**Comparison of filters:**

Just by looking at the graph we see that all filters successfully smooth out the data. The MAF curve seems to be the smoothest, while the FIR curve has most noise. This could be because of the chosen coefficients. Particularly, for the FIR filter, I am filtering primarily a frequency of 60Hz, but it is possible that in this case it would be valuable to filter a different frequency as well.

The IIR filter on the other hand is the easiest to implement and has seemingly comparable noise reduction.

