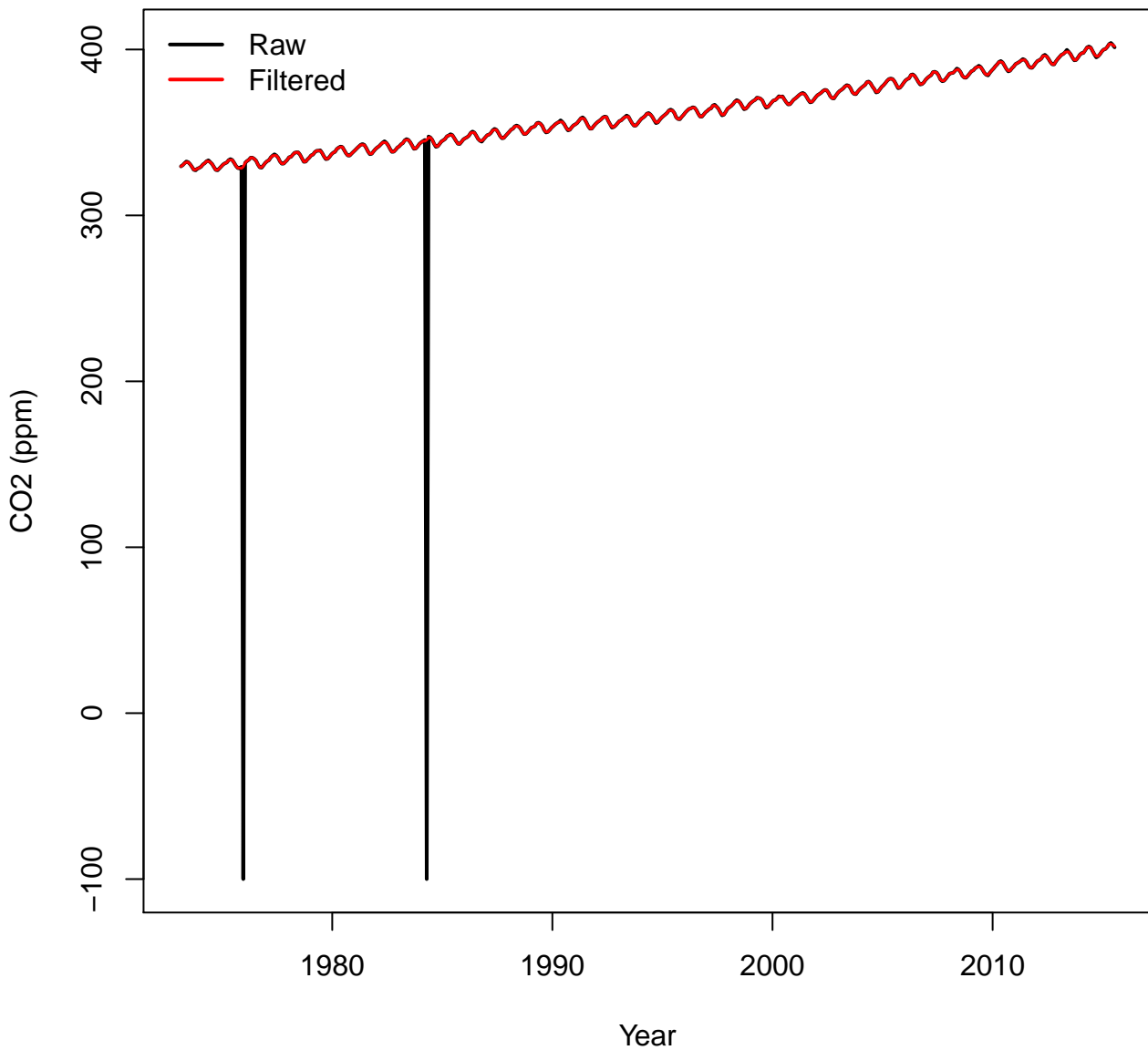
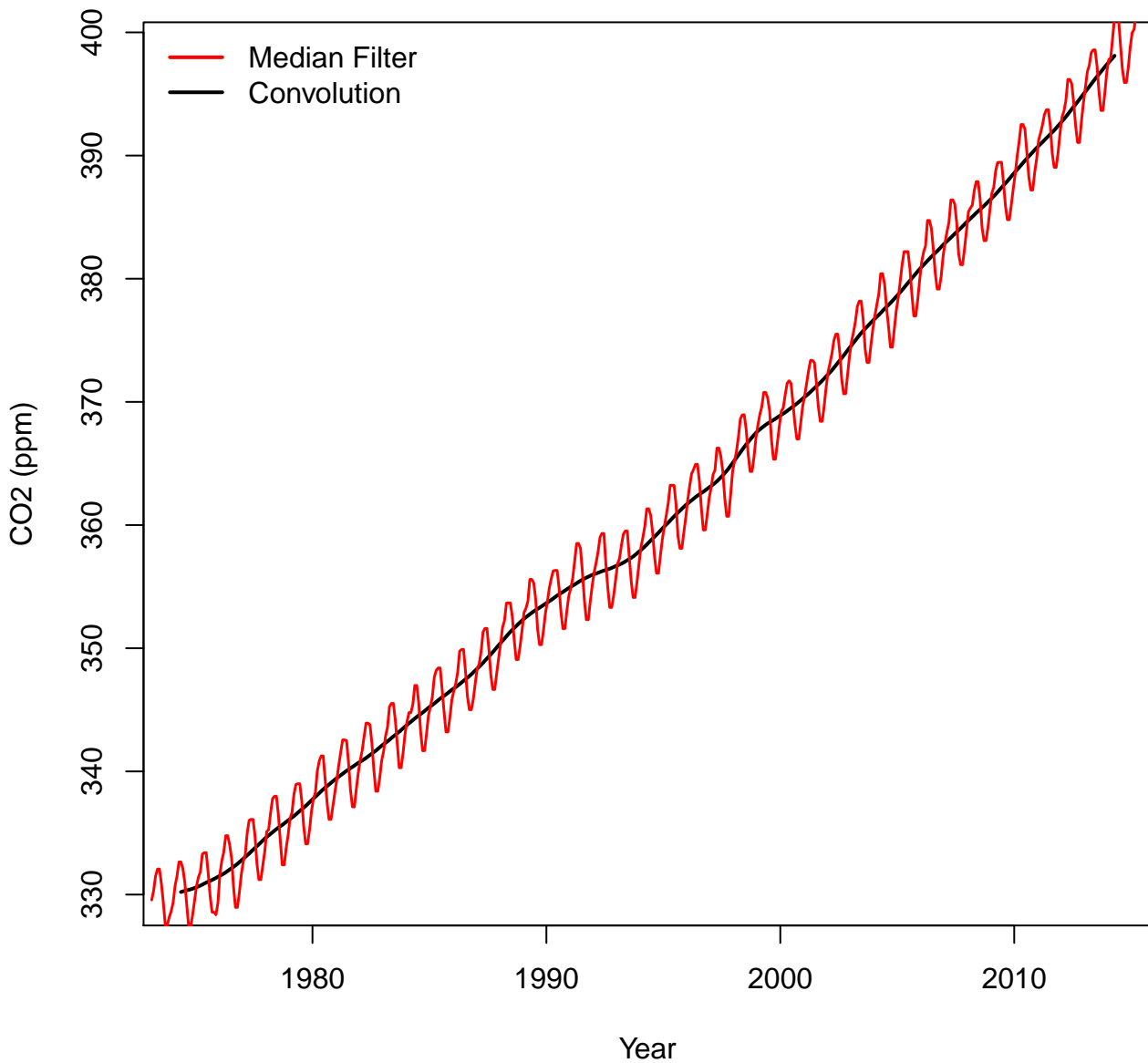


Jake Graham
DSP Lab 4

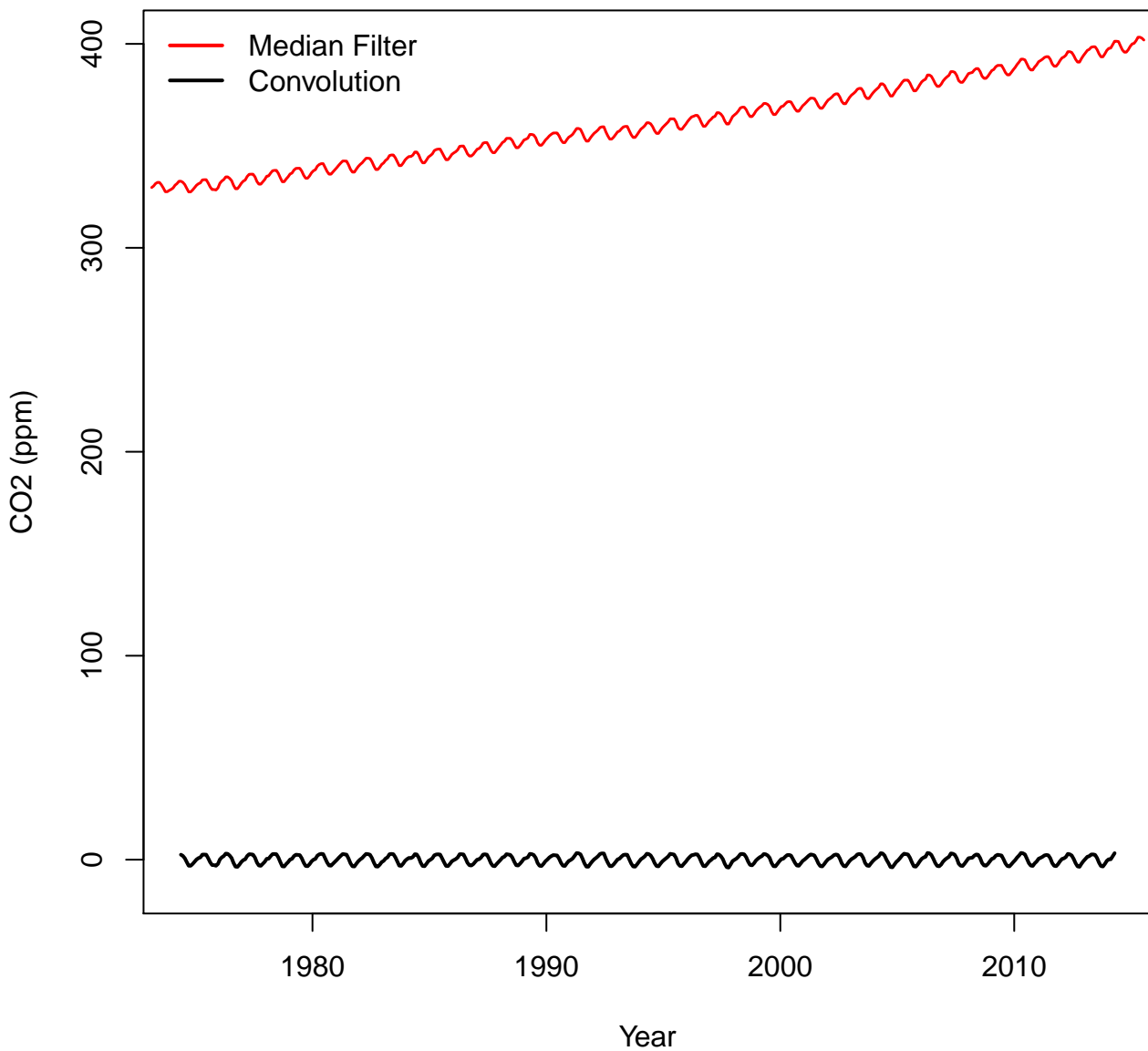
Q1



Q2



Q3



Median filter applies a filter that takes the median of the data point's neighbors. No, this is a non-linear operation, you could not recover the signal. The peaks are decreased and the troughs would increase. If the midpoint was zero, the midpoint would be 1. You would get the original signal.

Q3: The second (bottom) filter removes the DC offset

