**Result of Medial Tibia**

1. **1st level GLCM**
2. **Feature Selection: CFS (bin =10)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.451** | **0.262** | **0.262** | **0.687** | **0.197** | **0.223** |
| **Bay Net** | **0.452** | **0.238** | **0.238** | **0.694** | **0.203** | **0.217** |
| **Naïve Base** | **0.447** | **0.246** | **0.246** | **0.682** | **0.206** | **0.219** |
| **SVM** | **0.5** | **0.338** | **0.338** | **0.662** | **0.115** | **0.171** |
| **Logistic** | **0.504** | **0.208** | **0.208** | **0.737** | **0.206** | **0.205** |
| **Multi Layers** | **0.449** | **0.177** | **0.177** | **0.708** | **0.17** | **0.172** |
| **SMO** | **0.504** | **0.254** | **0.254** | **0.709** | **0.212** | **0.225** |
| **J48** | **0.455** | **0.3** | **0.3** | **0.67** | **0.239** | **0.211** |
| **J48 Binary tree** | **0.477** | **0.262** | **0.262** | **0.731** | **0.248** | **0.252** |

1. **Feature Selection: CFS (bin =5)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.438** | **0.331** | **0.331** | **0.695** | **0.218** | **0.263** |
| **Bay Net** | **0.421** | **0.292** | **0.292** | **0.686** | **0.209** | **0.24** |
| **Naïve Base** | **0.425** | **0.308** | **0.308** | **0.694** | **0.225** | **0.256** |
| **SVM** | **0.486** | **0.315** | **0.315** | **0.656** | **0.194** | **0.202** |
| **Logistic** | **0.422** | **0.246** | **0.246** | **0.673** | **0.185** | **0.208** |
| **Multi Layers** | **0.434** | **0.277** | **0.277** | **0.695** | **0.197** | **0.229** |
| **SMO** | **0.48** | **0.231** | **0.231** | **0.665** | **0.162** | **0.19** |
| **J48** | **0.43** | **0.285** | **0.285** | **0.665** | **0.202** | **0.222** |
| **J48 Binary tree** | **0.437** | **0.254** | **0.254** | **0.676** | **0.177** | **0.209** |

1. **CLBP**
2. **Feature Selection: CFS (bin =10)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.722** | **0.477** | **0.477** | **0.787** | **0.423** | **0.44** |
| **Bay Net** | **0.784** | **0.554** | **0.554** | **0.833** | **0.563** | **0.542** |
| **Naïve Base** | **0.777** | **0.554** | **0.554** | **0.826** | **0.533** | **0.531** |
| **SVM** | **0.5** | **0.338** | **0.338** | **0.662** | **0.115** | **0.171** |
| **Logistic** | **0.71** | **0.408** | **0.408** | **0.836** | **0.445** | **0.421** |
| **Multi Layers** | **0.749** | **0.485** | **0.485** | **0.81** | **0.456** | **0.468** |
| **SMO** | **0.709** | **0.446** | **0.446** | **0.815** | **0.454** | **0.442** |
| **J48** | **0.455** | **0.208** | **0.208** | **0.725** | **0.207** | **0.207** |
| **J48 Binary tree** | **0.561** | **0.369** | **0.369** | **0.774** | **0.349** | **0.358** |

1. **Feature Selection: CFS (bin =5)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.726** | **0.5** | **0.5** | **0.824** | **0.469** | **0.479** |
| **Bay Net** | **0.747** | **0.5** | **0.5** | **0.821** | **0.476** | **0.484** |
| **Naïve Base** | **0.737** | **0.477** | **0.477** | **0.811** | **0.453** | **0.459** |
| **SVM** | **0.542** | **0.385** | **0.385** | **0.699** | **0.246** | **0.289** |
| **Logistic** | **0.653** | **0.431** | **0.431** | **0.844** | **0.464** | **0.444** |
| **Multi Layers** | **0.674** | **0.377** | **0.377** | **0.801** | **0.391** | **0.383** |
| **SMO** | **0.69** | **0.4** | **0.4** | **0.83** | **0.443** | **0.417** |
| **J48** | **0.539** | **0.277** | **0.277** | **0.757** | **0.276** | **0.276** |
| **J48 Binary tree** | **0.596** | **0.331** | **0.331** | **0.782** | **0.334** | **0.33** |

1. **Gabor**
2. **Feature Selection: CFS (bin =10)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.666** | **0.438** | **0.438** | **0.747** | **0.479** | **0.402** |
| **Bay Net** | **0.704** | **0.454** | **0.454** | **0.779** | **0.484** | **0.447** |
| **Naïve Base** | **0.695** | **0.415** | **0.415** | **0.756** | **0.413** | **0.389** |
| **SVM** | **0.5** | **0.338** | **0.338** | **0.662** | **0.115** | **0.171** |
| **Logistic** | **0.672** | **0.4** | **0.4** | **0.809** | **0.395** | **0.395** |
| **Multi Layers** | **0.71** | **0.477** | **0.477** | **0.788** | **0.508** | **0.467** |
| **SMO** | **0.672** | **0.431** | **0.431** | **0.789** | **0.434** | **0.427** |
| **J48** | **0.516** | **0.238** | **0.238** | **0.759** | **0.257** | **0.246** |
| **J48 Binary tree** | **0.57** | **0.385** | **0.385** | **0.781** | **0.38** | **0.381** |

1. **Feature Selection: CFS (bin =5)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.659** | **0.4** | **0.4** | **0.748** | **0.357** | **0.349** |
| **Bay Net** | **0.696** | **0.415** | **0.415** | **0.784** | **0.399** | **0.393** |
| **Naïve Base** | **0.684** | **0.423** | **0.423** | **0.782** | **0.412** | **0.396** |
| **SVM** | **0.5** | **0.338** | **0.338** | **0.662** | **0.115** | **0.171** |
| **Logistic** | **0.617** | **0.331** | **0.331** | **0.794** | **0.343** | **0.336** |
| **Multi Layers** | **0.655** | **0.4** | **0.4** | **0.783** | **0.394** | **0.393** |
| **SMO** | **0.636** | **0.377** | **0.377** | **0.793** | **0.387** | **0.38** |
| **J48** | **0.469** | **0.246** | **0.246** | **0.757** | **0.259** | **0.251** |
| **J48 Binary tree** | **0.534** | **0.292** | **0.292** | **0.764** | **0.305** | **0.296** |

1. **Haralick**
2. **Feature Selection: CFS (bin =10)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.605** | **0.392** | **0.392** | **0.75** | **0.328** | **0.349** |
| **Bay Net** | **0.644** | **0.438** | **0.438** | **0.785** | **0.386** | **0.404** |
| **Naïve Base** | **0.642** | **0.454** | **0.454** | **0.786** | **0.406** | **0.416** |
| **SVM** | **0.556** | **0.408** | **0.408** | **0.705** | **0.715** | **0.304** |
| **Logistic** | **0.619** | **0.362** | **0.362** | **0.801** | **0.375** | **0.366** |
| **Multi Layers** | **0.602** | **0.338** | **0.338** | **0.774** | **0.337** | **0.338** |
| **SMO** | **0.618** | **0.415** | **0.415** | **0.776** | **0.38** | **0.395** |
| **J48** | **0.565** | **0.377** | **0.377** | **0.748** | **0.34** | **0.351** |
| **J48 Binary tree** | **0.587** | **0.354** | **0.354** | **0.776** | **0.339** | **0.346** |

1. **Feature Selection: CFS (bin =5)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.626** | **0.385** | **0.385** | **0.767** | **0.335** | **0.353** |
| **Bay Net** | **0.619** | **0.423** | **0.423** | **0.791** | **0.385** | **0.391** |
| **Naïve Base** | **0.617** | **0.423** | **0.423** | **0.785** | **0.385** | **0.387** |
| **SVM** | **0.56** | **0.4** | **0.4** | **0.72** | **0.256** | **0.31** |
| **Logistic** | **0.58** | **0.346** | **0.346** | **0.795** | **0.344** | **0.342** |
| **Multi Layers** | **0.566** | **0.323** | **0.323** | **0.757** | **0.303** | **0.312** |
| **SMO** | **0.625** | **0.438** | **0.438** | **0.786** | **0.384** | **0.404** |
| **J48** | **0.618** | **0.4** | **0.4** | **0.77** | **0.339** | **0.354** |
| **J48 Binary tree** | **0.558** | **0.392** | **0.392** | **0.77** | **0.329** | **0.348** |

1. **LBP**
2. **Feature Selection: CFS (bin =10)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.848** | **0.562** | **0.562** | **0.8** | **0.55** | **0.506** |
| **Bay Net** | **0.858** | **0.615** | **0.615** | **0.834** | **0.632** | **0.583** |
| **Naïve Base** | **0.854** | **0.623** | **0.623** | **0.827** | **0.691** | **0.583** |
| **SVM** | **0.5** | **0.338** | **0.338** | **0.662** | **0.115** | **0.171** |
| **Logistic** | **0.871** | **0.654** | **0.654** | **0.907** | **0.671** | **0.658** |
| **Multi Layers** | **0.842** | **0.654** | **0.654** | **0.864** | **0.678** | **0.646** |
| **SMO** | **0.762** | **0.577** | **0.577** | **0.846** | **0.575** | **0.577** |
| **J48** | **0.553** | **0.331** | **0.331** | **0.753** | **0.321** | **0.322** |
| **J48 Binary tree** | **0.58** | **0.362** | **0.362** | **0.791** | **0.378** | **0.366** |

1. **Feature Selection: CFS (bin =5)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.817** | **0.562** | **0.562** | **0.806** | **0.573** | **0.512** |
| **Bay Net** | **0.84** | **0.646** | **0.646** | **0.858** | **0.641** | **0.625** |
| **Naïve Base** | **0.83** | **0.608** | **0.608** | **0.83** | **0.603** | **0.564** |
| **SVM** | **0.565** | **0.423** | **0.423** | **0.707** | **0.364** | **0.311** |
| **Logistic** | **0.775** | **0.462** | **0.462** | **0.851** | **0.492** | **0.471** |
| **Multi Layers** | **0.797** | **0.562** | **0.562** | **0.829** | **0.57** | **0.546** |
| **SMO** | **0.755** | **0.515** | **0.515** | **0.834** | **0.523** | **0.513** |
| **J48** | **0.571** | **0.346** | **0.346** | **0.773** | **0.33** | **0.337** |
| **J48 Binary tree** | **0.59** | **0.408** | **0.408** | **0.809** | **0.4** | **0.398** |

1. **LBP\_hf**
2. **Feature Selection: CFS (bin =10)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.646** | **0.408** | **0.408** | **0.749** | **0.365** | **0.37** |
| **Bay Net** | **0.678** | **0.423** | **0.423** | **0.799** | **0.418** | **0.413** |
| **Naïve Base** | **0.682** | **0.438** | **0.438** | **0.79** | **0.417** | **0.416** |
| **SVM** | **0.5** | **0.338** | **0.338** | **0.662** | **0.115** | **0.171** |
| **Logistic** | **0.6** | **0.292** | **0.292** | **0.785** | **0.304** | **0.297** |
| **Multi Layers** | **0.653** | **0.415** | **0.415** | **0.795** | **0.407** | **0.41** |
| **SMO** | **0.63** | **0.369** | **0.369** | **0.793** | **0.364** | **0.364** |
| **J48** | **0.508** | **0.315** | **0.315** | **0.759** | **0.298** | **0.305** |
| **J48 Binary tree** | **0.565** | **0.346** | **0.346** | **0.793** | **0.356** | **0.348** |

1. **Feature Selection: CFS (bin =5)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.663** | **0.385** | **0.385** | **0.766** | **0.361** | **0.369** |
| **Bay Net** | **0.679** | **0.431** | **0.431** | **0.749** | **0.411** | **0.416** |
| **Naïve Base** | **0.679** | **0.431** | **0.431** | **0.79** | **0.412** | **0.415** |
| **SVM** | **0.584** | **0.431** | **0.431** | **0.738** | **0.283** | **0.34** |
| **Logistic** | **0.628** | **0.362** | **0.362** | **0.81** | **0.367** | **0.36** |
| **Multi Layers** | **0.633** | **0.362** | **0.362** | **0.786** | **0.353** | **0.357** |
| **SMO** | **0.647** | **0.4** | **0.4** | **0.798** | **0.394** | **0.397** |
| **J48** | **0.612** | **0.415** | **0.415** | **0.785** | **0.389** | **0.397** |
| **J48 Binary tree** | **0.577** | **0.3** | **0.3** | **0.782** | **0.328** | **0.31** |

1. **LBP\_ri**
2. **Feature Selection: CFS (bin =10)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.682** | **0.431** | **0.431** | **0.773** | **0.346** | **0.376** |
| **Bay Net** | **0.681** | **0.438** | **0.438** | **0.793** | **0.379** | **0.402** |
| **Naïve Base** | **0.68** | **0.423** | **0.423** | **0.775** | **0.347** | **0.375** |
| **SVM** | **0.5** | **0.338** | **0.338** | **0.662** | **0.115** | **0.171** |
| **Logistic** | **0.589** | **0.315** | **0.315** | **0.797** | **0.35** | **0.329** |
| **Multi Layers** | **0.66** | **0.392** | **0.392** | **0.794** | **0.384** | **0.386** |
| **SMO** | **0.661** | **0.392** | **0.392** | **0.815** | **0.409** | **0.4** |
| **J48** | **0.596** | **0.392** | **0.392** | **0.776** | **0.352** | **0.37** |
| **J48 Binary tree** | **0.556** | **0.362** | **0.362** | **0.779** | **0.368** | **0.361** |

1. **Feature Selection: CFS (bin =5)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.677** | **0.438** | **0.438** | **0.772** | **0.383** | **0.396** |
| **Bay Net** | **0.663** | **0.477** | **0.477** | **0.791** | **0.313** | **0.426** |
| **Naïve Base** | **0.665** | **0.469** | **0.469** | **0.777** | **0.406** | **0.408** |
| **SVM** | **0.612** | **0.469** | **0.469** | **0.755** | **0.306** | **0.368** |
| **Logistic** | **0.637** | **0.362** | **0.362** | **0.805** | **0.378** | **0.368** |
| **Multi Layers** | **0.634** | **0.4** | **0.4** | **0.805** | **0.399** | **0.397** |
| **SMO** | **0.666** | **0.392** | **0.392** | **0.802** | **0.382** | **0.387** |
| **J48** | **0.58** | **0.338** | **0.338** | **0.747** | **0.313** | **0.317** |
| **J48 Binary tree** | **0.591** | **0.408** | **0.408** | **0.789** | **0.375** | **0.386** |

1. **LCP**
2. **Feature Selection: CFS (bin =10)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.682** | **0.454** | **0.454** | **0.784** | **0.408** | **0.418** |
| **Bay Net** | **0.746** | **0.515** | **0.515** | **0.827** | **0.508** | **0.503** |
| **Naïve Base** | **0.743** | **0.5** | **0.5** | **0.815** | **0.478** | **0.473** |
| **SVM** | **0.506** | **0.346** | **0.346** | **0.665** | **0.415** | **0.187** |
| **Logistic** | **0.65** | **0.362** | **0.362** | **0.796** | **0.365** | **0.361** |
| **Multi Layers** | **0.688** | **0.377** | **0.377** | **0.773** | **0.355** | **0.364** |
| **SMO** | **0.678** | **0.392** | **0.392** | **0.804** | **0.392** | **0.391** |
| **J48** | **0.626** | **0.377** | **0.377** | **0.791** | **0.369** | **0.371** |
| **J48 Binary tree** | **0.55** | **0.254** | **0.254** | **0.736** | **0.249** | **0.25** |

1. **Feature Selection: CFS (bin =5)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.682** | **0.454** | **0.454** | **0.79** | **0.423** | **0.42** |
| **Bay Net** | **0.709** | **0.438** | **0.438** | **0.807** | **0.439** | **0.43** |
| **Naïve Base** | **0.709** | **0.462** | **0.462** | **0.809** | **0.458** | **0.447** |
| **SVM** | **0.591** | **0.446** | **0.446** | **0.736** | **0.283** | **0.345** |
| **Logistic** | **0.585** | **0.315** | **0.315** | **0.794** | **0.338** | **0.323** |
| **Multi Layers** | **0.64** | **0.354** | **0.354** | **0.79** | **0.355** | **0.353** |
| **SMO** | **0.629** | **0.408** | **0.408** | **0.814** | **0.415** | **0.41** |
| **J48** | **0.6** | **0.408** | **0.408** | **0.79** | **0.385** | **0.291** |
| **J48 Binary tree** | **0.62** | **0.392** | **0.392** | **0.804** | **0.388** | **0.388** |

1. **LTP**
2. **Feature Selection: CFS (bin =10)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.684** | **0.462** | **0.462** | **0.759** | **0.49** | **0.434** |
| **Bay Net** | **0.691** | **0.477** | **0.477** | **0.781** | **0.479** | **0.456** |
| **Naïve Base** | **0.685** | **0.462** | **0.462** | **0.773** | **0.466** | **0.44** |
| **SVM** | **0.5** | **0.338** | **0.338** | **0.772** | **0.115** | **0.171** |
| **Logistic** | **0.632** | **0.392** | **0.392** | **0.79** | **0.398** | **0.392** |
| **Multi Layers** | **0.676** | **0.446** | **0.446** | **0.776** | **0.423** | **0.432** |
| **SMO** | **0.678** | **0.462** | **0.462** | **0.815** | **0.477** | **0.464** |
| **J48** | **0.502** | **0.331** | **0.331** | **0.744** | **0.299** | **0.31** |
| **J48 Binary tree** | **0.529** | **0.308** | **0.308** | **0.77** | **0.305** | **0.305** |

1. **Feature Selection: CFS (bin =5)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.718** | **0.469** | **0.469** | **0.777** | **0.439** | **0.431** |
| **Bay Net** | **0.717** | **0.477** | **0.477** | **0.786** | **0.445** | **0.443** |
| **Naïve Base** | **0.711** | **0.462** | **0.462** | **0.781** | **0.449** | **0.431** |
| **SVM** | **0.604** | **0.462** | **0.462** | **0.746** | **0.294** | **0.359** |
| **Logistic** | **0.568** | **0.277** | **0.277** | **0.78** | **0.301** | **0.283** |
| **Multi Layers** | **0.712** | **0.415** | **0.415** | **0.791** | **0.418** | **0.416** |
| **SMO** | **0.673** | **0.377** | **0.377** | **0.708** | **0.387** | **0.379** |
| **J48** | **0.539** | **0.292** | **0.292** | **0.74** | **0.287** | **0.286** |
| **J48 Binary tree** | **0.544** | **0.323** | **0.323** | **0.749** | **0.307** | **0.311** |

1. **RLBP**
2. **Feature Selection: CFS (bin =10)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.789** | **0.546** | **0.546** | **0.807** | **0.548** | **0.495** |
| **Bay Net** | **0.802** | **0.523** | **0.523** | **0.808** | **0.503** | **0.492** |
| **Naïve Base** | **0.792** | **0.523** | **0.523** | **0.796** | **0.51** | **0.477** |
| **SVM** | **0.5** | **0.338** | **0.338** | **0.772** | **0.115** | **0.171** |
| **Logistic** | **0.769** | **0.492** | **0.492** | **0.843** | **0.497** | **0.494** |
| **Multi Layers** | **0.777** | **0.485** | **0.485** | **0.812** | **0.503** | **0.471** |
| **SMO** | **0.749** | **0.523** | **0.523** | **0.83** | **0.541** | **0.522** |
| **J48** | **0.577** | **0.331** | **0.331** | **0.767** | **0.316** | **0.323** |
| **J48 Binary tree** | **0.59** | **0.346** | **0.346** | **0.792** | **0.343** | **0.343** |

1. **Feature Selection: CFS (bin =5)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Algorithm** | **AUC** | **AC** | **SN** | **SP** | **PR** | **FM** |
| **AODE** | **0.754** | **0.508** | **0.508** | **0.795** | **0.485** | **0.473** |
| **Bay Net** | **0.783** | **0.546** | **0.546** | **0.819** | **0.534** | **0.526** |
| **Naïve Base** | **0.77** | **0.508** | **0.508** | **0.805** | **0.486** | **0.484** |
| **SVM** | **0.489** | **0.323** | **0.323** | **0.655** | **0.11** | **0.165** |
| **Logistic** | **0.775** | **0.5** | **0.5** | **0.856** | **0.526** | **0.507** |
| **Multi Layers** | **0.758** | **0.492** | **0.492** | **0.812** | **0.48** | **0.481** |
| **SMO** | **0.693** | **0.454** | **0.454** | **0.813** | **0.47** | **0.454** |
| **J48** | **0.538** | **0.331** | **0.331** | **0.781** | **0.343** | **0.335** |
| **J48 Binary tree** | **0.533** | **0.338** | **0.338** | **0.772** | **0.318** | **0.327** |