| **.metric** | **.estimator** | **.estimate** | **.config** | **model** | **ci\_lower** | **ci\_upper** | **df** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| sens | binary | 0.90293040 | Preprocessor1\_Model1 | rf |  |  | pd1\_tw1 |
| spec | binary | 0.83720930 | Preprocessor1\_Model1 | rf |  |  | pd1\_tw1 |
| accuracy | binary | 0.89813243 | Preprocessor1\_Model1 | rf |  |  | pd1\_tw1 |
| roc\_auc | binary | 0.93768634 | Preprocessor1\_Model1 | rf | 0.8966408 | 0.9787319 | pd1\_tw1 |
| sens | binary | 0.75641026 | Preprocessor1\_Model1 | svm |  |  | pd1\_tw1 |
| spec | binary | 0.83720930 | Preprocessor1\_Model1 | svm |  |  | pd1\_tw1 |
| accuracy | binary | 0.76230900 | Preprocessor1\_Model1 | svm |  |  | pd1\_tw1 |
| roc\_auc | binary | 0.86344663 | Preprocessor1\_Model1 | svm | 0.7923695 | 0.9345238 | pd1\_tw1 |
| sens | binary | 0.87179487 | Preprocessor1\_Model1 | elnet |  |  | pd1\_tw1 |
| spec | binary | 0.86046512 | Preprocessor1\_Model1 | elnet |  |  | pd1\_tw1 |
| accuracy | binary | 0.87096774 | Preprocessor1\_Model1 | elnet |  |  | pd1\_tw1 |
| roc\_auc | binary | 0.92806031 | Preprocessor1\_Model1 | elnet | 0.8793636 | 0.9767571 | pd1\_tw1 |
| sens | binary | 0.84249084 | Preprocessor1\_Model1 | xgb |  |  | pd1\_tw1 |
| spec | binary | 0.83720930 | Preprocessor1\_Model1 | xgb |  |  | pd1\_tw1 |
| accuracy | binary | 0.84210526 | Preprocessor1\_Model1 | xgb |  |  | pd1\_tw1 |
| roc\_auc | binary | 0.91115086 | Preprocessor1\_Model1 | xgb | 0.8551910 | 0.9671108 | pd1\_tw1 |
| sens | binary | 0.90072202 | Preprocessor1\_Model1 | rf |  |  | pd1\_tw2 |
| spec | binary | 0.80000000 | Preprocessor1\_Model1 | rf |  |  | pd1\_tw2 |
| accuracy | binary | 0.89473684 | Preprocessor1\_Model1 | rf |  |  | pd1\_tw2 |
| roc\_auc | binary | 0.92475503 | Preprocessor1\_Model1 | rf | 0.8707497 | 0.9787603 | pd1\_tw2 |
| sens | binary | 0.78519856 | Preprocessor1\_Model1 | svm |  |  | pd1\_tw2 |
| spec | binary | 0.57142857 | Preprocessor1\_Model1 | svm |  |  | pd1\_tw2 |
| accuracy | binary | 0.77249576 | Preprocessor1\_Model1 | svm |  |  | pd1\_tw2 |
| roc\_auc | binary | 0.77086127 | Preprocessor1\_Model1 | svm | 0.6803398 | 0.8613827 | pd1\_tw2 |
| sens | binary | 0.86101083 | Preprocessor1\_Model1 | elnet |  |  | pd1\_tw2 |
| spec | binary | 0.80000000 | Preprocessor1\_Model1 | elnet |  |  | pd1\_tw2 |
| accuracy | binary | 0.85738540 | Preprocessor1\_Model1 | elnet |  |  | pd1\_tw2 |
| roc\_auc | binary | 0.91799897 | Preprocessor1\_Model1 | elnet | 0.8713408 | 0.9646572 | pd1\_tw2 |
| sens | binary | 0.89891697 | Preprocessor1\_Model1 | xgb |  |  | pd1\_tw2 |
| spec | binary | 0.80000000 | Preprocessor1\_Model1 | xgb |  |  | pd1\_tw2 |
| accuracy | binary | 0.89303905 | Preprocessor1\_Model1 | xgb |  |  | pd1\_tw2 |
| roc\_auc | binary | 0.92748840 | Preprocessor1\_Model1 | xgb | 0.8795737 | 0.9754031 | pd1\_tw2 |
| sens | binary | 0.88321168 | Preprocessor1\_Model1 | rf |  |  | pd1\_tw3 |
| spec | binary | 0.80487805 | Preprocessor1\_Model1 | rf |  |  | pd1\_tw3 |
| accuracy | binary | 0.87775891 | Preprocessor1\_Model1 | rf |  |  | pd1\_tw3 |
| roc\_auc | binary | 0.93372797 | Preprocessor1\_Model1 | rf | 0.9002446 | 0.9672113 | pd1\_tw3 |
| sens | binary | 0.75182482 | Preprocessor1\_Model1 | svm |  |  | pd1\_tw3 |
| spec | binary | 0.65853659 | Preprocessor1\_Model1 | svm |  |  | pd1\_tw3 |
| accuracy | binary | 0.74533107 | Preprocessor1\_Model1 | svm |  |  | pd1\_tw3 |
| roc\_auc | binary | 0.76700196 | Preprocessor1\_Model1 | svm | 0.6777345 | 0.8562694 | pd1\_tw3 |
| sens | binary | 0.84854015 | Preprocessor1\_Model1 | elnet |  |  | pd1\_tw3 |
| spec | binary | 0.78048780 | Preprocessor1\_Model1 | elnet |  |  | pd1\_tw3 |
| accuracy | binary | 0.84380306 | Preprocessor1\_Model1 | elnet |  |  | pd1\_tw3 |
| roc\_auc | binary | 0.90417483 | Preprocessor1\_Model1 | elnet | 0.8606635 | 0.9476862 | pd1\_tw3 |
| sens | binary | 0.86678832 | Preprocessor1\_Model1 | xgb |  |  | pd1\_tw3 |
| spec | binary | 0.85365854 | Preprocessor1\_Model1 | xgb |  |  | pd1\_tw3 |
| accuracy | binary | 0.86587436 | Preprocessor1\_Model1 | xgb |  |  | pd1\_tw3 |
| roc\_auc | binary | 0.90230550 | Preprocessor1\_Model1 | xgb | 0.8469513 | 0.9576597 | pd1\_tw3 |
| sens | binary | 0.89579525 | Preprocessor1\_Model1 | rf |  |  | pd2\_tw1 |
| spec | binary | 0.85714286 | Preprocessor1\_Model1 | rf |  |  | pd2\_tw1 |
| accuracy | binary | 0.89303905 | Preprocessor1\_Model1 | rf |  |  | pd2\_tw1 |
| roc\_auc | binary | 0.93414294 | Preprocessor1\_Model1 | rf | 0.8884516 | 0.9798343 | pd2\_tw1 |
| sens | binary | 0.77879342 | Preprocessor1\_Model1 | svm |  |  | pd2\_tw1 |
| spec | binary | 0.69047619 | Preprocessor1\_Model1 | svm |  |  | pd2\_tw1 |
| accuracy | binary | 0.77249576 | Preprocessor1\_Model1 | svm |  |  | pd2\_tw1 |
| roc\_auc | binary | 0.83955776 | Preprocessor1\_Model1 | svm | 0.7698833 | 0.9092322 | pd2\_tw1 |
| sens | binary | 0.86654479 | Preprocessor1\_Model1 | elnet |  |  | pd2\_tw1 |
| spec | binary | 0.90476190 | Preprocessor1\_Model1 | elnet |  |  | pd2\_tw1 |
| accuracy | binary | 0.86926995 | Preprocessor1\_Model1 | elnet |  |  | pd2\_tw1 |
| roc\_auc | binary | 0.92717855 | Preprocessor1\_Model1 | elnet | 0.8719622 | 0.9823949 | pd2\_tw1 |
| sens | binary | 0.90493601 | Preprocessor1\_Model1 | xgb |  |  | pd2\_tw1 |
| spec | binary | 0.71428571 | Preprocessor1\_Model1 | xgb |  |  | pd2\_tw1 |
| accuracy | binary | 0.89134126 | Preprocessor1\_Model1 | xgb |  |  | pd2\_tw1 |
| roc\_auc | binary | 0.90088796 | Preprocessor1\_Model1 | xgb | 0.8380332 | 0.9637427 | pd2\_tw1 |
| sens | binary | 0.88461538 | Preprocessor1\_Model1 | rf |  |  | pd2\_tw2 |
| spec | binary | 0.81395349 | Preprocessor1\_Model1 | rf |  |  | pd2\_tw2 |
| accuracy | binary | 0.87945671 | Preprocessor1\_Model1 | rf |  |  | pd2\_tw2 |
| roc\_auc | binary | 0.94147713 | Preprocessor1\_Model1 | rf | 0.9126784 | 0.9702759 | pd2\_tw2 |
| sens | binary | 0.82417582 | Preprocessor1\_Model1 | svm |  |  | pd2\_tw2 |
| spec | binary | 0.65116279 | Preprocessor1\_Model1 | svm |  |  | pd2\_tw2 |
| accuracy | binary | 0.81154499 | Preprocessor1\_Model1 | svm |  |  | pd2\_tw2 |
| roc\_auc | binary | 0.83499446 | Preprocessor1\_Model1 | svm | 0.7685270 | 0.9014620 | pd2\_tw2 |
| sens | binary | 0.84798535 | Preprocessor1\_Model1 | elnet |  |  | pd2\_tw2 |
| spec | binary | 0.79069767 | Preprocessor1\_Model1 | elnet |  |  | pd2\_tw2 |
| accuracy | binary | 0.84380306 | Preprocessor1\_Model1 | elnet |  |  | pd2\_tw2 |
| roc\_auc | binary | 0.91155550 | Preprocessor1\_Model1 | elnet | 0.8700576 | 0.9530534 | pd2\_tw2 |
| sens | binary | 0.84798535 | Preprocessor1\_Model1 | xgb |  |  | pd2\_tw2 |
| spec | binary | 0.76744186 | Preprocessor1\_Model1 | xgb |  |  | pd2\_tw2 |
| accuracy | binary | 0.84210526 | Preprocessor1\_Model1 | xgb |  |  | pd2\_tw2 |
| roc\_auc | binary | 0.90723230 | Preprocessor1\_Model1 | xgb | 0.8594556 | 0.9550090 | pd2\_tw2 |
| sens | binary | 0.87179487 | Preprocessor1\_Model1 | rf |  |  | pd2\_tw3 |
| spec | binary | 0.81395349 | Preprocessor1\_Model1 | rf |  |  | pd2\_tw3 |
| accuracy | binary | 0.86757216 | Preprocessor1\_Model1 | rf |  |  | pd2\_tw3 |
| roc\_auc | binary | 0.89585995 | Preprocessor1\_Model1 | rf | 0.8358236 | 0.9558963 | pd2\_tw3 |
| sens | binary | 0.98717949 | Preprocessor1\_Model1 | svm |  |  | pd2\_tw3 |
| spec | binary | 0.04651163 | Preprocessor1\_Model1 | svm |  |  | pd2\_tw3 |
| accuracy | binary | 0.91850594 | Preprocessor1\_Model1 | svm |  |  | pd2\_tw3 |
| roc\_auc | binary | 0.75191669 | Preprocessor1\_Model1 | svm | 0.6657735 | 0.8380598 | pd2\_tw3 |
| sens | binary | 0.86080586 | Preprocessor1\_Model1 | elnet |  |  | pd2\_tw3 |
| spec | binary | 0.76744186 | Preprocessor1\_Model1 | elnet |  |  | pd2\_tw3 |
| accuracy | binary | 0.85398981 | Preprocessor1\_Model1 | elnet |  |  | pd2\_tw3 |
| roc\_auc | binary | 0.87515972 | Preprocessor1\_Model1 | elnet | 0.8074950 | 0.9428245 | pd2\_tw3 |
| sens | binary | 0.82967033 | Preprocessor1\_Model1 | xgb |  |  | pd2\_tw3 |
| spec | binary | 0.69767442 | Preprocessor1\_Model1 | xgb |  |  | pd2\_tw3 |
| accuracy | binary | 0.82003396 | Preprocessor1\_Model1 | xgb |  |  | pd2\_tw3 |
| roc\_auc | binary | 0.86998467 | Preprocessor1\_Model1 | xgb | 0.8060360 | 0.9339334 | pd2\_tw3 |
| sens | binary | 0.88354898 | Preprocessor1\_Model1 | rf |  |  | pd3\_tw1 |
| spec | binary | 0.87500000 | Preprocessor1\_Model1 | rf |  |  | pd3\_tw1 |
| accuracy | binary | 0.88285229 | Preprocessor1\_Model1 | rf |  |  | pd3\_tw1 |
| roc\_auc | binary | 0.94747381 | Preprocessor1\_Model1 | rf | 0.9234157 | 0.9715320 | pd3\_tw1 |
| sens | binary | 0.82255083 | Preprocessor1\_Model1 | svm |  |  | pd3\_tw1 |
| spec | binary | 0.83333333 | Preprocessor1\_Model1 | svm |  |  | pd3\_tw1 |
| accuracy | binary | 0.82342954 | Preprocessor1\_Model1 | svm |  |  | pd3\_tw1 |
| roc\_auc | binary | 0.89144331 | Preprocessor1\_Model1 | svm | 0.8482334 | 0.9346533 | pd3\_tw1 |
| sens | binary | 0.85951941 | Preprocessor1\_Model1 | elnet |  |  | pd3\_tw1 |
| spec | binary | 0.81250000 | Preprocessor1\_Model1 | elnet |  |  | pd3\_tw1 |
| accuracy | binary | 0.85568761 | Preprocessor1\_Model1 | elnet |  |  | pd3\_tw1 |
| roc\_auc | binary | 0.91739834 | Preprocessor1\_Model1 | elnet | 0.8767271 | 0.9580696 | pd3\_tw1 |
| sens | binary | 0.80776340 | Preprocessor1\_Model1 | xgb |  |  | pd3\_tw1 |
| spec | binary | 0.83333333 | Preprocessor1\_Model1 | xgb |  |  | pd3\_tw1 |
| accuracy | binary | 0.80984720 | Preprocessor1\_Model1 | xgb |  |  | pd3\_tw1 |
| roc\_auc | binary | 0.91304683 | Preprocessor1\_Model1 | xgb | 0.8794152 | 0.9466784 | pd3\_tw1 |
| sens | binary | 0.86691312 | Preprocessor1\_Model1 | rf |  |  | pd3\_tw2 |
| spec | binary | 0.85416667 | Preprocessor1\_Model1 | rf |  |  | pd3\_tw2 |
| accuracy | binary | 0.86587436 | Preprocessor1\_Model1 | rf |  |  | pd3\_tw2 |
| roc\_auc | binary | 0.91978589 | Preprocessor1\_Model1 | rf | 0.8800763 | 0.9594955 | pd3\_tw2 |
| sens | binary | 0.74121996 | Preprocessor1\_Model1 | svm |  |  | pd3\_tw2 |
| spec | binary | 0.79166667 | Preprocessor1\_Model1 | svm |  |  | pd3\_tw2 |
| accuracy | binary | 0.74533107 | Preprocessor1\_Model1 | svm |  |  | pd3\_tw2 |
| roc\_auc | binary | 0.84396180 | Preprocessor1\_Model1 | svm | 0.7781373 | 0.9097863 | pd3\_tw2 |
| sens | binary | 0.84473198 | Preprocessor1\_Model1 | elnet |  |  | pd3\_tw2 |
| spec | binary | 0.79166667 | Preprocessor1\_Model1 | elnet |  |  | pd3\_tw2 |
| accuracy | binary | 0.84040747 | Preprocessor1\_Model1 | elnet |  |  | pd3\_tw2 |
| roc\_auc | binary | 0.90380468 | Preprocessor1\_Model1 | elnet | 0.8525772 | 0.9550321 | pd3\_tw2 |
| sens | binary | 0.80591497 | Preprocessor1\_Model1 | xgb |  |  | pd3\_tw2 |
| spec | binary | 0.79166667 | Preprocessor1\_Model1 | xgb |  |  | pd3\_tw2 |
| accuracy | binary | 0.80475382 | Preprocessor1\_Model1 | xgb |  |  | pd3\_tw2 |
| roc\_auc | binary | 0.89702711 | Preprocessor1\_Model1 | xgb | 0.8467747 | 0.9472795 | pd3\_tw2 |
| sens | binary | 0.88868613 | Preprocessor1\_Model1 | rf |  |  | pd3\_tw3 |
| spec | binary | 0.75609756 | Preprocessor1\_Model1 | rf |  |  | pd3\_tw3 |
| accuracy | binary | 0.87945671 | Preprocessor1\_Model1 | rf |  |  | pd3\_tw3 |
| roc\_auc | binary | 0.93027862 | Preprocessor1\_Model1 | rf | 0.9031912 | 0.9573215 | pd3\_tw3 |
| sens | binary | 0.77372263 | Preprocessor1\_Model1 | svm |  |  | pd3\_tw3 |
| spec | binary | 0.85365854 | Preprocessor1\_Model1 | svm |  |  | pd3\_tw3 |
| accuracy | binary | 0.77928693 | Preprocessor1\_Model1 | svm |  |  | pd3\_tw3 |
| roc\_auc | binary | 0.86803454 | Preprocessor1\_Model1 | svm | 0.8053146 | 0.9307545 | pd3\_tw3 |
| sens | binary | 0.86131387 | Preprocessor1\_Model1 | elnet |  |  | pd3\_tw3 |
| spec | binary | 0.82926829 | Preprocessor1\_Model1 | elnet |  |  | pd3\_tw3 |
| accuracy | binary | 0.85908319 | Preprocessor1\_Model1 | elnet |  |  | pd3\_tw3 |
| roc\_auc | binary | 0.90929322 | Preprocessor1\_Model1 | elnet | 0.8685856 | 0.9500009 | pd3\_tw3 |
| sens | binary | 0.84306569 | Preprocessor1\_Model1 | xgb |  |  | pd3\_tw3 |
| spec | binary | 0.75609756 | Preprocessor1\_Model1 | xgb |  |  | pd3\_tw3 |
| accuracy | binary | 0.83701188 | Preprocessor1\_Model1 | xgb |  |  | pd3\_tw3 |
| roc\_auc | binary | 0.89567385 | Preprocessor1\_Model1 | xgb | 0.8497611 | 0.9415866 | pd3\_tw3 |