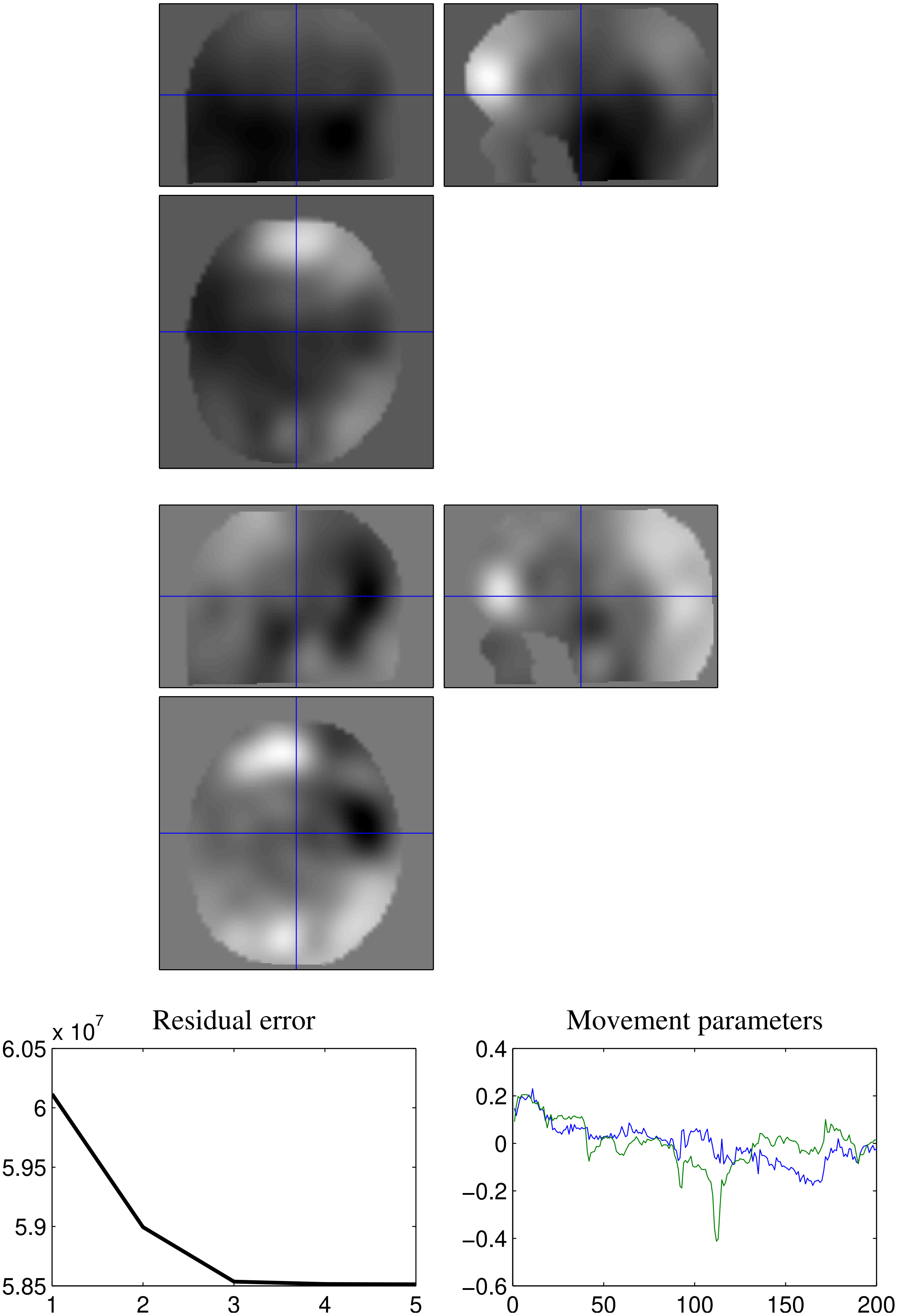
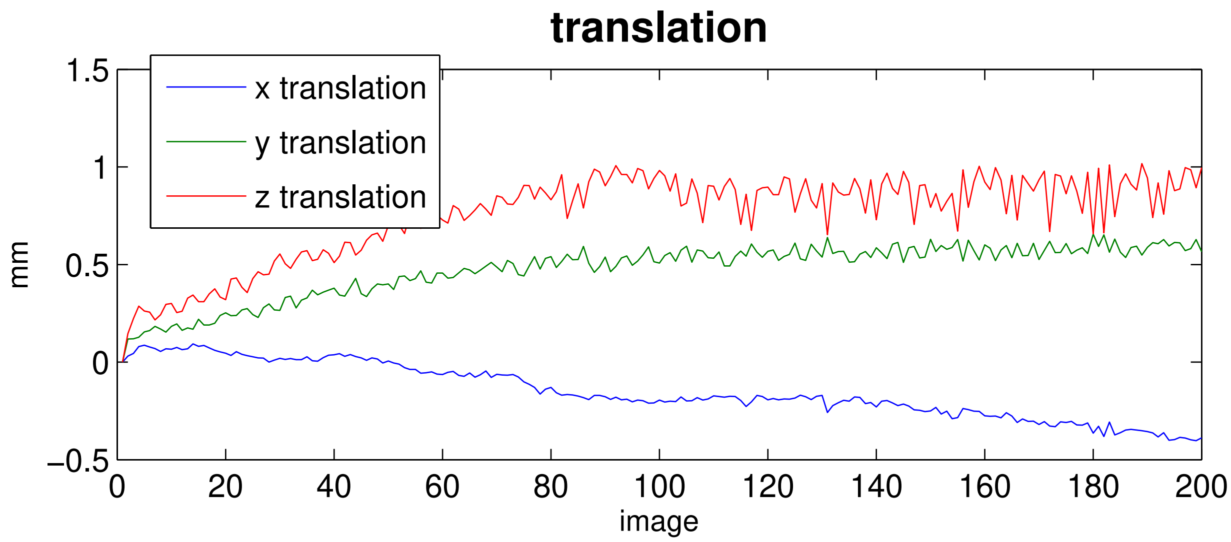
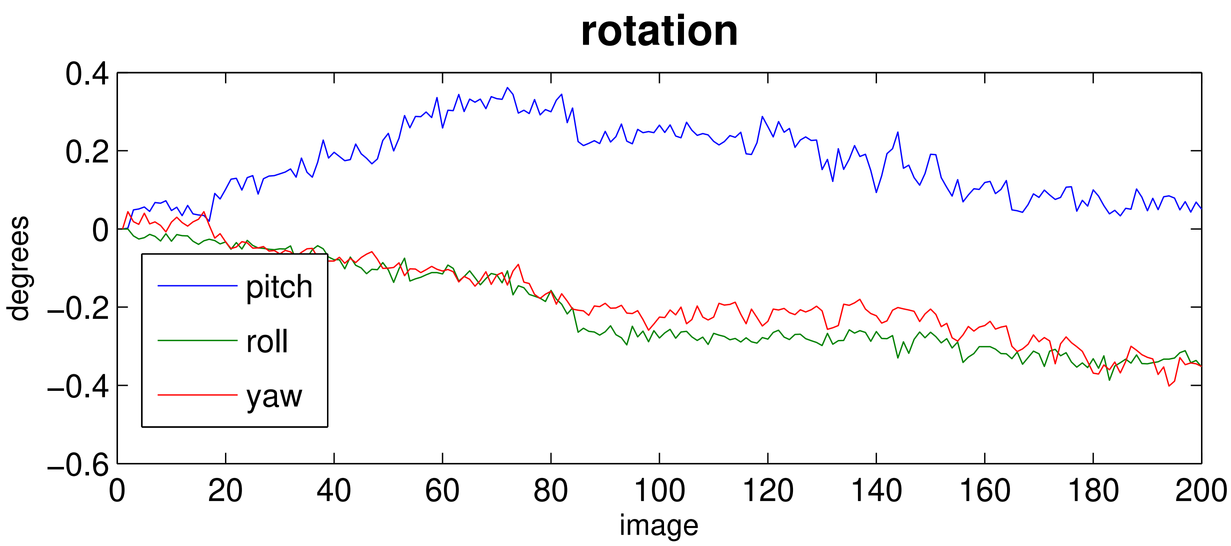
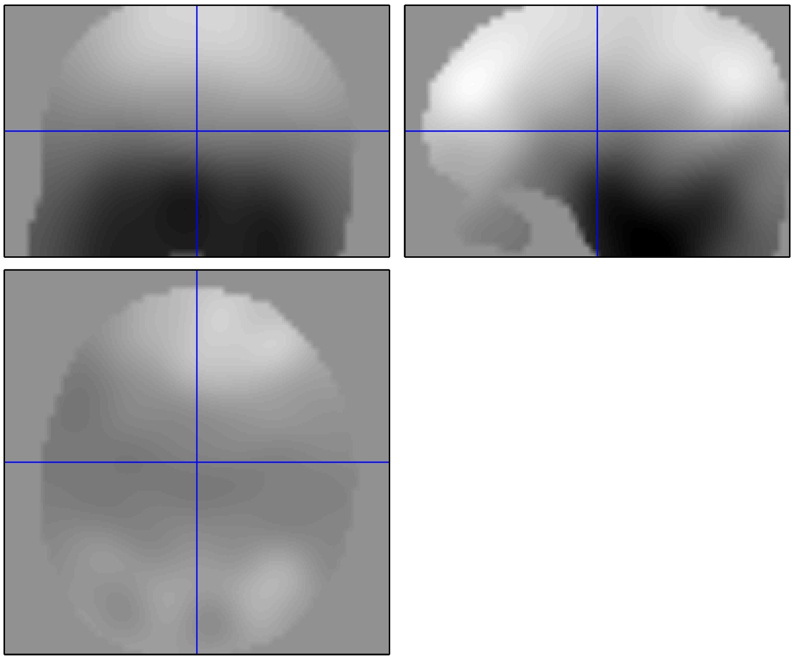

Residual error
x 10^7
6.05
6
5.95
5.9
5.85
1
2
3
4
5
Movement parameters
0.4
0.2
0
−0.2
−0.4
−0.6
0
50
100
150
200

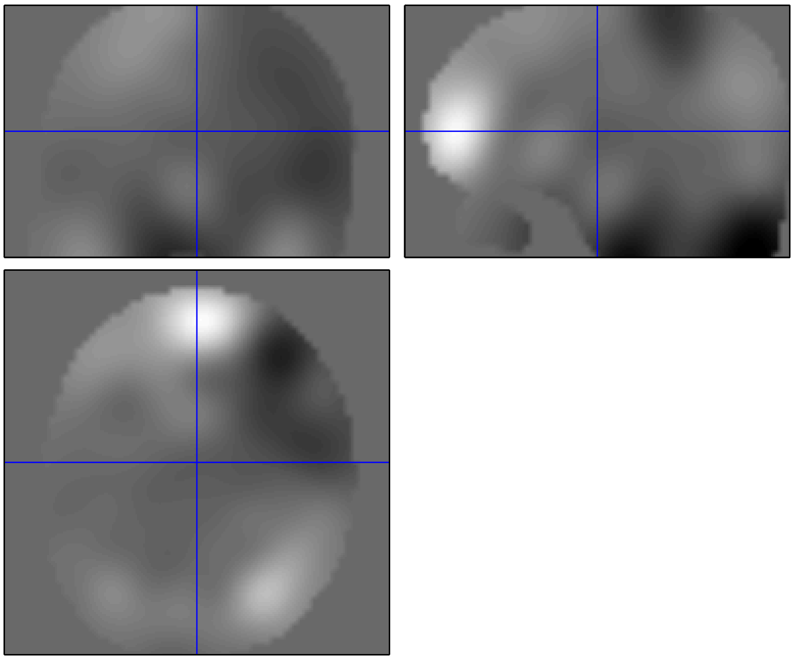
Image realignment

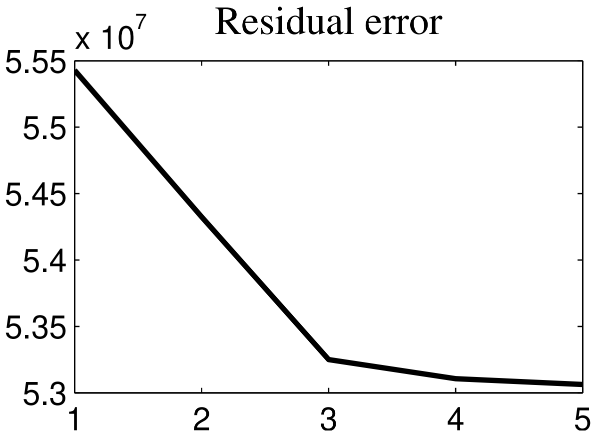
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/128_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/128_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/128_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/128_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/128_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/128_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/128_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/128_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/128_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/128_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/128_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/128_Brai
.... etc










Residual error
x 10^7
5.55
5.5
5.45
5.4
5.35
5.3
1
2
3
4
5

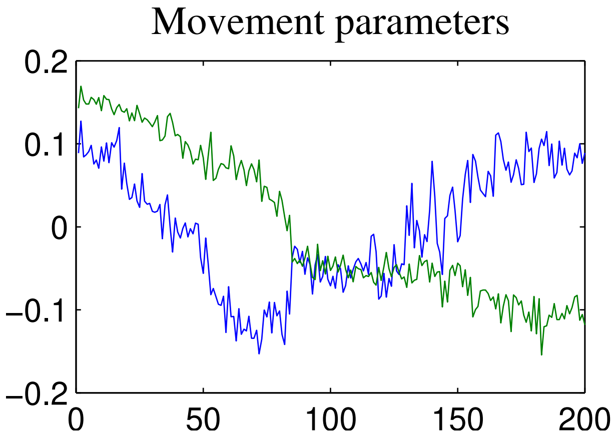
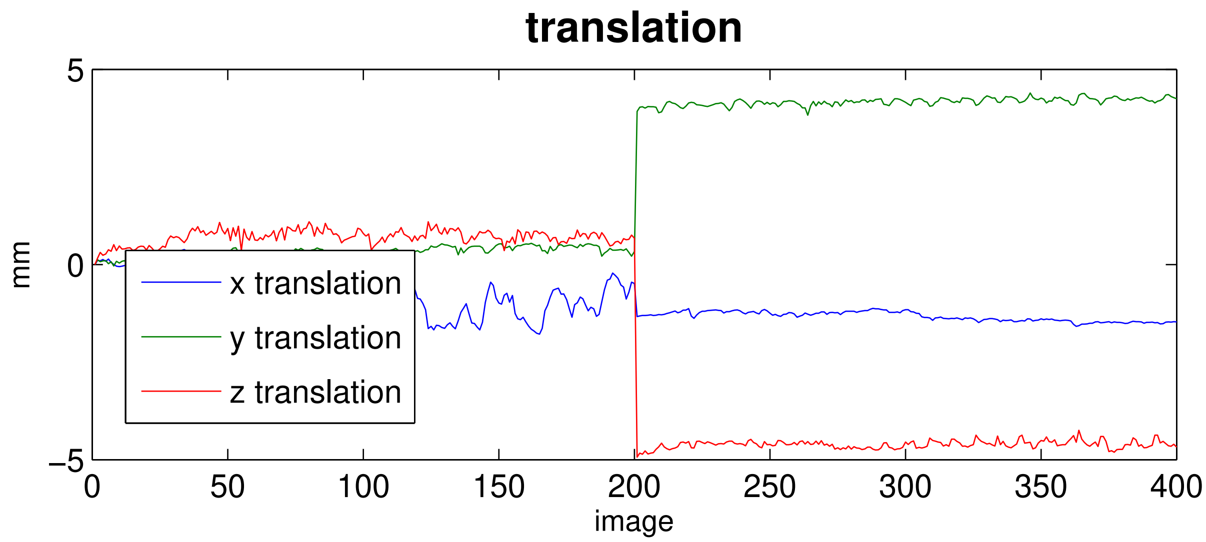
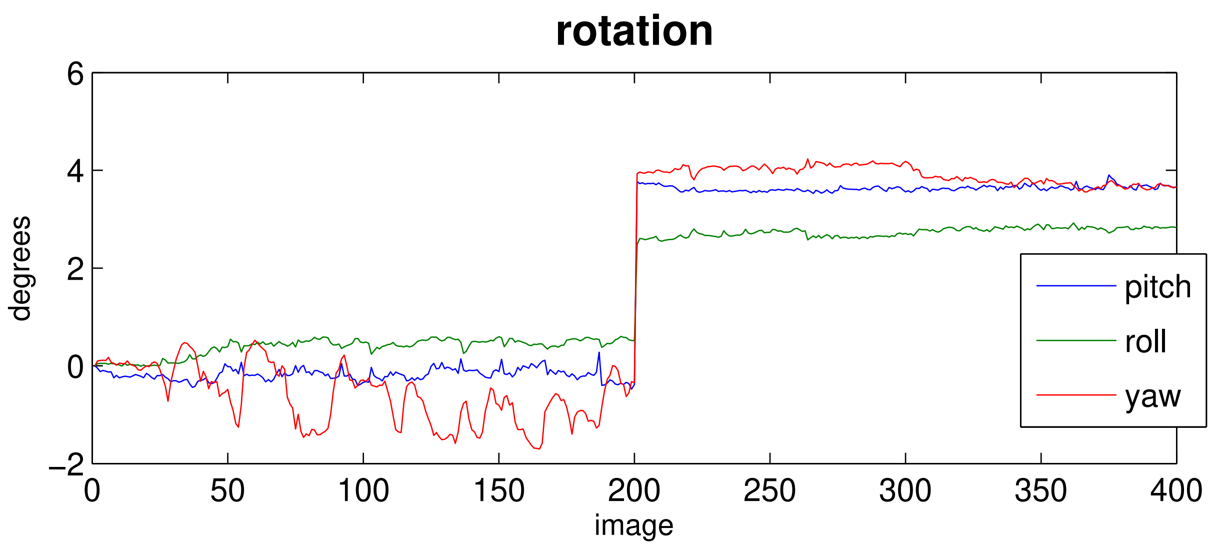
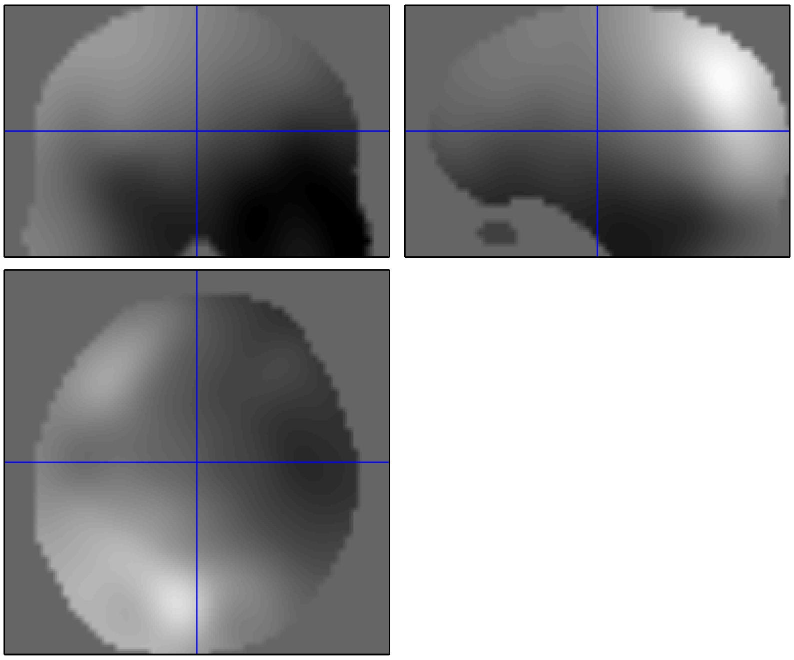

Movement parameters
0.2
0.1
0
−0.1
−0.2
0
50
100
150
200

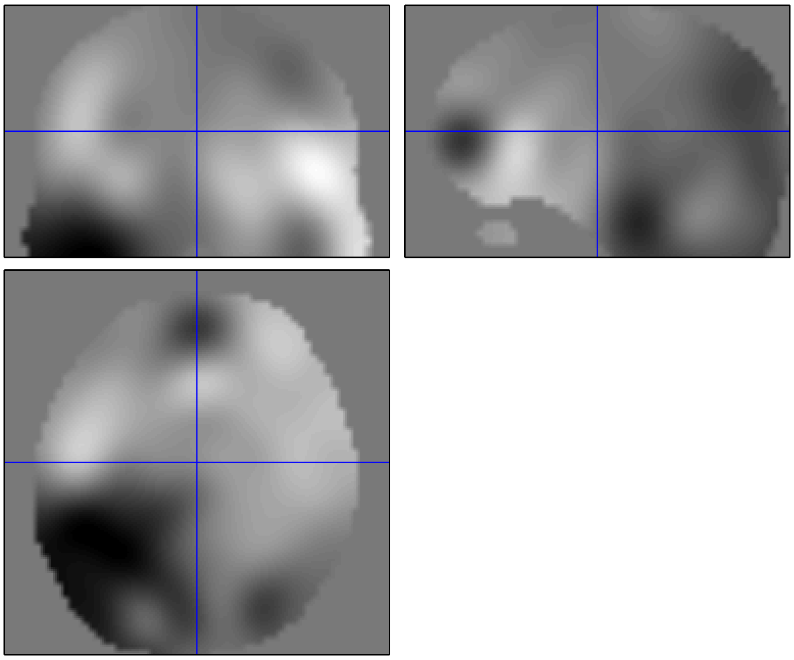
Image realignment

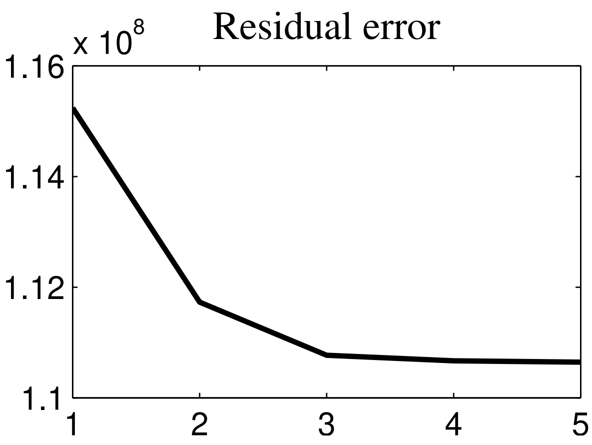
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/129_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/129_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/129_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/129_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/129_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/129_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/129_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/129_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/129_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/129_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/129_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/129_Brai
.... etc

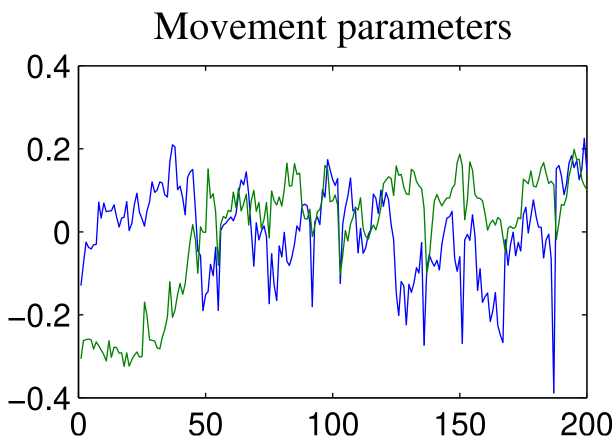









Residual error
x 10^8
1.16
1.14
1.12
1.1
1
2
3
4
5


Movement parameters
0.4
0.2
0
−0.2
−0.4
0
50
100
150
200

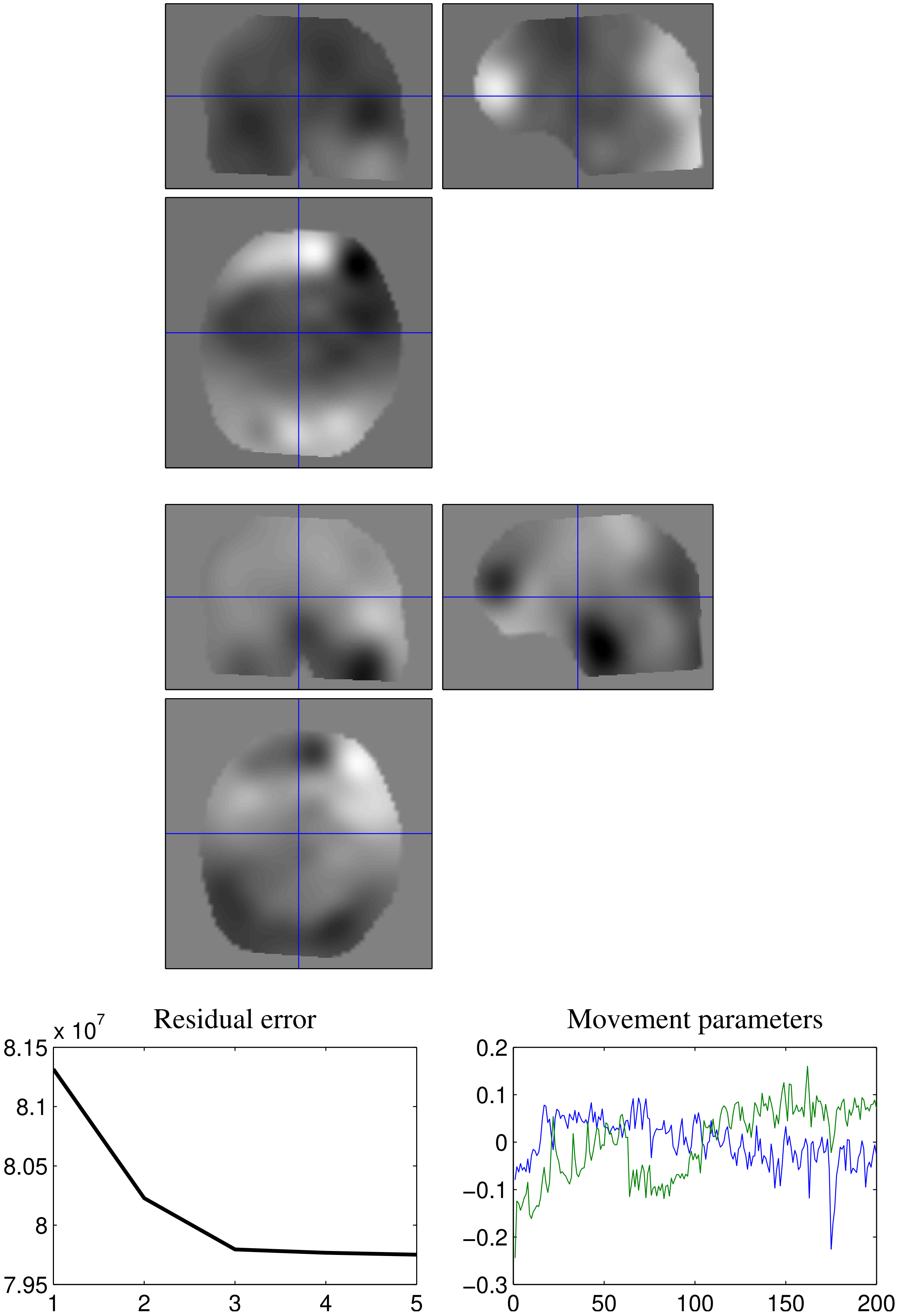
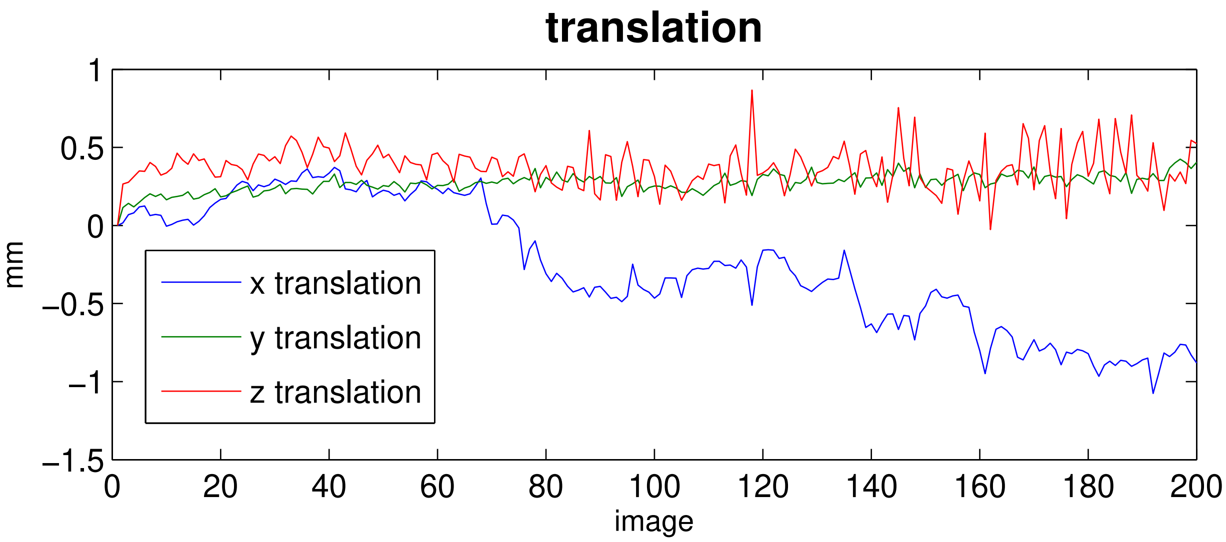
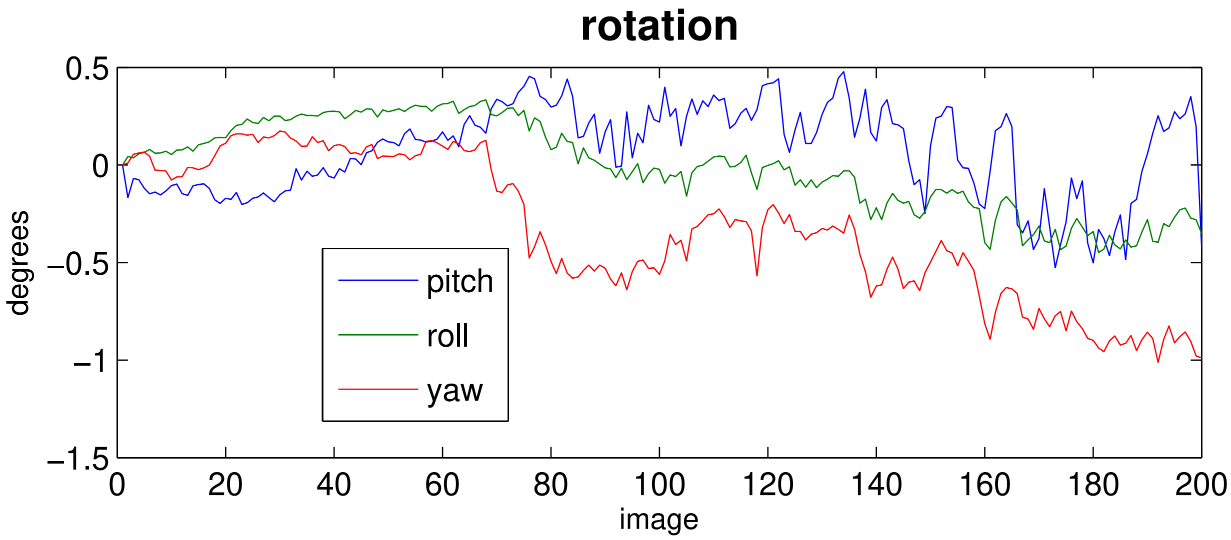
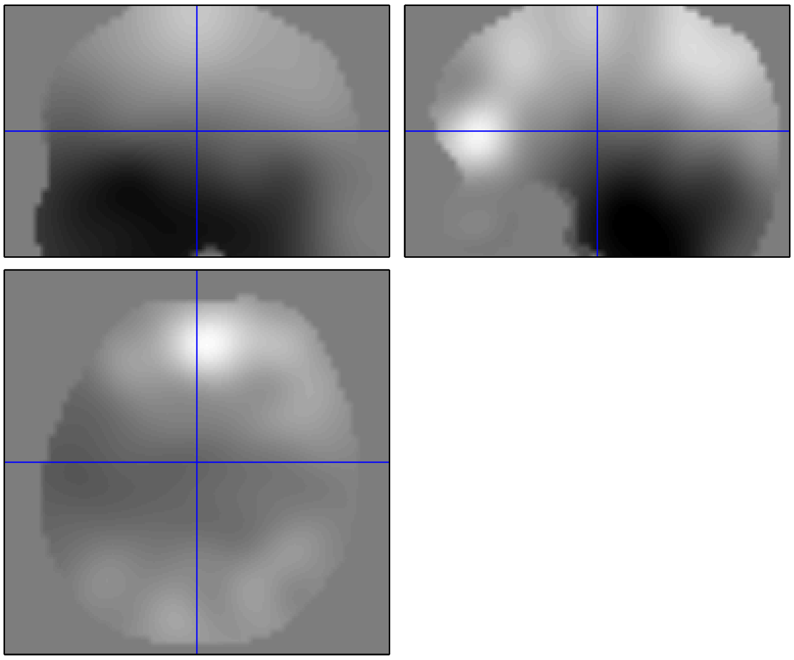

Residual error
x 10^7
8.15
8.1
8.05
8
7.95
1
2
3
4
5
Movement parameters
0.2
0.1
0
−0.1
−0.2
−0.3
0
50
100
150
200

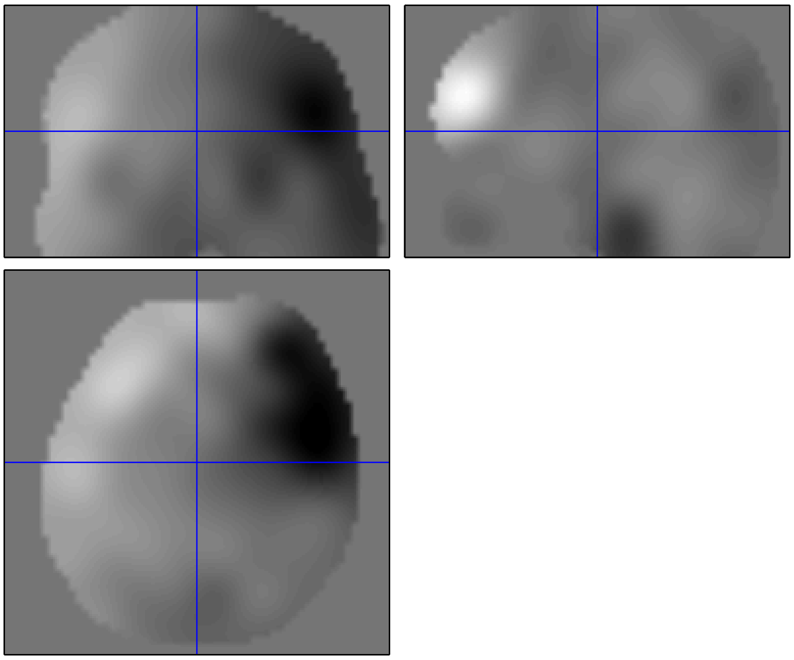
Image realignment

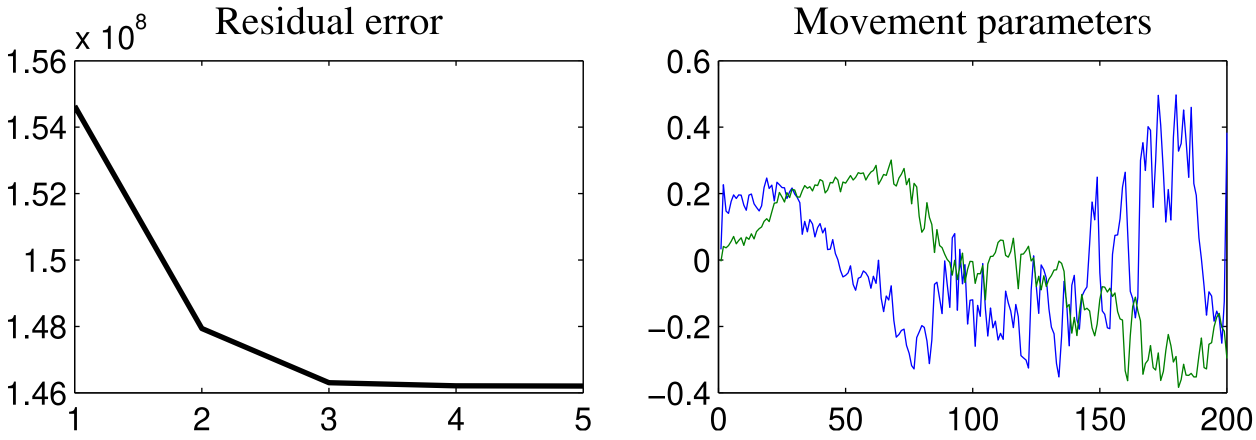
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/124_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/124_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/124_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/124_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/124_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/124_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/124_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/124_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/124_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/124_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/124_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/124_Brai
.... etc







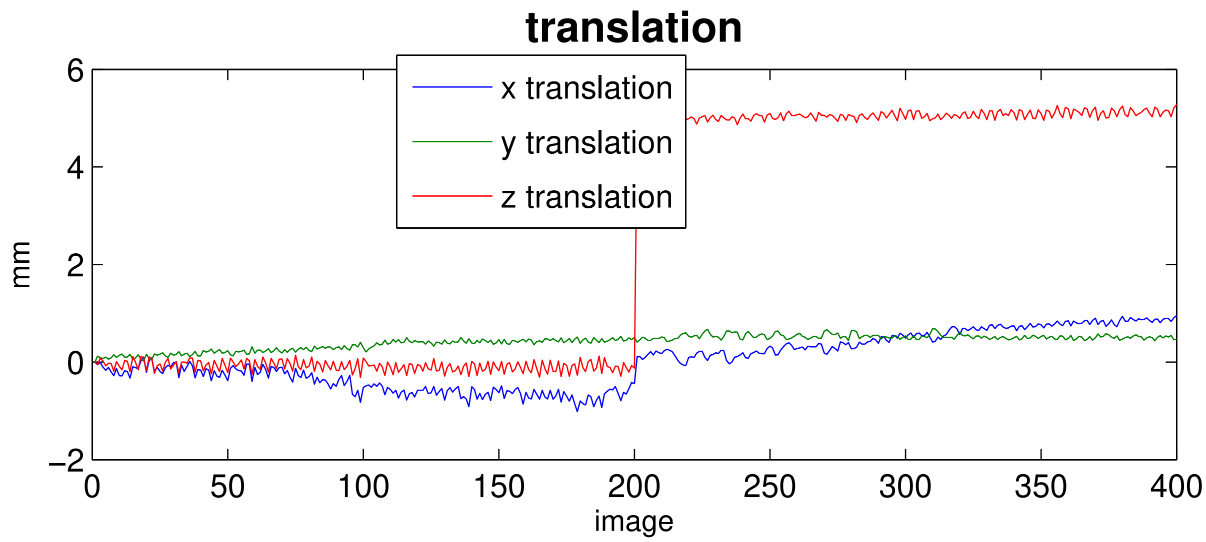


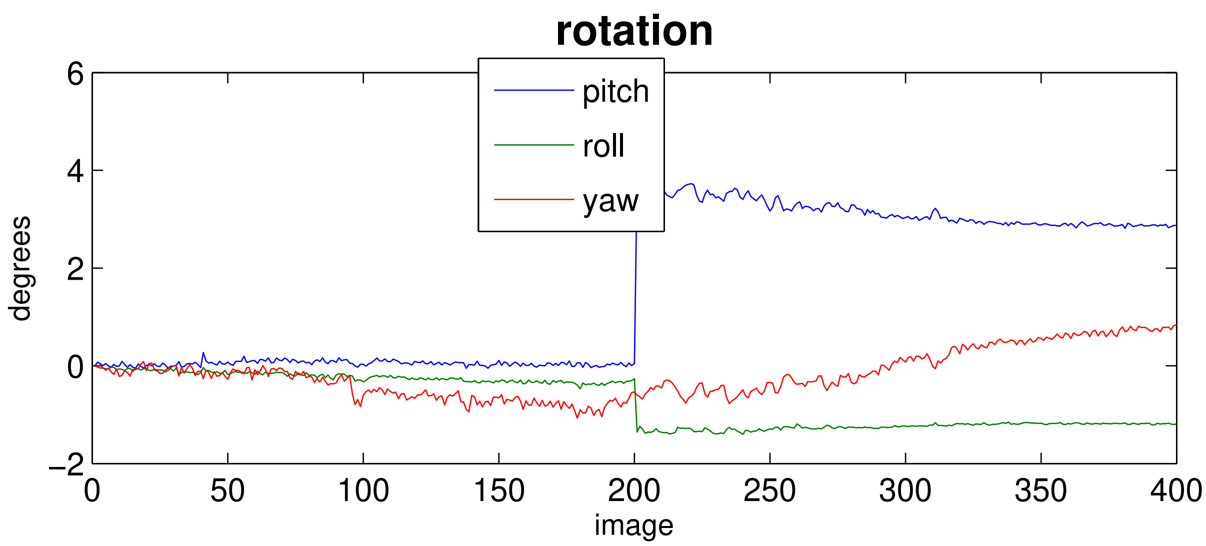


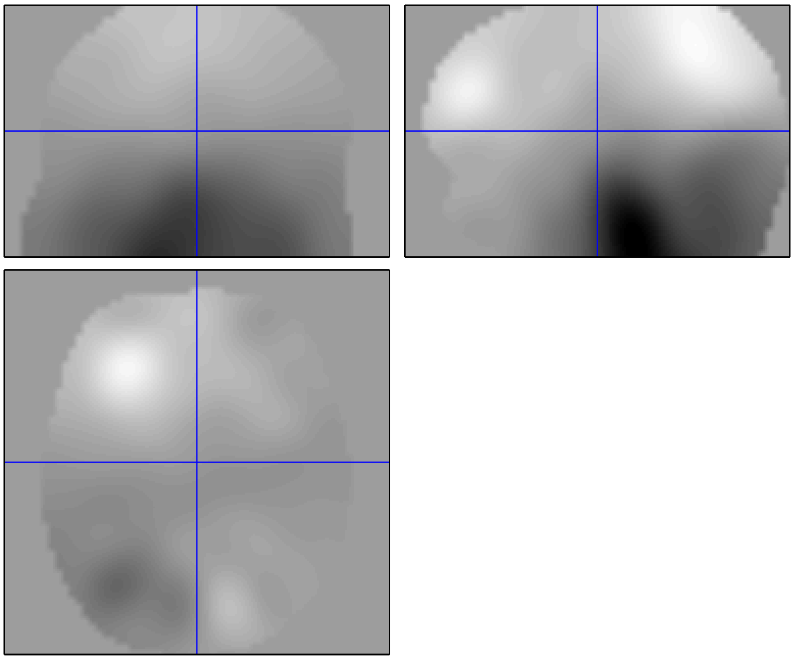
Residual error
x 10^8
1.56
1.54
1.52
1.5
1.48
1.46
1
2
3
4
5
Movement parameters
0.6
0.4
0.2
0
−0.2
−0.4
0
50
100
150
200

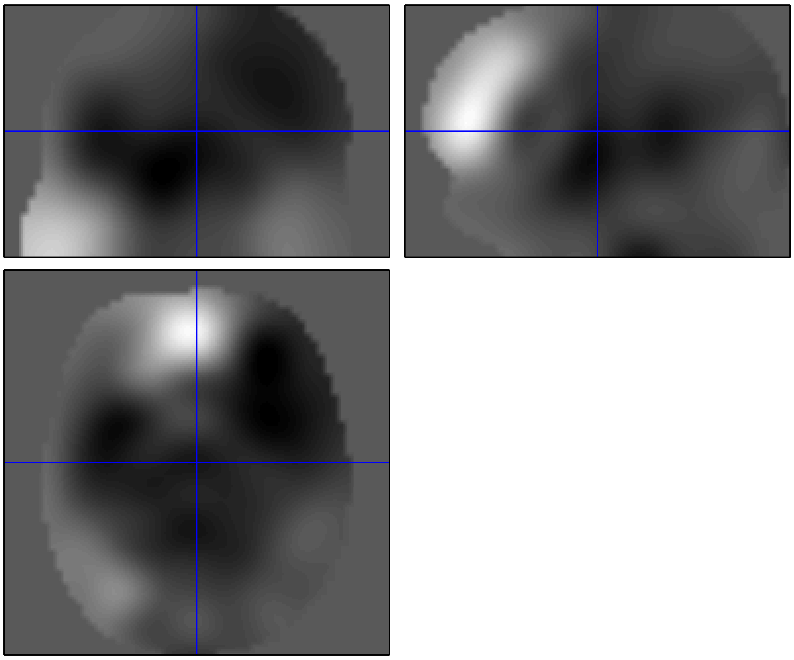
Image realignment

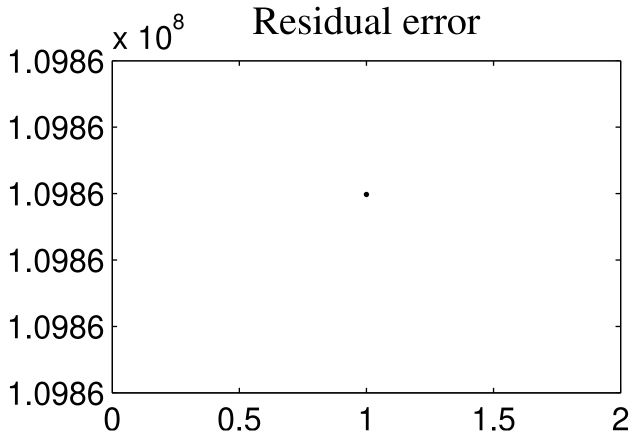
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/115_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/115_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/115_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/115_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/115_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/115_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/115_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/115_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/115_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/115_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/115_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/115_Brai
.... etc

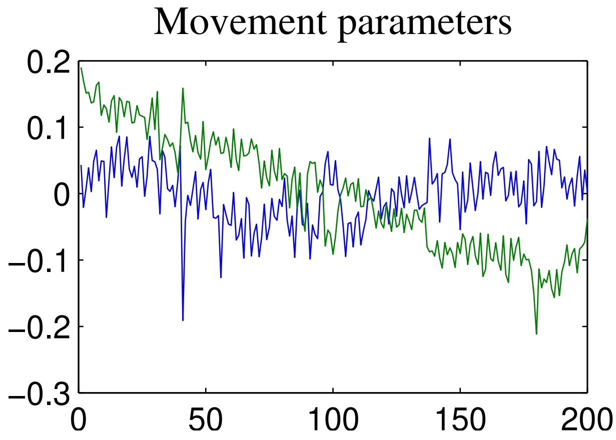


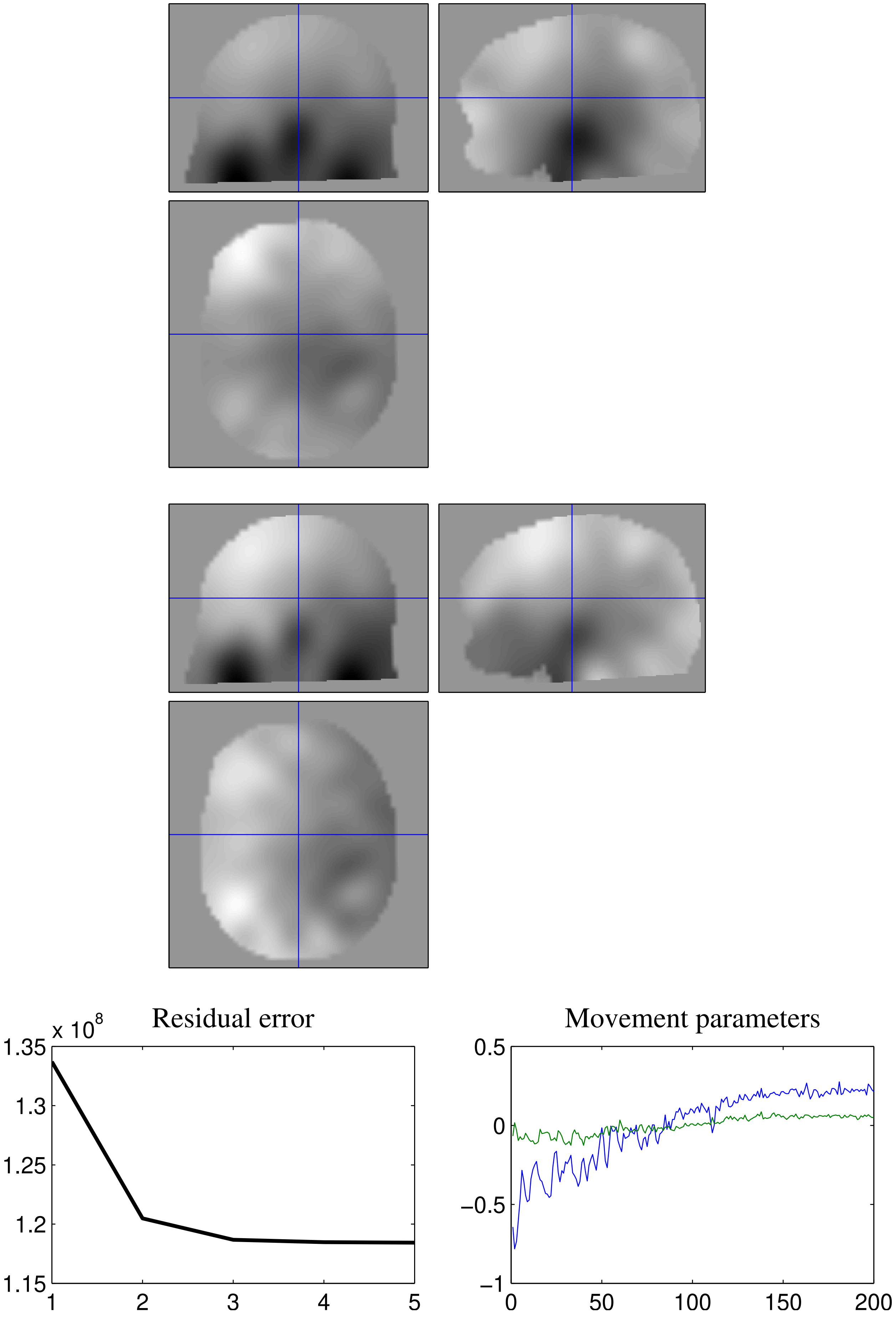







Residual error
x 10^8
1.0986
1.0986
1.0986
1.0986
1.0986
1.0986
0
0.5
1
1.5
2

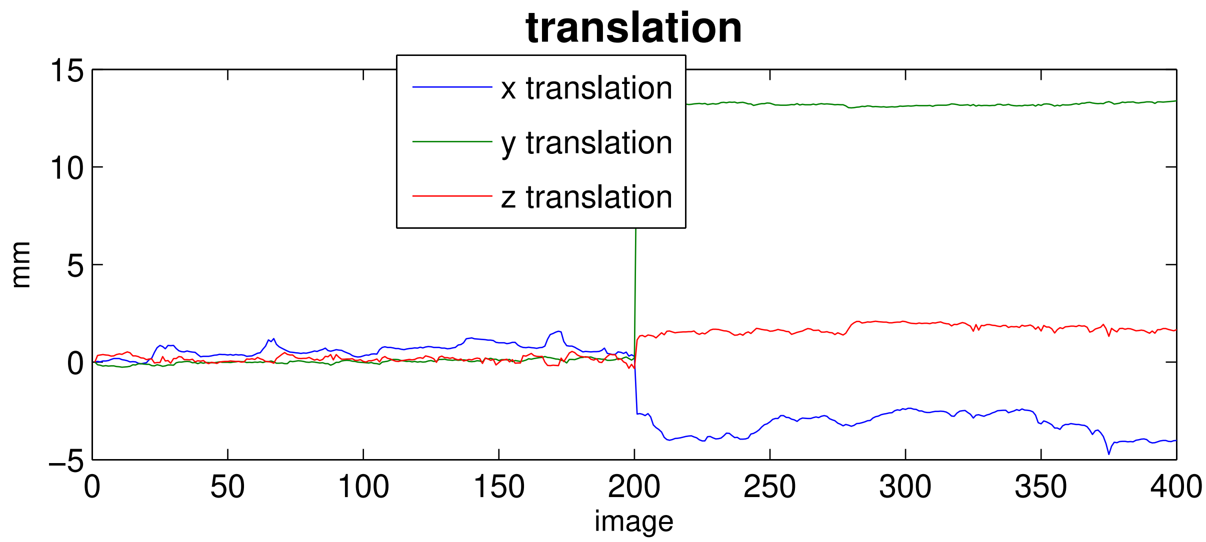

Movement parameters
0.2
0.1
0
−0.1
−0.2
−0.3
0
50
100
150
200

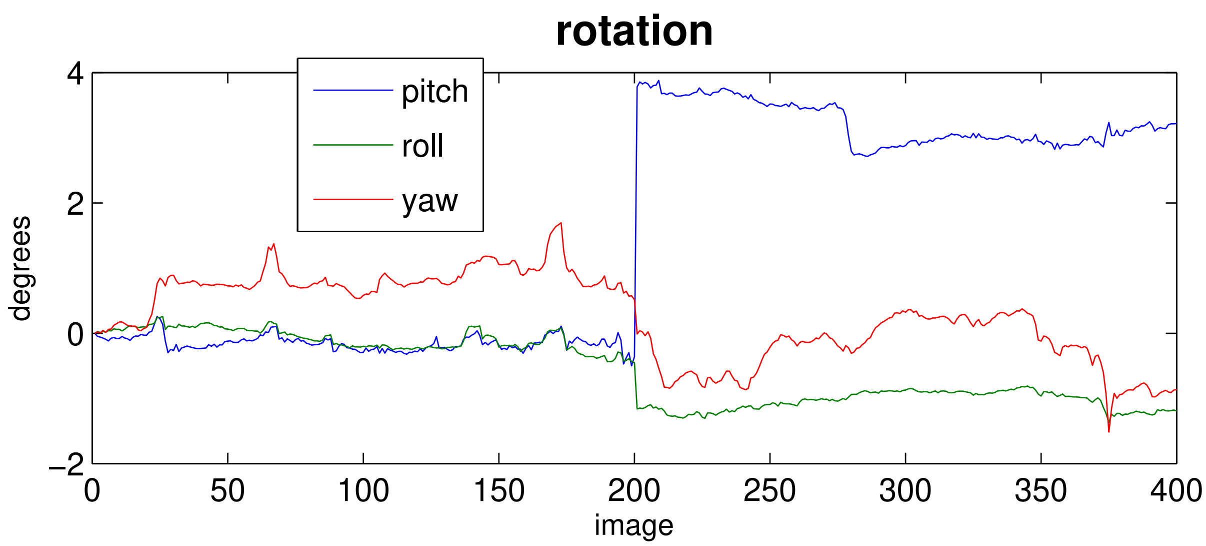


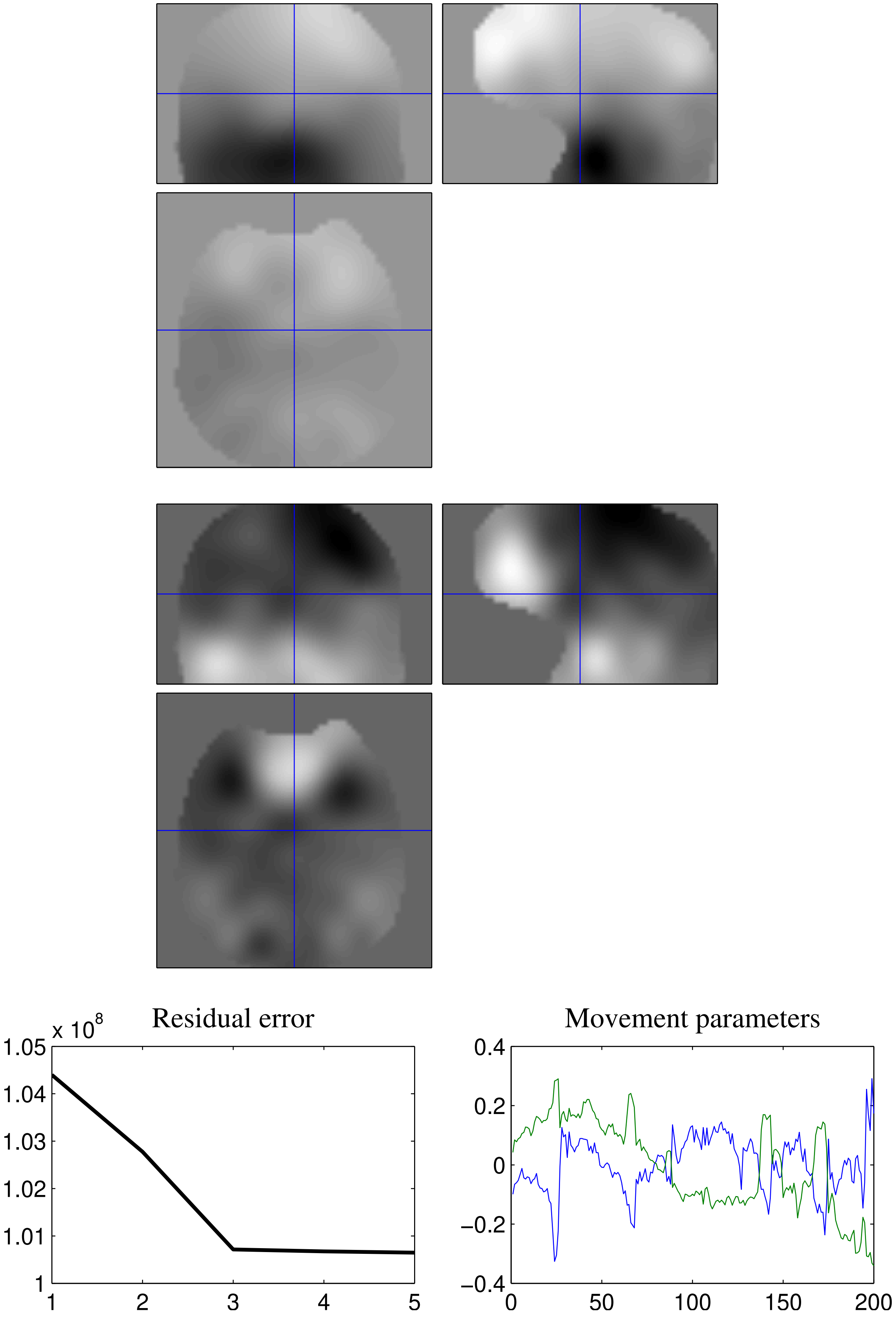
Residual error
x 10^8
1.35
1.3
1.25
1.2
1.15
1
2
3
4
5
Movement parameters
0.5
0
−0.5
−1
0
50
100
150
200

Image realignment

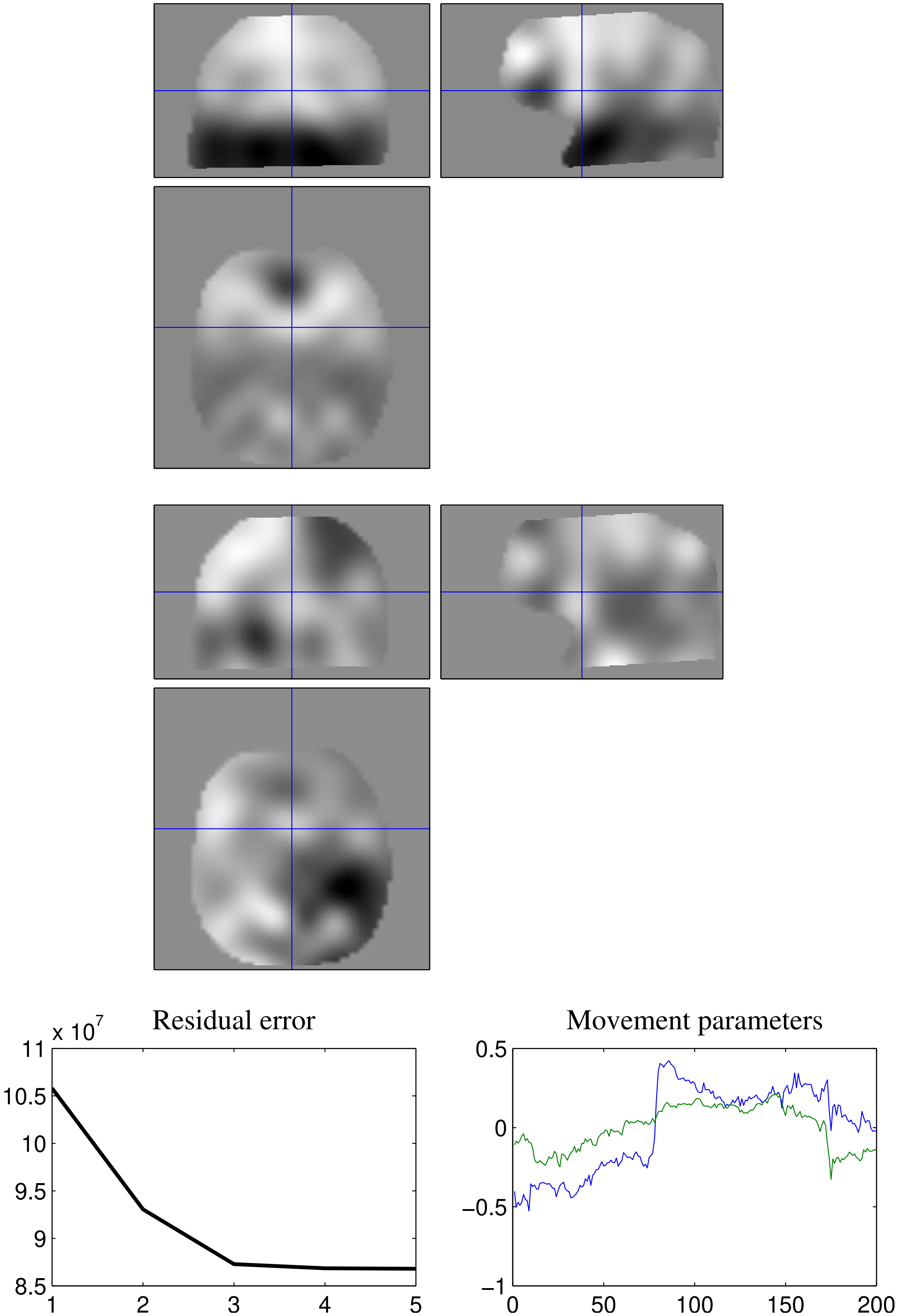
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/140_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/140_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/140_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/140_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/140_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/140_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/140_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/140_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/140_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/140_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/140_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/140_Brai
.... etc







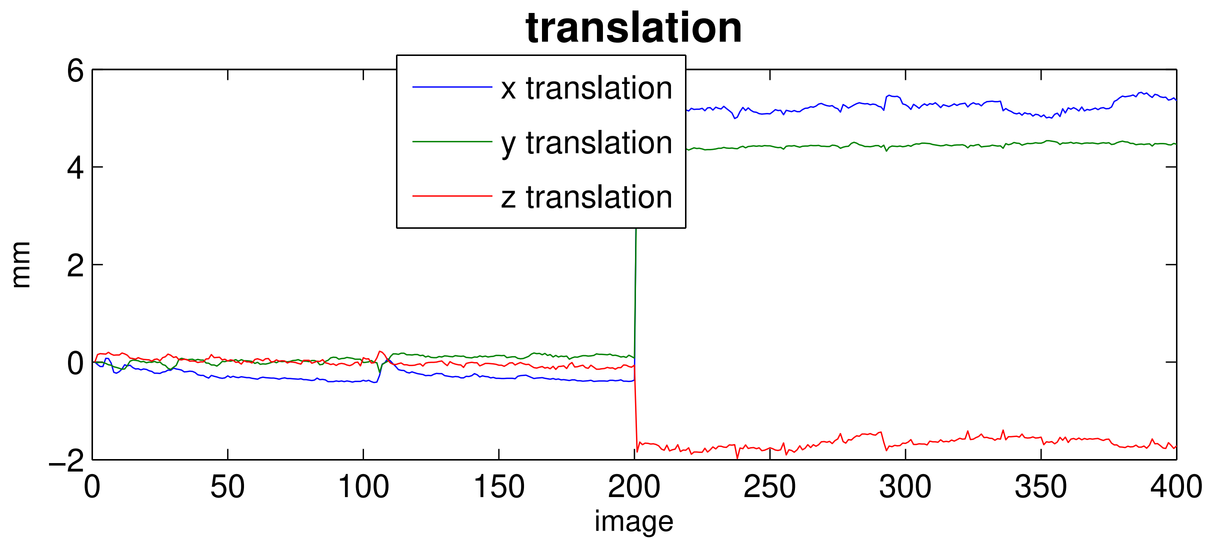
Residual error
x 10^8
1.05
1.04
1.03
1.02
1.01
1
1
2
3
4
5
Movement parameters
0.4
0.2
0
−0.2
−0.4
0
50
100
150
200

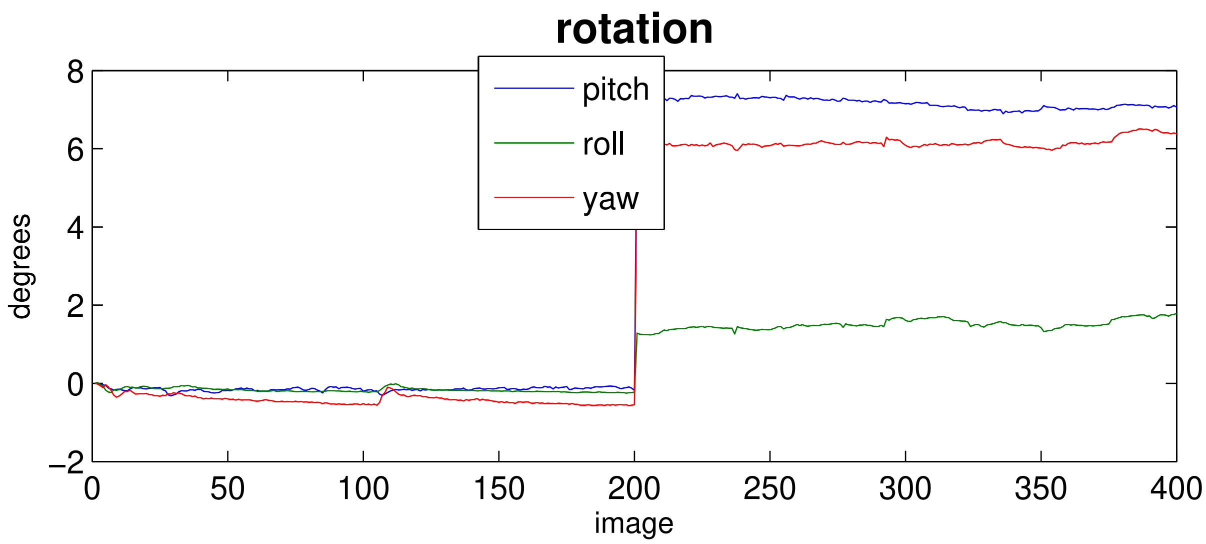


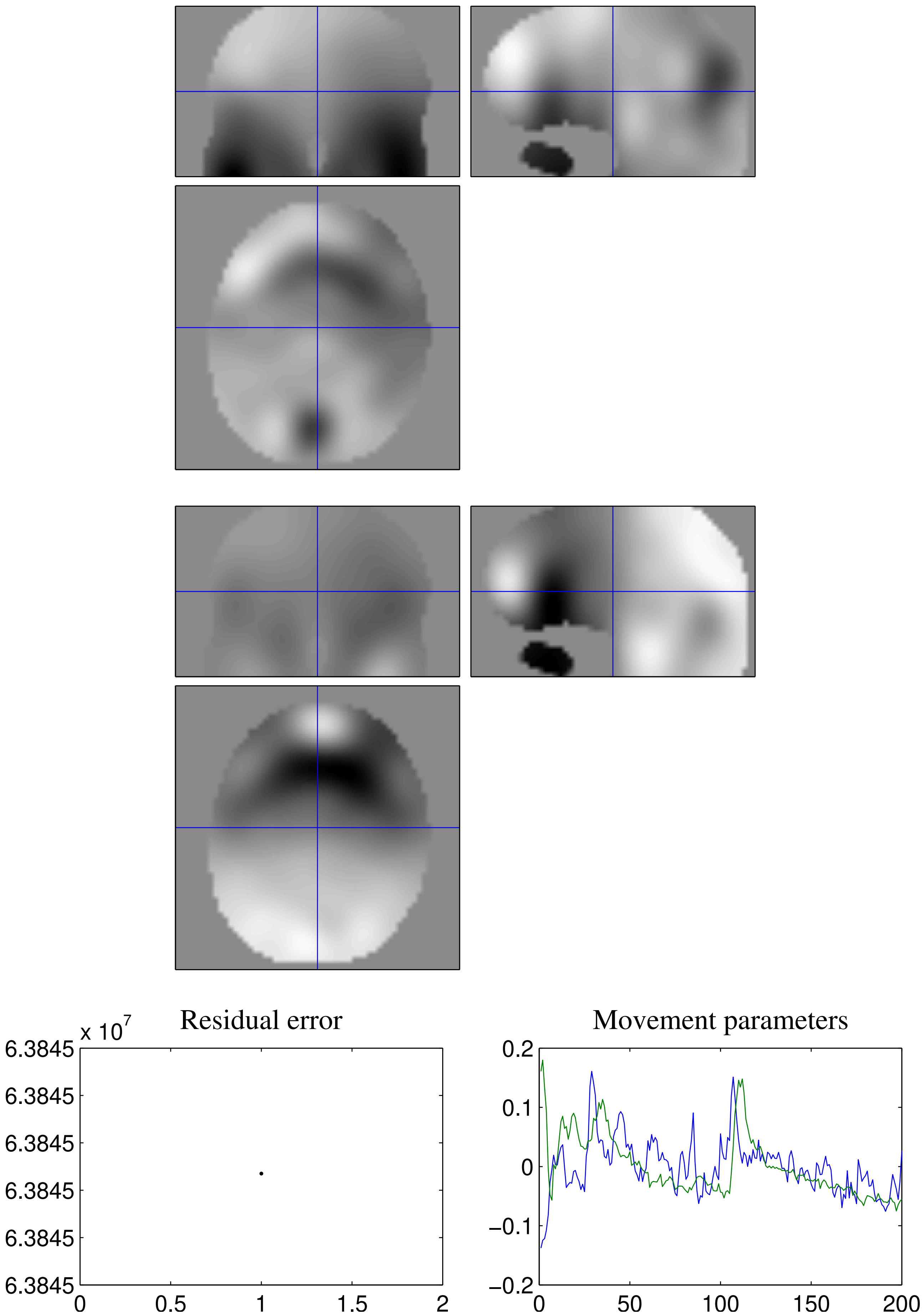
Residual error
x 10^7
11
10.5
10
9.5
9
8.5
1
2
3
4
5
Movement parameters
0.5
0
−0.5
−1
0
50
100
150
200

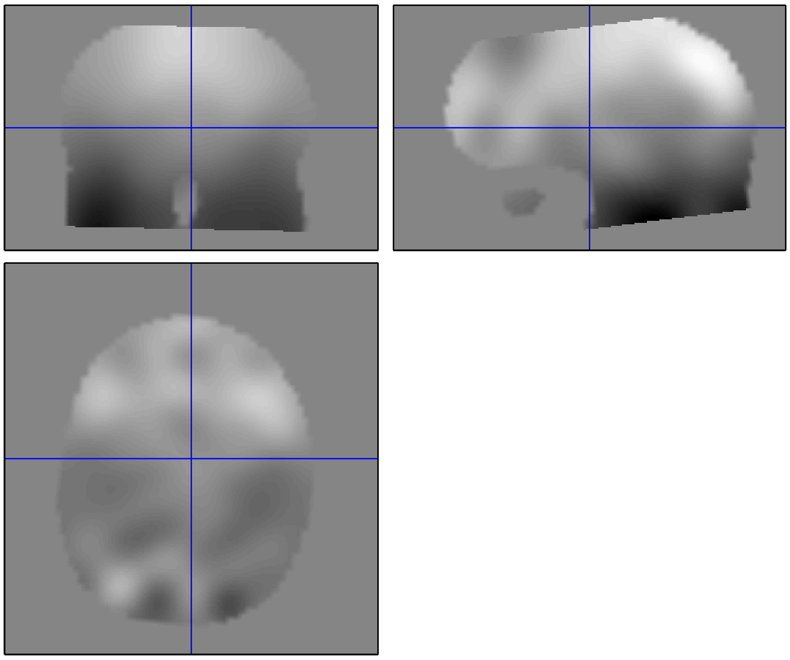
Image realignment

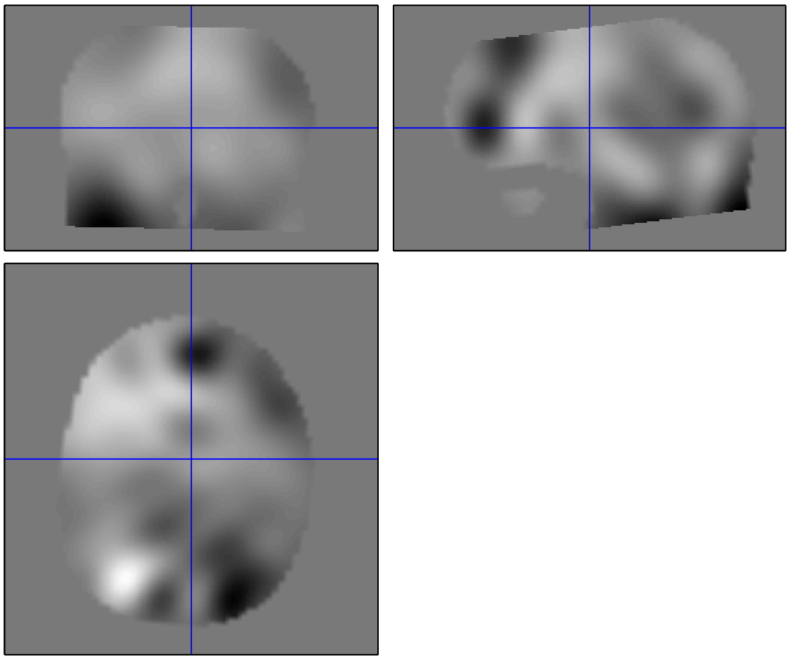
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/141_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/141_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/141_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/141_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/141_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/141_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/141_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/141_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/141_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/141_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/141_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/141_Brai
.... etc

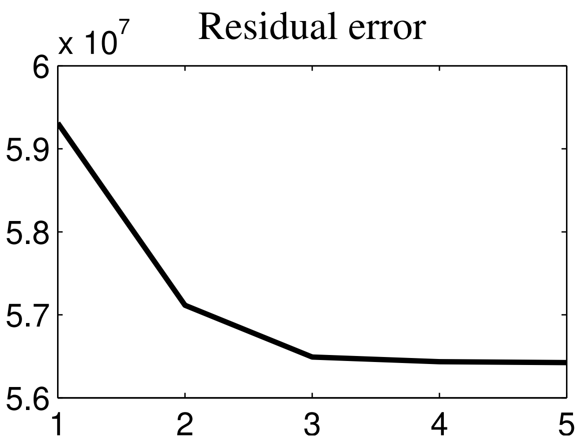





Residual error
x 10^7
6.3845
6.3845
6.3845
6.3845
6.3845
6.3845
0
0.5
1
1.5
2
Movement parameters
0.2
0.1
0
−0.1
−0.2
0
50
100
150
200






Residual error
x 10^7
6
5.9
5.8
5.7
5.6
1
2
3
4
5

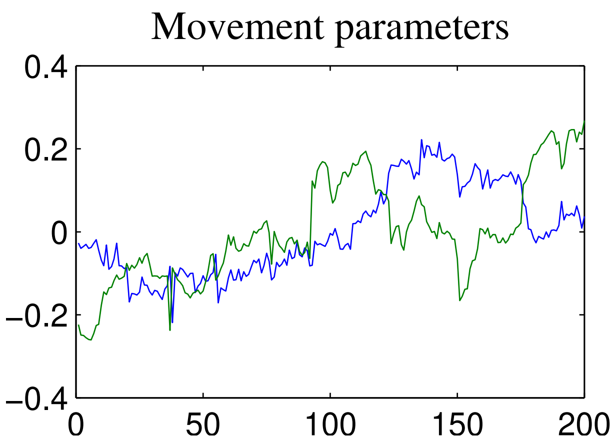

Movement parameters
0.4
0.2
0
−0.2
−0.4
0
50
100
150
200

Image realignment

1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/145_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/145_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/145_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/145_Brair
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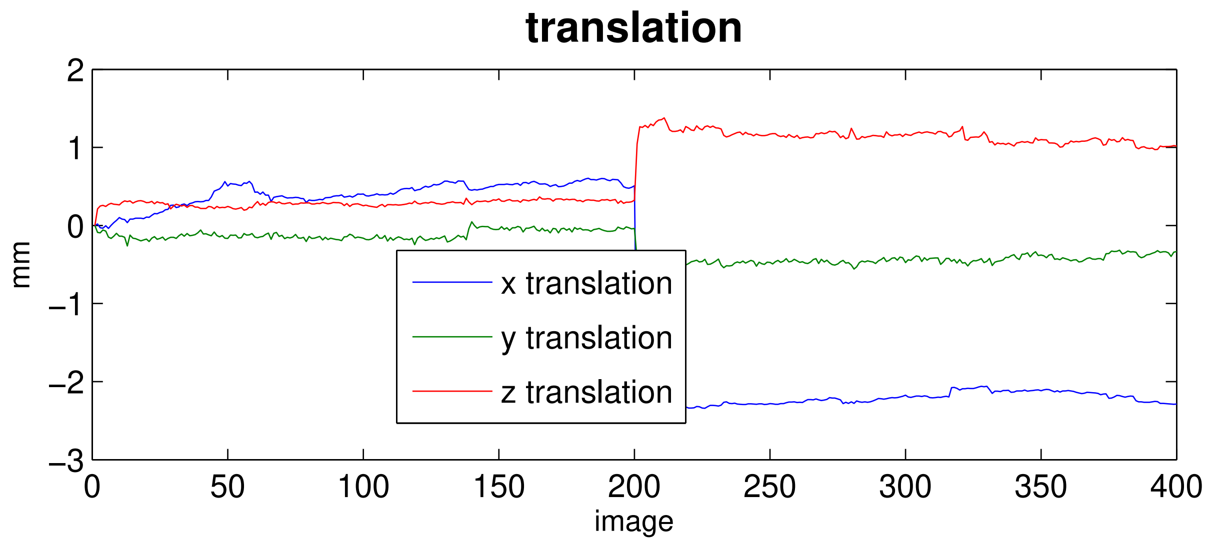
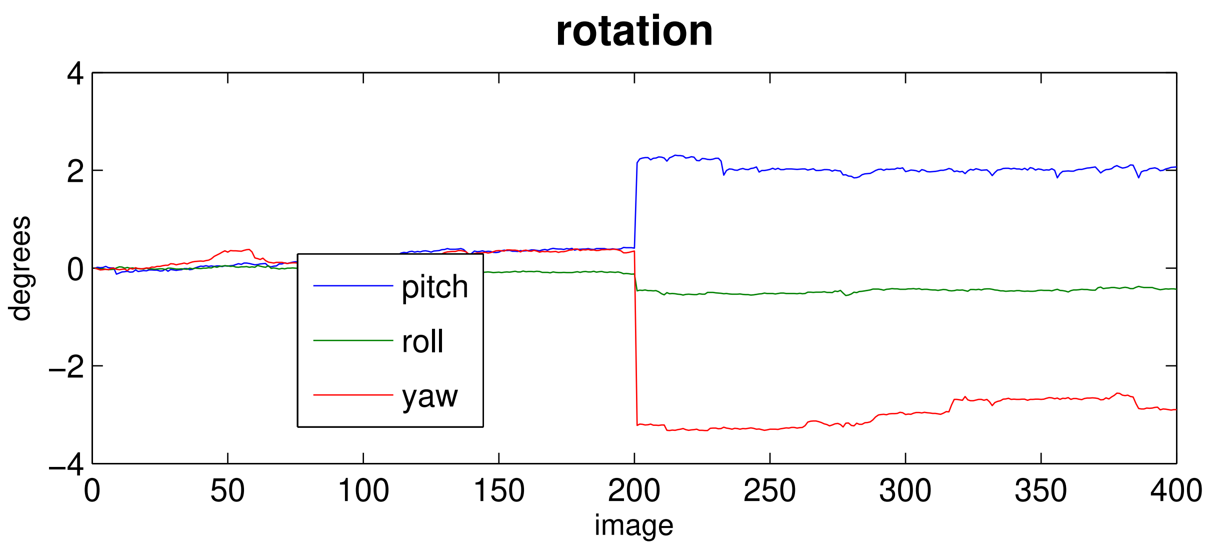
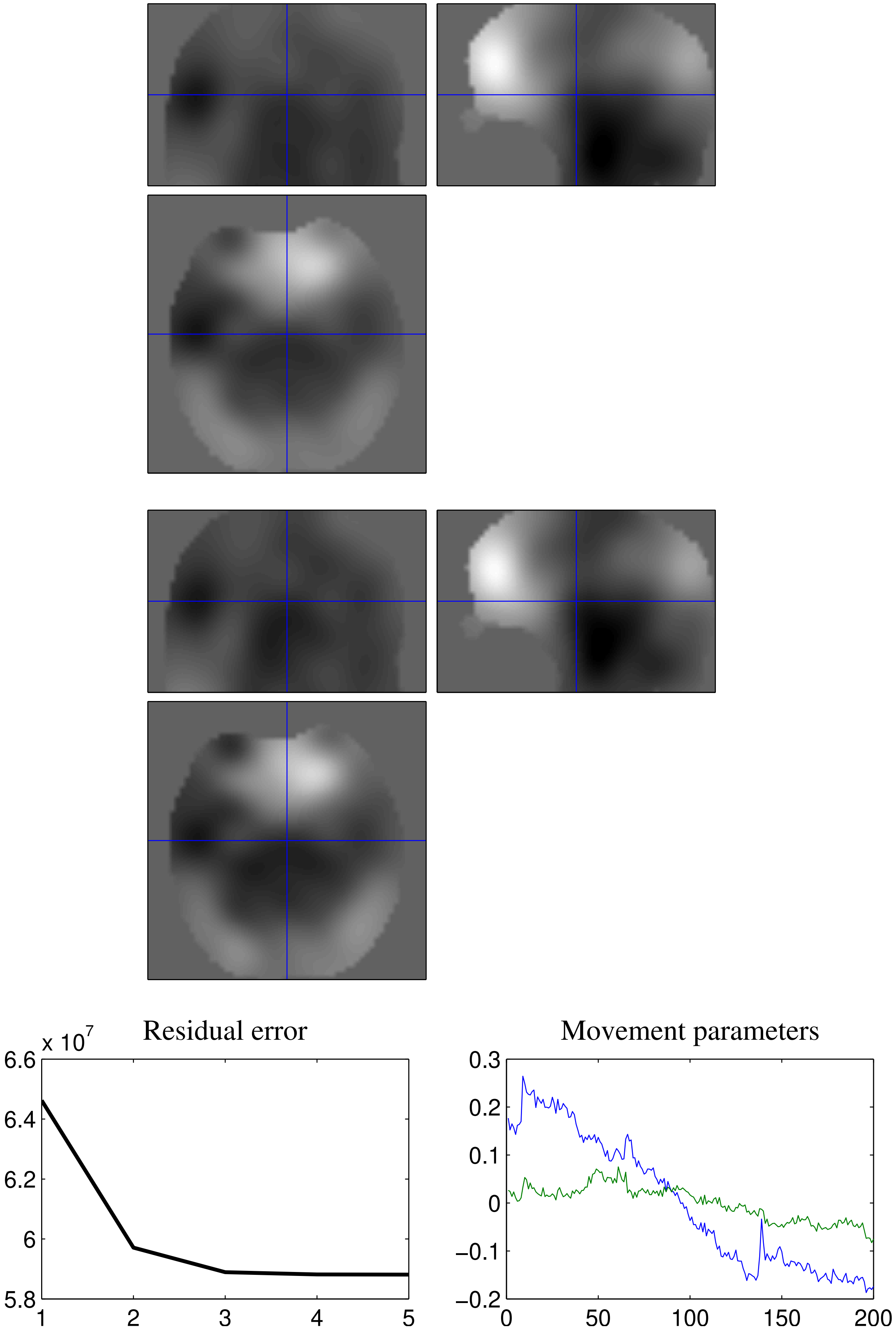
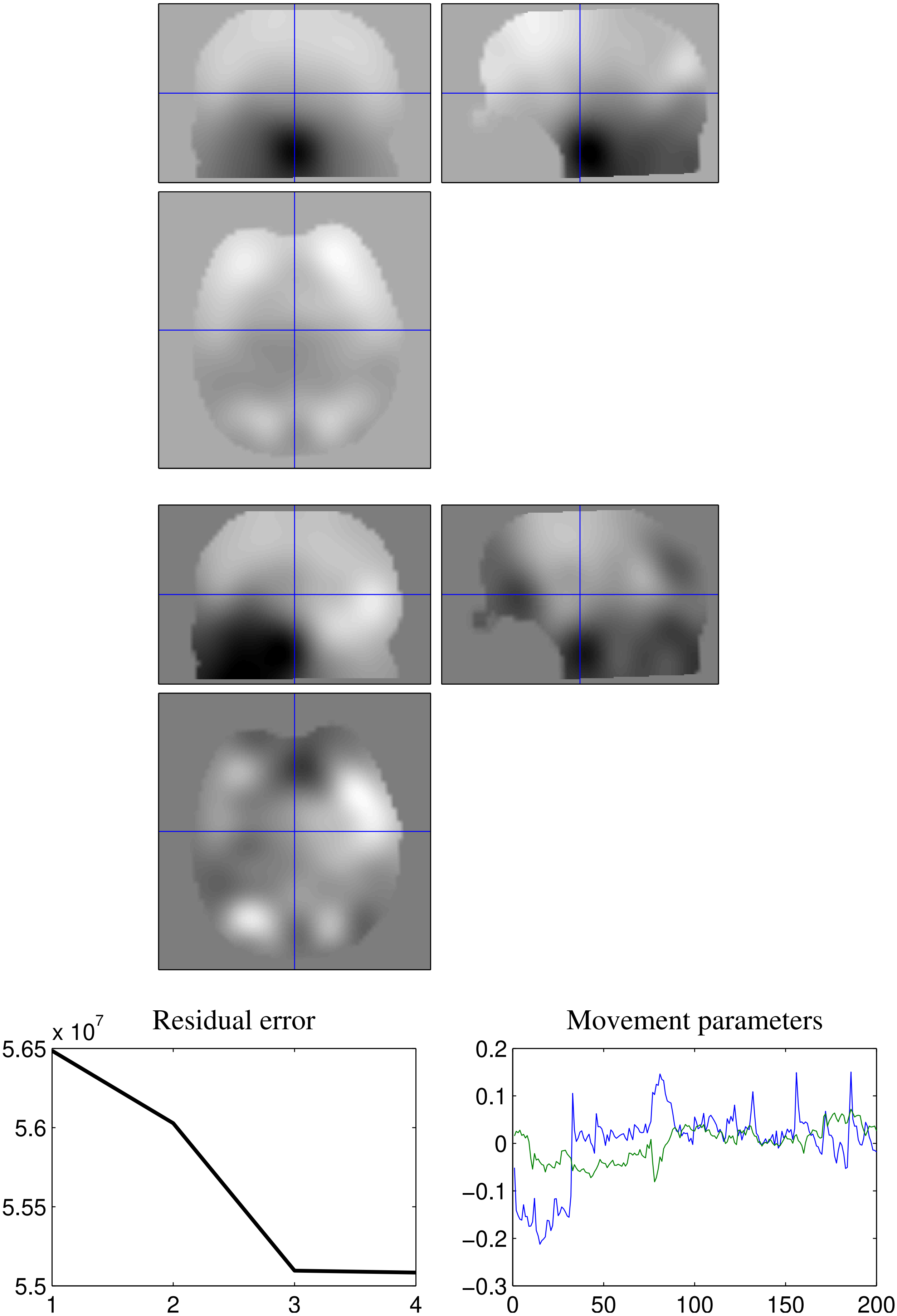
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/145_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/145_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/145_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/145_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/145_Brai
.... etc






Residual error
x 10^7
6.6
6.4
6.2
6
5.8
1
2
3
4
5
Movement parameters
0.3
0.2
0.1
0
−0.1
−0.2
0
50
100
150
200

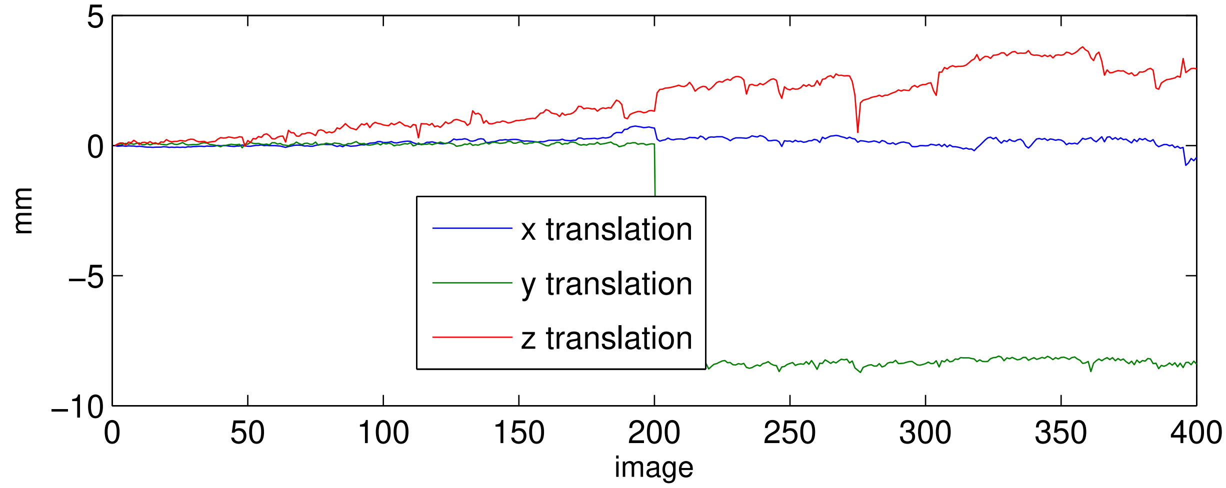


Residual error
x 10^7
5.65
5.6
5.55
5.5
1
2
3
4
Movement parameters
0.2
0.1
0
−0.1
−0.2
−0.3
0
50
100
150
200

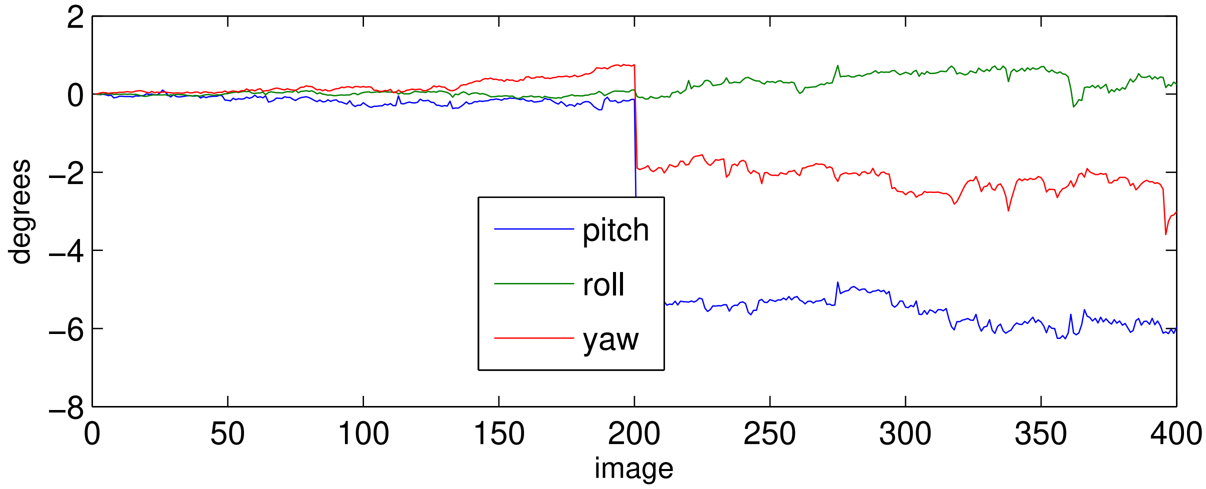
Image realignment

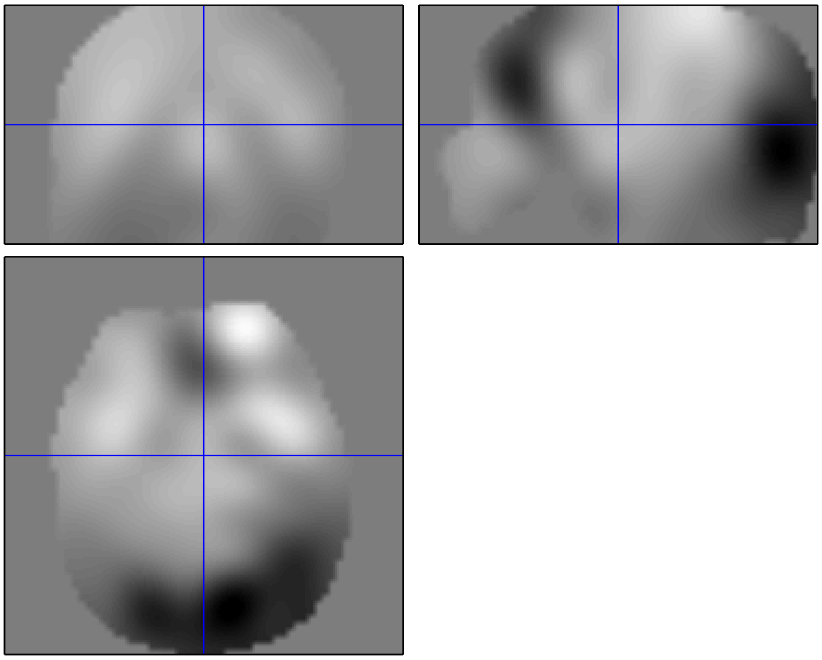
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/150_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/150_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/150_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/150_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/150_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/150_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/150_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/150_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/150_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/150_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/150_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/150_Brai
.... etc

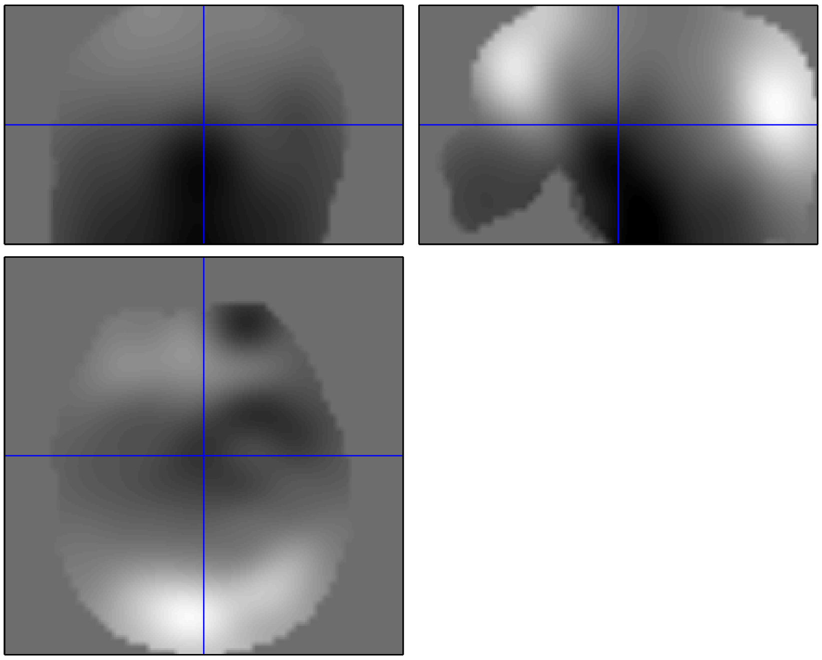
translation

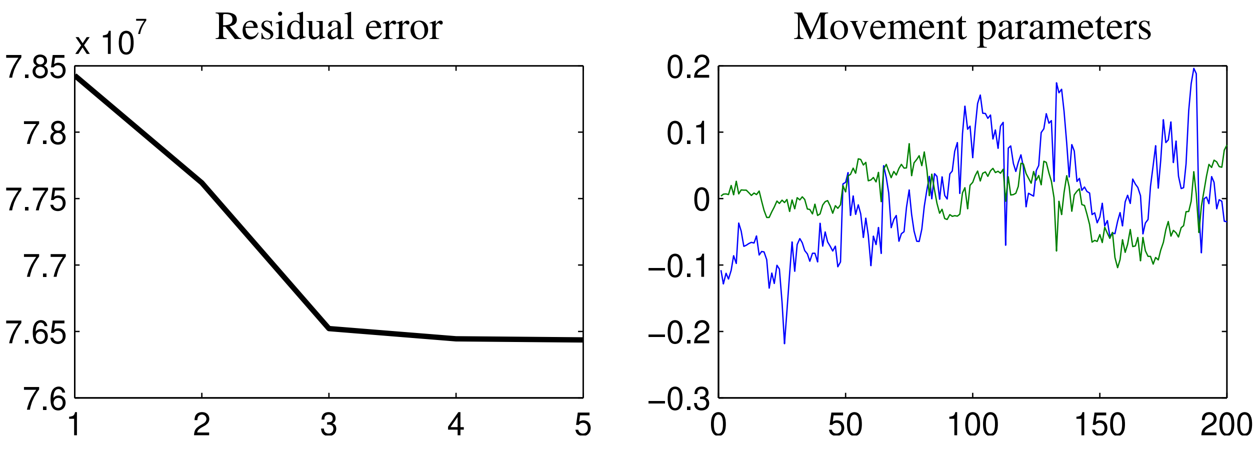


rotation

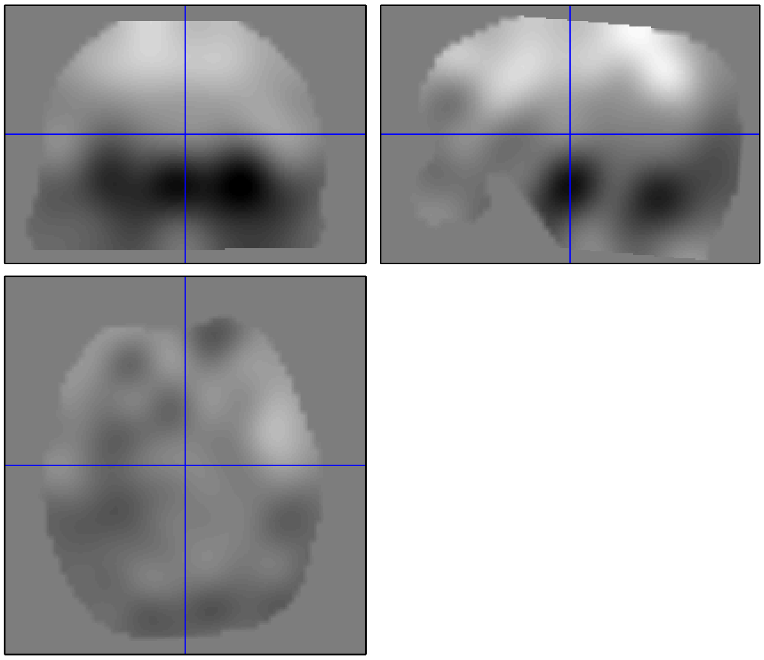


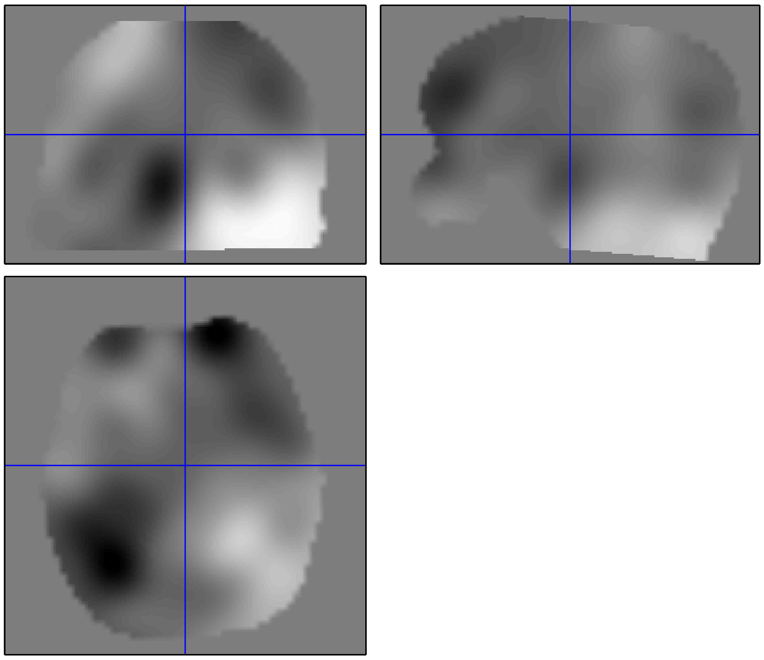


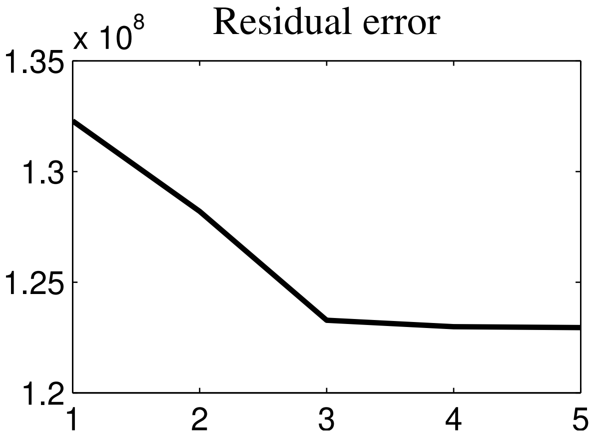




Residual error
x 10^7
7.85
7.8
7.75
7.7
7.65
7.6
1
2
3
4
5
Movement parameters
0.2
0.1
0
−0.1
−0.2
−0.3
0
50
100
150
200






Residual error
x 10^8
1.35
1.3
1.25
1.2
1
2
3
4
5

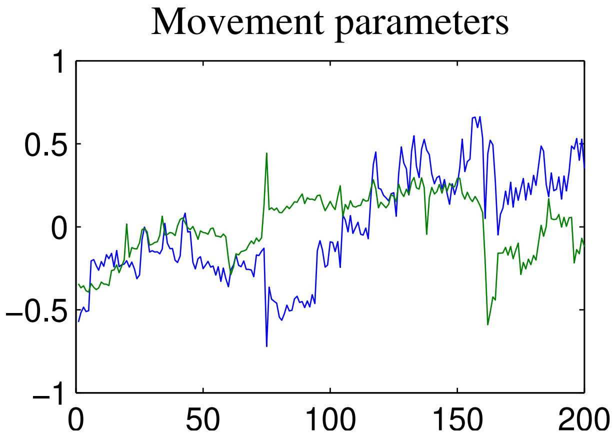
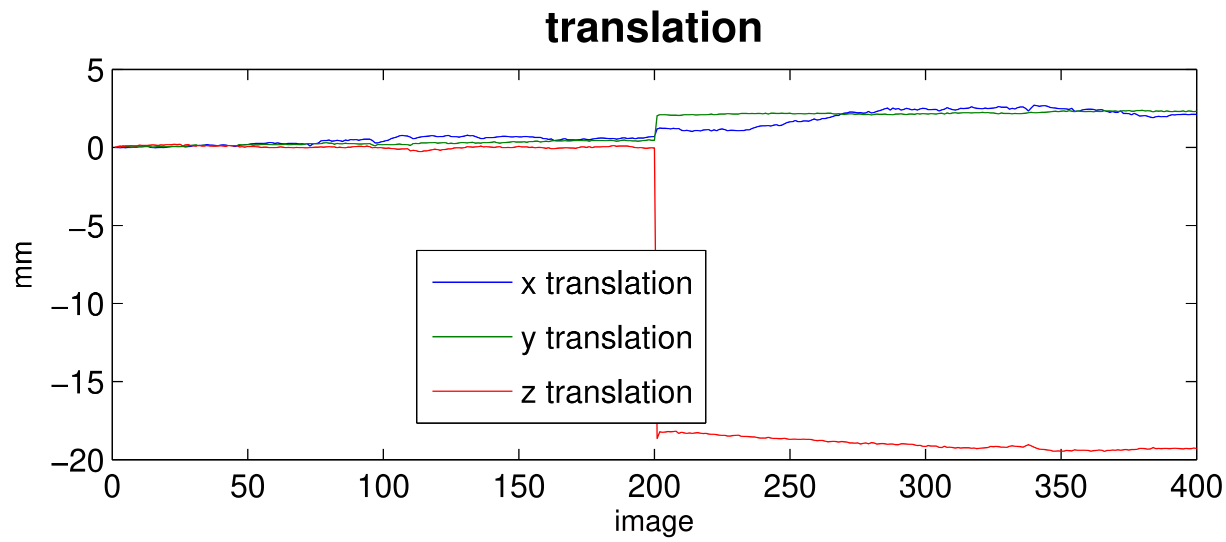
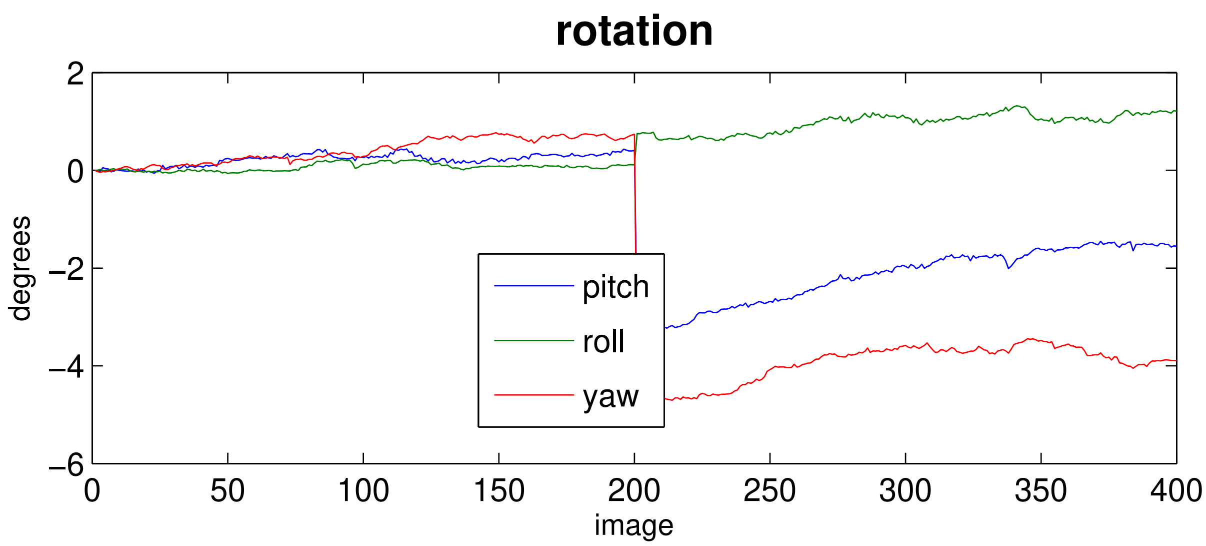
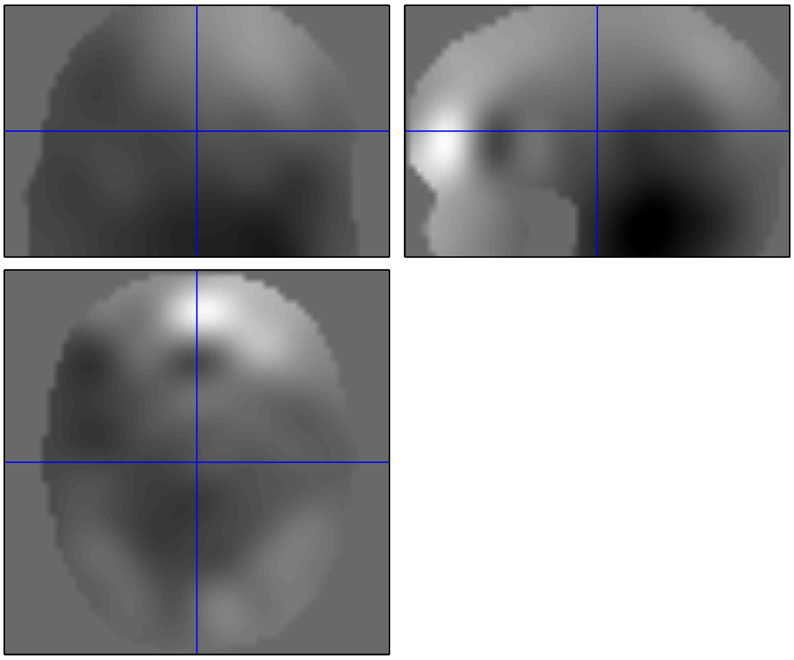

Movement parameters
1
0.5
0
−0.5
−1
0
50
100
150
200

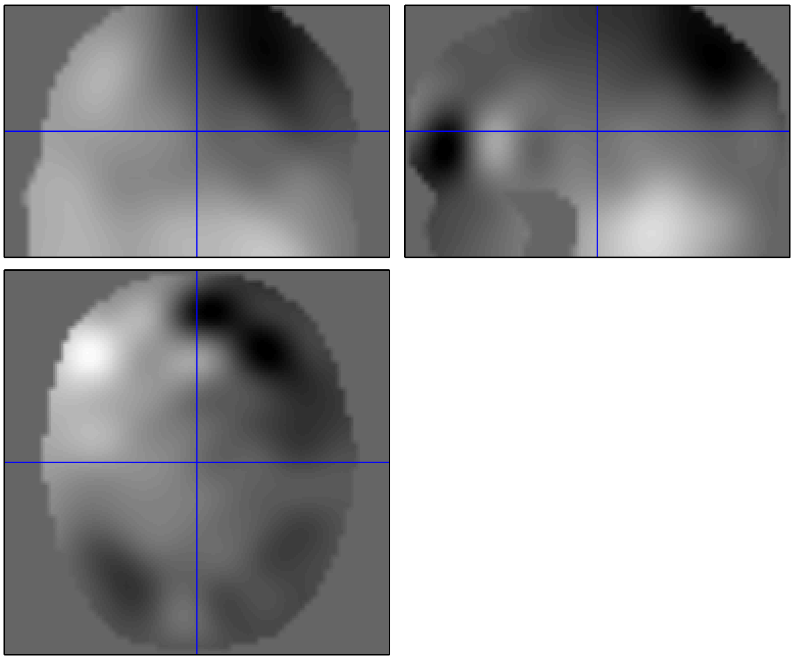
Image realignment

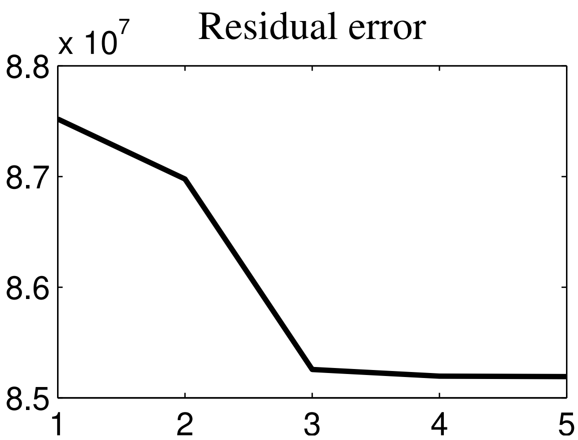
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/154_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/154_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/154_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/154_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/154_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/154_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/154_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/154_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/154_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/154_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/154_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/154_Brai
.... etc

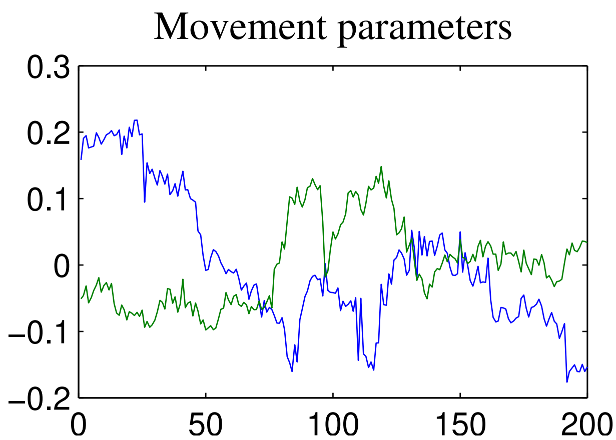









Residual error
x 10^7
8.8
8.7
8.6
8.5
1
2
3
4
5


Movement parameters
0.3
0.2
0.1
0
−0.1
−0.2
0
50
100
150
200

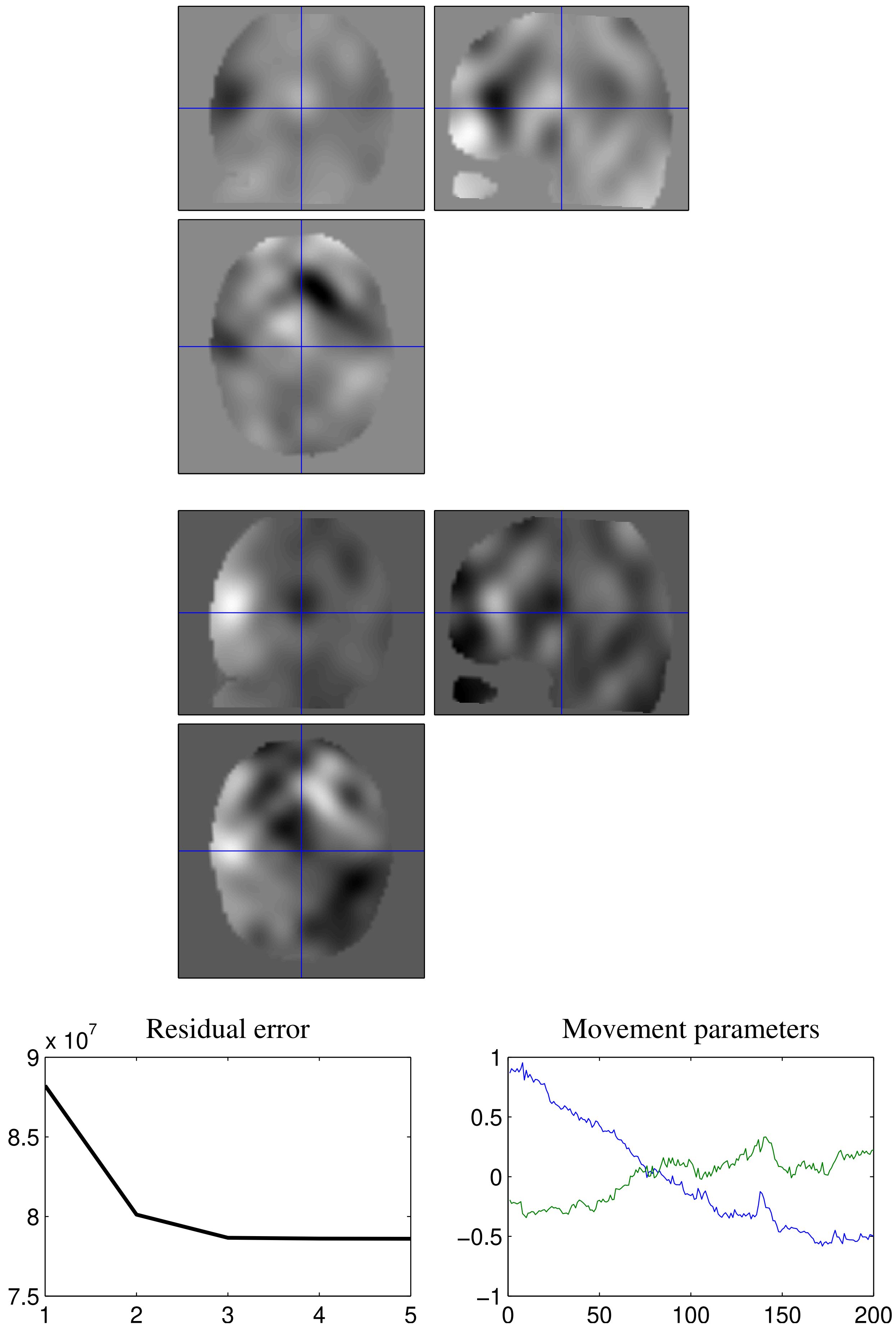
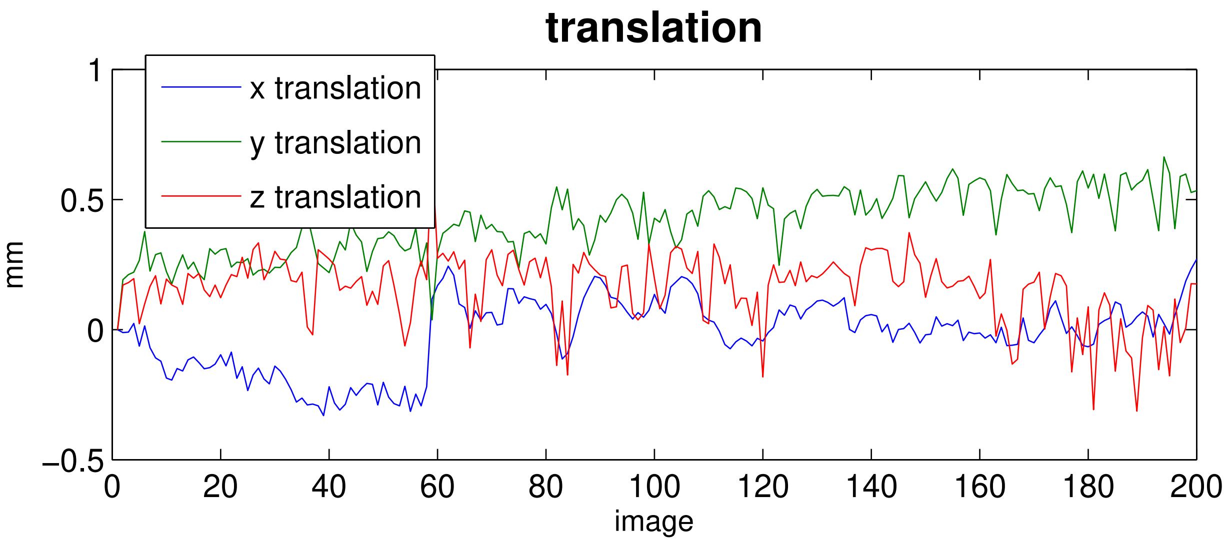
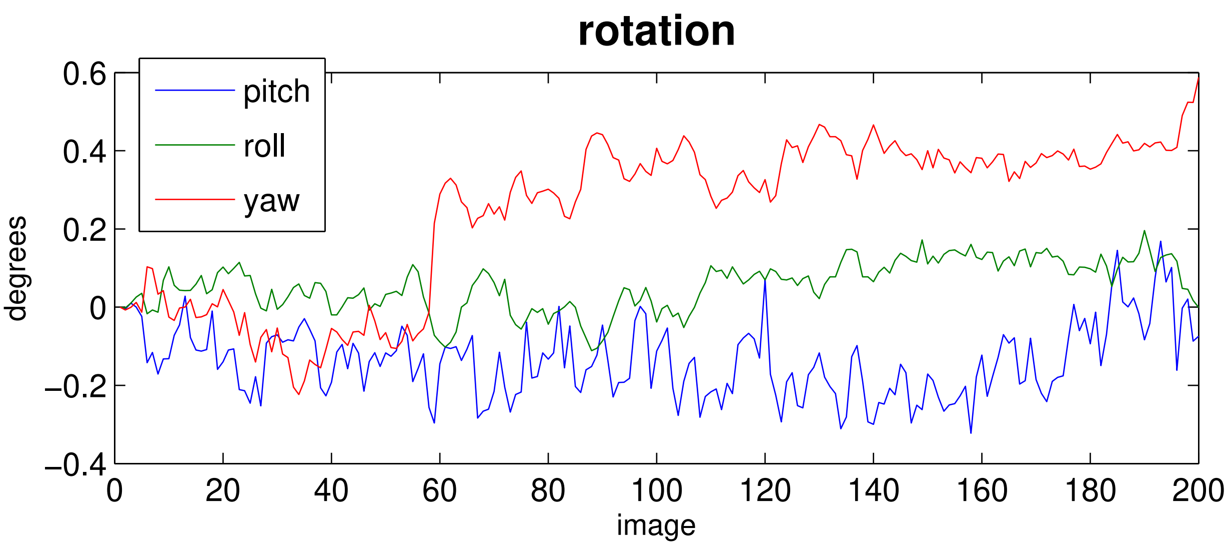
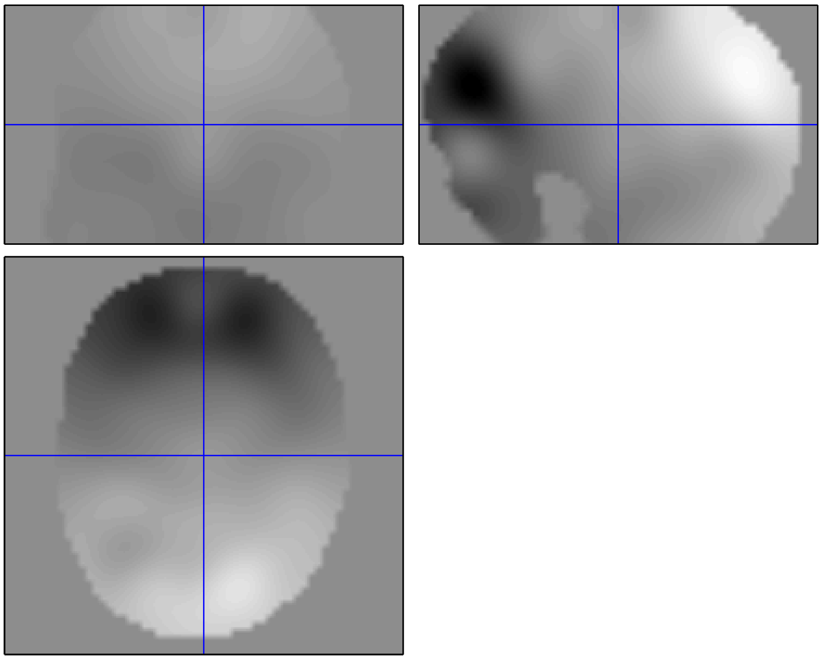

Residual error
x 10^7
9
8.5
8
7.5
1
2
3
4
5
Movement parameters
1
0.5
0
−0.5
−1
0
50
100
150
200

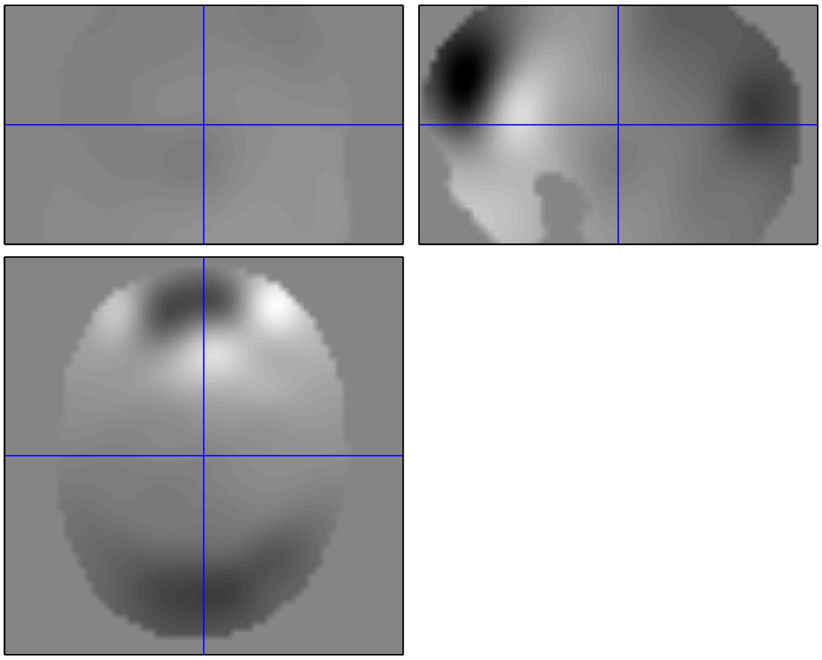
Image realignment

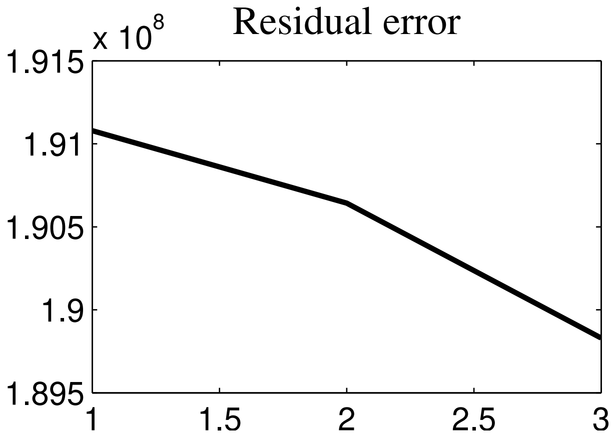
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/157_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/157_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/157_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/157_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/157_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/157_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/157_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/157_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/157_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/157_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/157_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/157_Brai
.... etc



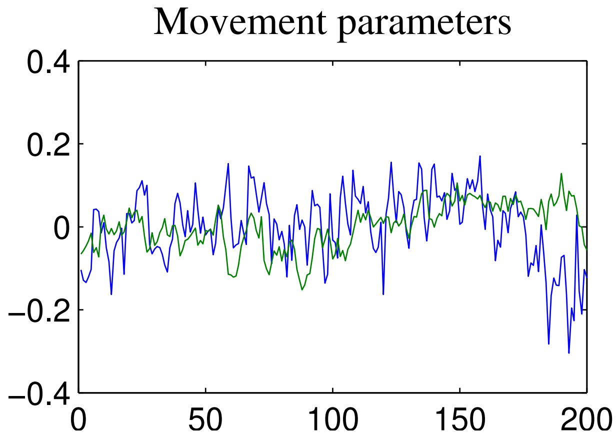








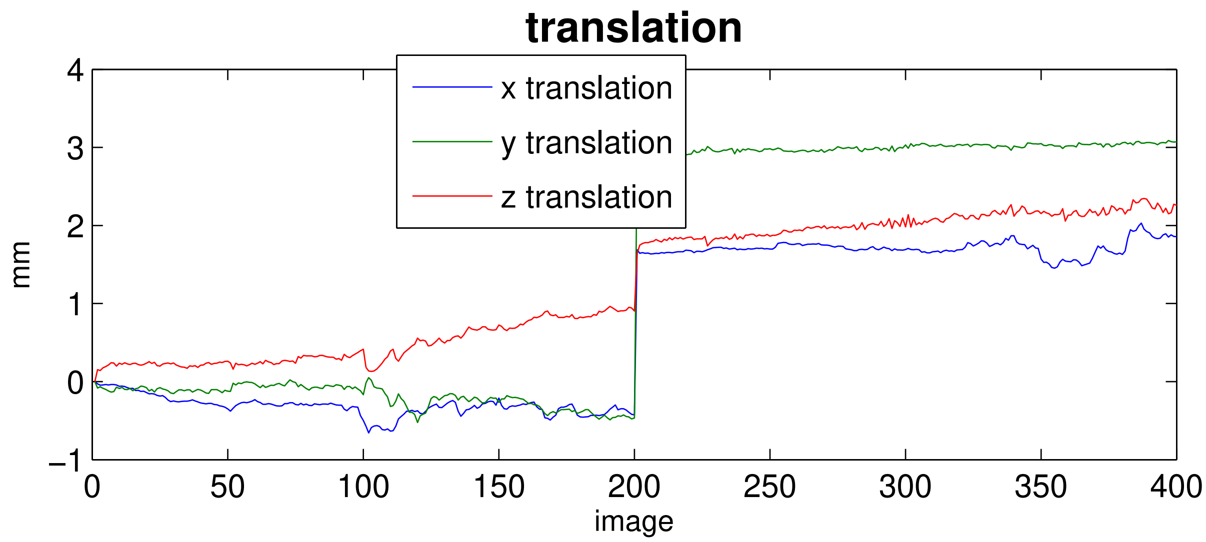
Residual error
x 10^8
1.915
1.91
1.905
1.9
1.895
1
1.5
2
2.5
3

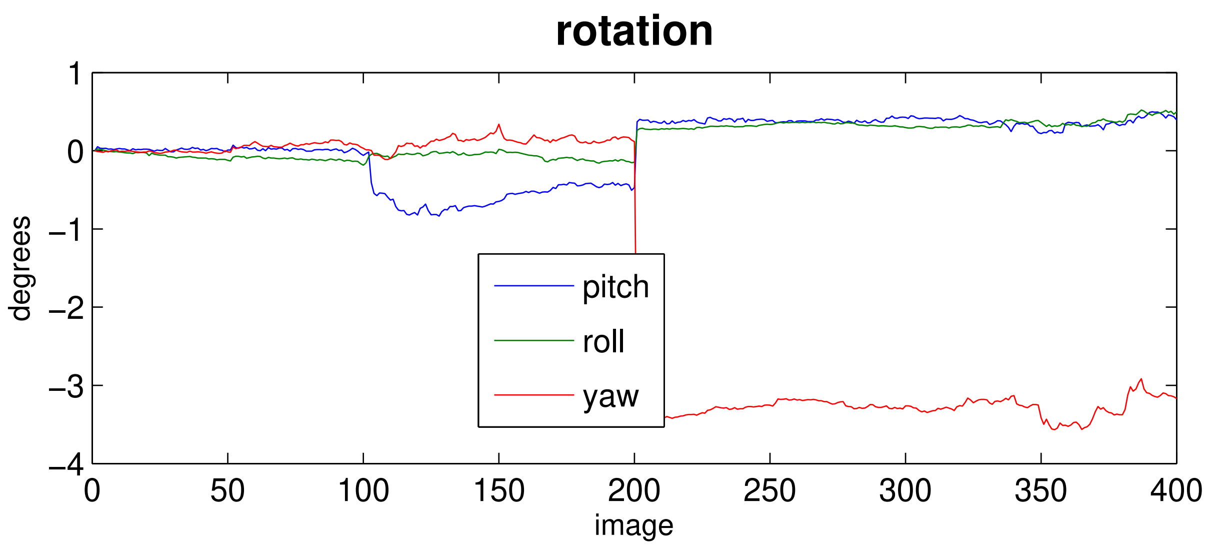


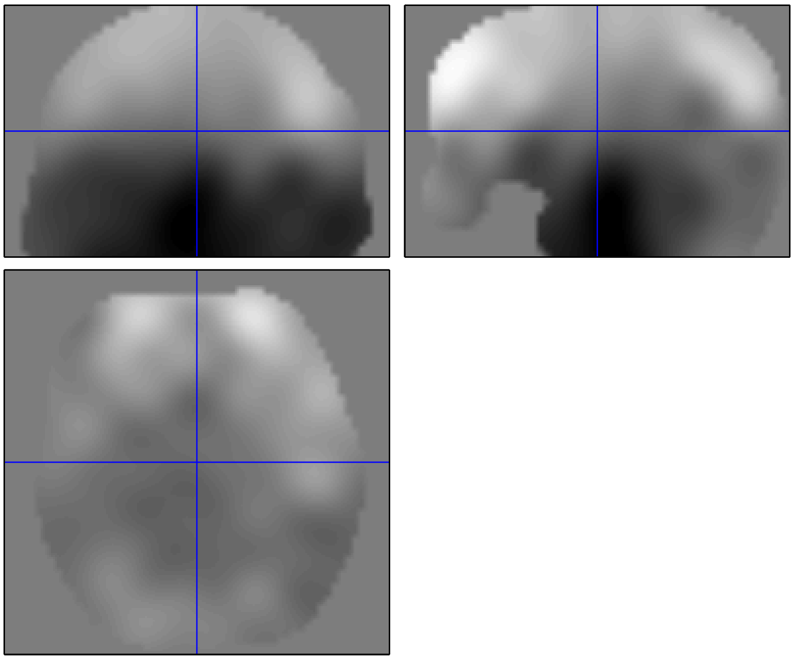
Movement parameters
0.4
0.2
0
−0.2
−0.4
0
50
100
150
200

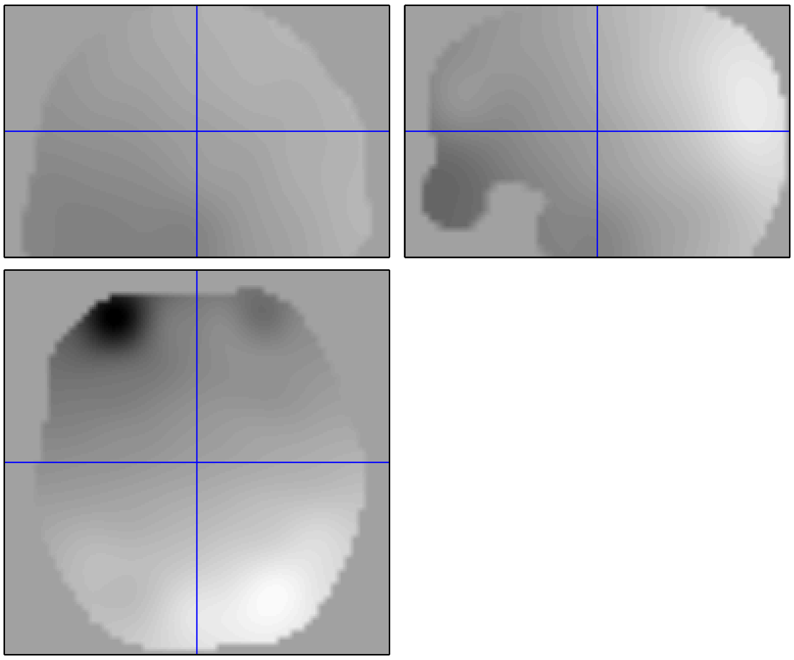
Image realignment

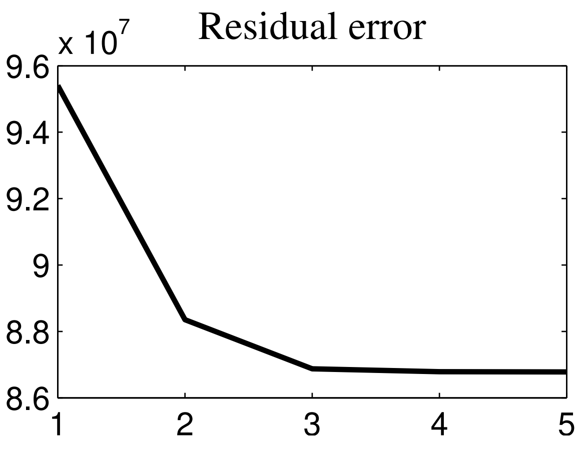
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/158_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/158_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/158_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/158_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/158_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/158_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/158_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/158_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/158_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/158_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/158_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/158_Brai
.... etc

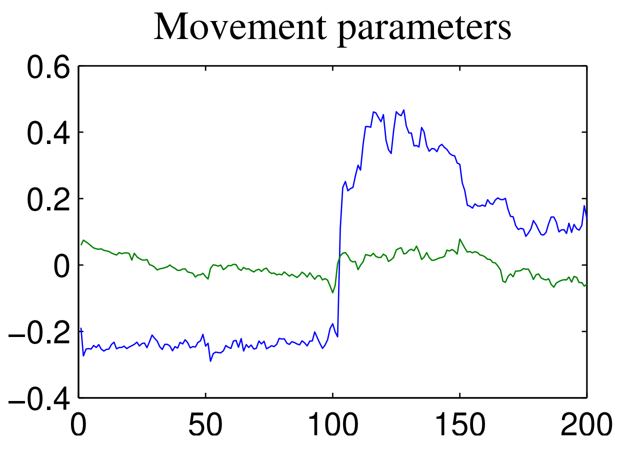


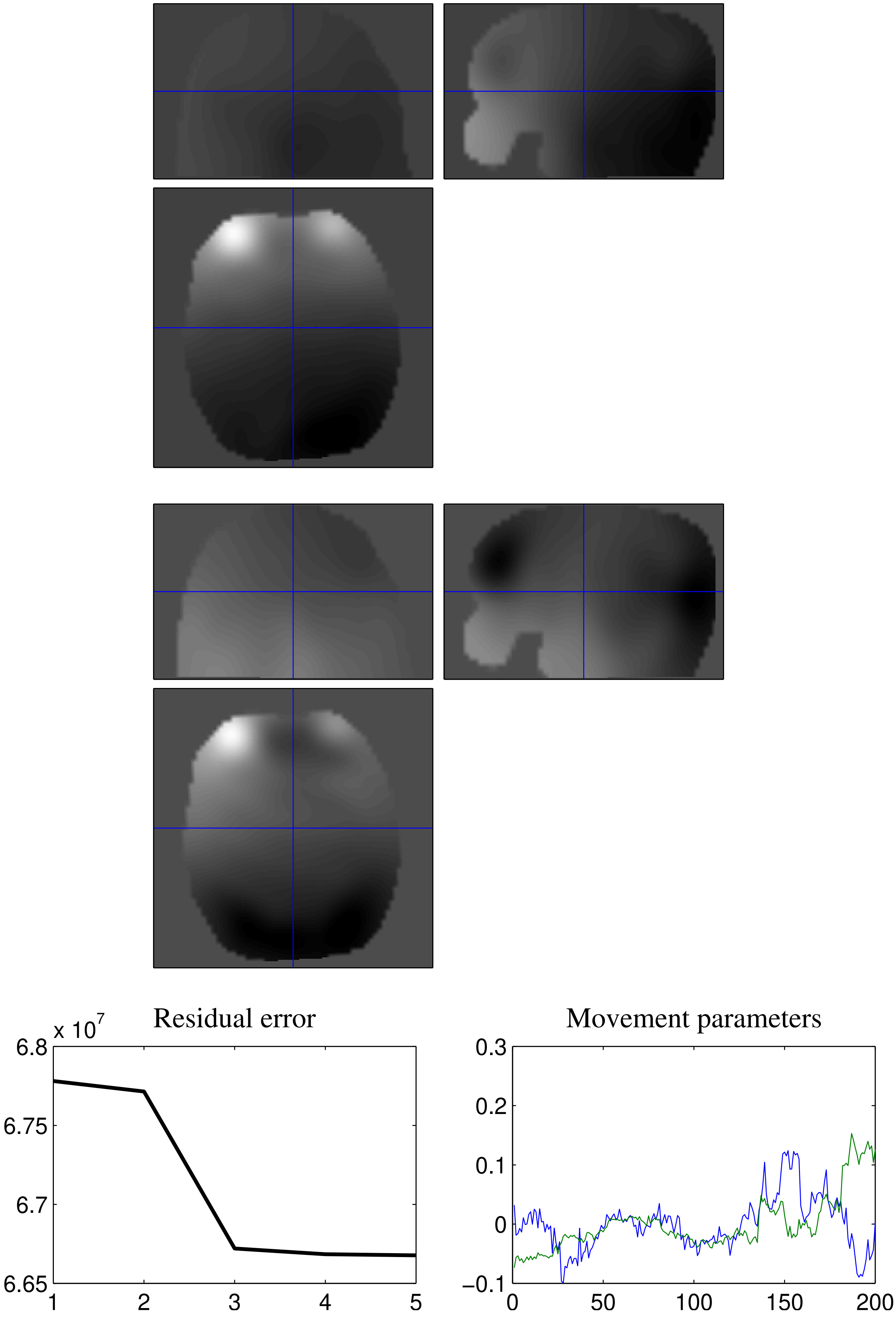







Residual error
x 10^7
9.6
9.4
9.2
9
8.8
8.6
1
2
3
4
5


Movement parameters
0.6
0.4
0.2
0
−0.2
−0.4
0
50
100
150
200

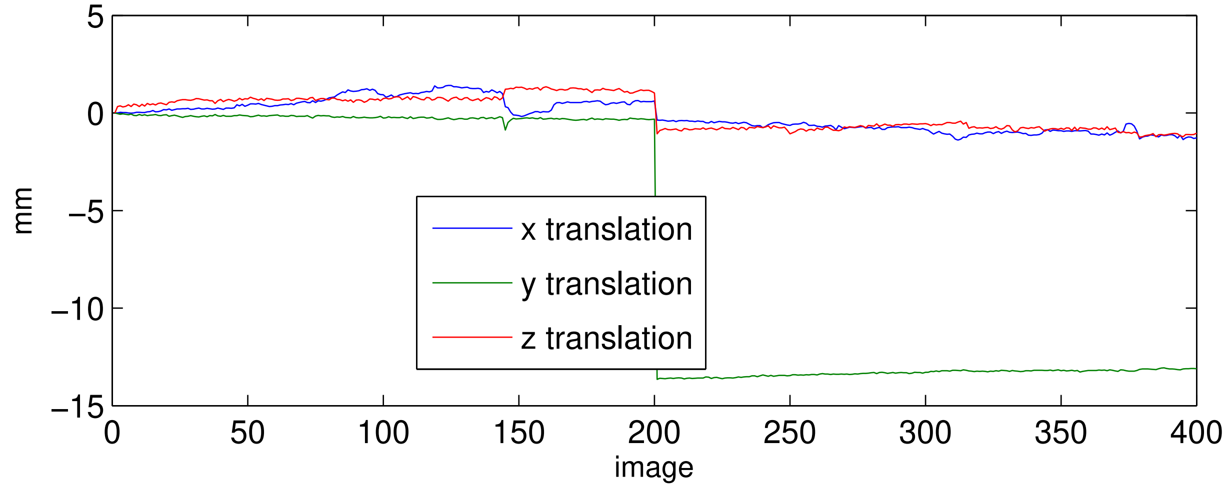


Residual error
x 10^7
6.8
6.75
6.7
6.65
1
2
3
4
5
Movement parameters
0.3
0.2
0.1
0
−0.1
0
50
100
150
200

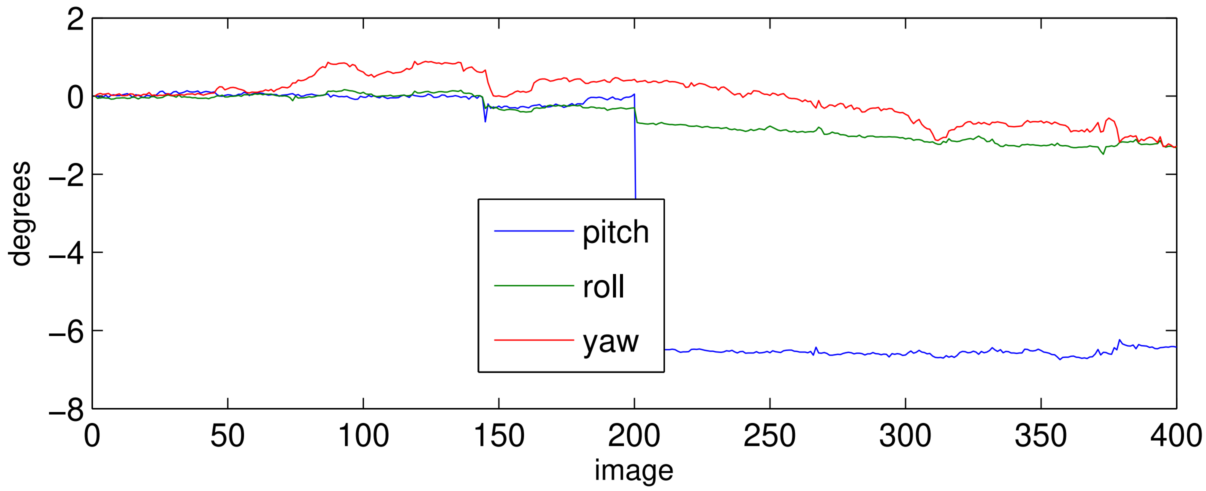
Image realignment

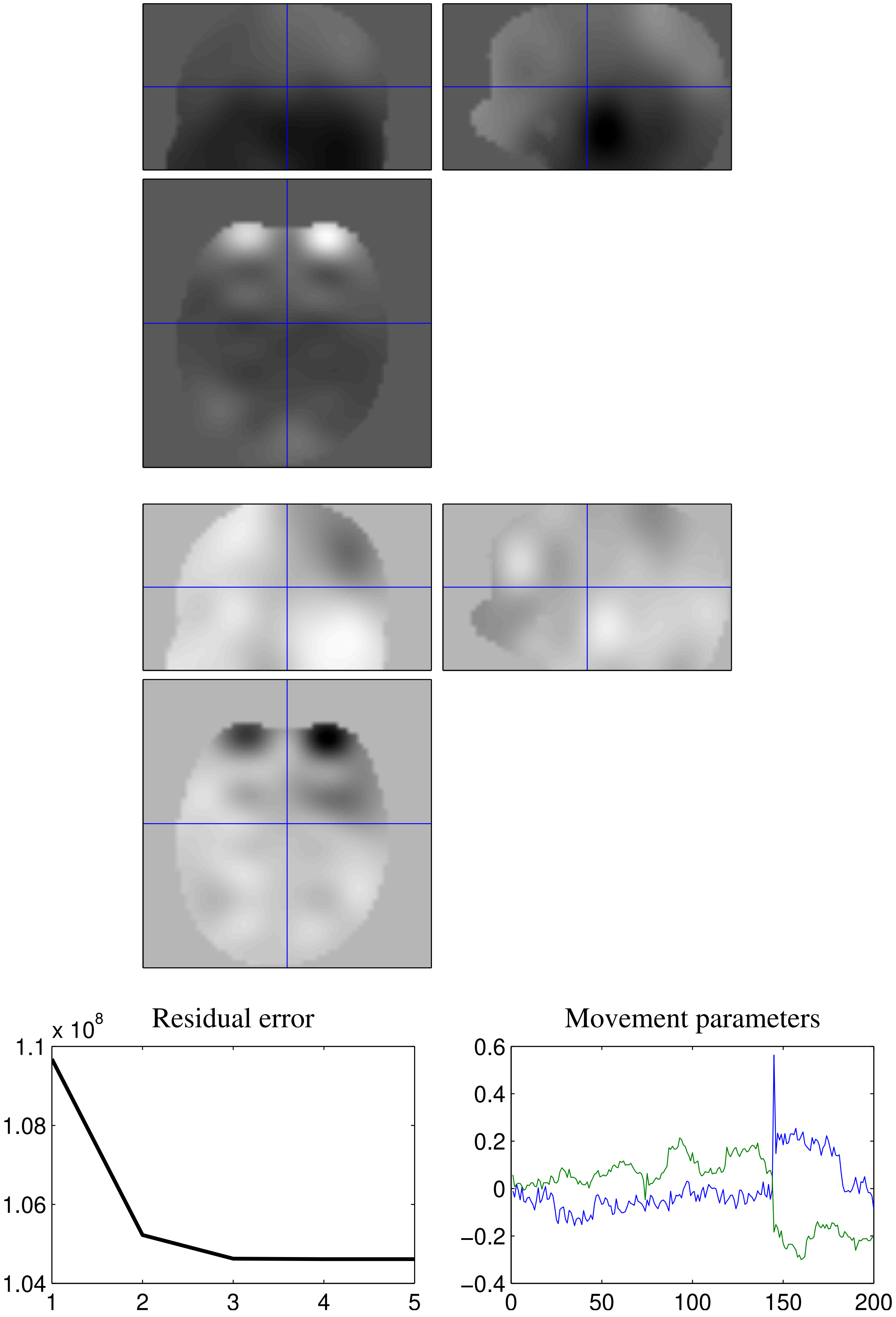
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/159_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/159_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/159_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/159_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/159_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/159_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/159_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/159_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/159_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/159_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/159_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/159_Brai
.... etc

translation

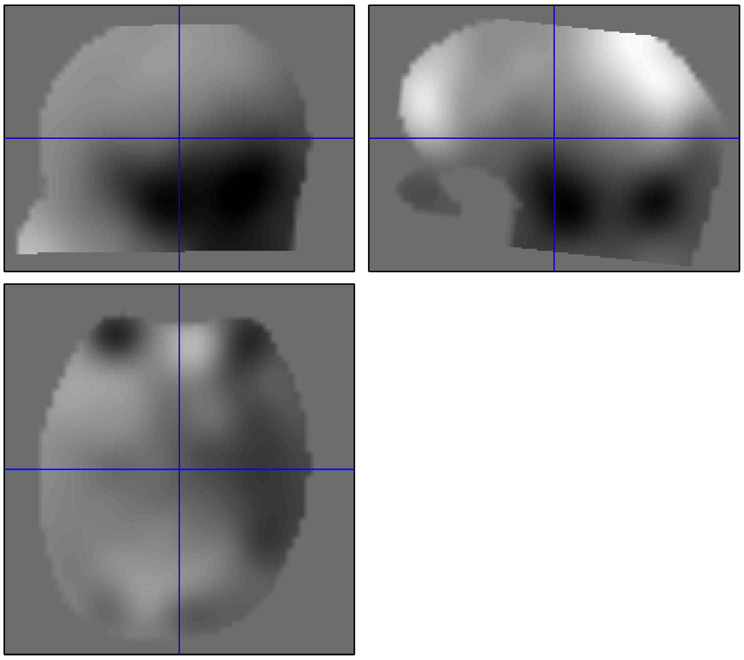


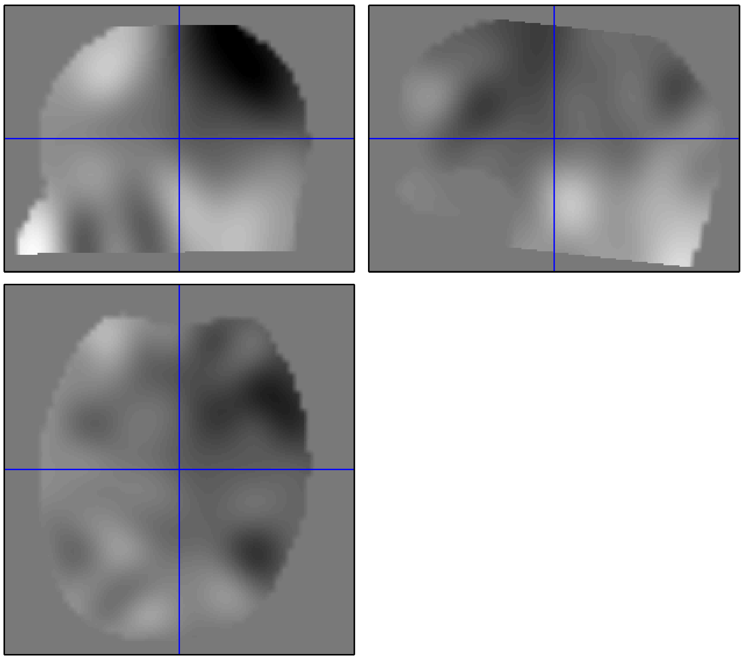
rotation

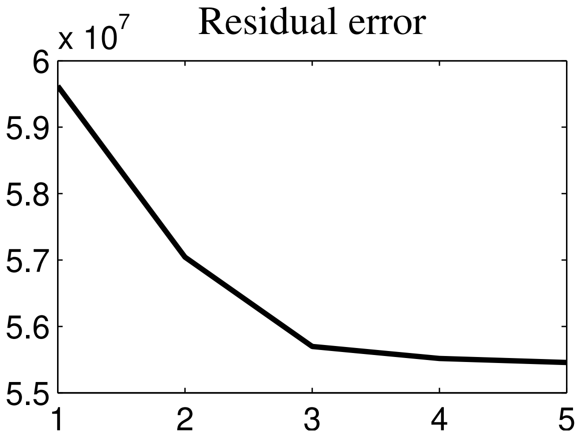




Residual error
x 10^8
1.1
1.08
1.06
1.04
1
2
3
4
5
Movement parameters
0.6
0.4
0.2
0
−0.2
−0.4
0
50
100
150
200






Residual error
x 10^7
6
5.9
5.8
5.7
5.6
5.5
1
2
3
4
5

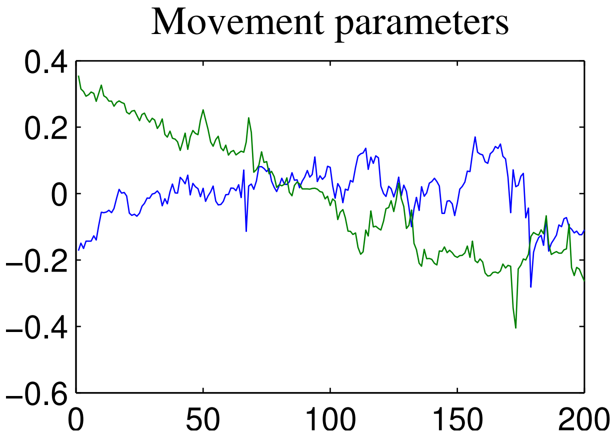
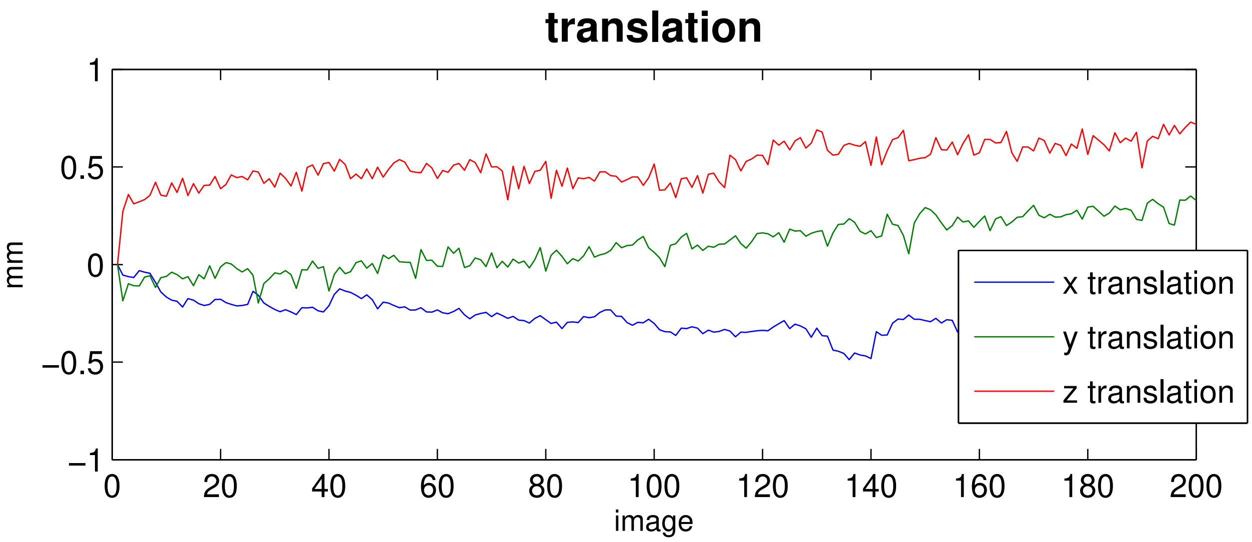
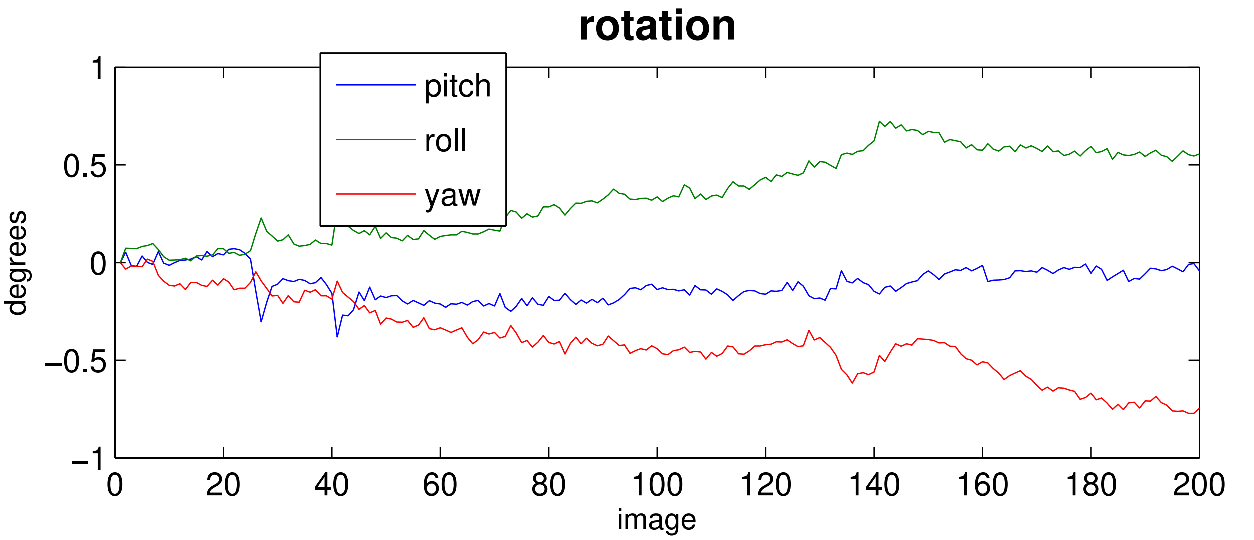
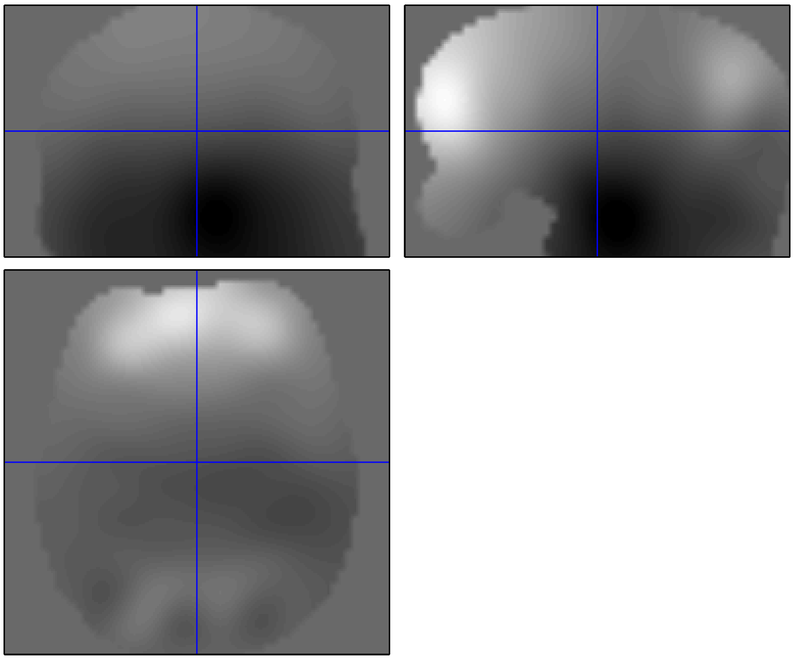

Movement parameters
0.4
0.2
0
−0.2
−0.4
−0.6
0
50
100
150
200

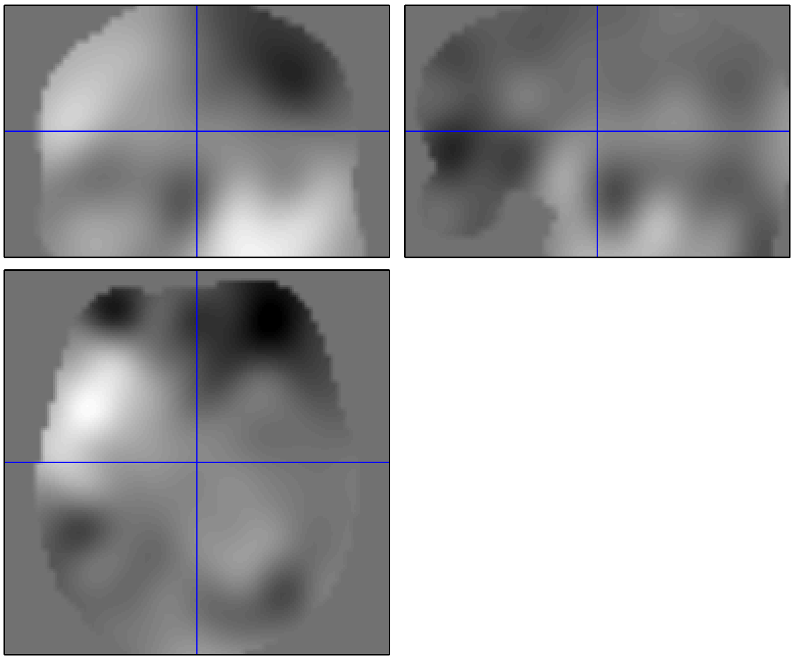
Image realignment

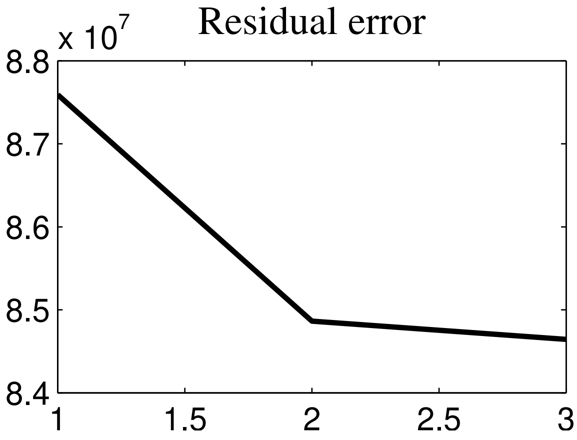
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/164_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/164_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/164_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/164_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/164_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/164_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/164_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/164_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/164_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/164_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/164_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/164_Brai
.... etc










Residual error
x 10^7
8.8
8.7
8.6
8.5
8.4
1
1.5
2
2.5
3

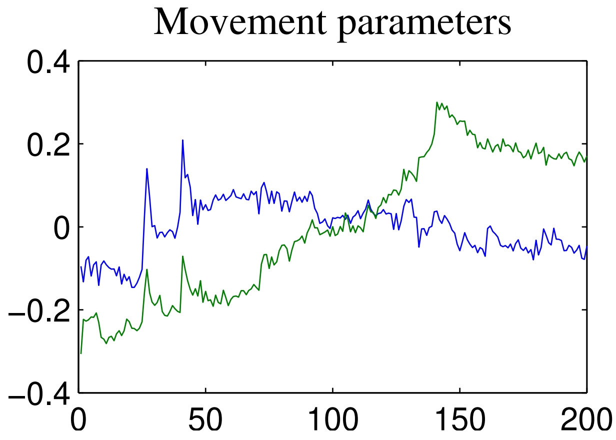
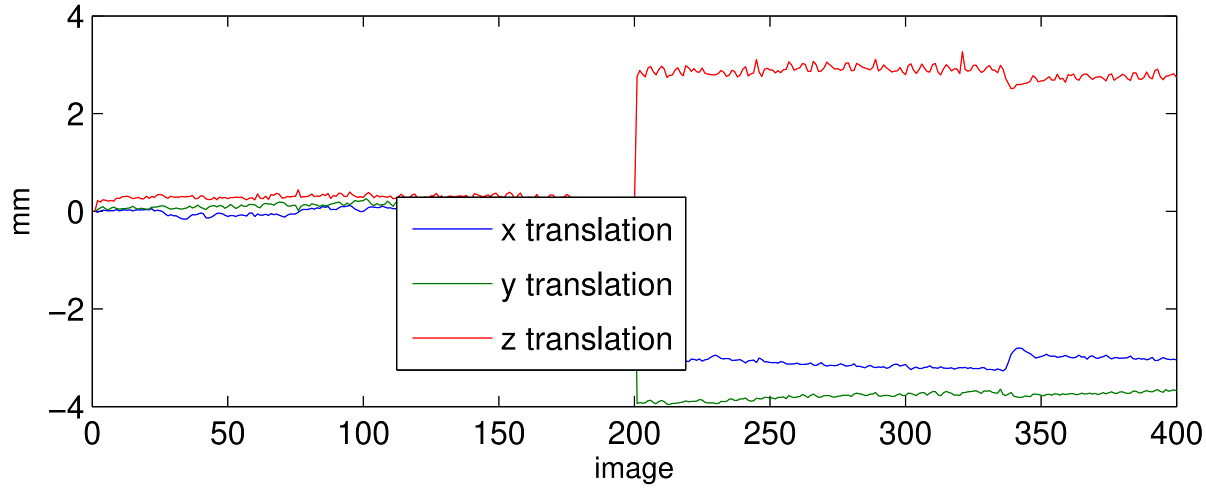

Movement parameters
0.4
0.2
0
−0.2
−0.4
0
50
100
150
200

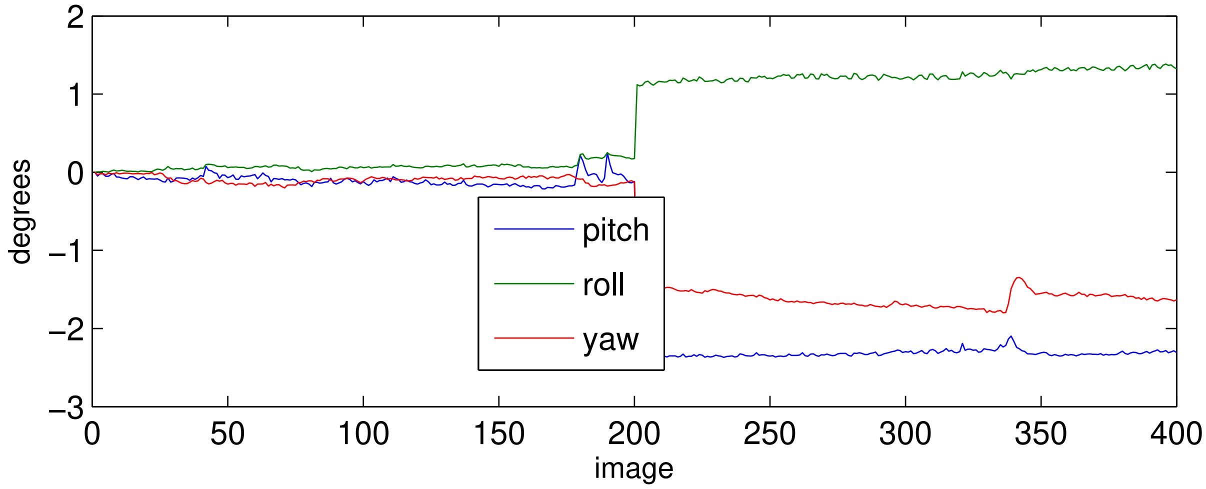
Image realignment

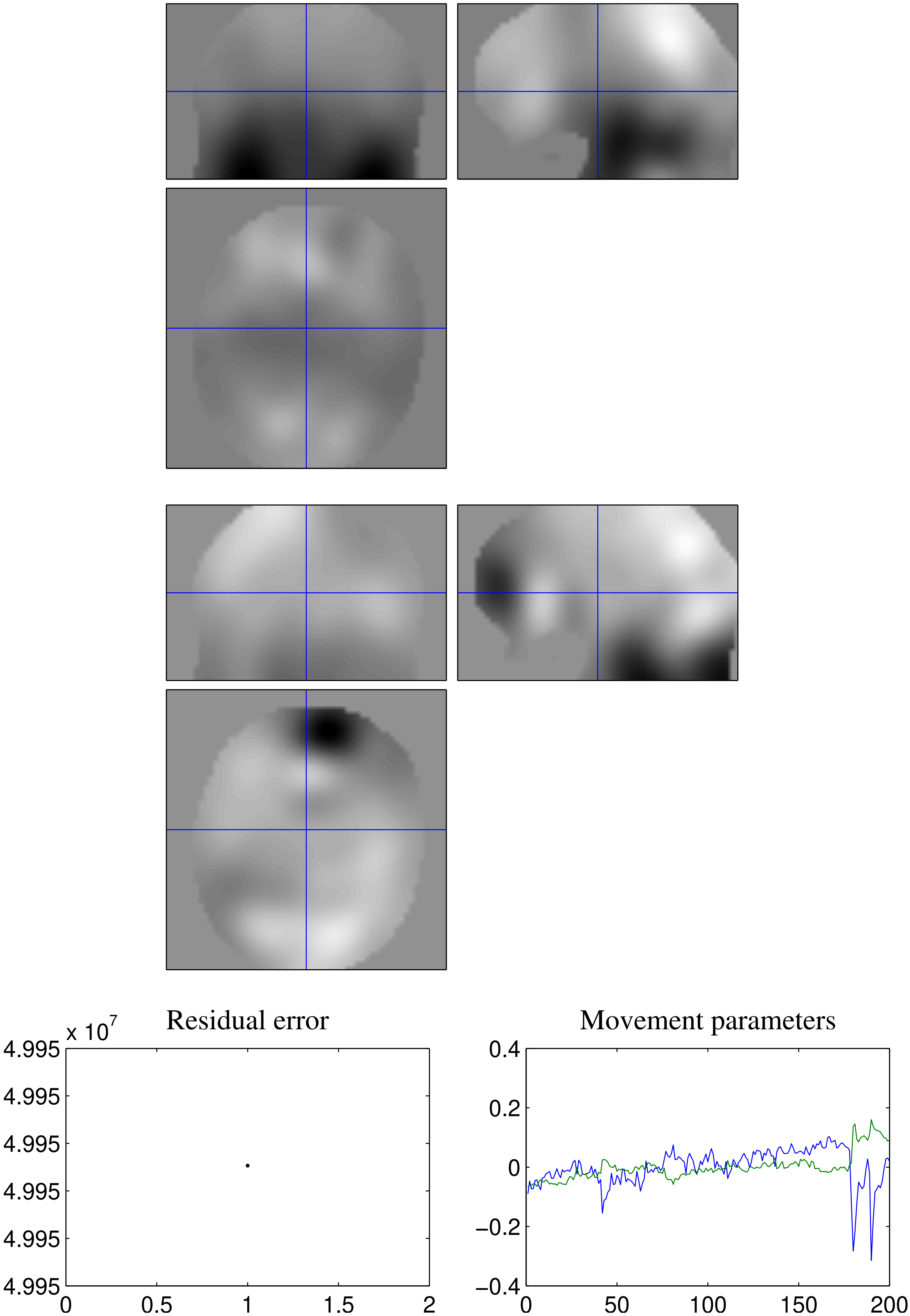
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/165_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/165_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/165_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/165_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/165_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/165_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/165_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/165_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/165_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/165_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/165_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/165_Brai
.... etc

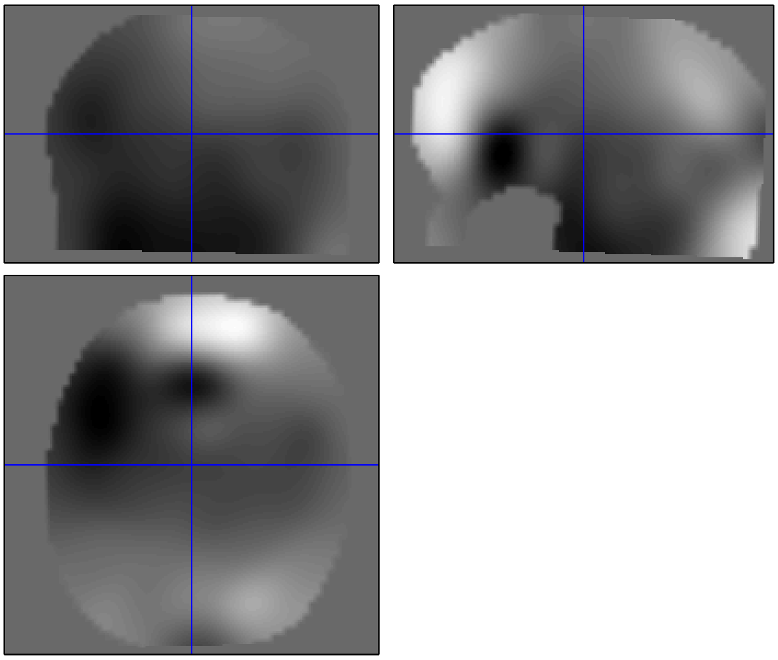
translation

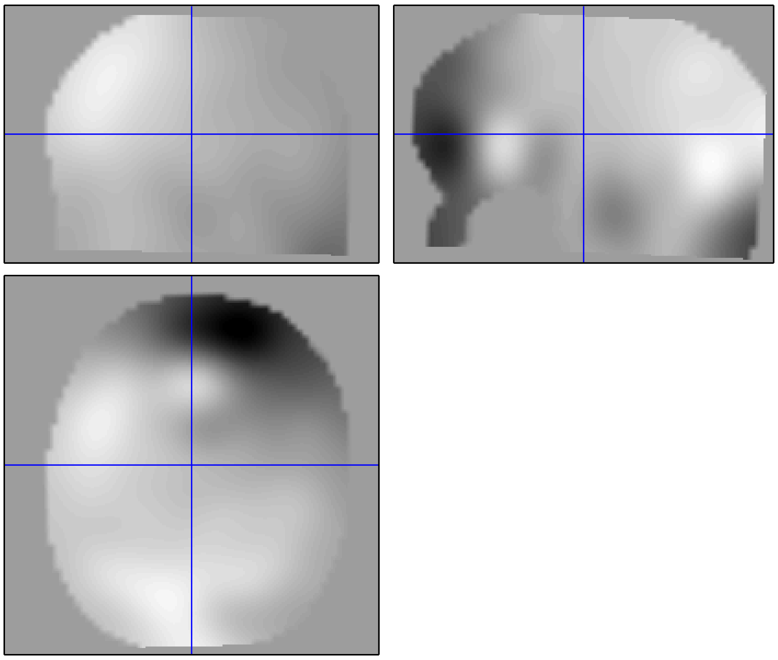


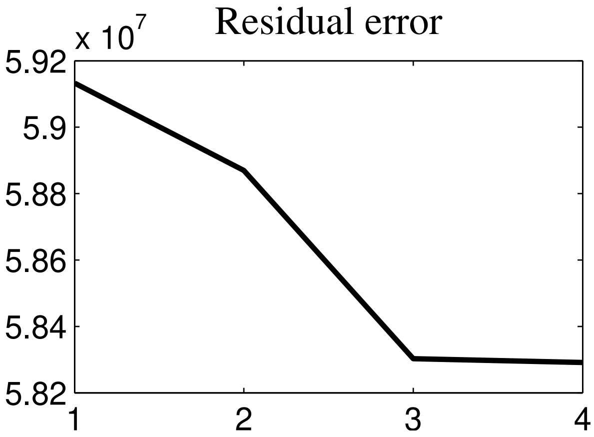
rotation




Residual error
x 10^7
4.995
4.995
4.995
4.995
4.995
4.995
0
0.5
1
1.5
2
Movement parameters
0.4
0.2
0
−0.2
−0.4
0
50
100
150
200






Residual error
x 10^7
5.92
5.9
5.88
5.86
5.84
5.82
1
2
3
4

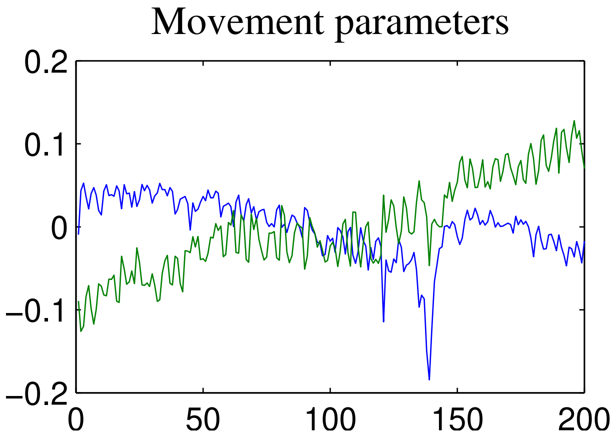
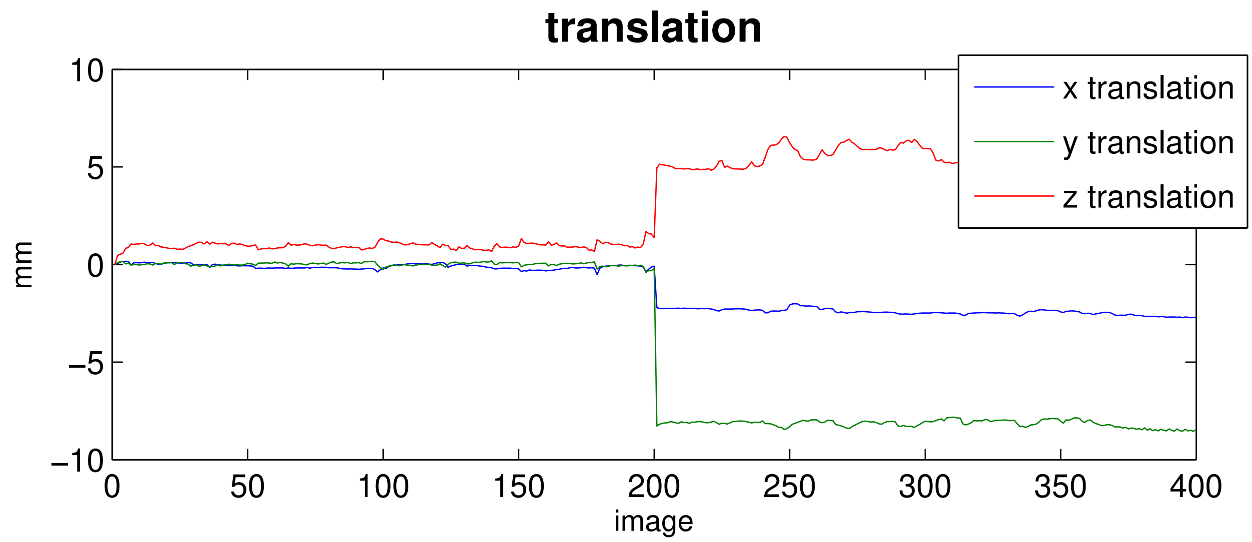
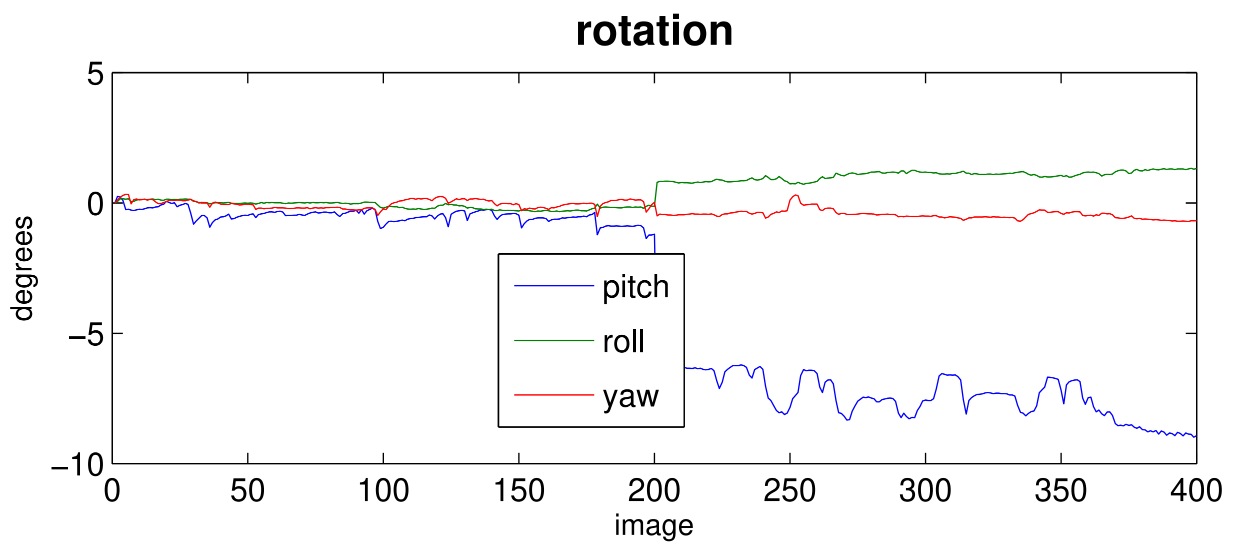
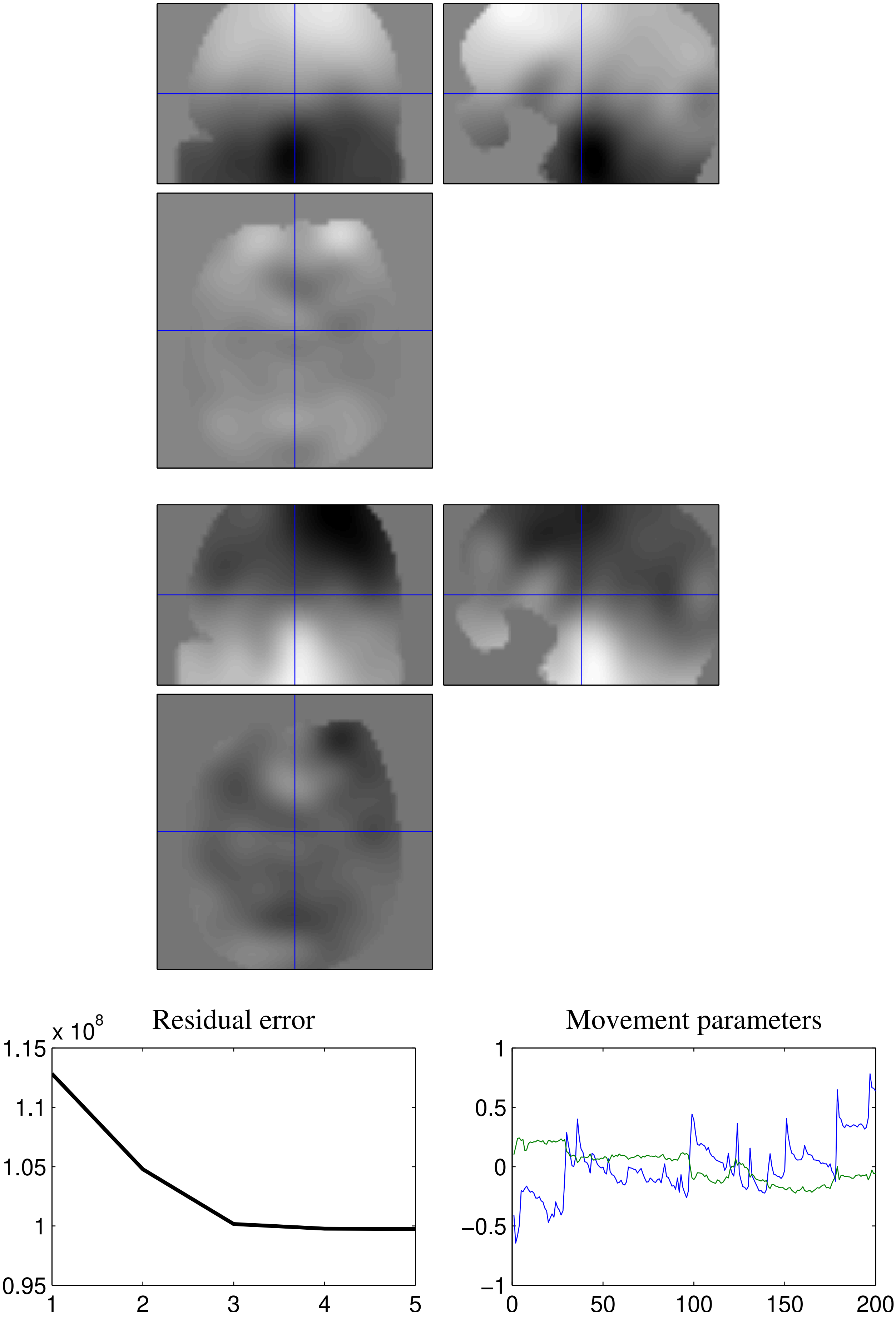

Movement parameters
0.2
0.1
0
−0.1
−0.2
0
50
100
150
200

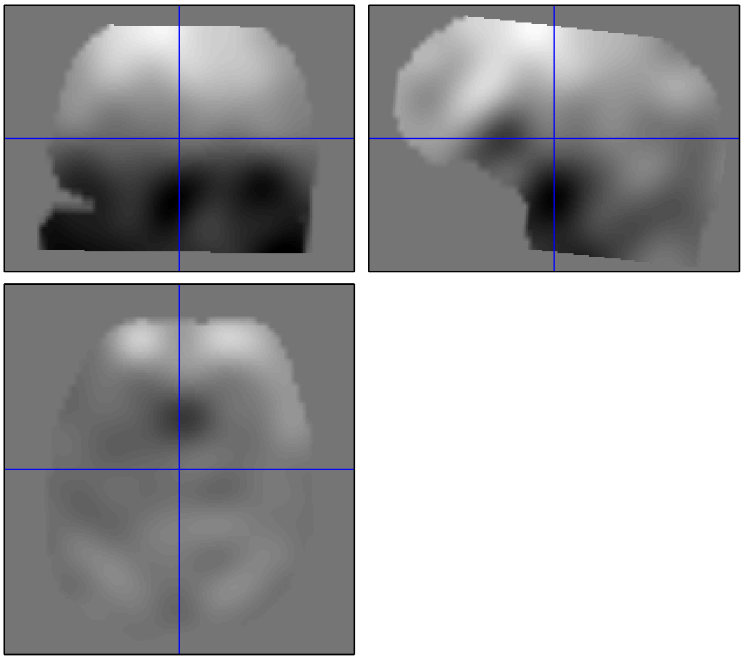
Image realignment

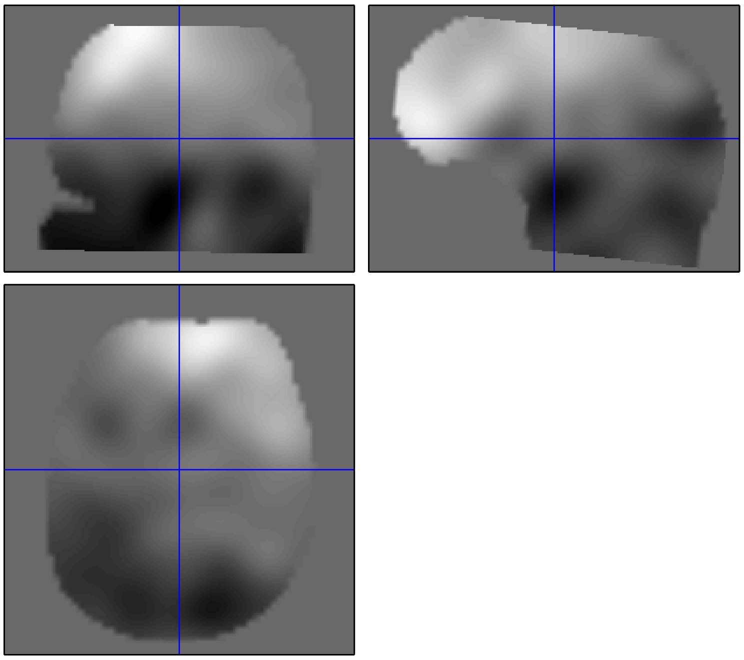
1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/142_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/142_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/142_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/142_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/142_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/142_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/142_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/142_Brair
9 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/142_Brair
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/142_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/142_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/142_Brai
.... etc

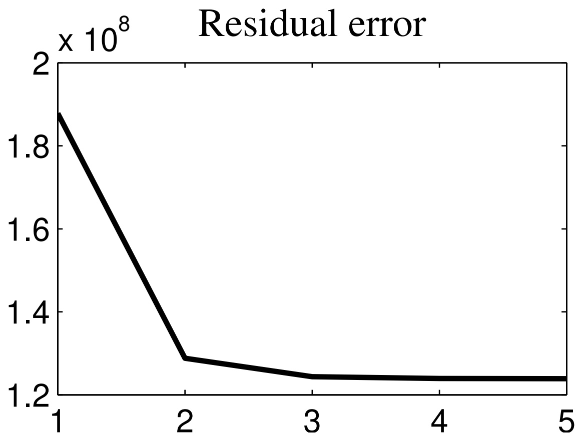





Residual error
x 10^8
1.15
1.1
1.05
1
0.95
1
2
3
4
5
Movement parameters
1
0.5
0
−0.5
−1
0
50
100
150
200






Residual error
x 10^8
2
1.8
1.6
1.4
1.2
1
2
3
4
5

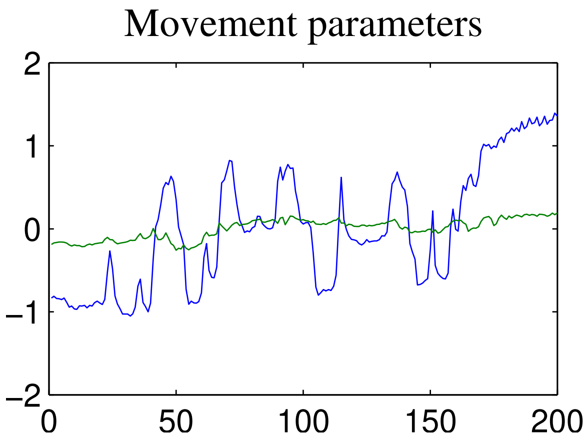

Movement parameters
2
1
0
−1
−2
0
50
100
150
200

Image realignment

1 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/139_Brair
2 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/139_Brair
3 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/139_Brair
4 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/139_Brair
5 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/139_Brair
6 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/139_Brair
7 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/139_Brair
8 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/139_Brair
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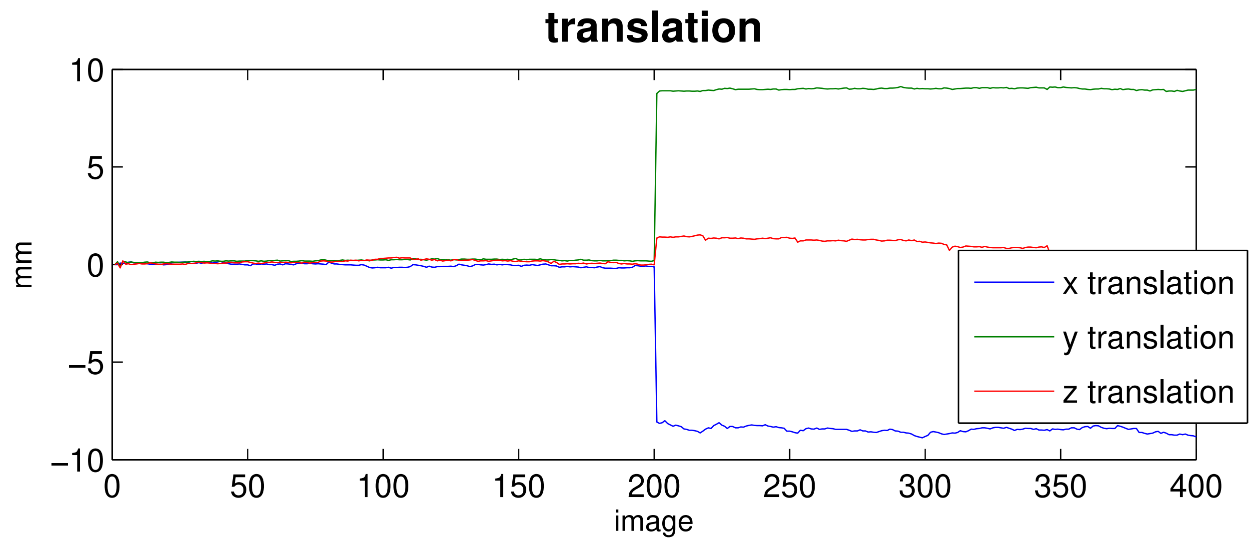
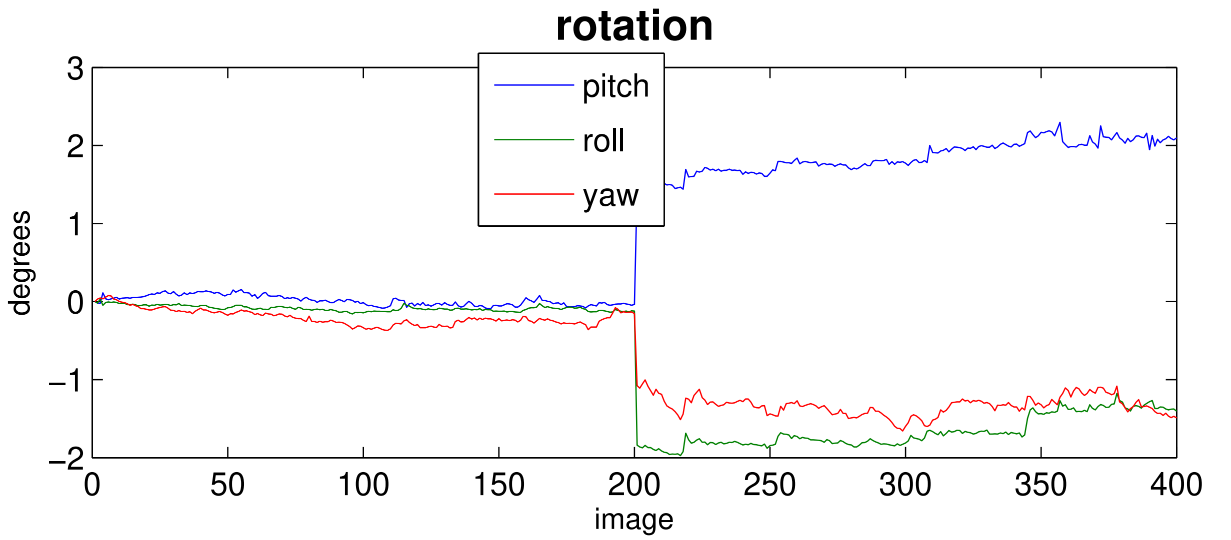
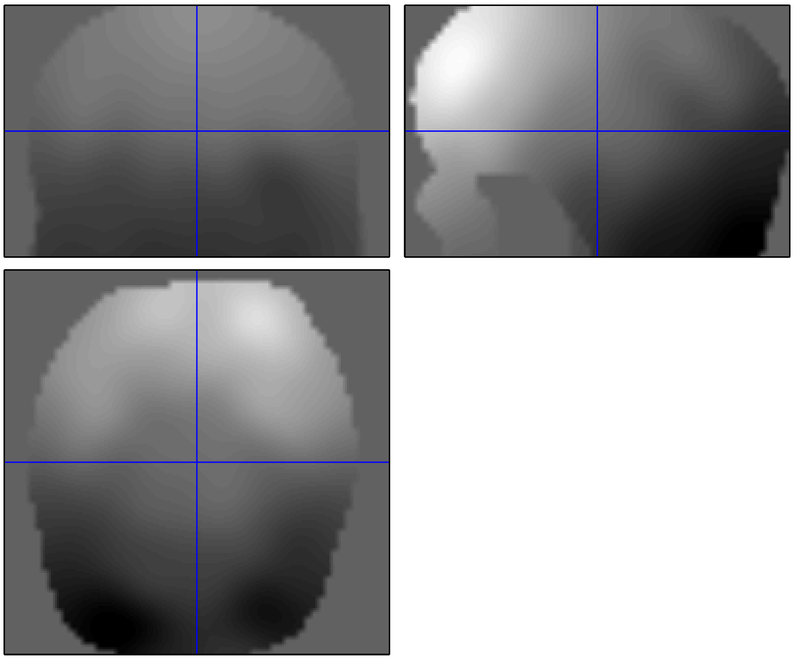
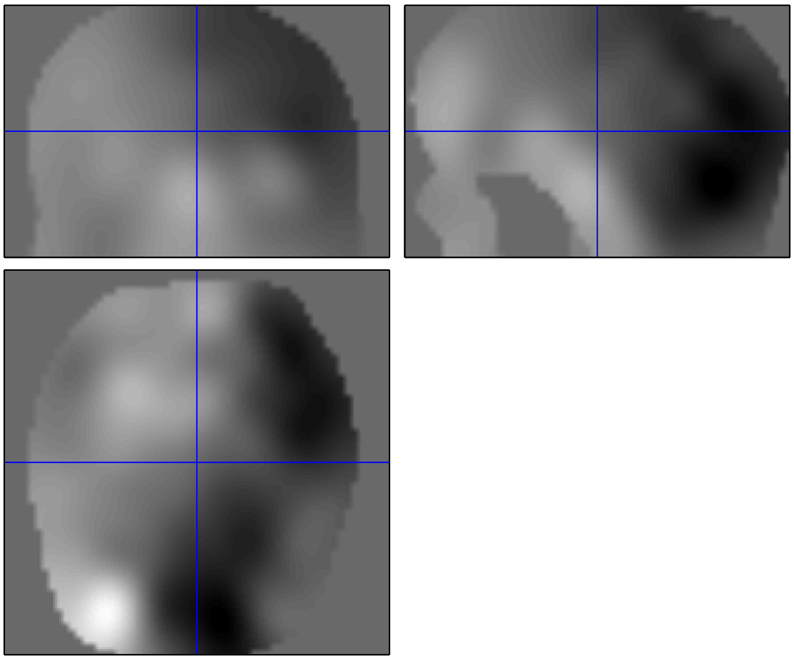
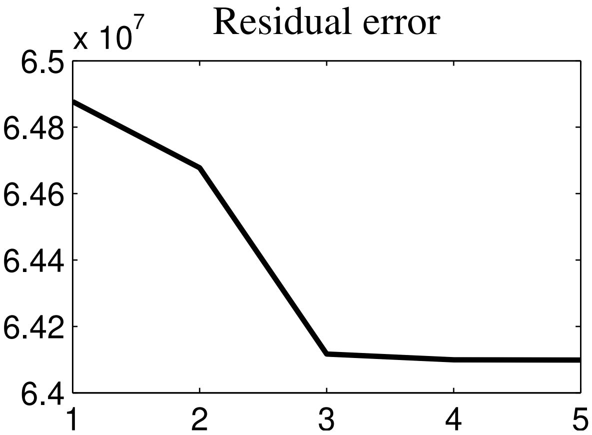
10 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/139_Brai
11 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/139_Brai
12 /dilab22/array03/dilab22_data26/VA_H35267_Testosterone_Replacement_Lab01/139_Brai
.... etc

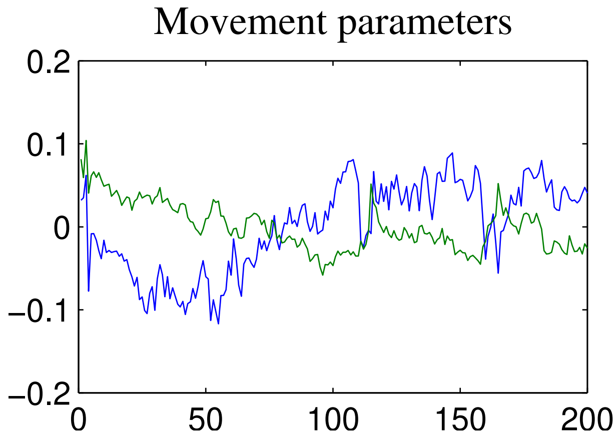


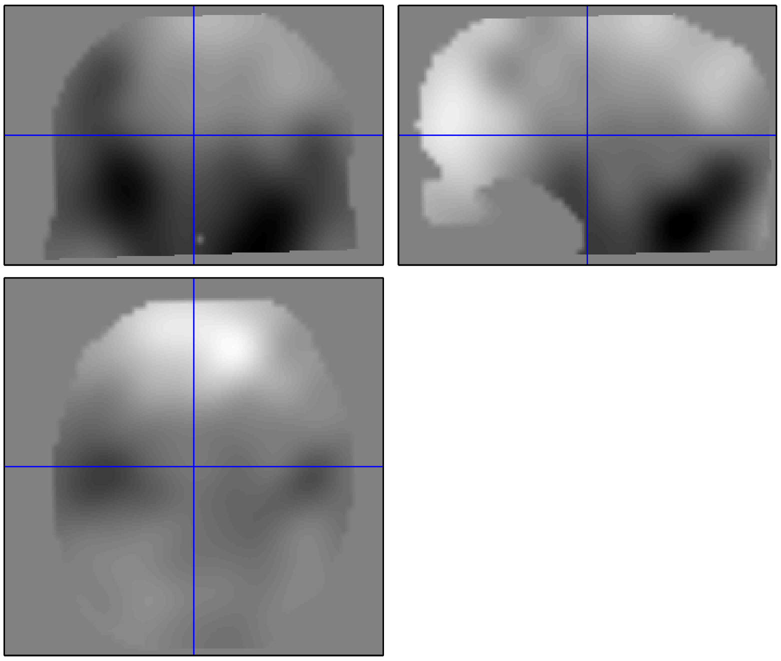


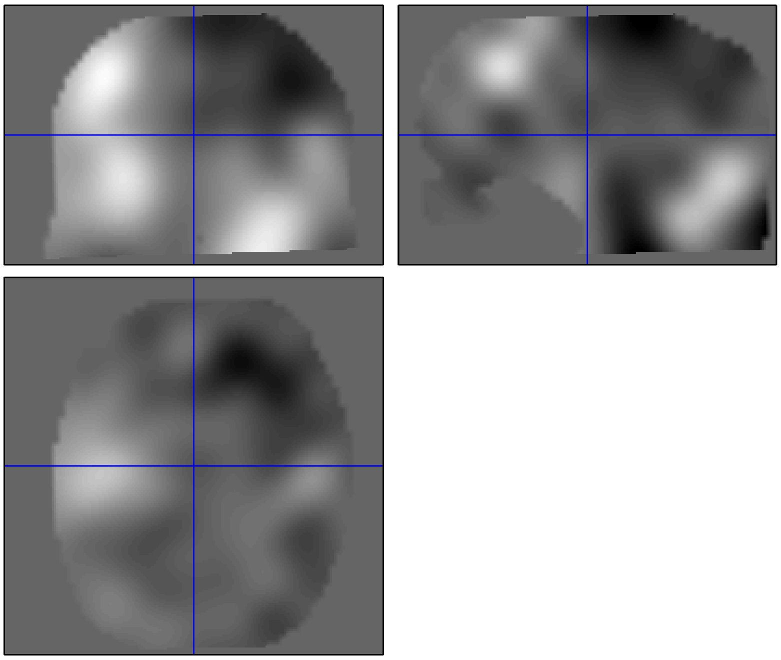


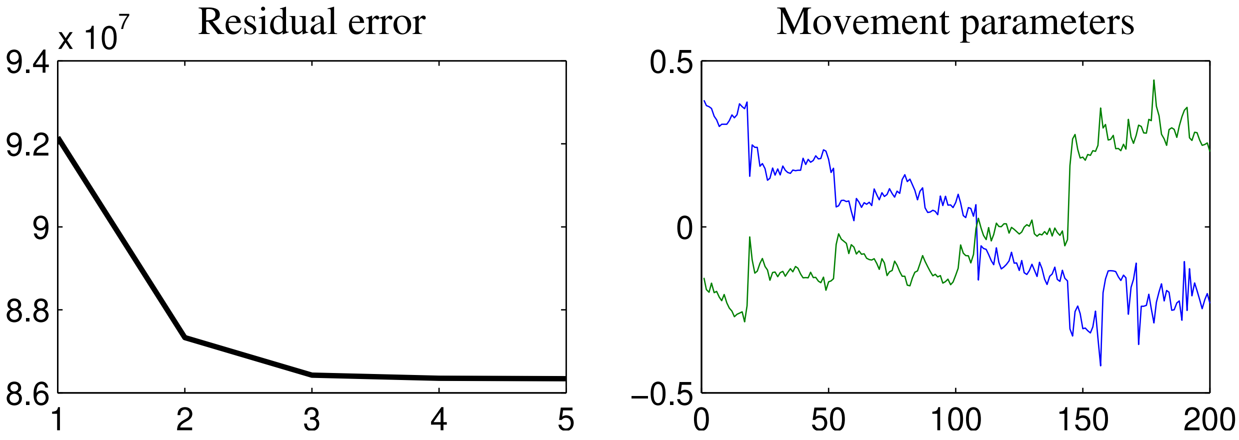



Residual error
x 10^7
6.5
6.48
6.46
6.44
6.42
6.4
1
2
3
4
5


Movement parameters
0.2
0.1
0
−0.1
−0.2
0
50
100
150
200






Residual error
x 10^7
9.4
9.2
9
8.8
8.6
1
2
3
4
5
Movement parameters
0.5
0
−0.5
0
50
100
150
200