Bias/Variance Trade-off

1. When λ is high, the number of parameters or features selected is lower. This would increase the bias and decrease the variance.
2. Increase in the number of hidden units would mean increase in complexity. This would mean a decrease in the Bias and an increase the in Variance.
3. Using a higher upper limit on the number of nodes again would increase the complexity. This would mean a decrease in the Bias and an increase the in Variance.
4. If a larger K is taken the Bias would decrease and Variance would increase.
5. Using fewer states would mean an increase in the Bias and a decrease in the Variance.
6. The first few iterations decrease the bias and with an increase in the number of iterations, the variance decreases as well.