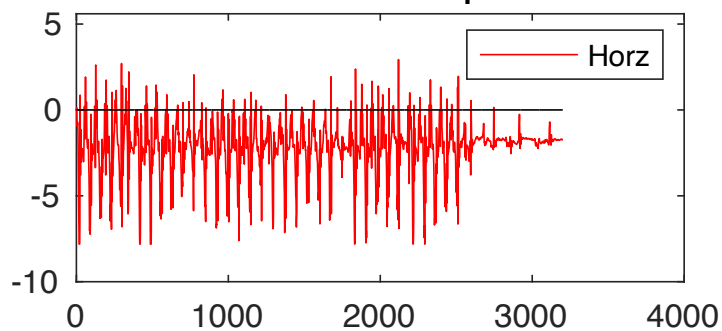


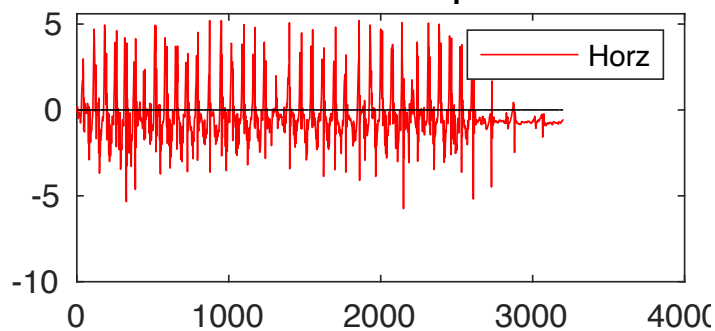
## Butterworth and Median IAT

No Filter

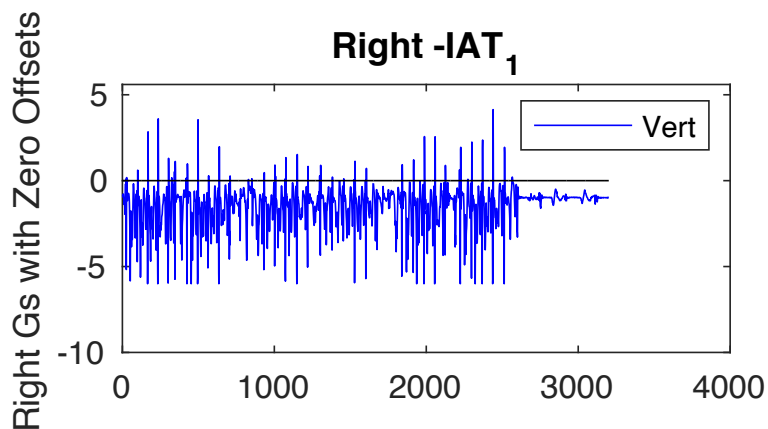
Right -IAT<sub>1</sub>



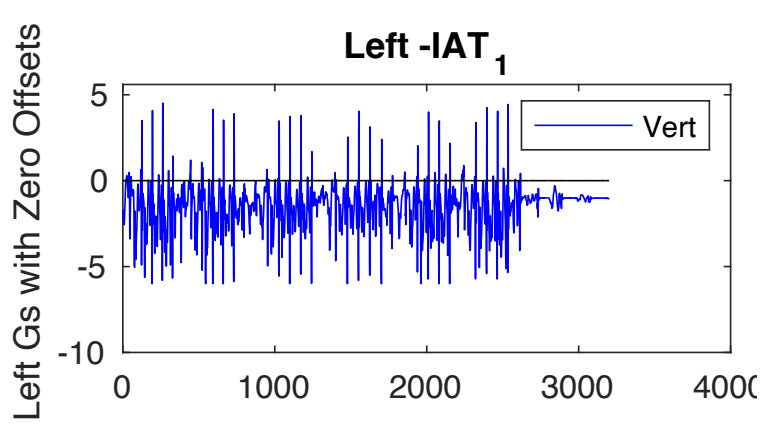
Left -IAT<sub>1</sub>



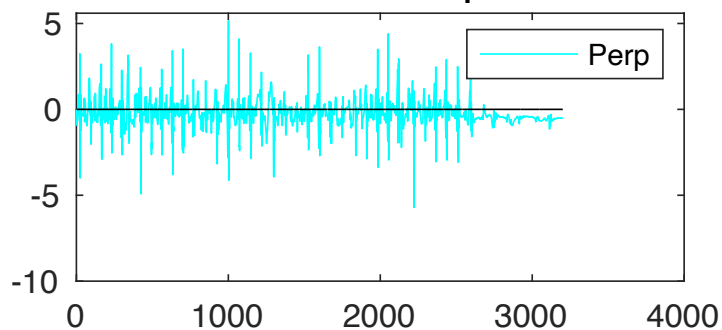
Right -IAT<sub>1</sub>



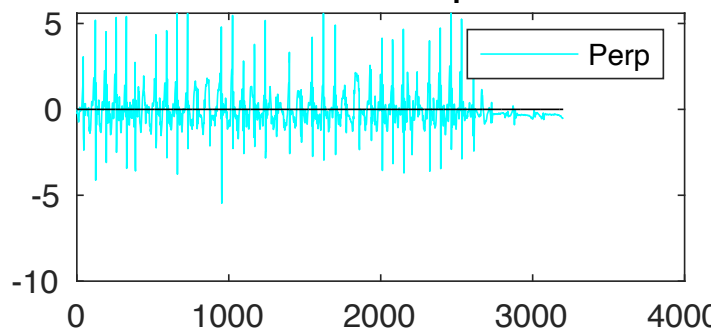
Left -IAT<sub>1</sub>



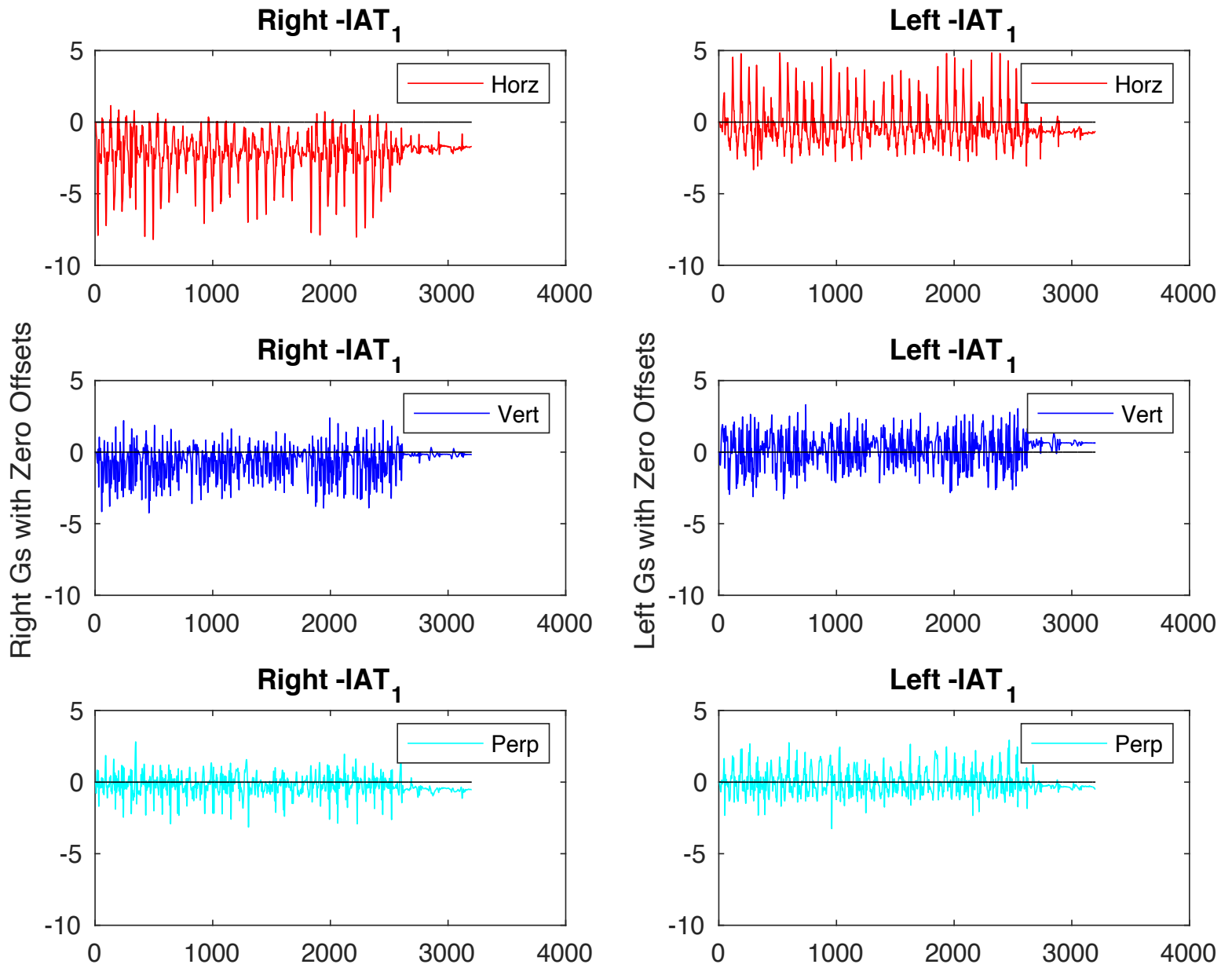
Right -IAT<sub>1</sub>



Left -IAT<sub>1</sub>

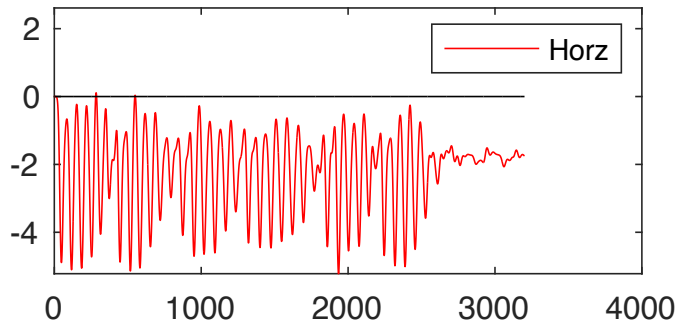


6<sup>th</sup>-Order Butterworth with  $F_c = 50$  Hz and  $F_s = 100$  Hz

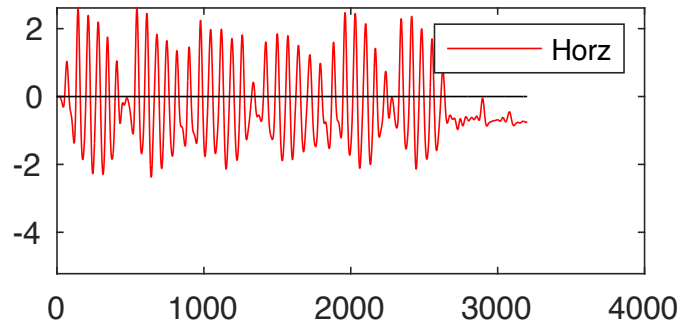


6<sup>th</sup>-Order Butterworth with  $F_c = 10$  Hz and  $F_s = 100$  Hz

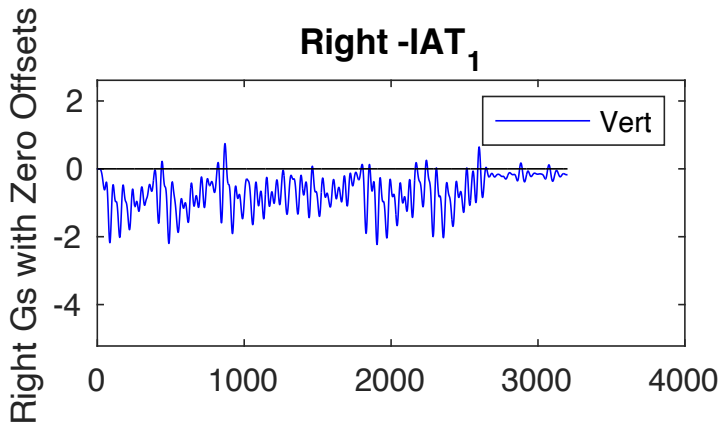
Right -IAT<sub>1</sub>



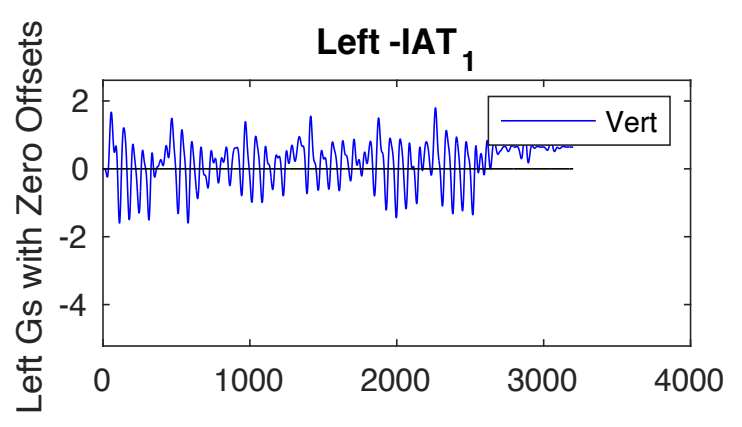
Left -IAT<sub>1</sub>



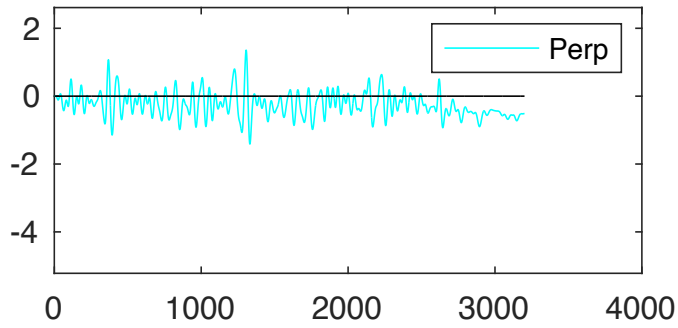
Right -IAT<sub>1</sub>



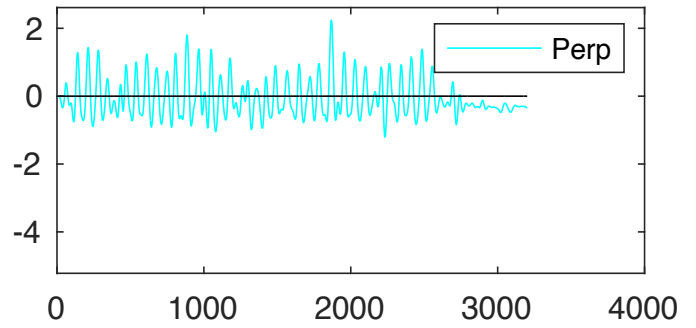
Left -IAT<sub>1</sub>



Right -IAT<sub>1</sub>

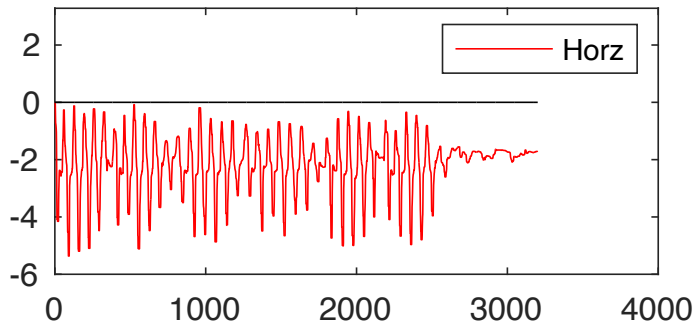


Left -IAT<sub>1</sub>

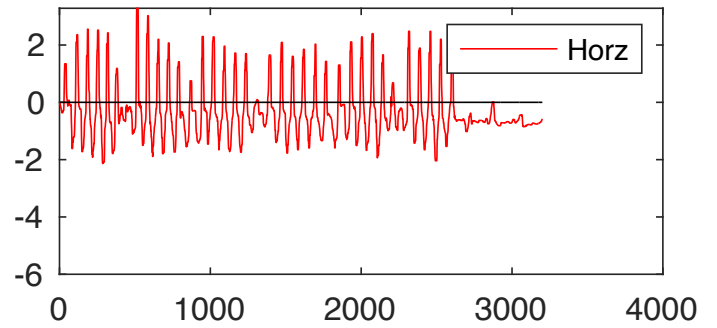


# 20<sup>th</sup>-Order Median Filter

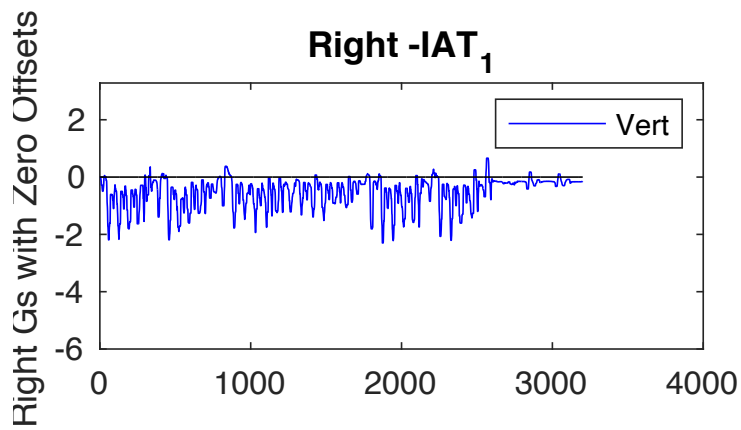
## Right -IAT<sub>1</sub>



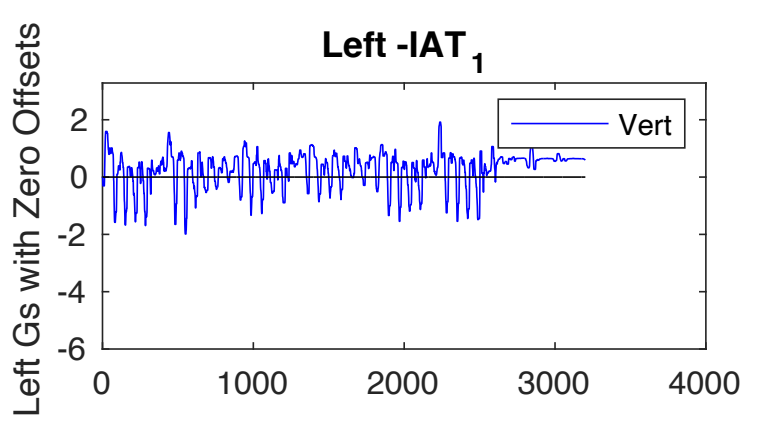
## Left -IAT<sub>1</sub>



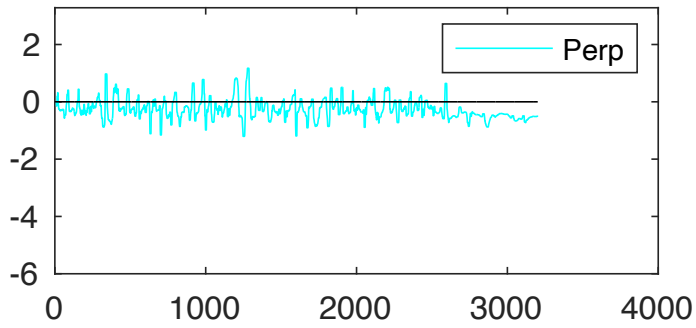
## Right -IAT<sub>1</sub>



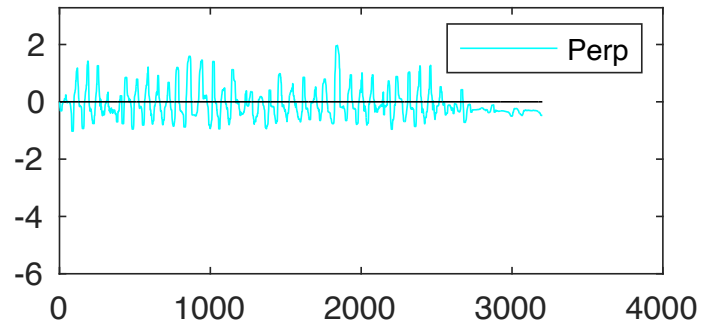
## Left -IAT<sub>1</sub>



## Right -IAT<sub>1</sub>

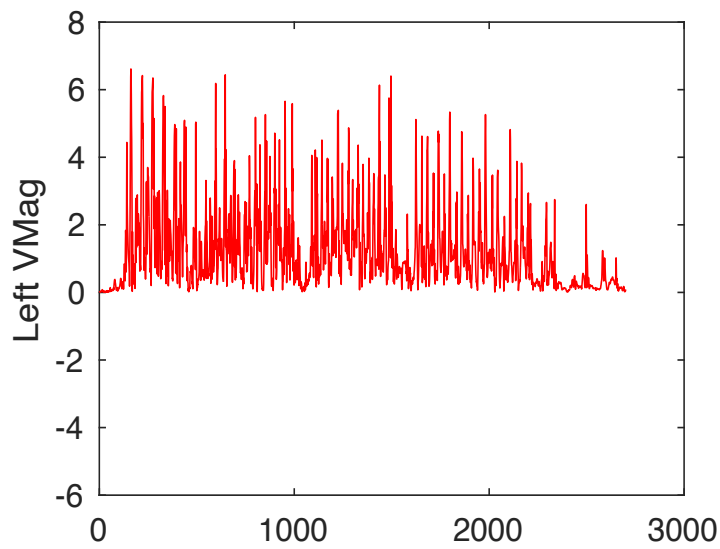
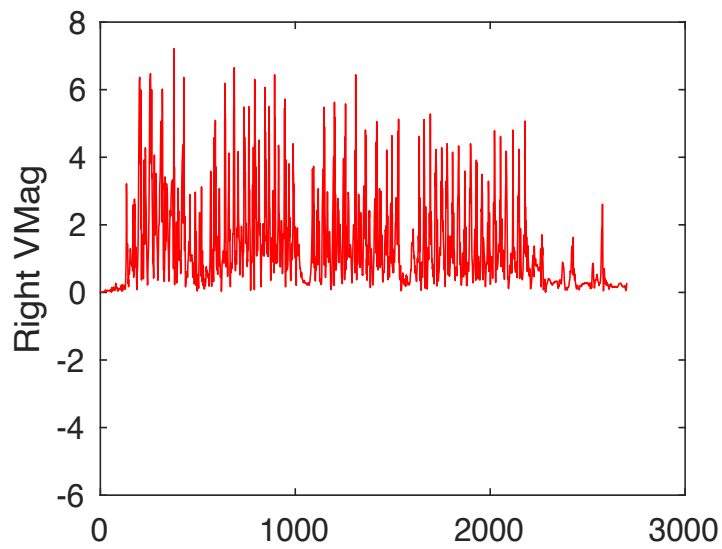
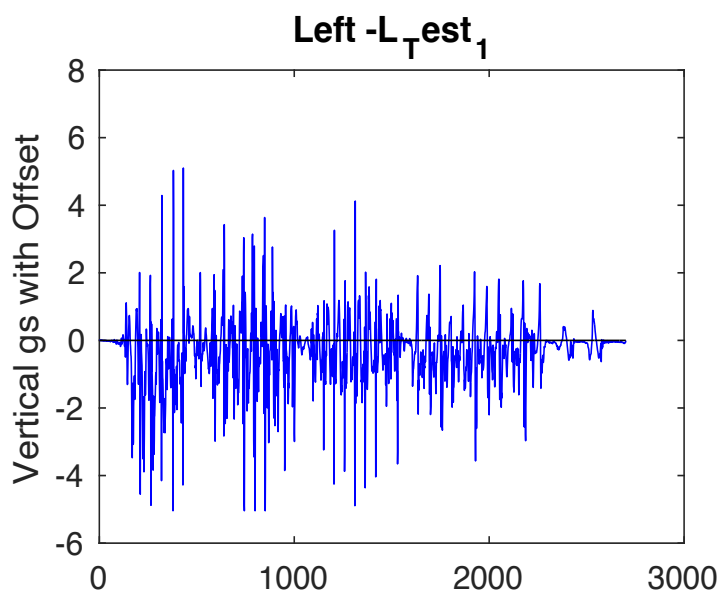
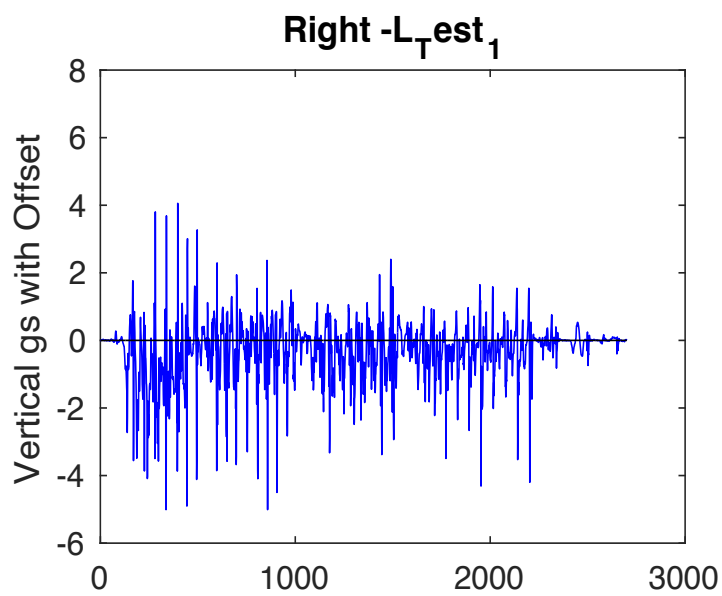


## Left -IAT<sub>1</sub>

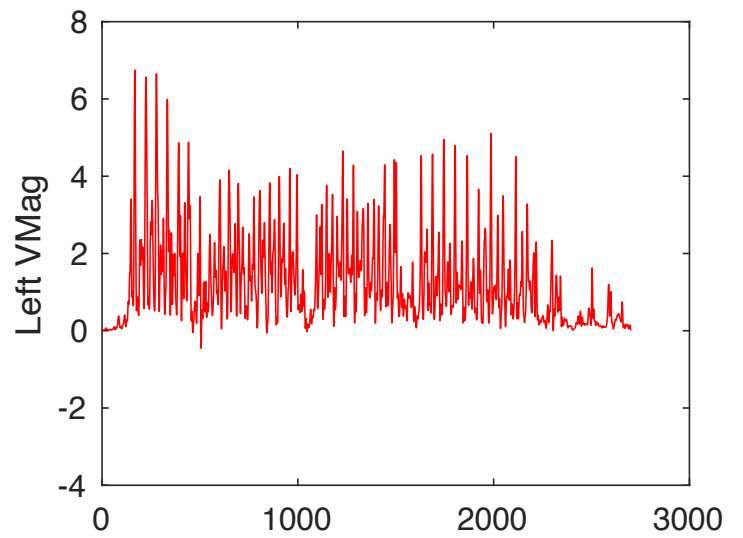
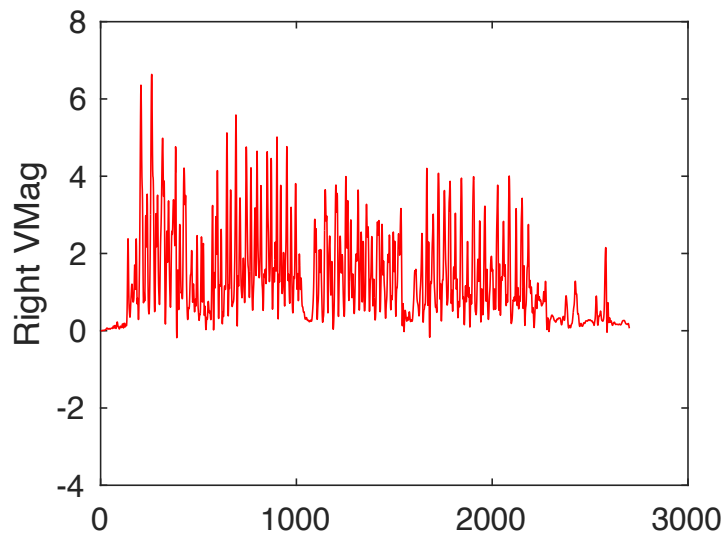
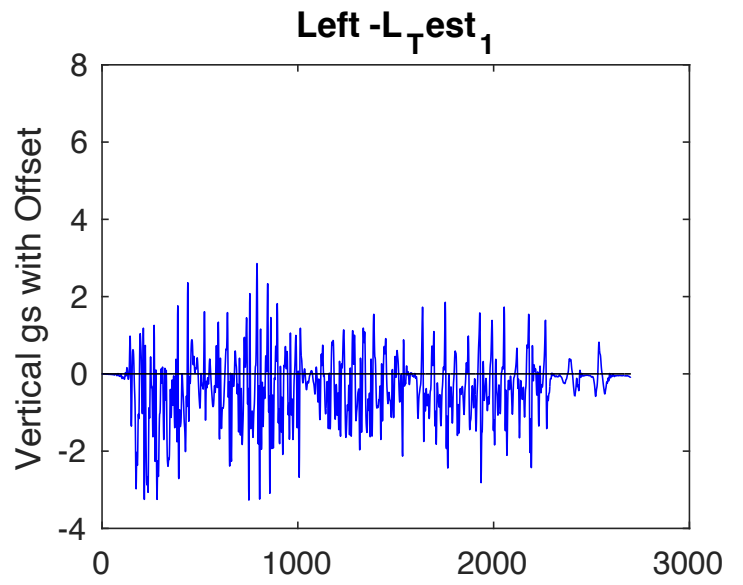
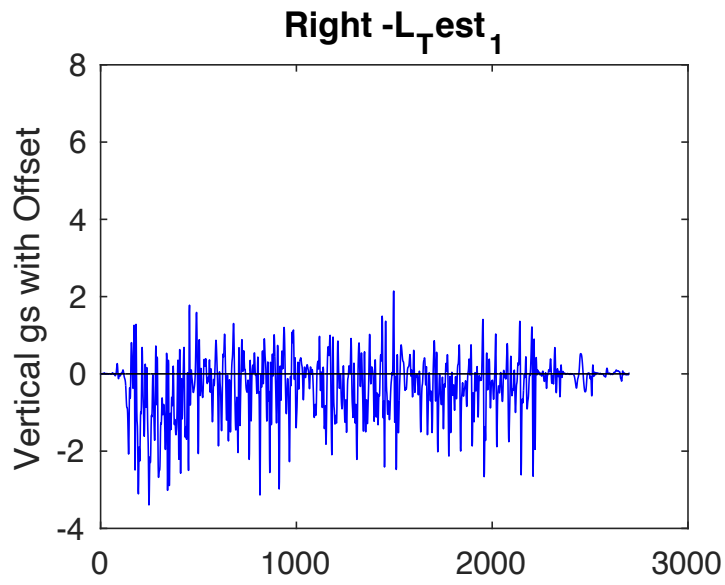


## Butterworth and Median L-Test

No Filter

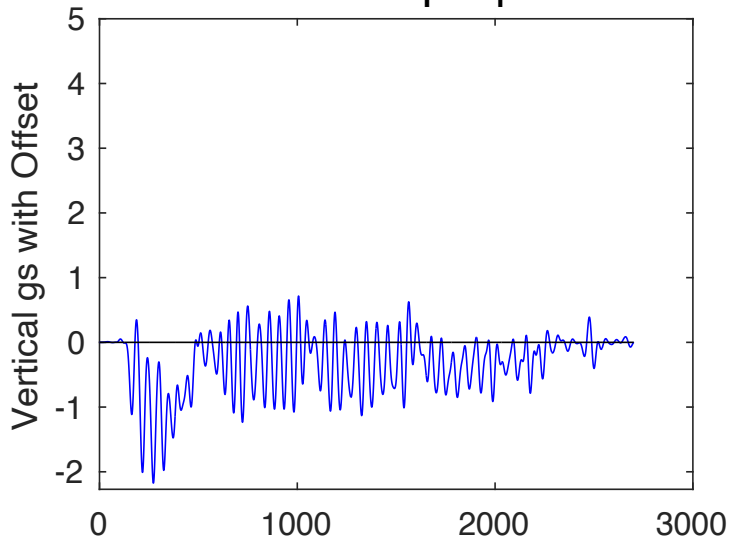


6<sup>th</sup>-Order Butterworth with  $F_c = 50$  Hz and  $F_s = 100$  Hz

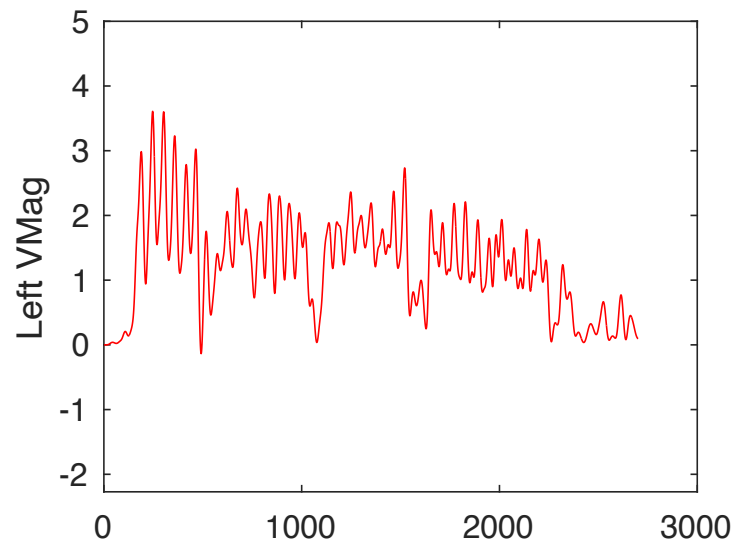
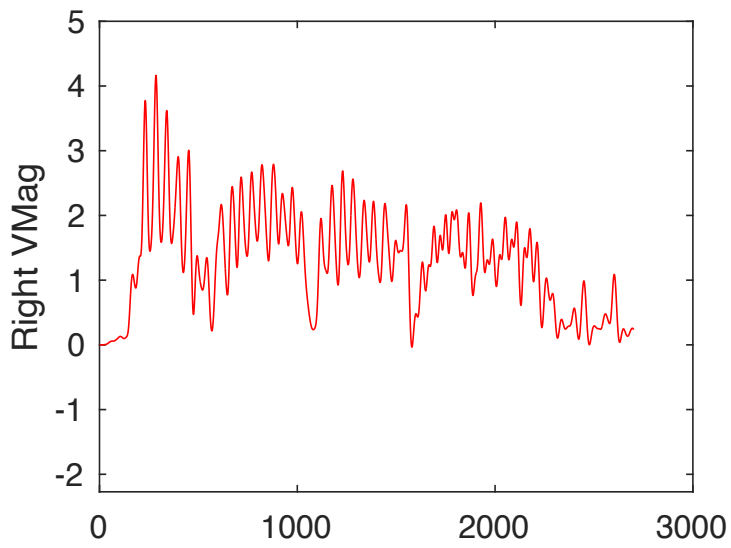
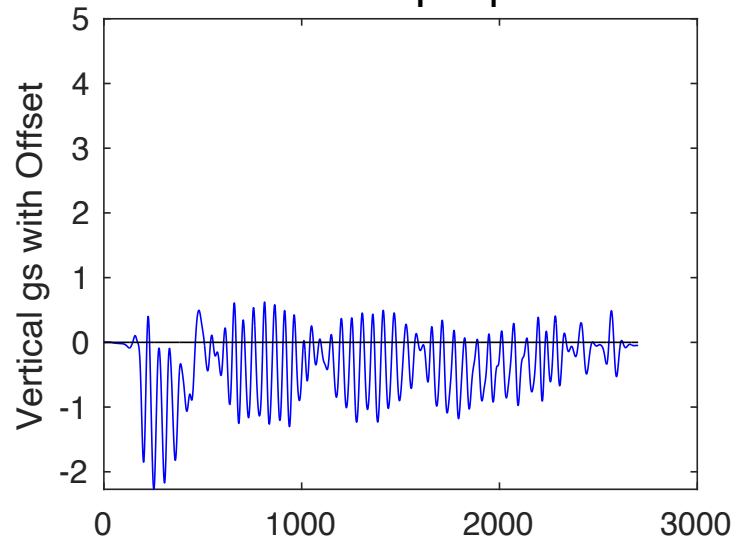


6<sup>th</sup>-Order Butterworth with  $F_c = 10$  Hz and  $F_s = 100$  Hz

Right - $L_T$ est<sub>1</sub>

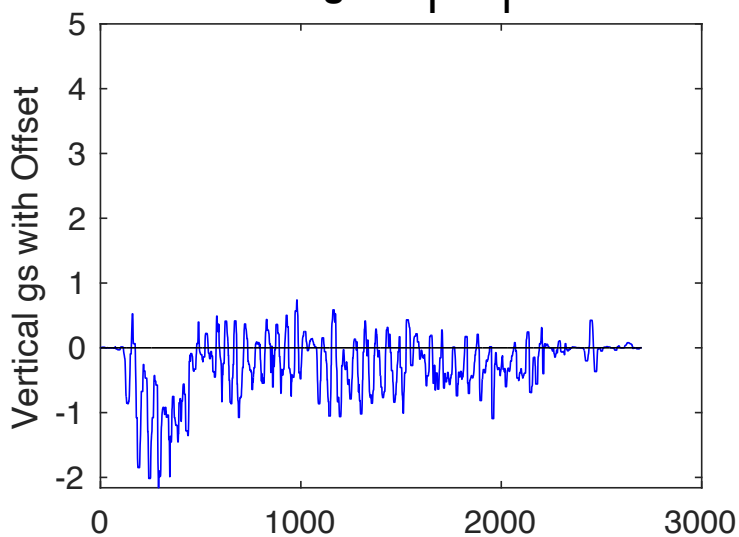


Left - $L_T$ est<sub>1</sub>

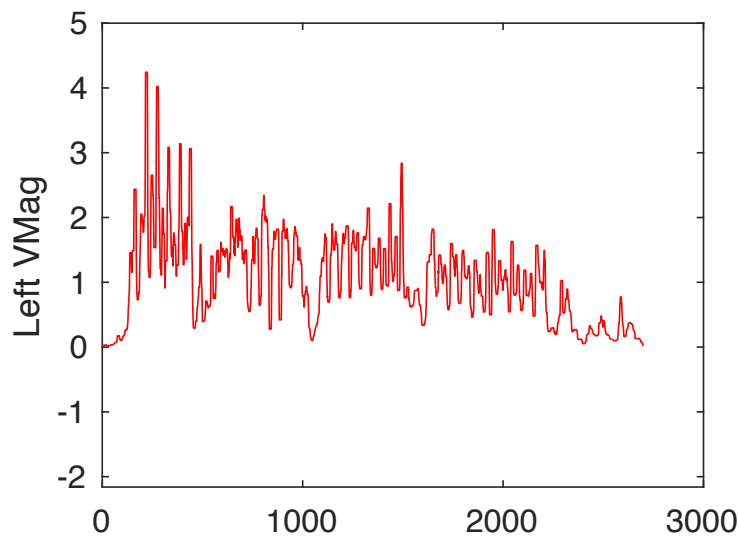
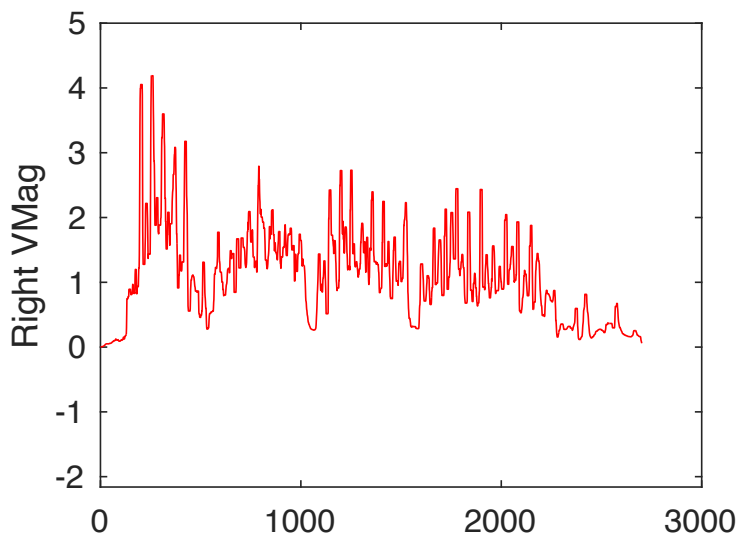
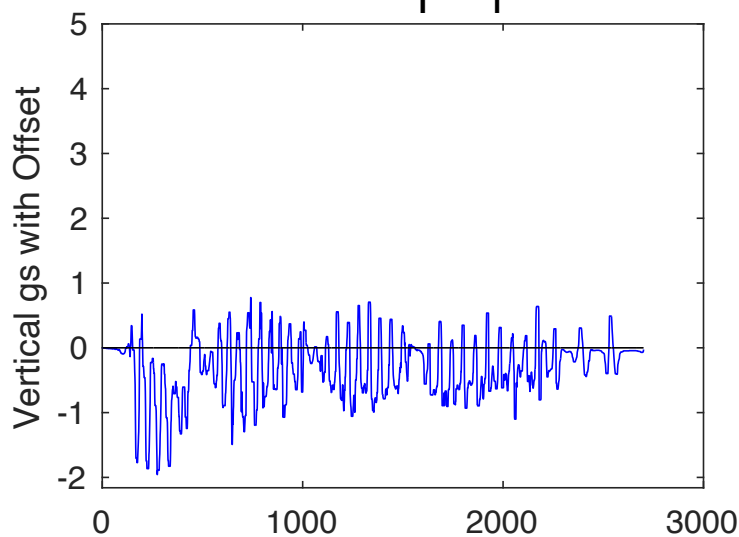


# 20<sup>th</sup>-Order Median Filter

Right -L<sub>T</sub>est<sub>1</sub>



Left -L<sub>T</sub>est<sub>1</sub>

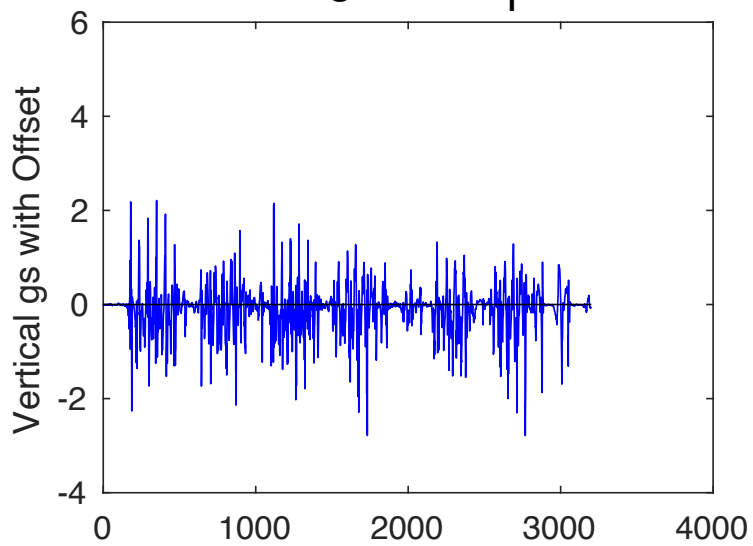




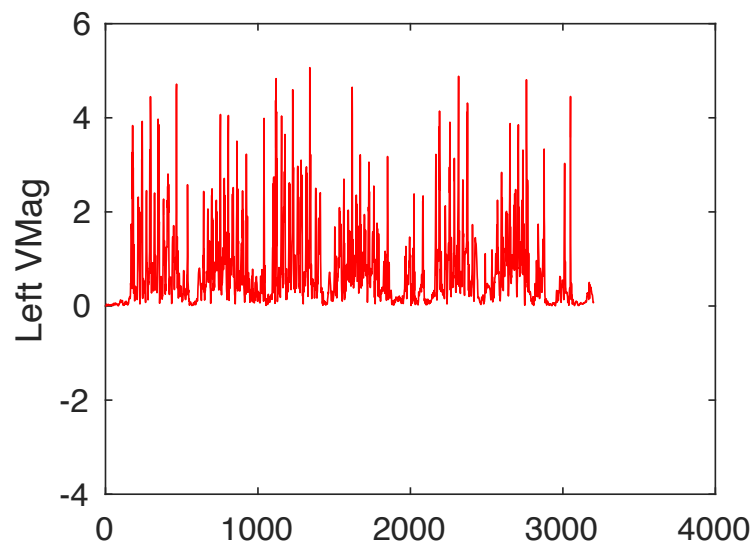
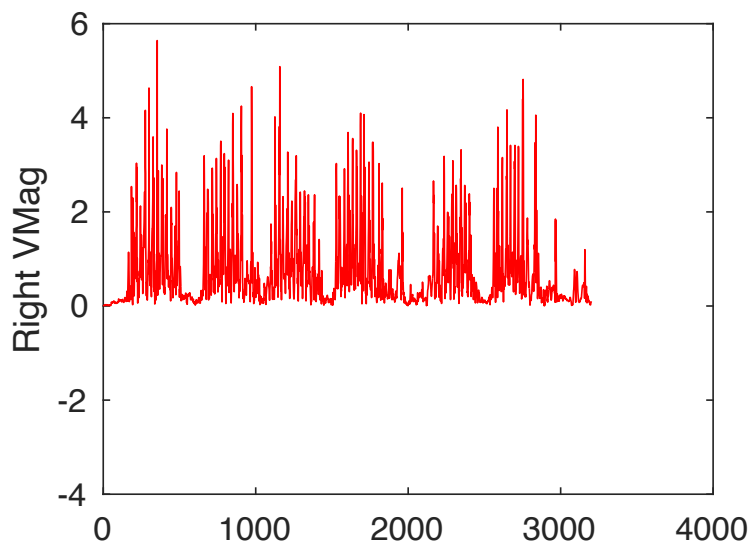
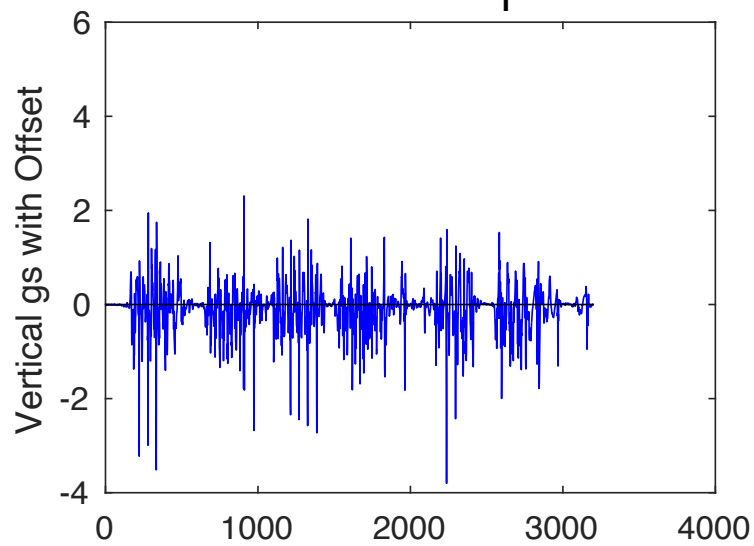
## Butterworth and Median Edgren Test

No Filter

Right -ESST<sub>1</sub>

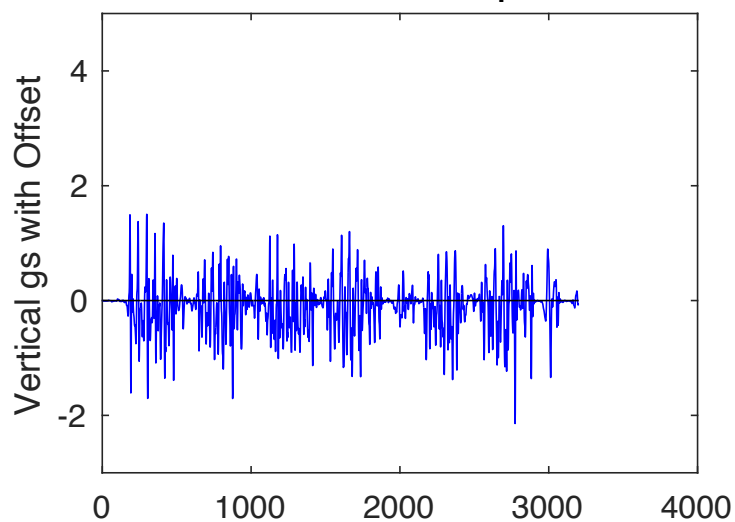


Left -ESST<sub>1</sub>

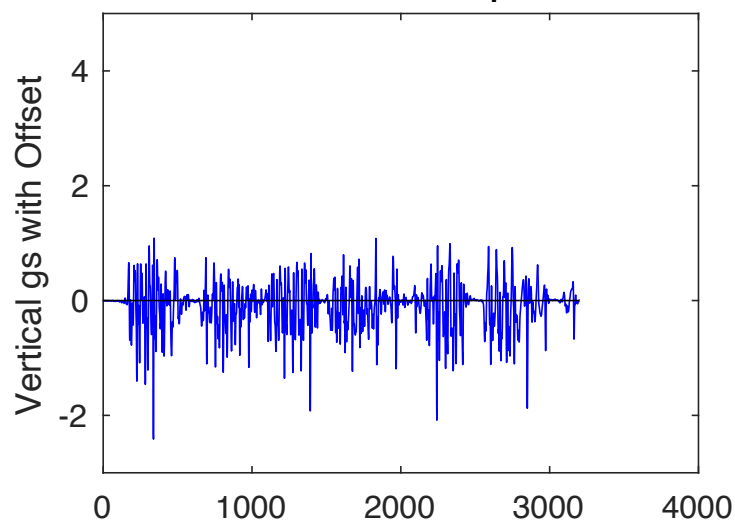


6<sup>th</sup>-Order Butterworth with  $F_c = 50$  Hz and  $F_s = 100$  Hz

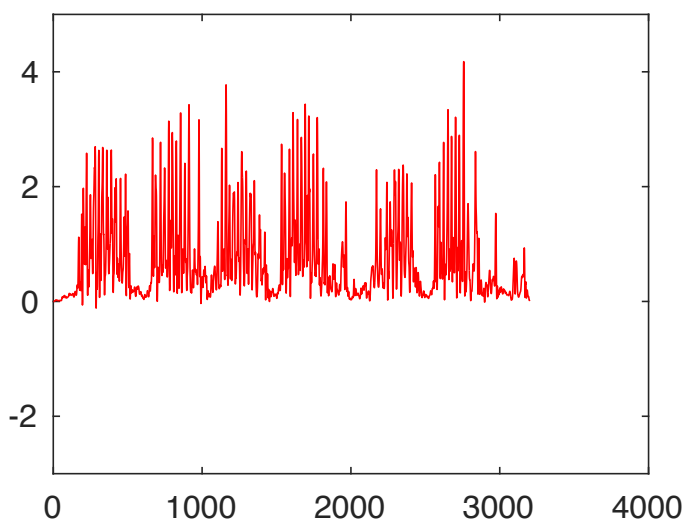
**Right -ESST<sub>1</sub>**



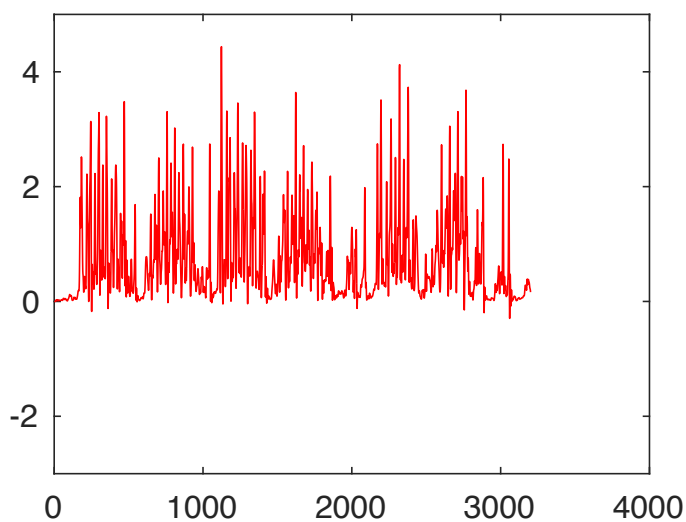
**Left -ESST<sub>1</sub>**



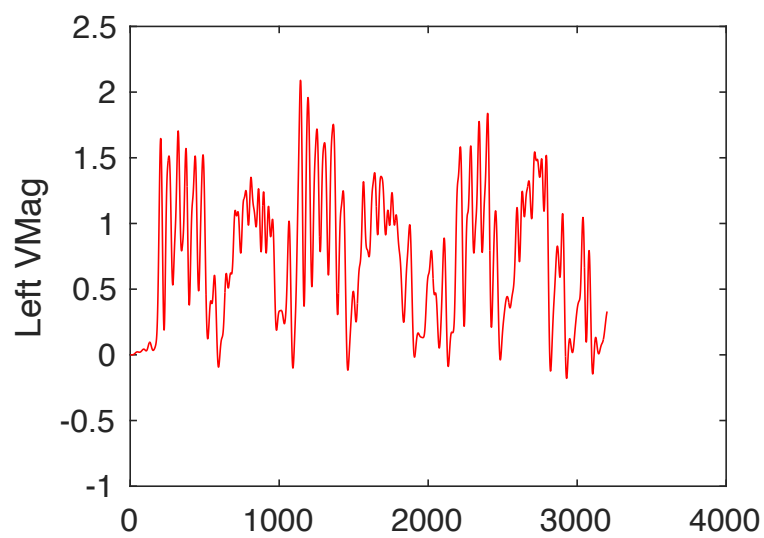
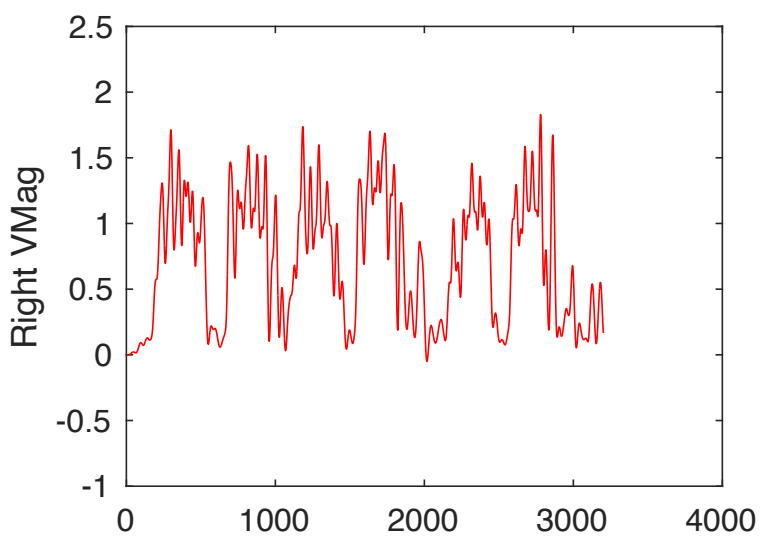
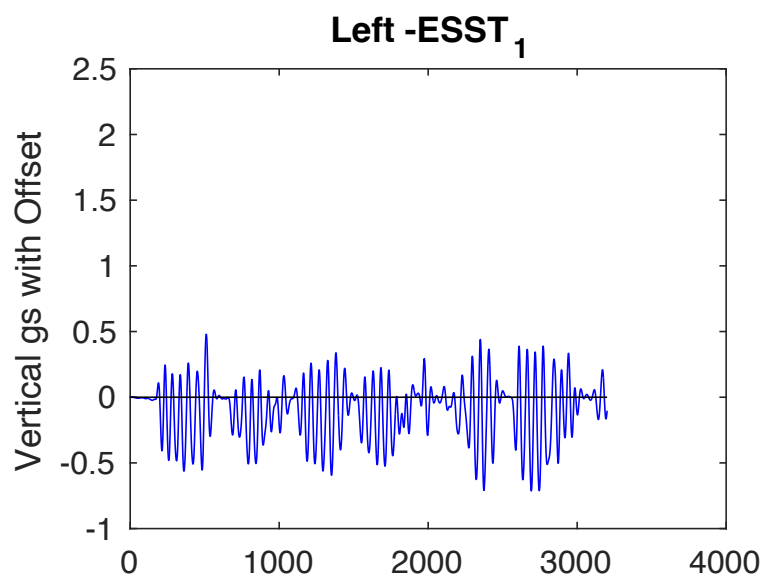
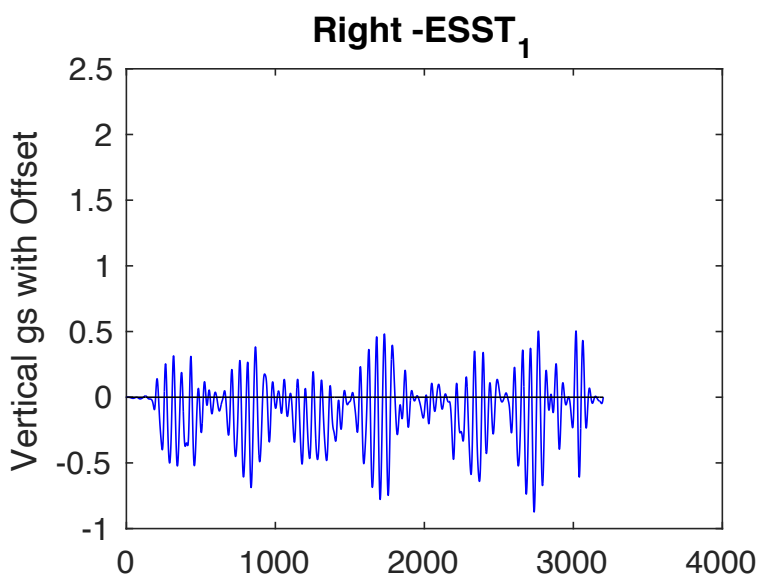
**Right VMag**



**Left VMag**

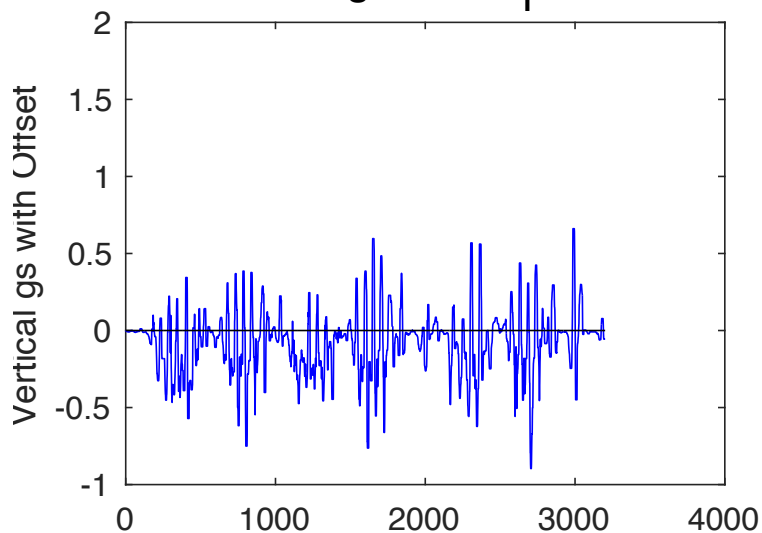


6<sup>th</sup>-Order Butterworth with  $F_c = 10$  Hz and  $F_s = 100$  Hz



20<sup>th</sup>-Order Median Filter

**Right -ESST<sub>1</sub>**



**Left -ESST<sub>1</sub>**

