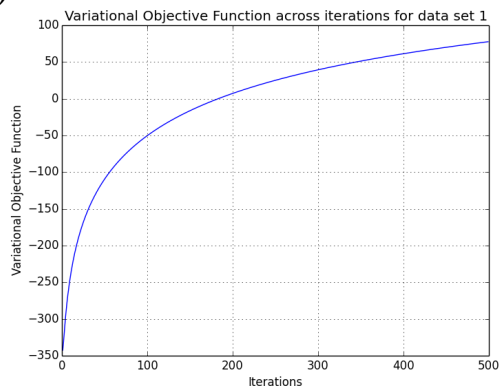


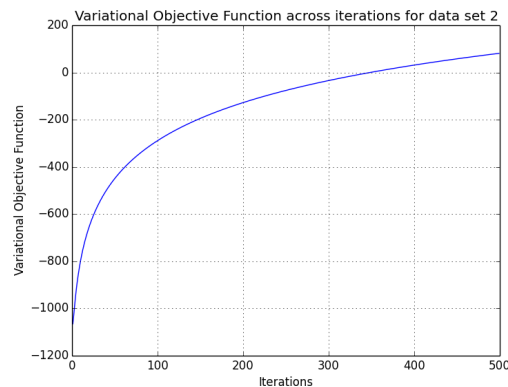
Problem 2

a)

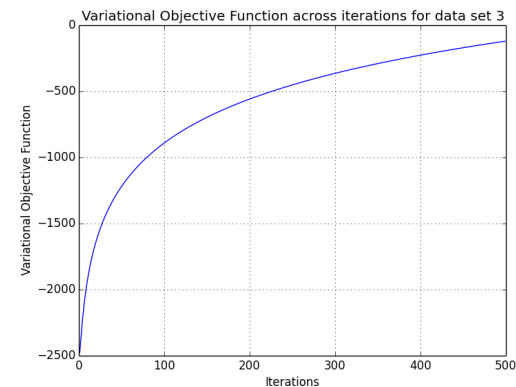
Data Set 1



Data Set 2

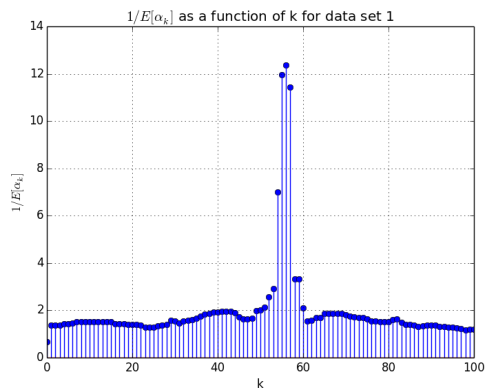


Data Set 3

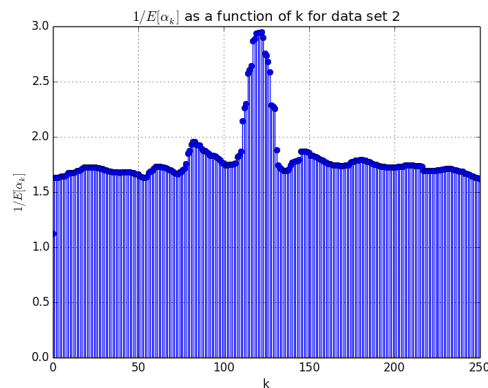


b)

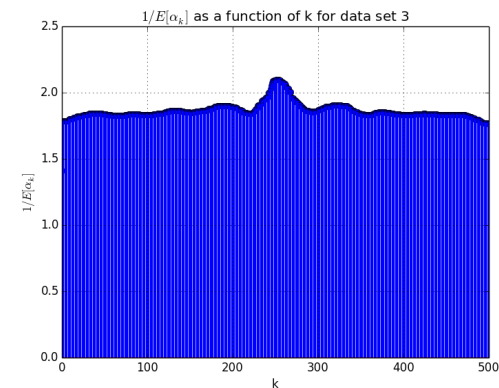
Data Set 1



Data Set 2



Data Set 3



c)

Data Set 1

$$1/\mathbb{E}_q[\lambda] = 3.67329015015$$

Data Set 2

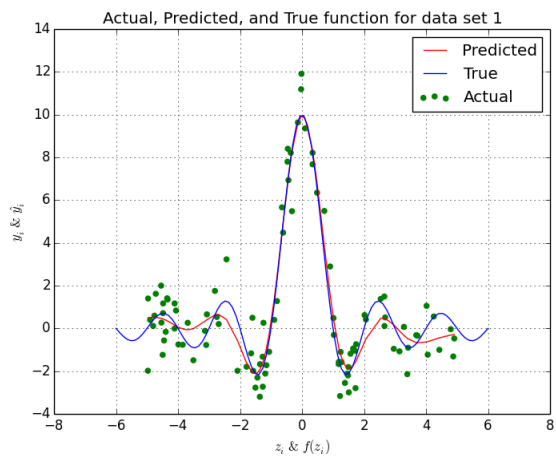
$$1/\mathbb{E}_q[\lambda] = 10.2601623179$$

Data Set 3

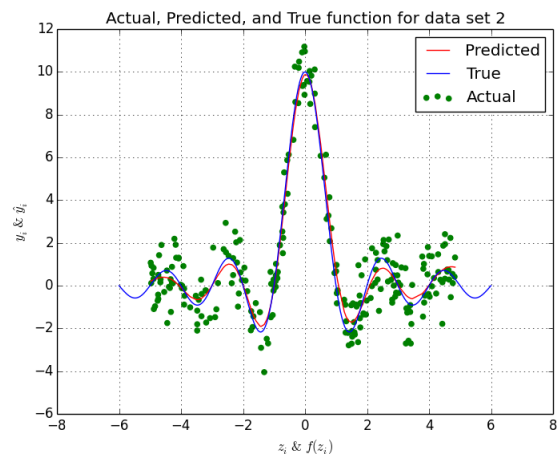
$$1/\mathbb{E}_q[\lambda] = 33.4137810438$$

d)

Data Set 1



Data Set 2



Data Set 3

