

Author's Response:

- The minor suggestion of reviewer 1 has been followed. We added a brief discussion of similarities and differences between the shape of the observed Semiannual Variations ( $FI_{SAV}$  and  $Pc5_{SAV}$ ) and the predicted semiannual patterns of the three angles for DOYs between 1 and 179. The new paragraph can be found on page 13 line 261.