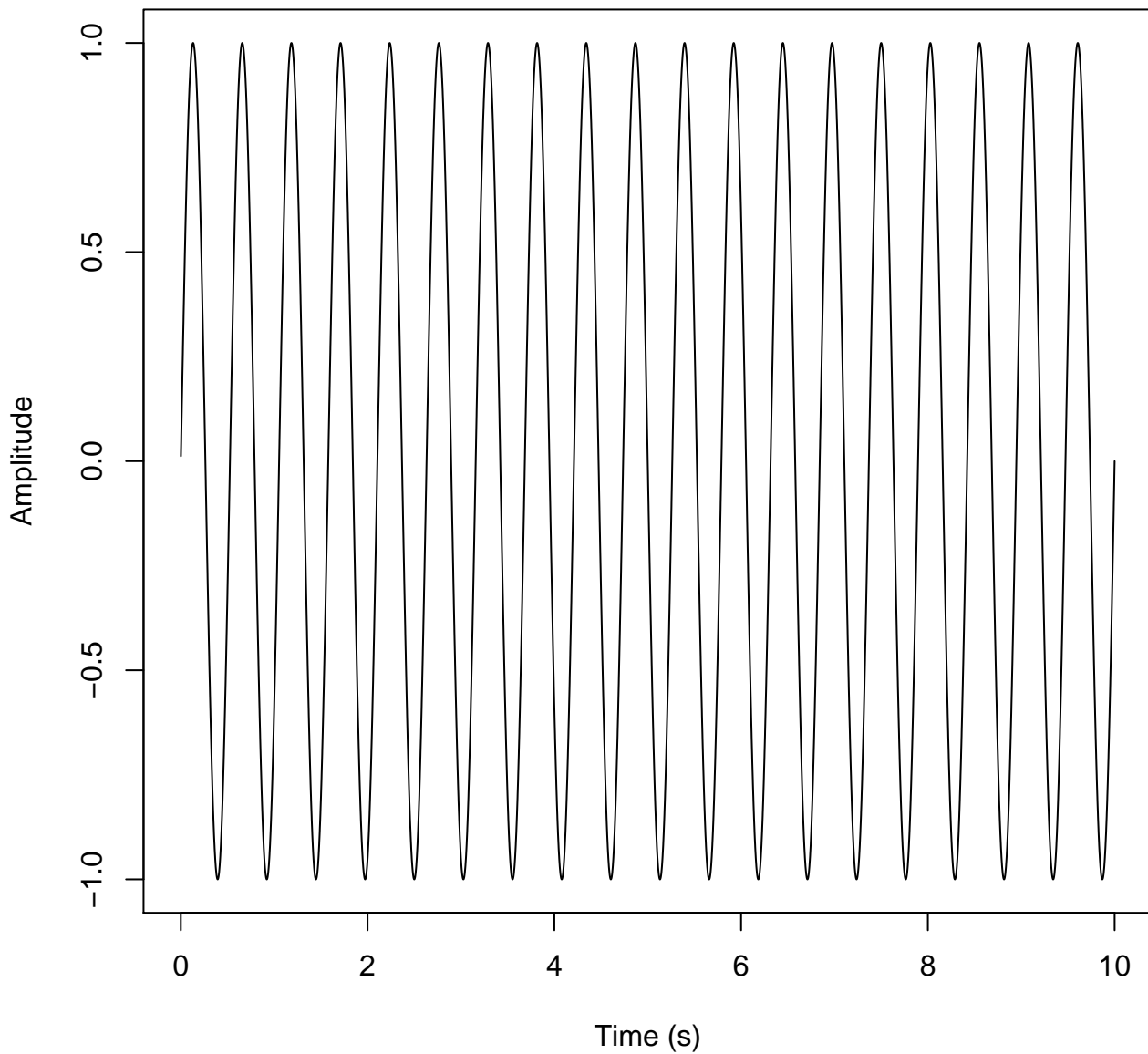
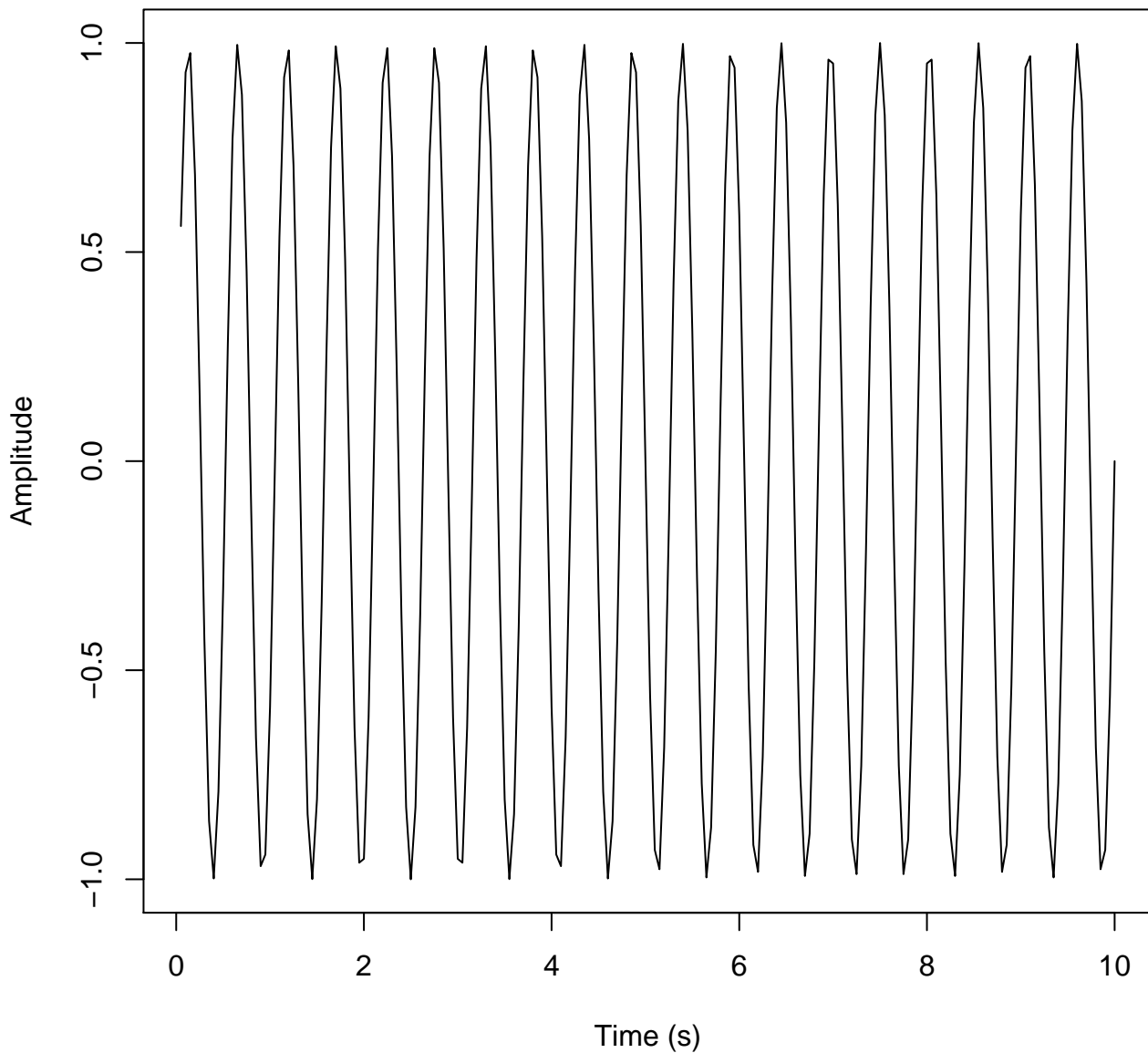


Jake Graham
DSP Lab 2

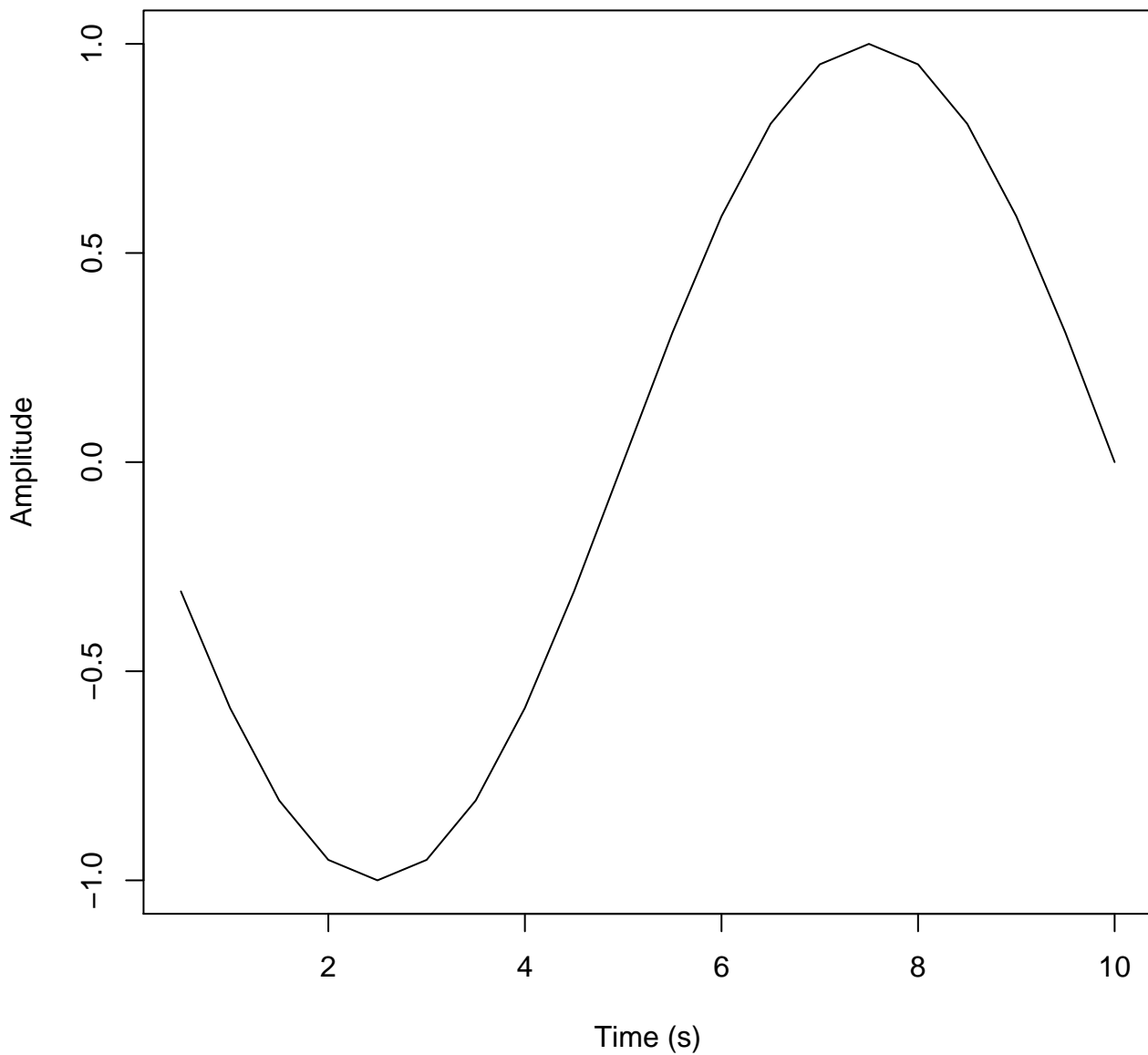
Nyquist Frequency = 500 Hz



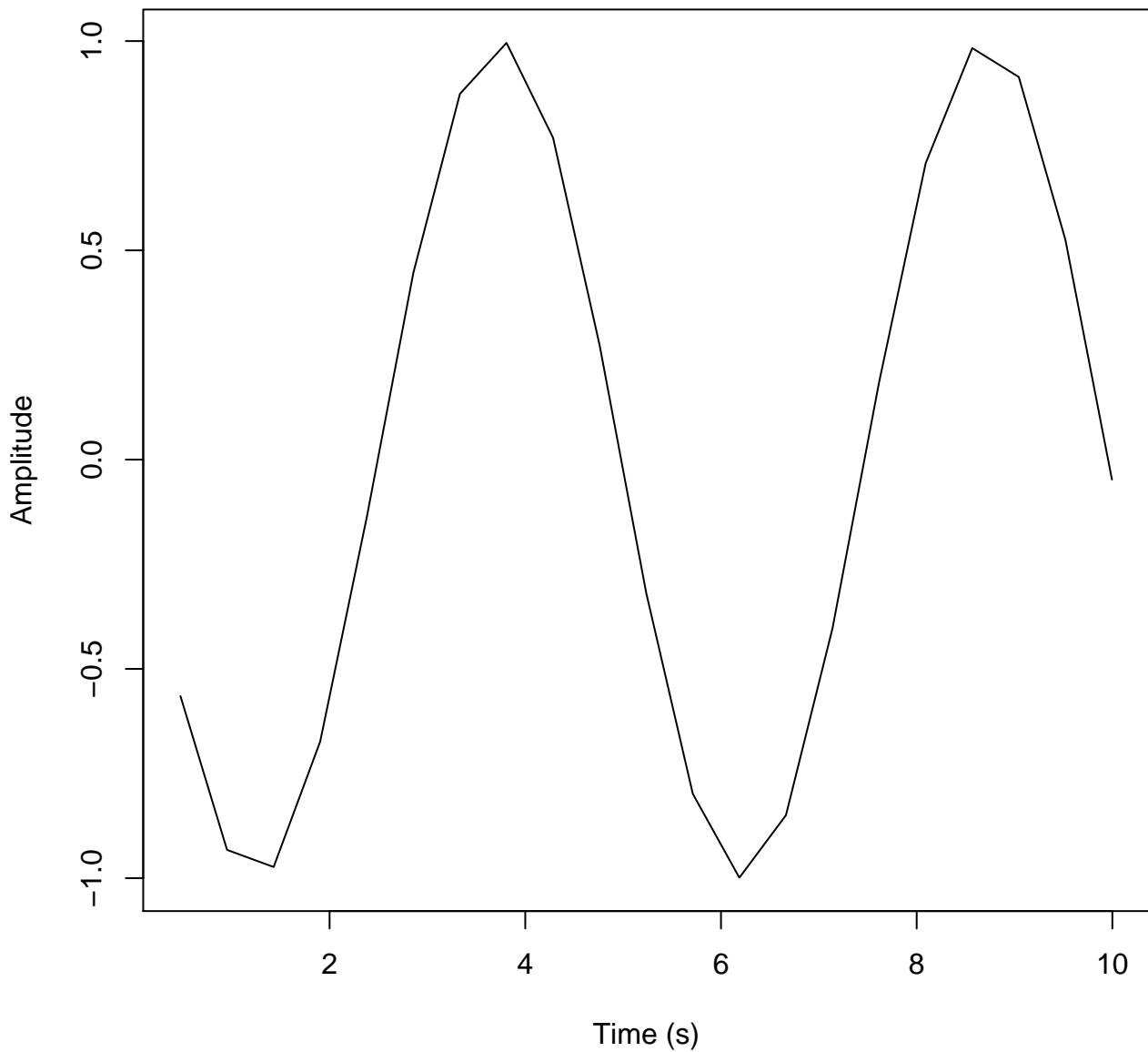
Nyquist Frequency = 10 Hz



Nyquist Frequency = 1 Hz

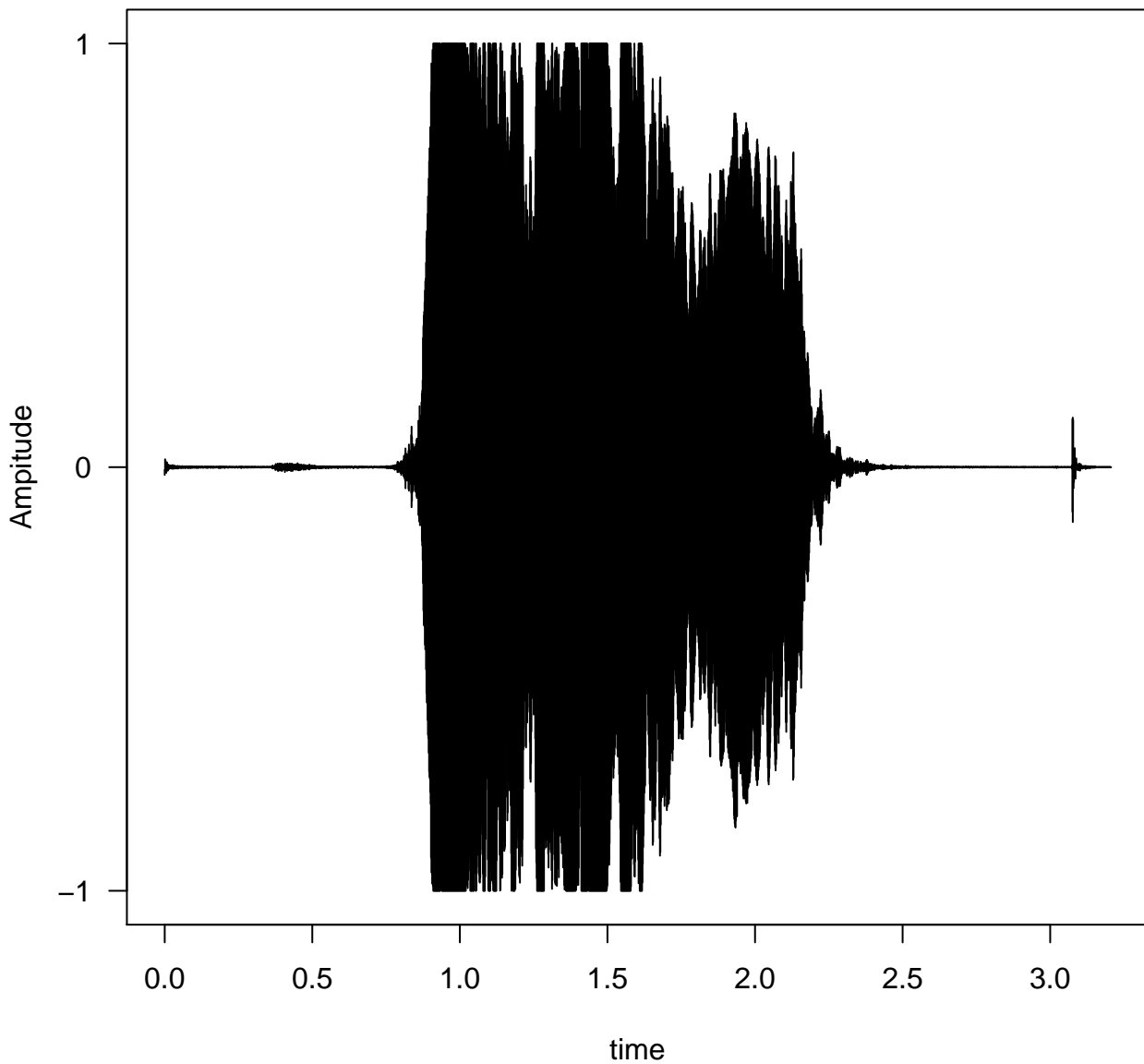


Nyquist Frequency = 1.0504 Hz

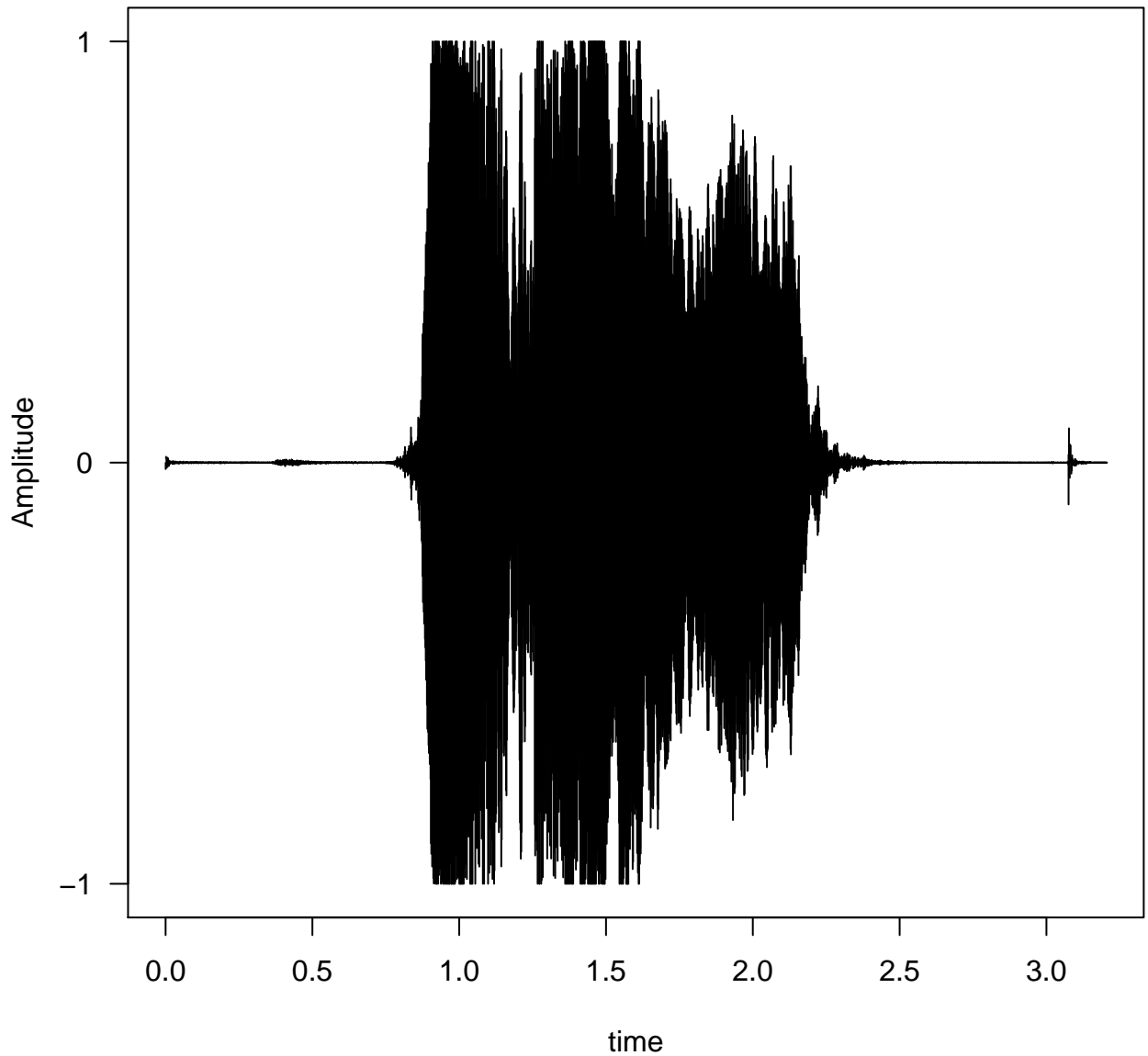


$$\text{Alias Frequency} = |\text{FreqSig} - \text{floor} (\text{ FreqNyq}^2) / \text{FreqSig}) * \text{FreqSig}|$$

Nyquist Frequency = 44100 Hz



Nyquist Frequency = 3675 Hz



Nyquist Frequency = 3675 Hz

