

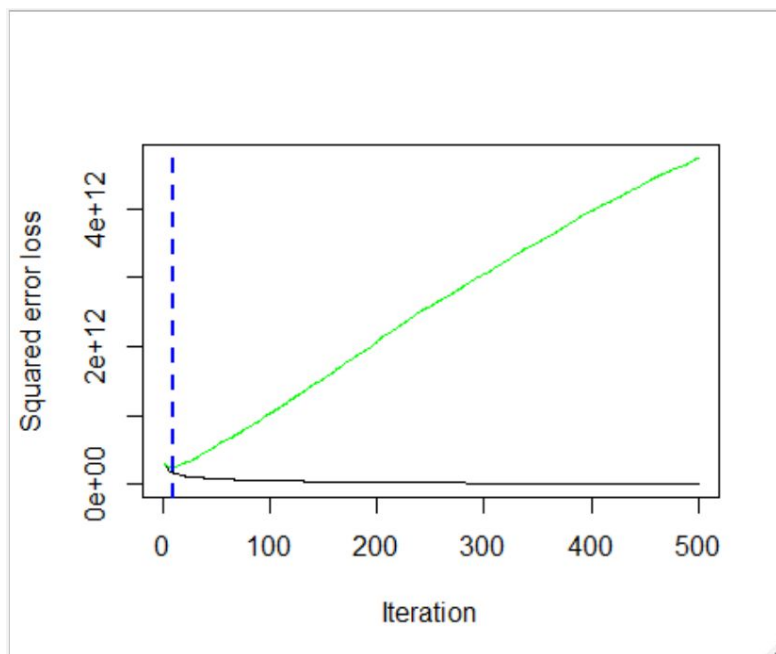
ggplot:

### **Boosting Output:**

[1] "When up to 500 trees are used during boosting, the optimal number is 9, yielding a minimum cross validation error of 246907111140.441. The maximum depth of component trees is 9"

[1] "MAPE for Testing Set Is: 23.74"

[1] "RMSE for Testing Set Is: 301225.34"



### **ANN output:**

[1] "For Hidden Node Structure 0 MAPE IS 22.4063"

[1] "For Hidden Node Structure 2 MAPE IS 18.3596"

[1] "For Hidden Node Structure 2 2 MAPE IS 18.8821"

[1] "For Hidden Node Structure 2 2 2 MAPE IS 18.2703"

[1] "For Hidden Node Structure 2 2 2 2 MAPE IS 42.3335"

[1] "For Hidden Node Structure 2 2 2 2 2 MAPE IS 18.1598"

[1] "For Hidden Node Structure 3 3 MAPE IS 21.3405"

[1] "For Hidden Node Structure 3 3 3 MAPE IS 16.6399"

[1] "For Hidden Node Structure 3 3 3 3 MAPE IS 19.7643"

[1] "For Hidden Node Structure 4 4 MAPE IS 23.3082"  
[1] "For Hidden Node Structure 4 4 4 MAPE IS 16.2722"  
[1] "For Hidden Node Structure 4 4 4 4 MAPE IS 17.2899"  
[1] "For Hidden Node Structure 4 4 4 4 4 MAPE IS 17.6257"

[1] "For Hidden Node Structure 5 5 MAPE IS 21.0155"  
[1] "For Hidden Node Structure 5 5 5 MAPE IS 18.7578"  
[1] "For Hidden Node Structure 5 5 5 5 MAPE IS 14.7973"  
[1] "For Hidden Node Structure 5 5 5 5 5 MAPE IS 15.8453"