USING MLP

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TRAINING SAMPLES | TEST SAMPLES | TAR | FRR | TRR | FAR |
| 5+5 per person(G+F) | 15+15 | 60.70 | 39.29 | 80.35 | 19.64 |
| 10+10 per person(G+F) | |  | | --- | | 10+10 G+F | | 10+10 G+G | | 10+10 F+F | | |  | | --- | | 94.73 | | 95.78 | | nil | | |  | | --- | | 5.26 | | 4.21 | | nil | | |  | | --- | | 91.05 | | nil | | 97.89 | | |  | | --- | | 8.94 | | nil | | 2.10 | |
| 15+15 per person(G+F) | 5+5 | 90.52 | 9.47 | 84.21 | 15.78 |

USING SVM

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TRAINING SAMPLES | TEST SAMPLES | TAR | FRR | TRR | FAR |
| 5+5 per person(G+F) | 15+15 | 88.77 | 11.22 | 87.71 | 12.28 |
| 10+10 per person(G+F) | |  | | --- | | 10+10 G+F | | 10+10 G+G | | 10+10 F+F | | |  | | --- | | 94.21 | | 97.1 | | Nil | | |  | | --- | | 5.78 | | 2.89 | | nil | | |  | | --- | | 87.36 | | nil | | 98.15 | | |  | | --- | | 12.63 | | nil | | 1.84 | |
| 15+15 per person(G+F) | 55 | 92.63 | 7.36 | 78.94 | 21.05 |

G+F=genuine+forgery