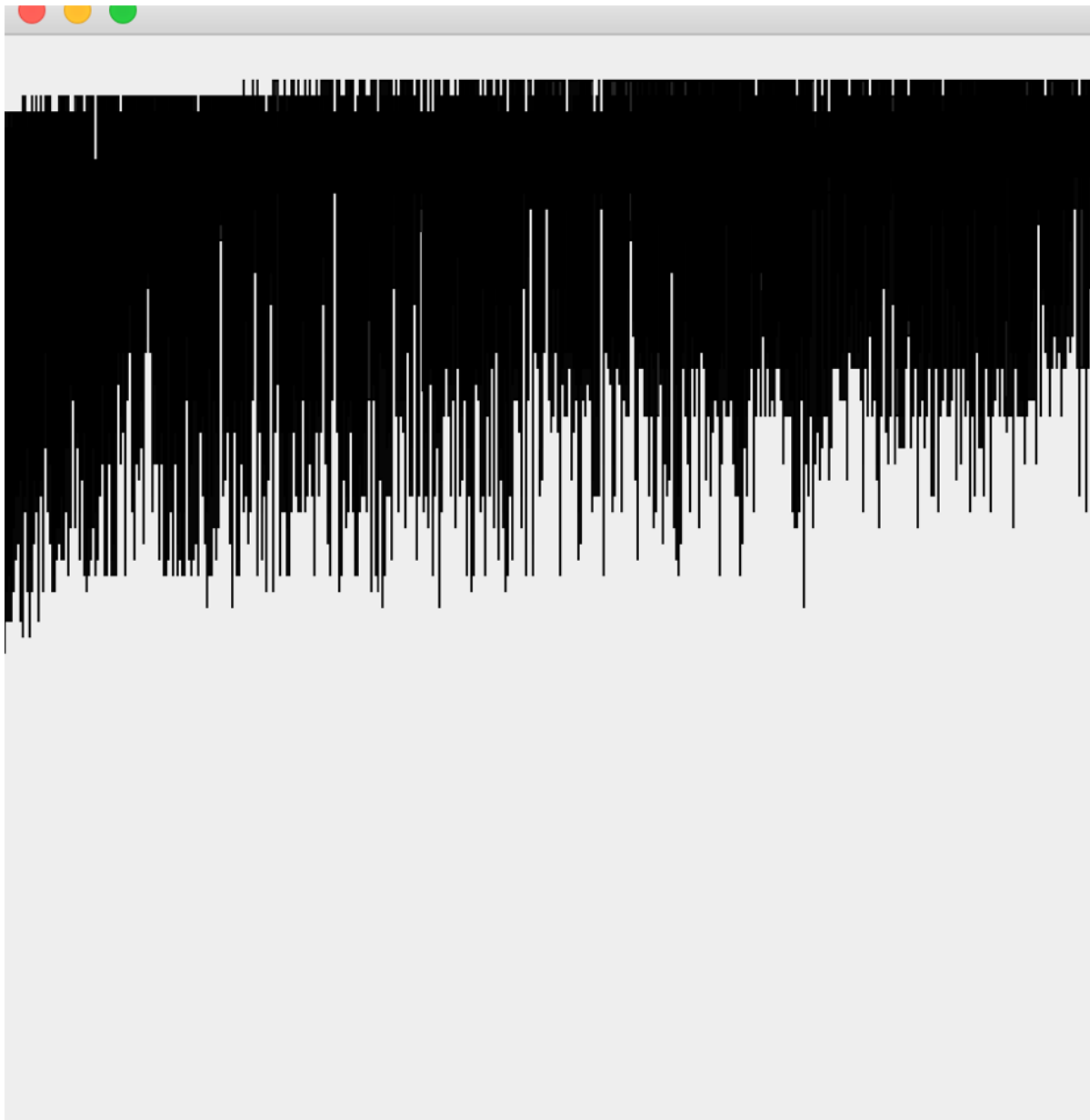
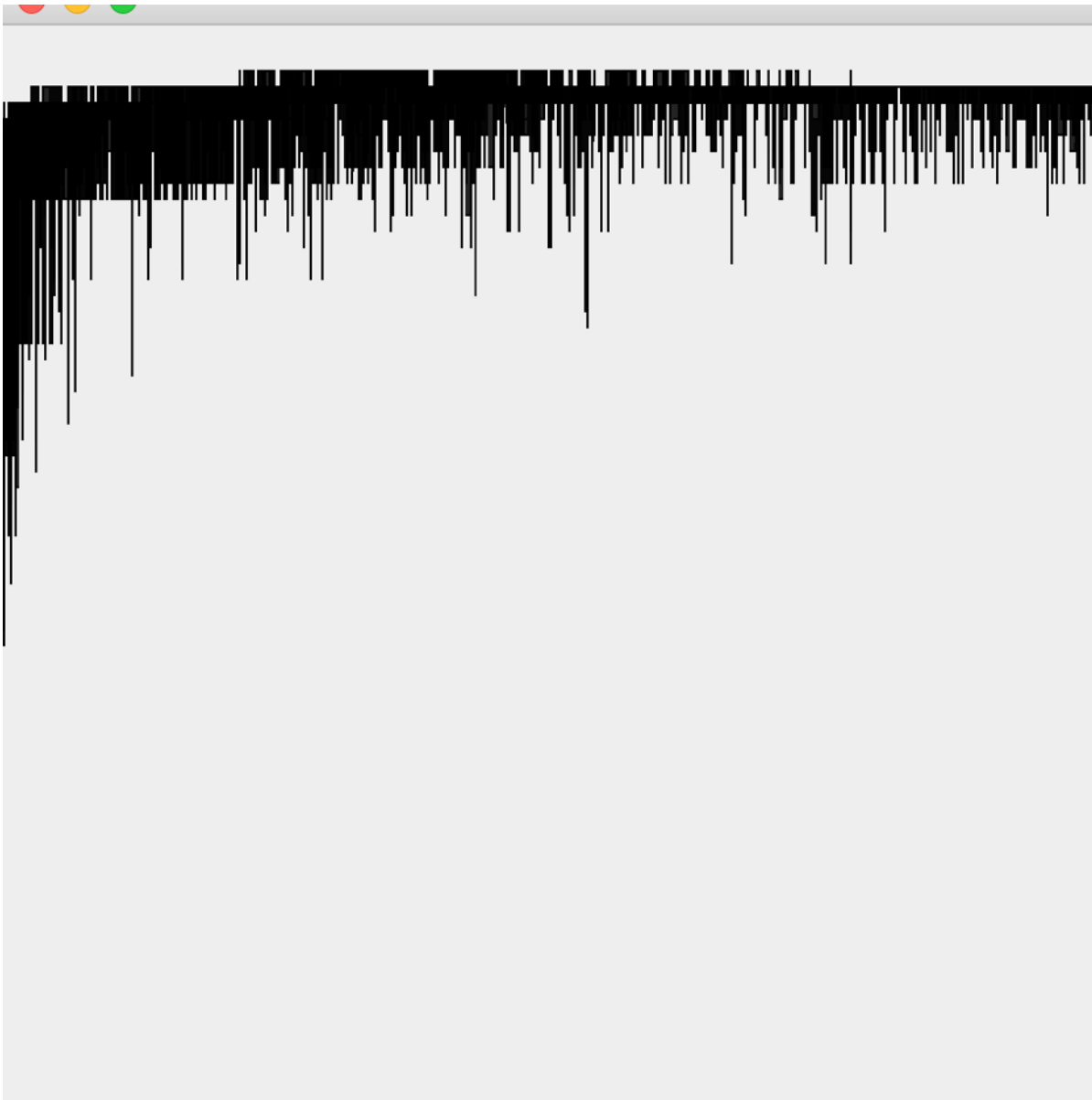


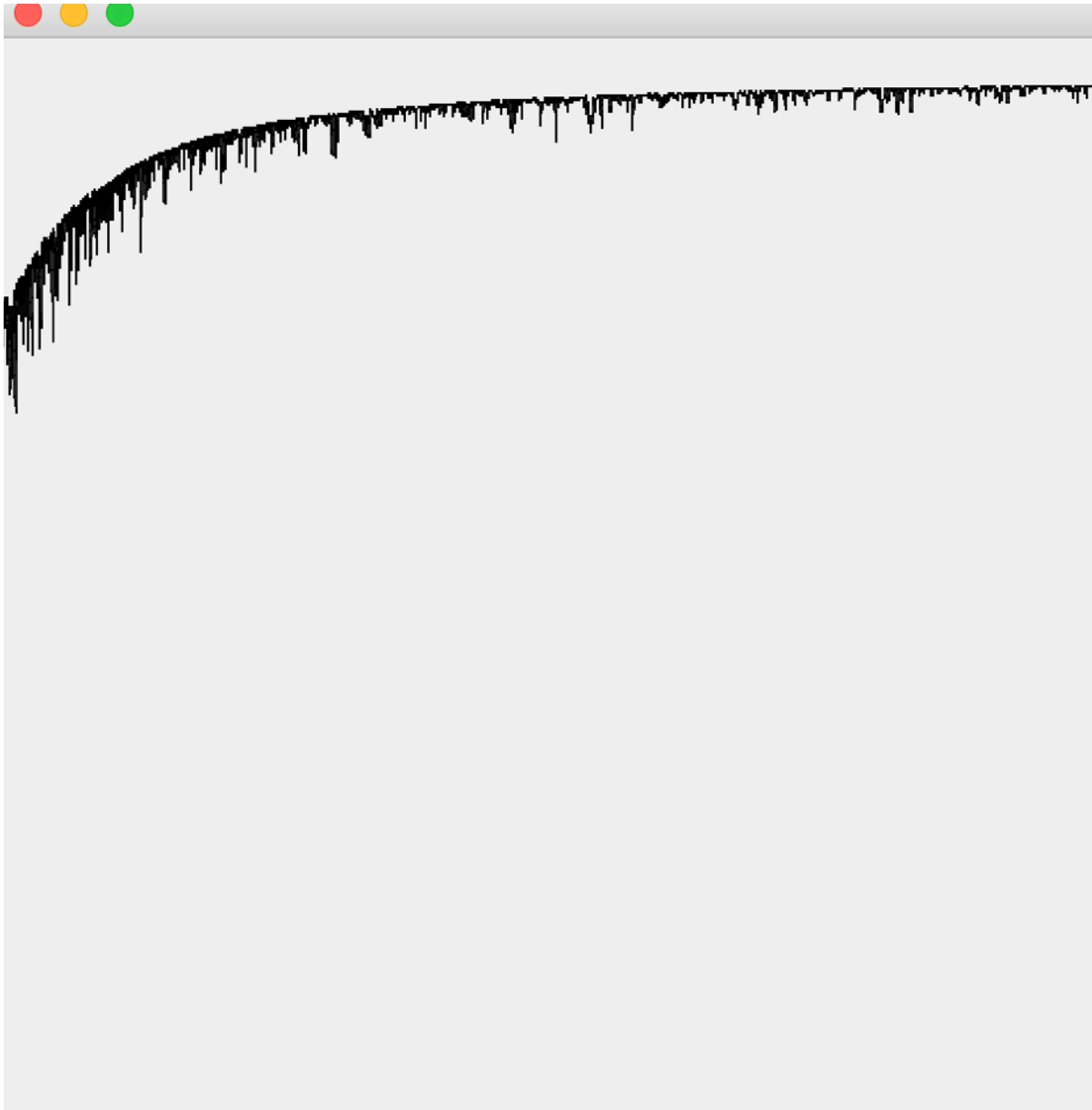
18.16(a)
In order to get this graph, run method `Perceptronearth1()`



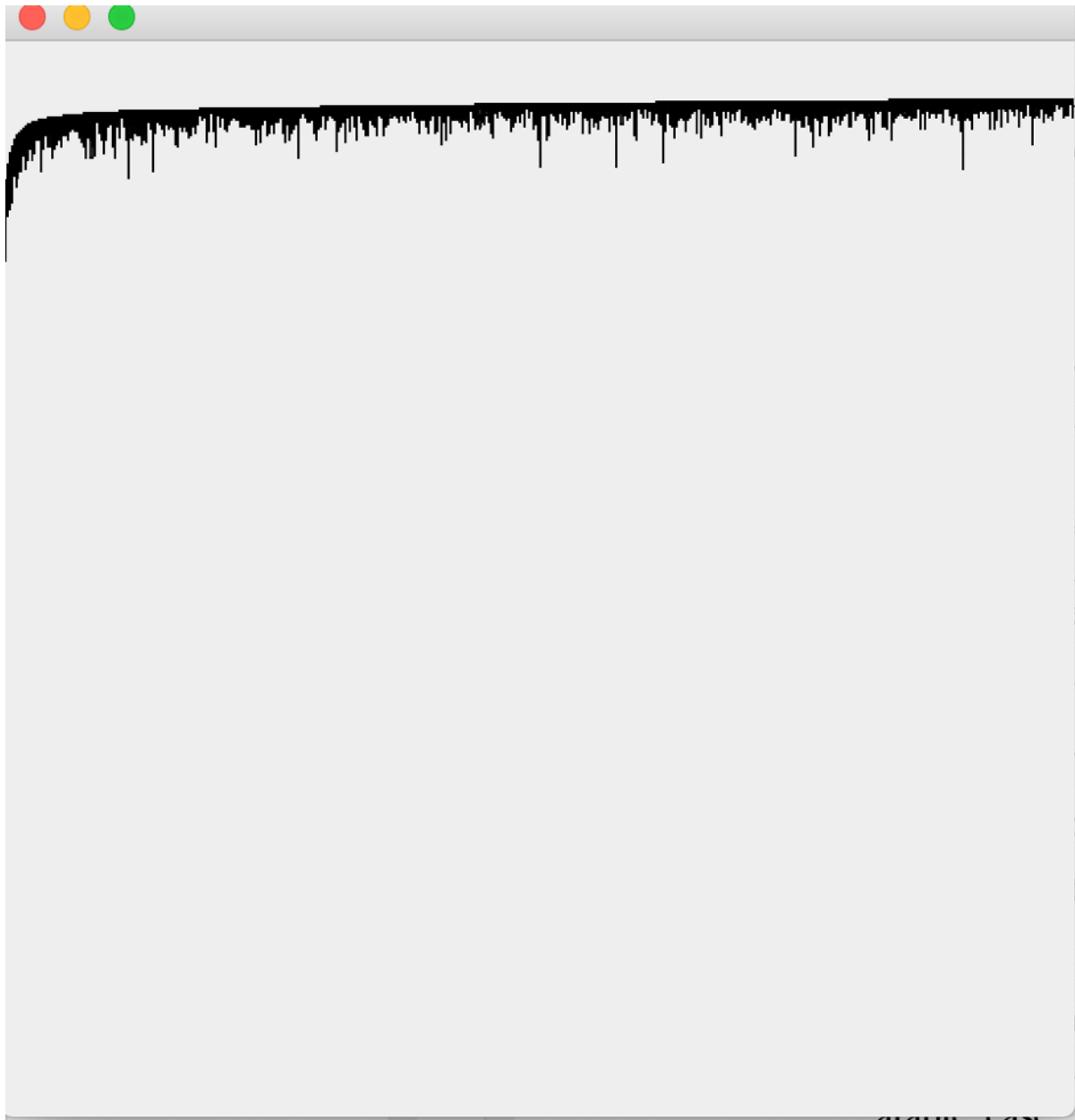
18.16(b)
In order to get this graph, run method `Perceptronearth2()`



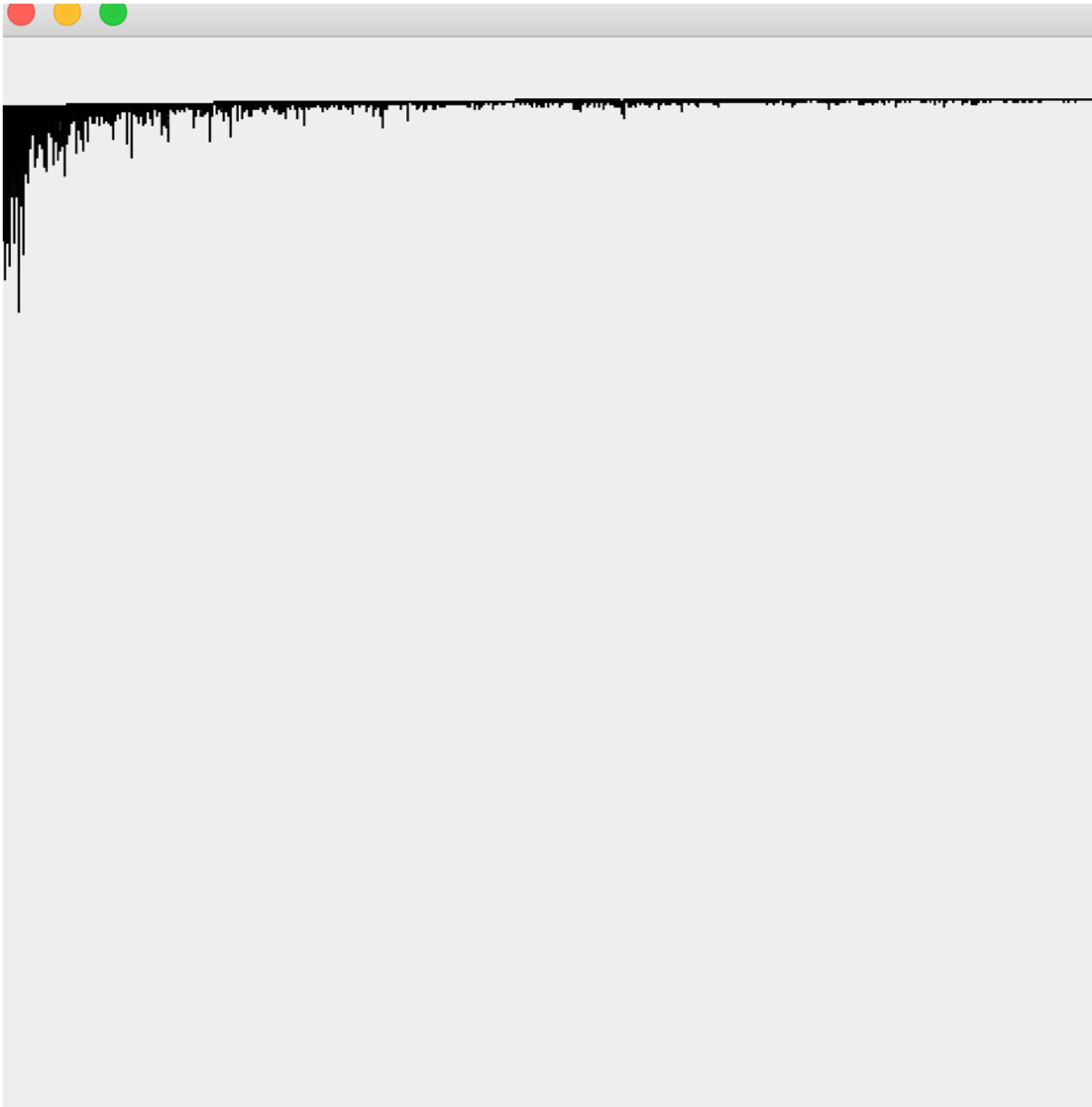
18.16(c)
In order to get this graph, run method `Perceptronearth3()`



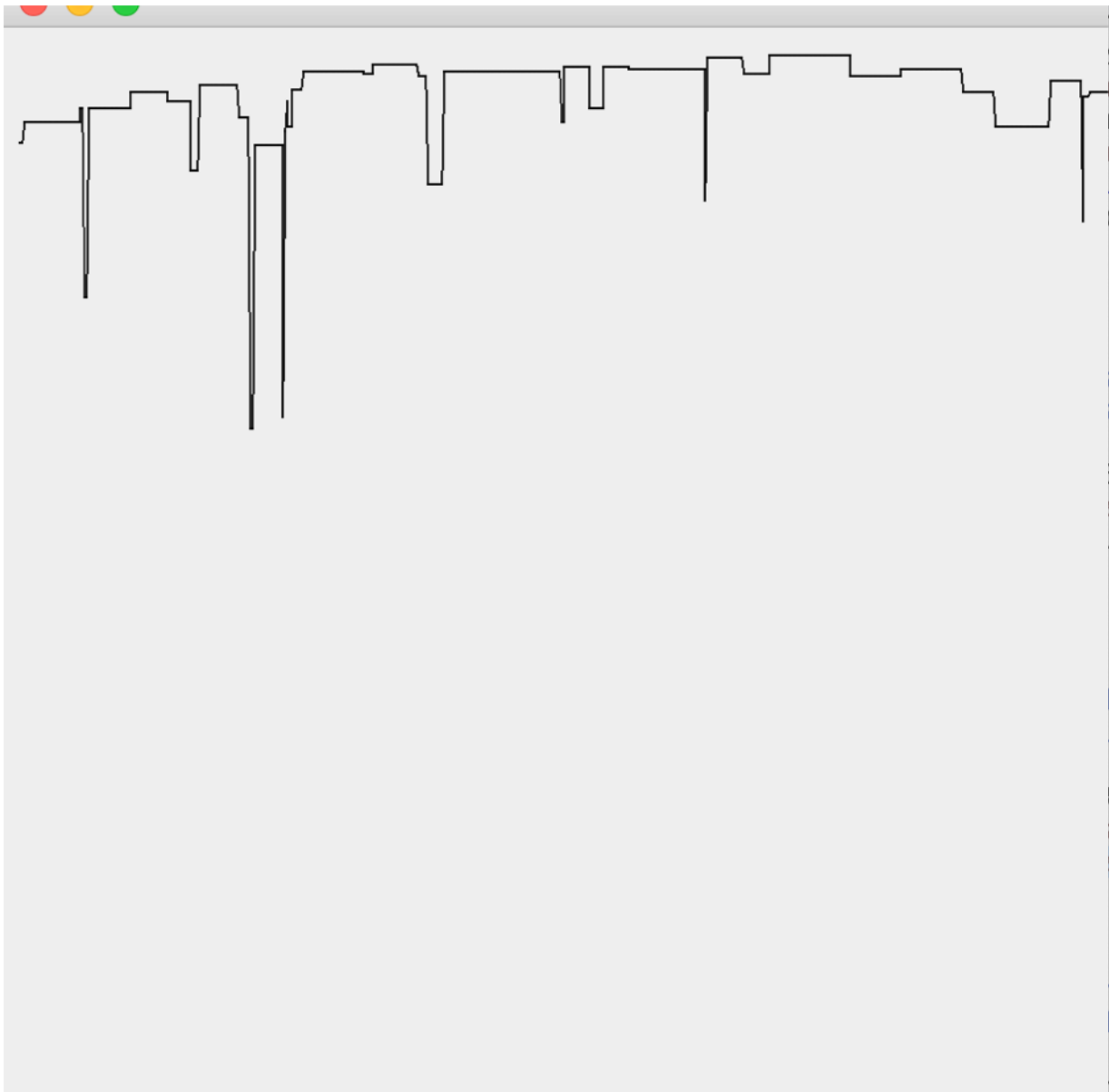
18.18(a)
In order to get this graph, run method `Logisticearth1()`



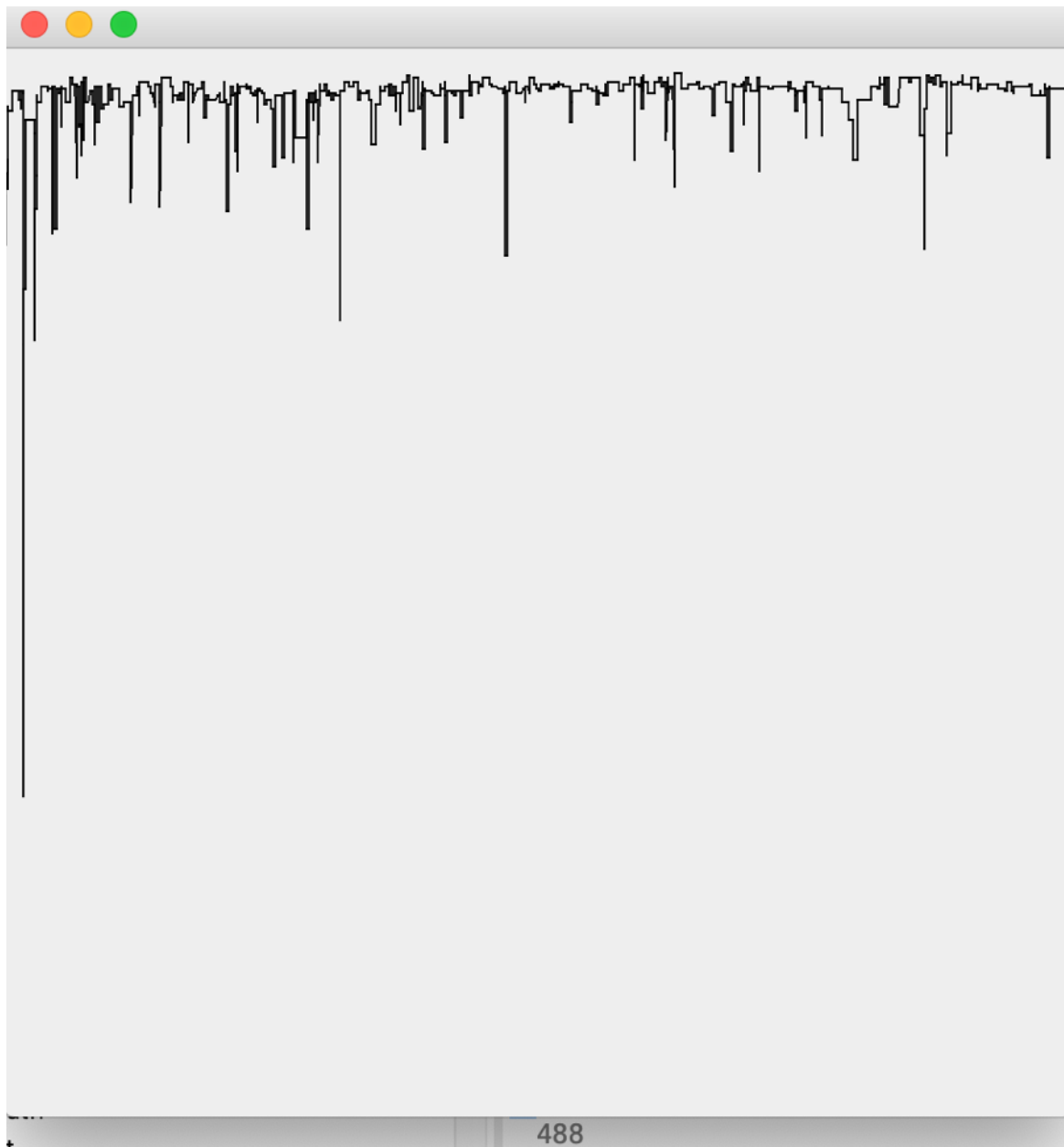
18.18(b)
In order to get this graph, run method `Logisticearth2()`



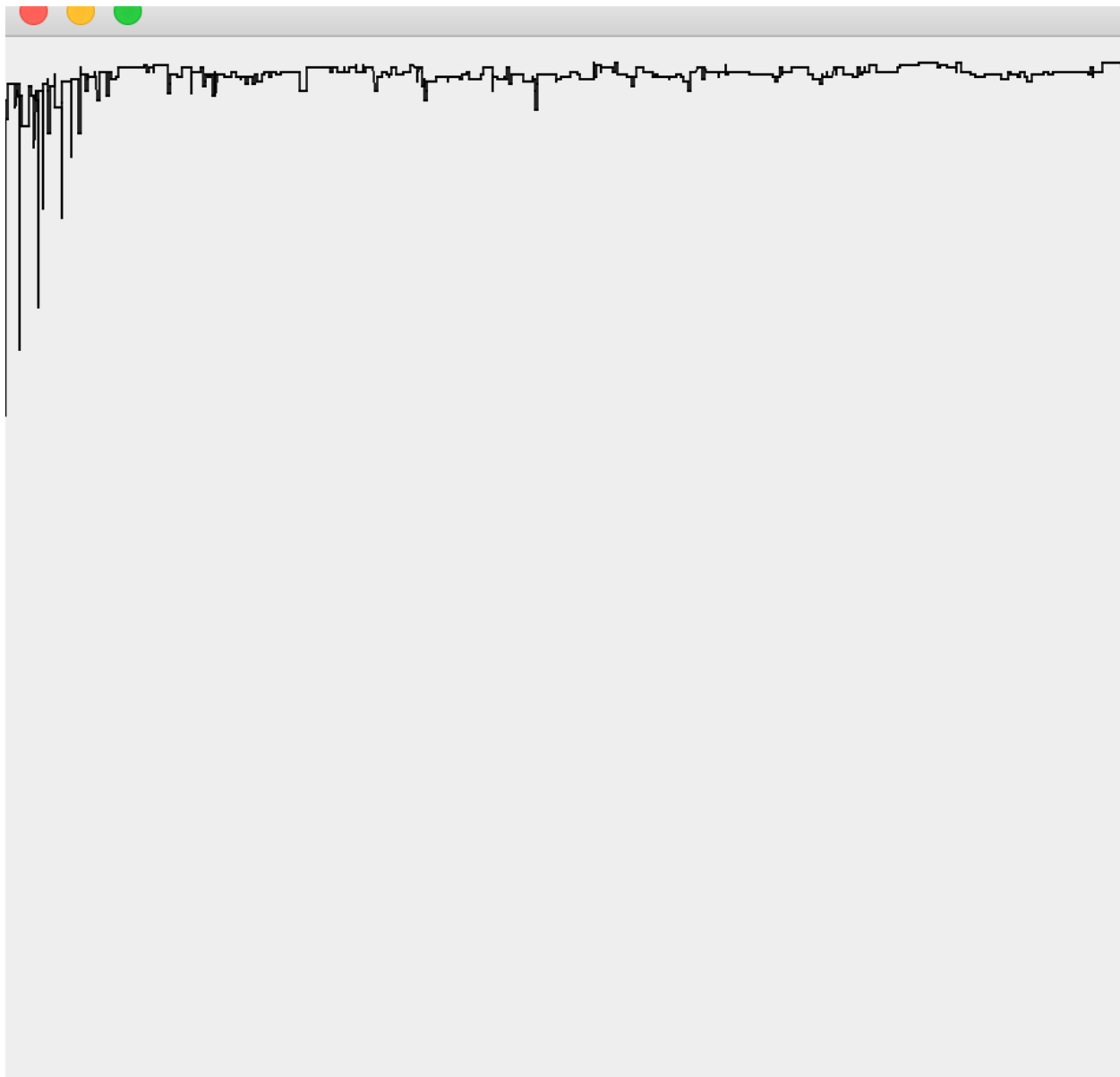
18.18(b)
In order to get this graph, run method `LogisticEarth2()`



num of steps=700 fixed $\alpha=0.05$ Perceptron classifier
In order to get this graph, run method `Perceptronhouse1()`



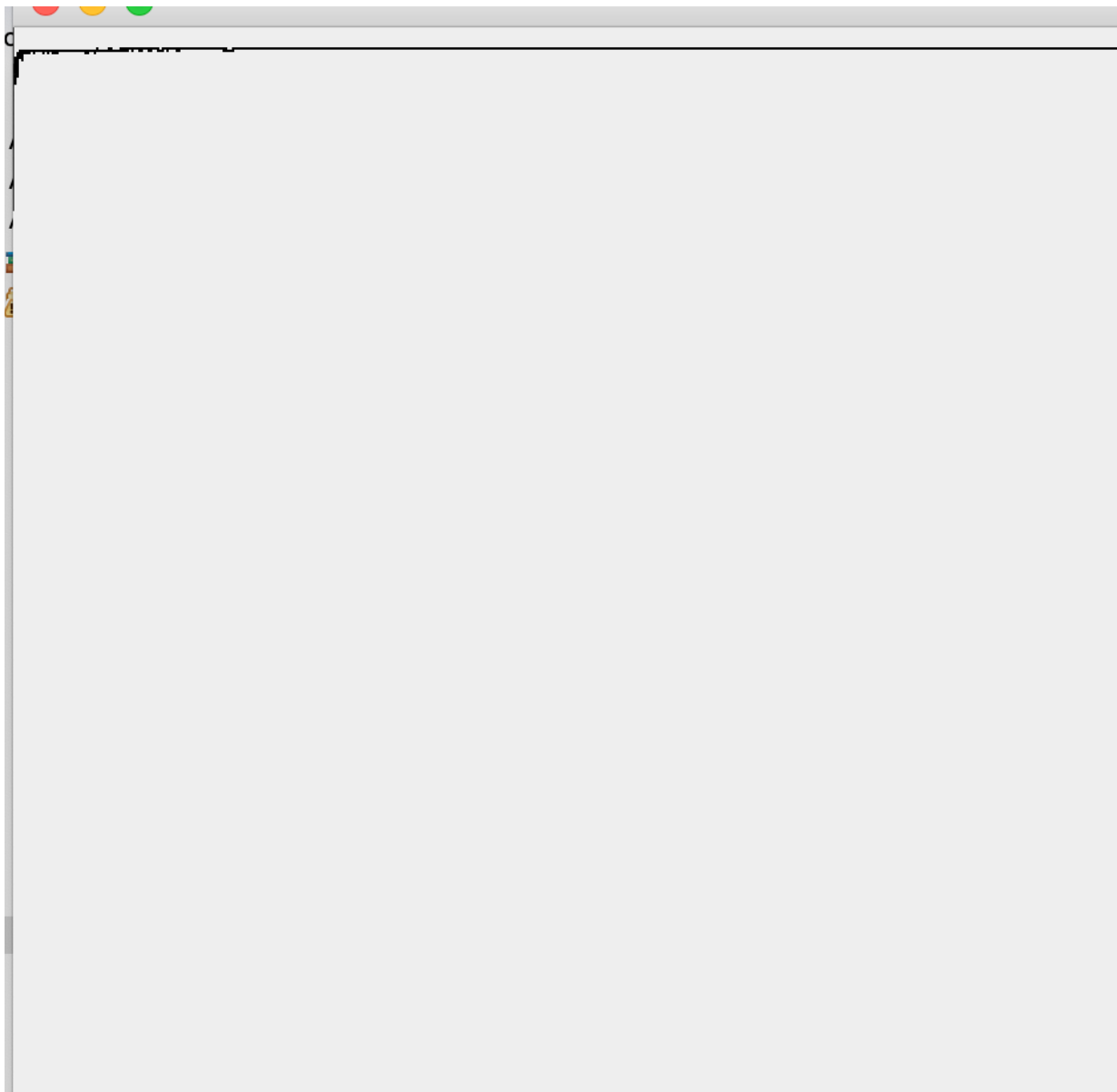
num of steps=10000 fixed $\alpha=0.05$ Perceptron classifier
In order to get this graph, run method `Perceptronhouse2()`



num of steps=10000 DecayingLearningrate Perceptron classifier
In order to get this graph, run method Perceptronhouse3()



num of steps=5000 fixed $\alpha=0.05$ Logistic classifier
In order to get this graph, run method `Logistichouse1()`



num of steps=100000 DecayingLearningRate Logistic classifier
In order to get this graph, run method Logistichouse2()