| Method | Event | N | N Correct | N Incorrect | % Correct (SE) | % Overall accuracy (SE) |
| --- | --- | --- | --- | --- | --- | --- |
| LASSO | No | 26,187 | 21,045 | 5,142 | 80.4 (2.1) | 78.9 (1.9) |
| LASSO | Yes | 3,970 | 2,754 | 1,216 | 69.4 (1.2) |
| LASSOsp | No | 26,187 | 22,703 | 3,484 | 86.7 (1.5) | 83.4 (1.3) |
| LASSOsp | Yes | 3,970 | 2,457 | 1,513 | 62.0 (1.7) |
| Random Forest | No | 26,187 | 25,638 | 549 | 97.9 (0.4) | 88.4 (0.3) |
| Random Forest | Yes | 3,970 | 1,014 | 2,956 | 25.5 (2.2) |