1. **Feature Selection: CFS**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

1. **Feature Selection: Information gain with**
   1. **n=10**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=20**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=30**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=40**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=50**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=60**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=70**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=80**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=90**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=100**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

1. **Feature Selection: Gain Ratio with**
   1. **n=10**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=30**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=40**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=50**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=60**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

* 1. **n=70**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

1. **Feature Selection: Chi-square with**
   1. **n=10**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
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| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

1. **Feature Selection: Relief with**
   1. **n=10**

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
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| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
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| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
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| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |

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| **J48** |  |
| **J48 Binary tree** |  |
| **Naïve Base** |  |
| **AODE** | **Can not use** |
| **Bay Net** |  |
| **Multi Layers** |  |
| **Logistic** |  |
| **SMO** |  |
| **SVM** |  |