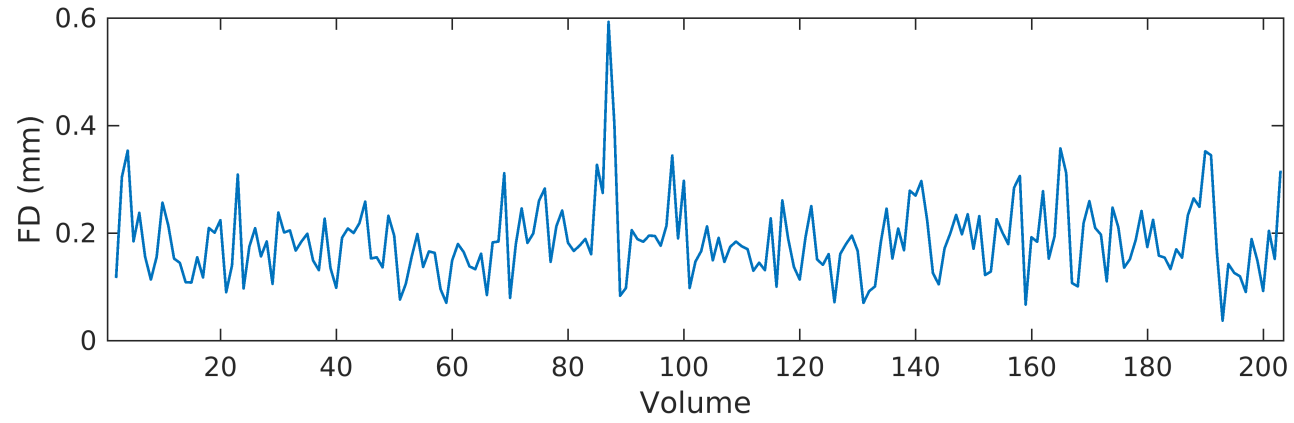


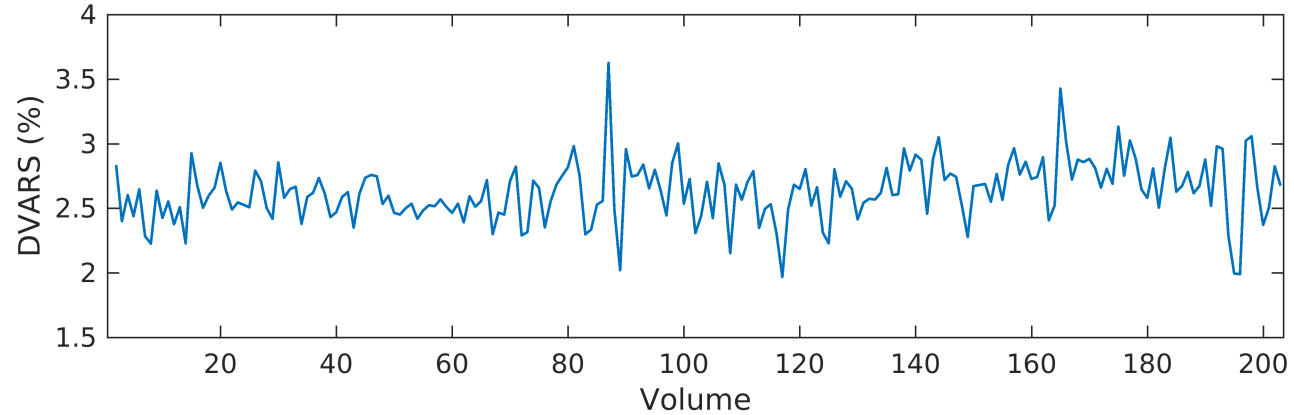
Green = lack of coverage
Red = lost due to movement




Translation (mm)
1
0.5
0
-0.5
-1
-1.5
X
Y
Z

Rotation (deg)
0.2
0
-0.2
-0.4
-0.6
-0.8
X
Y
Z
20
40
60
80
100
120
140
160
180
200
Volume


FD (mm)
0.6
0.4
0.2
0
20
40
60
80
100
120
140
160
180
200
Volume


DVARS (%)
4
3.5
3
2.5
2
1.5
20
40
60
80
100
120
140
160
180
200
Volume