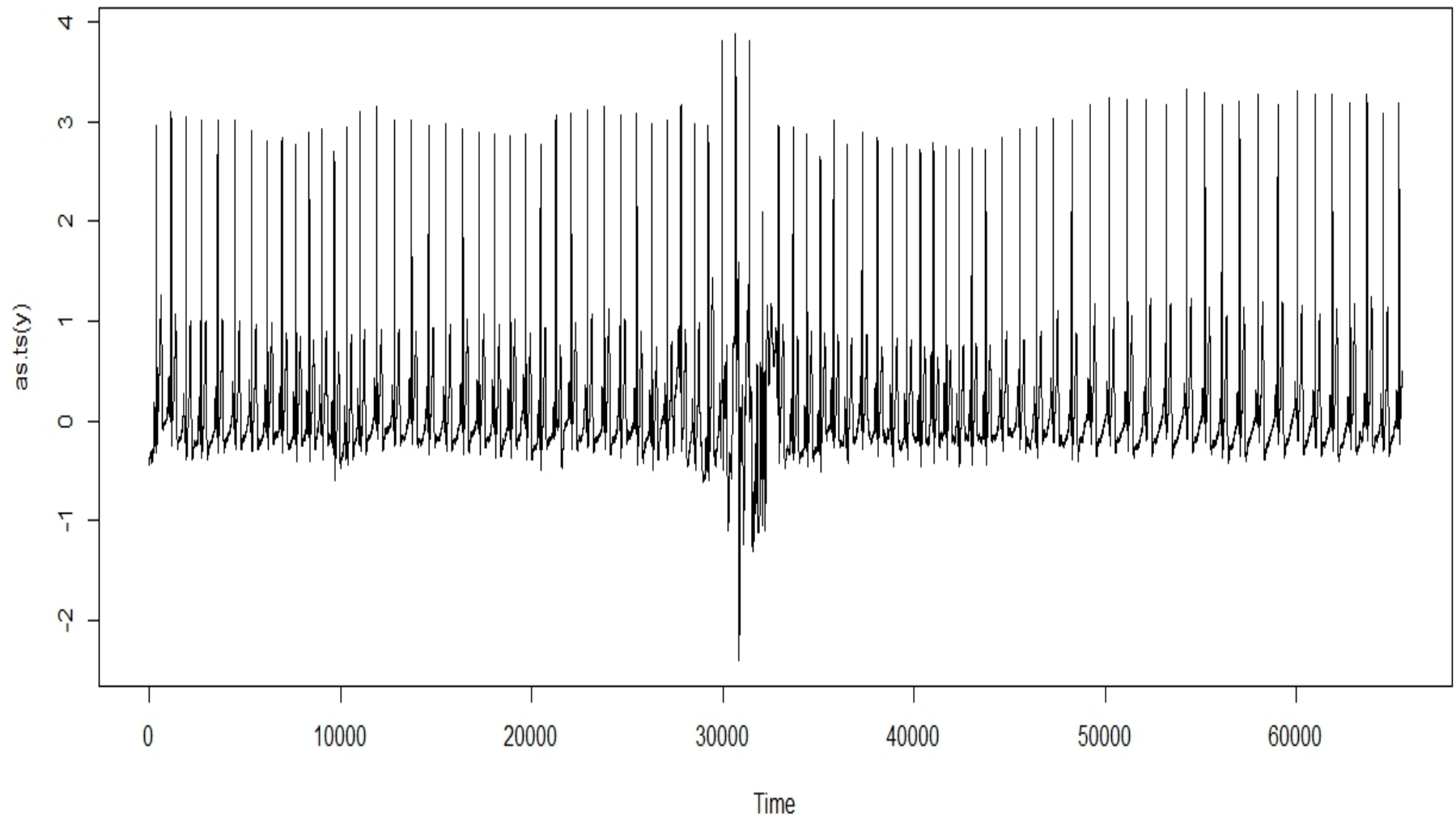
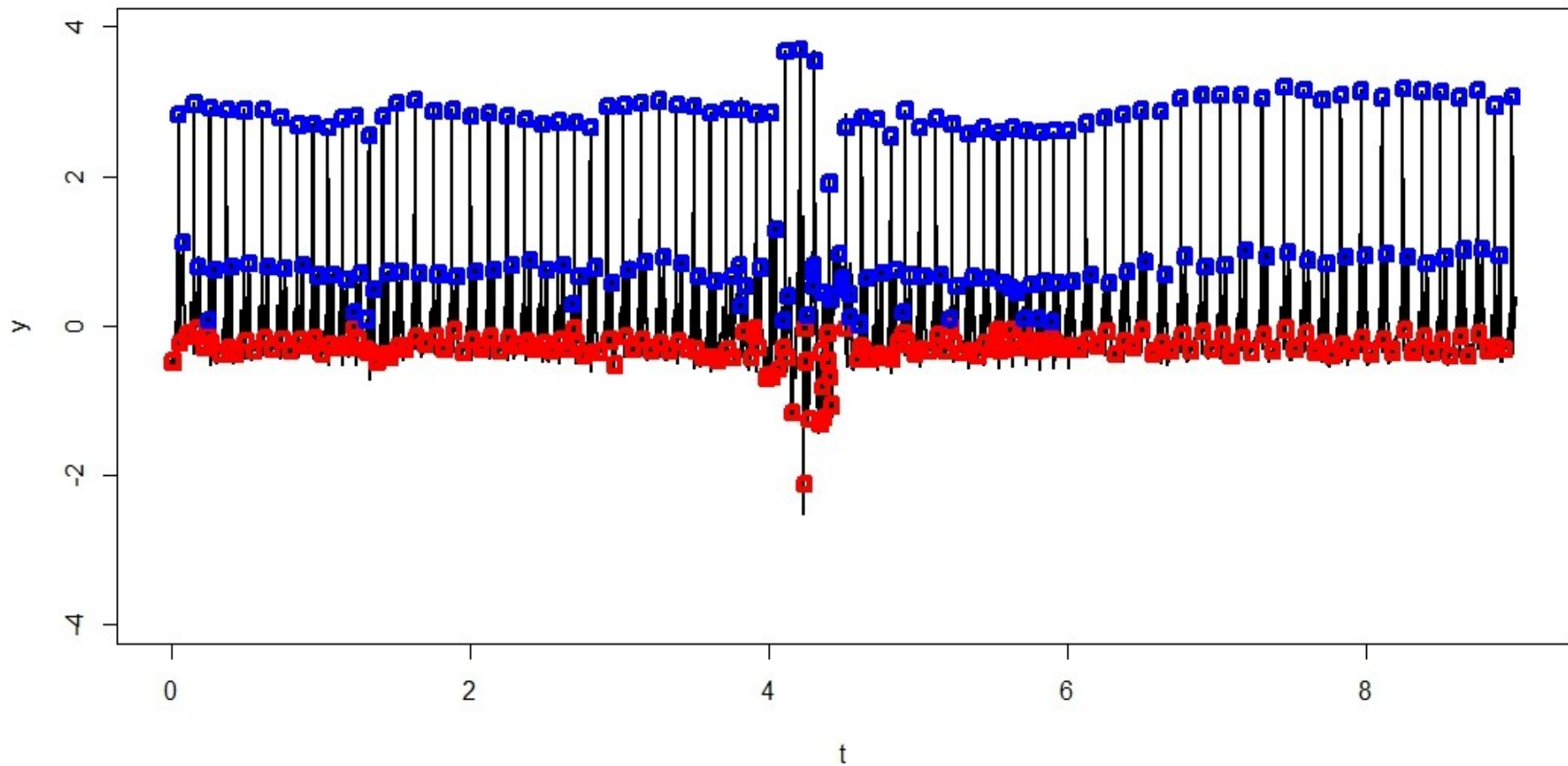


Original series

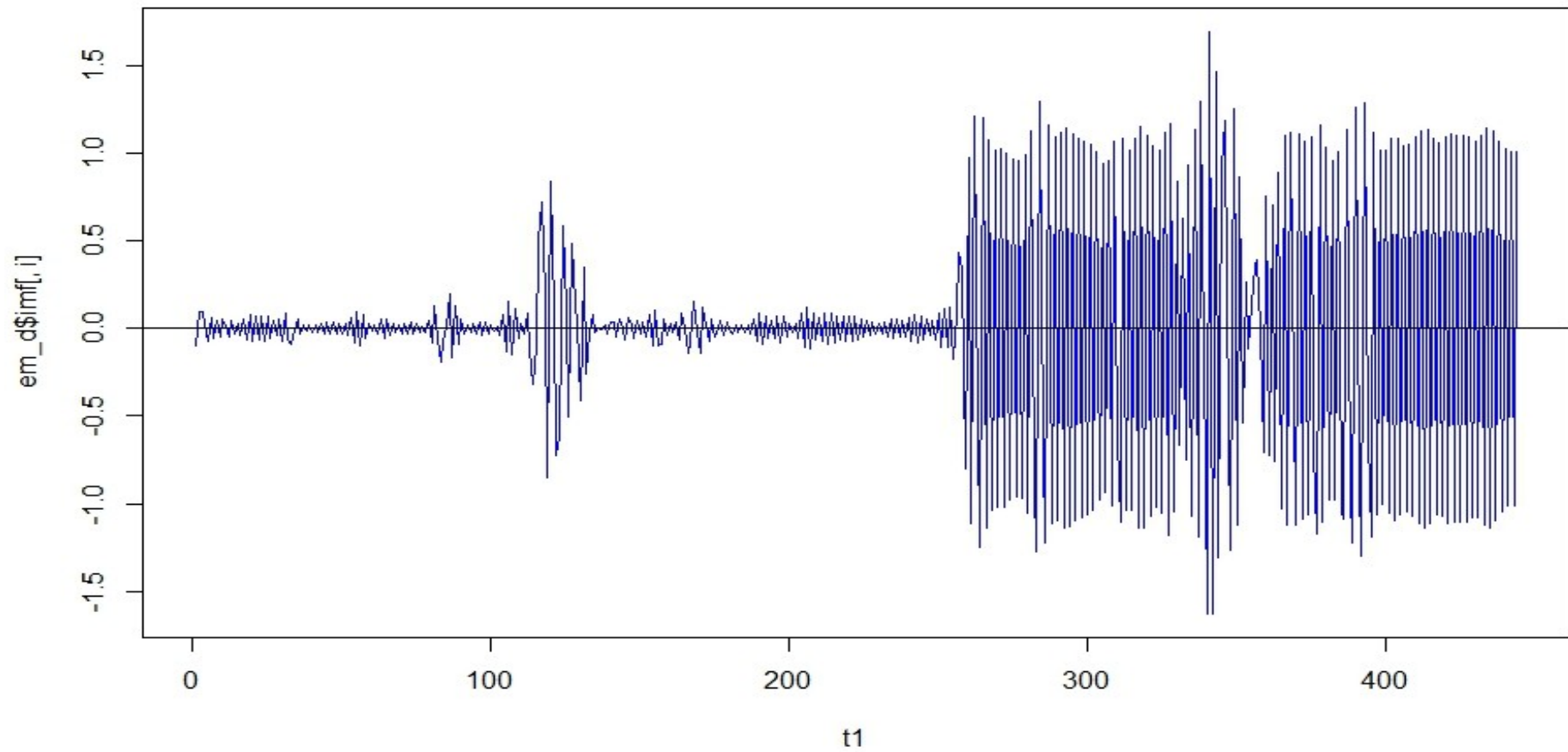


Identifying extrema

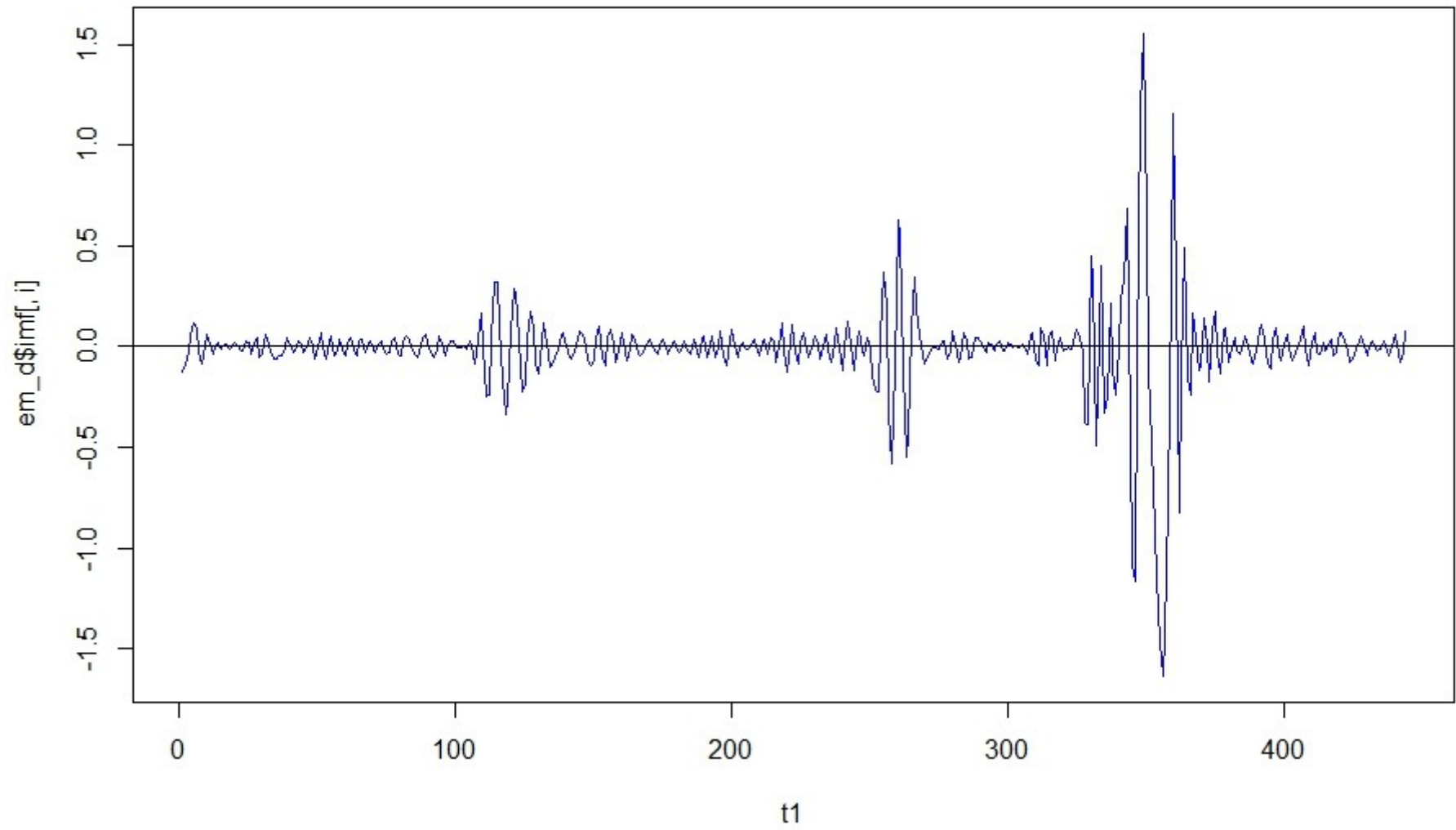


IMFs Identified

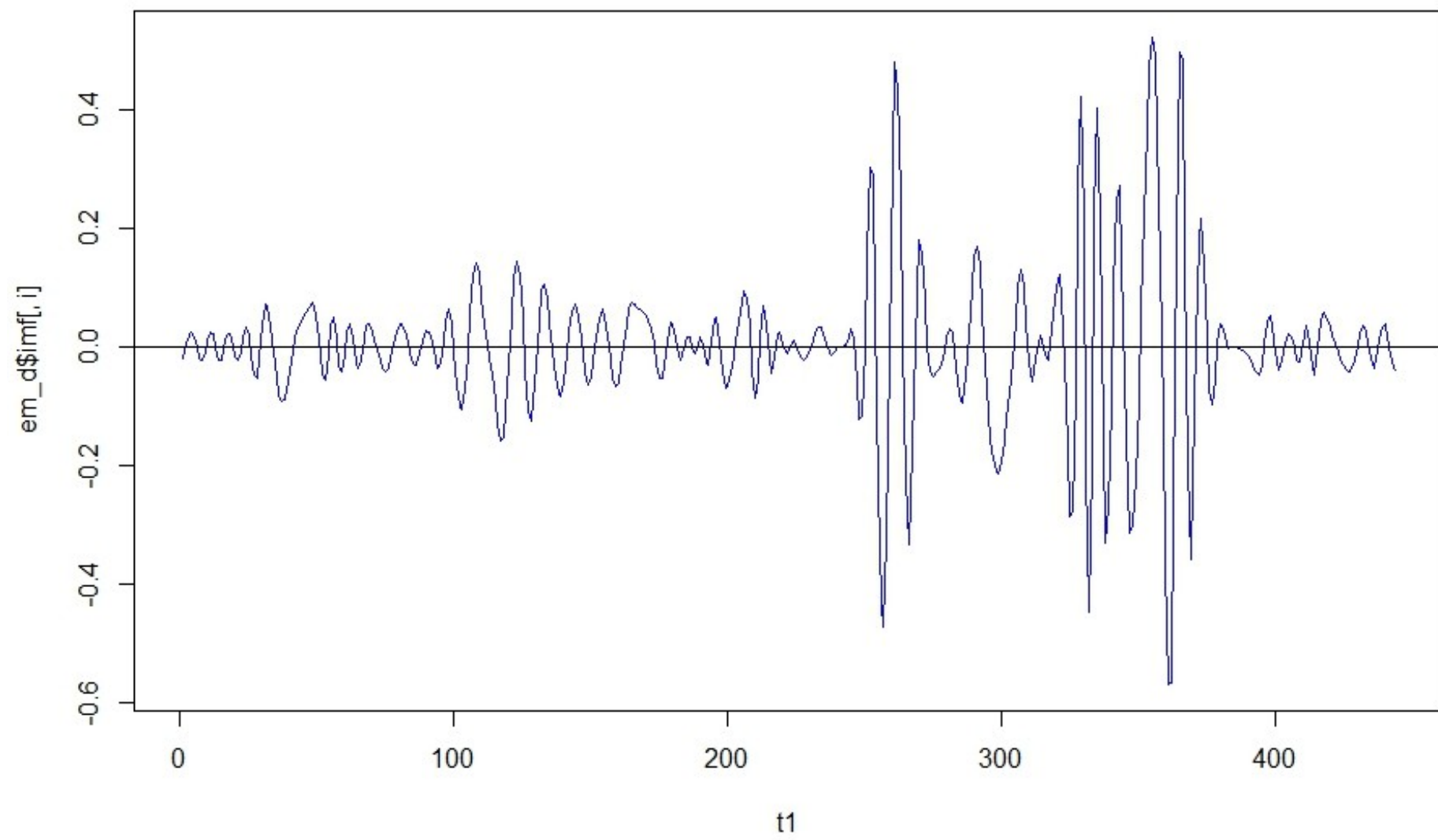
IMF1



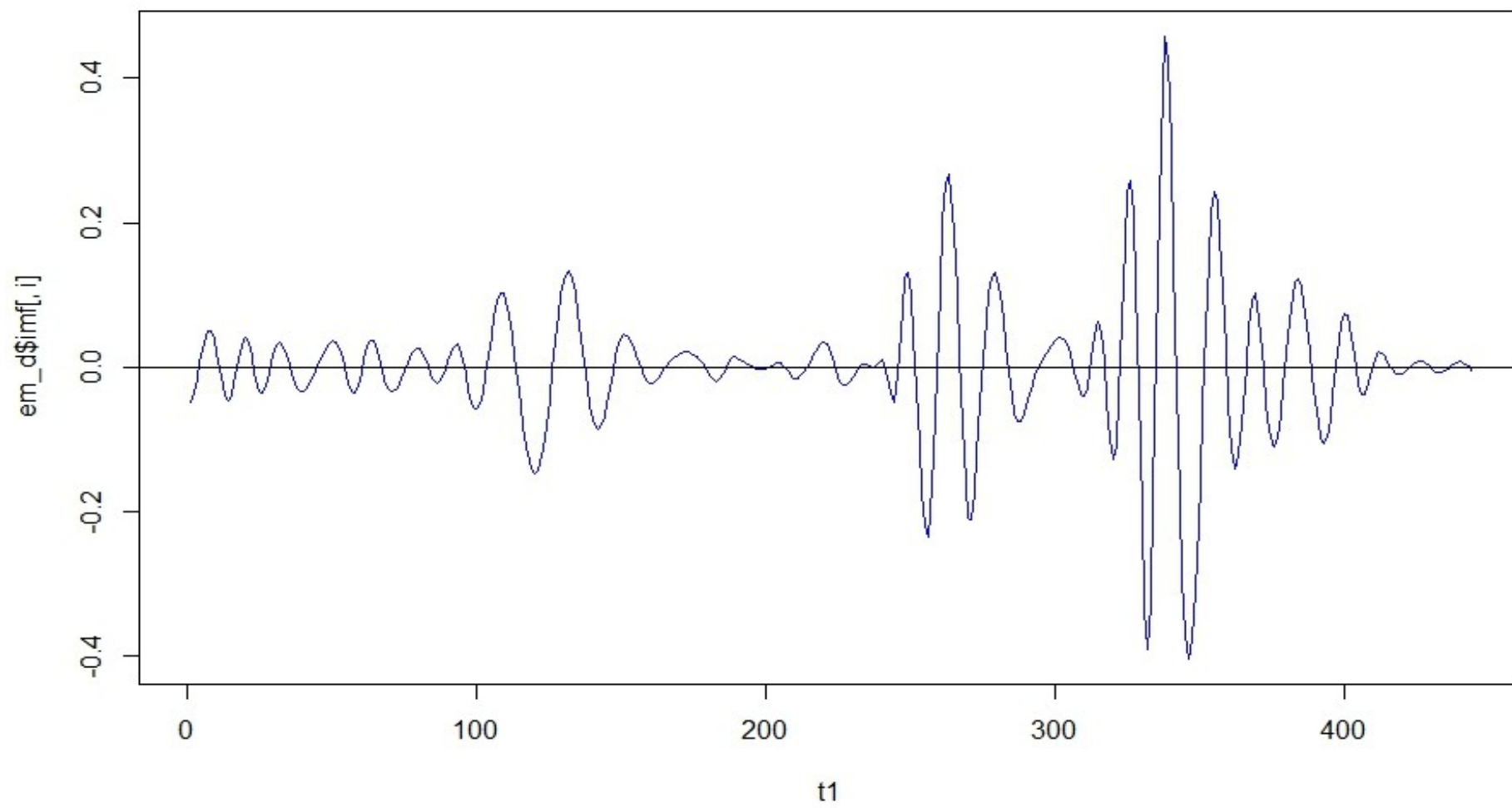
IMF2



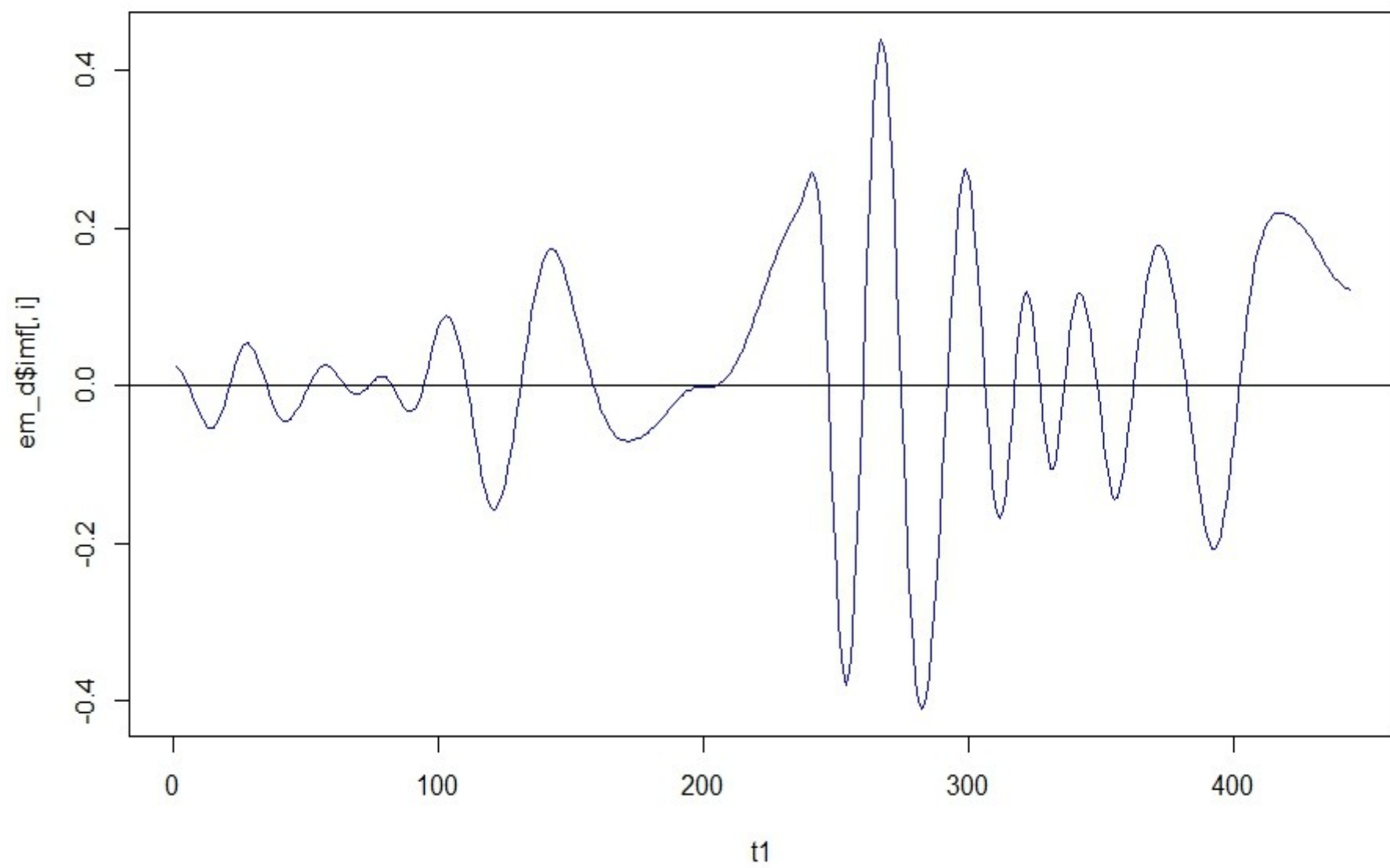
IMF3



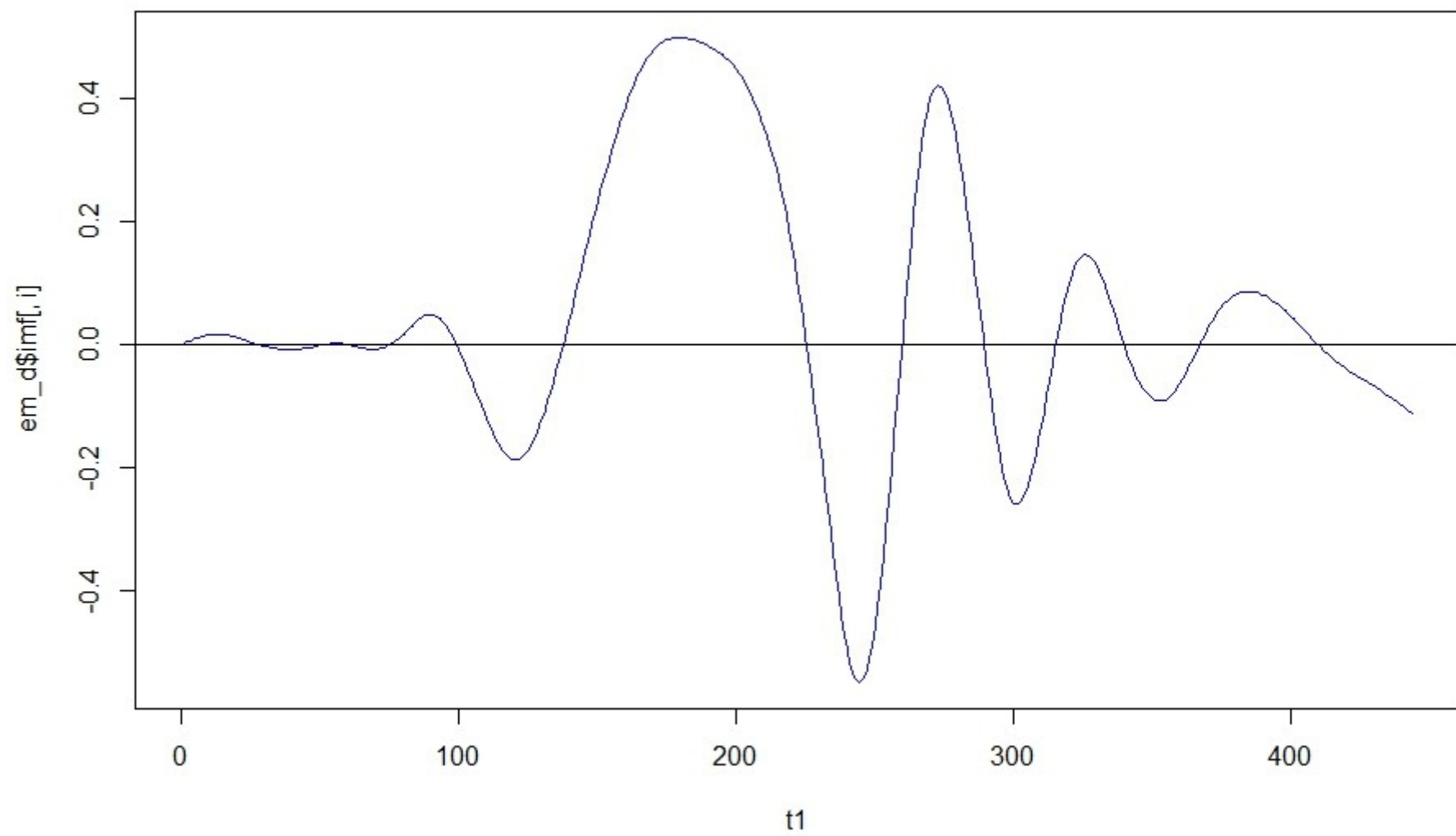
IMF4



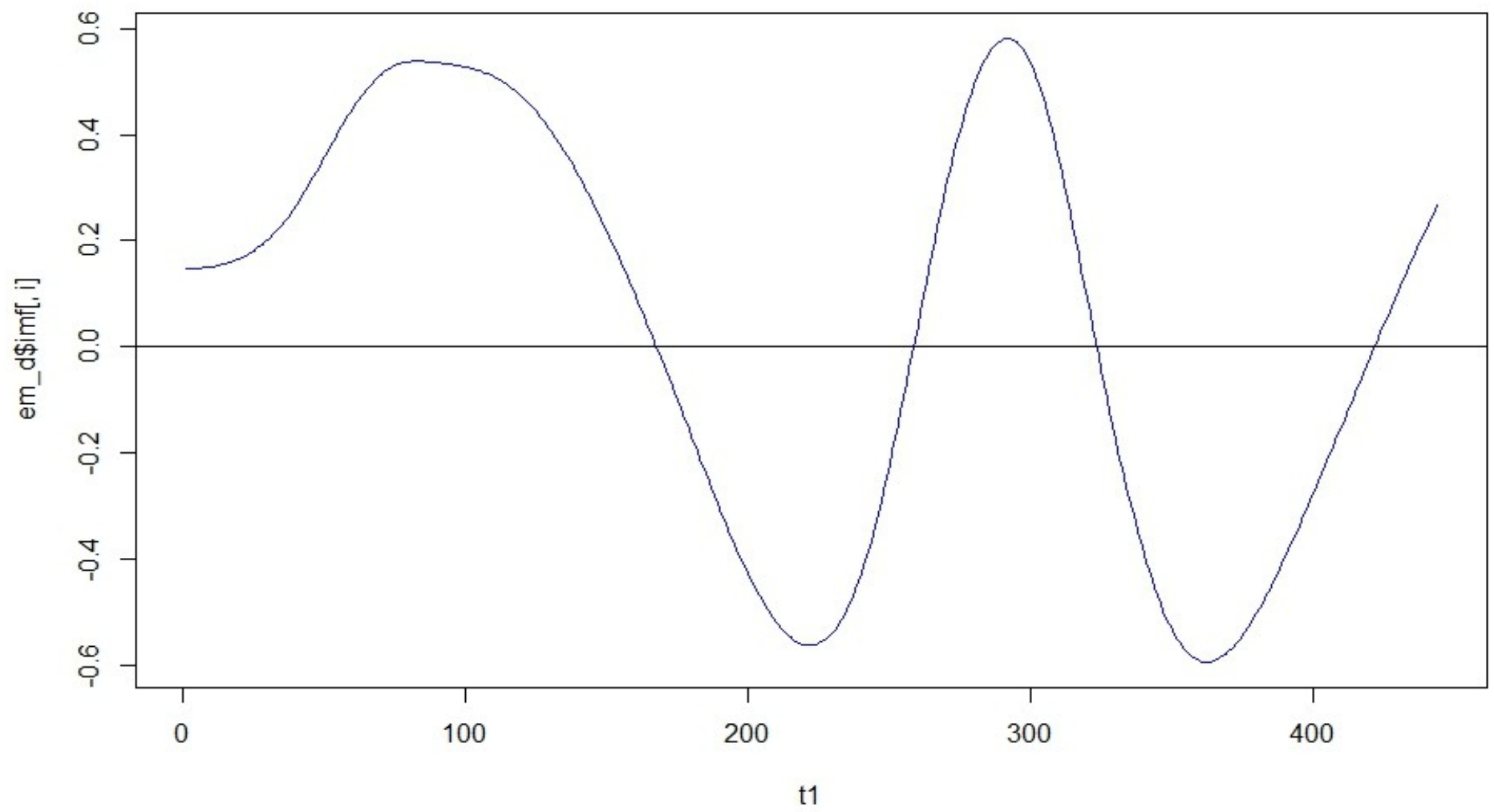
IMF5



IMF6

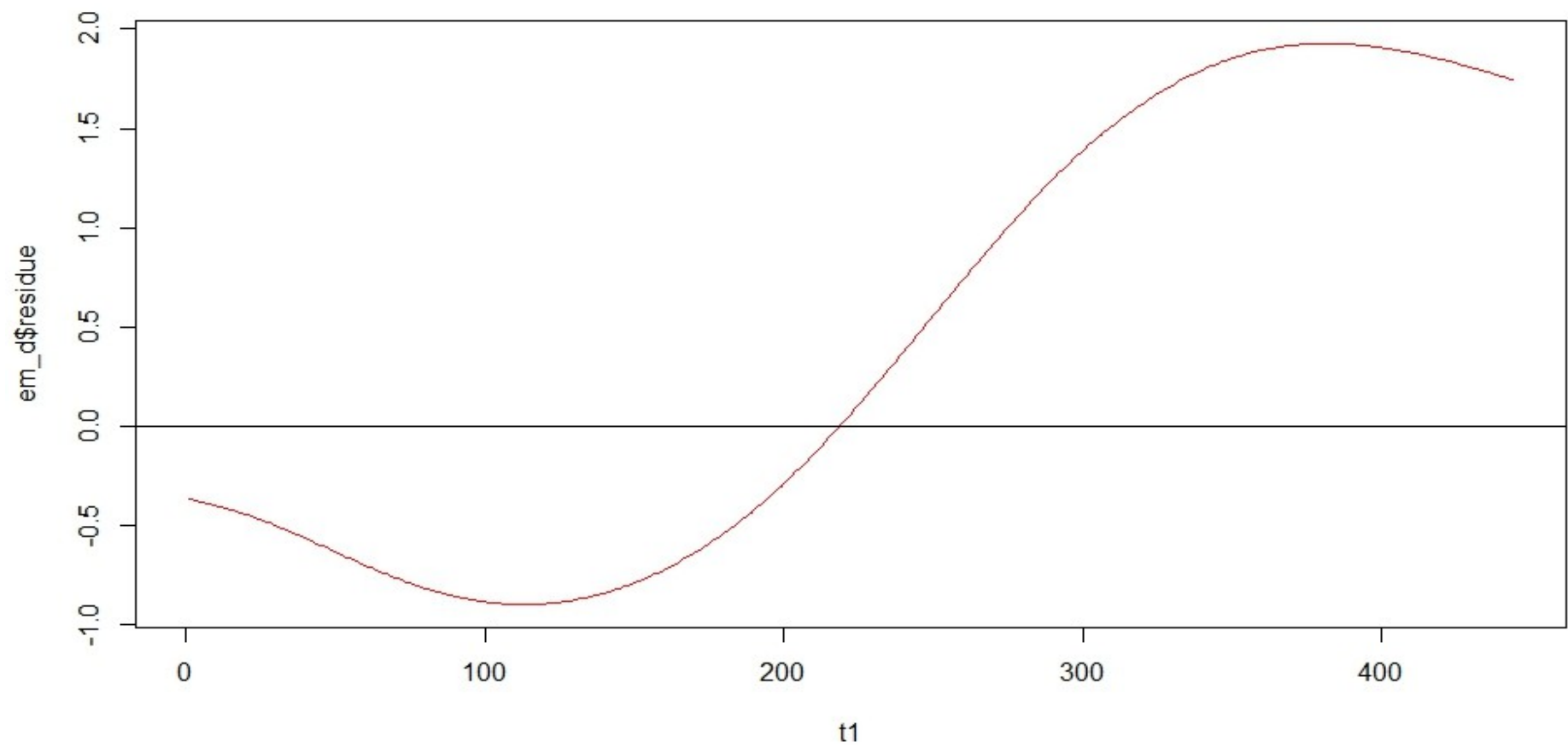


IMF7



residue

Residue



summary

Total # of data points = 65,528

of local minima identified = 259

of local maxima identified = 185

Total # of min and max = 444=(259+185)

Emd applied to 444 points and this resulted in a total of 7 IMFs