**Supplemental Table 1: best tuned parameter values of each model**

|  |  |  |
| --- | --- | --- |
|  | Xgboost 2 samples | Xgboost 3 samples |
| Mtry | 7 | 7 |
| Min\_n | 40 | 31 |
| tree\_depth | 1 | 9 |
| learning rate | 0.0261 | 0.01265 |