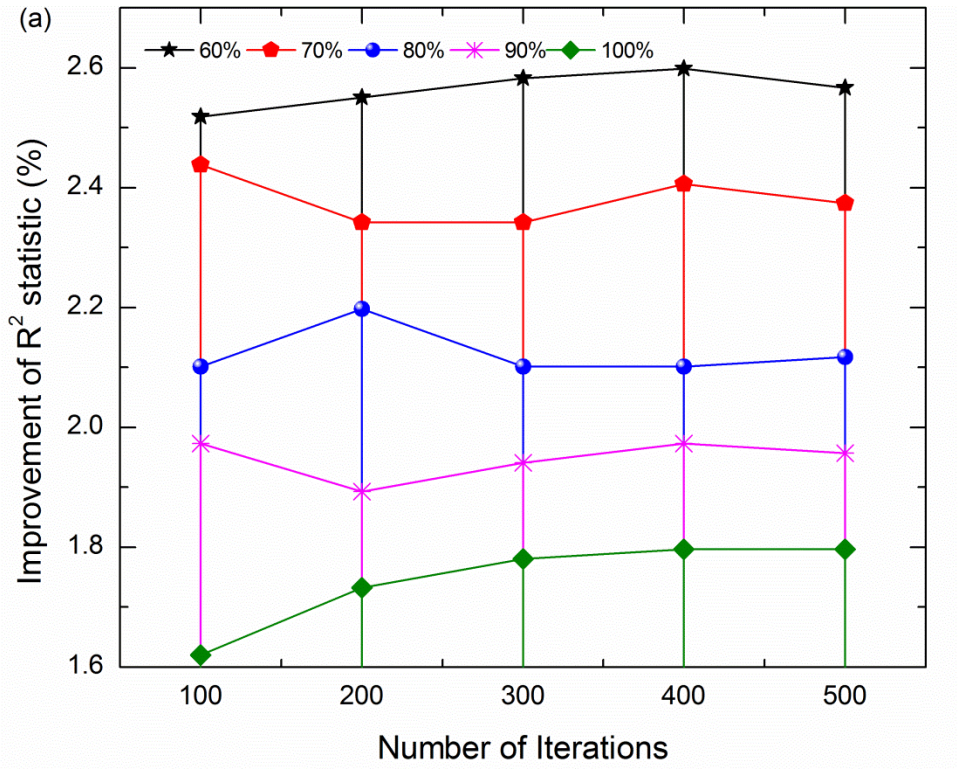
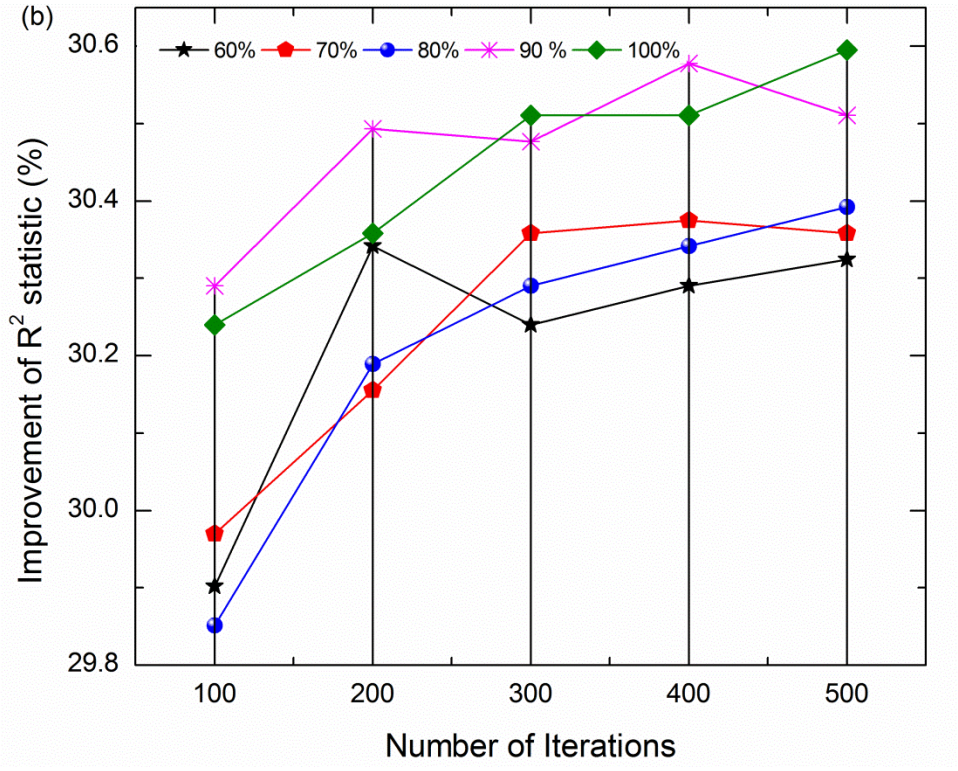
Supplementary Section





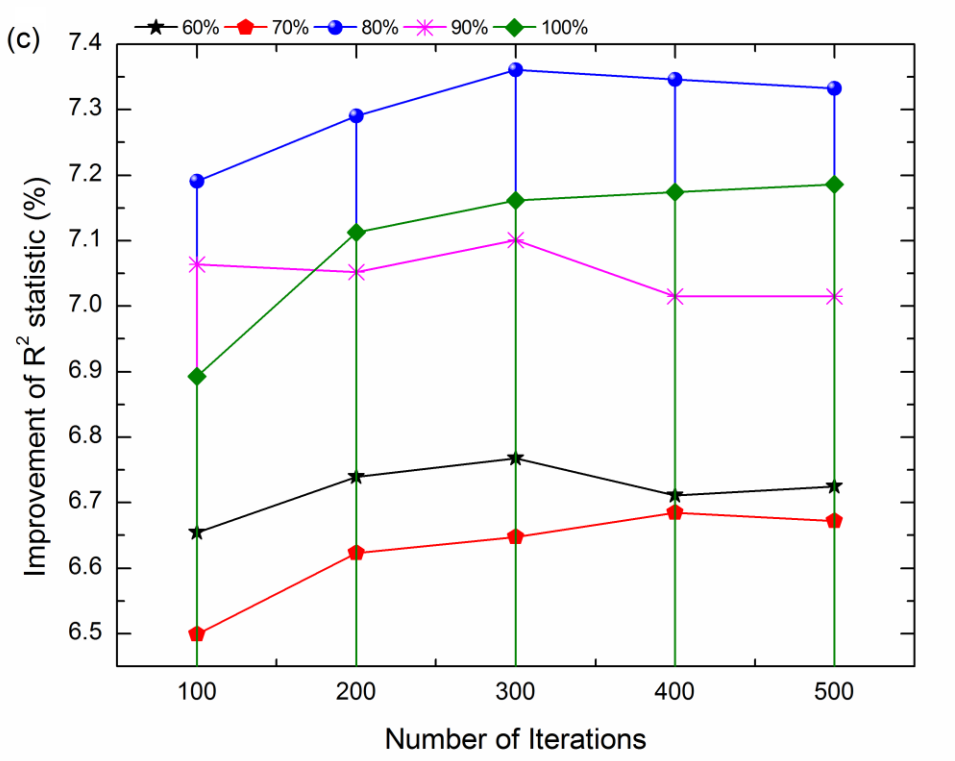
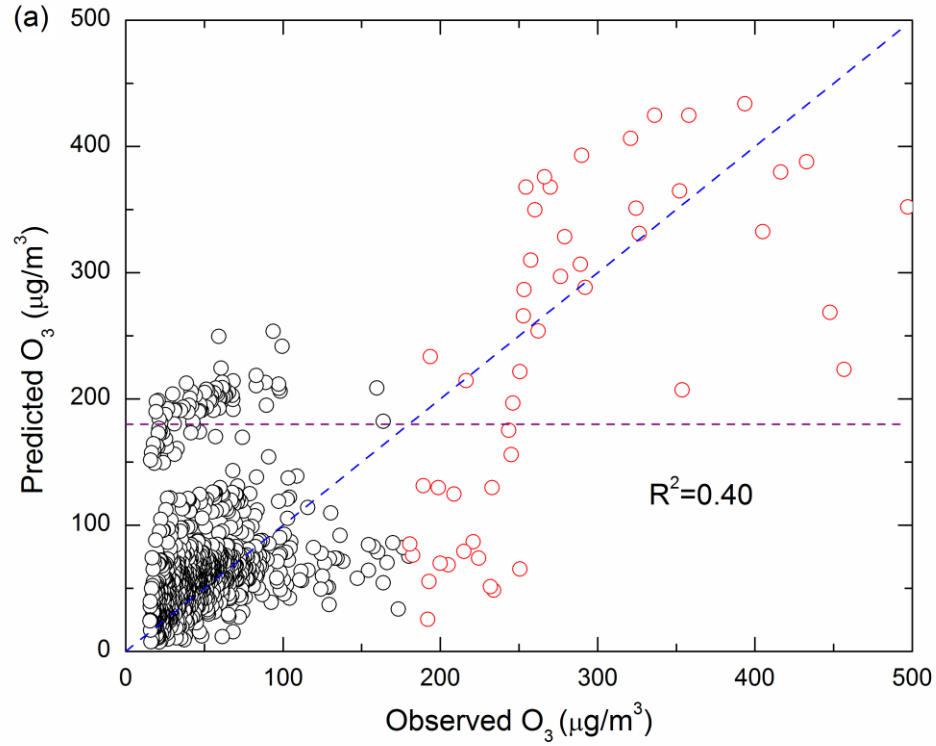
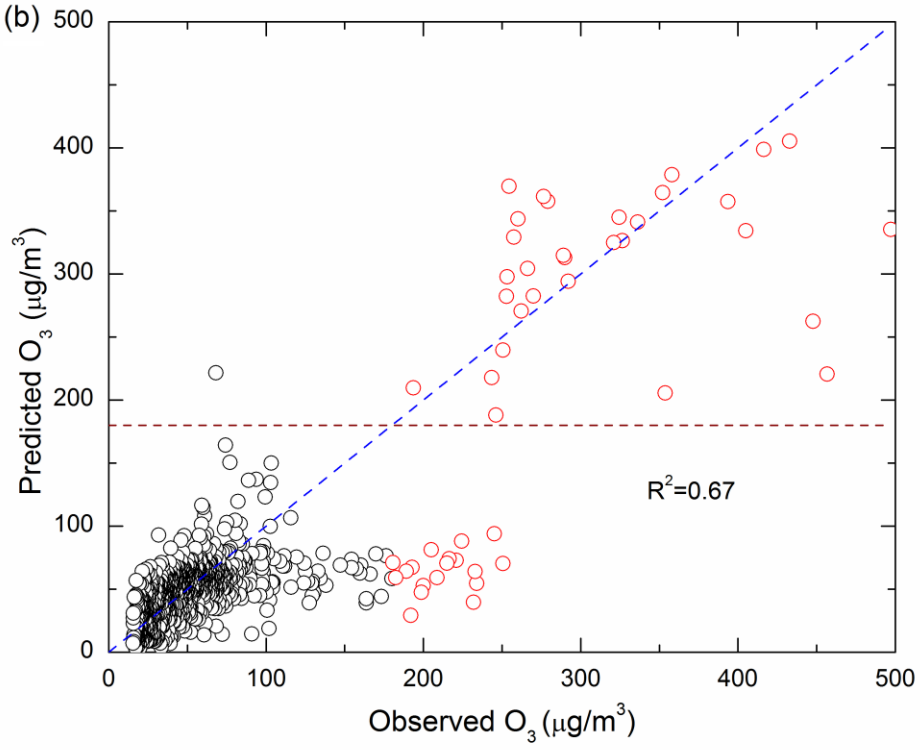
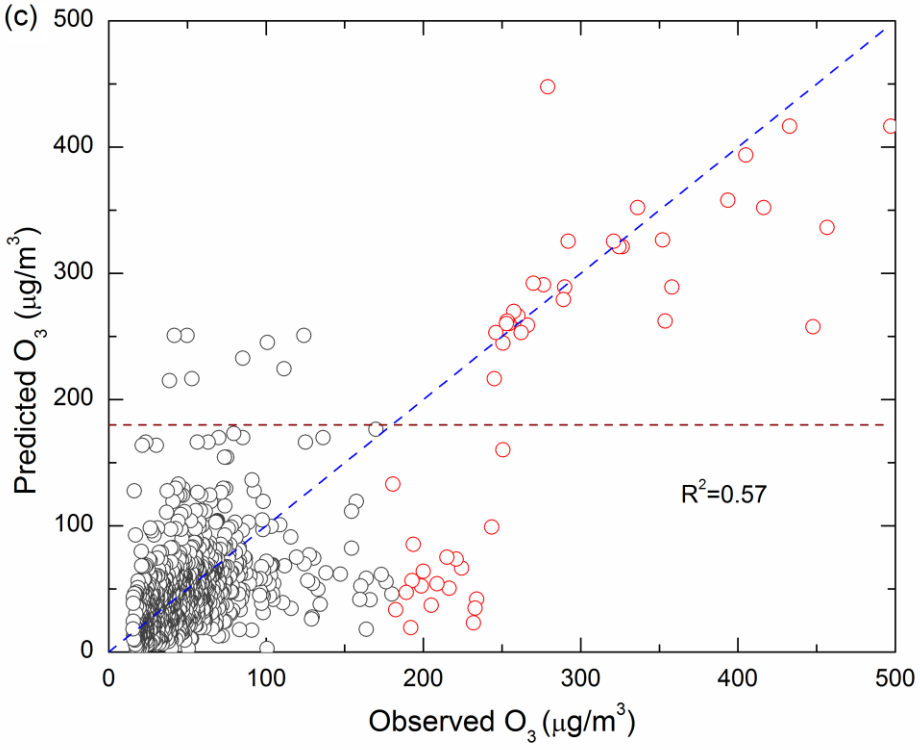
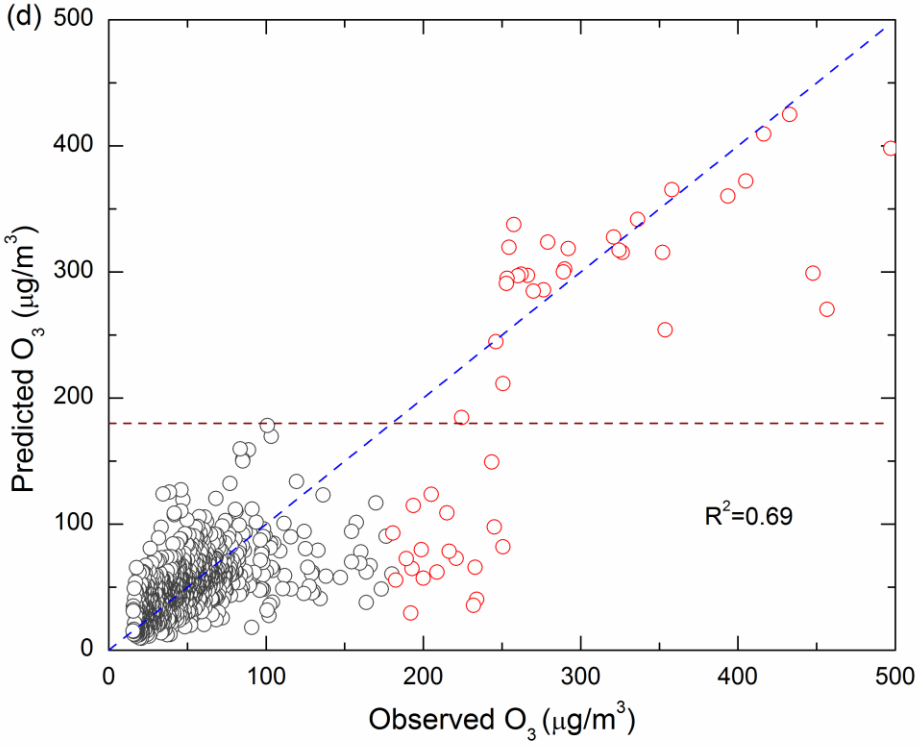


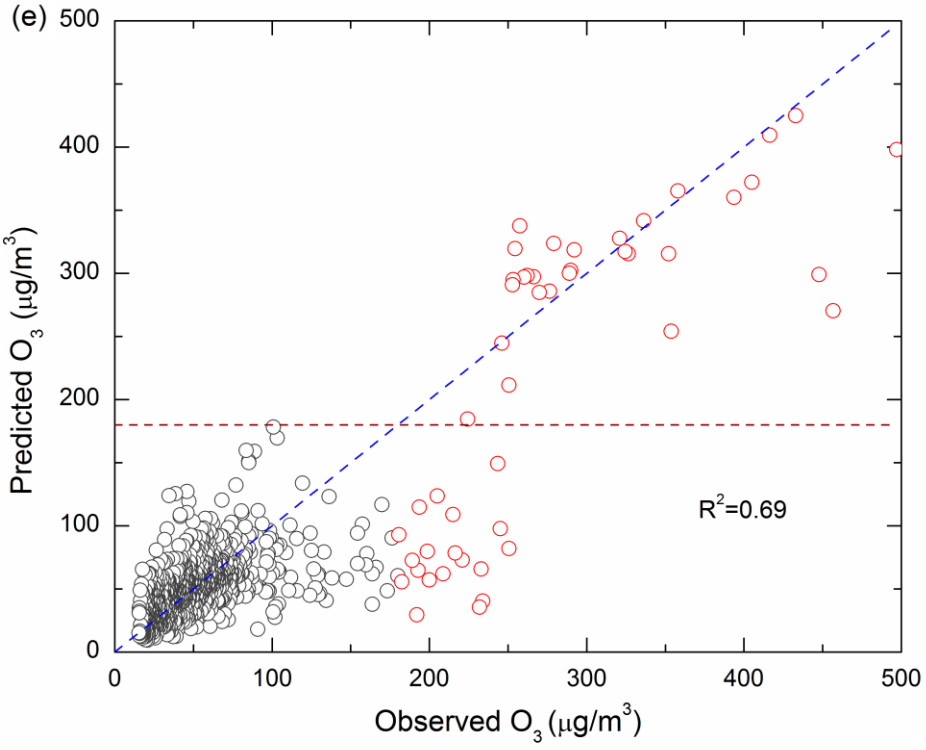
Figure S1. Improvement of R^2 statistic for various iteration and cluster size in case of (a) MLP (b) RTree (c) REPTree




(b)
Predicted O_3 ($\mu g/m^3$)
Observed O_3 ($\mu g/m^3$)
R^2=0.67
0
100
200
300
400
500


(c)
Predicted O_3 ($\mu g/m^3$)
Observed O_3 ($\mu g/m^3$)
R^2=0.57
0
100
200
300
400
500


(d)
Predicted O_3 ($\mu g/m^3$)
Observed O_3 ($\mu g/m^3$)
R^2=0.69
0
100
200
300
400
500


(e)
Predicted O_3 ($\mu g/m^3$)
Observed O_3 ($\mu g/m^3$)
R^2=0.69
0
100
200
300
400
500

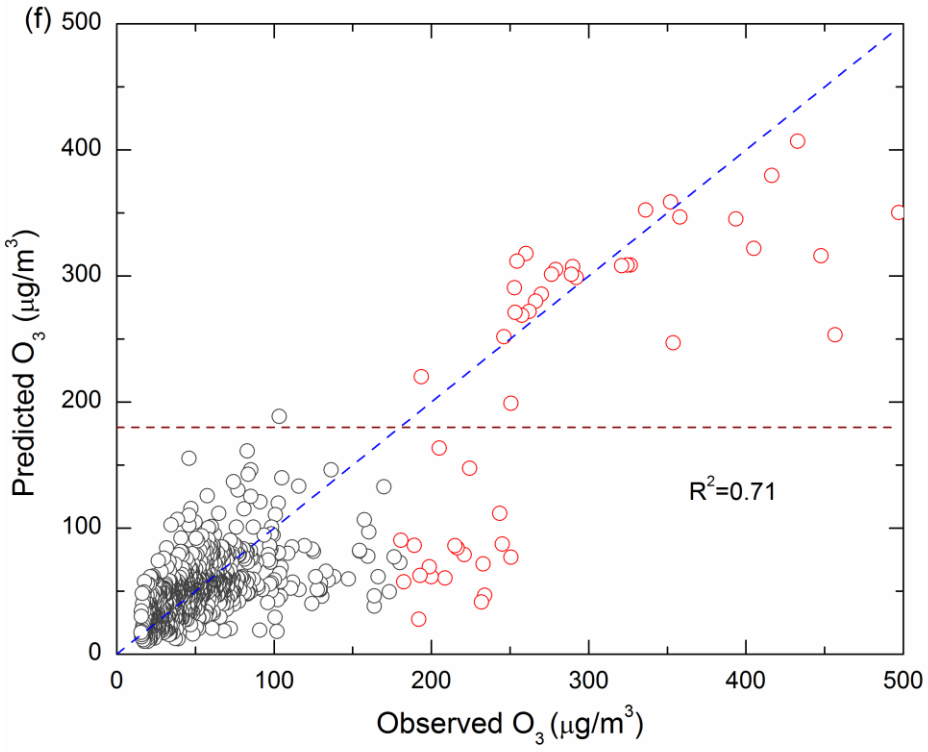


Figure S2. Scatter plots of observed vs. predicted ozone for (a) MLP (b) bagged MLP (c) RTree (d) bagged RTree (e) REPTree (f) bagged REPTree