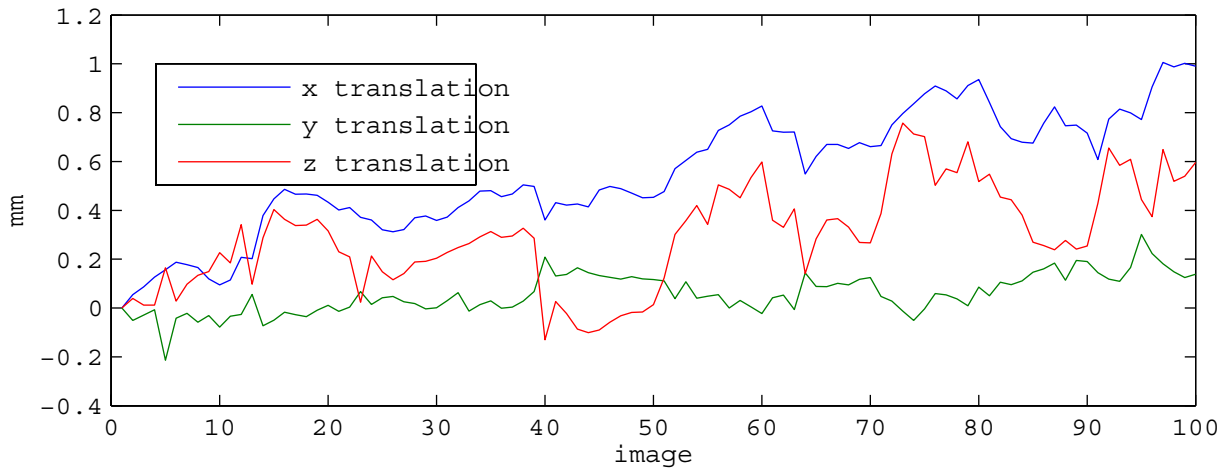


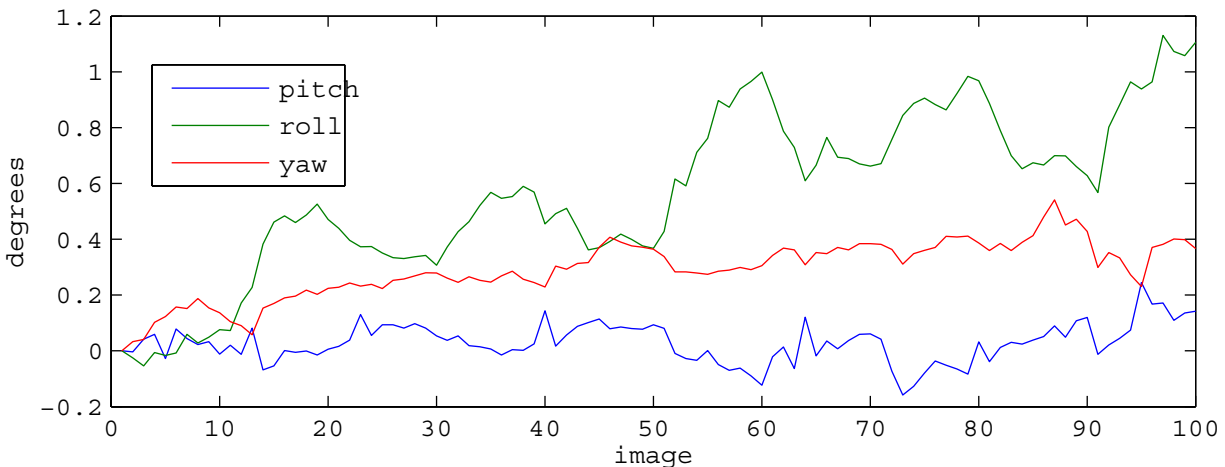
Image realignment

```
1 C:\Users\Bioingegneria\Desktop\PhD\fmRI\casellato et al\lavota pos
2 C:\Users\Bioingegneria\Desktop\PhD\fmRI\casellato et al\lavota pos
3 C:\Users\Bioingegneria\Desktop\PhD\fmRI\casellato et al\lavota pos
4 C:\Users\Bioingegneria\Desktop\PhD\fmRI\casellato et al\lavota pos
5 C:\Users\Bioingegneria\Desktop\PhD\fmRI\casellato et al\lavota pos
6 C:\Users\Bioingegneria\Desktop\PhD\fmRI\casellato et al\lavota pos
7 C:\Users\Bioingegneria\Desktop\PhD\fmRI\casellato et al\lavota pos
8 C:\Users\Bioingegneria\Desktop\PhD\fmRI\casellato et al\lavota pos
9 C:\Users\Bioingegneria\Desktop\PhD\fmRI\casellato et al\lavota pos
10 C:\Users\Bioingegneria\Desktop\PhD\fmRI\casellato et al\lavota pos
11 C:\Users\Bioingegneria\Desktop\PhD\fmRI\casellato et al\lavota pos
12 C:\Users\Bioingegneria\Desktop\PhD\fmRI\casellato et al\lavota pos
..... etc
```

translation



rotation



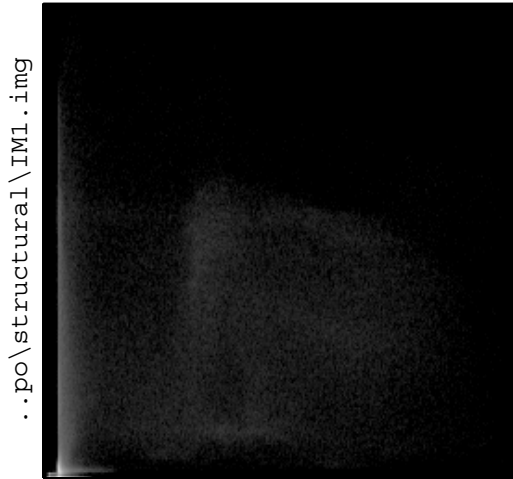
Normalised Mutual Information Coregistration

$$X1 = 0.531*X + 0.037*Y + 0.074*Z - 18.785$$

$$Y1 = -0.031*X + 0.538*Y - 0.027*Z + 1.387$$

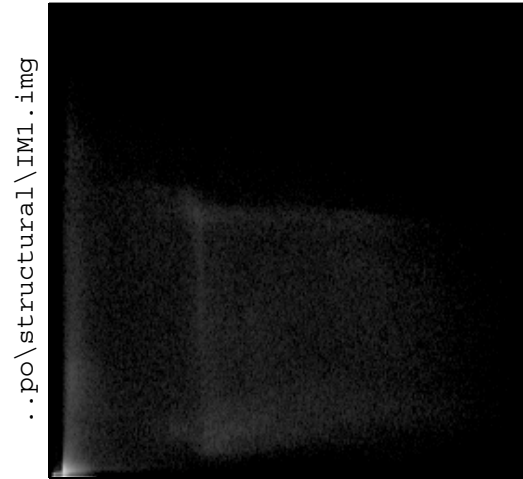
$$Z1 = -0.045*X + 0.013*Y + 0.196*Z - 17.136$$

Original Joint Histogram



..\meanLAVpostDX001.img

Final Joint Histogram



..\meanLAVpostDX001.img

