Performance of the ensemble model with different base models as meta-learners

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| Ensemble Learning | | | | | | | | meta-learner | AUC of the ensemble model |
| SVM | Logit | RF | XGBoost | LightGBM | AdaBoost | MLP | Cat | SVM | 0.802 |
| Logit | SVM | RF | XGBoost | LightGBM | AdaBoost | MLP | Cat | Logit | **0.853** |
| RF | SVM | Logit | XGBoost | LightGBM | AdaBoost | MLP | Cat | RF | 0.827 |
| XGBoost | SVM | Logit | RF | LightGBM | AdaBoost | MLP | Cat | XGBoost | 0.797 |
| LightGBM | SVM | Logit | RF | XGBoost | AdaBoost | MLP | Cat | LightGBM | 0.816 |
| AdaBoost | SVM | Logit | RF | XGBoost | LightGBM | MLP | Cat | AdaBoost | 0.687 |
| MLP | SVM | Logit | RF | XGBoost | LightGBM | AdaBoost | Cat | MLP | 0.827 |
| Cat | SVM | Logit | RF | XGBoost | LightGBM | AdaBoost | MLP | Catb | 0.832 |