OneFootStanding_R_EO
Patient5_Healthy

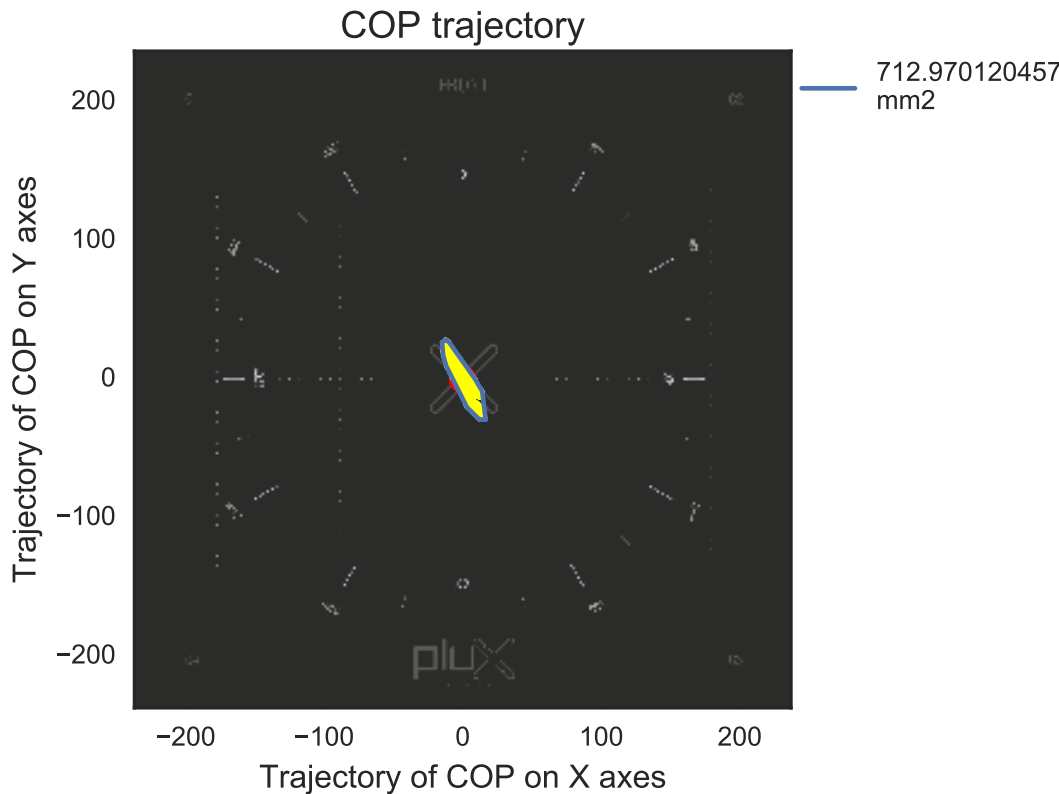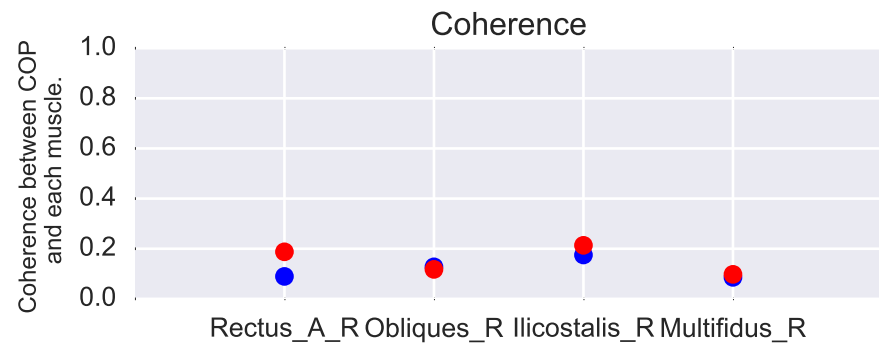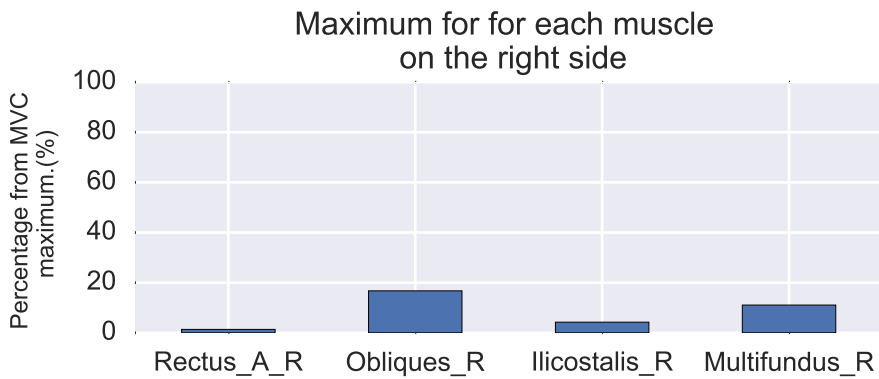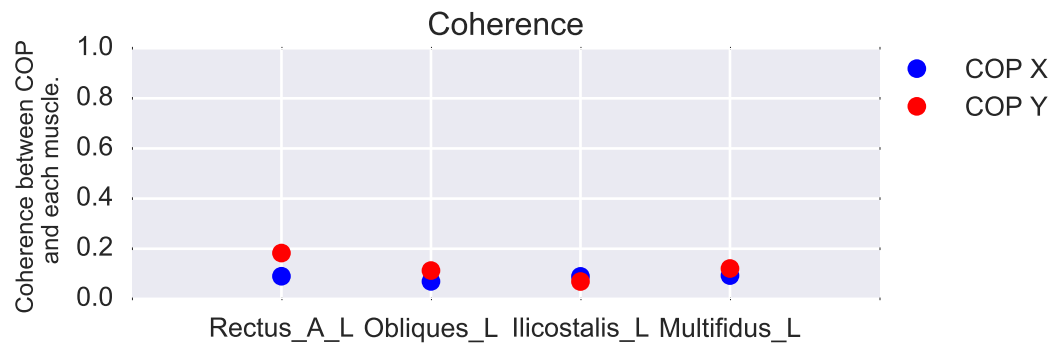## Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence (left)

Coherence (right)

COP trajectory

712.970120457 mm2
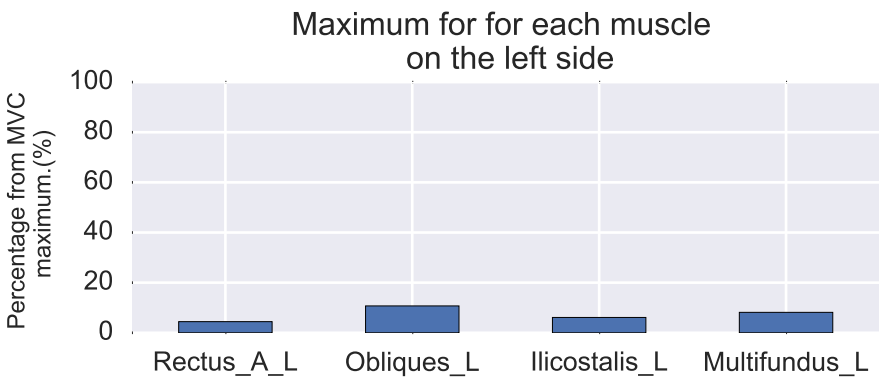
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	4.4447026993	1.35307085651
Obliques	10.7196907672	16.7321807311
Ilicostalis	6.11976871802	4.2390598633
Multifidus	8.15646150364	11.0620062941

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

	COP X	COP Y
Rectus_A_L	0.090239013751	0.182814038618
Obliques_L	0.0696675480458	0.112974843375
Ilicostalis_L	0.0897334709675	0.0692430779522
Multifidus_L	0.0929124596913	0.1211533874
Rectus_A_R	0.0895440709684	0.18772438118
Obliques_R	0.127806300205	0.117578050039
Ilicostalis_R	0.175103202217	0.213587801156
Multifidus_R	0.0857689224682	0.0978584663272

Table 3 - Relevant COP values

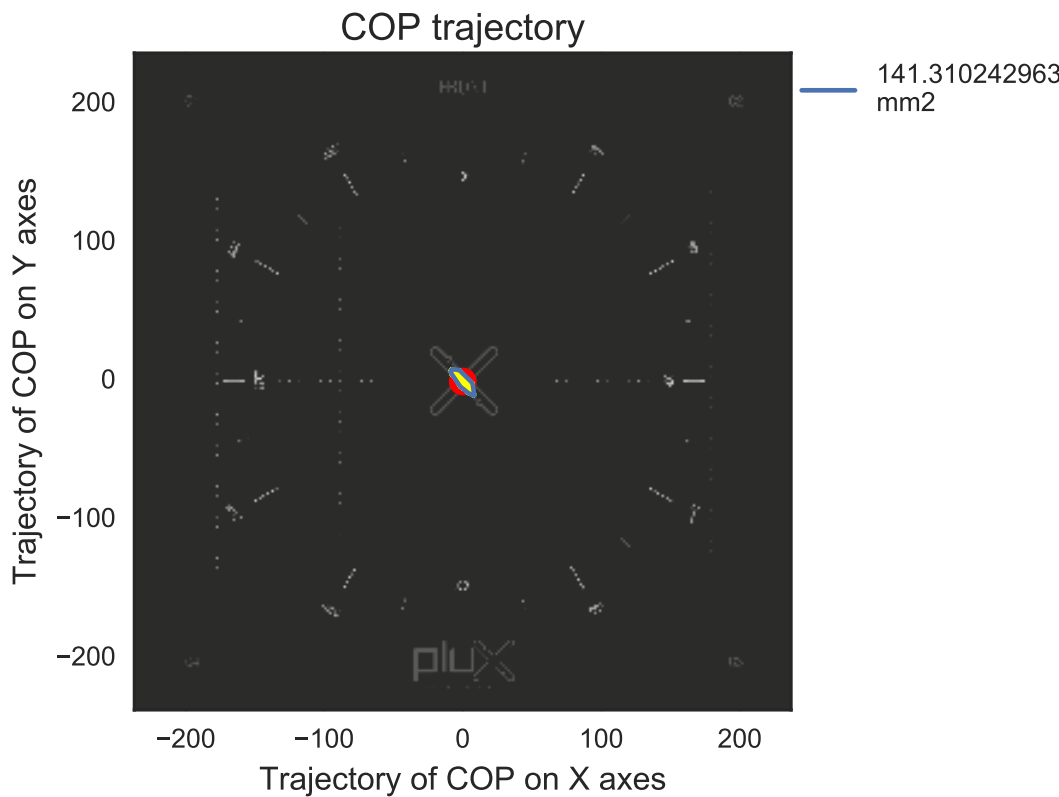|	COP X	COP Y
Velocity (mm/s)	-0.0286584882369	0.34382630964
Mean Point(mm)	-4.10739542736e-15	-1.40824986081e-15

Standing_EO
Patient5_Healthy

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory

141.310242963 mm2
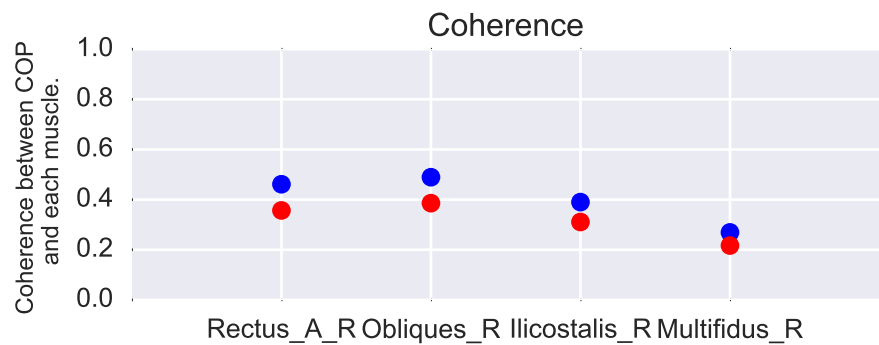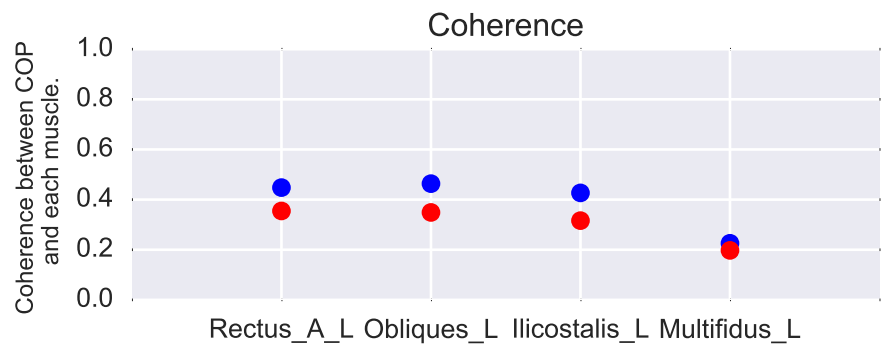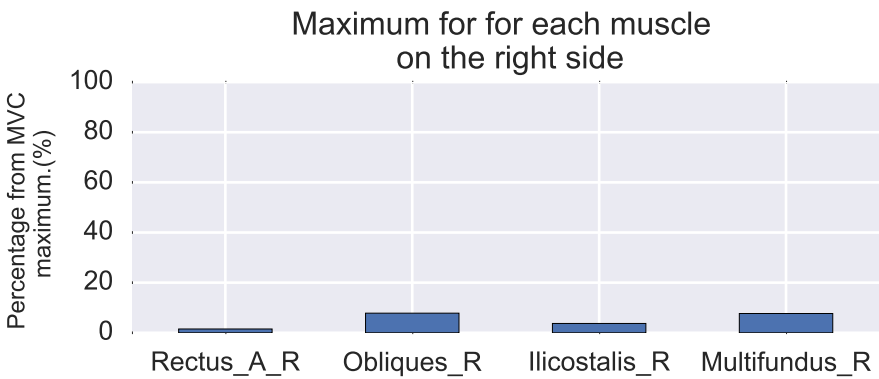

Coherence

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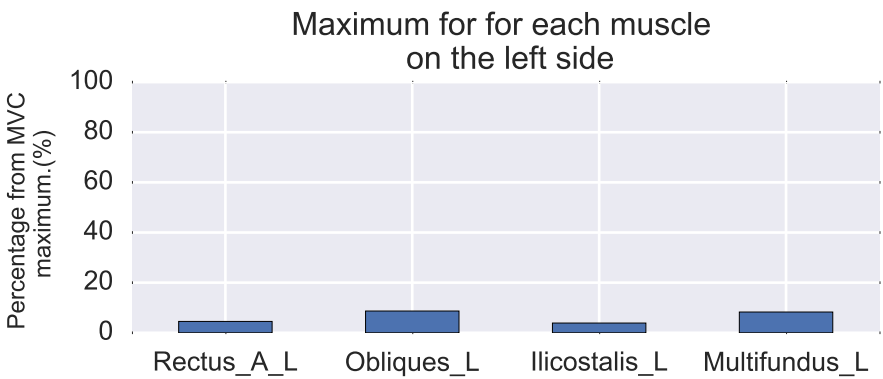
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	4.53311373986	1.5167837493
Obliques	8.6839007406	7.82958452256
Ilicostalis	3.88807639829	3.72218338377
Multifidus	8.28464487832	7.69454966794

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

	COP X	COP Y
Rectus_A_L	0.447892258534	0.354719288925
Obliques_L	0.463640628606	0.348798105302
Ilicostalis_L	0.426748798368	0.316120943789
Multifidus_L	0.225753997651	0.197409766596
Rectus_A_R	0.4612550243	0.356759328164
Obliques_R	0.489359675128	0.385777521762
Ilicostalis_R	0.390013527695	0.310689580486
Multifidus_R	0.269135415448	0.216728673278

Table 3 - Relevant COP values

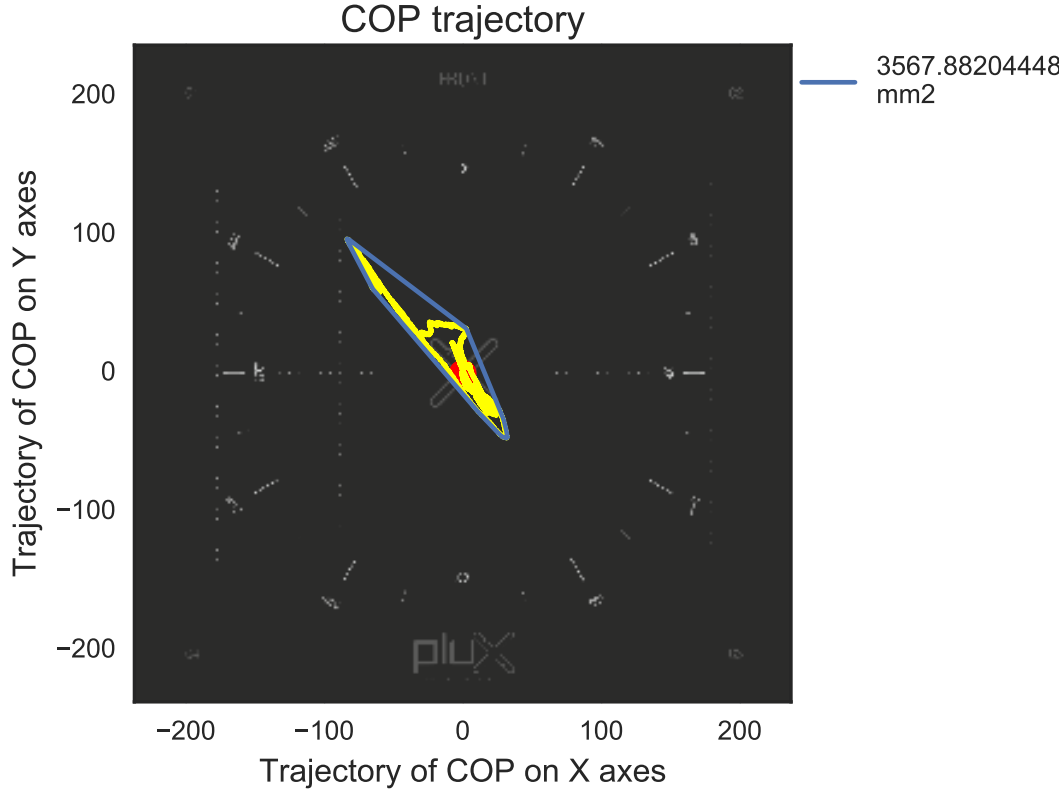|	COP X	COP Y
Velocity (mm/s)	0.0664539127977	-0.241211265295
Mean Point(mm)	6.0026650317e-15	4.85063840946e-16

Reach_L
Patient5_Healthy

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory
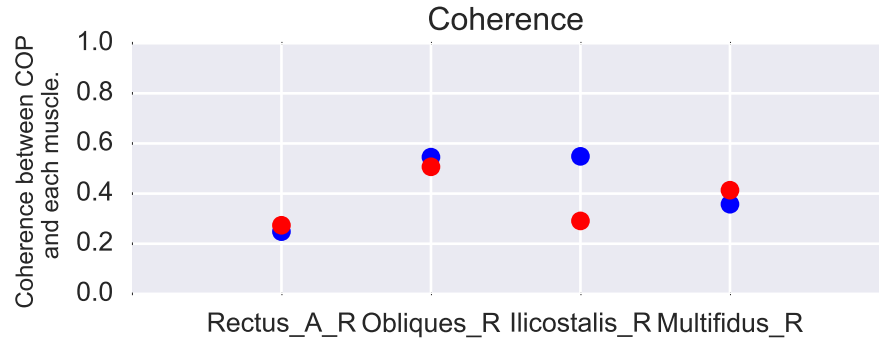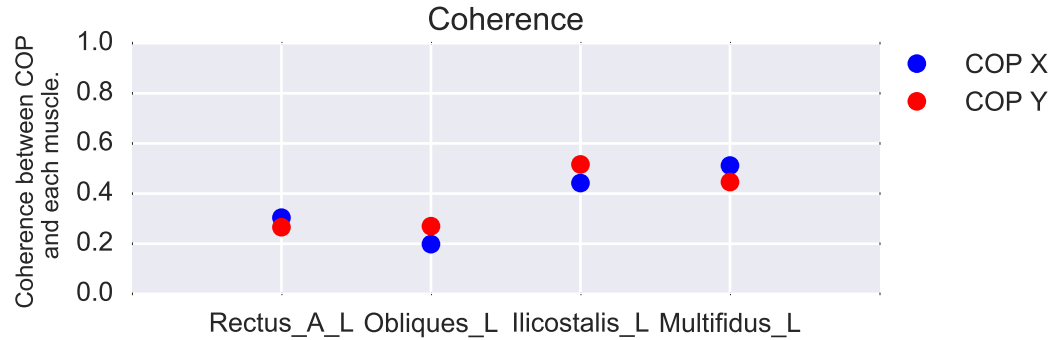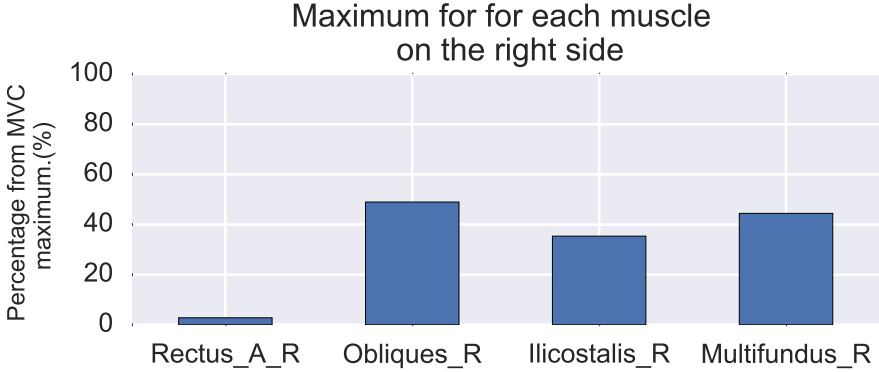
Coherence (left)

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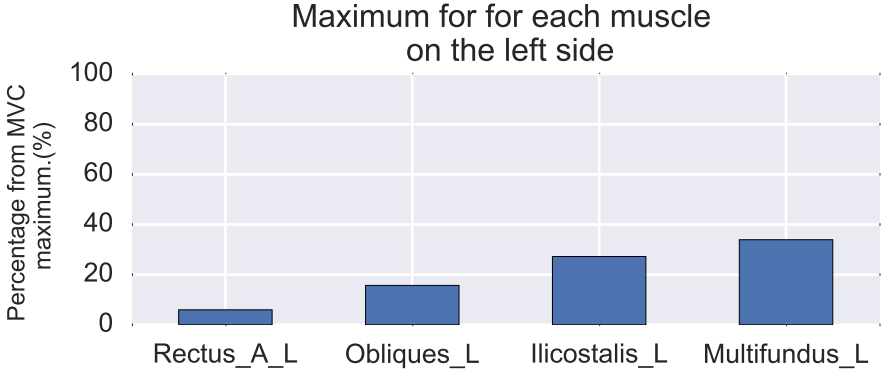
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	5.9741508242	2.79159075407
Obliques	15.7090249942	48.9679699681
Ilicostalis	27.2331170938	35.3621406998
Multifidus	33.9338149138	44.4510980169

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

	COP X	COP Y
Rectus_A_L	0.304006958796	0.265911884894
Obliques_L	0.198308241132	0.270071773213
Ilicostalis_L	0.442094933297	0.51634239254
Multifidus_L	0.511944037593	0.445986459758
Rectus_A_R	0.248237376866	0.27363514075
Obliques_R	0.545499939799	0.506944037328
Ilicostalis_R	0.548609762138	0.291030801513
Multifidus_R	0.357616328913	0.413564805068

Table 3 - Relevant COP values

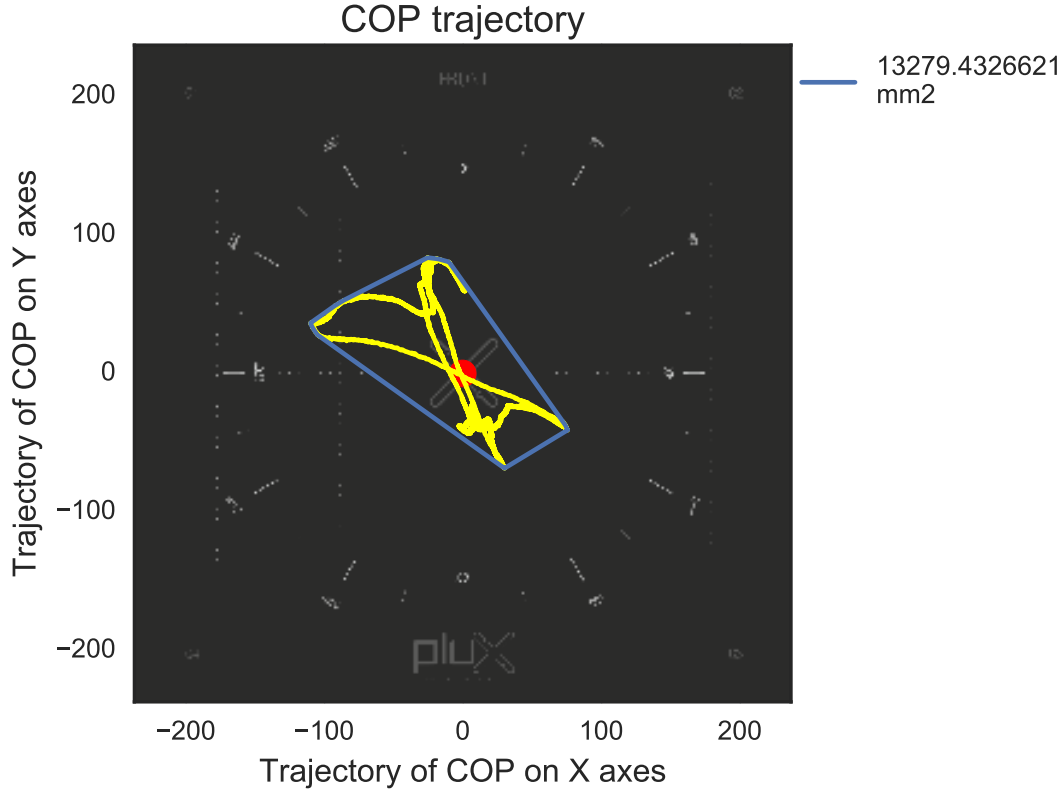|	COP X	COP Y
Velocity (mm/s)	0.129628835262	-0.738278497568
Mean Point(mm)	-7.27595761418e-16	-7.27595761418e-16

Reach_C
Patient5_Healthy

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence

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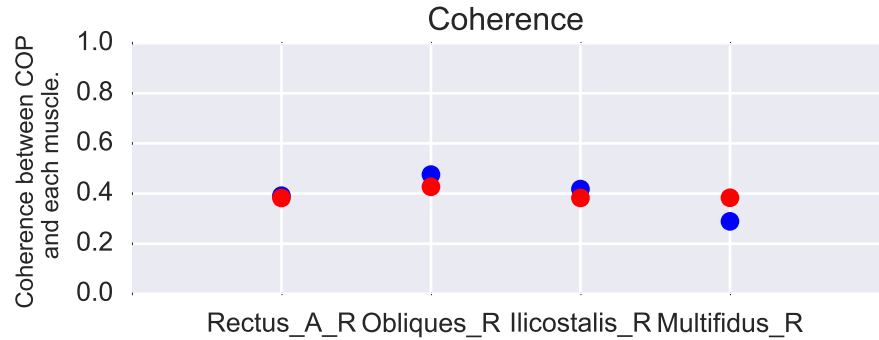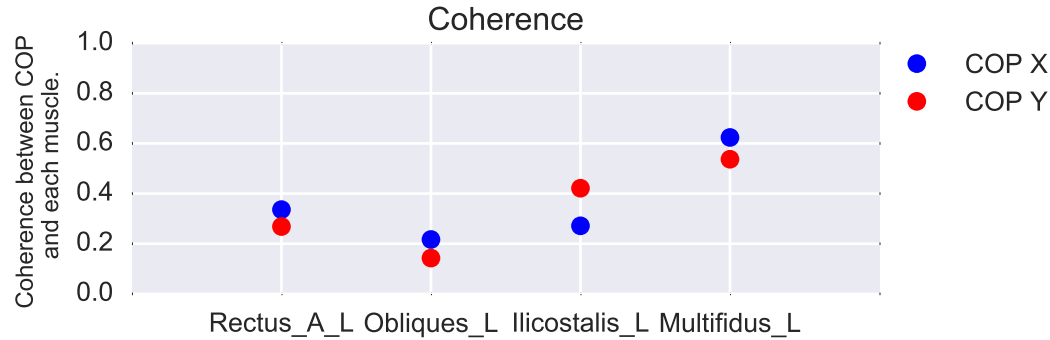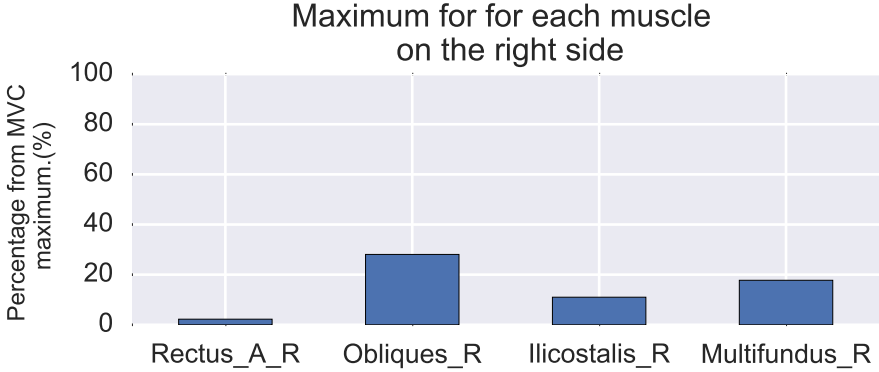- COP Y (red)

COP trajectory

13279.4326621 mm2
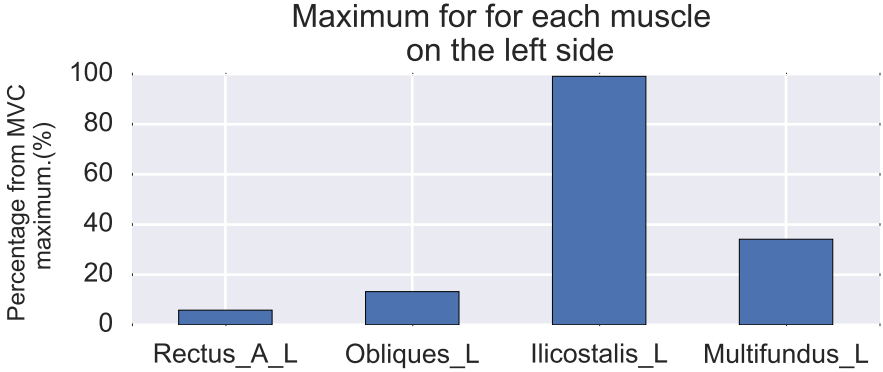
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	5.84054408819	2.23552740111
Obliques	13.22903743	28.067881682
Ilicostalis	99.1189909351	11.0041846651
Multifidus	34.1338394275	17.7566846012

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

	COP X	COP Y
Rectus_A_L	0.336163330242	0.26861545114
Obliques_L	0.216926458472	0.142787622195
Ilicostalis_L	0.271442318042	0.421403384107
Multifidus_L	0.623960597159	0.537048835383
Rectus_A_R	0.391684147121	0.382586570862
Obliques_R	0.475821945677	0.427089862731
Ilicostalis_R	0.418126263884	0.38274370409
Multifidus_R	0.289244522005	0.383349340214

Table 3 - Relevant COP values

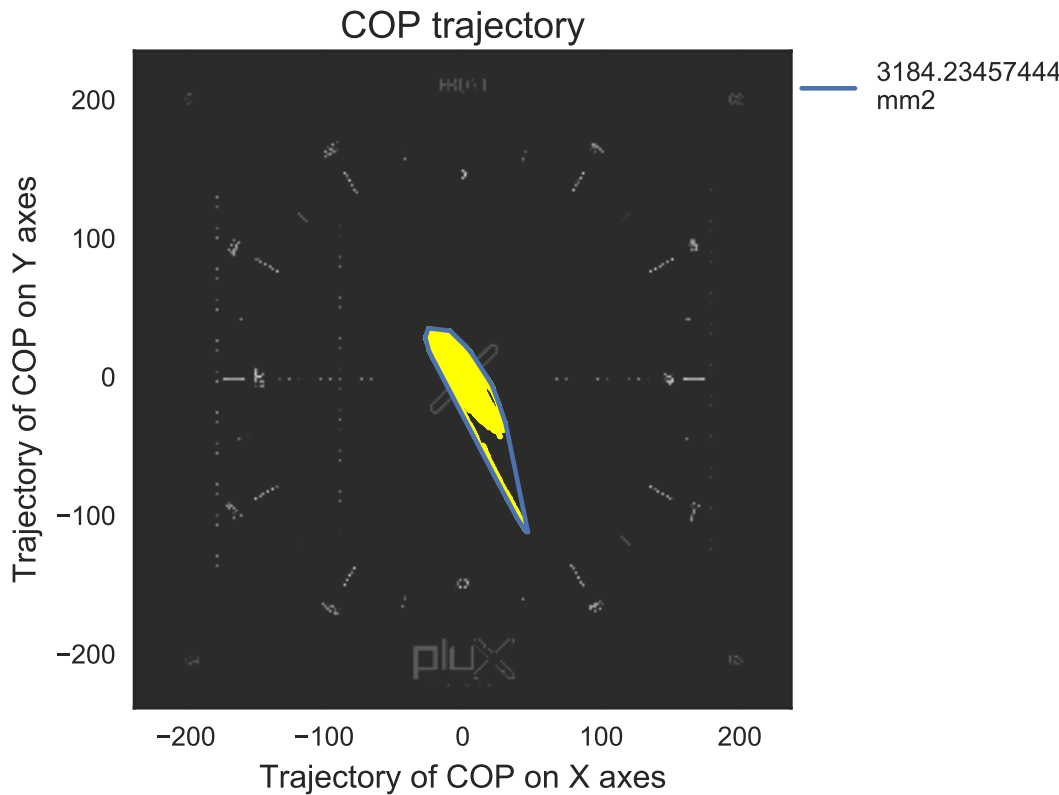|	COP X	COP Y
Velocity (mm/s)	-3.32110199972	13.2116899371
Mean Point(mm)	6.06329801182e-16	-2.42531920473e-15

OneFootStanding_R_EC
Patient5_Healthy

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence

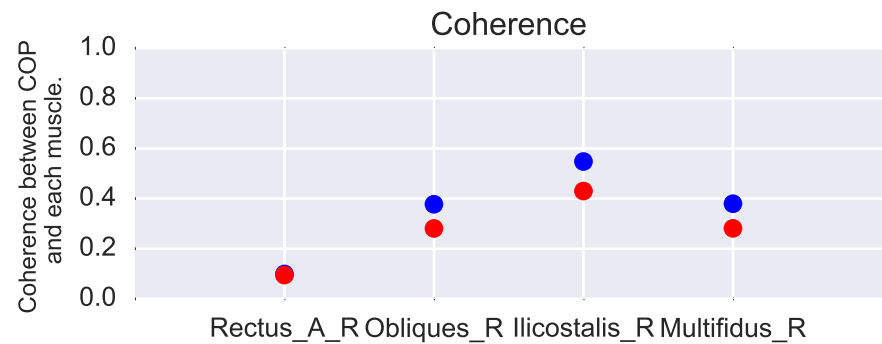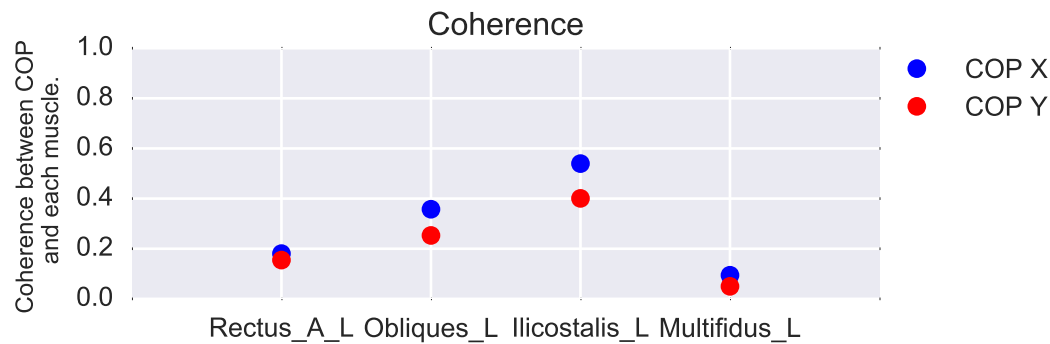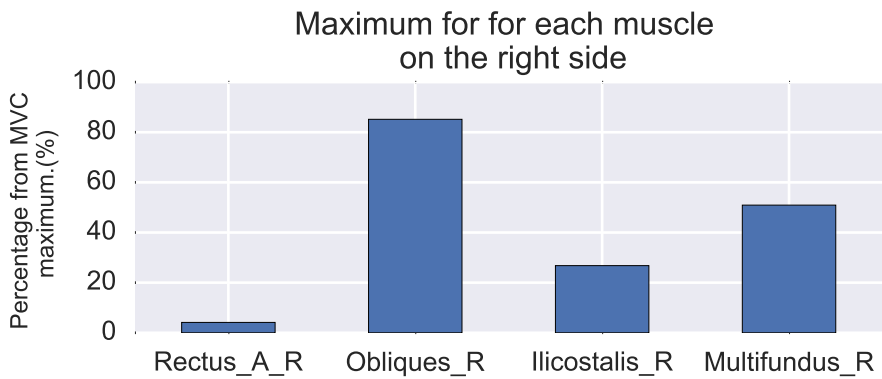### Coherence

COP trajectory

3184.23457444 mm2
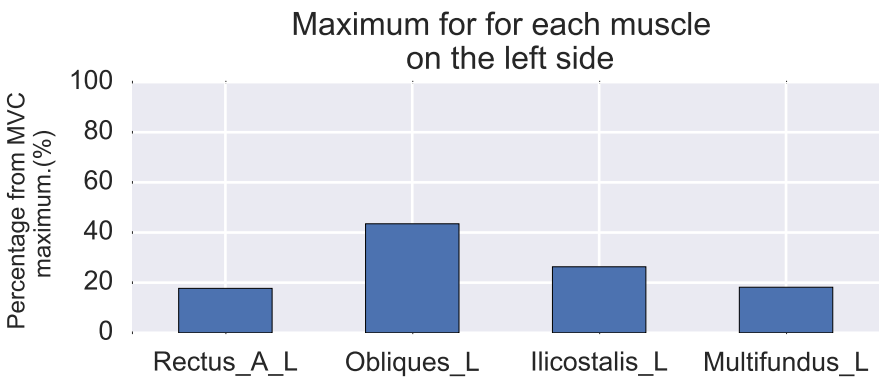
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	17.7209308705	4.13787559466
Obliques	43.4852277601	85.1643068459
Ilicostalis	26.3321767734	26.7941420076
Multifidus	18.176529903	50.9325064158

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

	COP X	COP Y
Rectus_A_L	0.180574626055	0.154745756781
Obliques_L	0.357553324124	0.25300108079
Ilicostalis_L	0.53963052318	0.400829858277
Multifidus_L	0.0942923764815	0.0499736617352
Rectus_A_R	0.0992728443143	0.0948691470844
Obliques_R	0.37740011008	0.28093499493
Ilicostalis_R	0.547894629129	0.430146580725
Multifidus_R	0.379624114398	0.281324481844

Table 3 - Relevant COP values

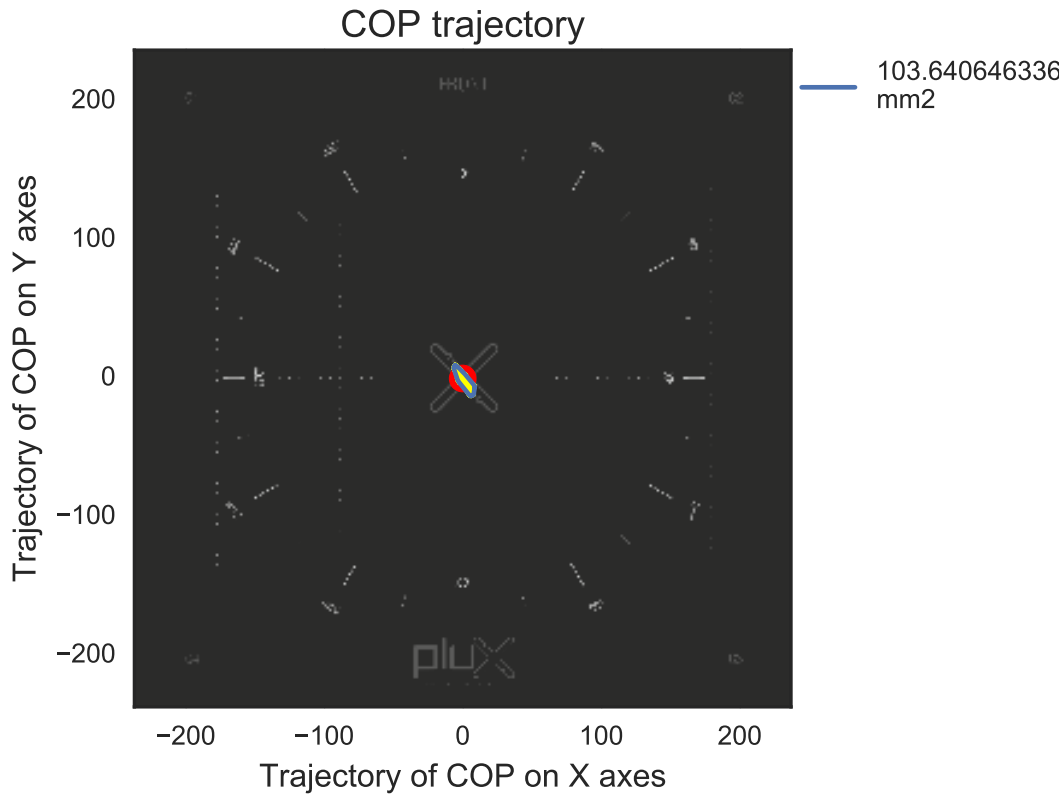|	COP X	COP Y
Velocity (mm/s)	-0.385760903772	-0.217226640998
Mean Point(mm)	-2.54658516496e-15	-1.3339255626e-15

Standing_EC
Patient5_Healthy

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory

103.640646336 mm2
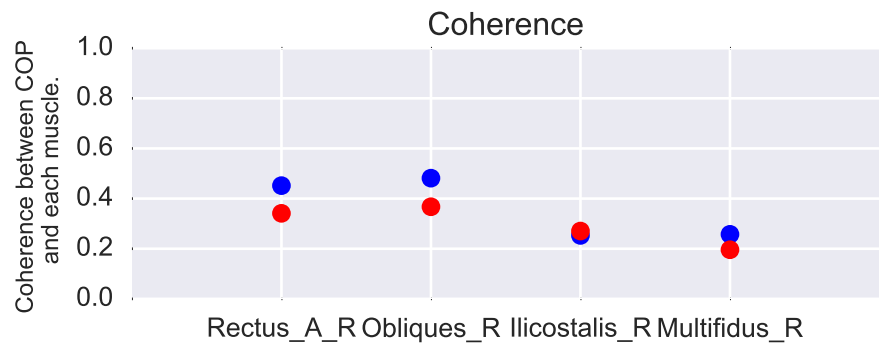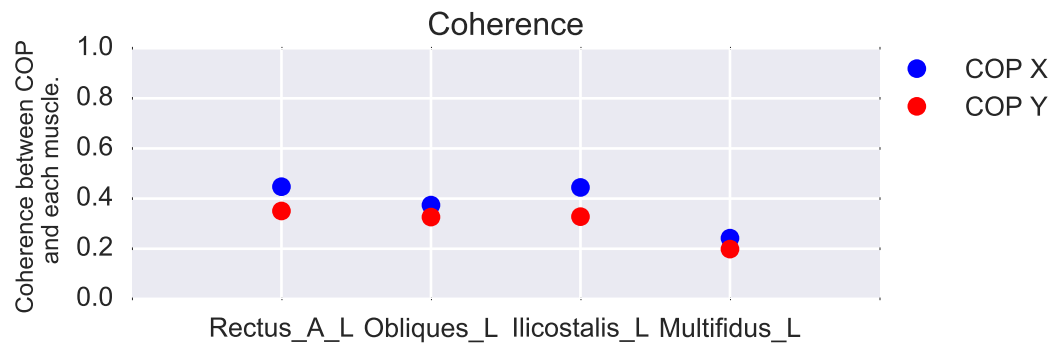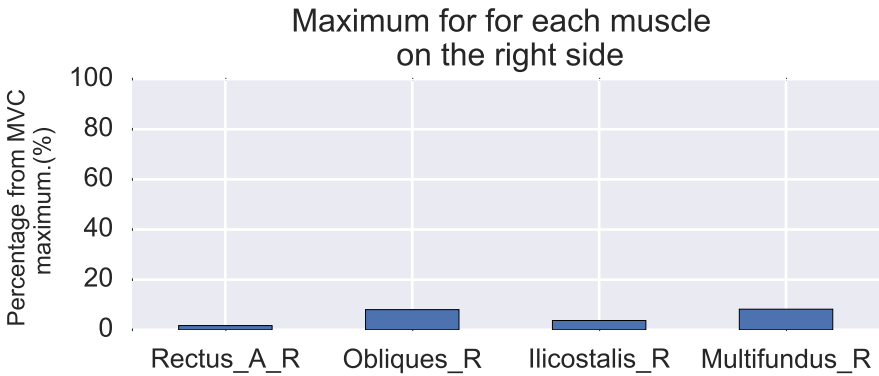
Coherence

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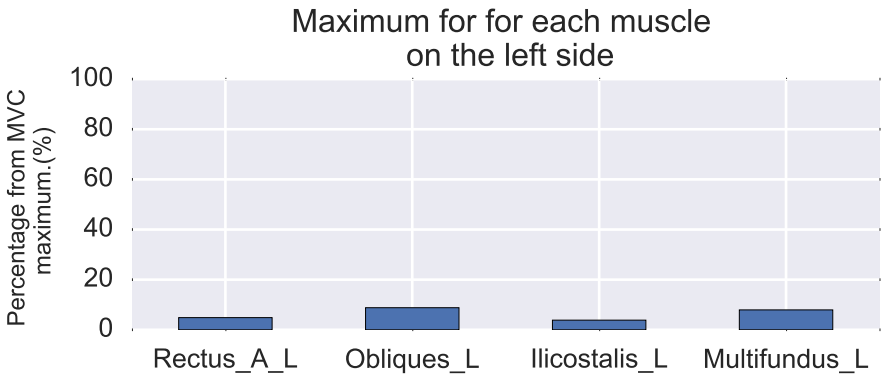
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	4.85374541914	1.68258918958
Obliques	8.80867728026	8.04385278869
Ilicostalis	3.8465367679	3.70083415791
Multifidus	7.93633694642	8.21936518777

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

	COP X	COP Y
Rectus_A_L	0.447514181197	0.350654153392
Obliques_L	0.374111808572	0.326288014842
Ilicostalis_L	0.444486622773	0.32797905111
Multifidus_L	0.242230723734	0.19856232193
Rectus_A_R	0.451741964218	0.341233897475
Obliques_R	0.481539666969	0.367476787128
Ilicostalis_R	0.253117205715	0.270602671649
Multifidus_R	0.257498744899	0.196001297351

Table 3 - Relevant COP values

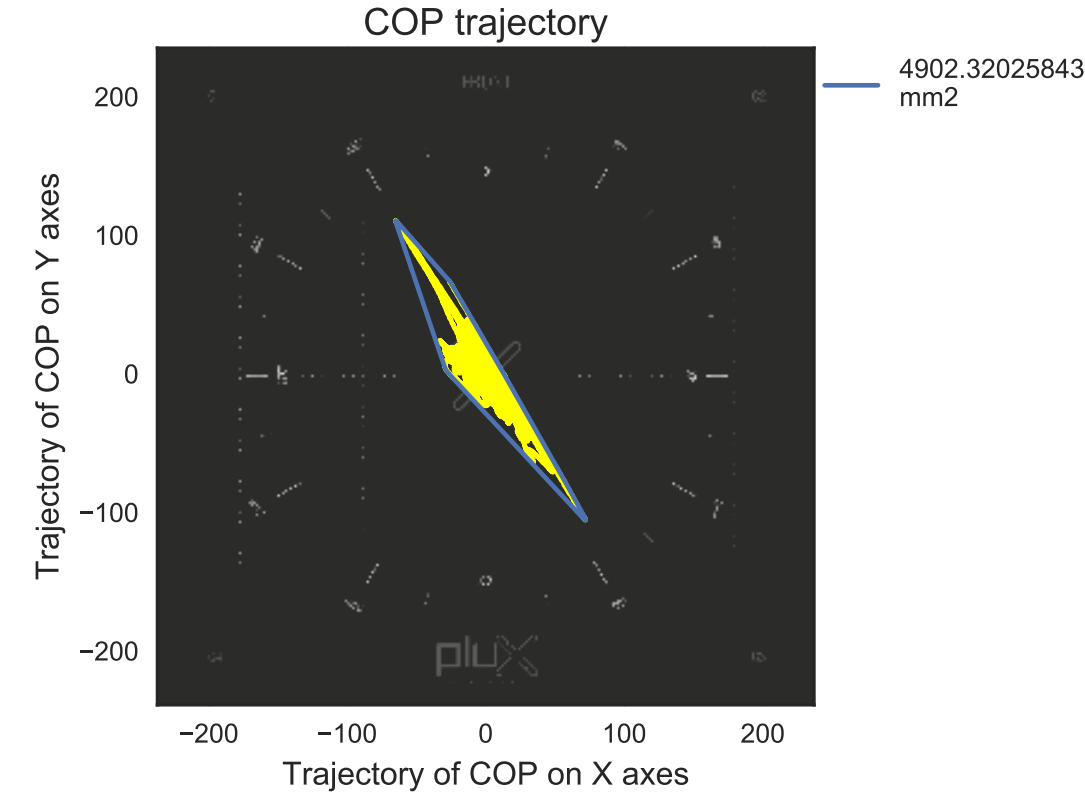|	COP X	COP Y
Velocity (mm/s)	-0.264525058943	0.140238861856
Mean Point(mm)	-4.72937244922e-15	-1.024697364e-14

OneFootStanding_L_EC
Patient5_Healthy

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence

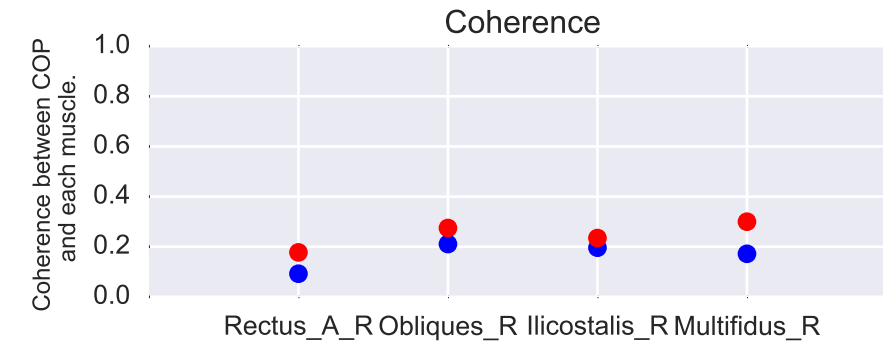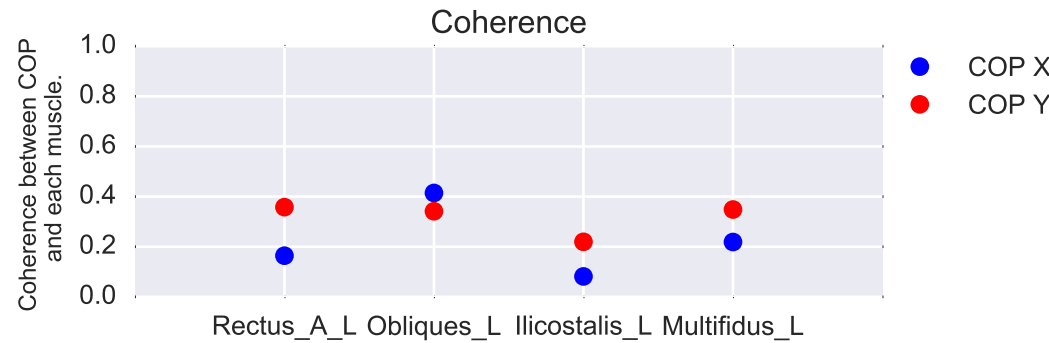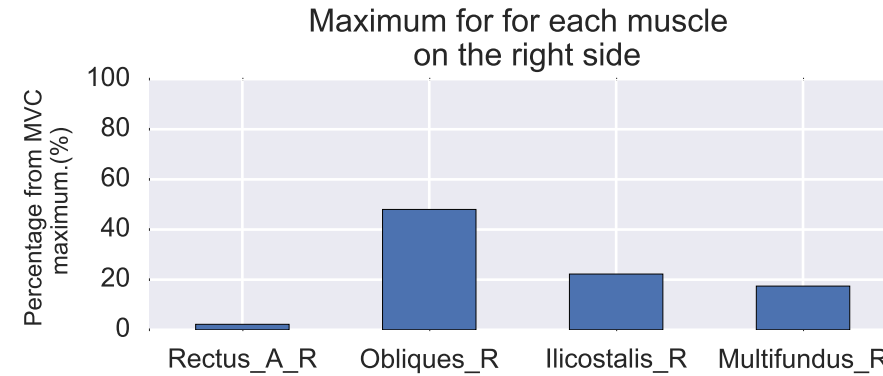### Coherence

COP trajectory

4902.32025843 mm2
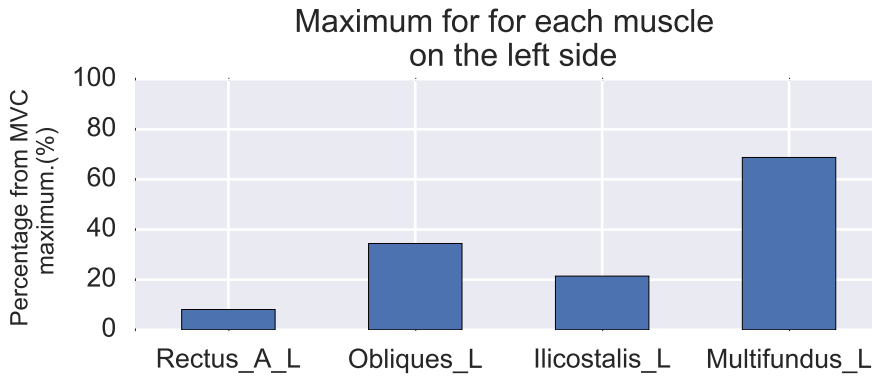
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	8.0911612273	2.18398484137
Obliques	34.426116162	48.0094403289
Ilicostalis	21.4138336241	22.2390042401
Multifidus	68.744737644	17.4302152232

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

	COP X	COP Y
Rectus_A_L	0.164292013686	0.357879037665
Obliques_L	0.414586887054	0.341533981494
Ilicostalis_L	0.0815351745512	0.219630934497
Multifidus_L	0.218833687592	0.348463600061
Rectus_A_R	0.0923695168938	0.177422845492
Obliques_R	0.210707687296	0.274749155017
Ilicostalis_R	0.196216750695	0.234646791116
Multifidus_R	0.171836354032	0.299941715202

Table 3 - Relevant COP values

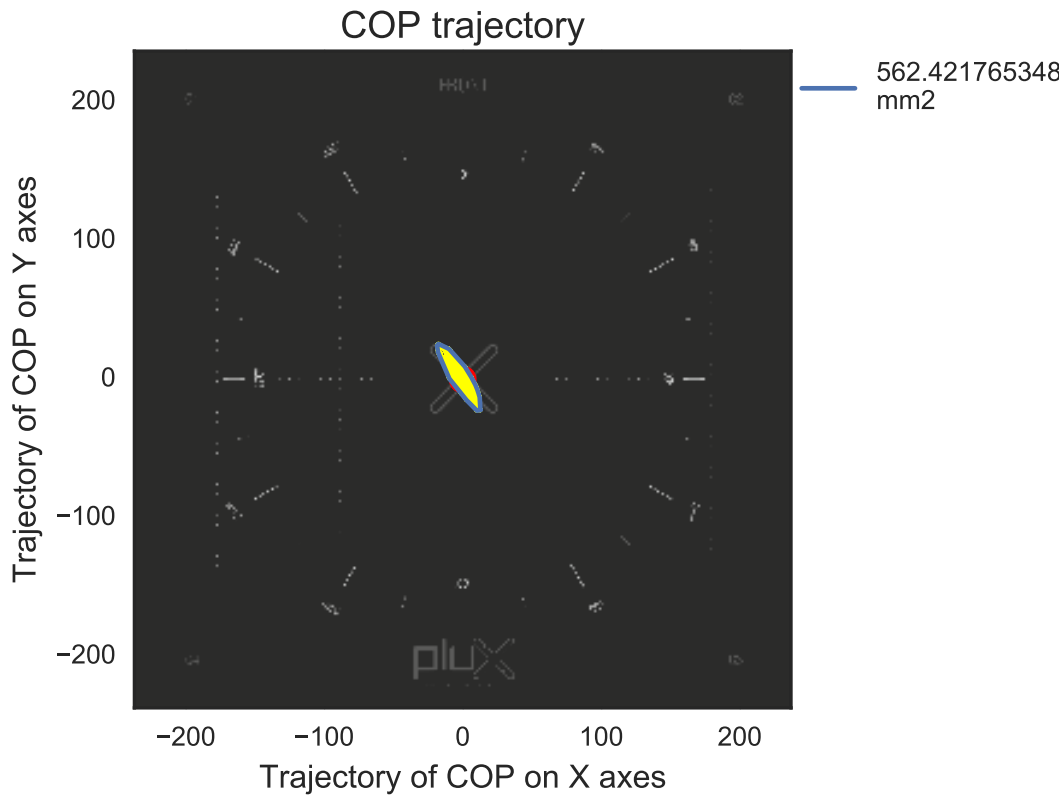|	COP X	COP Y
Velocity (mm/s)	-0.752594935995	2.67746899918
Mean Point(mm)	4.85063840946e-16	-1.72803993337e-15

OneFootStanding_L_EO
Patient5_Healthy

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence

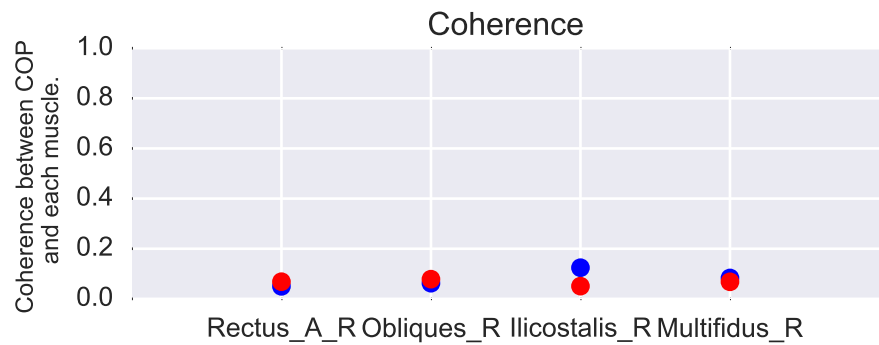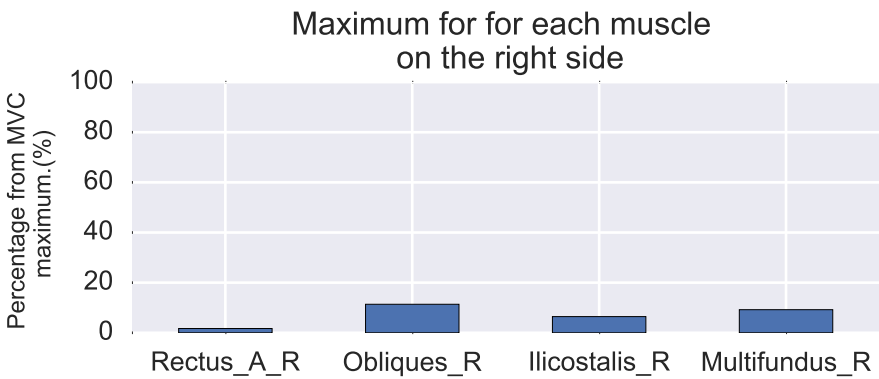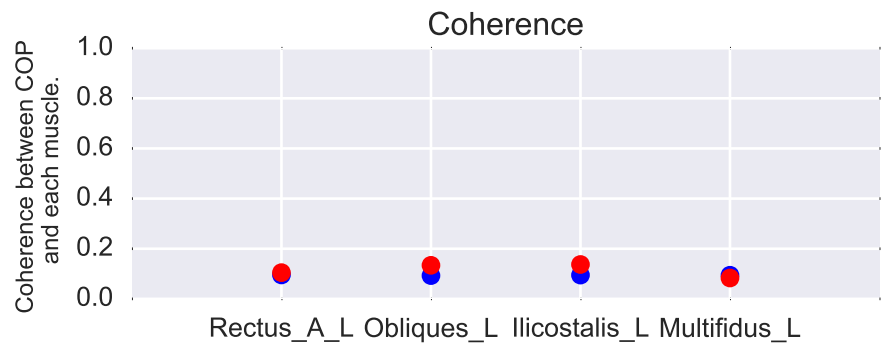### Coherence

COP trajectory

562.421765348 mm2
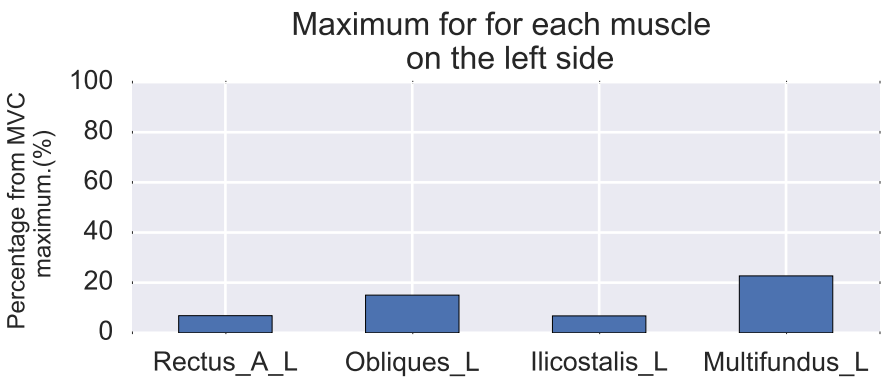
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	6.83022727509	1.7060795439
Obliques	15.0281621561	11.3803764631
Ilicostalis	6.73765635738	6.45897385796
Multifidus	22.6964005559	9.21393684097

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

	COP X	COP Y
Rectus_A_L	0.0954307762315	0.10469342254
Obliques_L	0.0928722725383	0.13387846011
Ilicostalis_L	0.0948645641489	0.137163303191
Multifidus_L	0.0943310017713	0.083241892864
Rectus_A_R	0.0499371793699	0.0685056328947
Obliques_R	0.0624588501808	0.0785904380286
Ilicostalis_R	0.124342379566	0.0507443234838
Multifidus_R	0.0834073205461	0.0681054070136

Table 3 - Relevant COP values

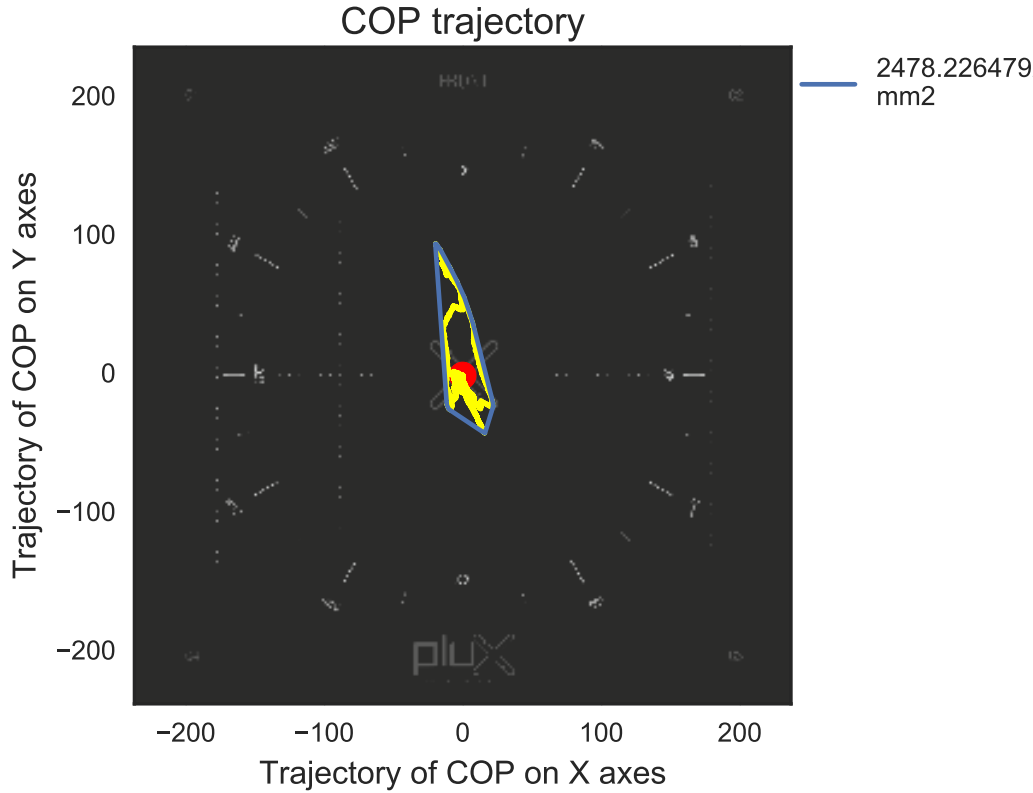|	COP X	COP Y
Velocity (mm/s)	0.053510746545	-0.556128127837
Mean Point(mm)	-2.64489084229e-15	2.51448535196e-15

Reach_R
Patient5_Healthy

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence

Coherence

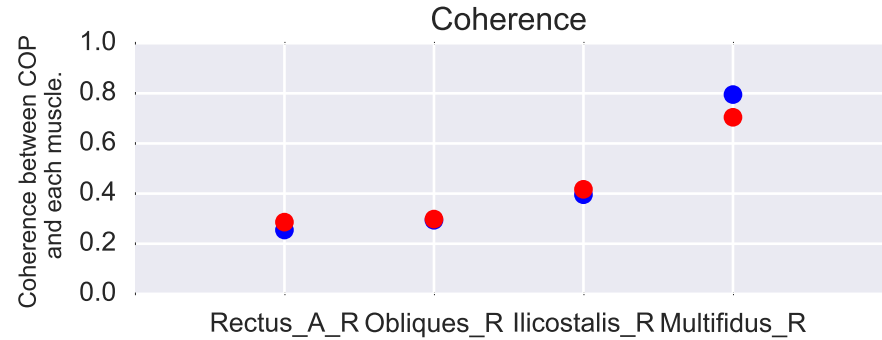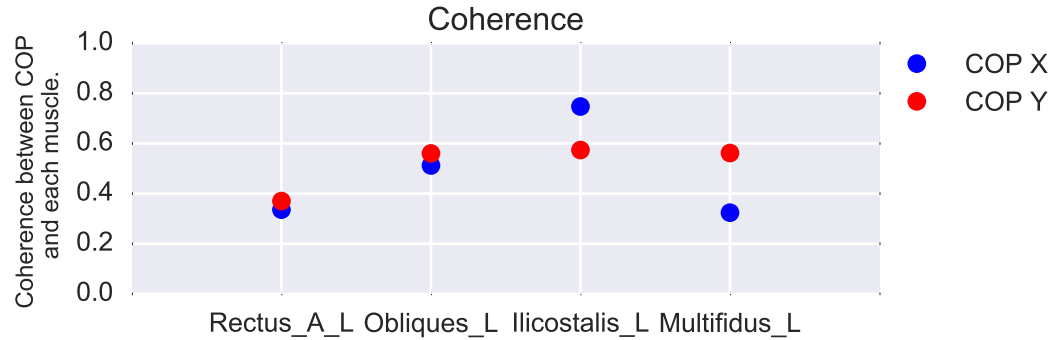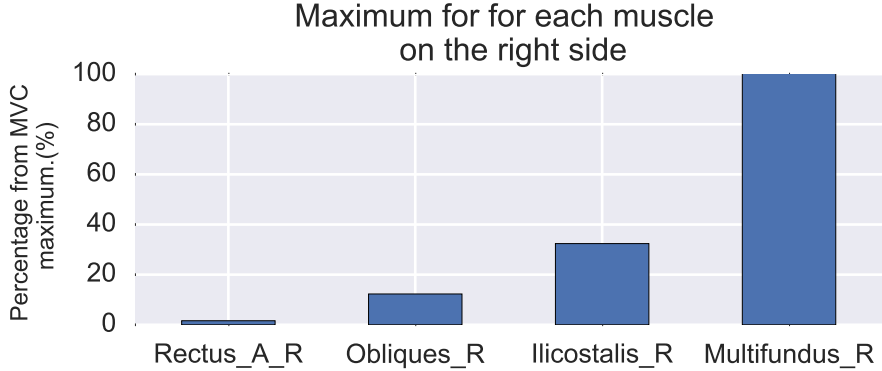### COP trajectory

2478.22647922 mm2
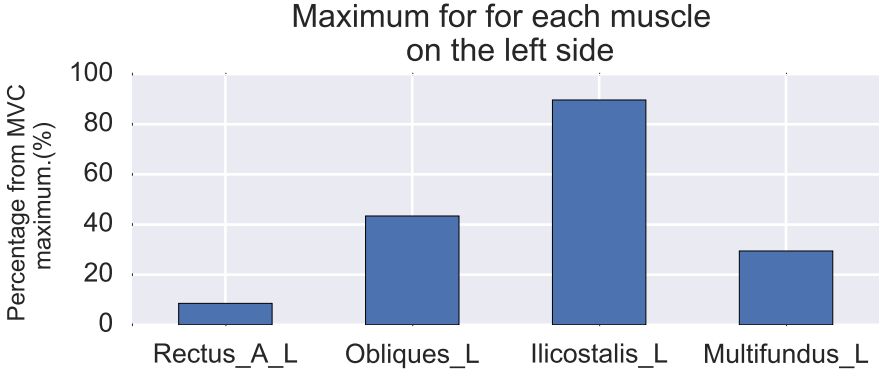
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	8.54714152903	1.61775339361
Obliques	43.4049691622	12.2932016559
Ilicostalis	89.686123101	32.3912215891
Multifidus	29.4469065399	121.624079207

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

	COP X	COP Y
Rectus_A_L	0.336010473789	0.370197026519
Obliques_L	0.512216895274	0.560221242743
Ilicostalis_L	0.747358154754	0.573778624969
Multifidus_L	0.323852780244	0.561890722234
Rectus_A_R	0.254770225165	0.286208445788
Obliques_R	0.293598989344	0.298359834571
Ilicostalis_R	0.395577703788	0.41712420367
Multifidus_R	0.795074145797	0.704437136075

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	0.304271382875	-0.126785418632
Mean Point(mm)	1.72803993337e-15	-1.09139364213e-15