**Tree parameters:**

|  |  |  |
| --- | --- | --- |
|  | Average Depth | Number of nodes |
| Tree constructed using  ID3 | 4 | 151 |
| Tree constructed using  random attribute  selection | 4 | 462 |

**Accuracy:**

Report accuracy for 5 different values of "number of nodes pruned" parameter. One of these should be for 0 nodes pruned i.e. comparing the accuracy without any post-pruning.

|  |  |  |
| --- | --- | --- |
| Number of  nodes  pruned | Accuracy of tree  constructed using  ID3 | Accuracy of tree  constructed using  random attribute  selection |
| 0 | 72.83% | 55.67% |
| 2 | 72.67% | 55.67% |
| 3 | 72.83% | 55.67% |
| 6 | 73.50% | 58.60% |
| 10 | 73.67% | 55.67% |