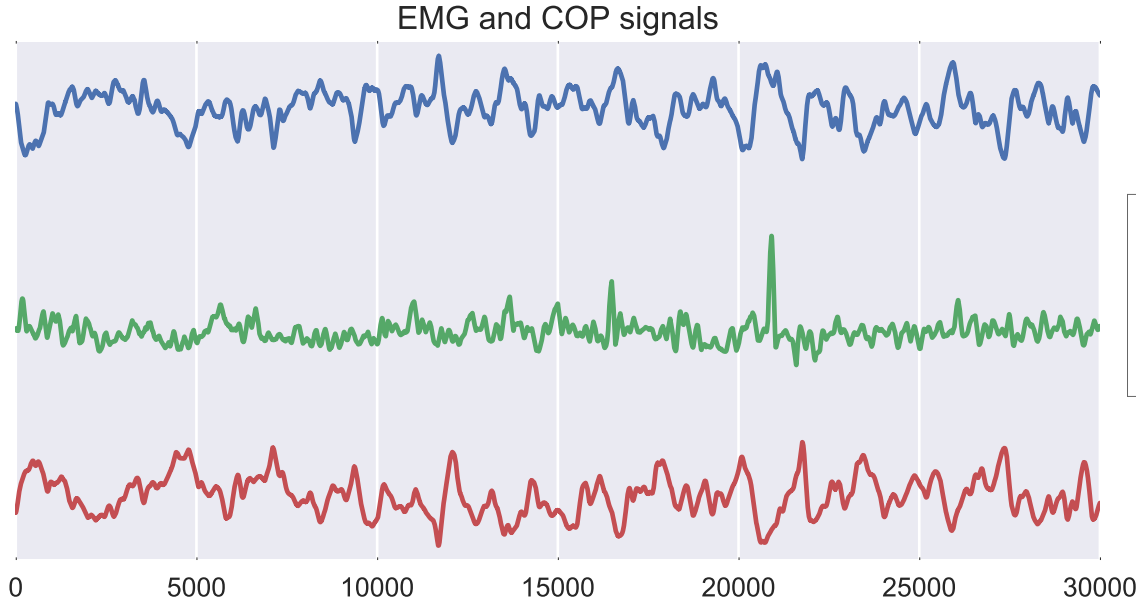
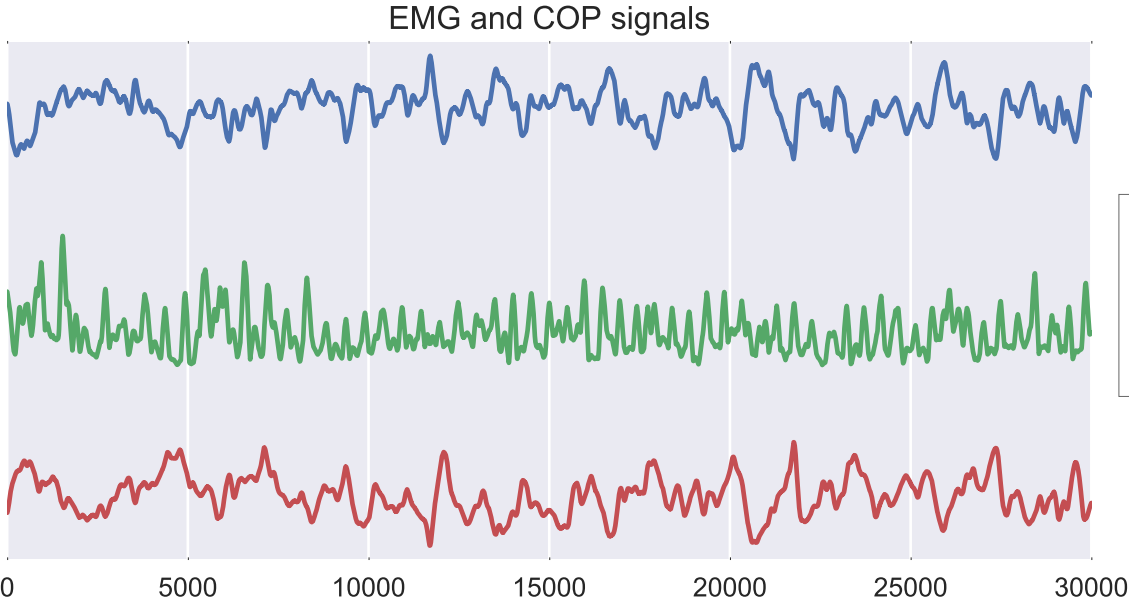
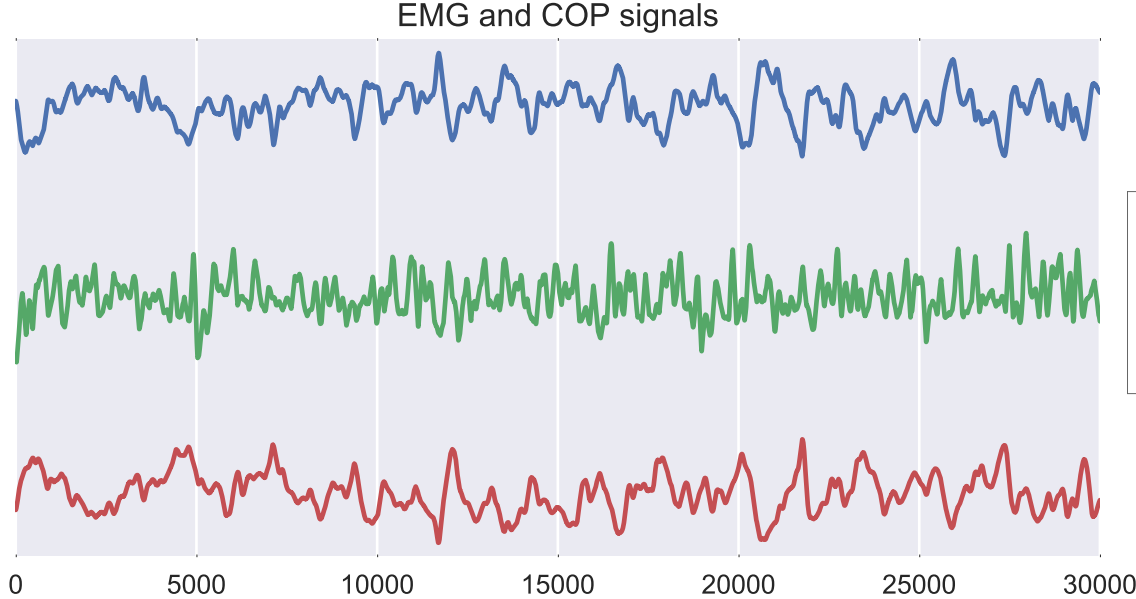
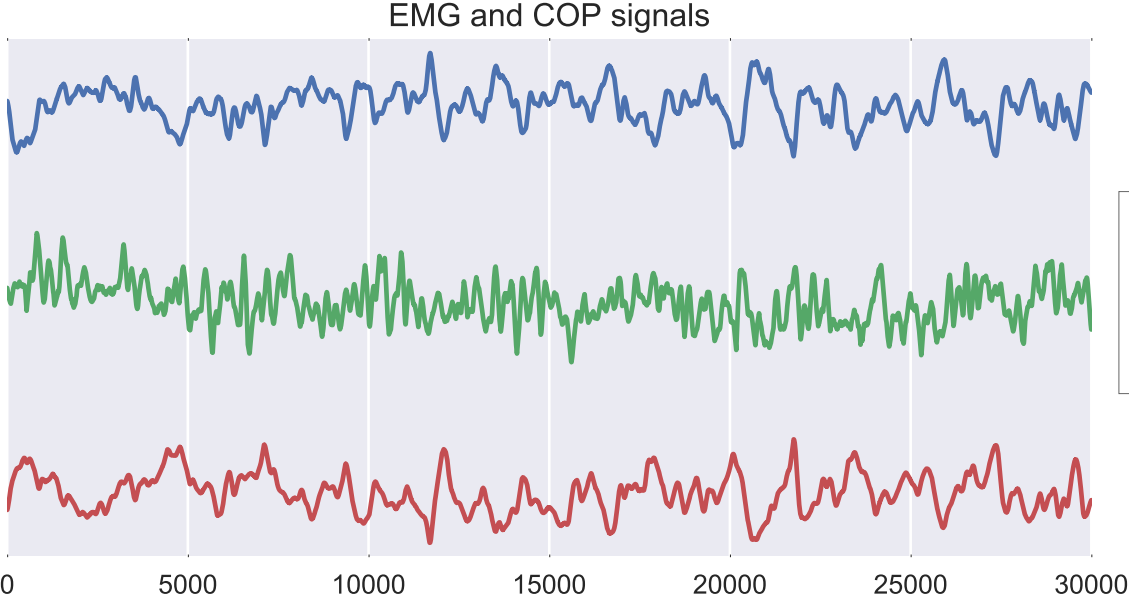


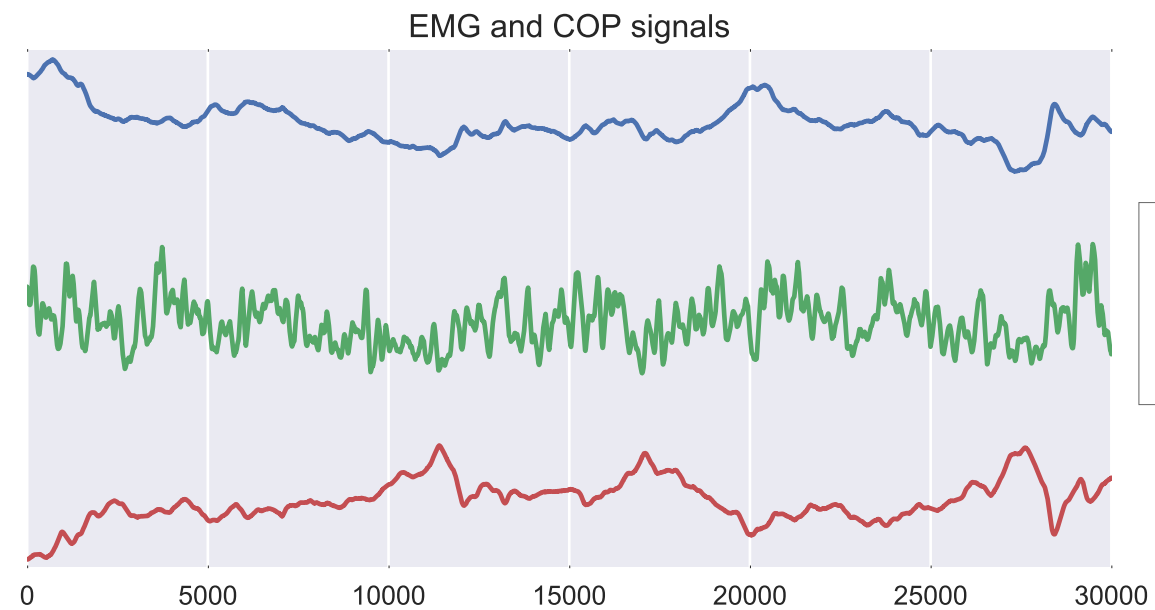
# Front and Back muscle/Cross direction - OneFootStanding\_R\_EO

## Patient1 Healthy



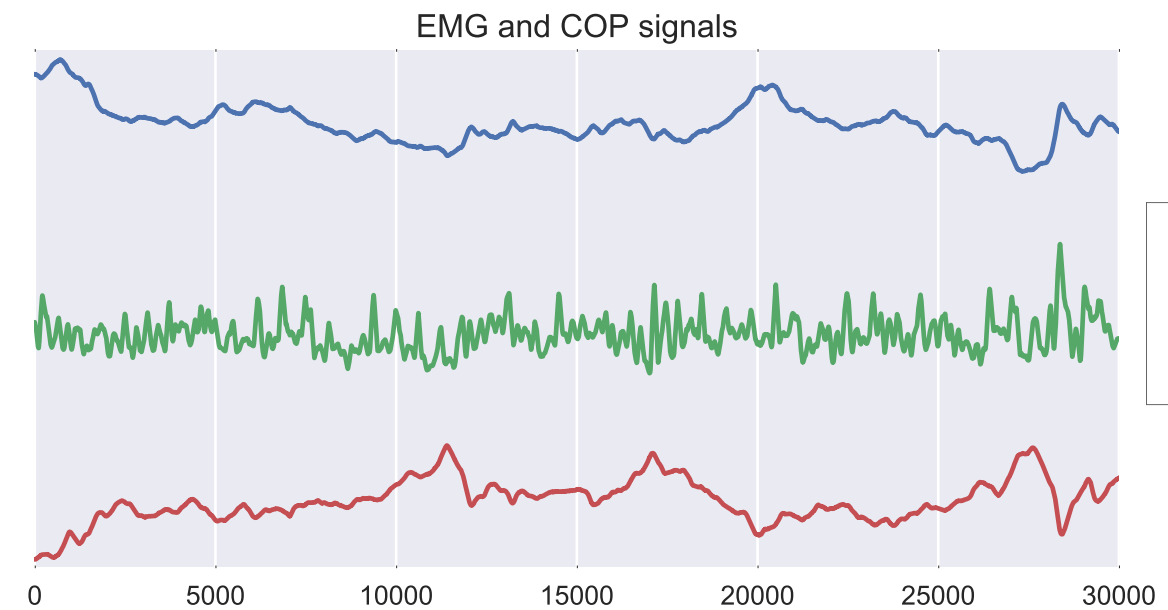
# Front and Back muscle/Cross direction - Standing\_EO

## Patient1 Healthy



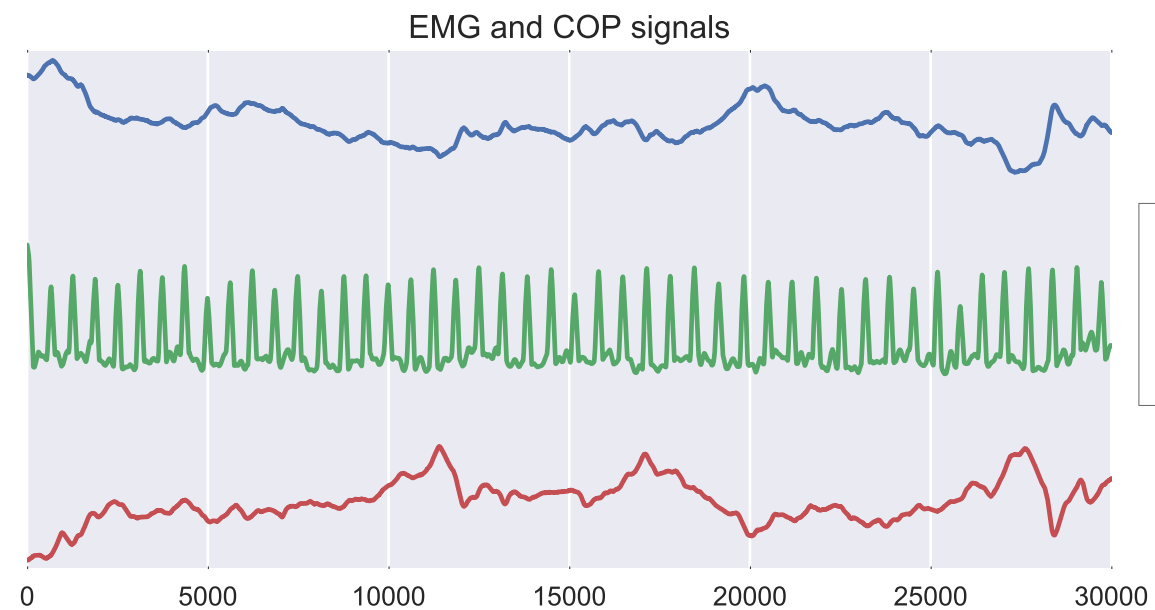
Correlation coefficient EMG/COPX:  
0.36128

Pearson coefficient EMG/COPY:  
-0.35774



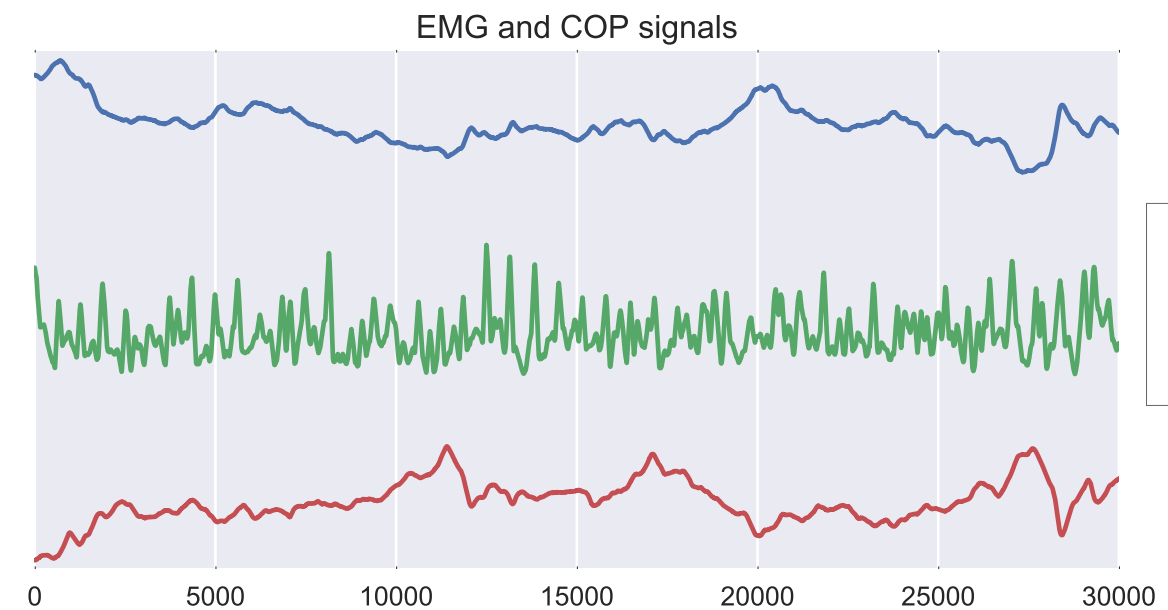
Correlation coefficient EMG/COPX:  
0.12418

Pearson coefficient EMG/COPY:  
-0.16425



Correlation coefficient EMG/COPX:  
0.04138

Pearson coefficient EMG/COPY:  
-0.02340

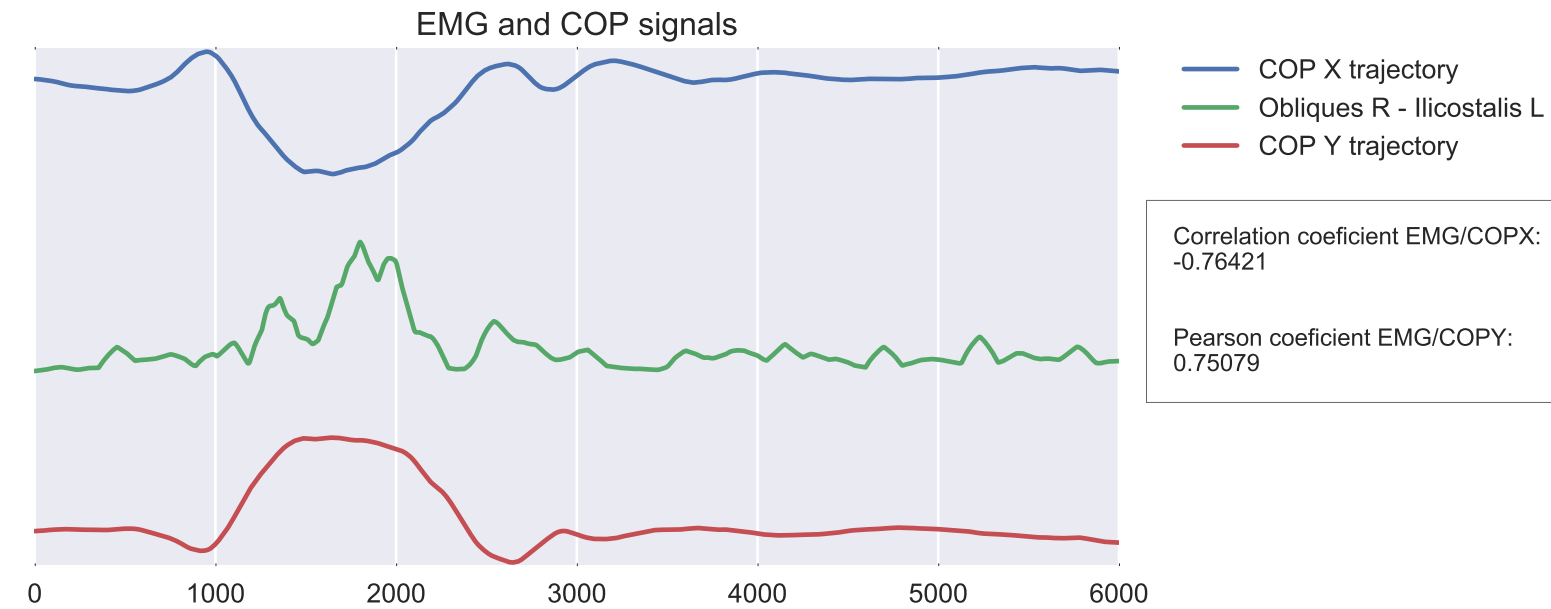
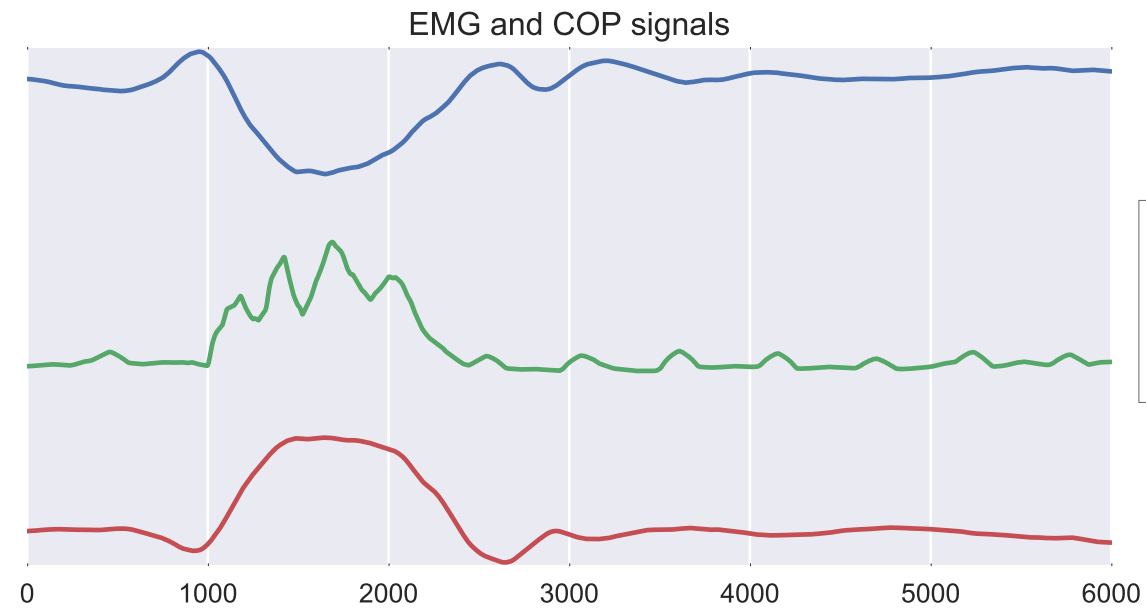
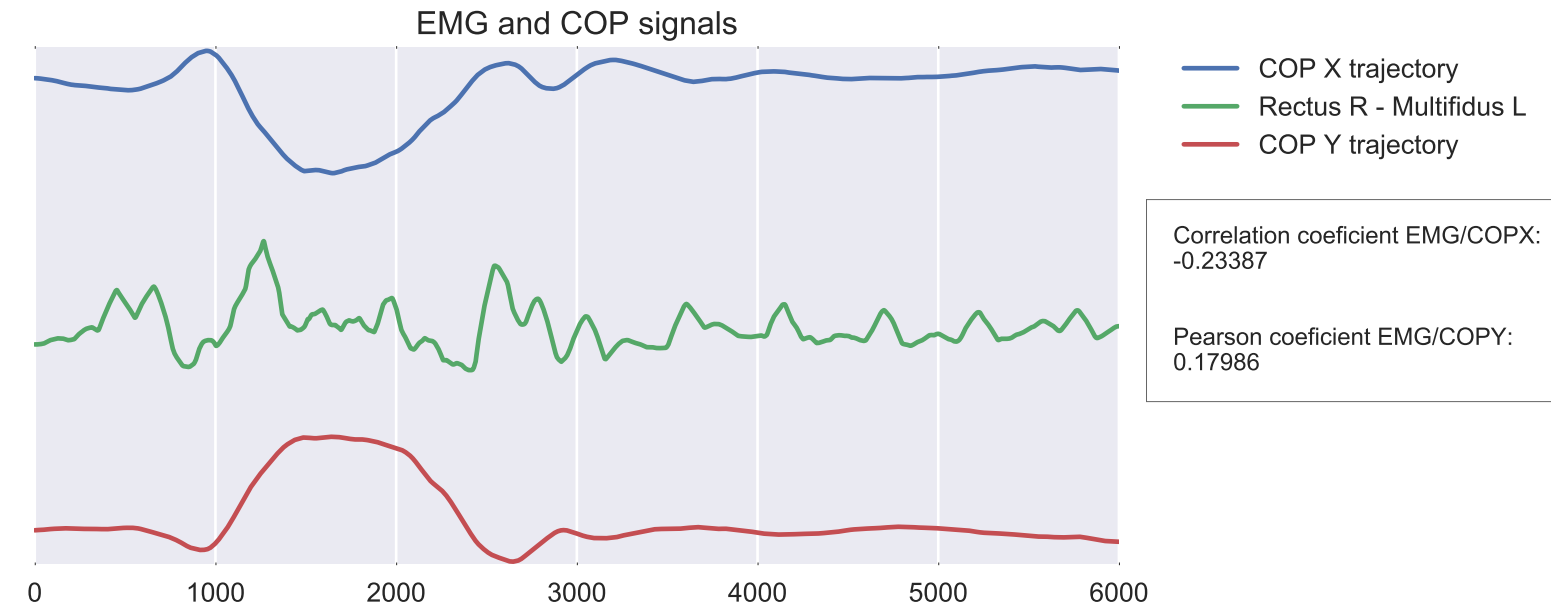
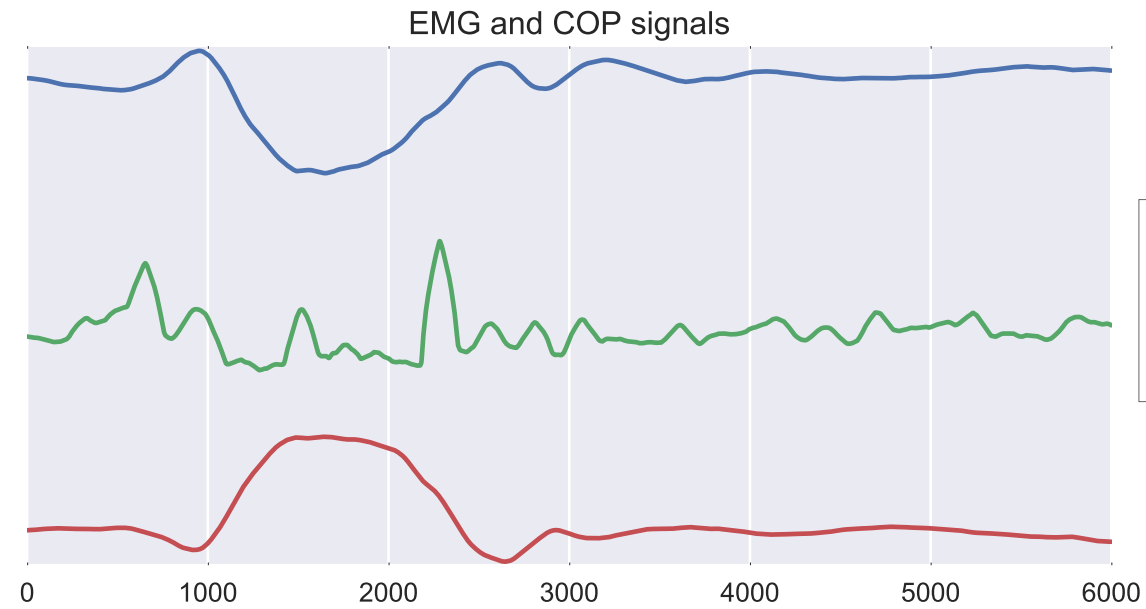


Correlation coefficient EMG/COPX:  
0.01498

Pearson coefficient EMG/COPY:  
-0.01687

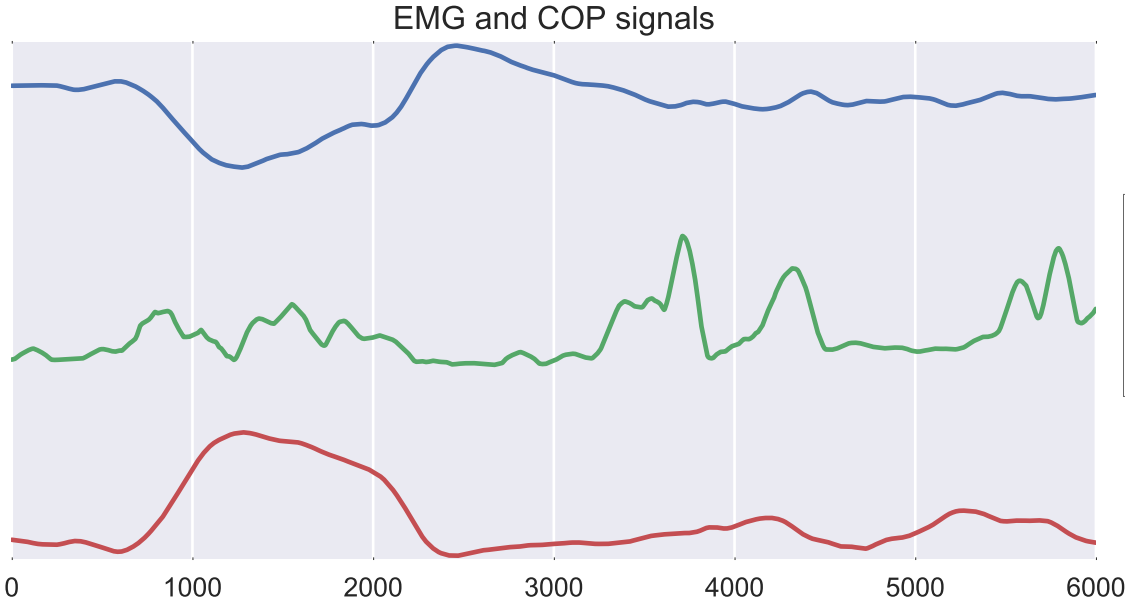
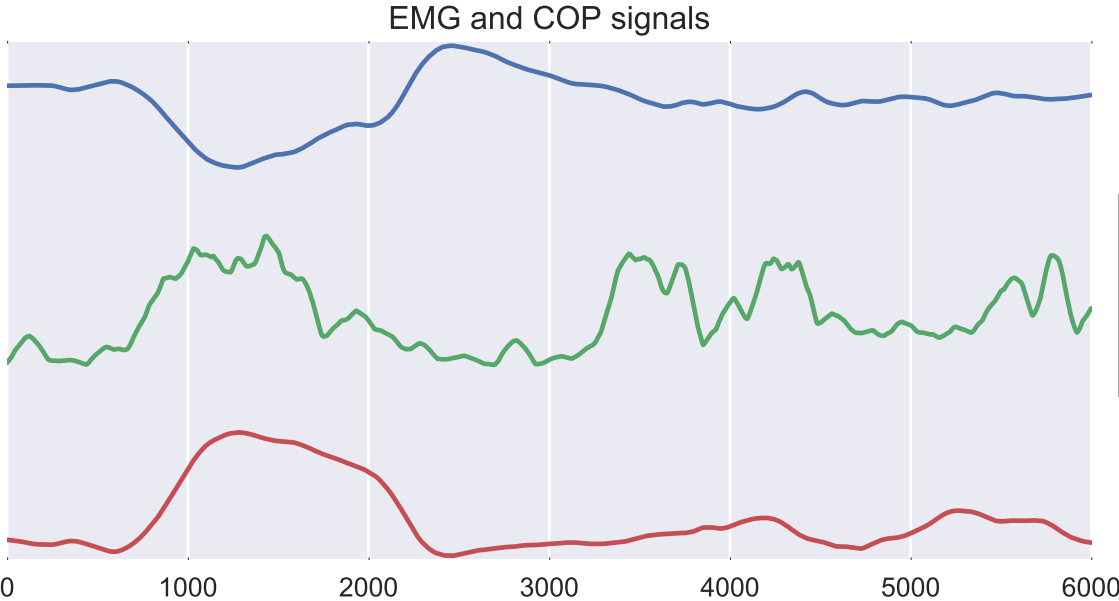
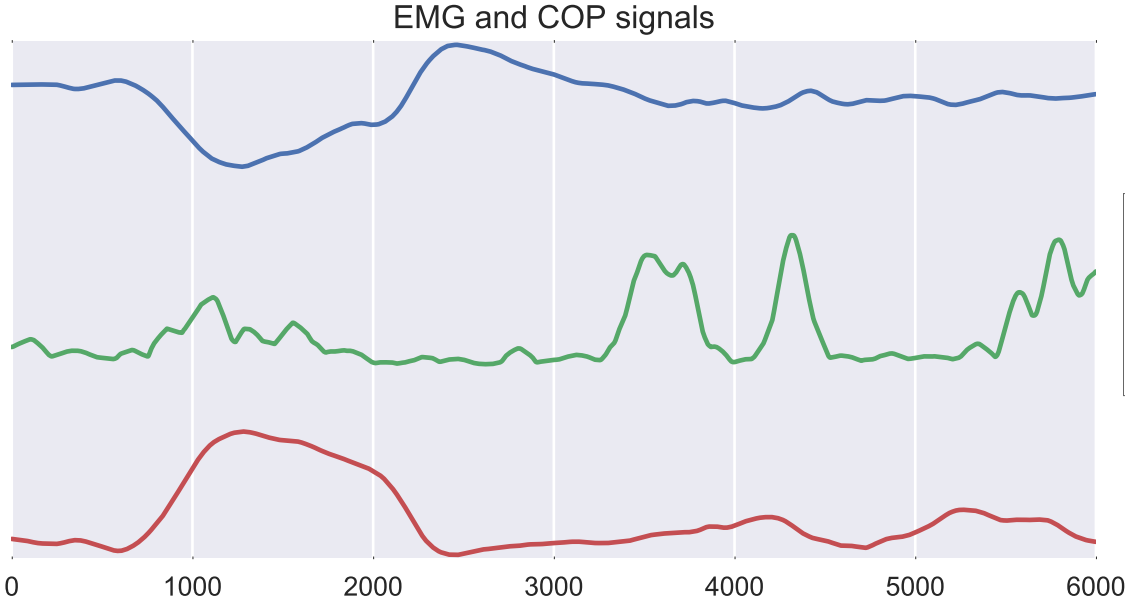
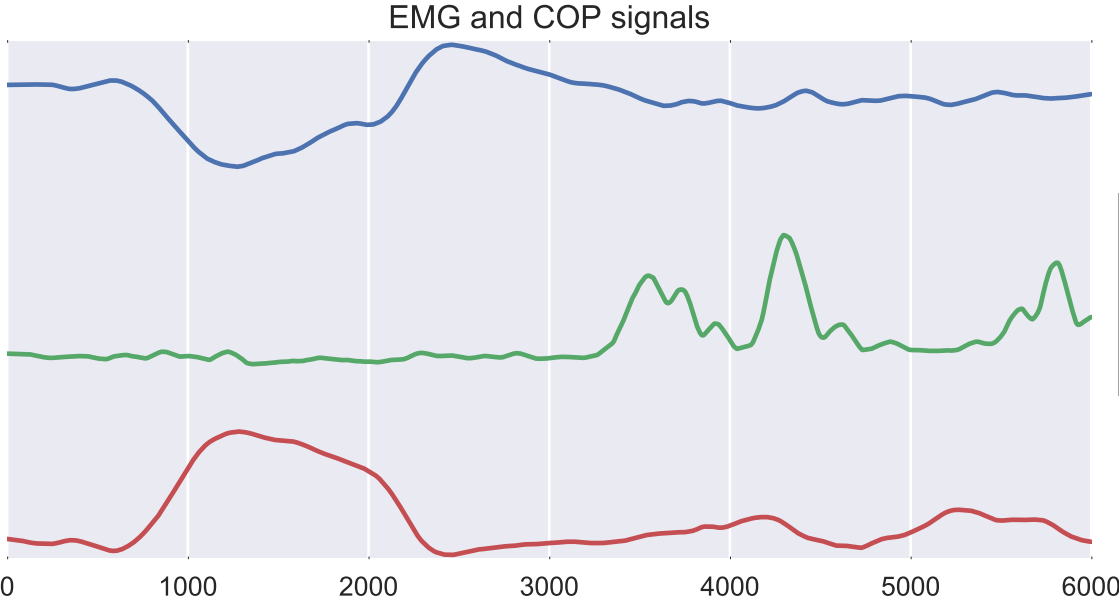
# Front and Back muscle/Cross direction - Reach\_L

## Patient1 Healthy



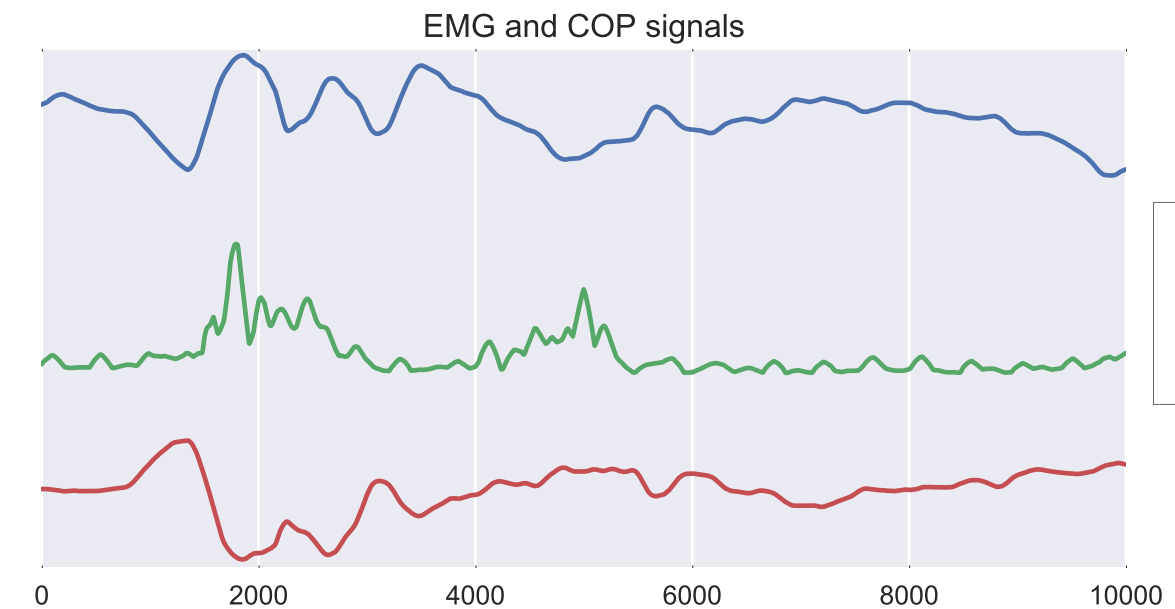
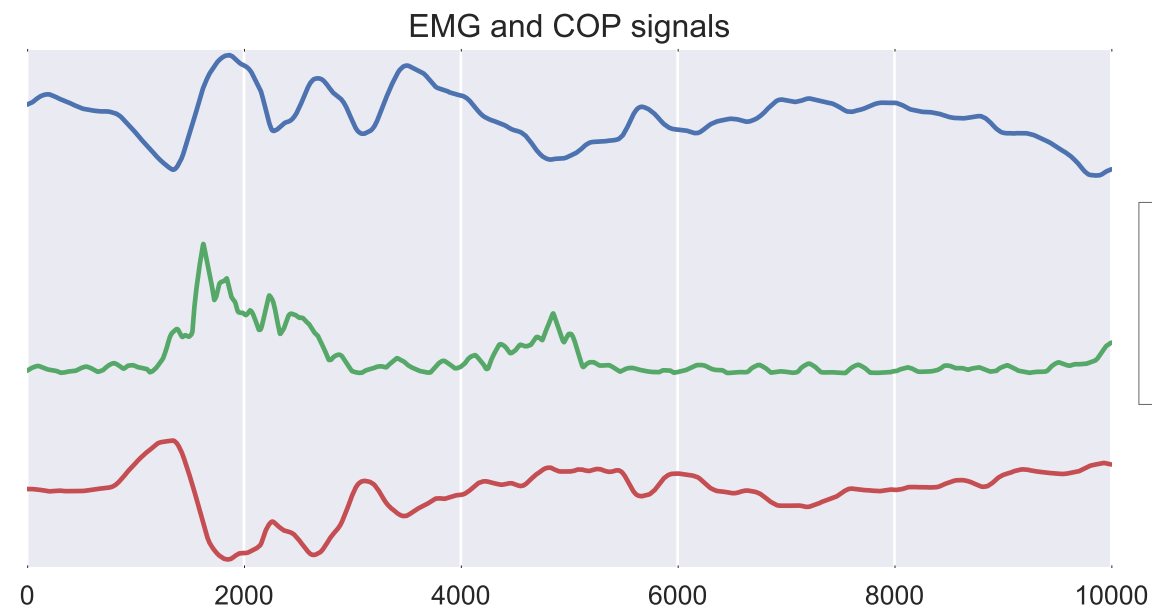
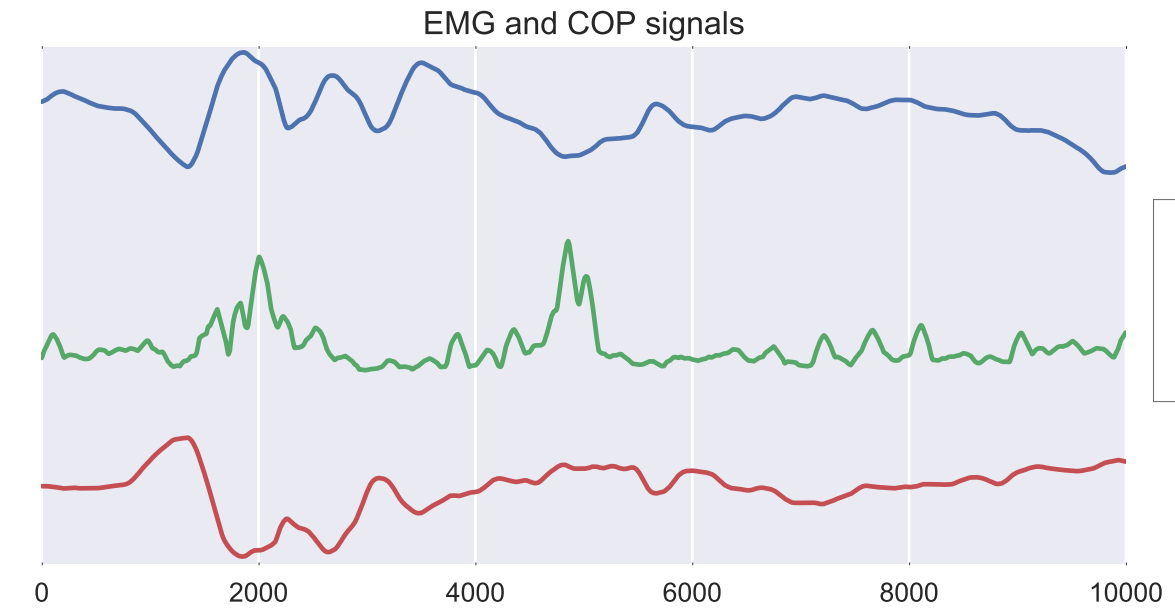
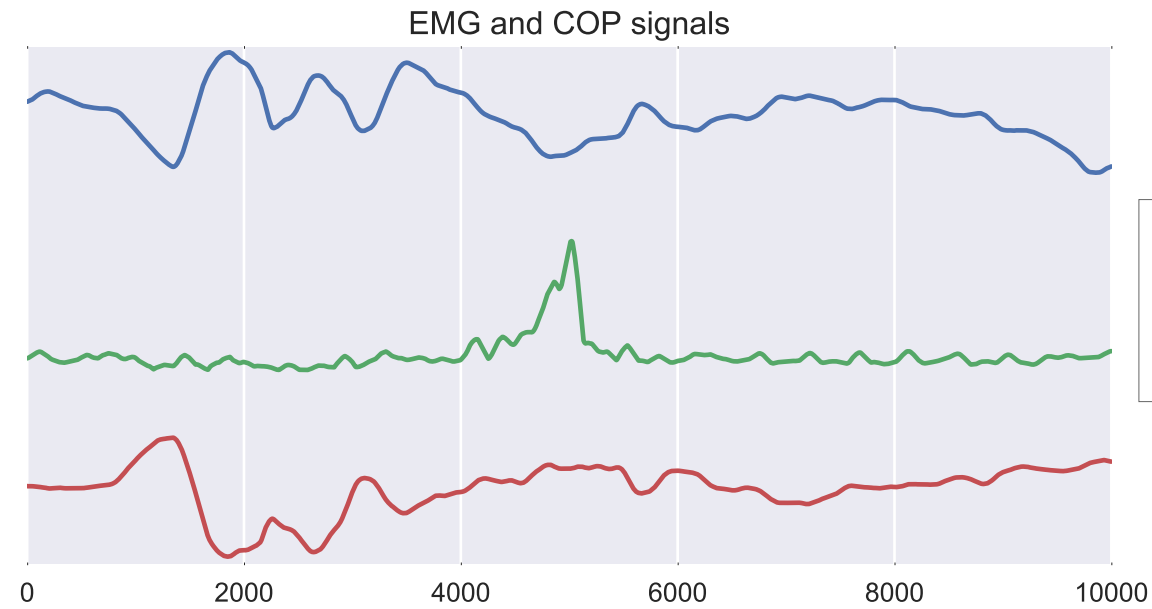
# Front and Back muscle/Cross direction - Reach\_C

## Patient1 Healthy



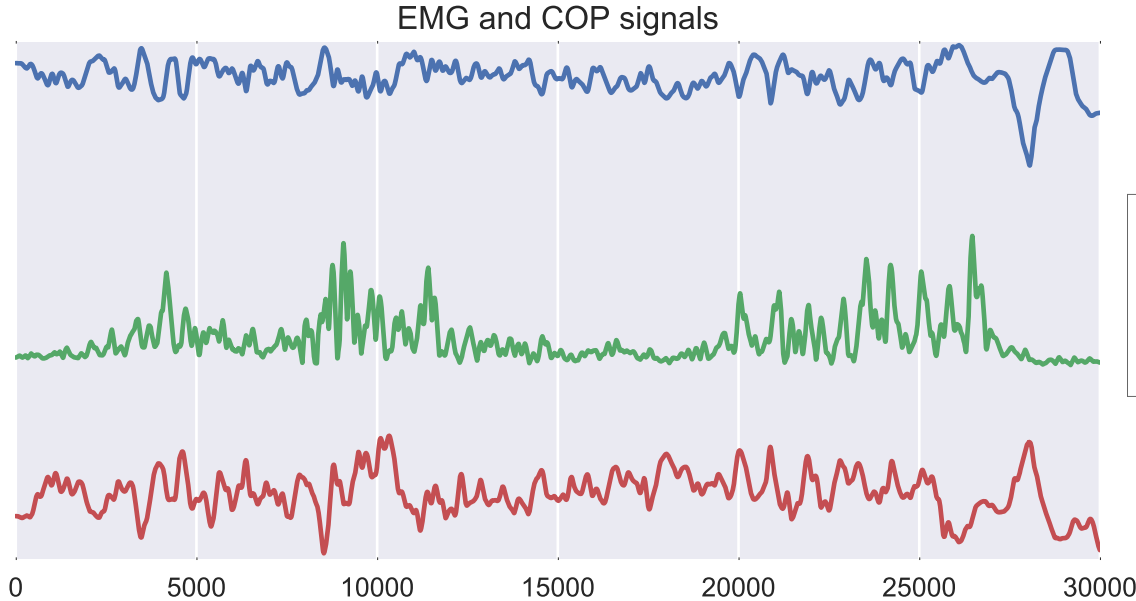
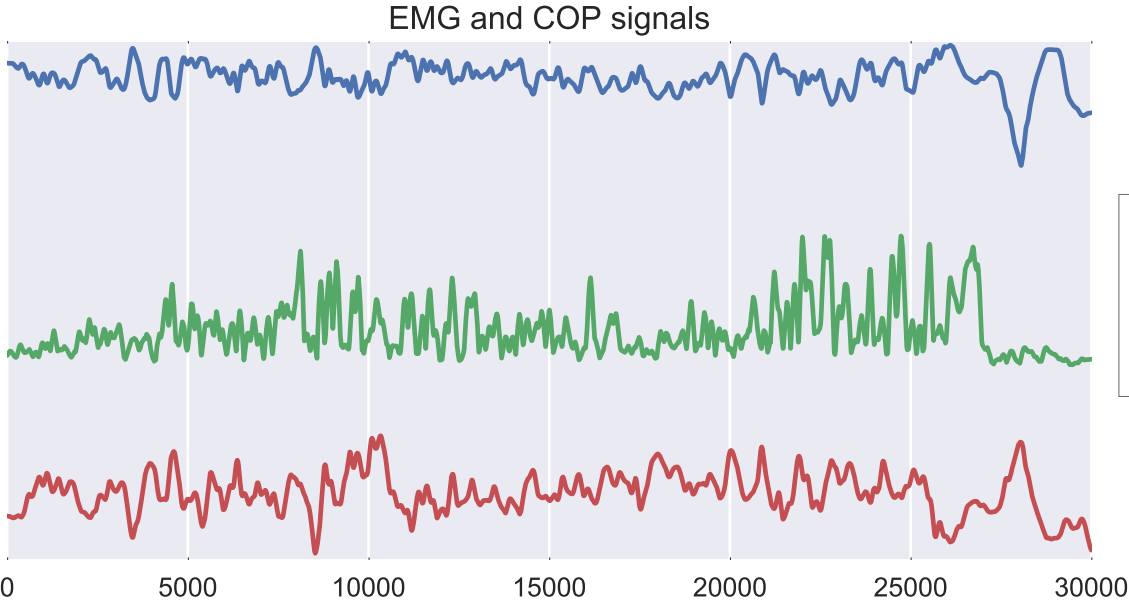
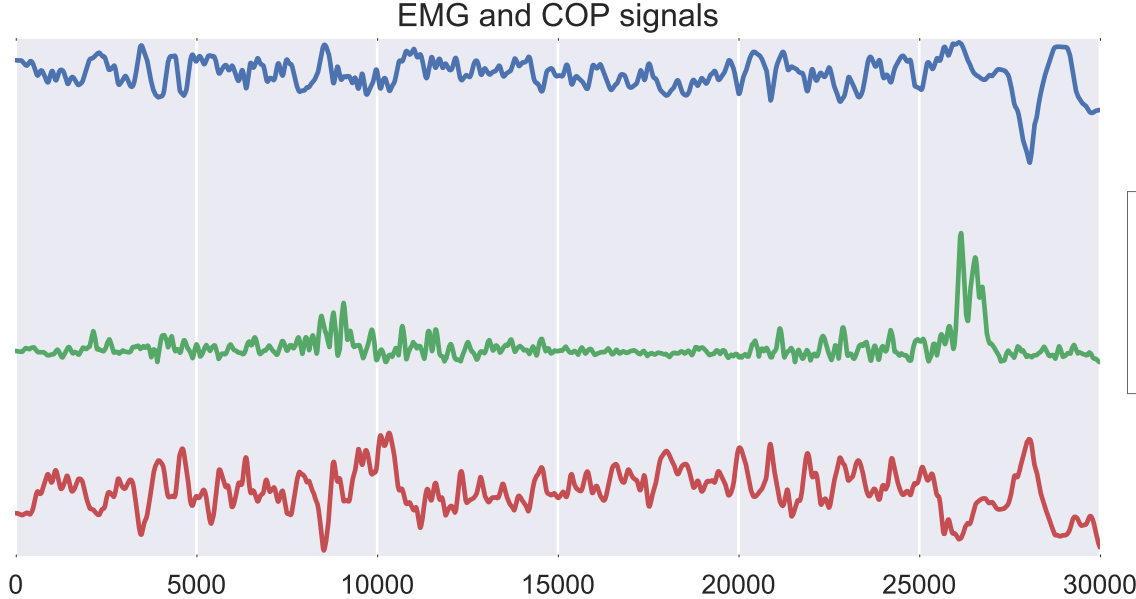
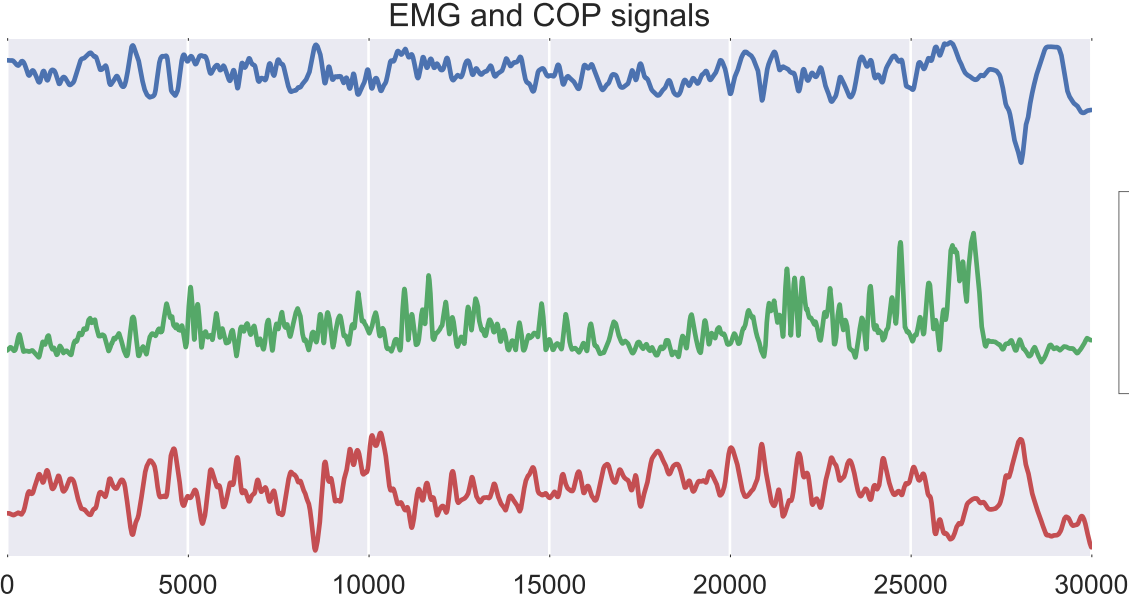
# Front and Back muscle/Cross direction - Reach\_Ground

## Patient1 Healthy



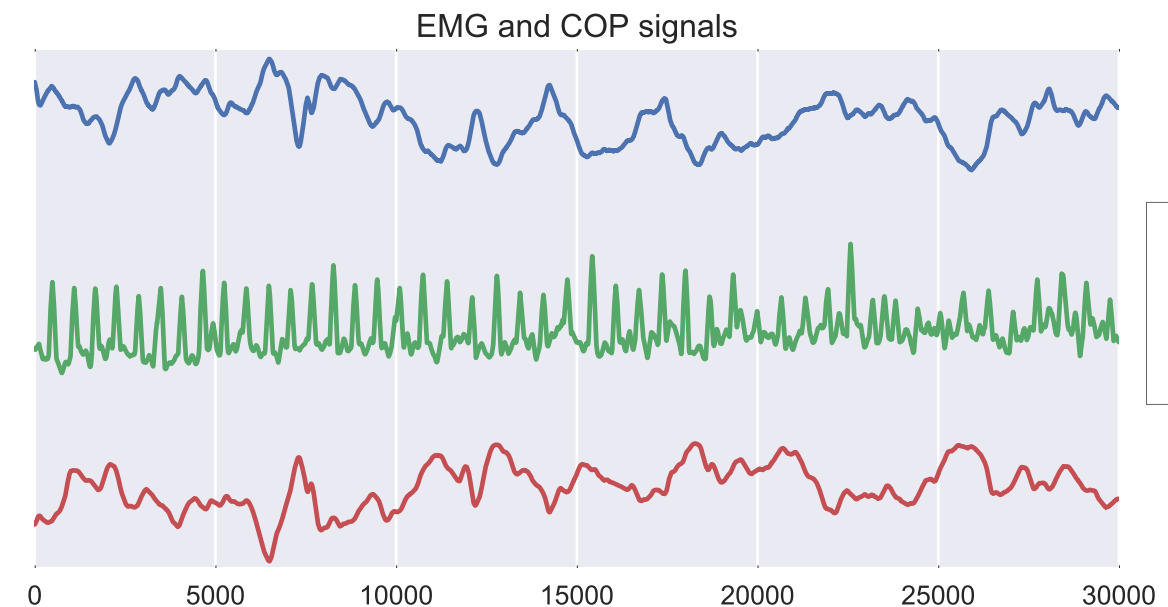
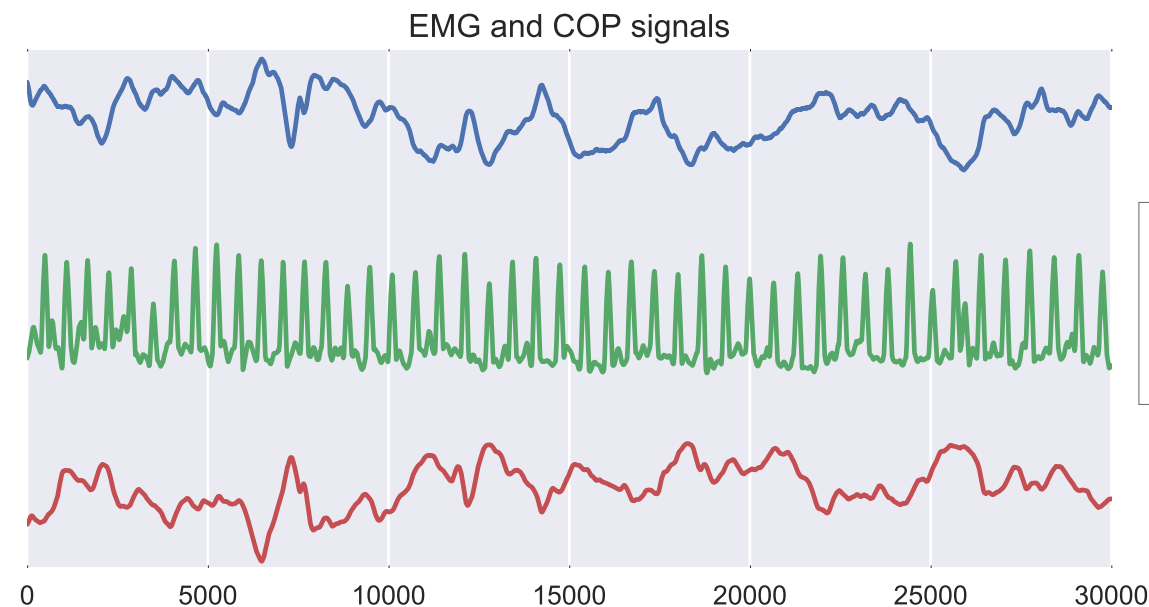
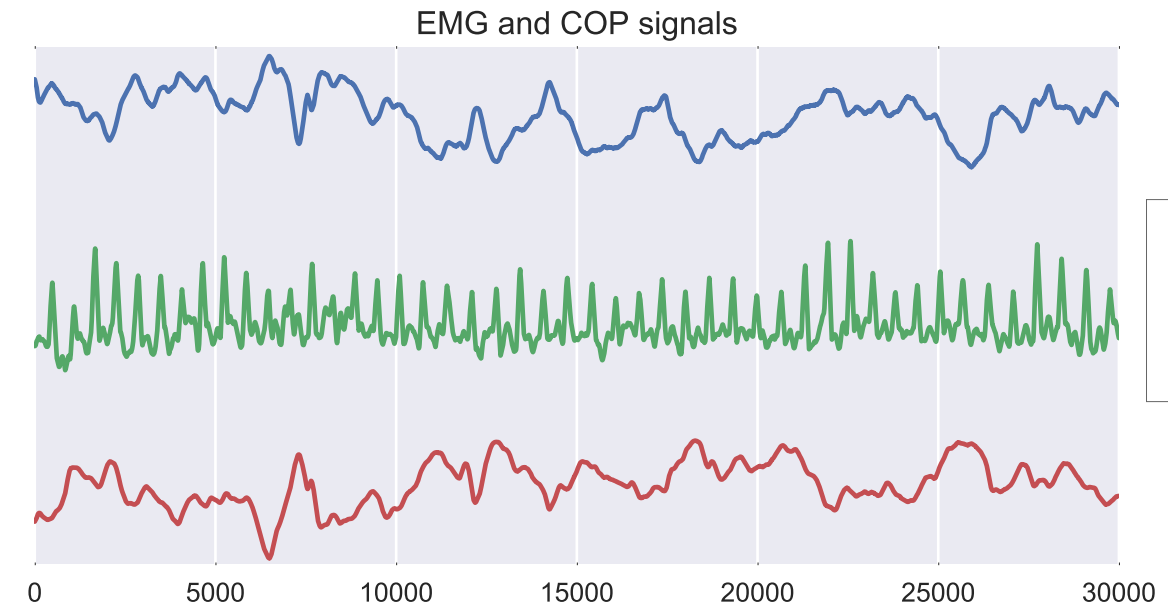
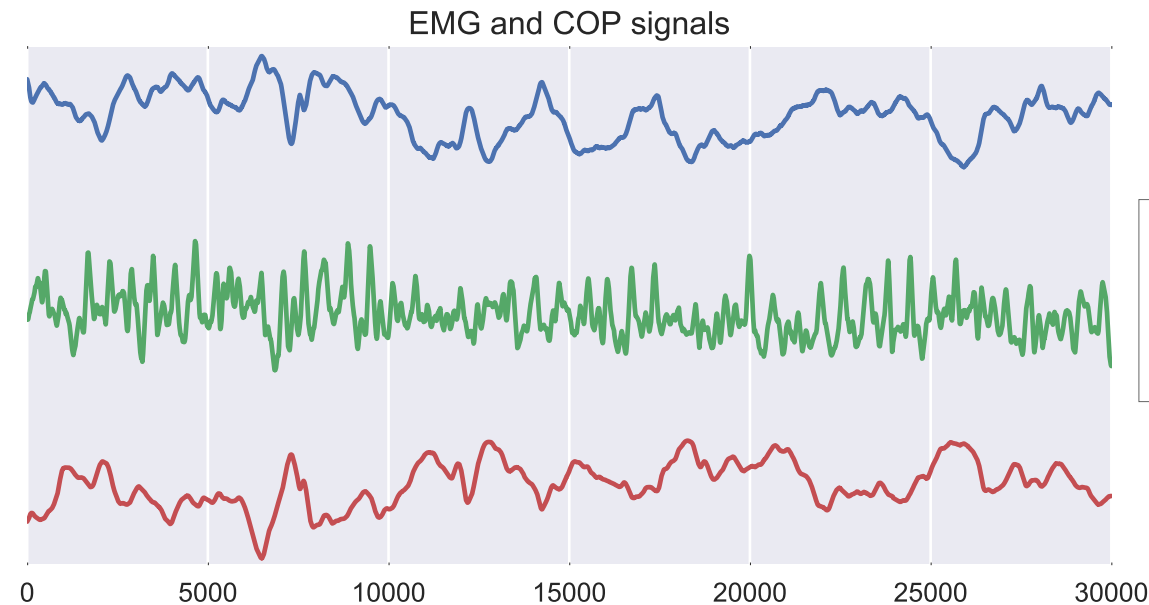
# Front and Back muscle/Cross direction - OneFootStanding\_R\_EC

## Patient1 Healthy



# Front and Back muscle/Cross direction - Standing\_EC

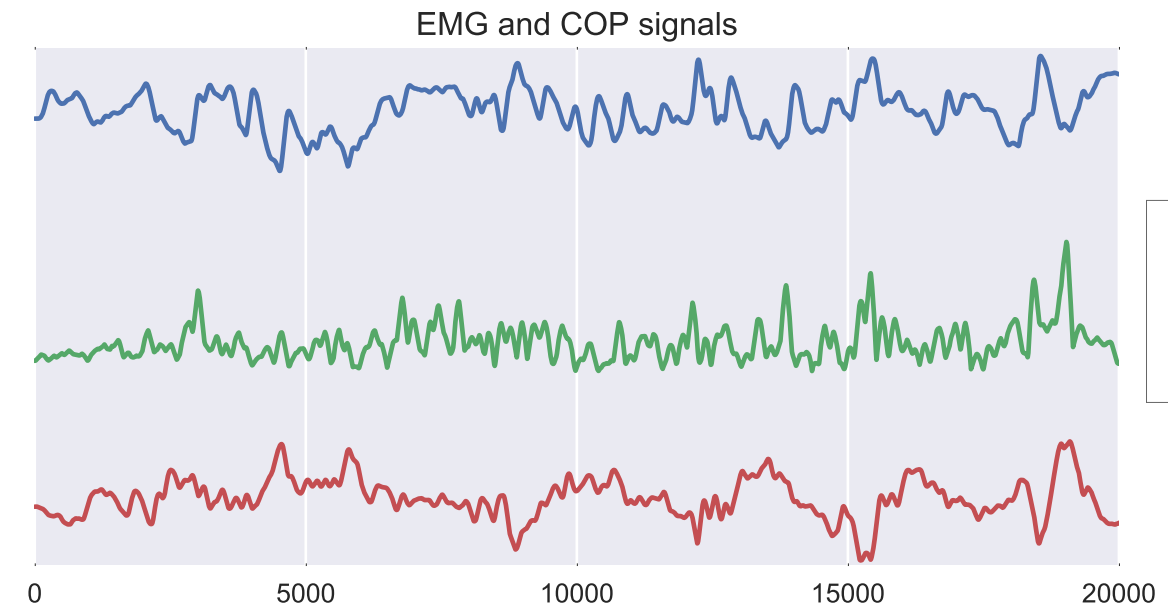
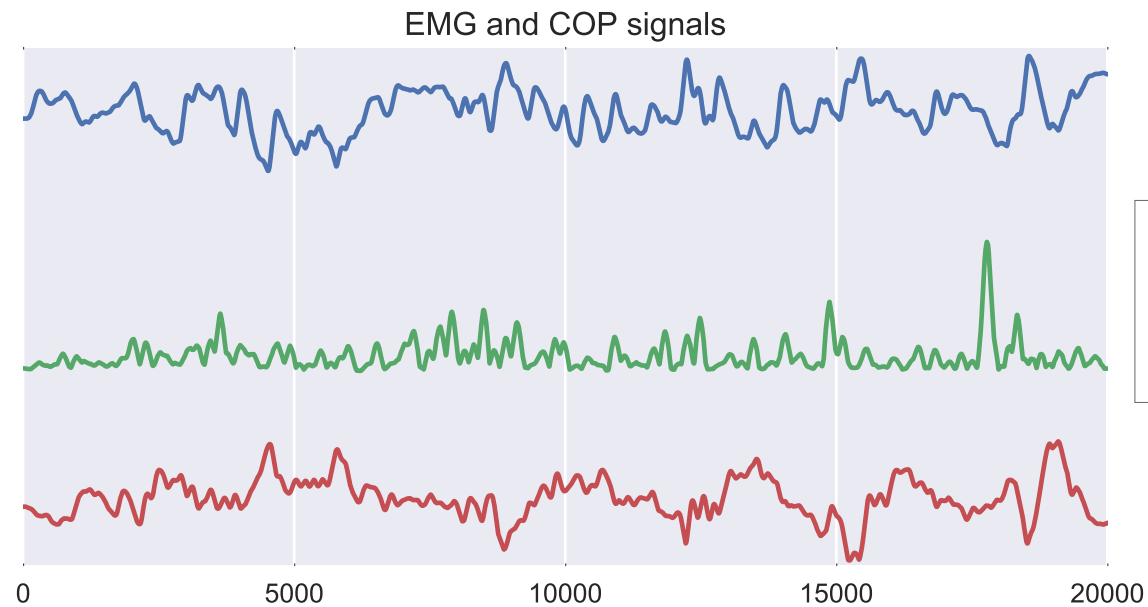
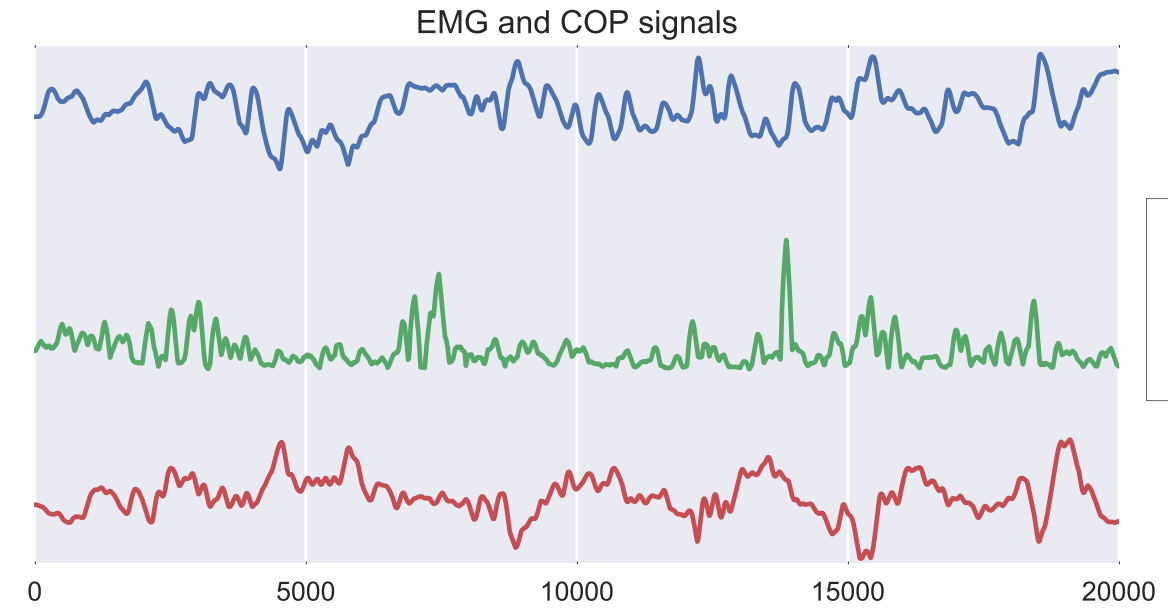
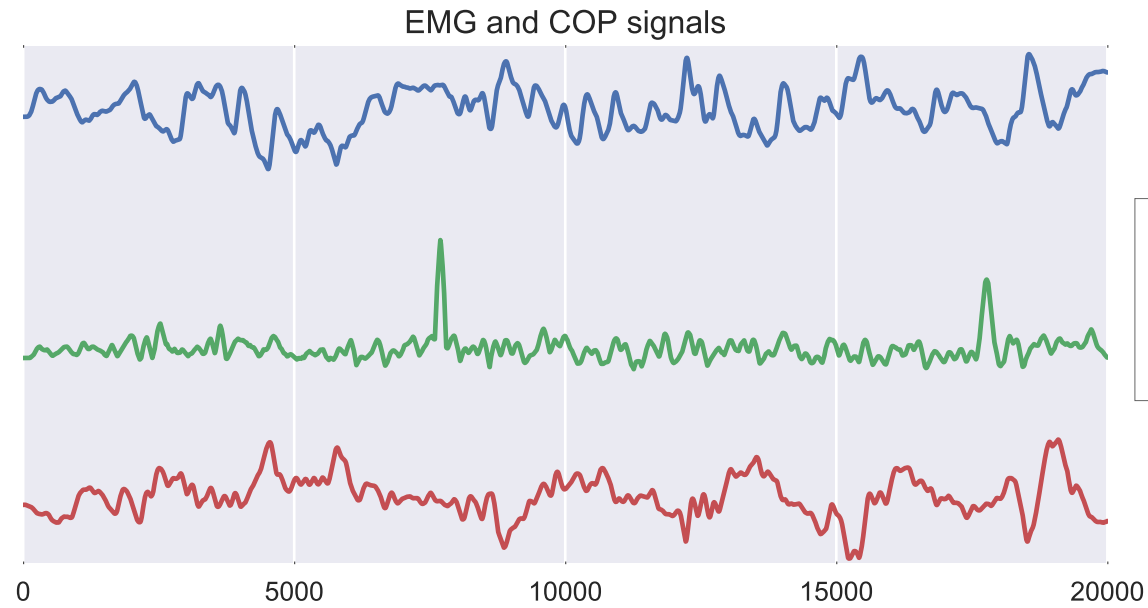
## Patient1 Healthy





# Front and Back muscle/Cross direction - OneFootStanding\_L\_EC

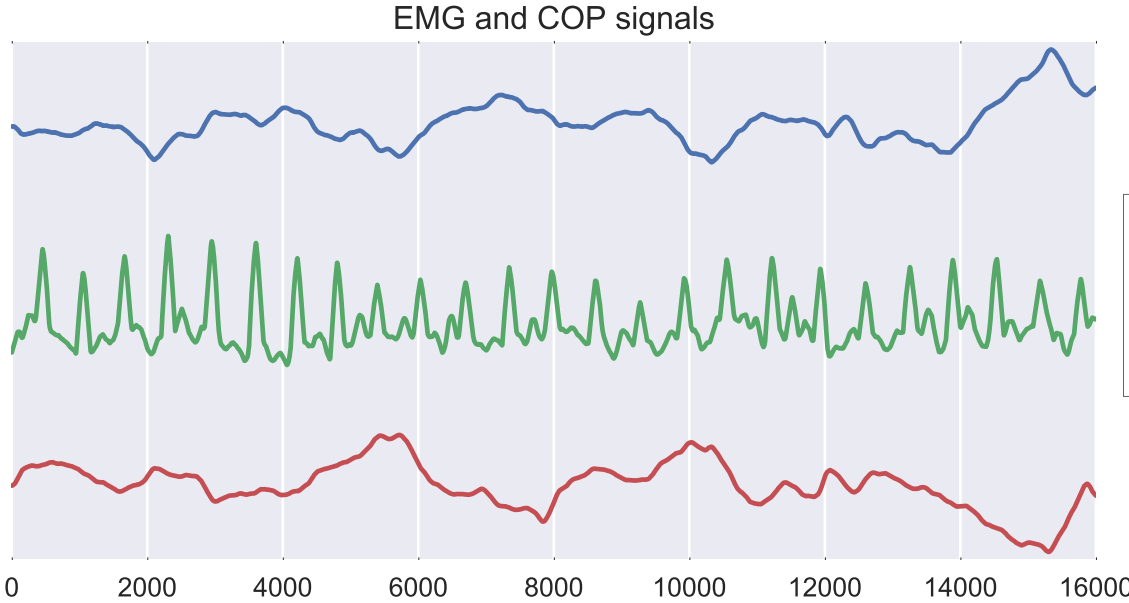
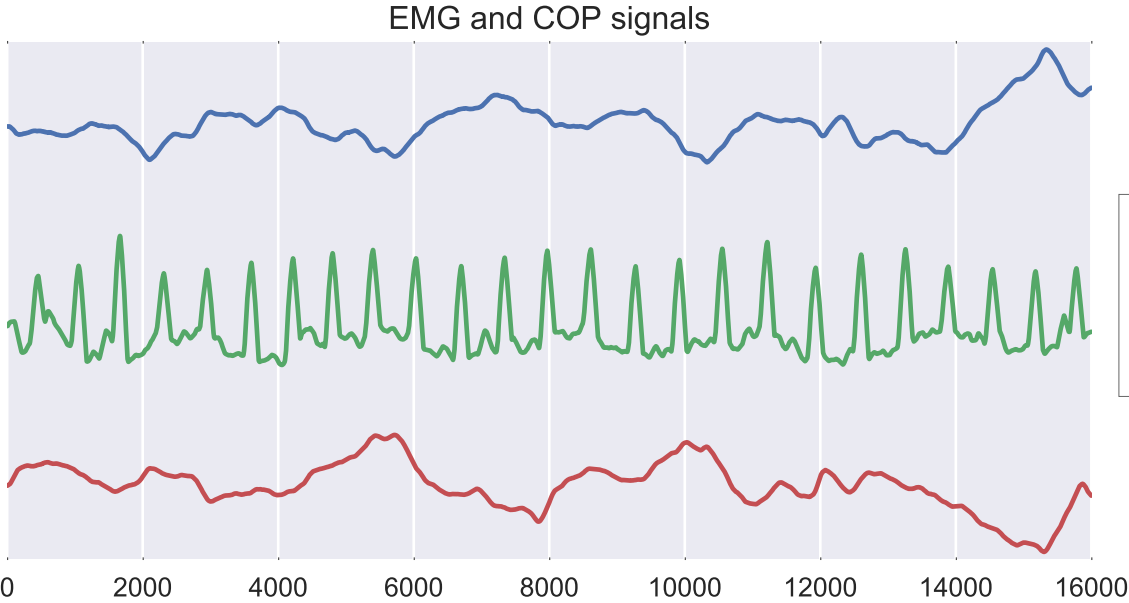
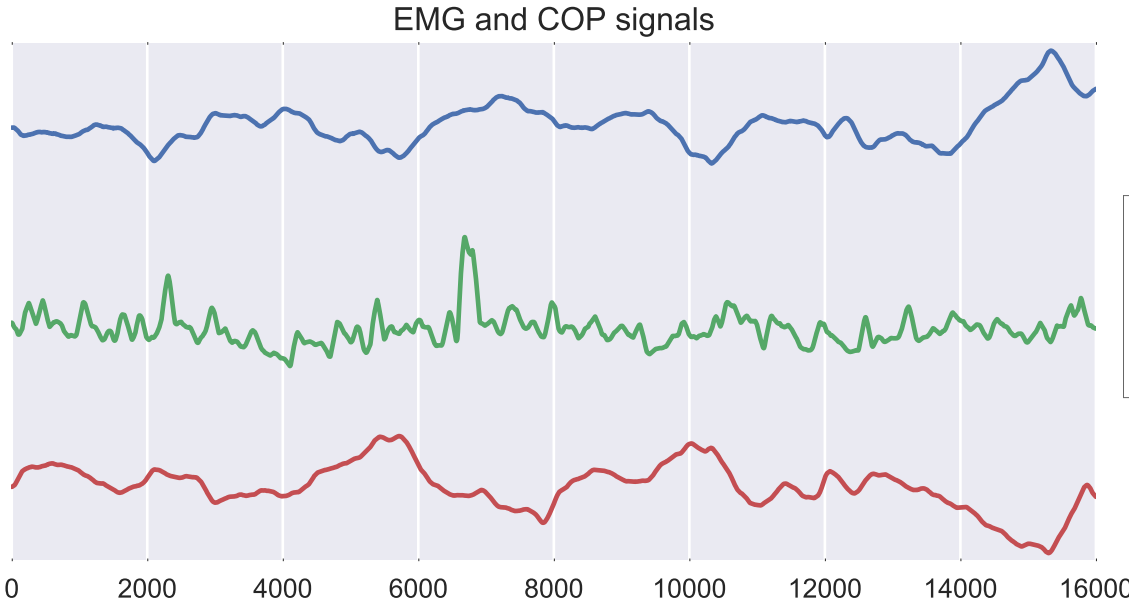
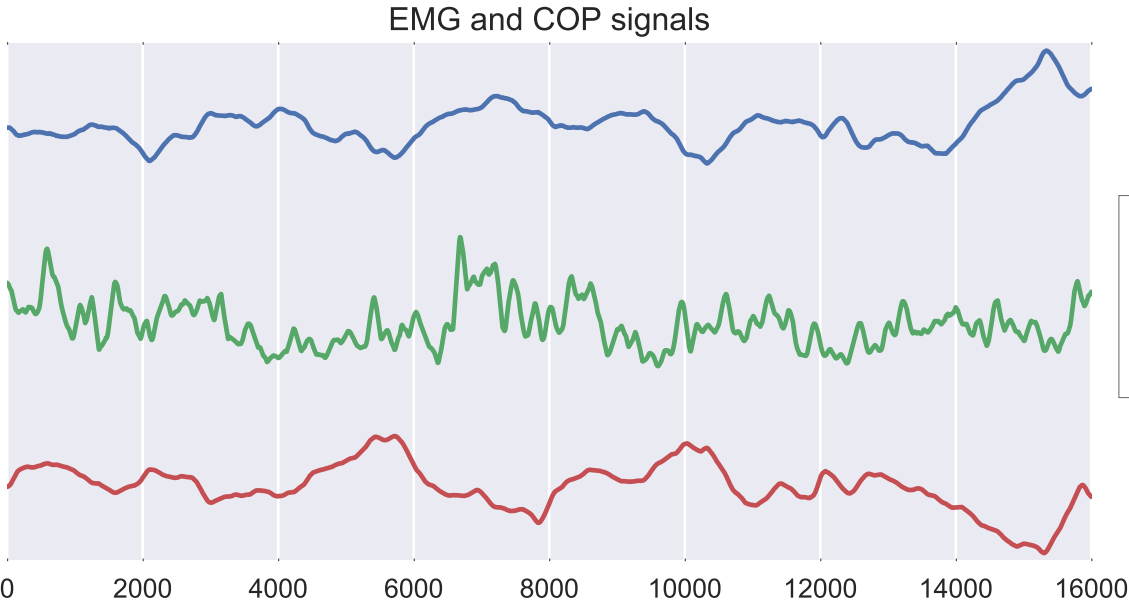
## Patient1 Healthy





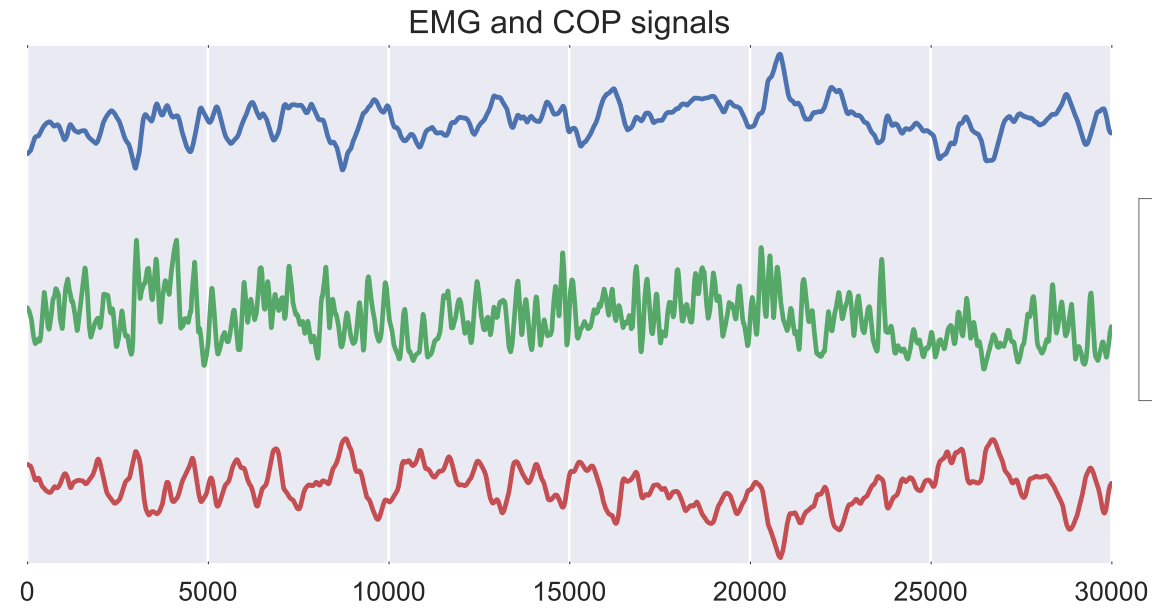
# Front and Back muscle/Cross direction - Arms\_extension

## Patient1 Healthy



# Front and Back muscle/Cross direction - OneFootStanding\_L\_EO

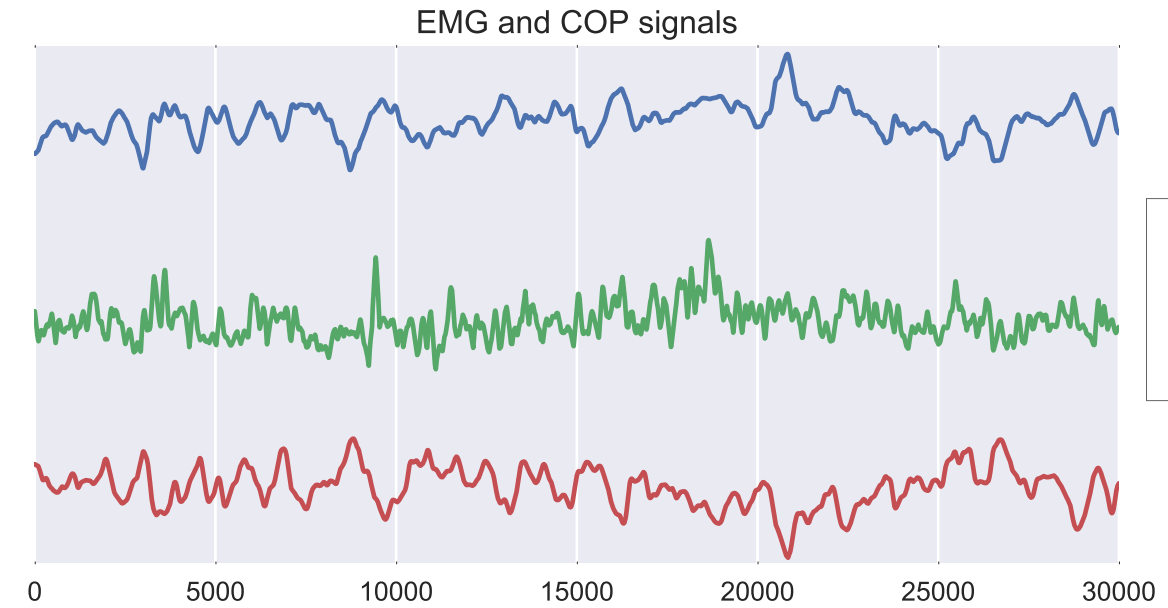
## Patient1 Healthy



— COP X trajectory  
— Rectus L - Multifidus R  
— COP Y trajectory

Correlation coefficient EMG/COPX:  
0.29587

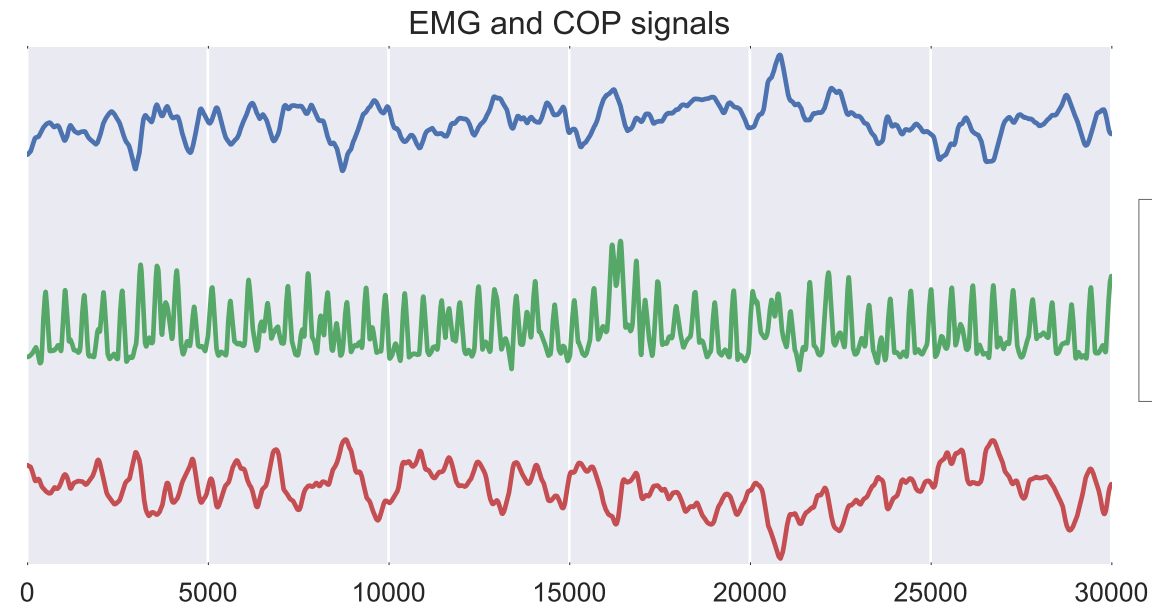
Pearson coefficient EMG/COPY:  
-0.22677



— COP X trajectory  
— Rectus R - Multifidus L  
— COP Y trajectory

Correlation coefficient EMG/COPX:  
0.34348

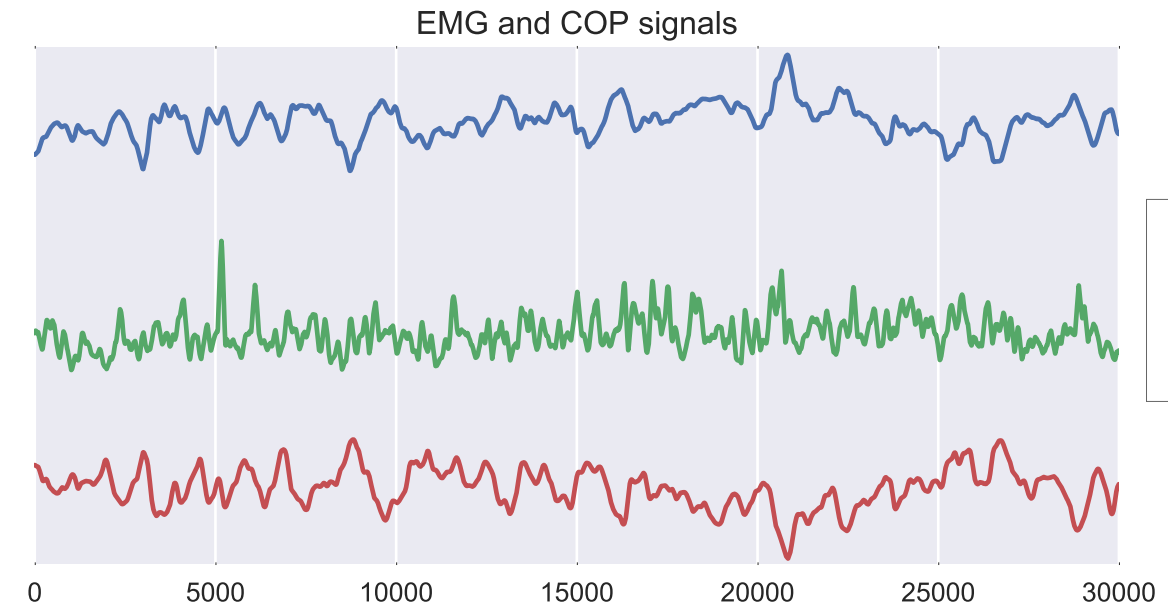
Pearson coefficient EMG/COPY:  
-0.33952



— COP X trajectory  
— Obliques L - Ilicostalis R  
— COP Y trajectory

Correlation coefficient EMG/COPX:  
0.16851

Pearson coefficient EMG/COPY:  
-0.01480



— COP X trajectory  
— Obliques R - Ilicostalis L  
— COP Y trajectory

Correlation coefficient EMG/COPX:  
0.16018

Pearson coefficient EMG/COPY:  
-0.17703

# Front and Back muscle/Cross direction - Reach\_R

## Patient1 Healthy

