| Model | Class | Metric | Estimate |
| --- | --- | --- | --- |
| Lasso | Arts & Cultural | Accuracy | 0.91 |
| Lasso | Arts & Cultural | Balanced accuracy | 0.91 |
| Lasso | Arts & Cultural | F-score | 0.91 |
| Random forest | Arts & Cultural | Accuracy | 0.91 |
| Random forest | Arts & Cultural | Balanced accuracy | 0.91 |
| Random forest | Arts & Cultural | F-score | 0.91 |
| XGboost | Arts & Cultural | Accuracy | 0.92 |
| XGboost | Arts & Cultural | Balanced accuracy | 0.92 |
| XGboost | Arts & Cultural | F-score | 0.92 |
| Lasso | Community | Accuracy | 0.74 |
| Lasso | Community | Balanced accuracy | 0.74 |
| Lasso | Community | F-score | 0.74 |
| Random forest | Community | Accuracy | 0.79 |
| Random forest | Community | Balanced accuracy | 0.79 |
| Random forest | Community | F-score | 0.80 |
| XGboost | Community | Accuracy | 0.79 |
| XGboost | Community | Balanced accuracy | 0.79 |
| XGboost | Community | F-score | 0.80 |
| Lasso | Economic | Accuracy | 0.96 |
| Lasso | Economic | Balanced accuracy | 0.96 |
| Lasso | Economic | F-score | 0.96 |
| Random forest | Economic | Accuracy | 0.95 |
| Random forest | Economic | Balanced accuracy | 0.95 |
| Random forest | Economic | F-score | 0.95 |
| XGboost | Economic | Accuracy | 0.91 |
| XGboost | Economic | Balanced accuracy | 0.91 |
| XGboost | Economic | F-score | 0.91 |
| Lasso | Education | Accuracy | 0.85 |
| Lasso | Education | Balanced accuracy | 0.85 |
| Lasso | Education | F-score | 0.85 |
| Random forest | Education | Accuracy | 0.90 |
| Random forest | Education | Balanced accuracy | 0.90 |
| Random forest | Education | F-score | 0.90 |
| XGboost | Education | Accuracy | 0.89 |
| XGboost | Education | Balanced accuracy | 0.89 |
| XGboost | Education | F-score | 0.88 |
| Lasso | Foundations | Accuracy | 0.82 |
| Lasso | Foundations | Balanced accuracy | 0.82 |
| Lasso | Foundations | F-score | 0.81 |
| Random forest | Foundations | Accuracy | 0.84 |
| Random forest | Foundations | Balanced accuracy | 0.84 |
| Random forest | Foundations | F-score | 0.84 |
| XGboost | Foundations | Accuracy | 0.83 |
| XGboost | Foundations | Balanced accuracy | 0.83 |
| XGboost | Foundations | F-score | 0.83 |
| Lasso | Healthcare | Accuracy | 0.81 |
| Lasso | Healthcare | Balanced accuracy | 0.81 |
| Lasso | Healthcare | F-score | 0.82 |
| Random forest | Healthcare | Accuracy | 0.87 |
| Random forest | Healthcare | Balanced accuracy | 0.87 |
| Random forest | Healthcare | F-score | 0.87 |
| XGboost | Healthcare | Accuracy | 0.87 |
| XGboost | Healthcare | Balanced accuracy | 0.87 |
| XGboost | Healthcare | F-score | 0.87 |
| Lasso | Hobby & Sports | Accuracy | 0.92 |
| Lasso | Hobby & Sports | Balanced accuracy | 0.92 |
| Lasso | Hobby & Sports | F-score | 0.92 |
| Random forest | Hobby & Sports | Accuracy | 0.92 |
| Random forest | Hobby & Sports | Balanced accuracy | 0.92 |
| Random forest | Hobby & Sports | F-score | 0.92 |
| XGboost | Hobby & Sports | Accuracy | 0.93 |
| XGboost | Hobby & Sports | Balanced accuracy | 0.93 |
| XGboost | Hobby & Sports | F-score | 0.94 |
| Lasso | Housing | Accuracy | 0.89 |
| Lasso | Housing | Balanced accuracy | 0.89 |
| Lasso | Housing | F-score | 0.89 |
| Random forest | Housing | Accuracy | 0.88 |
| Random forest | Housing | Balanced accuracy | 0.88 |
| Random forest | Housing | F-score | 0.89 |
| XGboost | Housing | Accuracy | 0.86 |
| XGboost | Housing | Balanced accuracy | 0.86 |
| XGboost | Housing | F-score | 0.87 |
| Lasso | Political | Accuracy | 0.87 |
| Lasso | Political | Balanced accuracy | 0.87 |
| Lasso | Political | F-score | 0.88 |
| Random forest | Political | Accuracy | 0.83 |
| Random forest | Political | Balanced accuracy | 0.83 |
| Random forest | Political | F-score | 0.83 |
| XGboost | Political | Accuracy | 0.87 |
| XGboost | Political | Balanced accuracy | 0.87 |
| XGboost | Political | F-score | 0.87 |
| Lasso | Professional | Accuracy | 0.86 |
| Lasso | Professional | Balanced accuracy | 0.86 |
| Lasso | Professional | F-score | 0.87 |
| Random forest | Professional | Accuracy | 0.83 |
| Random forest | Professional | Balanced accuracy | 0.83 |
| Random forest | Professional | F-score | 0.83 |
| XGboost | Professional | Accuracy | 0.85 |
| XGboost | Professional | Balanced accuracy | 0.85 |
| XGboost | Professional | F-score | 0.85 |
| Lasso | Religious | Accuracy | 0.89 |
| Lasso | Religious | Balanced accuracy | 0.89 |
| Lasso | Religious | F-score | 0.89 |
| Random forest | Religious | Accuracy | 0.89 |
| Random forest | Religious | Balanced accuracy | 0.89 |
| Random forest | Religious | F-score | 0.89 |
| XGboost | Religious | Accuracy | 0.89 |
| XGboost | Religious | Balanced accuracy | 0.89 |
| XGboost | Religious | F-score | 0.89 |
| Lasso | Research & Think Tank | Accuracy | 0.79 |
| Lasso | Research & Think Tank | Balanced accuracy | 0.79 |
| Lasso | Research & Think Tank | F-score | 0.82 |
| Random forest | Research & Think Tank | Accuracy | 0.87 |
| Random forest | Research & Think Tank | Balanced accuracy | 0.87 |
| Random forest | Research & Think Tank | F-score | 0.87 |
| XGboost | Research & Think Tank | Accuracy | 0.87 |
| XGboost | Research & Think Tank | Balanced accuracy | 0.87 |
| XGboost | Research & Think Tank | F-score | 0.87 |
| Lasso | Social & Fraternal | Accuracy | 0.89 |
| Lasso | Social & Fraternal | Balanced accuracy | 0.89 |
| Lasso | Social & Fraternal | F-score | 0.88 |
| Random forest | Social & Fraternal | Accuracy | 0.87 |
| Random forest | Social & Fraternal | Balanced accuracy | 0.87 |
| Random forest | Social & Fraternal | F-score | 0.86 |
| XGboost | Social & Fraternal | Accuracy | 0.91 |
| XGboost | Social & Fraternal | Balanced accuracy | 0.91 |
| XGboost | Social & Fraternal | F-score | 0.90 |
| Lasso | Unions | Accuracy | 0.94 |
| Lasso | Unions | Balanced accuracy | 0.94 |
| Lasso | Unions | F-score | 0.94 |
| Random forest | Unions | Accuracy | 0.92 |
| Random forest | Unions | Balanced accuracy | 0.92 |
| Random forest | Unions | F-score | 0.92 |
| XGboost | Unions | Accuracy | 0.92 |
| XGboost | Unions | Balanced accuracy | 0.92 |
| XGboost | Unions | F-score | 0.92 |
| Lasso | Youth | Accuracy | 0.82 |
| Lasso | Youth | Balanced accuracy | 0.82 |
| Lasso | Youth | F-score | 0.82 |
| Random forest | Youth | Accuracy | 0.85 |
| Random forest | Youth | Balanced accuracy | 0.85 |
| Random forest | Youth | F-score | 0.85 |
| XGboost | Youth | Accuracy | 0.83 |
| XGboost | Youth | Balanced accuracy | 0.83 |
| XGboost | Youth | F-score | 0.84 |