**Pumsb**

*d <- read.table("pumsb.dat")*

*d1 <- d[, 1:50]*

**Number of attributes = 74**

1. support = 0.1 and confidence = 0.8

> system.time(root <- generateMaspTree(data = d, support = 0.1, confidence = 0.8))

user system elapsed

32.500 0.000 32.425

> longestRuleSize(root)

[1] 29

2. support = 0.1 and confidence = 0.5

> system.time(root <- generateMaspTree(data = d, support = 0.1, confidence = 0.5))

user system elapsed

37.136 0.000 36.767

> longestRuleSize(root)

[1] 54

3. support = 0.1 and confidence = 0.25

> system.time(root <- generateMaspTree(data = d, support = 0.1, confidence = 0.25))

user system elapsed

37.428 0.000 37.075

> longestRuleSize(root)

[1] 54

4. support = 0.001 and confidence = 0.8

> system.time(root <- generateMaspTree(data = d, support = 0.001, confidence = 0.8))

user system elapsed

32.888 0.000 32.543

> longestRuleSize(root)

[1] 29

5. support = 0.001 and confidence = 0.5

> system.time(root <- generateMaspTree(data = d, support = 0.001, confidence = 0.5))

user system elapsed

38.528 0.000 38.204

> longestRuleSize(root)

[1] 70

6. support = 0.001 and confidence = 0.25

> system.time(root <- generateMaspTree(data = d, support = 0.001, confidence = 0.25))

user system elapsed

59.004 0.000 58.704

> longestRuleSize(root)

[1] 73

**Number of attributes = 50 (First 50)**

1. support = 0.1 and confidence = 0.8

> system.time(root <- generateMaspTree(data = d1, support = 0.1, confidence = 0.8))

user system elapsed

16.992 0.000 16.714

> longestRuleSize(root)

[1] 20

2. support = 0.1 and confidence = 0.5

> system.time(root <- generateMaspTree(data = d1, support = 0.1, confidence = 0.5))

user system elapsed

19.976 0.000 19.725

> longestRuleSize(root)

[1] 30

3. support = 0.1 and confidence = 0.25

> system.time(root <- generateMaspTree(data = d1, support = 0.1, confidence = 0.25))

user system elapsed

20.252 0.000 20.000

> longestRuleSize(root)

[1] 30

4. support = 0.001 and confidence = 0.8

> system.time(root <- generateMaspTree(data = d1, support = 0.001, confidence = 0.8))

user system elapsed

17.112 0.000 16.894

> longestRuleSize(root)

[1] 20

5. support = 0.001 and confidence = 0.5

> system.time(root <- generateMaspTree(data = d1, support = 0.001, confidence = 0.5))

user system elapsed

20.760 0.000 20.546

> longestRuleSize(root)

[1] 44

6. support = 0.001 and confidence = 0.25

> system.time(root <- generateMaspTree(data = d1, support = 0.001, confidence = 0.25))

user system elapsed

48.724 0.000 48.339

> longestRuleSize(root)

[1] 49

**Connect**

*d <- read.table("connect.dat")*

**Number of attributes = 43**

1. support = 0.1 and confidence = 0.8

> system.time(root <- generateMaspTree(data = d, support = 0.1, confidence = 0.8))

user system elapsed

22.056 0.000 22.026

> longestRuleSize(root)

[1] 27

2. support = 0.1 and confidence = 0.5

> system.time(root <- generateMaspTree(data = d, support = 0.1, confidence = 0.5))

user system elapsed

22.404 0.000 22.379

> longestRuleSize(root)

[1] 29

3. support = 0.1 and confidence = 0.25

> system.time(root <- generateMaspTree(data = d, support = 0.1, confidence = 0.25))

user system elapsed

22.380 0.000 22.356

> longestRuleSize(root)

[1] 29

4. support = 0.001 and confidence = 0.8

> system.time(root <- generateMaspTree(data = d, support = 0.001, confidence = 0.8))

user system elapsed

22.608 0.000 22.586

> longestRuleSize(root)

[1] 27

5. support = 0.001 and confidence = 0.5

> system.time(root <- generateMaspTree(data = d, support = 0.001, confidence = 0.5))

user system elapsed

22.972 0.000 22.946

> longestRuleSize(root)

[1] 37

6. support = 0.001 and confidence = 0.25

> system.time(root <- generateMaspTree(data = d, support = 0.001, confidence = 0.25))

user system elapsed

40.236 0.000 40.201

> longestRuleSize(root)

[1] 39

**Blog**

*d <- read.csv("blogData\_train.csv", header = FALSE)*

*d <- d[, 1:50]*

**Number of attributes: 50(First 50)**

1. support = 0.1 and confidence = 0.8

> system.time(root <- generateMaspTree(data = d, support = 0.1, confidence = 0.8))

user system elapsed

48.028 0.000 48.086

> longestRuleSize(root)

[1] 17

2. support = 0.1 and confidence = 0.5

> system.time(root <- generateMaspTree(data = d, support = 0.1, confidence = 0.5))

user system elapsed

51.732 0.008 51.709

> longestRuleSize(root)

[1] 34

3. support = 0.1 and confidence = 0.25

> system.time(root <- generateMaspTree(data = d, support = 0.1, confidence = 0.25))

user system elapsed

52.284 0.016 52.290

> longestRuleSize(root)

[1] 34

4. support = 0.001 and confidence = 0.8

> system.time(root <- generateMaspTree(data = d, support = 0.001, confidence = 0.8))

user system elapsed

47.688 0.016 47.693

> longestRuleSize(root)

[1] 17

5. support = 0.001 and confidence = 0.5

> system.time(root <- generateMaspTree(data = d, support = 0.001, confidence = 0.5))

user system elapsed

66.840 0.040 67.024

> longestRuleSize(root)

[1] 50

6. support = 0.001 and confidence = 0.25

> system.time(root <- generateMaspTree(data = d, support = 0.001, confidence = 0.25))

user system elapsed

151.480 0.332 151.724

> longestRuleSize(root)

[1] 59