

Figure : Classification Decision Tree

**Each fold contains information relating to the two classes in the dataset (0,1), such as their precision, recall, and the F-Score.**

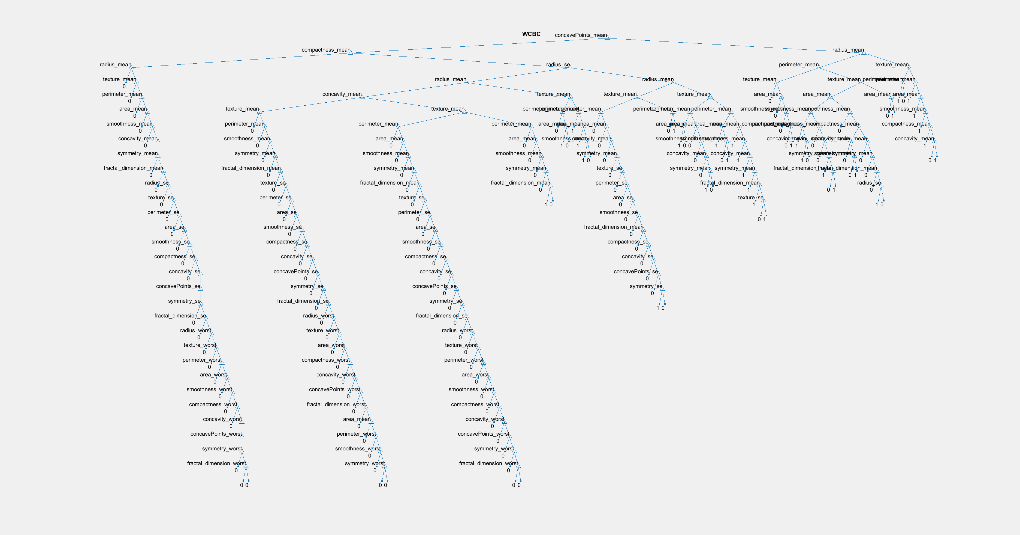
**Fold 1:**

Figure : Tree Created During Fold 1

**(1)**

Precision: 36/36

Recall: 36/45

F-Score: 36

**(0)**

Precision: 11/20

Recall: 11/11

F-Score: 14.1935

Overall Accuracy: 83.9286%

**Fold 2:**

**(1)**

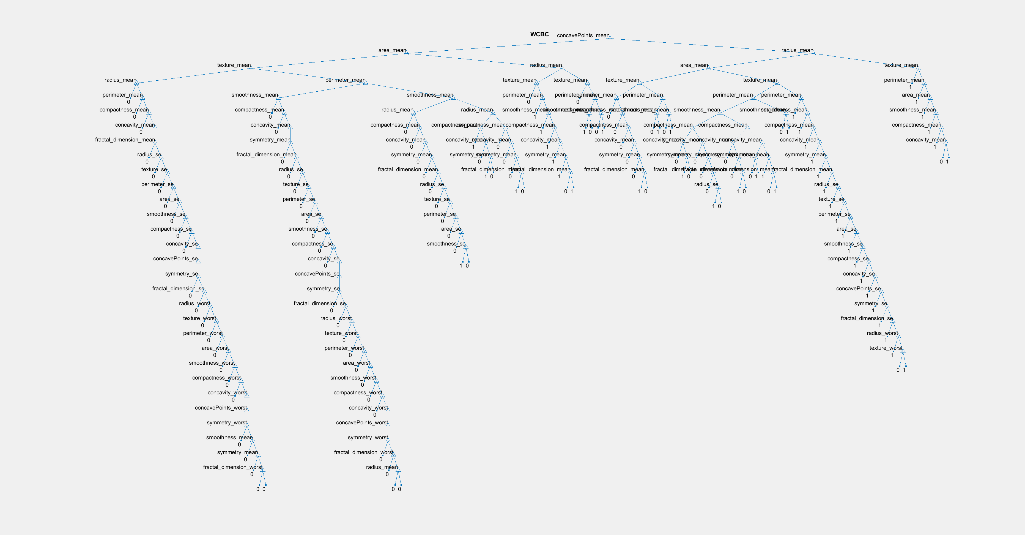
Precision: 22/24

Figure : Tree Created During Fold 2

Recall:22/23

F-Score: 22.9565

**(0)**

Precision: 32/33

Recall: 32/34

F-Score: 32.4923

Overall Accuracy: 94.7368%

**Fold 3:**

**(1)**

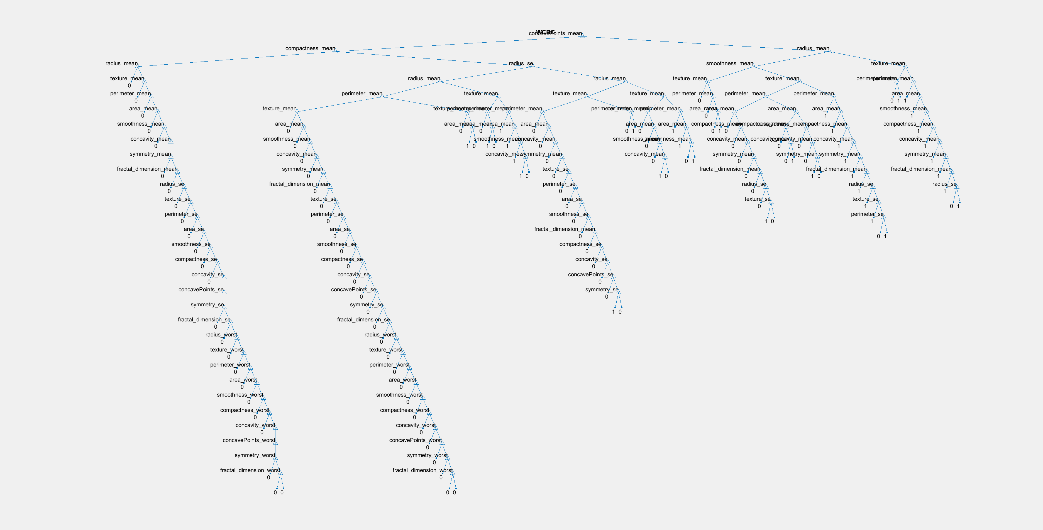
Precision: 15/19

Figure : Tree Created During Fold 3

Recall: 15/20

F-Score: 16.7647

**(0)**

Precision: 33/38

Recall: 33/37

F-Score: 35.3239

Overall Accuracy: 84.2105%

**Fold 4:**

**(1)**

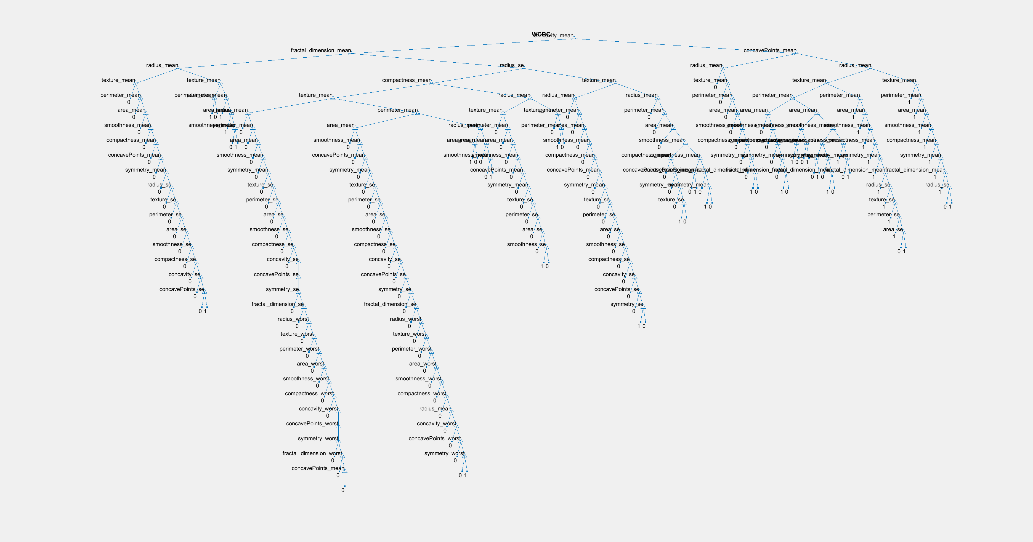
Precision 22/23

Figure : Tree Created During Fold 4

Recall: 22/30

F-Score: 22.4889

**(0)**

Precision: 26/34

Recall: 26/27

F-Score: 29.4667

Overall Accuracy: 84.2105%

**Fold 5:**

**(1)**

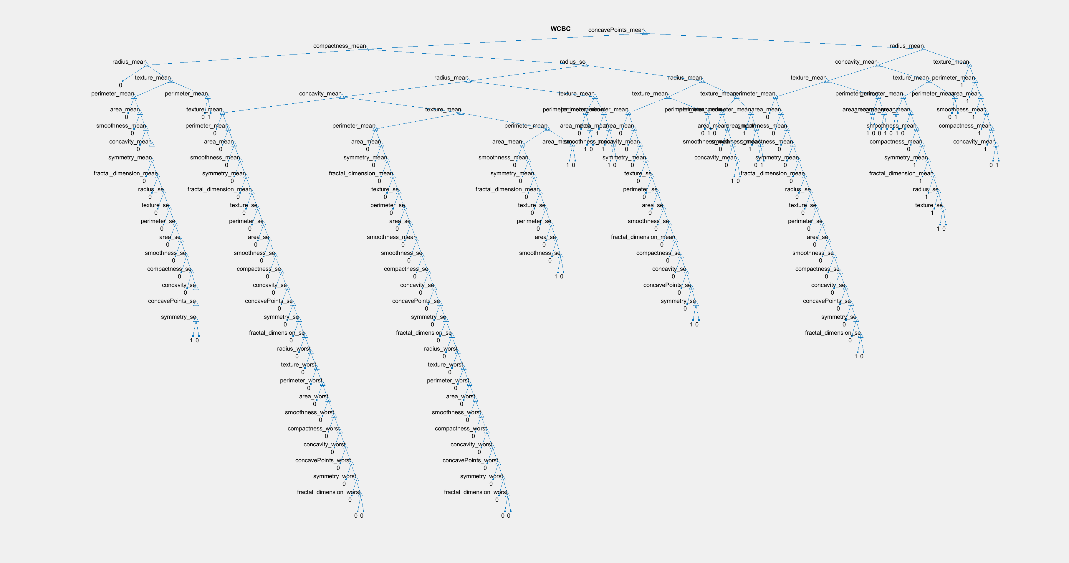
Precision: 25/26

Figure : Tree Created During Fold 5

Recall: 25/26

F-Score: 25.4902

**(0)**

Precision: 30/31

Recall: 30/31

F-Score: 30.4918

Overall Accuracy: 96.4912%

**Fold 6:**

**(1)**

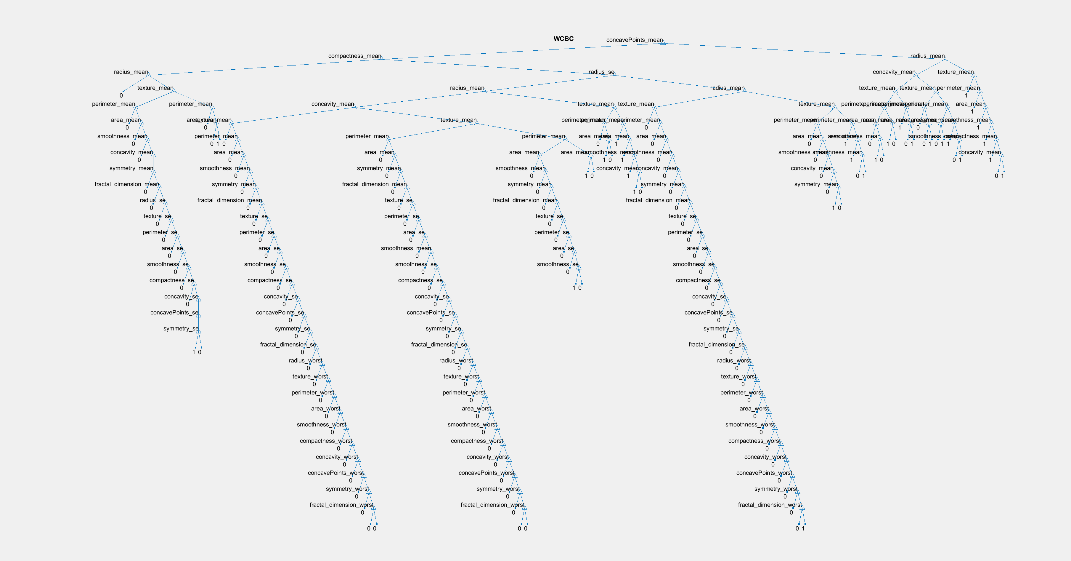
Precision: 12/13

Figure : Tree Created During Fold 6

Recall: 12/13

F-Score: 12.4800

**(0)**

Precision: 43/44

Recall: 43/44

F-Score: 43.4943

Overall Accuracy: 96.4912%

**Fold 7:**

**(1)**

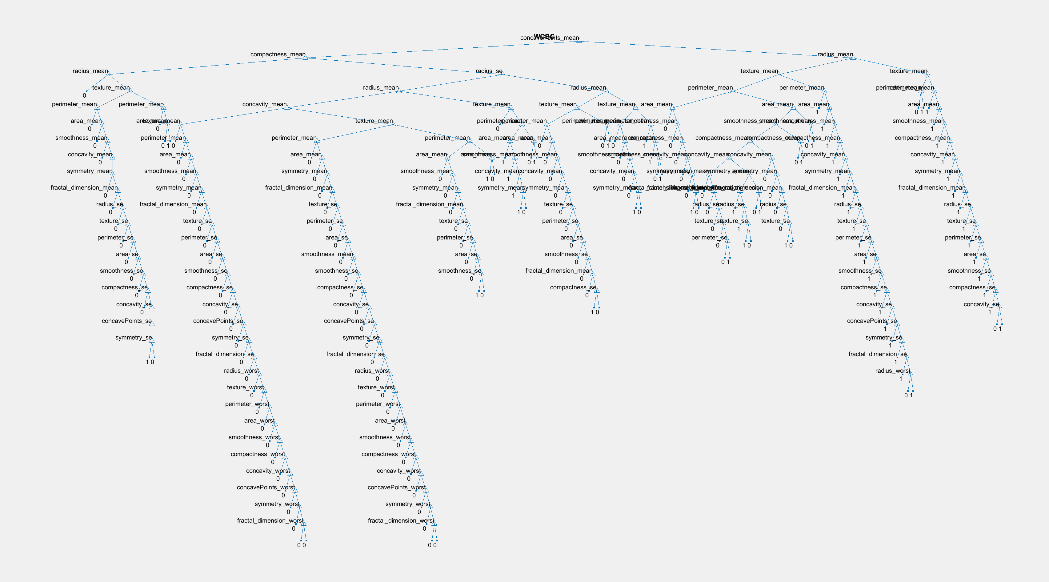
Precision: 17/21

Figure : Tree Created During Fold 7

Recall: 17/17

F-Score: 18.7895

**(0)**

Precision: 36/36

Recall: 36/40

F-Score: 36

Overall Accuracy: 92.9825%

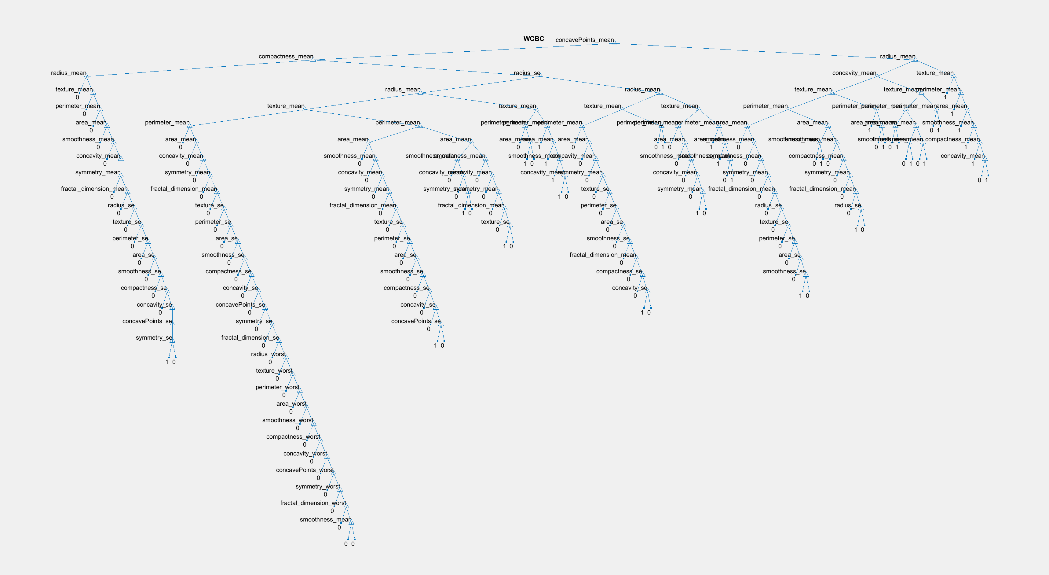
**Fold 8:**

Figure : Tree Created During Fold 8

**(1)**

Precision: 11/12

Recall: 11/13

F-Score: 11.4783

**(0)**

Precision: 43/45

Recall: 43/44

F-Score: 43.9773

Overall Accuracy: 94.7368%

**Fold 9:**

**(1)**

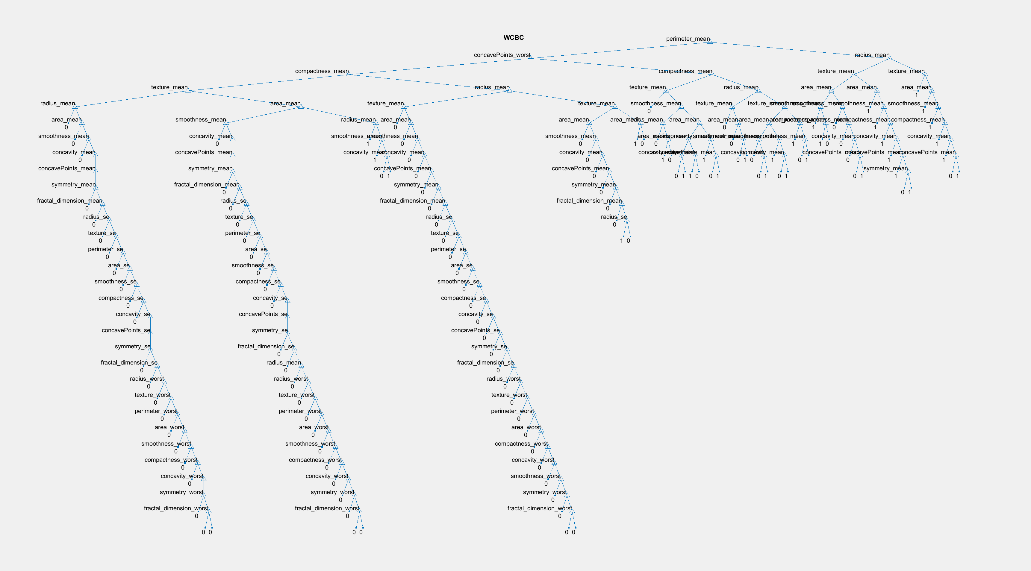
Precision: 13/21

Figure : Tree Created During Fold 9

Recall: 13/13

F-Score: 16.0588

**(0)**

Precision: 36/36

Recall: 36/44

F-Score: 36

Overall Accuracy: 85.9649%

**Fold 10:**

**(1)**

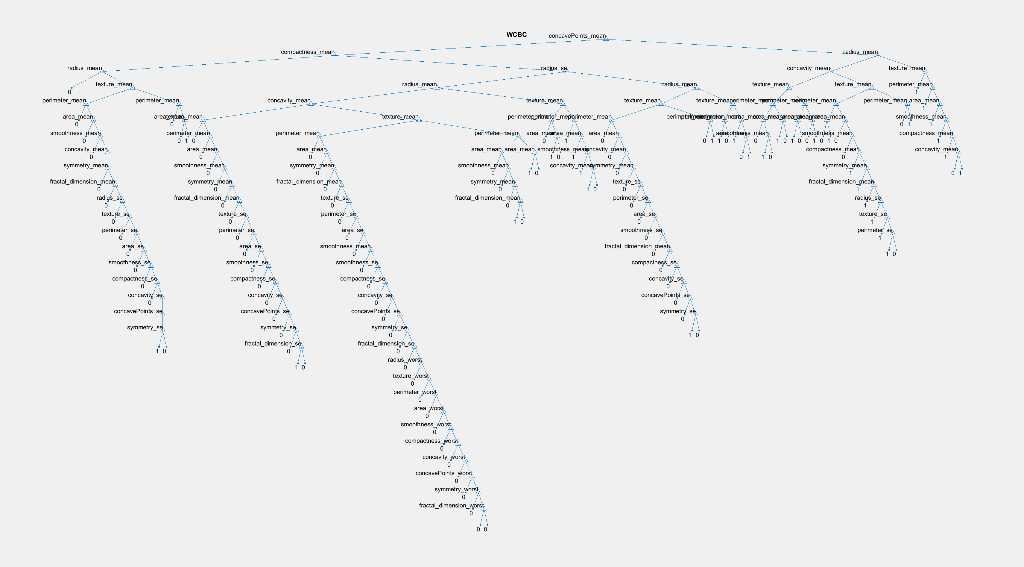
Precision: 9/11

Figure : Tree Created During Fold 10

Recall: 9/10

F-Score: 9.9000

**(0)**

Precision: 45/46

Recall: 45/47

F-Score: 45.4945

Overall Accuracy: 94.7368%