OneFootStanding_R_EO
Patient6
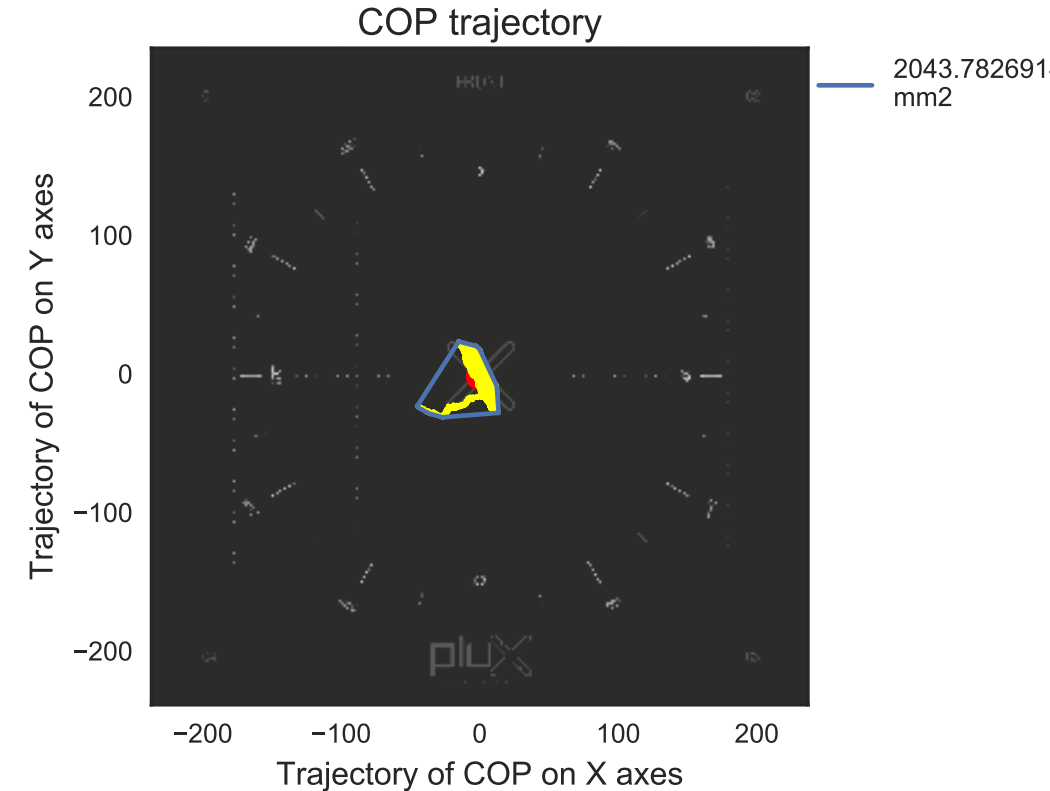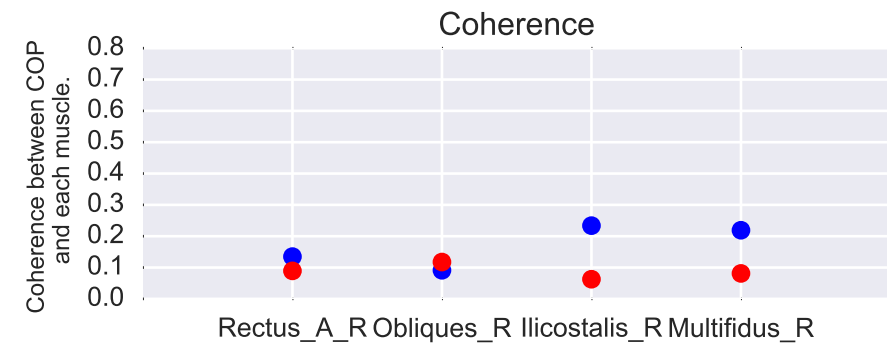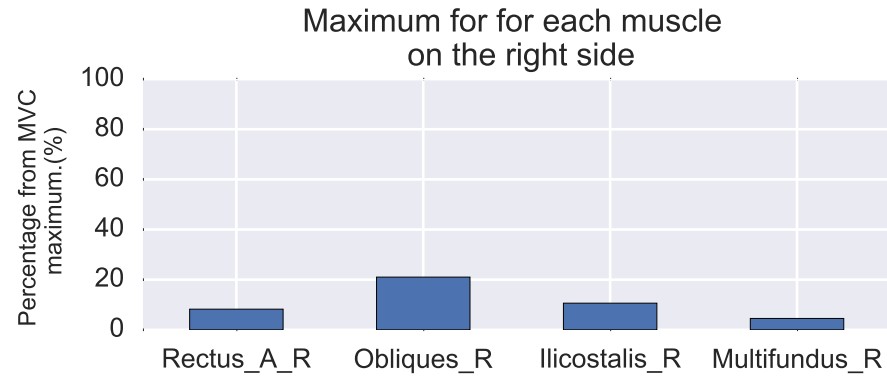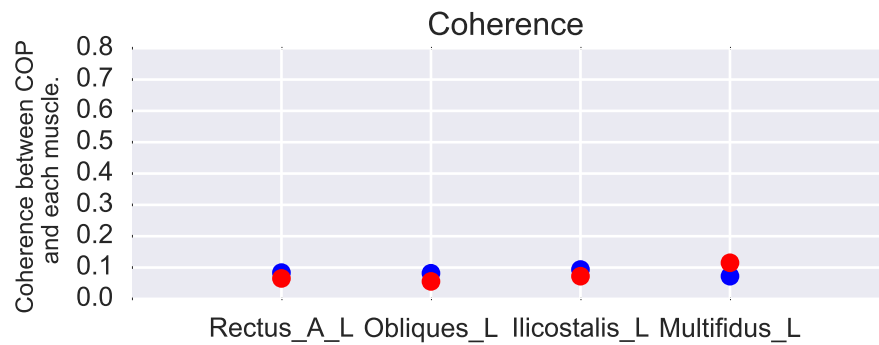
Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory

2043.78269149 mm2

Coherence

- COP X (blue)
- COP Y (red)
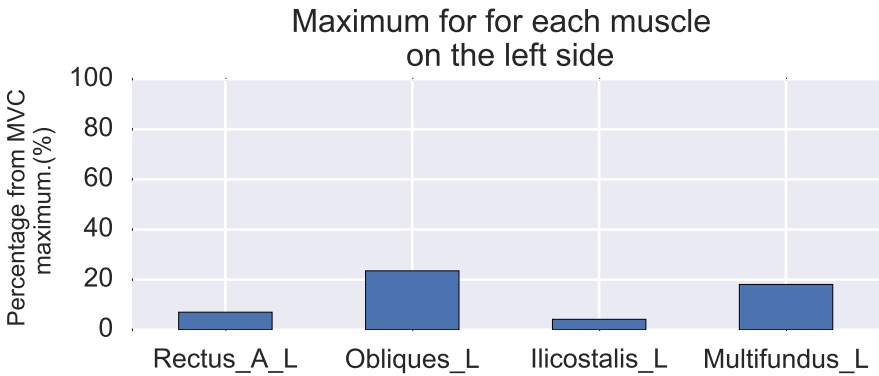
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	7.02273543826	8.22657594862
Obliques	23.5157690152	21.0166681656
Ilicostalis	4.17826162637	10.6190417733
Multifidus	18.0922735353	4.52566888462

Table 2 - Coherence of frequency signals between frequencys of 0 Hz to 40 Hz

	COP X	COP Y
Rectus_A_L	0.0838208290226	0.0652067059626
Obliques_L	0.081729785097	0.0557047676723
Ilicostalis_L	0.0936827033967	0.0723502054353
Multifidus_L	0.0723422798378	0.115173260674
Rectus_A_R	0.13490529829	0.0893340347779
Obliques_R	0.0912479228231	0.117566263716
Ilicostalis_R	0.233710827815	0.0626854171581
Multifidus_R	0.219012118125	0.0812151464097

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	1.5828849397	0.705312095508
Mean Point(mm)	-3.85019423751e-15	-2.42531920473e-16

Standing_EO
Patient6

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence

Coherence

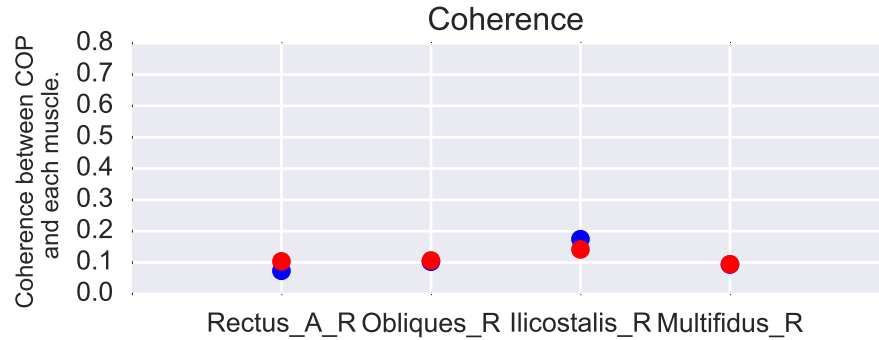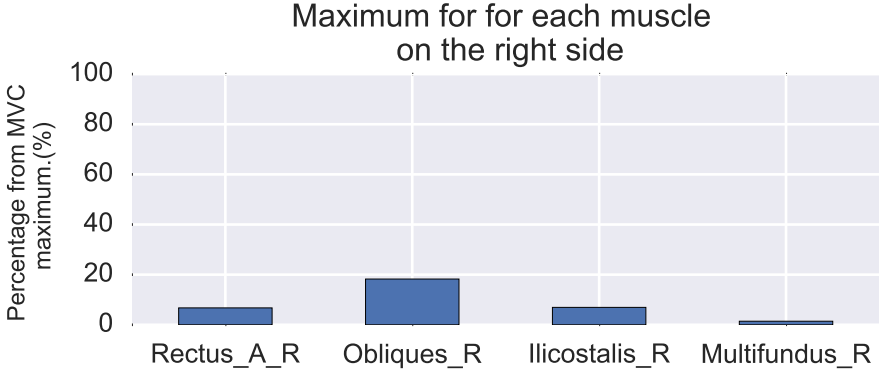### COP trajectory

167.283376264 mm2
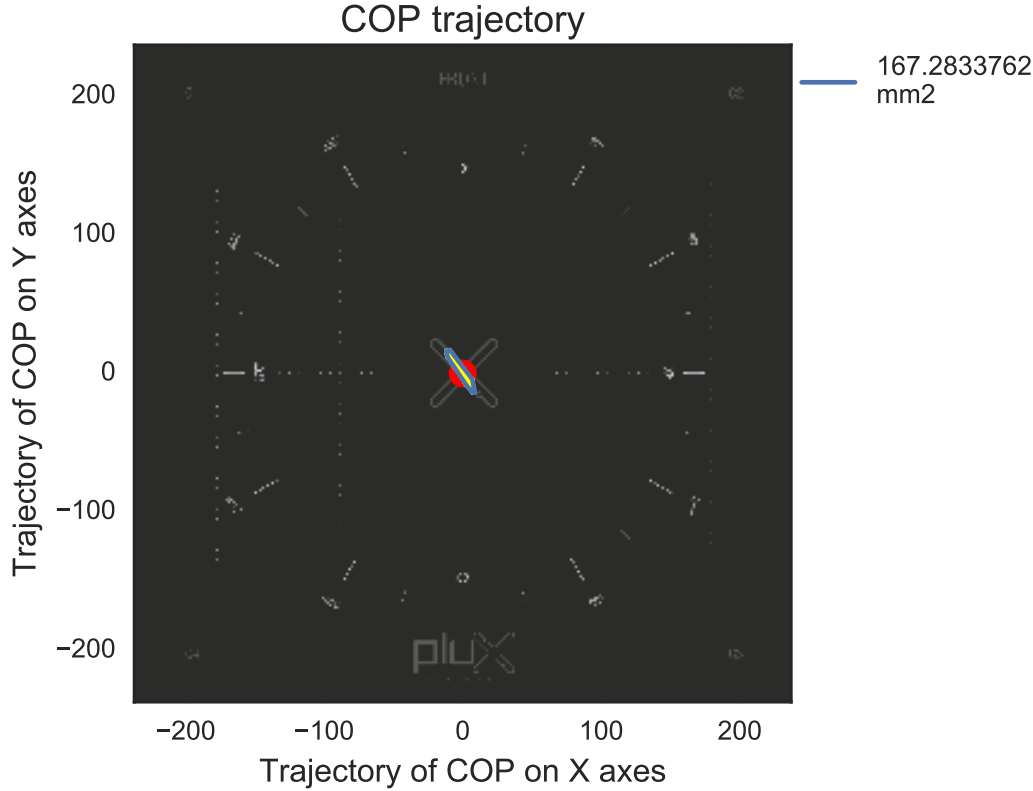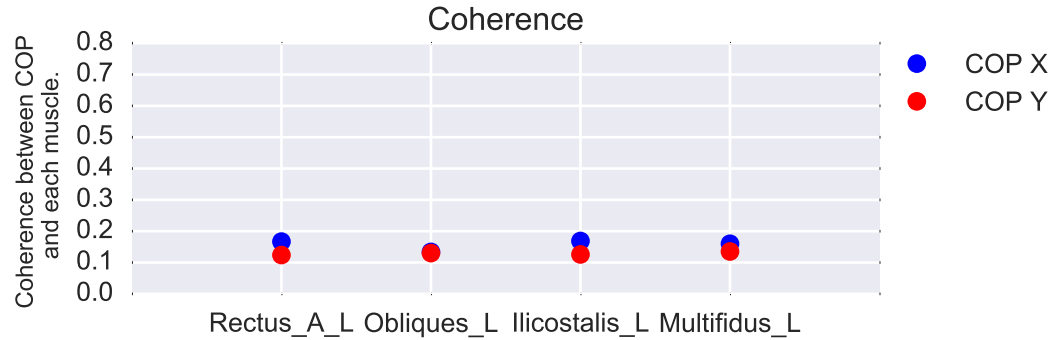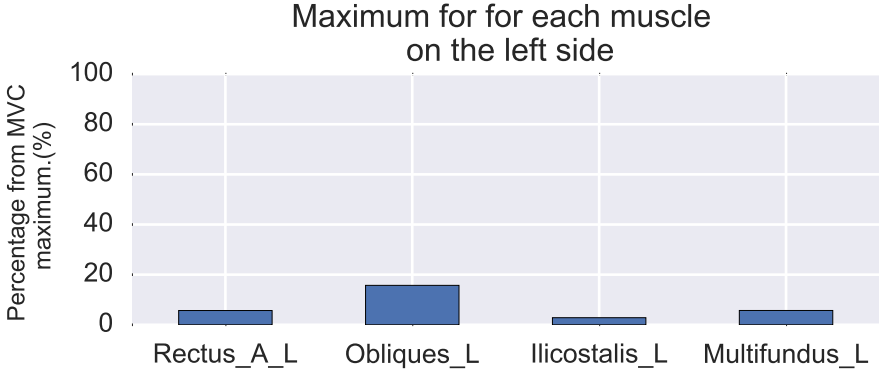
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	5.69150633809	6.74294156435
Obliques	15.7304384906	18.2523497917
Ilicostalis	2.82615239548	6.94550277741
Multifidus	5.71060241103	1.42681118019

Table 2 - Coherence of frequency signals between frequencys of 0 Hz to 40 Hz

	COP X	COP Y
Rectus_A_L	0.166820376176	0.12397646765
Obliques_L	0.13391456548	0.130126898908
Ilicostalis_L	0.168754329346	0.125881035266
Multifidus_L	0.159916285028	0.135279724096
Rectus_A_R	0.0736407241761	0.103774478871
Obliques_R	0.102609223836	0.106533178706
Ilicostalis_R	0.174639017152	0.141708783358
Multifidus_R	0.0936547012067	0.0944594593346

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	0.55533117614	-0.938064399778
Mean Point(mm)	7.27595761418e-16	-2.30405324449e-15

Reach_L
Patient6

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence

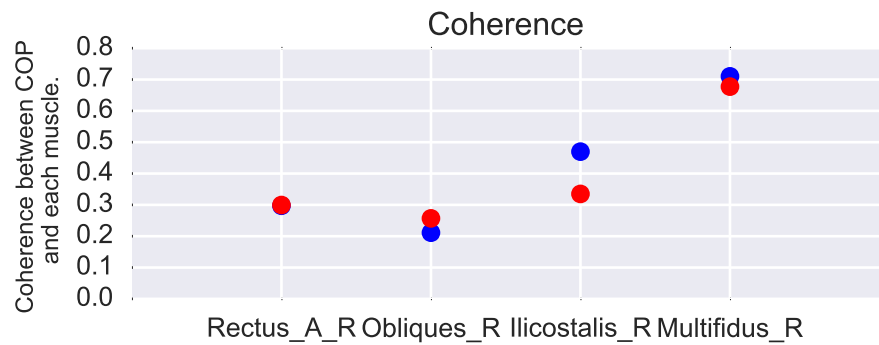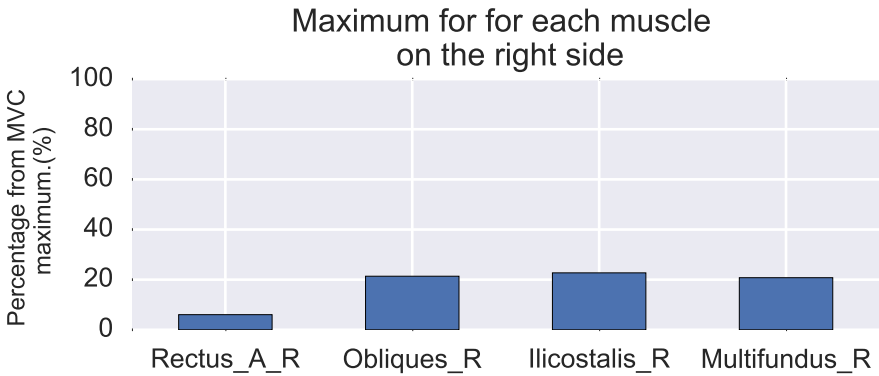## COP trajectory

3146.28634183 mm2
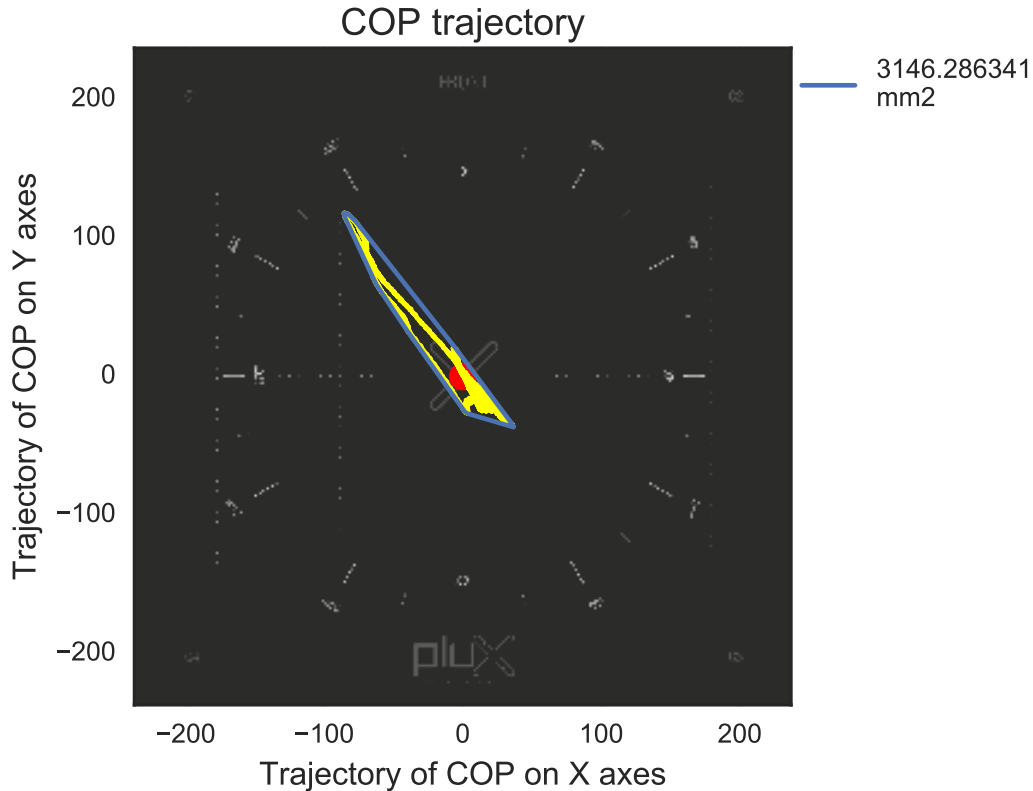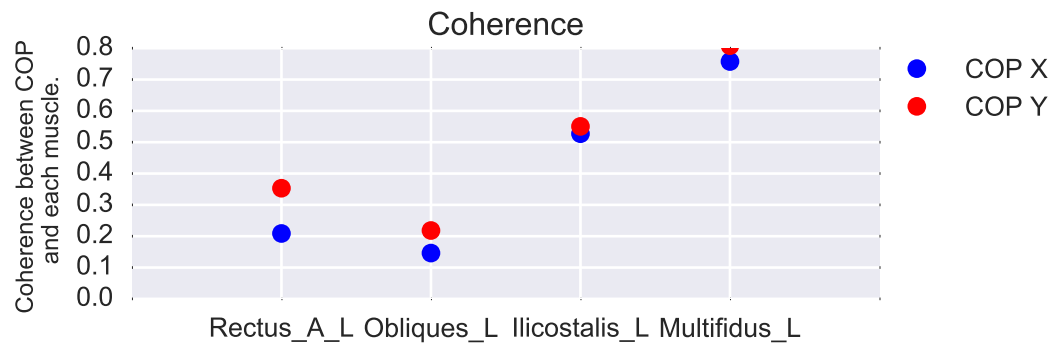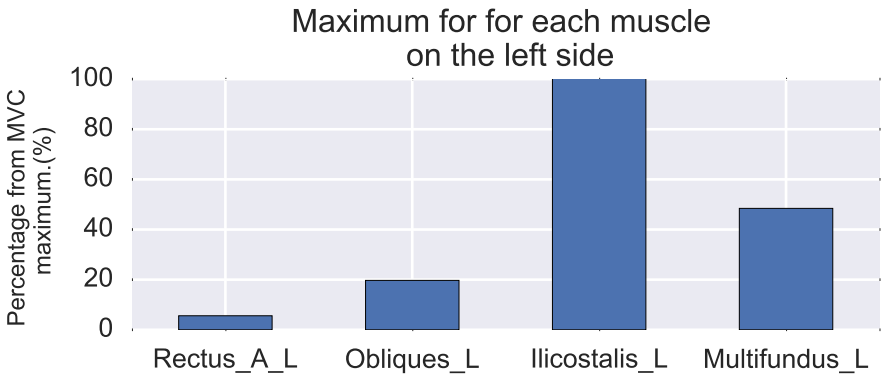
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	5.59571089711	6.0352661776
Obliques	19.708472076	21.3716840807
Ilicostalis	309.310618554	22.7123366318
Multifidus	48.4349205532	20.7820055172

Table 2 - Coherence of frequency signals between frequencys of 0 Hz to 40 Hz

	COP X	COP Y
Rectus_A_L	0.20870673863	0.353125763078
Obliques_L	0.146159441553	0.218185577706
Ilicostalis_L	0.527157037681	0.550456003117
Multifidus_L	0.757509404977	0.808105697149
Rectus_A_R	0.297113638998	0.299499670914
Obliques_R	0.211199393254	0.256892644066
Ilicostalis_R	0.469850601147	0.33493207901
Multifidus_R	0.710157866325	0.677363446453

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	-0.379507192881	-0.0860104207319
Mean Point(mm)	6.36646291241e-16	-3.81987774745e-15

Reach_C
Patient6

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory

2654.3685584 mm2

Coherence (Left)

- COP X (blue)
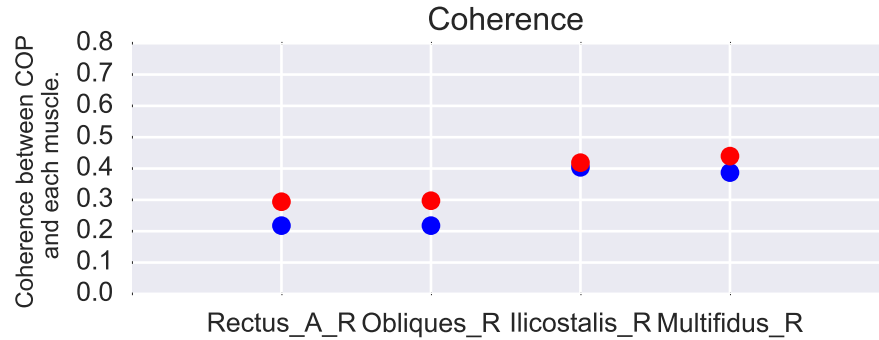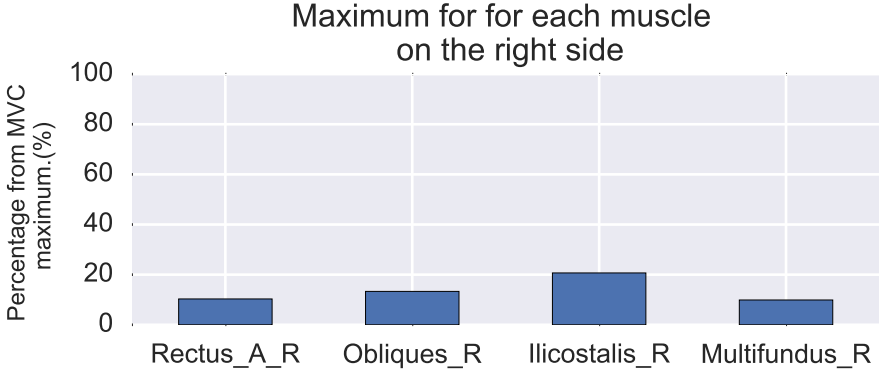- COP Y (red)

Coherence (Right)
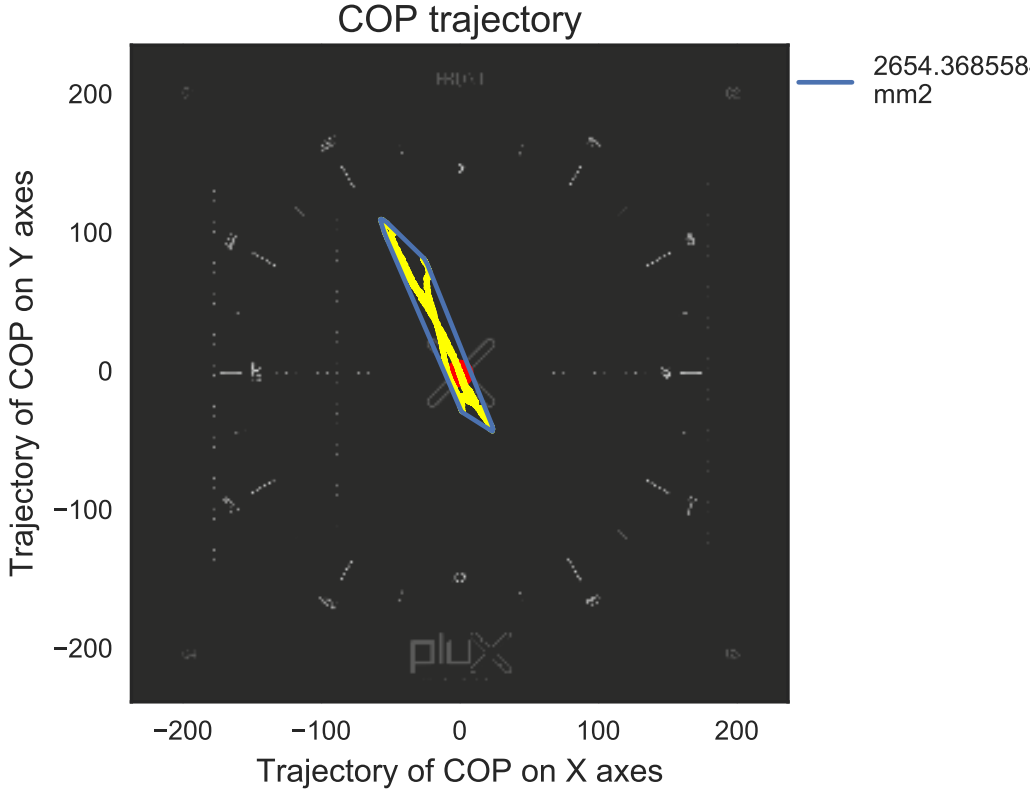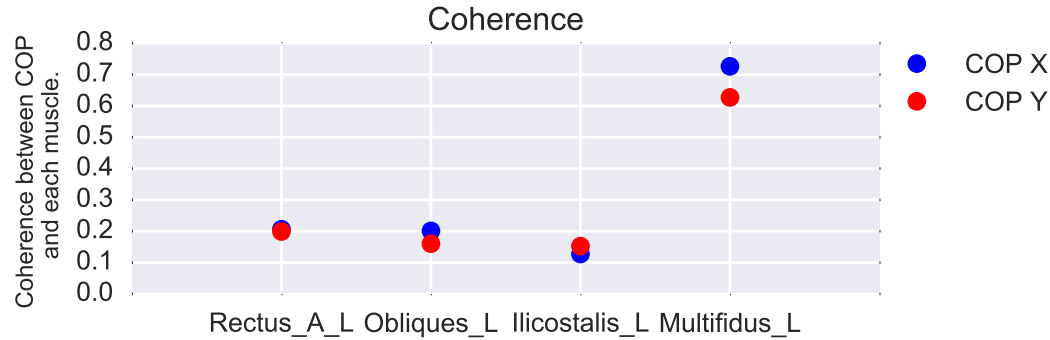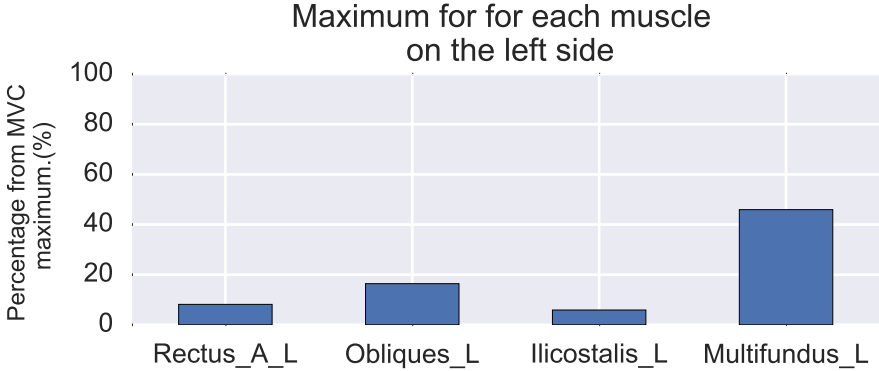
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	8.1440451388	10.3074879531
Obliques	16.4048491924	13.3212156036
Ilicostalis	5.89458046079	20.6845339044
Multifidus	45.9326179106	9.89456783191

Table 2 - Coherence of frequency signals between frequencys of 0 Hz to 40 Hz

	COP X	COP Y
Rectus_A_L	0.206168614278	0.198938367124
Obliques_L	0.201013462428	0.160067288142
Ilicostalis_L	0.127187214658	0.152410311993
Multifidus_L	0.72613730336	0.626960617302
Rectus_A_R	0.217782619308	0.294103265721
Obliques_R	0.217785261526	0.297296782614
Ilicostalis_R	0.403803745277	0.418738949194
Multifidus_R	0.387027694111	0.439656260227

Table 3 - Relevant COP values

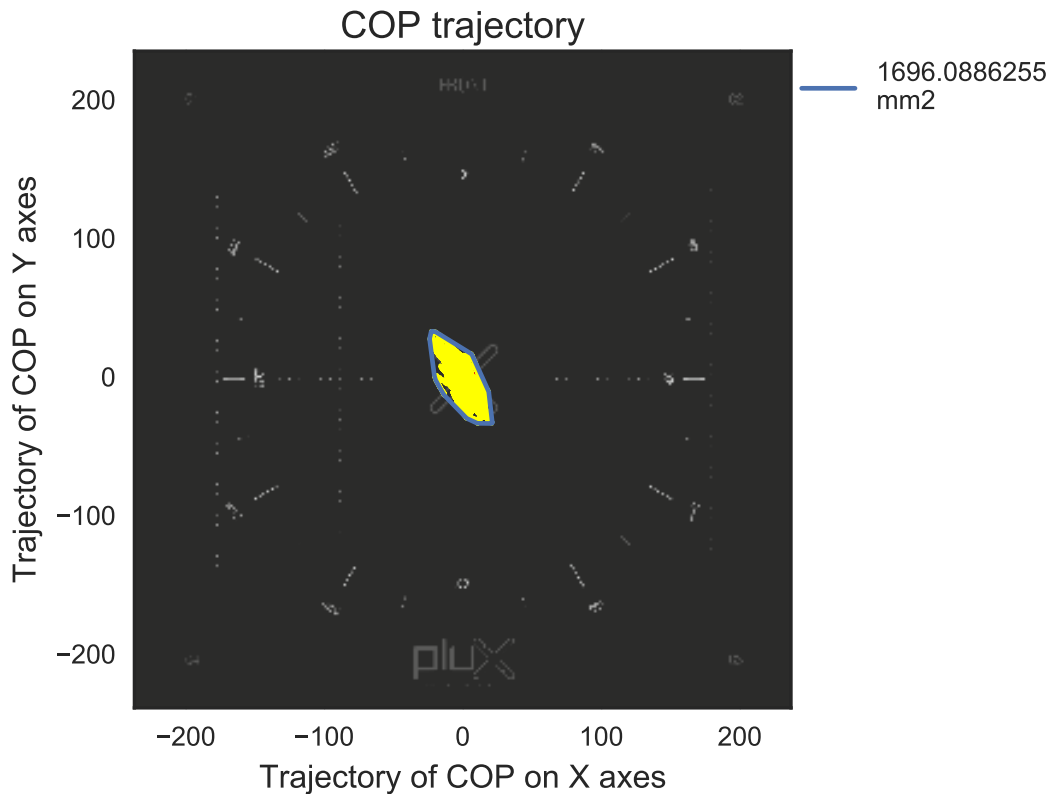|	COP X	COP Y
Velocity (mm/s)	-2.67031384817	8.8207277669
Mean Point(mm)	3.63797880709e-16	-9.45874489844e-15

OneFootStanding_R_EC
Patient6

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory

1696.0886255 mm2
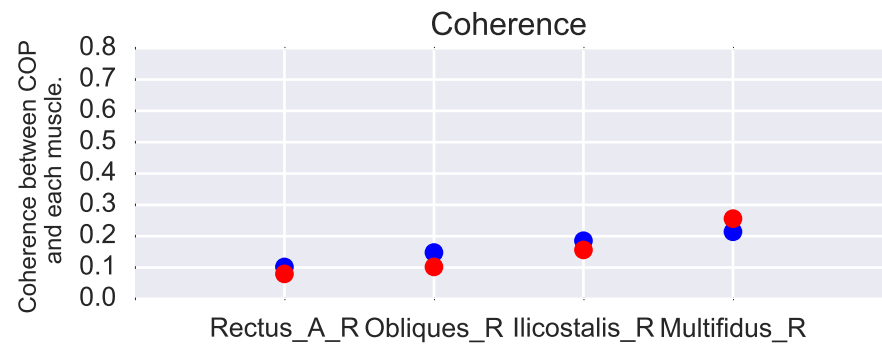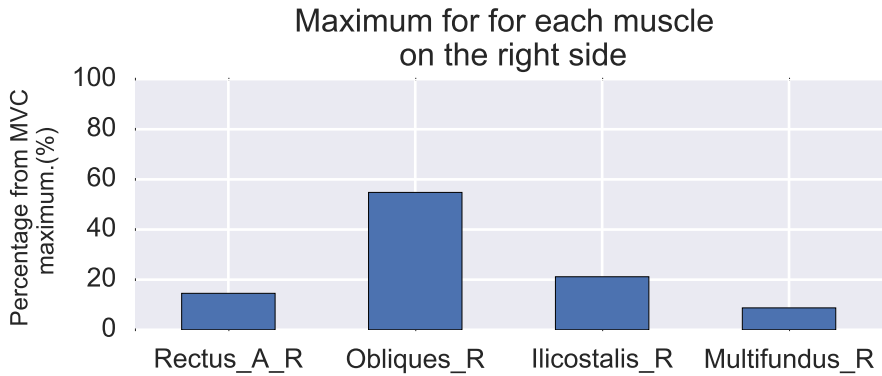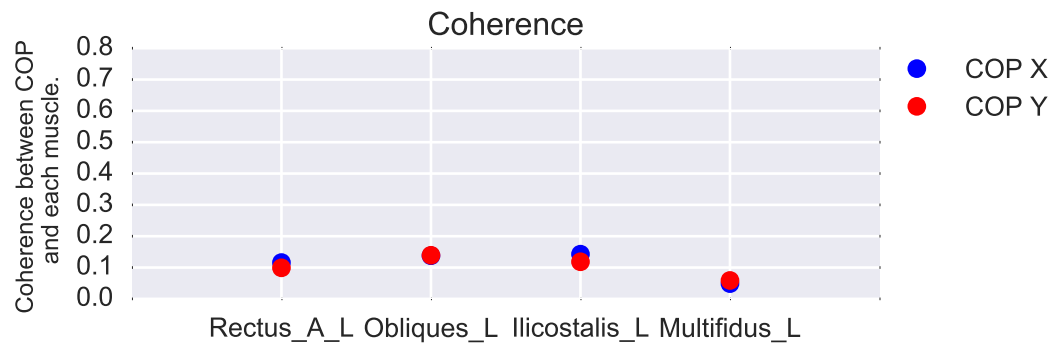
Coherence

- COP X
- COP Y
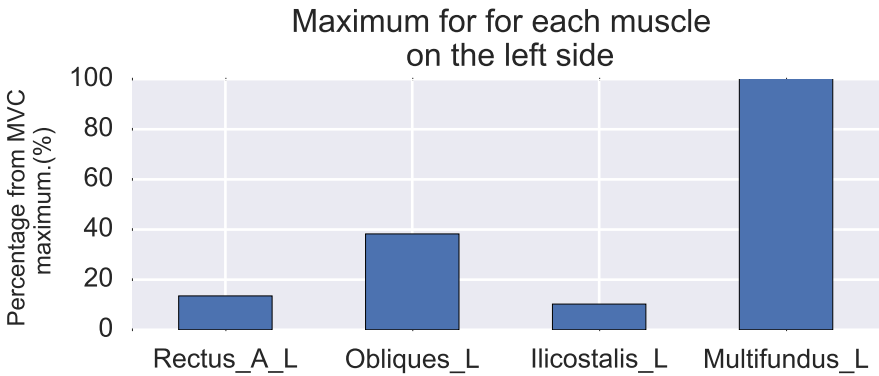
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	13.5168163534	14.5469962706
Obliques	38.2451658599	54.8040036482
Ilicostalis	10.2575703079	21.1575788542
Multifidus	130.65616274	8.73844609257

Table 2 - Coherence of frequency signals between frequencys of 0 Hz to 40 Hz

	COP X	COP Y
Rectus_A_L	0.115939485535	0.0990825504222
Obliques_L	0.137617690986	0.139167139617
Ilicostalis_L	0.14267826081	0.118416442211
Multifidus_L	0.0486914261136	0.0587863576731
Rectus_A_R	0.101892156979	0.0797199250992
Obliques_R	0.147952630728	0.102029281974
Ilicostalis_R	0.185599105278	0.156260333944
Multifidus_R	0.214085701993	0.256038878867

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	0.266046751173	0.999569365428
Mean Point(mm)	2.07667956905e-15	2.6678511252e-15

Standing_EC
Patient6

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory

88.4373091631 mm2

Coherence (left)

- COP X
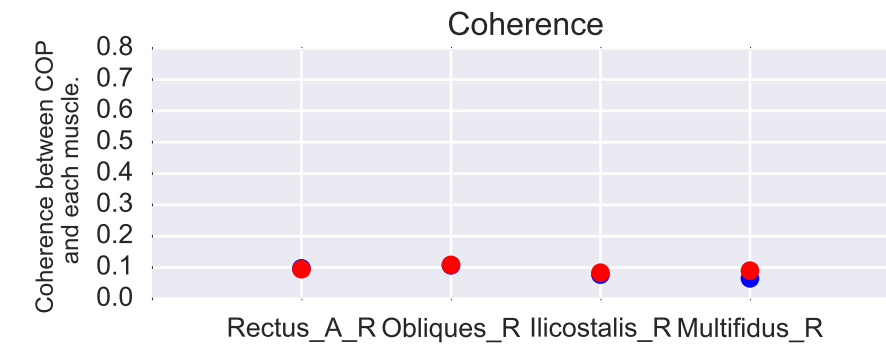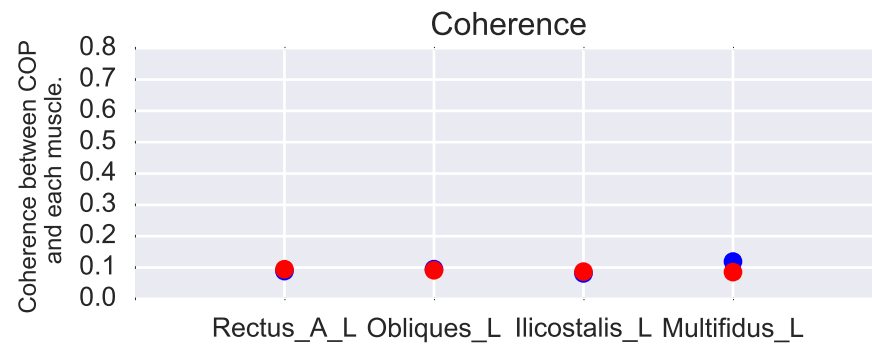- COP Y

Coherence (right)
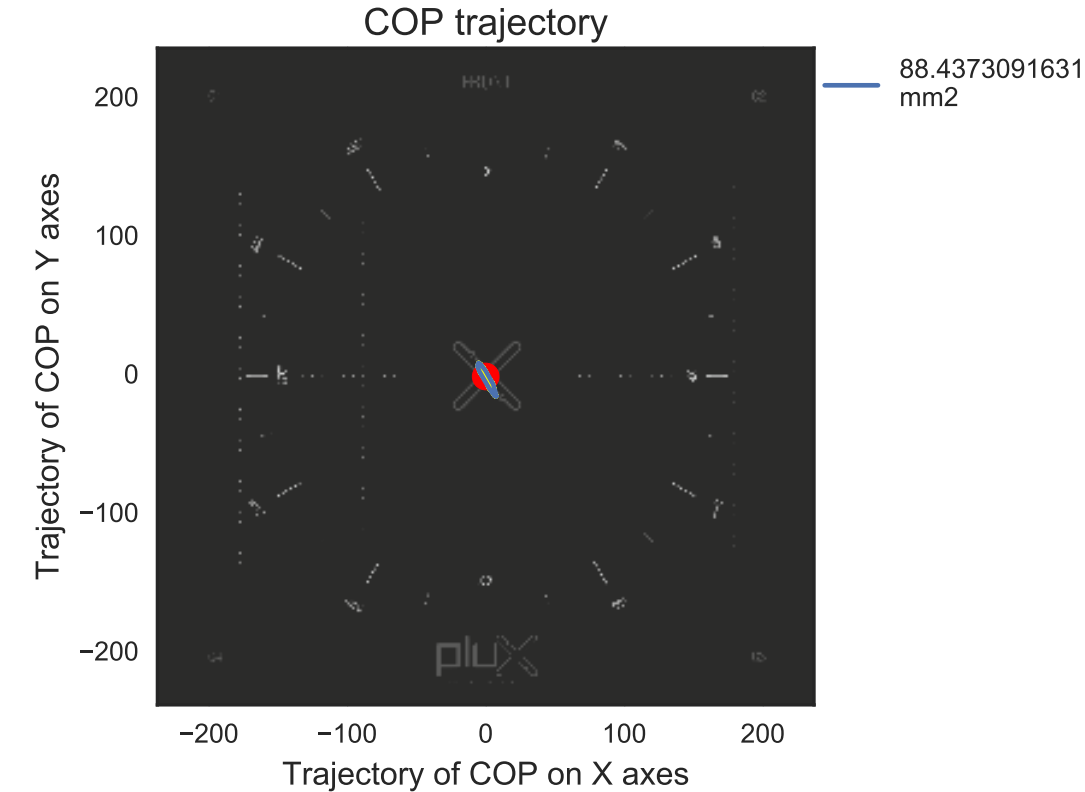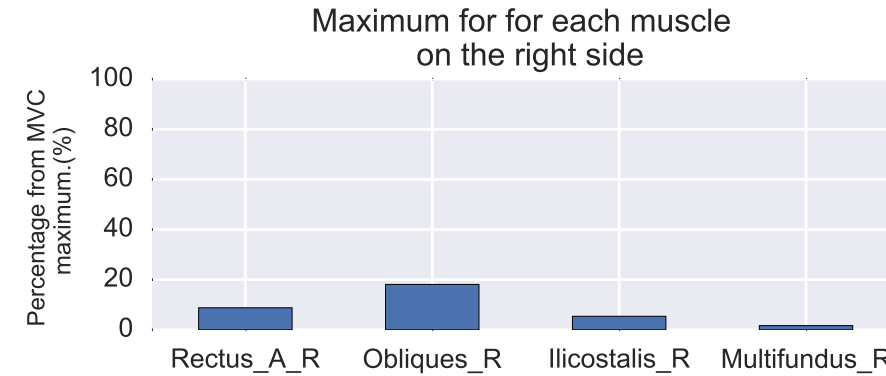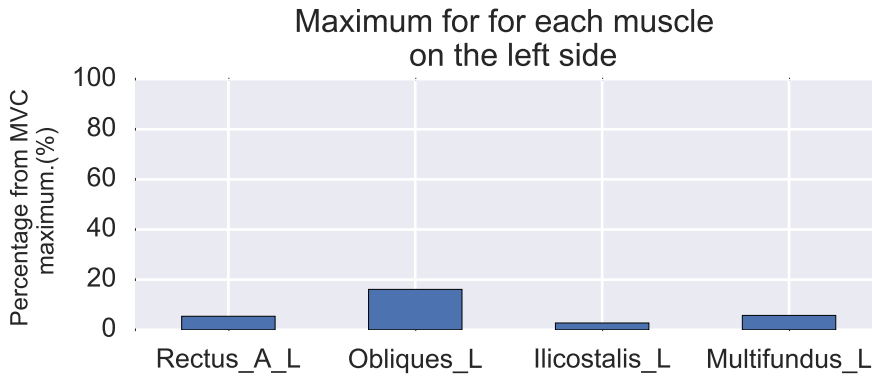
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	5.39335215013	8.77644148234
Obliques	16.1205871799	18.1016156907
Ilicostalis	2.71199704558	5.39524758834
Multifidus	5.7334489973	1.66698423095

Table 2 - Coherence of frequency signals between frequencys of 0 Hz to 40 Hz

	COP X	COP Y
Rectus_A_L	0.0886265584182	0.094614109787
Obliques_L	0.0949005651699	0.0912419081972
Ilicostalis_L	0.0812495491342	0.0869752076782
Multifidus_L	0.119136394037	0.0854325552585
Rectus_A_R	0.0973184328345	0.0947045346259
Obliques_R	0.107205304615	0.108380702959
Ilicostalis_R	0.0775362958398	0.0834411643361
Multifidus_R	0.0654360466892	0.0901273464805

Table 3 - Relevant COP values

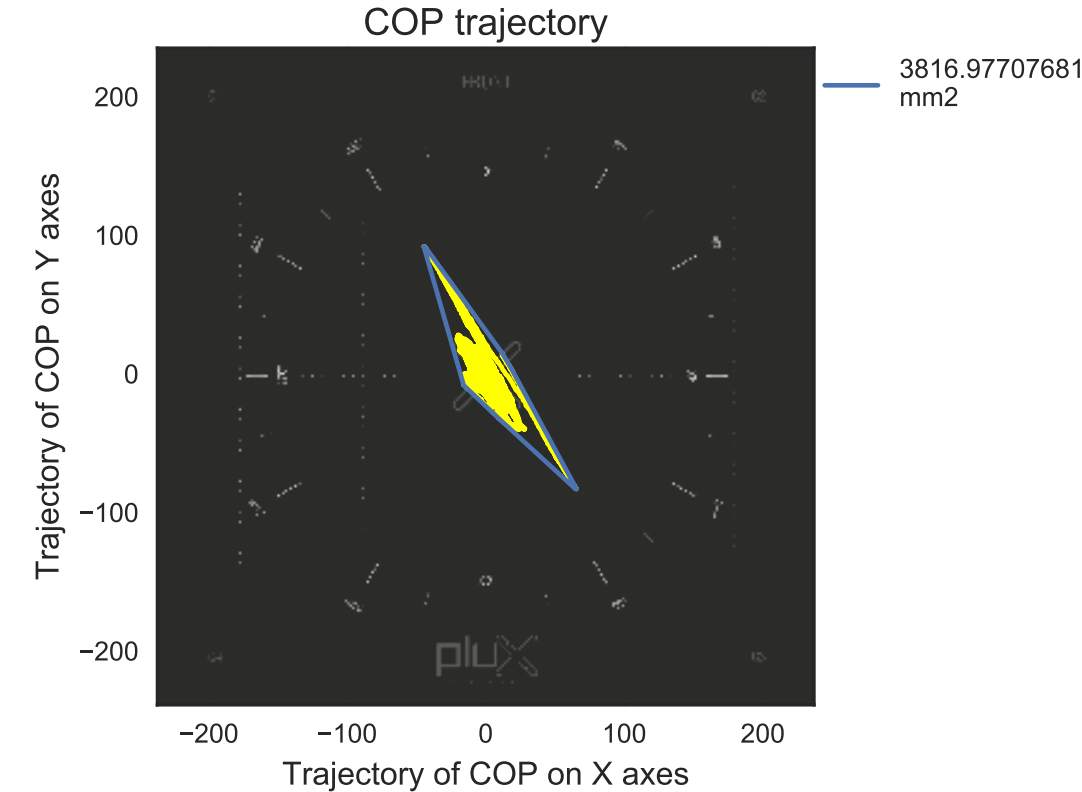|	COP X	COP Y
Velocity (mm/s)	0.242281667227	-0.31898502234
Mean Point(mm)	1.21265960236e-16	-1.3339255626e-15

OneFootStanding_L_EC
Patient6

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory

3816.97707681 mm2

Coherence

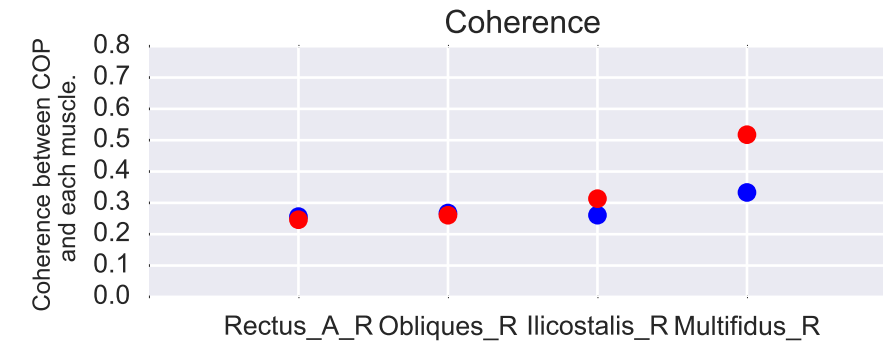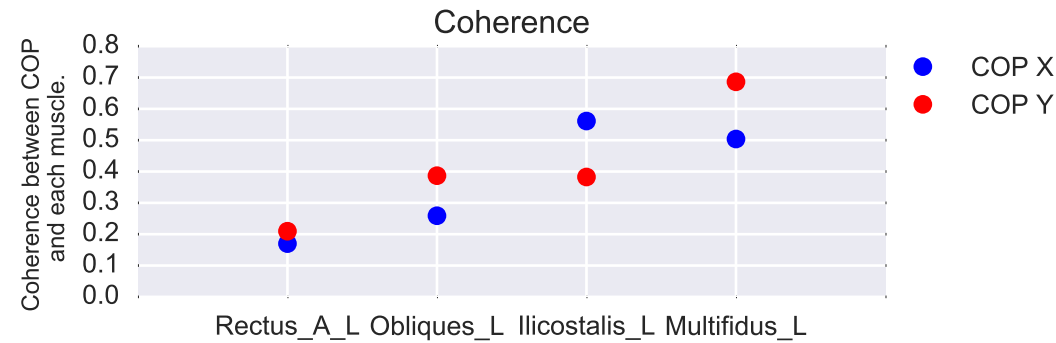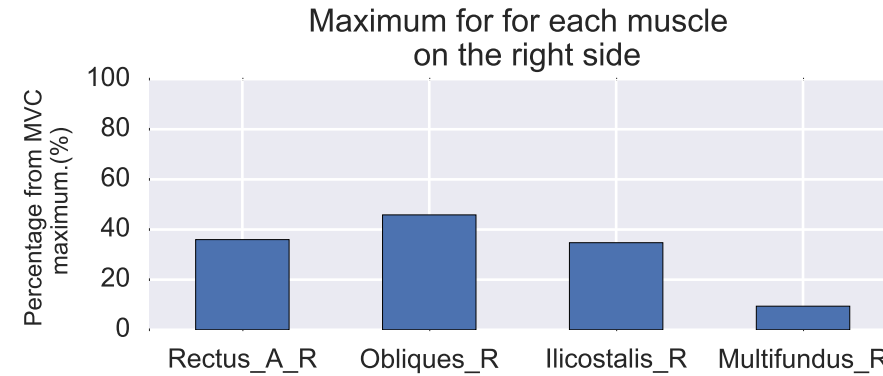- COP X (blue)
- COP Y (red)

Coherence
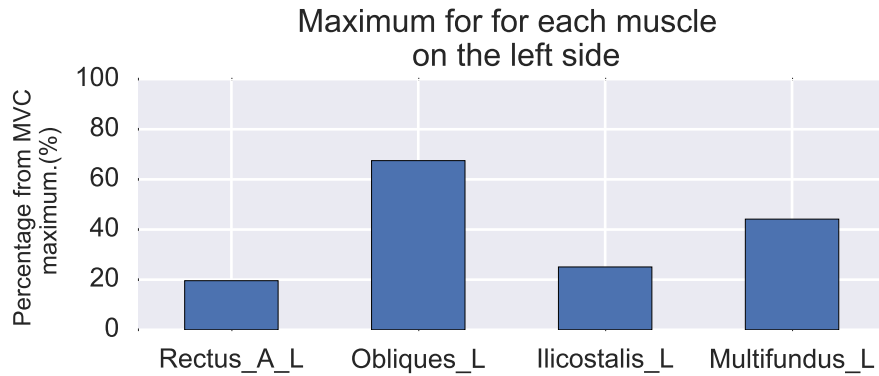
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	19.587278894	35.9754383677
Obliques	67.4834919135	45.836276239
Ilicostalis	25.0667029298	34.7422774426
Multifidus	44.1467797316	9.41596835265

Table 2 - Coherence of frequency signals between frequencys of 0 Hz to 40 Hz

	COP X	COP Y
Rectus_A_L	0.169984640488	0.209529078026
Obliques_L	0.258942289277	0.386772849789
Ilicostalis_L	0.561183138675	0.382588447698
Multifidus_L	0.503798202854	0.686326434057
Rectus_A_R	0.256231444982	0.246225481979
Obliques_R	0.267549275389	0.260555561653
Ilicostalis_R	0.260658034462	0.313436961599
Multifidus_R	0.333241209424	0.517584141702

Table 3 - Relevant COP values

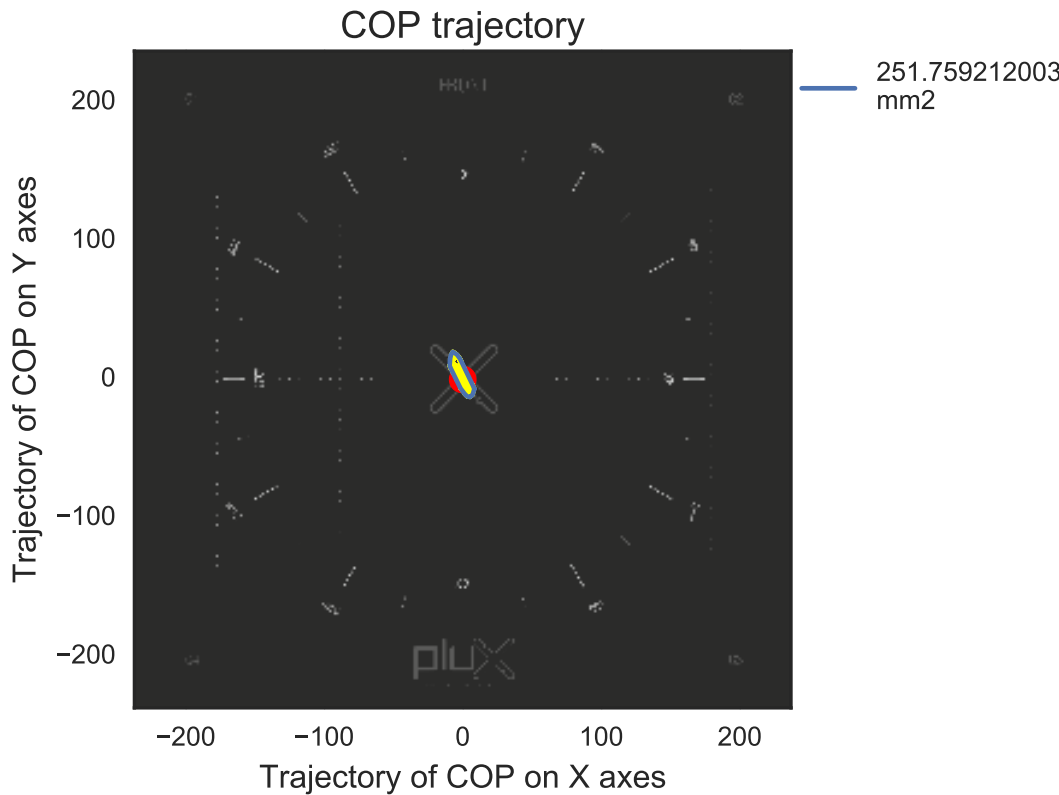|	COP X	COP Y
Velocity (mm/s)	0.734058812375	1.34287000093
Mean Point(mm)	2.50111042988e-15	-1.63709046319e-15

OneFootStanding_L_EO
Patient6

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory

251.759212003 mm2

Coherence

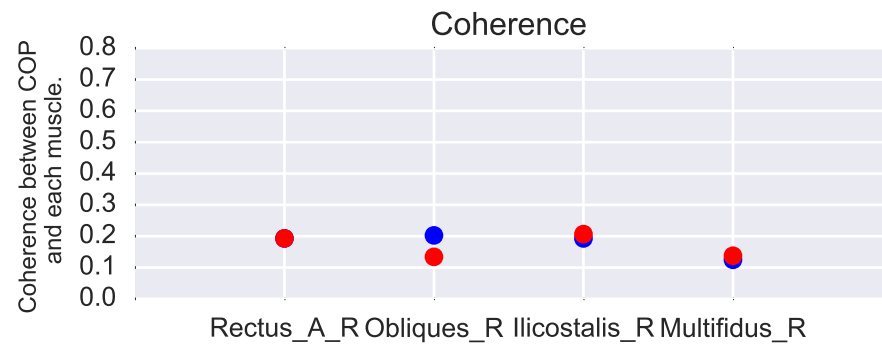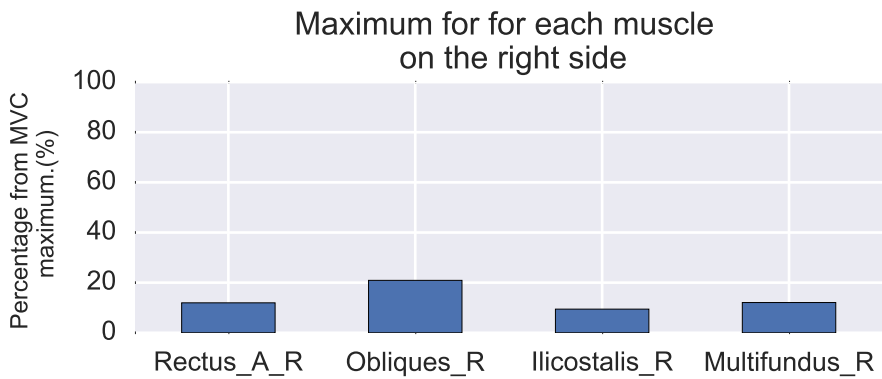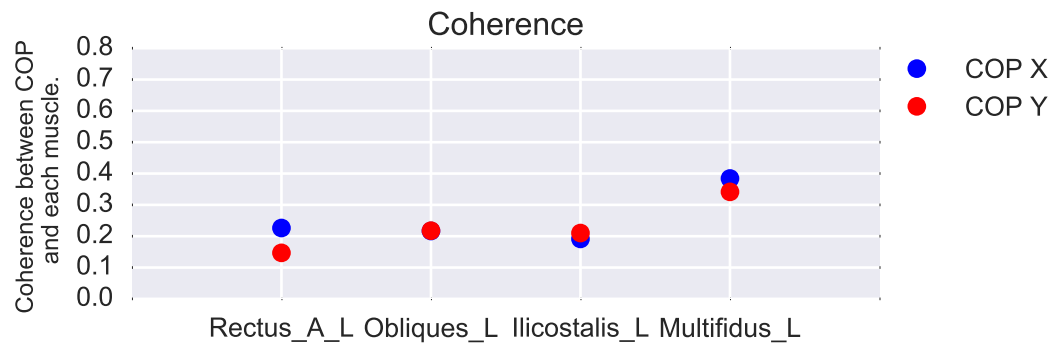- COP X (blue)
- COP Y (red)

Coherence
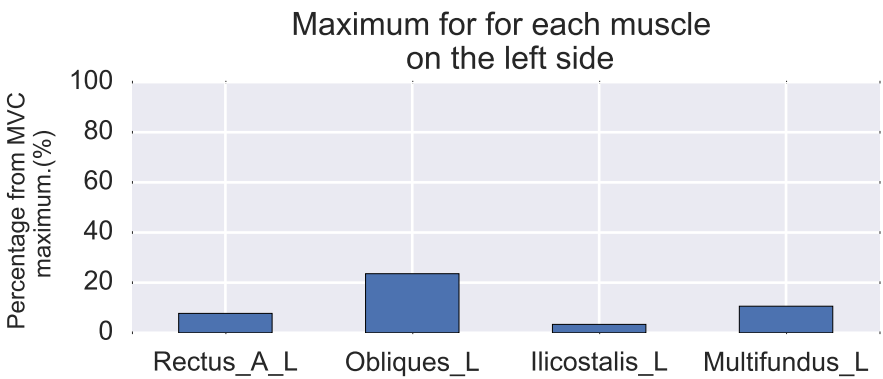
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	7.73803524271	11.951679675
Obliques	23.5709896996	20.9186048036
Ilicostalis	3.35176743799	9.43616204847
Multifidus	10.6045937141	12.0695327125

Table 2 - Coherence of frequency signals between frequencys of 0 Hz to 40 Hz

	COP X	COP Y
Rectus_A_L	0.226180786708	0.146846759301
Obliques_L	0.216566773245	0.217631177742
Ilicostalis_L	0.191347185219	0.210090605225
Multifidus_L	0.384176831577	0.341522692191
Rectus_A_R	0.192867867017	0.19314158506
Obliques_R	0.202606802049	0.13409411998
Ilicostalis_R	0.192876830163	0.206636942339
Multifidus_R	0.124681092477	0.137595414178

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	0.143357520755	0.196871977677
Mean Point(mm)	7.01610198511e-15	1.29927814539e-15

Reach_R
Patient6

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence

- COP X (blue)
- COP Y (red)
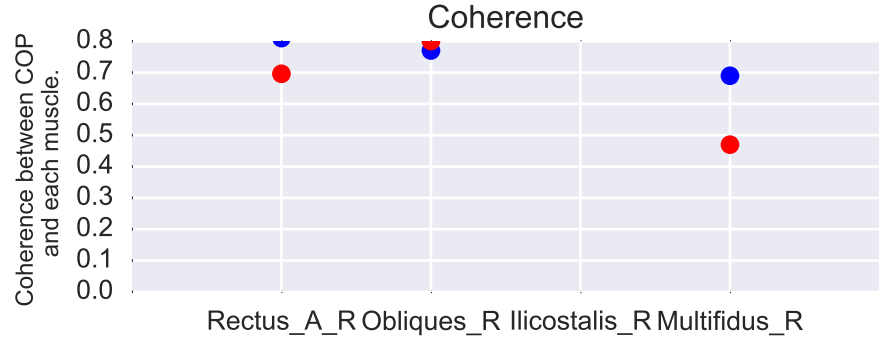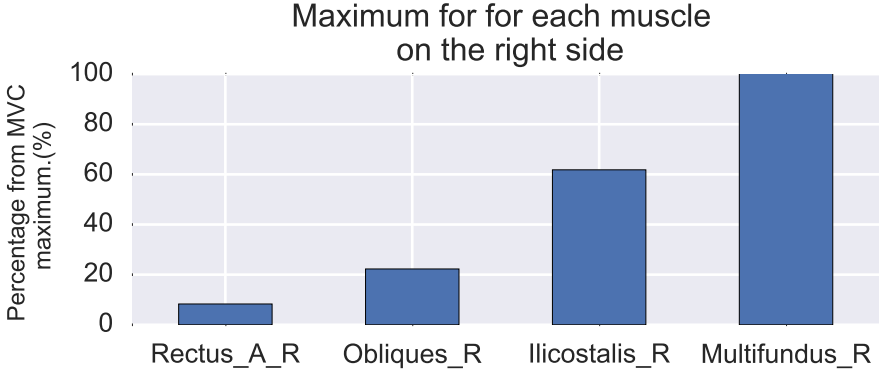
COP trajectory

1428.81263756 mm2
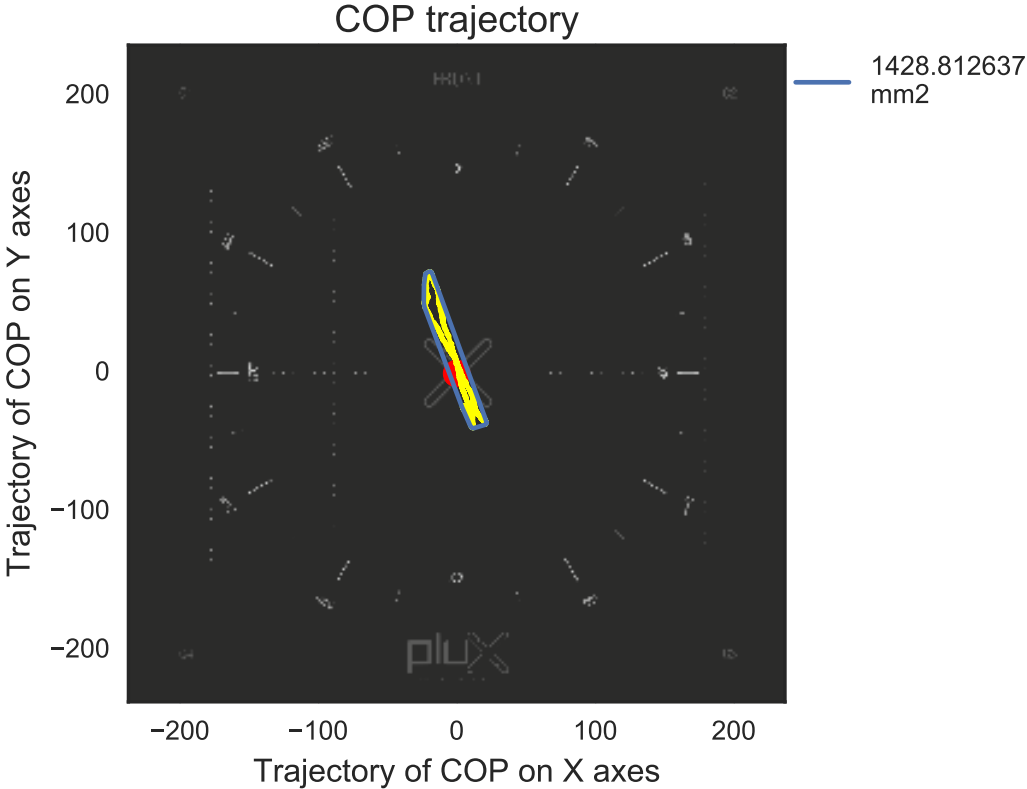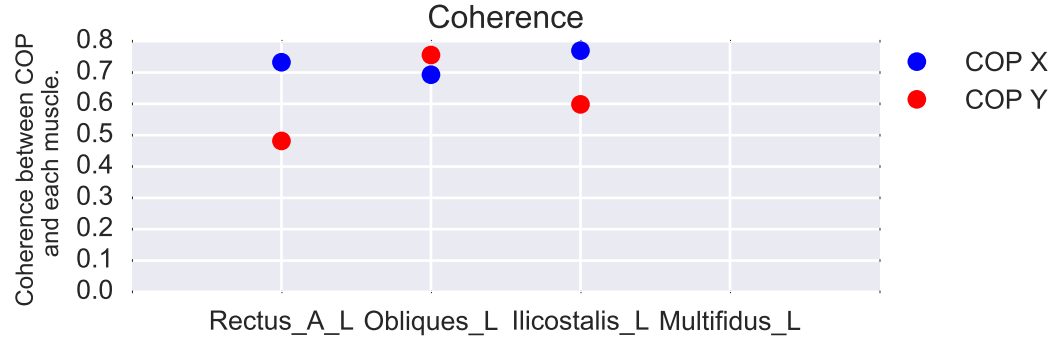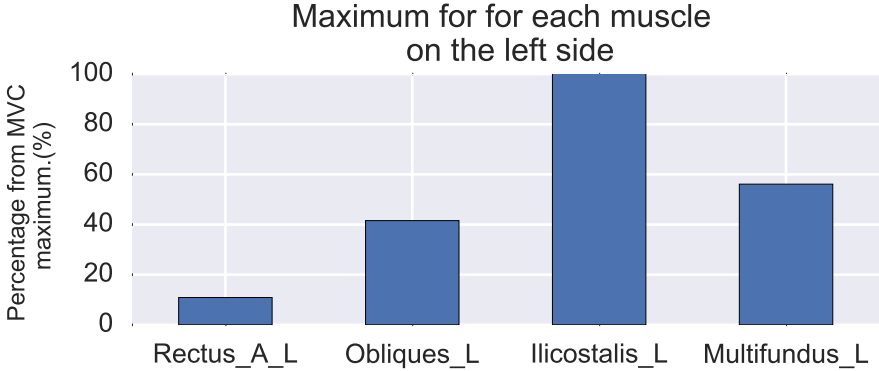
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	10.8788614957	8.30162289881
Obliques	41.5594048065	22.2718690711
Ilicostalis	197.463171123	61.8202841365
Multifidus	56.1061559134	203.118782045

Table 2 - Coherence of frequency signals between frequencys of 0 Hz to 40 Hz

	COP X	COP Y
Rectus_A_L	0.732811930879	0.481676269438
Obliques_L	0.693032535092	0.755934454939
Ilicostalis_L	0.769921060669	0.598403968196
Multifidus_L	0.872029399545	0.889299662526
Rectus_A_R	0.809924369473	0.696030005665
Obliques_R	0.770283770317	0.800430128803
Ilicostalis_R	0.952583838797	0.929147414167
Multifidus_R	0.68970208686	0.469833454146

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	3.62157843491	-1.35663900152
Mean Point(mm)	4.54747350886e-16	1.81898940355e-15