

d01

C:Predicted	False	True	All
False	13	5	18
True	9	8	17
All	22	13	35

Accuracy: 60%

Fscore: 53%

Precision: 62%

Recall: 47%

C:Predicted	0	1	2	3	5	6	7	9	All
0	0	0	0	1	0	0	0	0	1
1	0	0	1	0	0	0	1	0	2
2	1	1	0	0	0	0	0	0	2
3	2	0	0	1	0	0	1	0	4
4	1	1	0	0	1	0	0	0	3
5	2	2	1	2	1	0	0	0	8
6	0	1	0	6	0	2	0	1	10
7	0	0	0	0	1	2	0	0	3
8	0	0	1	0	0	1	0	0	2
All	6	5	3	10	3	5	2	1	35

Error percent: 27%

d02

C:Predicted	False	True	All
False	7	1	8
True	19	8	27
All	26	9	35

Accuracy: 43%

Fscore: 44%

Precision: 89%

Recall: 30%

C:Predicted	0	1	2	3	4	5	6	7	All
0	1	0	0	0	0	2	0	0	3
1	0	1	0	1	0	0	0	0	2
2	0	1	0	3	0	0	0	0	4
3	2	1	0	3	0	0	0	0	6
4	1	0	0	2	1	1	1	0	6
5	0	0	1	3	0	1	0	1	6
6	0	0	0	2	0	1	1	0	4
7	0	0	0	1	0	0	1	0	2
8	0	0	1	0	0	0	0	0	1
9	0	0	1	0	0	0	0	0	1
All	4	3	3	15	1	5	3	1	35

Error percent: 20%

e01

C:Predicted	False	True	All
False	9	0	9
True	6	20	26
All	15	20	35

Accuracy: 83%

Fscore: 87%

Precision: 100%

Recall: 77%

C:Predicted	1	2	3	4	5	6	7	9	All
0	1	0	6	0	0	0	0	0	7
1	1	0	1	0	1	0	0	0	3
2	0	0	1	0	3	0	1	0	5
3	1	1	1	0	4	1	0	0	8
4	0	0	0	1	2	1	0	0	4
5	0	0	0	0	1	2	0	0	3
6	0	0	0	1	1	0	0	0	2
7	0	0	0	0	0	1	0	0	1
8	0	0	0	0	0	0	1	0	1
9	0	0	0	0	0	0	0	1	1
All	3	1	9	2	12	5	2	1	35

Error percent: 19%

e02

C:Predicted	False	True	All
False	14	1	15
True	1	19	20
All	15	20	35

Accuracy: 94%

Fscore: 95%

Precision: 95%

Recall: 95%

C:Predicted	0	1	3	4	6	7	8	9	10	All
0	5	1	2	1	0	0	0	0	0	9
1	1	1	3	1	0	0	0	0	0	6
2	0	0	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	1	0	1
4	0	0	0	1	1	0	2	0	0	4
5	0	0	0	0	0	0	2	0	0	2
6	0	0	0	0	2	1	2	2	0	7
7	0	0	0	0	0	2	1	0	0	3
8	0	0	0	0	0	0	0	0	1	1
9	0	0	0	0	0	1	0	0	0	1
All	6	2	6	3	3	4	7	3	1	35

Error percent: 17%

e03

C:Predicted	False	True	All
False	16	5	21
True	1	13	14
All	17	18	35

Accuracy: 83%

Fscore: 81%

Precision: 72%

Recall: 93%

C:Predicted	0	1	3	5	6	7	8	9	All
0	6	1	0	0	1	0	0	0	8
1	1	1	0	0	0	0	0	0	2
2	2	0	0	0	0	0	0	0	2
3	1	0	0	0	2	0	0	0	3
4	0	1	2	1	1	0	0	0	5
5	0	0	0	0	0	1	0	1	2
6	0	0	1	0	2	0	1	1	5
7	0	0	0	0	0	0	1	2	3
8	0	0	0	0	2	0	0	0	2
9	0	0	0	0	2	0	1	0	3
All	10	3	3	1	10	1	3	4	35

Error percent: 17%

e04

C:Predicted	False	True	All
False	8	1	9
True	3	23	26
All	11	24	35

Accuracy: 89%

Fscore: 92%

Precision: 96%

Recall: 88%

C:Predicted	0	1	2	3	5	6	7	8	9	All
0	2	1	1	0	0	0	0	0	0	4
1	1	0	0	1	0	0	0	0	0	2
2	2	1	0	0	0	0	0	0	0	3
3	0	1	0	1	0	0	2	0	0	4
4	0	0	0	0	0	1	0	0	0	1
5	0	0	0	1	0	0	1	0	0	2
6	0	0	0	0	0	1	1	2	0	4
7	0	1	0	0	2	2	2	0	0	7
8	0	0	0	0	0	0	0	1	0	1
9	0	0	0	0	0	1	1	0	2	4
10	0	0	0	0	0	0	0	1	2	3
All	5	4	1	3	2	5	7	4	4	35

Error percent: 15%

e05

C:Predicted	False	True	All
False	22	3	25
True	2	8	10
All	24	11	35

Accuracy: 86%

Fscore: 76%

Precision: 73%

Recall: 80%

C:Predicted	0	1	2	3	5	6	7	8	9	All
0	6	1	1	0	0	0	0	0	0	8
1	3	1	1	1	0	0	0	0	0	6
2	1	2	0	0	0	0	1	1	0	5
3	0	3	0	0	0	0	0	0	0	3
4	0	1	0	1	0	0	0	0	0	2
5	0	0	0	0	0	0	0	0	1	1
6	0	0	0	1	0	1	0	0	1	3
7	0	1	0	0	0	0	1	2	0	4
8	0	0	0	0	0	0	0	0	1	1
9	0	0	0	0	0	0	0	0	1	1
10	0	0	0	0	1	0	0	0	0	1
All	10	9	2	3	1	1	2	3	4	35

Error percent: 17%

e06

C:Predicted	False	True	All
False	17	3	20
True	5	10	15
All	22	13	35

Accuracy: 77%

Fscore: 71%

Precision: 77%

Recall: 67%

C:Predicted	0	1	2	3	4	5	6	7	8	9	All
0	9	2	0	3	1	0	0	0	0	0	15
1	0	0	0	1	0	0	0	0	0	0	1
2	0	0	0	1	0	0	0	0	0	0	1
3	2	0	0	1	0	0	1	0	0	0	4
4	0	0	0	0	0	0	1	0	1	0	2
5	1	0	1	1	0	0	1	0	0	1	5
6	0	0	0	0	0	2	1	0	0	0	3
7	0	0	0	1	0	0	1	0	1	0	3
8	0	0	0	0	0	0	0	1	0	0	1
All	12	2	1	8	1	2	5	1	2	1	35

Error percent: 16%

e07

C:Predicted	False	True	All
False	14	0	14
True	10	11	21
All	24	11	35

Accuracy: 71%

Fscore: 69%

Precision: 100%

Recall: 52%

C:Predicted	0	1	2	3	4	5	6	9	10	All
0	8	3	1	0	0	0	0	0	0	12
1	1	0	0	0	0	0	0	0	0	1
2	2	1	1	0	1	0	0	0	0	5
3	0	2	0	1	0	0	0	1	1	5
4	0	1	0	0	0	0	0	0	0	1
5	1	0	0	1	0	0	0	1	0	3
6	0	0	0	0	0	0	0	1	2	3
7	0	0	0	0	0	2	0	0	0	2
8	0	0	0	0	0	0	1	2	0	3
All	12	7	2	2	1	2	1	5	3	35

Error percent: 18%

e08

C:Predicted	False	True	All
False	12	1	13
True	10	12	22
All	22	13	35

Accuracy: 69%

Fscore: 69%

Precision: 92%

Recall: 55%

C:Predicted	0	1	2	3	4	5	6	8	9	All
0	3	0	0	1	1	0	0	0	0	5
3	3	0	0	1	0	0	0	0	0	4
4	0	1	0	0	0	0	0	0	0	1
5	3	1	1	2	0	0	2	0	0	9
6	1	0	0	0	0	0	0	0	0	1
7	0	1	0	0	0	0	1	0	1	3
8	0	0	0	0	0	0	0	0	1	1
9	0	0	0	1	0	0	0	0	0	1
10	0	0	0	3	0	1	0	1	5	10
All	10	3	1	8	1	1	3	1	7	35

Error percent: 29%

e09

C:Predicted	False	True	All
False	22	0	22
True	3	10	13
All	25	10	35

Accuracy: 91%

Fscore: 87%

Precision: 100%

Recall: 77%

C:Predicted	0	1	2	3	5	7	9	All
0	13	3	1	0	0	0	0	17
1	3	1	0	0	0	0	0	4
3	1	0	0	0	0	0	0	1
5	0	2	0	1	0	2	0	5
6	0	0	0	0	1	0	0	1
7	0	0	0	0	0	1	0	1
8	0	0	0	0	0	2	2	4
9	0	0	0	0	0	1	0	1
10	0	0	0	0	0	0	1	1
All	17	6	1	1	1	6	3	35

Error percent: 9%

e10

C:Predicted	False	True	All
False	14	6	20
True	0	15	15
All	14	21	35

Accuracy: 83%

Fscore: 83%

Precision: 71%

Recall: 100%

C:Predicted	0	1	2	3	4	5	6	7	8	9	All
1	1	0	1	1	0	0	0	0	0	0	3
2	1	1	0	1	0	2	0	0	1	0	6
3	2	2	1	2	0	1	0	1	0	0	9
4	0	0	0	0	0	2	0	0	0	0	2
5	0	0	0	0	1	2	1	0	0	0	4
6	0	0	0	0	0	2	0	2	1	0	5
7	0	0	0	0	0	0	0	1	0	0	1
8	0	0	0	0	0	0	0	0	0	2	2
9	0	0	0	0	0	0	0	0	0	2	2
10	0	0	0	0	0	0	0	0	1	0	1
All	4	3	2	4	1	9	1	4	3	4	35

Error percent: 15%

e11

C:Predicted	False	True	All
False	5	6	11
True	2	22	24
All	7	28	35

Accuracy: 77%

Fscore: 85%

Precision: 79%

Recall: 92%

C:Predicted	2	4	5	6	7	8	All
0	0	0	1	1	0	0	2
1	1	2	2	0	0	0	5
2	0	1	0	1	0	0	2
3	0	1	1	0	0	0	2
5	0	1	0	0	2	0	3
6	0	0	1	2	2	1	6
7	0	0	0	0	5	0	5
8	0	0	0	1	3	0	4
9	0	0	1	1	3	0	5
10	0	0	0	0	1	0	1
All	1	5	6	6	16	1	35

Error percent: 19%

e12

C:Predicted	False	True	All
False	20	0	20
True	14	1	15
All	34	1	35

Accuracy: 60%

Fscore: 12%

Precision: 100%

Recall: 7%

C:Predicted	0	1	2	3	5	9	All
0	10	1	0	0	0	0	11
1	8	0	0	1	0	0	9
2	1	2	0	0	0	0	3
3	2	0	0	0	0	0	2
4	4	0	1	0	0	0	5
7	1	1	0	0	0	0	2
8	0	0	0	0	1	0	1
9	1	0	0	0	0	1	2
All	27	4	1	1	1	1	35

Error percent: 18%

e13

C:Predicted	False	True	All
False	9	0	9
True	5	21	26
All	14	21	35

Accuracy: 86%

Fscore: 89%

Precision: 100%

Recall: 81%

C:Predicted	0	1	2	3	4	5	6	7	9	All
0	3	0	0	1	0	0	0	0	0	4
1	0	0	3	0	0	0	0	0	0	3
2	0	0	0	0	1	0	0	0	0	1
3	0	0	1	0	0	0	0	0	0	1
4	3	0	0	0	0	0	0	0	0	3
5	0	0	0	0	0	0	0	2	0	2
6	0	0	1	0	0	2	0	0	1	4
7	0	1	1	0	0	0	0	1	0	3
8	0	0	0	0	0	1	1	3	1	6
9	0	0	0	0	0	1	1	2	1	5
10	0	0	0	0	0	0	0	3	0	3
All	6	1	6	1	1	4	2	11	3	35

Error percent: 21%

e14

C:Predicted	False	True	All
False	17	0	17
True	1	17	18
All	18	17	35

Accuracy: 97%

Fscore: 97%

Precision: 100%

Recall: 94%

C:Predicted	0	1	2	3	5	6	7	8	9	10	All
0	5	1	0	1	0	0	0	0	0	0	7
1	2	2	0	1	0	0	1	0	0	0	6
2	0	1	2	0	0	0	0	0	0	0	3
3	0	0	0	0	0	0	0	0	1	0	1
4	0	1	0	0	0	0	0	0	0	0	1
5	0	0	0	1	1	1	1	0	2	0	6
6	0	0	0	0	1	0	0	0	2	0	3
7	0	0	0	0	0	0	0	0	1	1	2
8	0	0	0	0	0	0	0	2	2	0	4
9	0	0	0	0	0	0	0	0	1	1	2
All	7	5	2	3	2	1	2	2	9	2	35

Error percent: 15%

e15

C:Predicted	False	True	All
False	2	1	3
True	15	17	32
All	17	18	35

Accuracy: 54%

Fscore: 68%

Precision: 94%

Recall: 53%

C:Predicted	0	1	3	5	6	8	9	All
2	3	1	0	0	0	0	0	4
3	1	1	1	0	0	0	1	4
4	2	0	0	0	0	0	0	2
5	1	0	1	0	0	0	0	2
6	0	3	2	0	0	0	0	5
7	0	0	4	1	0	0	2	7
8	0	0	2	0	2	3	1	8
9	0	0	1	0	0	1	1	3
All	7	5	11	1	2	4	5	35

Error percent: 28%

e16

C:Predicted	False	True	All
False	10	8	18
True	1	16	17
All	11	24	35

Accuracy: 74%

Fscore: 78%

Precision: 67%

Recall: 94%

C:Predicted	0	1	2	3	4	5	6	7	8	9	All
0	2	1	2	1	1	0	0	0	0	0	7
1	0	0	2	0	0	1	1	1	0	0	5
2	1	0	0	2	1	0	1	0	0	0	5
3	0	0	0	0	0	0	0	0	1	0	1
4	0	0	1	1	1	0	0	2	1	0	6
5	0	0	0	0	0	0	1	2	2	1	6
6	0	0	0	0	0	0	0	0	0	2	2
7	0	0	0	0	0	0	0	1	0	1	2
8	0	0	0	0	0	0	0	0	0	1	1
All	3	1	5	4	3	1	3	6	4	5	35

Error percent: 23%

e17

C:Predicted	False	True	All
False	13	5	18
True	6	11	17
All	19	16	35

Accuracy: 69%

Fscore: 67%

Precision: 69%

Recall: 65%

C:Predicted	0	1	2	3	4	5	6	7	9	All
0	0	1	1	0	0	1	1	0	0	4
1	0	0	0	2	0	0	0	0	0	2
2	1	2	0	0	1	0	0	0	0	4
3	0	4	1	2	1	0	0	0	0	8
4	0	1	0	1	1	1	0	1	0	5
5	0	0	0	3	1	0	1	0	0	5
6	0	1	0	0	2	0	2	0	0	5
7	0	0	0	1	0	0	0	0	1	2
All	1	9	2	9	6	2	4	1	1	35

Error percent: 19%

e21

C:Predicted	False	True	All
False	13	5	18
True	5	12	17
All	18	17	35

Accuracy: 71%

Fscore: 71%

Precision: 71%

Recall: 71%

C:Predicted	0	1	2	3	4	5	6	7	All
0	2	2	0	0	0	0	0	0	4
1	1	2	0	1	0	1	0	1	6

C:Predicted	0	1	2	3	4	5	6	7	All
2	1	1	1	1	0	0	0	0	4
3	1	1	0	1	0	0	0	0	3
4	0	1	0	2	0	1	1	0	5
5	0	1	0	0	0	0	0	0	1
6	0	1	0	1	1	1	2	2	8
7	0	0	0	0	0	0	1	2	3
8	0	0	0	0	0	0	0	1	1
All	5	9	1	6	1	3	4	6	35

Error percent: 15%

all_usr

C:Predicted	False	True	All
False	257	51	308
True	118	274	392
All	375	325	700

Accuracy: 76%

Fscore: 76%

Precision: 84%

Recall: 70%

C:Predicted	0	1	2	3	4	5	6	7	8	9	10	All
0	75	19	7	16	4	4	3	0	0	0	0	128
1	22	10	9	14	3	5	1	4	0	0	0	68
2	16	14	4	10	5	5	2	2	2	0	0	60
3	17	16	4	15	2	6	4	4	1	4	1	74
4	11	8	2	9	5	9	7	3	4	0	0	58
5	8	6	4	16	3	6	9	12	4	7	0	75
6	1	6	1	13	4	12	16	8	7	11	2	81
7	1	5	1	7	0	6	9	16	5	8	1	59
8	0	0	2	2	0	2	8	11	6	13	1	45
9	1	0	1	2	0	2	5	8	2	10	1	32
10	0	0	0	3	0	2	0	4	3	8	0	20
All	152	84	35	107	26	59	64	72	34	61	6	700

Error percent: 19%