Assignment 2

# Experiment 1

|  |  |  |  |
| --- | --- | --- | --- |
| Rotation | Split rate | Accuracy | Tree size |
| 1 | 25 | 96.20991 | 29 |
| 2 | 25 | 97.08455 | 33 |
| 3 | 25 | 96.11273 | 33 |
| 4 | 25 | 96.50146 | 31 |
| 5 | 25 | 96.98737 | 25 |

# Experiment 2

|  |  |  |  |
| --- | --- | --- | --- |
| Split | Average accuracy | Max accuracy | Min accuracy |
| 30 | 0.978564 | 0.990635 | 0.972945 |
| 40 | 0.982282 | 0.989078 | 0.96966 |
| 50 | 0.979592 | 0.985423 | 0.975219 |
| 60 | 0.980328 | 0.983607 | 0.972678 |
| 70 | 0.987379 | 0.995146 | 0.98301 |

Average tree size: 40.76

Max tree size: 57

Min tree size: 29

## Plots

Chart, scatter chart

Description automatically generated

