Supplement S5

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | TreeNet 14 | TreeNet 29 | RandomForest 14 | Random Forest 29 |
| AUC | 0.914449 | 0.923299 | 0.961499 | **0.982550** |
| KAPPA | 0.386218 | 0.386388 | 0.656826 | **0.704847** |
| TSS | 0.828898 | 0.846598 | 0.922998 | **0.965100** |
| Threshold\_(Kappa maximization approach) | 0.90 | 0.88 | 0.96 | 0.97 |
| Threshold\_(sensitivity-specificity equality approach) | 0.27 | 0.29 | 0.75 | **0.85** |
| Threshold\_(lowest presence threshold) | 0.04 | 0.06 | 0.22 | 0.77 |