OneFootStanding_R_EO
Patient1
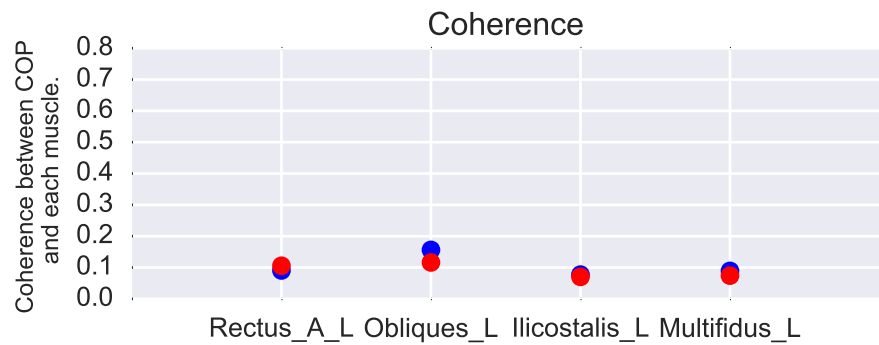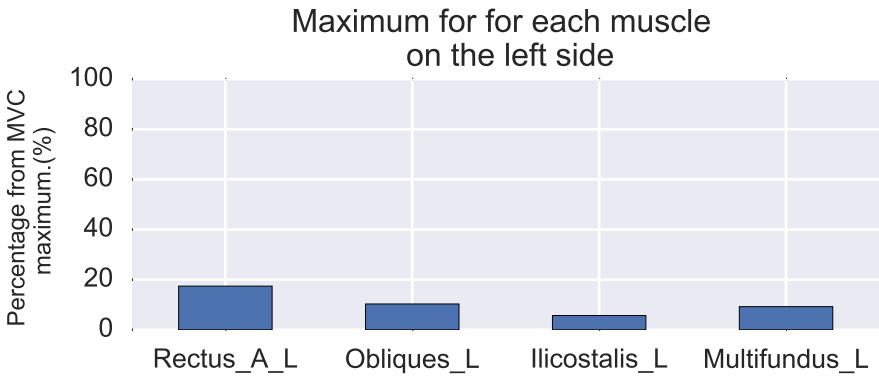

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence

COP trajectory

378.470295258 mm2

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

	Left Side	Right Side
Rectus_A	17.4199646693	18.0268944062
Obliques	10.2957534991	18.7107373426
Ilicostalis	5.6946661264	6.79672311587
Multifidus	9.22828082302	11.9078194881
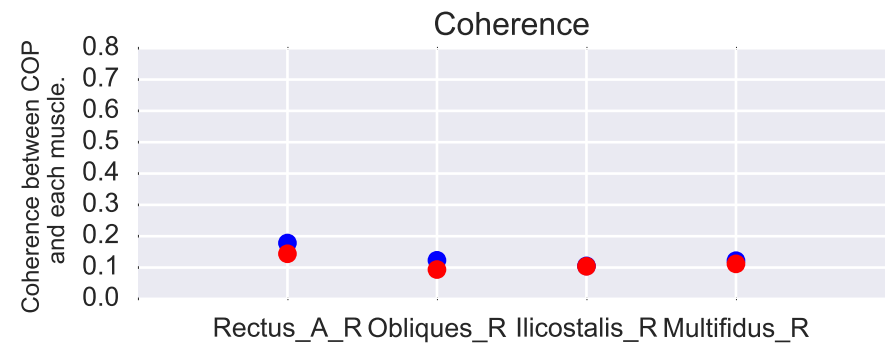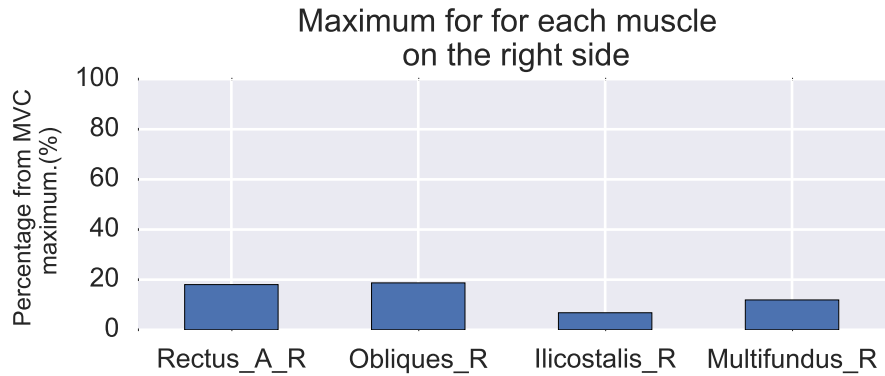
Table 2 - Coherence of frequency signals between frequencys of 0 Hz to 40 Hz

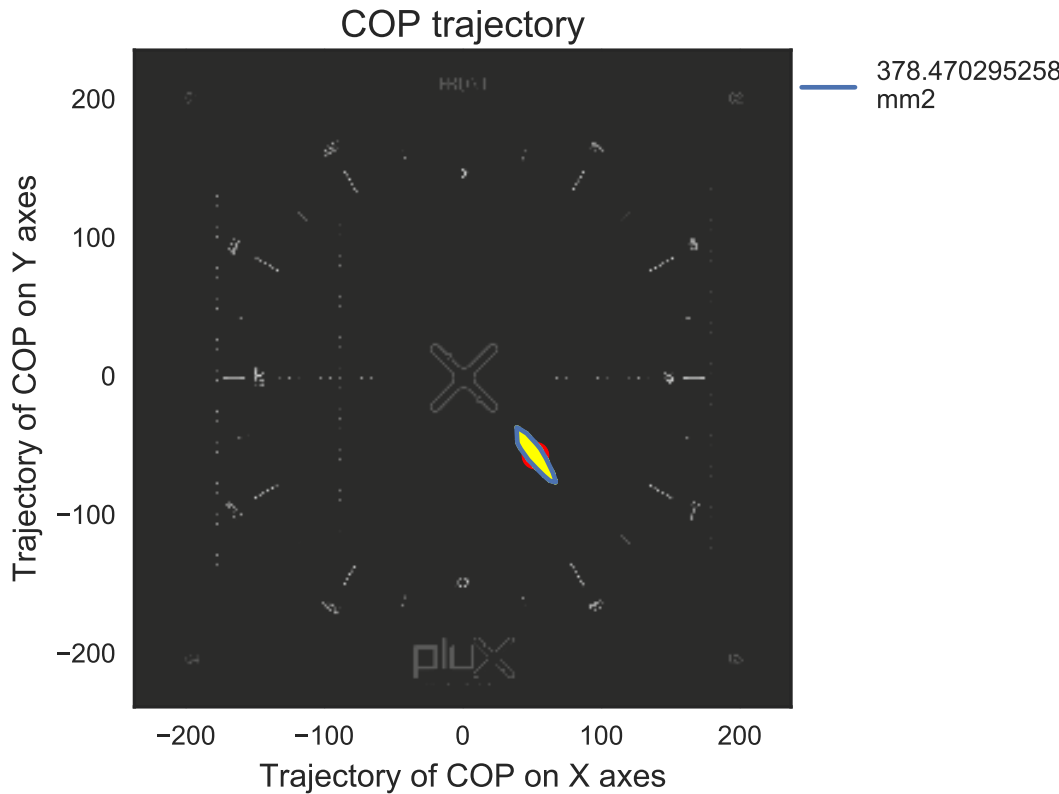|	COP X	COP Y
Rectus_A_L	0.0906152210863	0.105700676151
Obliques_L	0.156288022735	0.116227955602
Ilicostalis_L	0.0774547389982	0.0701790380897
Multifidus_L	0.0892686685696	0.074117103042
Rectus_A_R	0.178243874216	0.143898396155
Obliques_R	0.123051836605	0.0936005576536
Ilicostalis_R	0.105234698058	0.103855658597
Multifidus_R	0.121886362549	0.111721612605

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	-0.00165009354699	0.211951420444
Mean Point(mm)	52.5281051695	-55.6763886078

Standing_EO
Patient1

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory

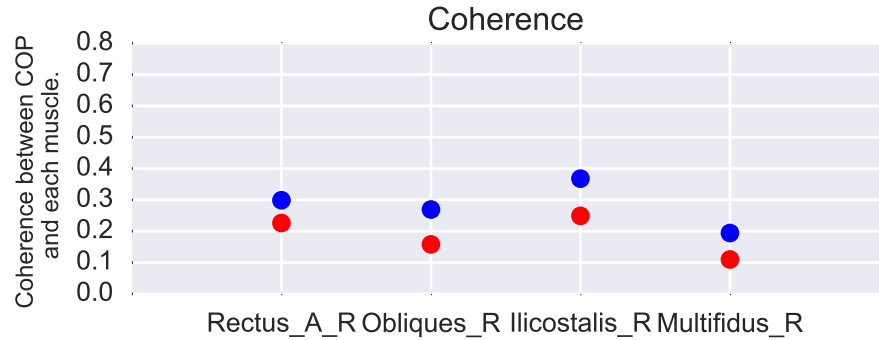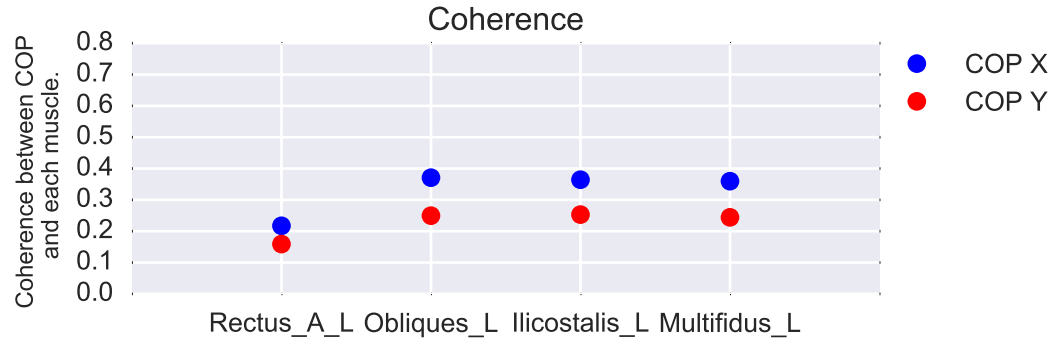143.386229875 mm2

Coherence

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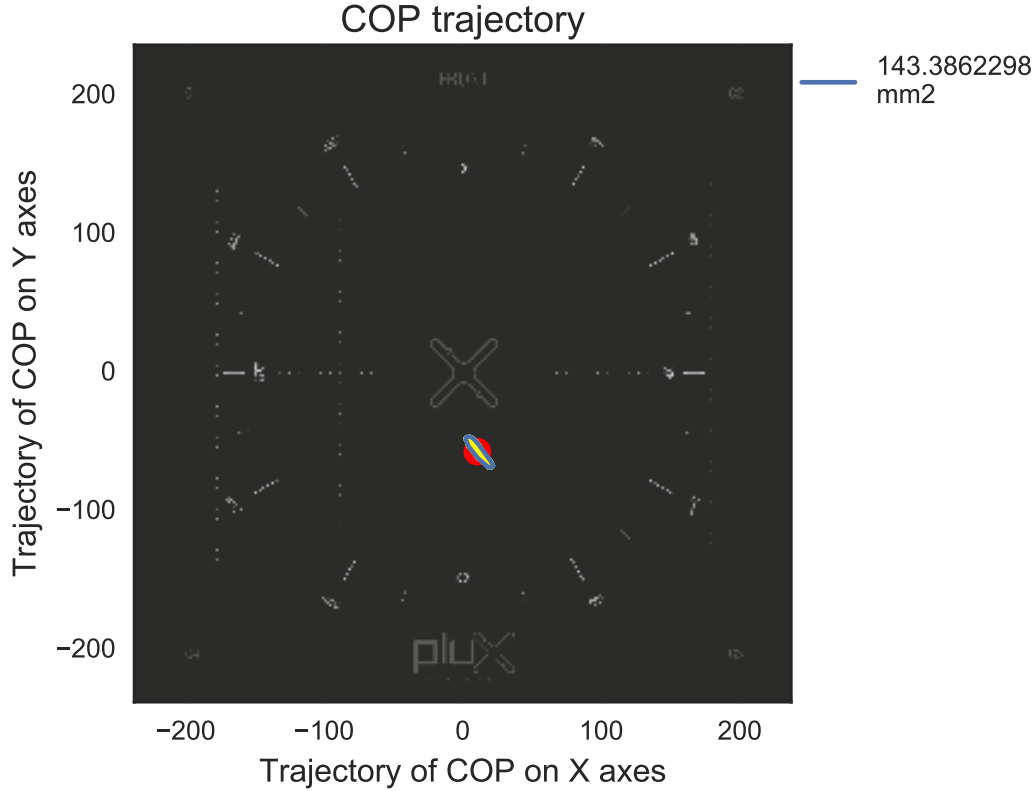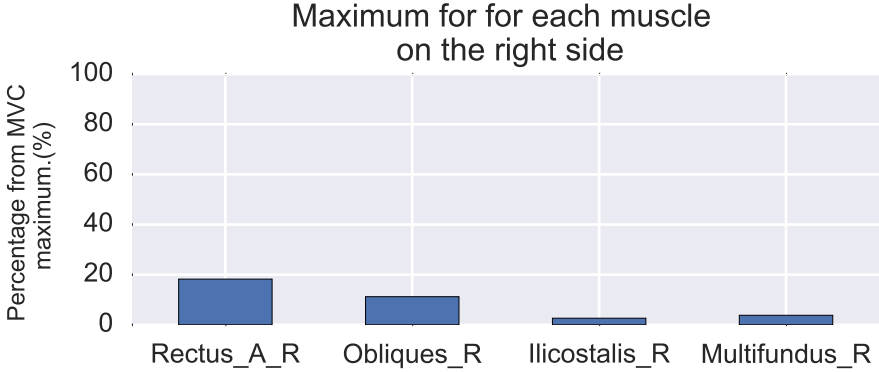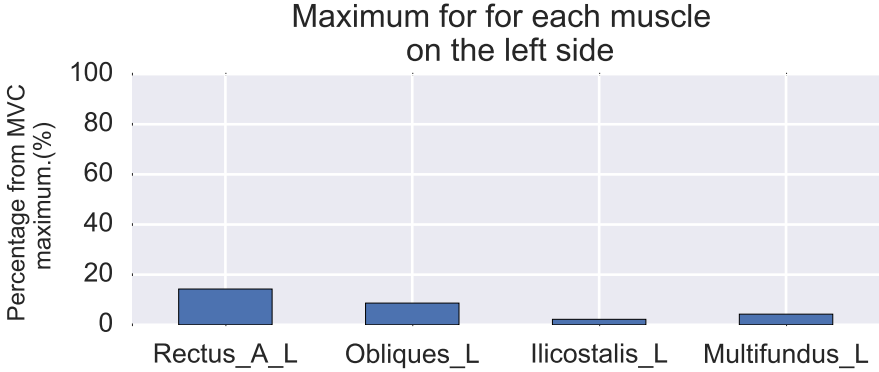
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	14.2688875847	18.2293548453
Obliques	8.65702011444	11.2114798633
Ilicostalis	2.18074784775	2.62307328971
Multifidus	4.2433687834	3.79498190514

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

	COP X	COP Y
Rectus_A_L	0.217262323925	0.158930582066
Obliques_L	0.370790543805	0.249548081449
Ilicostalis_L	0.364345313196	0.252967488542
Multifidus_L	0.359642751141	0.244227160233
Rectus_A_R	0.298779076812	0.226092566519
Obliques_R	0.26920167014	0.157944224986
Ilicostalis_R	0.367797101923	0.249046730645
Multifidus_R	0.194208189423	0.109838807943

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	-0.296248457735	0.483415619765
Mean Point(mm)	10.5990225151	-56.4360970141

Reach_L
Patient1

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence

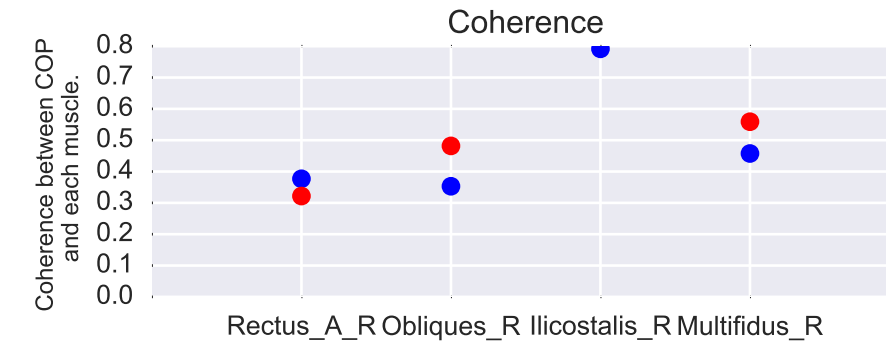## COP trajectory

930.954181008 mm2
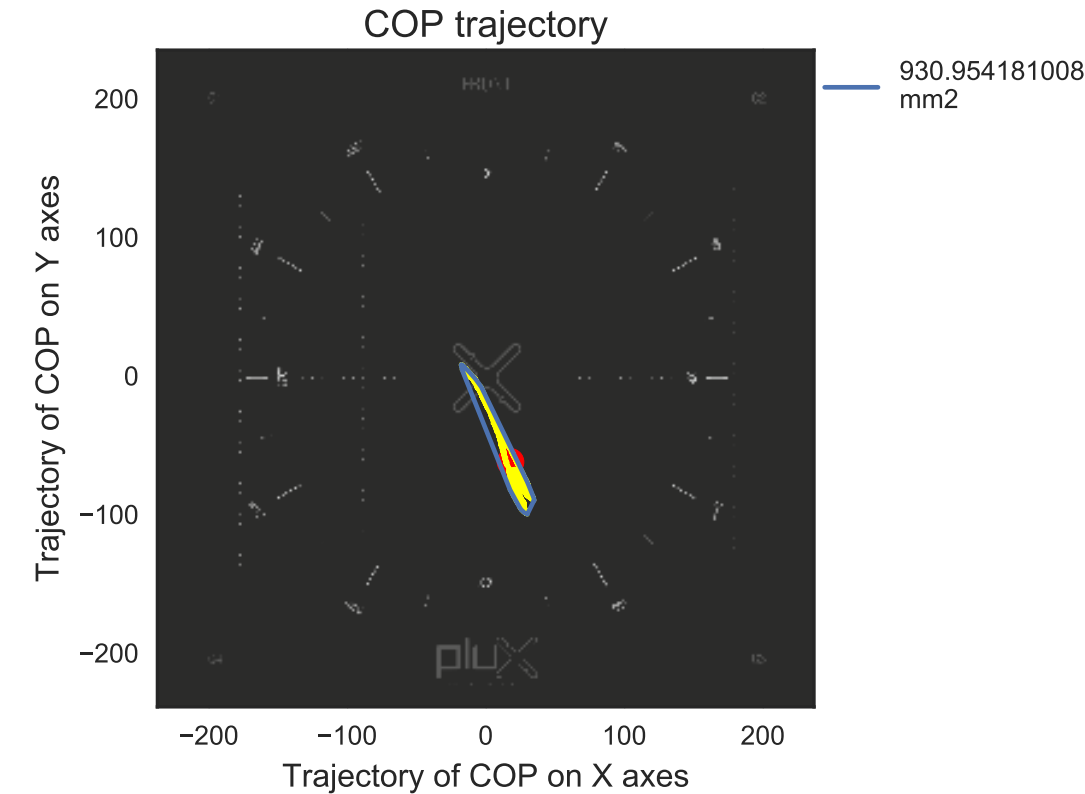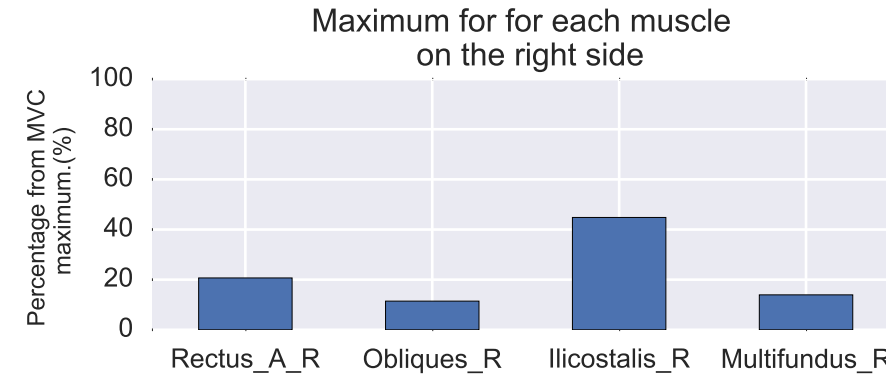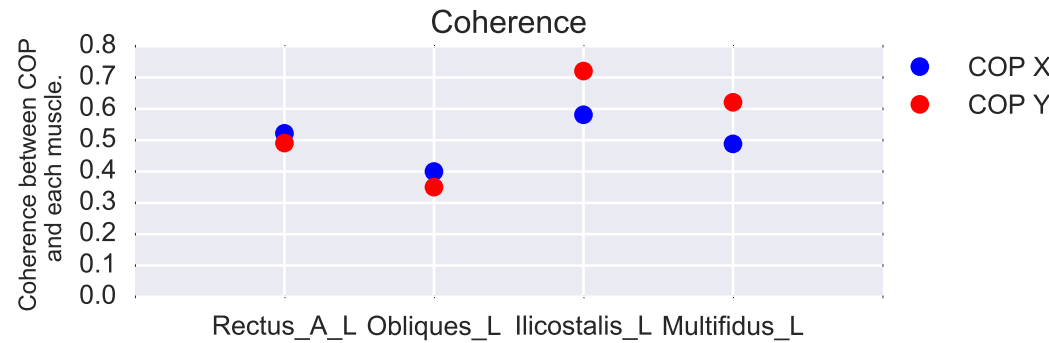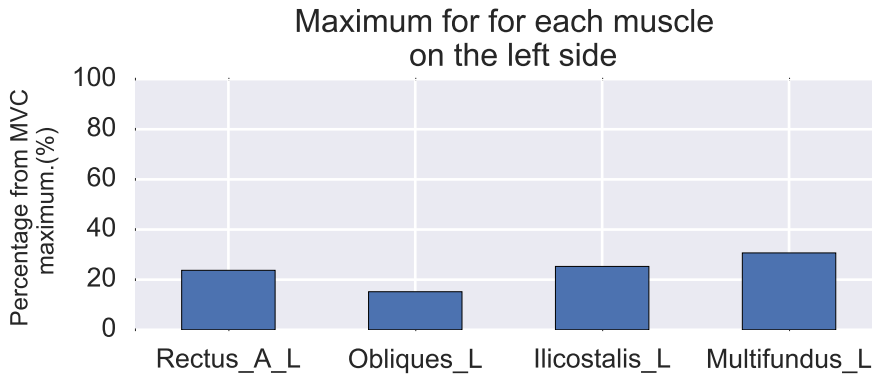
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	23.726285247	20.6825497768
Obliques	15.1822095228	11.4354624654
Ilicostalis	25.2773363511	44.8124438531
Multifidus	30.6663599026	13.934118572

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

	COP X	COP Y
Rectus_A_L	0.52189072502	0.490826767077
Obliques_L	0.400051504468	0.350158687873
Ilicostalis_L	0.581098762547	0.7206664162
Multifidus_L	0.488265215276	0.620904238419
Rectus_A_R	0.376874974234	0.321742744297
Obliques_R	0.353010846867	0.481774618185
Ilicostalis_R	0.791581291073	0.870023137311
Multifidus_R	0.457573175739	0.558997713914

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	0.507695954734	-1.71043019747
Mean Point(mm)	17.9046487995	-60.2429516452

Reach_C
Patient1

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence

Coherence

COP trajectory
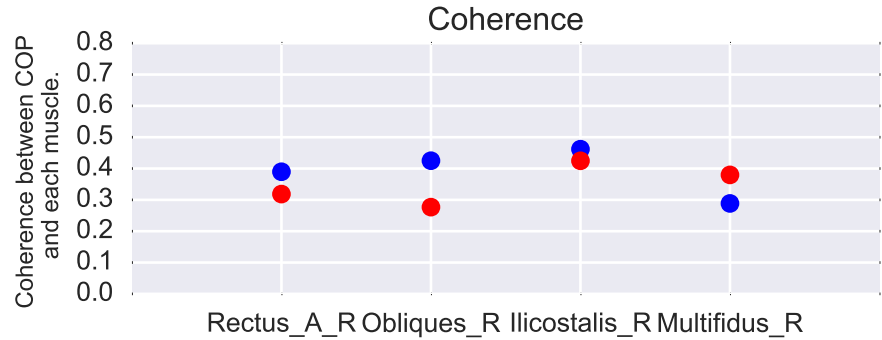

1809.04656505 mm2
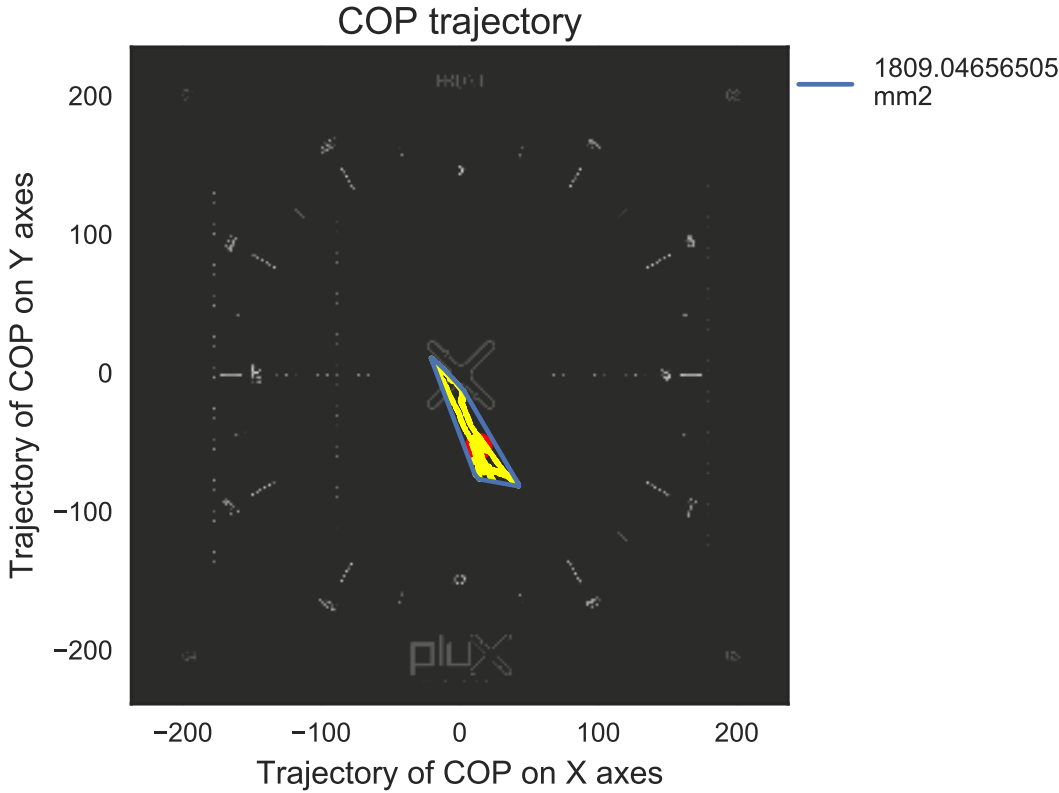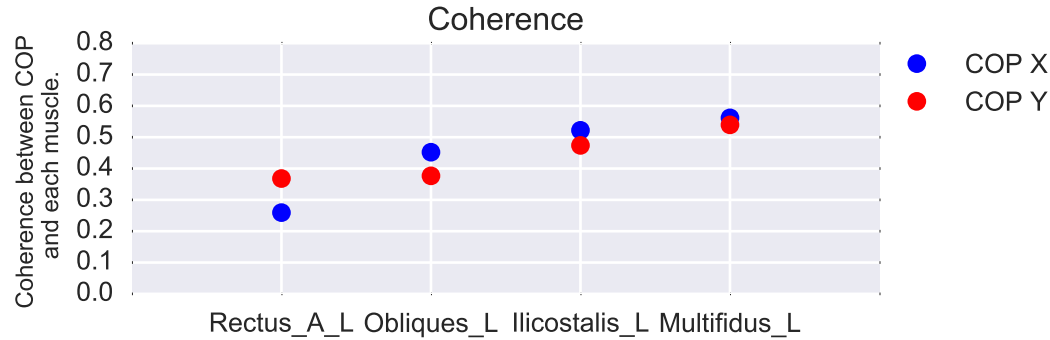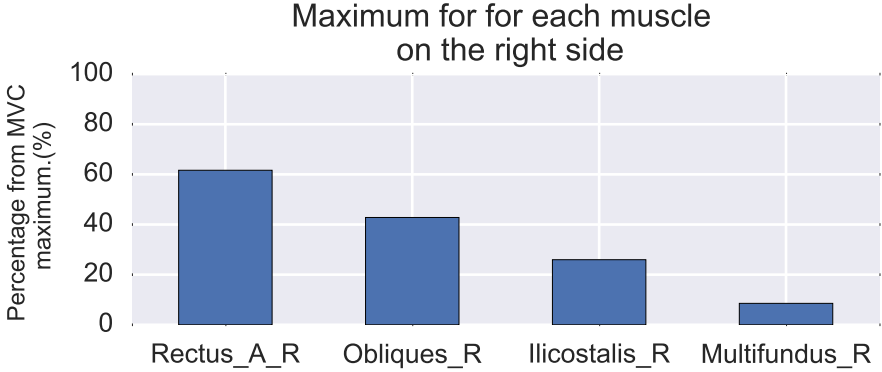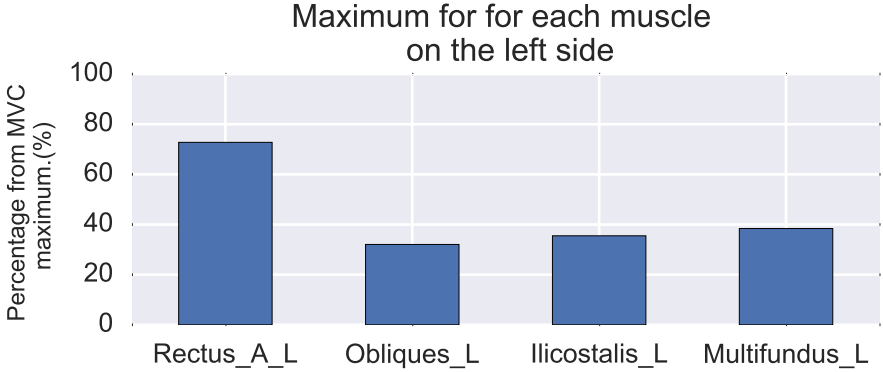
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	72.7844046096	61.6490698052
Obliques	32.0487534213	42.8104576892
Ilicostalis	35.4997372488	25.9622502657
Multifidus	38.4044084238	8.55083575865

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

	COP X	COP Y
Rectus_A_L	0.259325399145	0.368102908082
Obliques_L	0.452098783267	0.37667836302
Ilicostalis_L	0.521974764803	0.473845250779
Multifidus_L	0.561722956606	0.53939182709
Rectus_A_R	0.389721869978	0.318492598192
Obliques_R	0.424981042511	0.276800495326
Ilicostalis_R	0.461794629781	0.424701959913
Multifidus_R	0.288631400542	0.379693028834

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	-0.562313947617	-0.802718587008
Mean Point(mm)	13.6035731915	-51.2652846812

Reach_Ground
Patient1

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory

1417.76101766 mm2

Coherence

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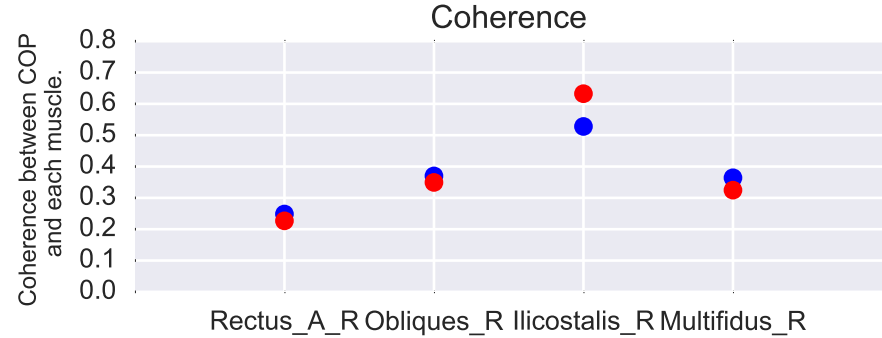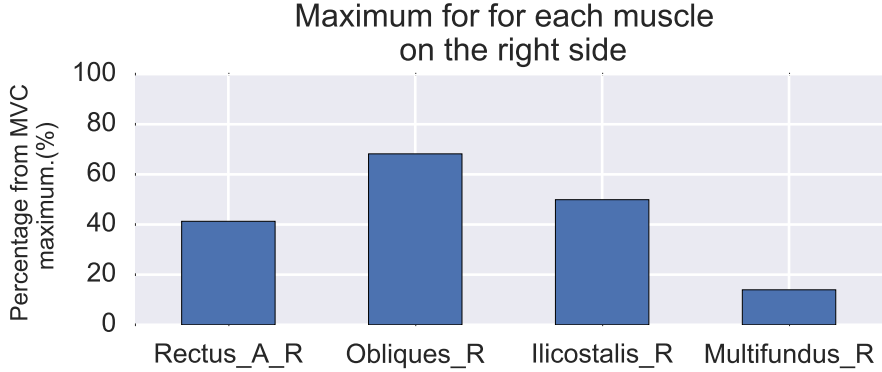- COP Y (red)

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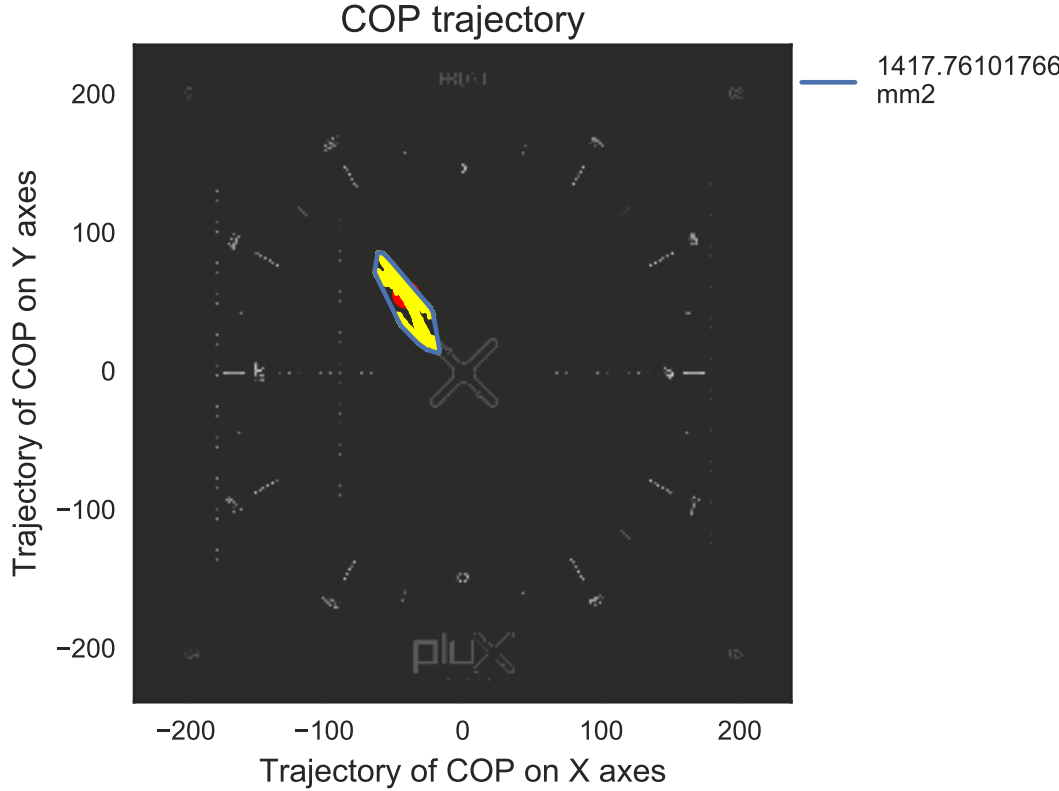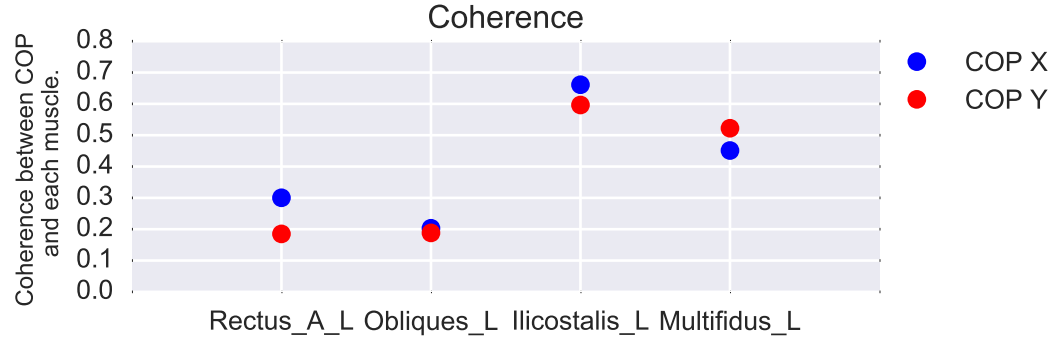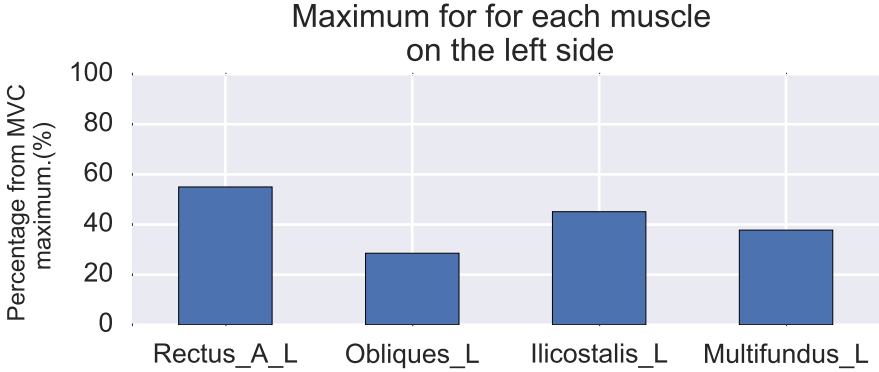
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	54.9888147446	41.2843587844
Obliques	28.5462406419	68.1896834994
Ilicostalis	45.1135909514	49.9033700899
Multifidus	37.7723697236	13.9544205446

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

	COP X	COP Y
Rectus_A_L	0.300259374037	0.184998063353
Obliques_L	0.203021859546	0.188189690145
Ilicostalis_L	0.661045094342	0.596406639243
Multifidus_L	0.451111320432	0.522202106397
Rectus_A_R	0.248452214823	0.226686822411
Obliques_R	0.369999987071	0.349264956619
Ilicostalis_R	0.527896106165	0.63249526674
Multifidus_R	0.364113847706	0.324632921428

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	-2.1866573895	1.51933201581
Mean Point(mm)	-40.892782204	56.849305527

OneFootStanding_R_EC
Patient1

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory

8483.25688982 mm2

Coherence

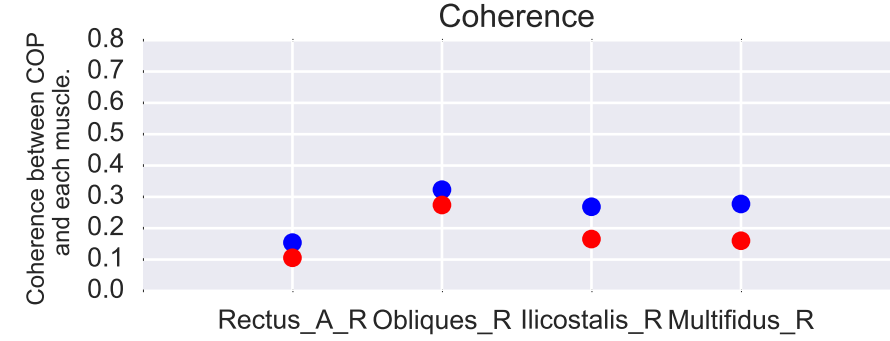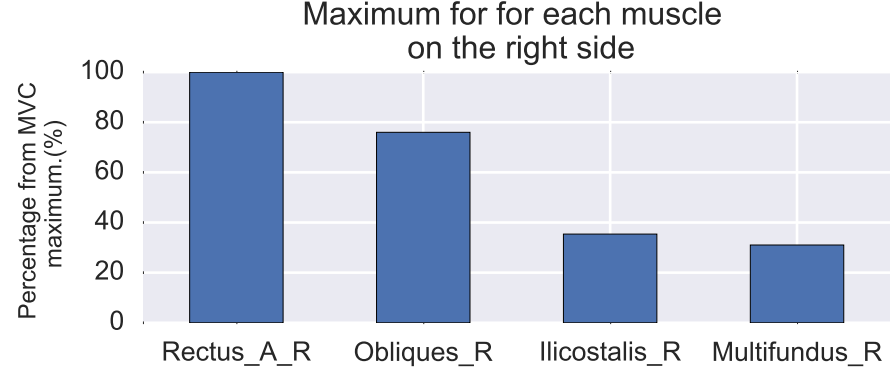- COP X (blue)
- COP Y (red)

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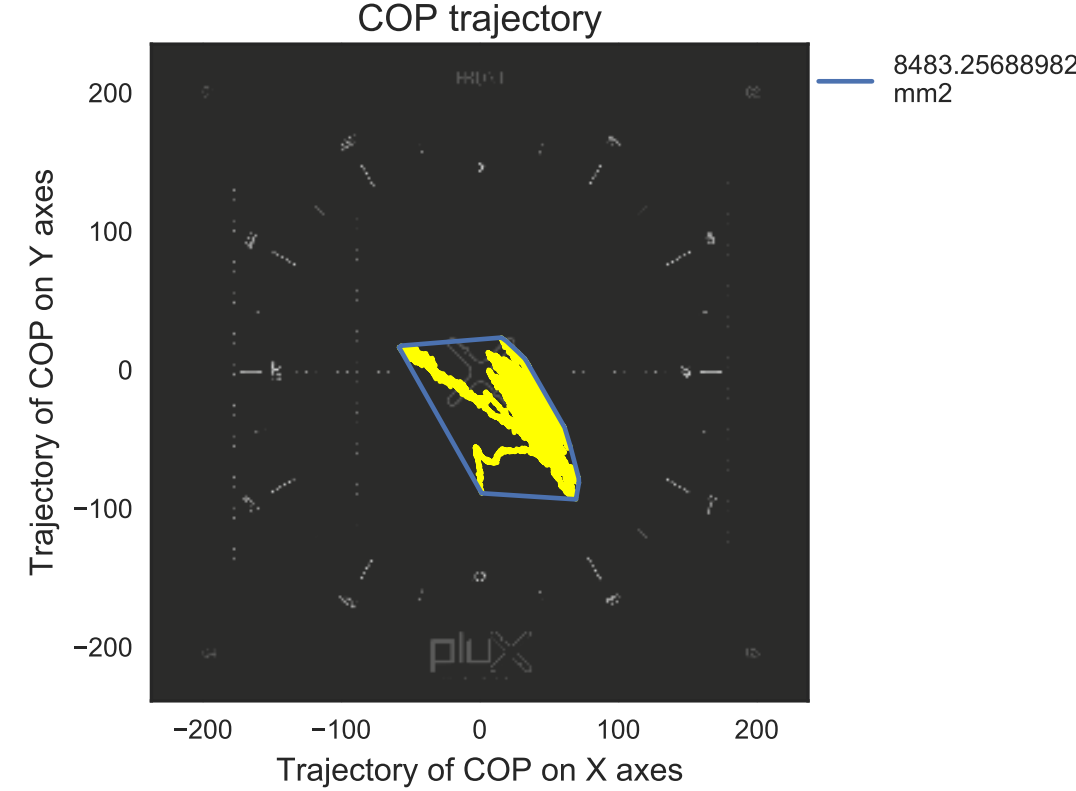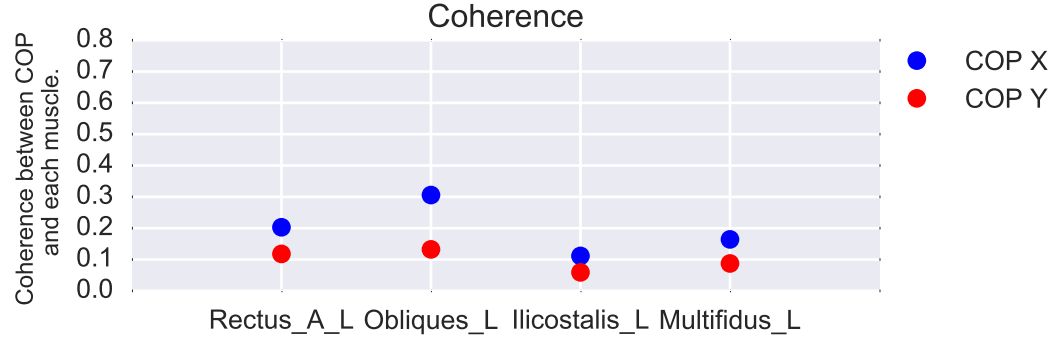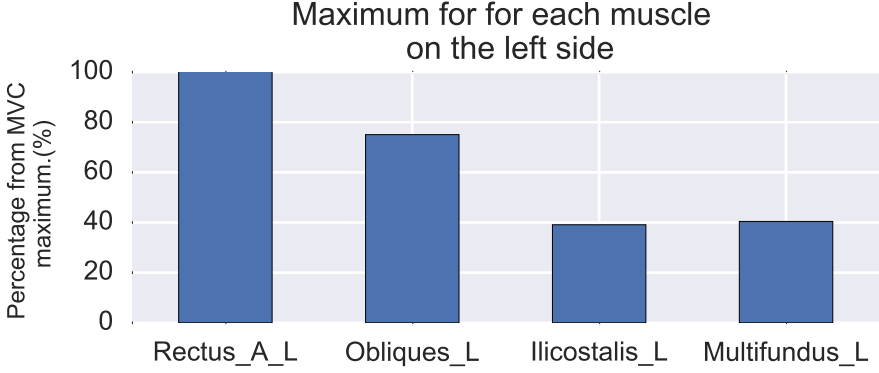
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	103.647552035	99.9315793405
Obliques	75.0555735191	75.9858087779
Ilicostalis	39.1063118533	35.3871174575
Multifidus	40.4324839636	31.031180332

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

	COP X	COP Y
Rectus_A_L	0.202948088521	0.117965810399
Obliques_L	0.305816717592	0.132407020291
Ilicostalis_L	0.111567658281	0.0590561593912
Multifidus_L	0.164263229428	0.0874566880015
Rectus_A_R	0.154059241882	0.105590294294
Obliques_R	0.322947562771	0.274054408696
Ilicostalis_R	0.268427138428	0.165387955311
Multifidus_R	0.277365142089	0.159982908263

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	-1.66651428504	-1.12465084412
Mean Point(mm)	36.4182292769	-32.3199767871

Standing_EC
Patient1

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence

Coherence

COP trajectory
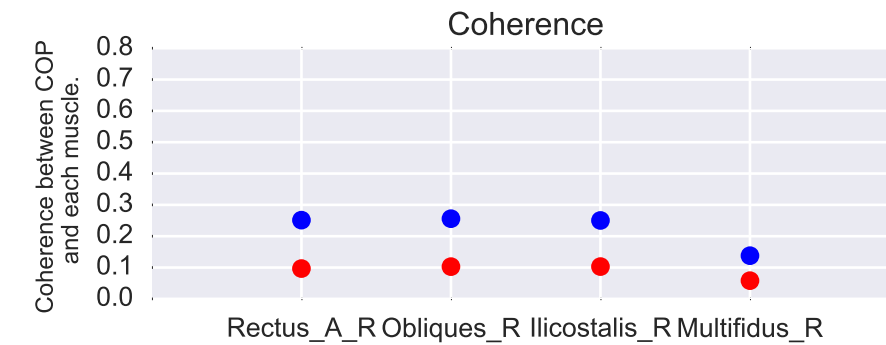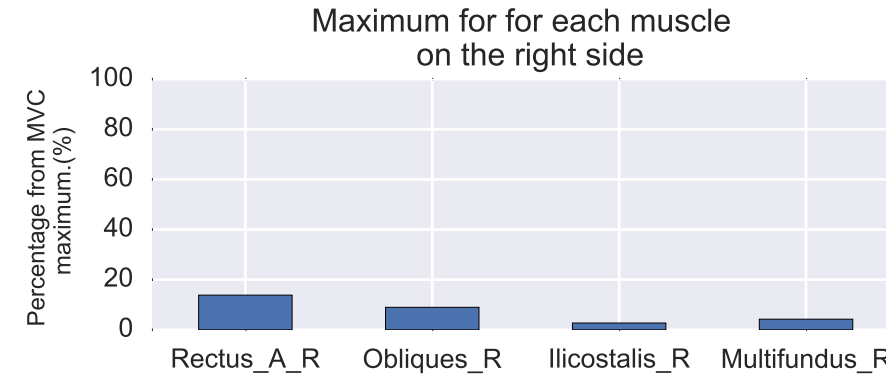
196.60449176 mm2
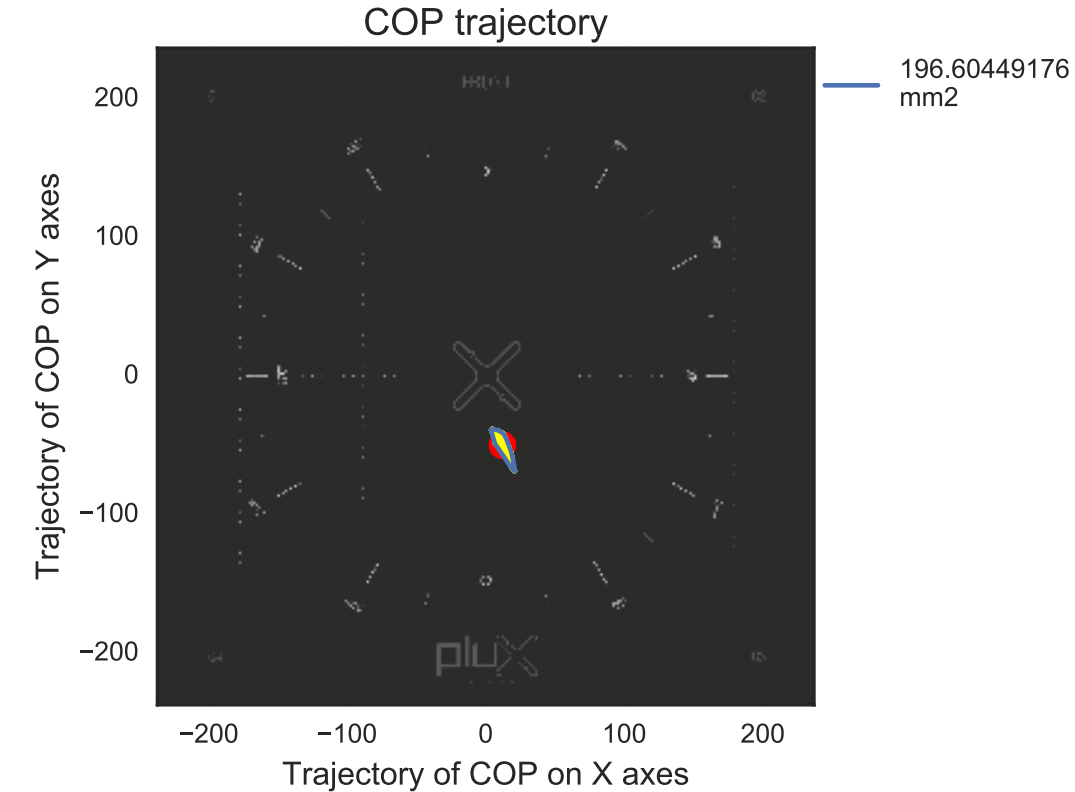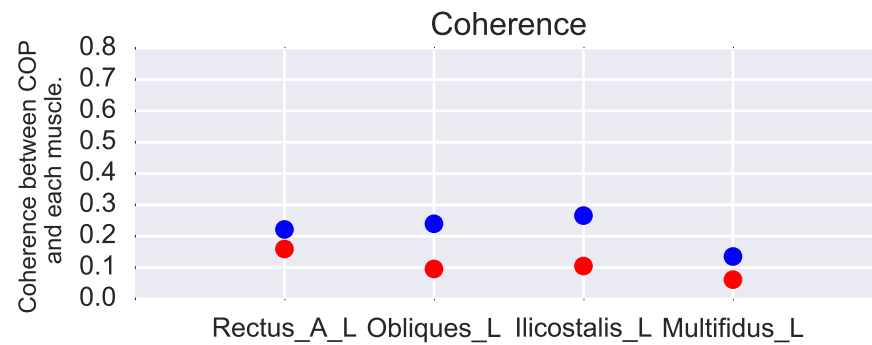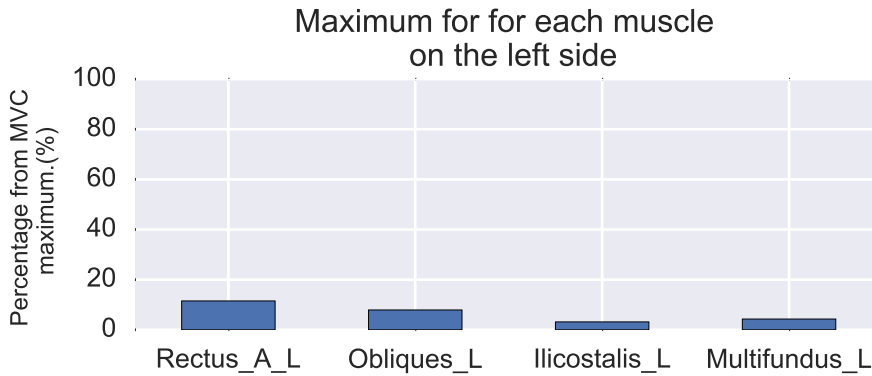
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	11.5076380376	13.8281497973
Obliques	7.9084273848	8.96726107836
Ilicostalis	3.14193041176	2.70205567257
Multifidus	4.28902945415	4.22666771576

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

	COP X	COP Y
Rectus_A_L	0.221538232973	0.159228207215
Obliques_L	0.239693553343	0.0955059453045
Ilicostalis_L	0.26568726924	0.104812057329
Multifidus_L	0.135229921392	0.0613876936572
Rectus_A_R	0.251259359758	0.0967321624222
Obliques_R	0.255899215096	0.102895373836
Ilicostalis_R	0.250262727198	0.103060737426
Multifidus_R	0.13783051869	0.0581243167883

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	-0.126792163476	0.206590212921
Mean Point(mm)	12.0855043733	-49.5503728082

OneFootStanding_L_EC
Patient1

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory

2450.20768051 mm2

Coherence (left)

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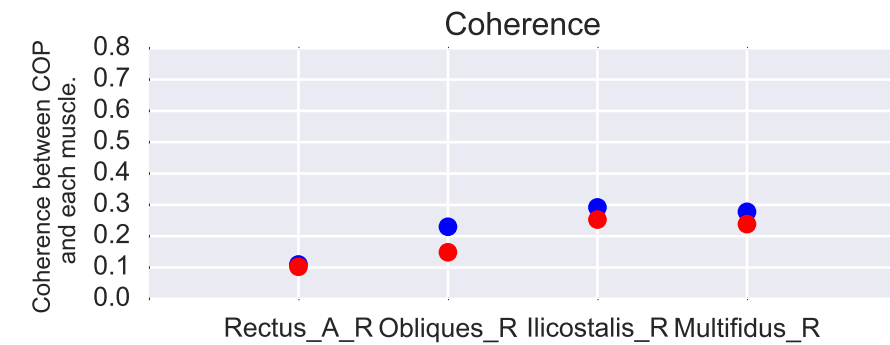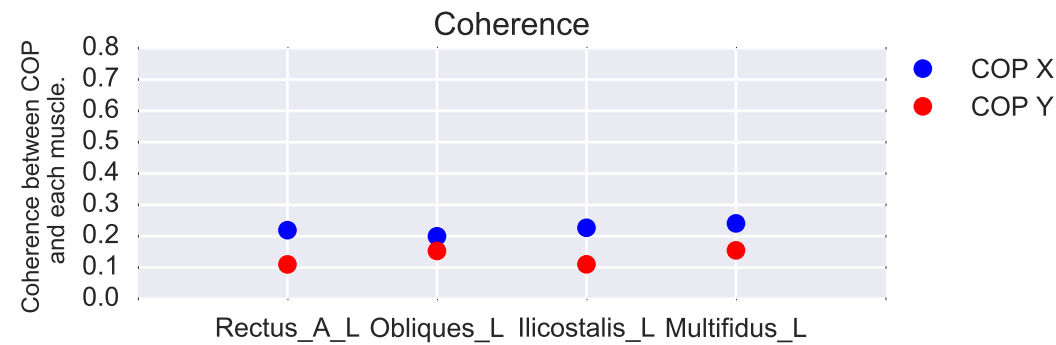
Coherence (right)
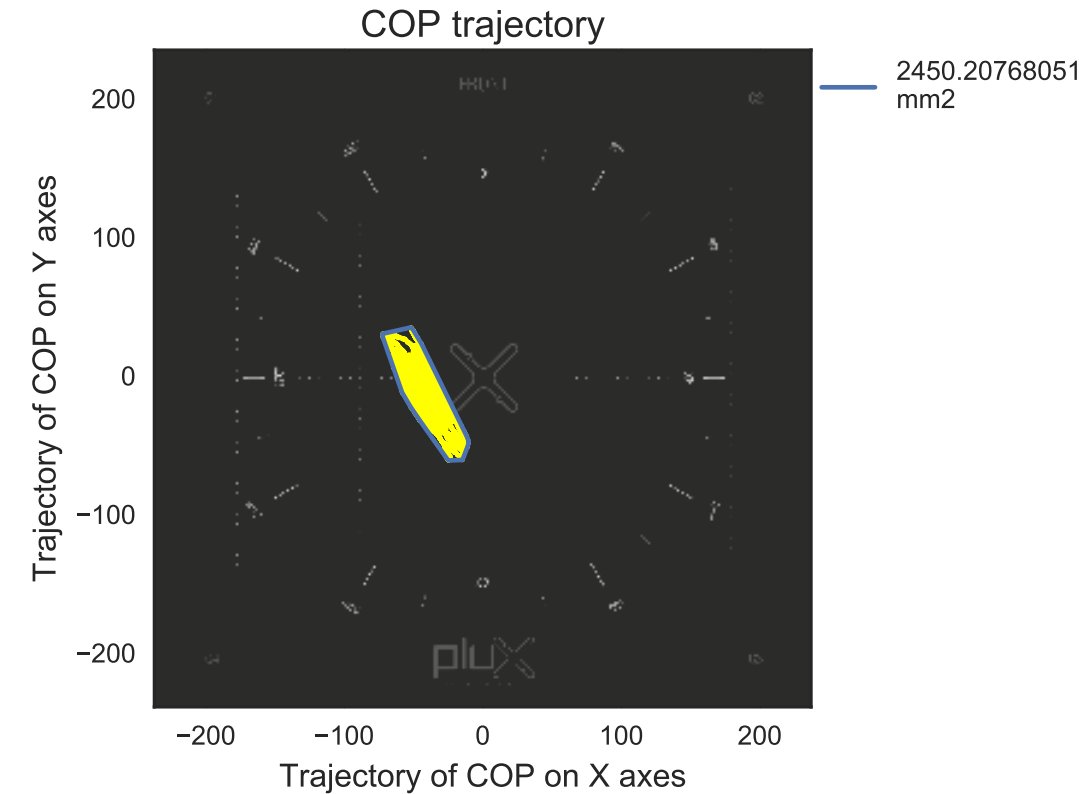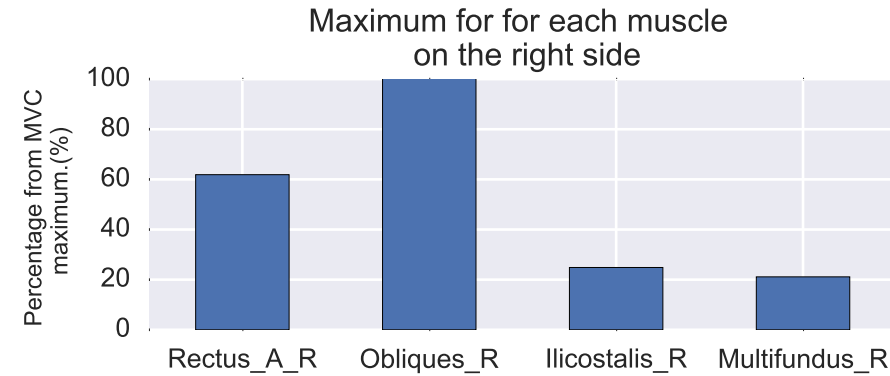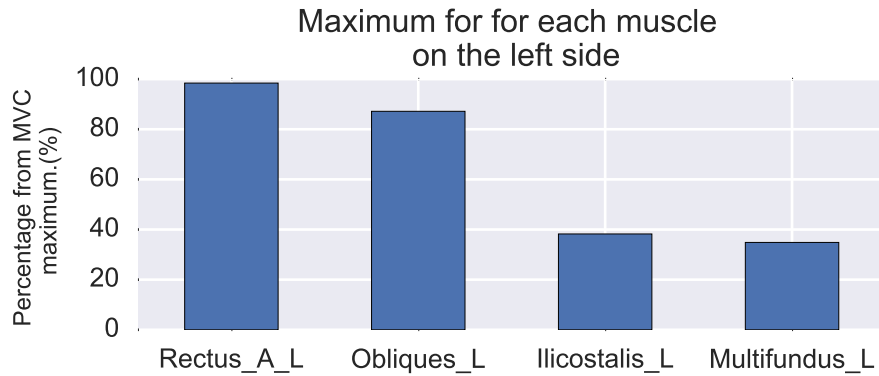
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	98.4183278278	61.8790858995
Obliques	87.1600042553	124.019360072
Ilicostalis	38.2295840228	24.8541362183
Multifidus	34.8503859607	21.1161581821

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

	COP X	COP Y
Rectus_A_L	0.219247496001	0.109989878628
Obliques_L	0.199739588053	0.152875676588
Ilicostalis_L	0.22681566923	0.110240670308
Multifidus_L	0.240876970109	0.154885318098
Rectus_A_R	0.109718709327	0.102455195819
Obliques_R	0.23014989404	0.148703225771
Ilicostalis_R	0.291943967071	0.253084853108
Multifidus_R	0.277840912137	0.238518005133

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	1.01496371247	-0.504729102308
Mean Point(mm)	-40.5141874584	-10.0094891756

Arms_extension
Patient1

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence (left)

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

Coherence (right)

COP trajectory

246.519499664 mm2

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

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

Table 3 - Relevant COP values
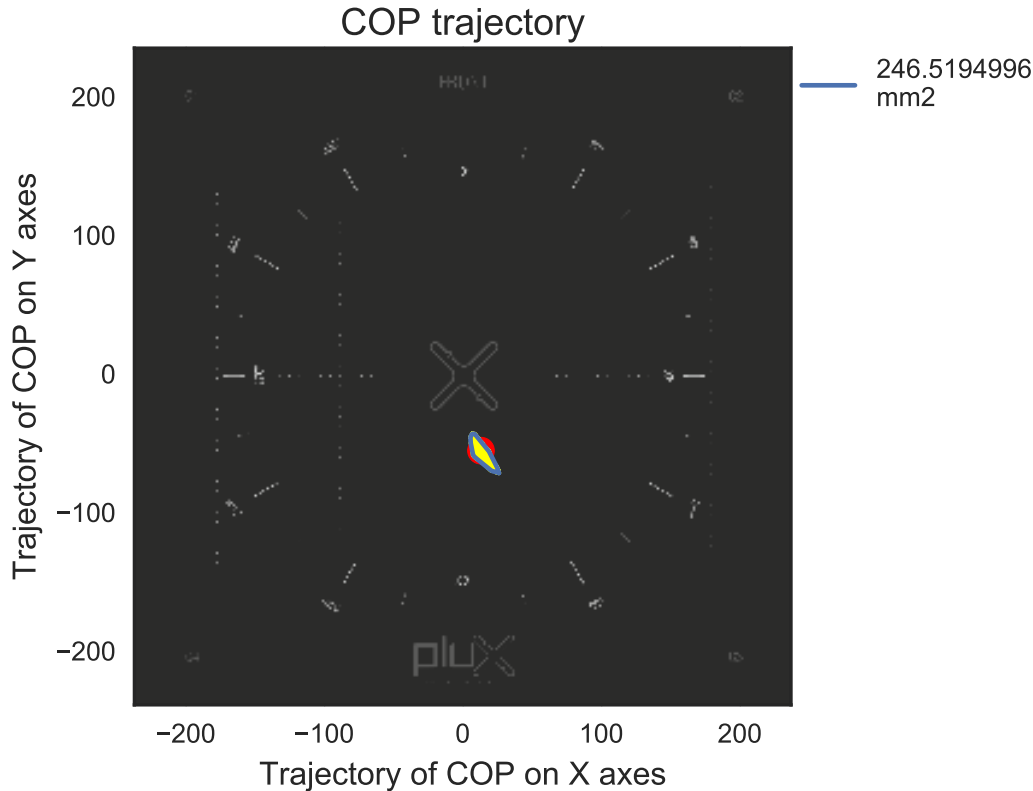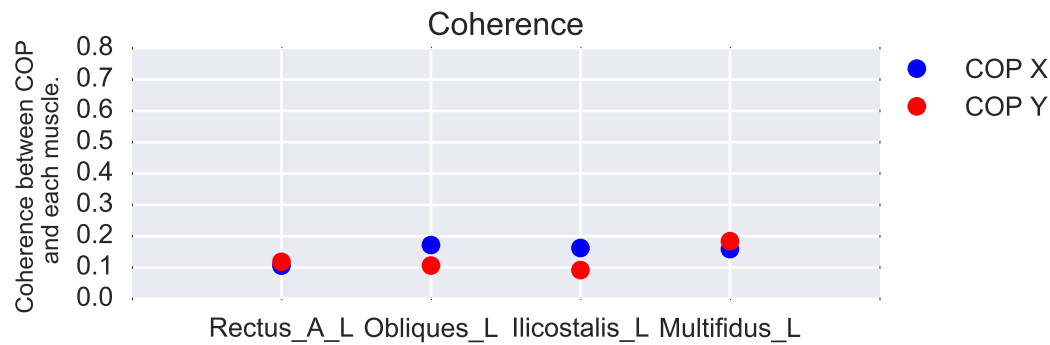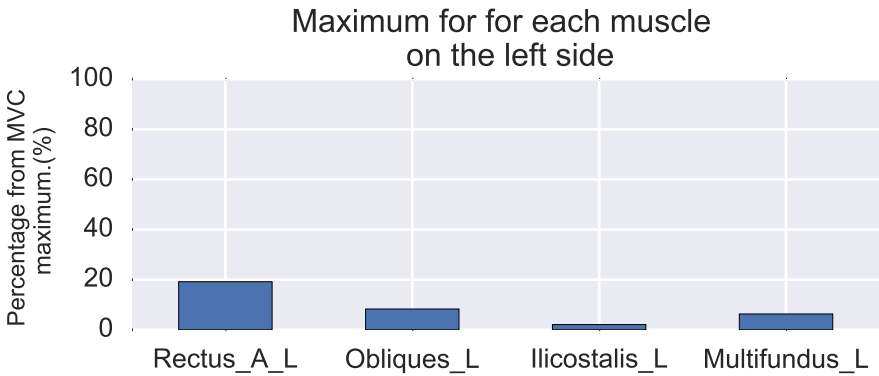
	Left Side	Right Side
Rectus_A	19.1738725879	25.2601374458
Obliques	8.28949776287	8.99354053052
Ilicostalis	2.08060964868	2.70608048994
Multifidus	6.3184407355	3.64942409867

	COP X	COP Y
Rectus_A_L	0.106110841457	0.118257458461
Obliques_L	0.171878844195	0.106328695639
Ilicostalis_L	0.16231956019	0.0919240958986
Multifidus_L	0.158704514162	0.184166135267
Rectus_A_R	0.135758925416	0.143482304099
Obliques_R	0.199833437947	0.154620832735
Ilicostalis_R	0.173107895128	0.147093380759
Multifidus_R	0.140624568783	0.100552495614

	COP X	COP Y
Velocity (mm/s)	0.386716373301	-0.1233274427
Mean Point(mm)	13.1946164875	-53.5380421223

OneFootStanding_L_EO
Patient1

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

COP trajectory

654.745595464 mm2

Coherence

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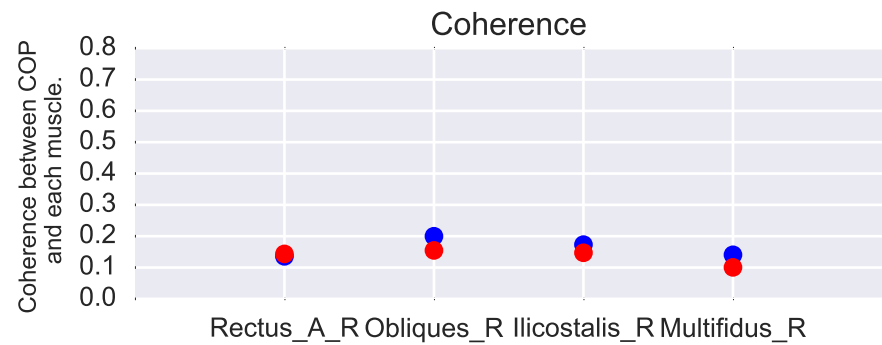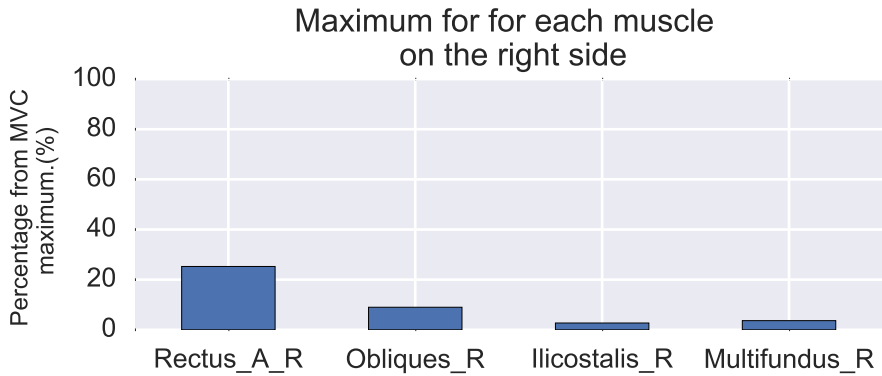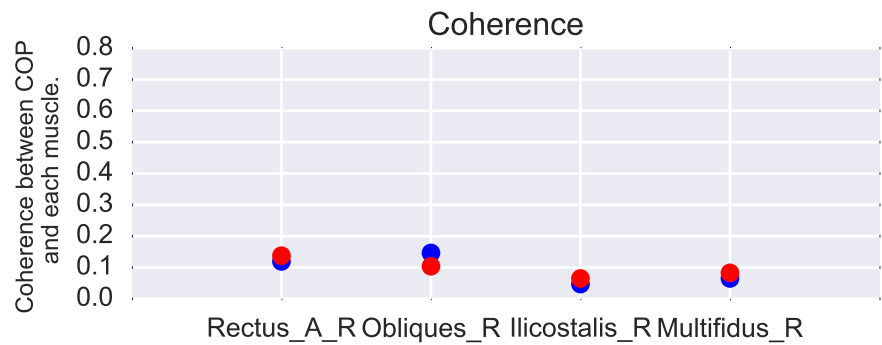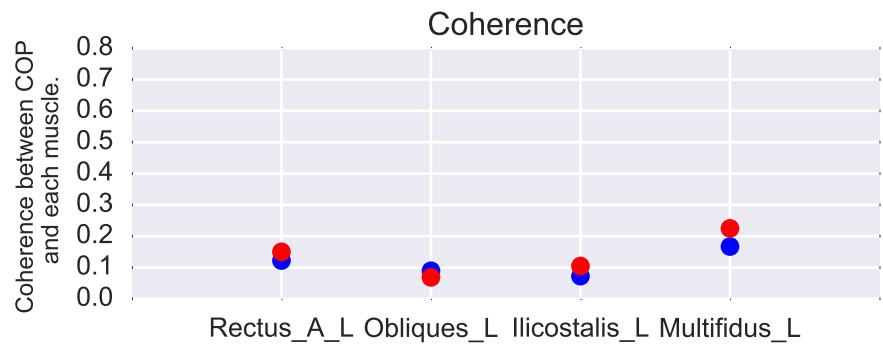- COP Y (red)

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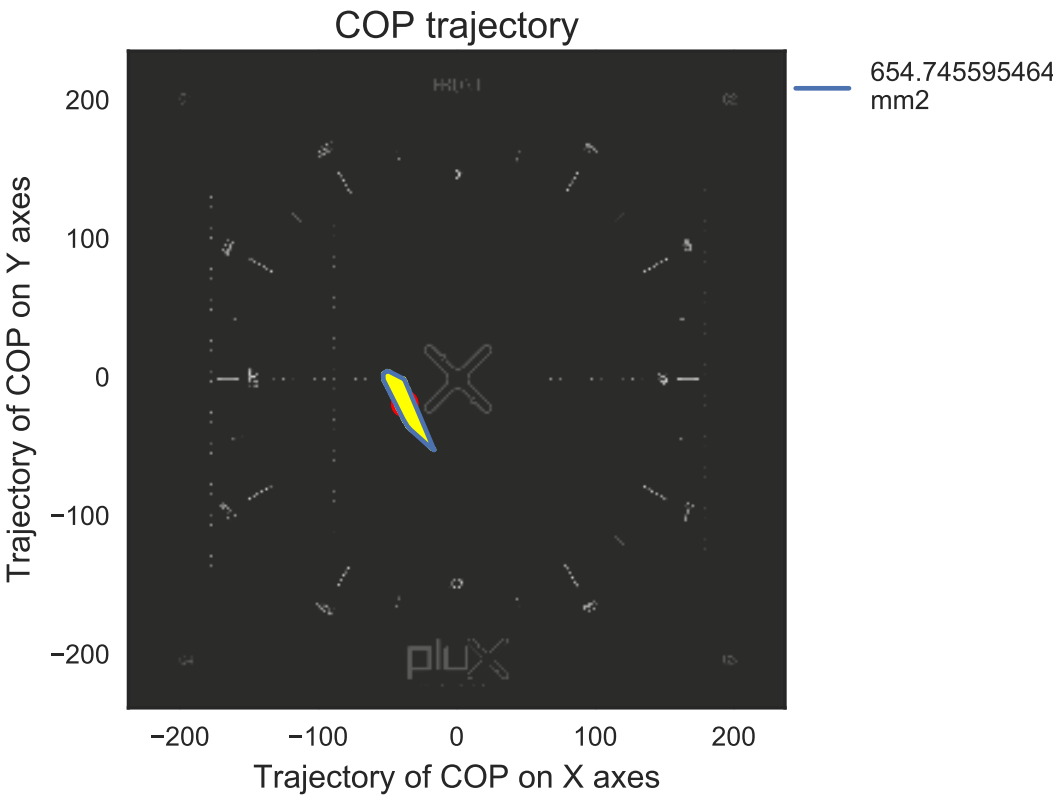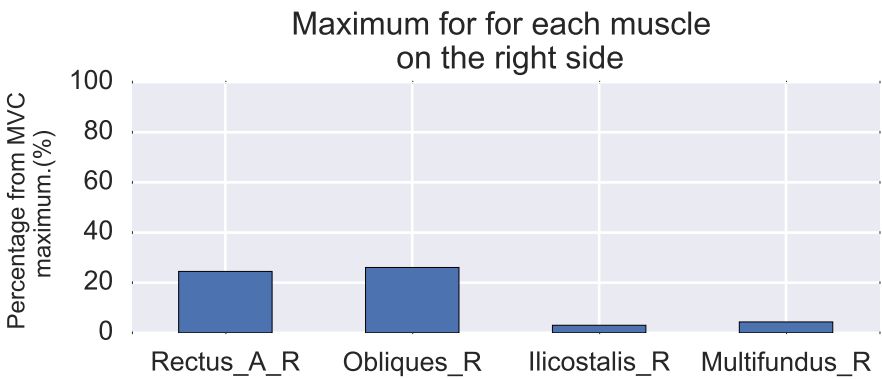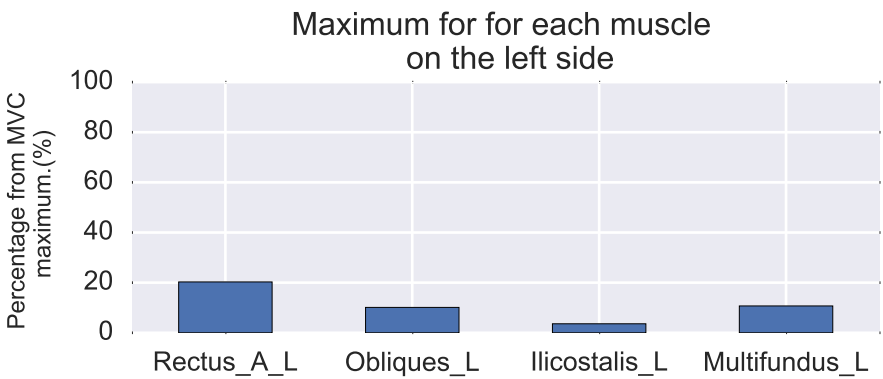
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	20.2884787935	24.4789269803
Obliques	10.1265699451	26.060147155
Ilicostalis	3.59232400409	3.00016245314
Multifidus	10.7100761027	4.32938173129

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

	COP X	COP Y
Rectus_A_L	0.122284484462	0.150097417142
Obliques_L	0.0897128806771	0.0686553423427
Ilicostalis_L	0.0724622745407	0.104705665334
Multifidus_L	0.166972468727	0.224921233971
Rectus_A_R	0.119523999333	0.137773478302
Obliques_R	0.146655027945	0.104069368621
Ilicostalis_R	0.0471788801184	0.0650308354272
Multifidus_R	0.0651336810693	0.0830171915506

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	0.164149897136	-0.242707686828
Mean Point(mm)	-37.4867163891	-17.5475082312

Reach_R
Patient1

Maximum for for each muscle on the left side

Maximum for for each muscle on the right side

Coherence

Coherence

COP trajectory
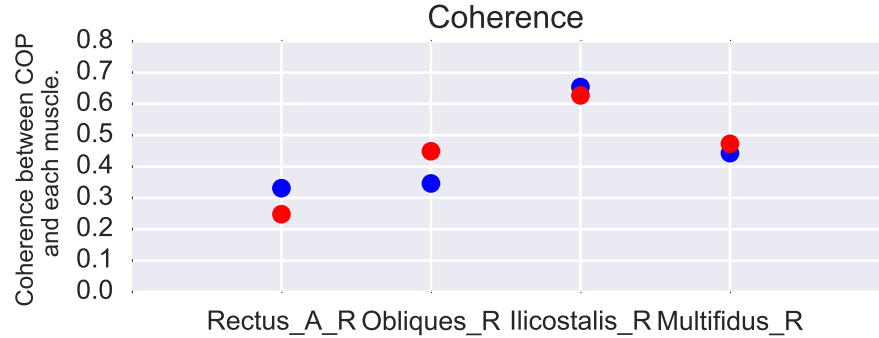

1502.93949686 mm2
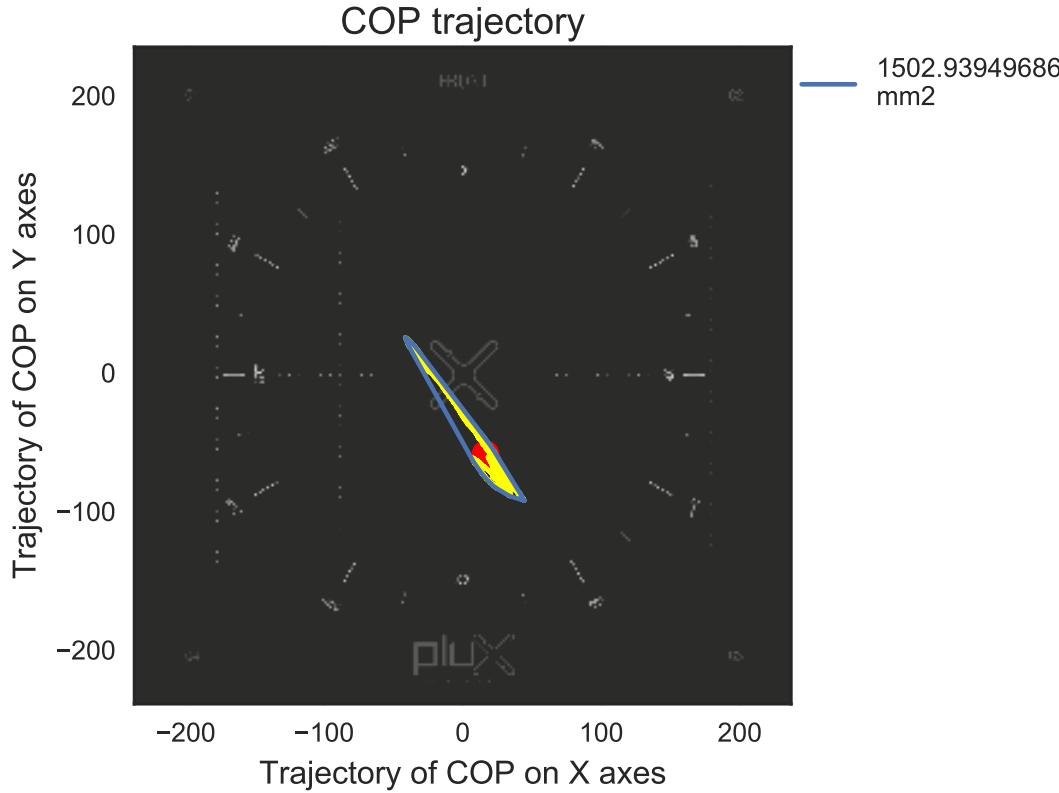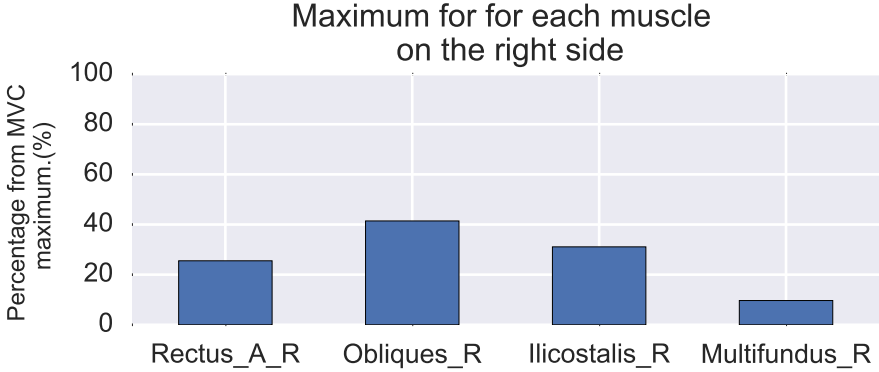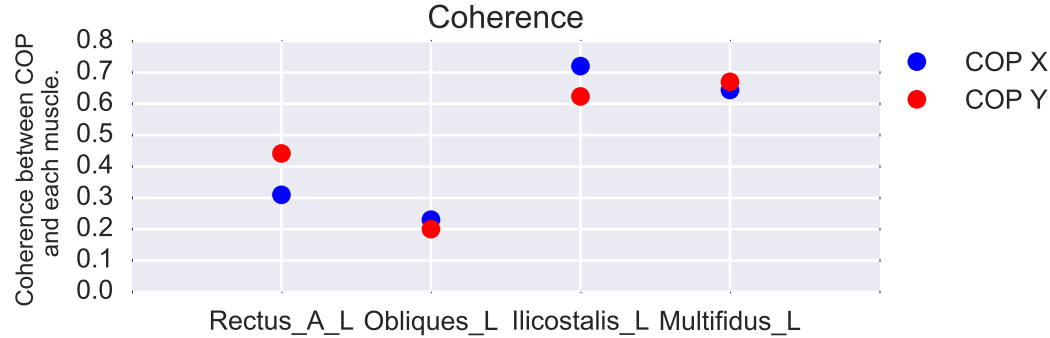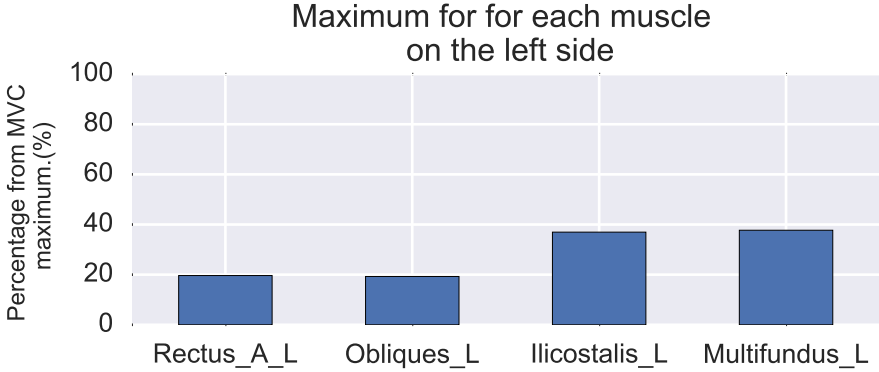
Table 1 - Values of maximum of each muscle in percentage (%)

	Left Side	Right Side
Rectus_A	19.6482917727	25.5304459285
Obliques	19.2712094993	41.429573039
Ilicostalis	36.9616188275	31.0898227666
Multifidus	37.720216263	9.67759063556

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

	COP X	COP Y
Rectus_A_L	0.309726689727	0.441768477699
Obliques_L	0.230355255695	0.200208527499
Ilicostalis_L	0.720501333011	0.623672712853
Multifidus_L	0.644289148528	0.670353368278
Rectus_A_R	0.330850234858	0.247734655264
Obliques_R	0.345992201291	0.44874991589
Ilicostalis_R	0.653811488346	0.627002577043
Multifidus_R	0.442797521017	0.472492732875

Table 3 - Relevant COP values

	COP X	COP Y
Velocity (mm/s)	0.372473693703	0.0395821044953
Mean Point(mm)	16.4728235799	-56.7661254438