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| **2 Classes with 15 Attributes and Census Data**  **Threshold 3.5** | | | | | |
| **Machine Learning Model** | **Accuracy Testing** | **Accuracy Training** | **Distribution** | **F-1 “Lower Performance”** | **F-1 “Higher Performance”** |
| MultiClass Classification Logistic Regression | 57.34% | 58.66% | * Lower Performance: 12794 * Higher Performance: 11945 | 59% | 56% |
| Balanced Random Forest | 65.28% (Balanced) | 99.94% (Balanced) | * Lower Performance: 12794 * Higher Performance: 11945 | 65% | 65% |
| Easy Ensemble AdaBoost Classifier | 66.26% (Balanced) | 66.93% (Balanced) | * Lower Performance: 12794 * Higher Performance: 11945 | 66% | 66% |

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| **2 Classes with 15 Attributes and Census Data**  **Controlling for STATE**  **Threshold 3.5** | | | | | |
| **Machine Learning Model** | **Accuracy Testing** | **Accuracy Training** | **Distribution** | **F-1 “Lower Performance”** | **F-1 “Higher Performance”** |
| MultiClass Classification Logistic Regression | 57.34% | 58.66% | * Lower Performance: 12794 * Higher Performance: 11945 | 59% | 56% |
| Balanced Random Forest | 65.20% (Balanced) | 99.94% (Balanced) | * Lower Performance: 12794 * Higher Performance: 11945 | 65% | 65% |
| Easy Ensemble AdaBoost Classifier | 66.85% (Balanced) | 67.14% (Balanced) | * Lower Performance: 12794 * Higher Performance: 11945 | 67% | 67% |

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| **2 Classes with 15 Attributes and Census Data**  **Controlling for STATE**  **Scaling Data using StandardScaler()**  **Threshold 3.5** | | | | | |
| **Machine Learning Model** | **Accuracy Testing** | **Accuracy Training** | **Distribution** | **F-1 “Lower Performance”** | **F-1 “Higher Performance”** |
| MultiClass Classification Logistic Regression | 57.34% | 58.66% | * Lower Performance: 12794 * Higher Performance: 11945 | 59% | 56% |
| Balanced Random Forest | 65.28% (Balanced) | 99.94% (Balanced) | * Lower Performance: 12794 * Higher Performance: 11945 | 65% | 65% |
| Easy Ensemble AdaBoost Classifier | 66.85% (Balanced) | 67.14% (Balanced) | * Lower Performance: 12794 * Higher Performance: 11945 | 67% | 67% |