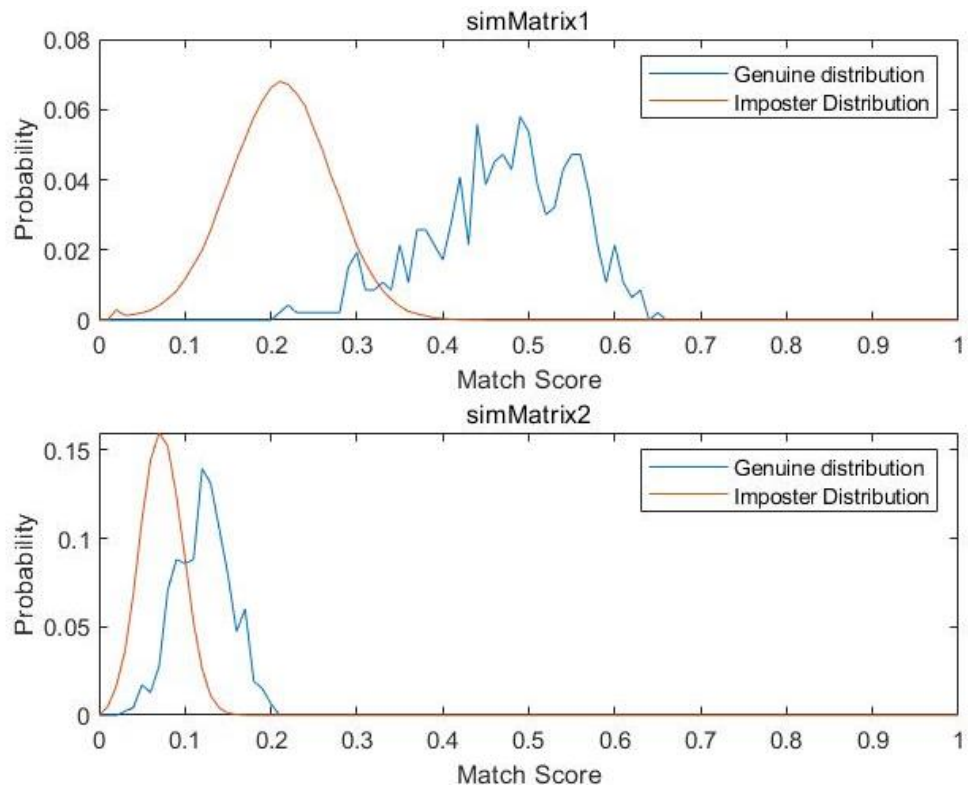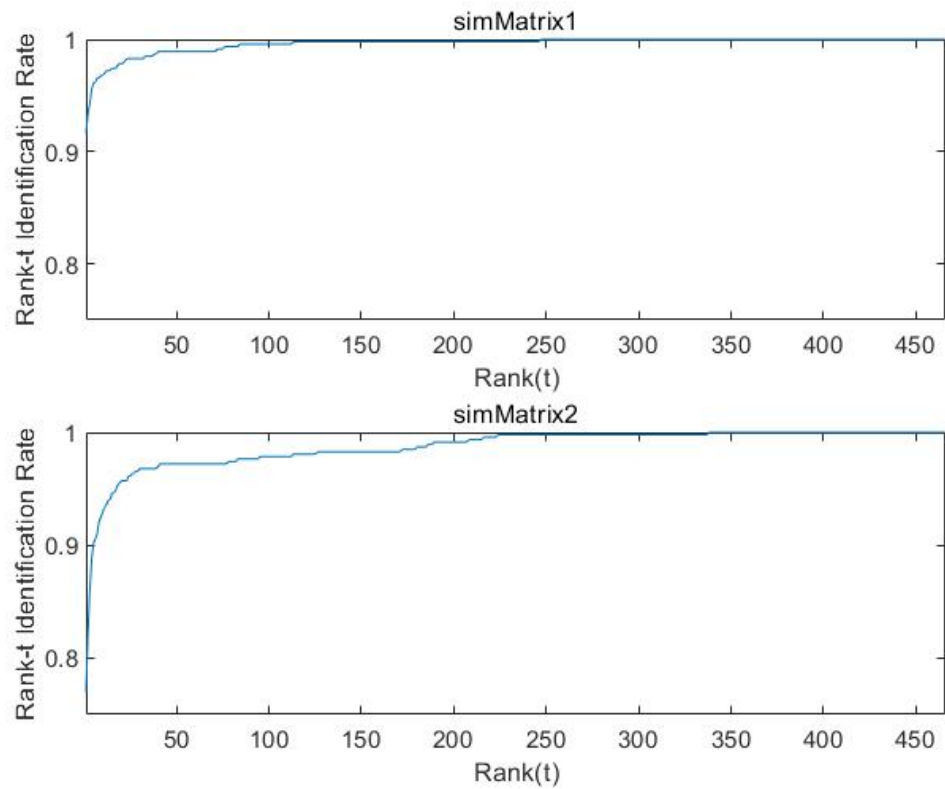(a)
Genuine and impostor score distributions:

(b)
Cumulative Match Characteristic curves:

(c)
Decidability index:
simMatrix1: 3.513943460450346
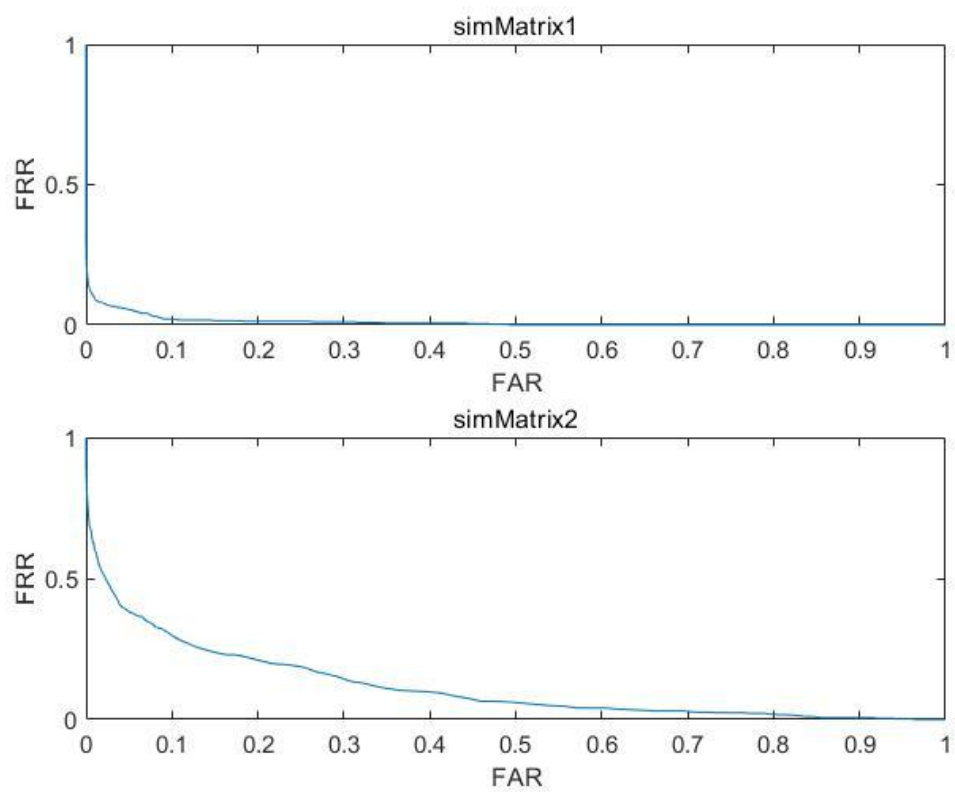simMatrix2: 1.710510810689383

(d)
The lowest rank at which the system achieves performance greater than 70%:
simMatrix1: Rank-1
simMatrix2: Rank-1

(e)
Receiver Operating Curves:

(f)Equal error rate
simMatrix1:
EER: 0.053565
Operating point: 0.3000

simMatrix2:
EER: 0.205916
Operating point: 0.0880

(g)

simMatrix1:

FAR	1%	5%	10%	20%
FRR	9.23%	5.36%	2.15%	1.29%

simMatrix2:

FAR	1%	5%	10%	20%
FRR	60.30%	37.98%	29.40%	21.26%

(h)

System 1.

1) System 1 has lesser overlap in genuine and impostor score distributions.
2) The cumulative match characteristic curve of system 1 rises faster.
3) System 1 has higher d-prime value.
4) System 1 has a more ideal ROC curve.
5) System 1 has a smaller equal error rate.
6) System 1 has a lower FRR value than system 2 when having the same FAR value.