

```
1 C:\WORK\RA\MAIN\venv\Scripts\python.exe C:/WORK/RA/
  MAIN/S3/evaluate.py
2 read from : output/
  eval_seq_graph_testing_preprocessed_logs_S3-CVE-2017-
  11882_windows.dot.txt.json
3 -----
4 Cleaned predicted entities:
5 {'0xalsaheel.com': 1.0, 'c:/users/aalsahee/payload.
  exe': 0.9907852411270142, 'c:/users/aalsahee/payload.
  exe_3284': 0}
6 -----
7 read from : output/
  eval_seq_graph_testing_preprocessed_logs_S3-CVE-2017-
  11882_windows.dot.txt.json
8 wrote plot data to :output/plot_data_S3-CVE-2017-
  11882_windows.json
9 Logistic: f1=0.348 auc=0.670
10 Logistic: f1=0.837 auc=0.876
11 No Skill: ROC AUC=0.500
12 Logistic: ROC AUC=0.670
13 Lines No Skill: ROC AUC=0.500
14 Lines Logistic: ROC AUC=0.876
15 Number of normal unique processes: 25
16 Number of normal unique files: 5030
17 Number of normal unique domain_names: 91
18 Number of normal unique ip_addreses: 143
19 Number of normal unique sockets_send_recv: 1353
20 Number of normal unique urls: 723
21 Number of normal processes triggers: 113933
22 Number of normal files accessed: 78899
23 Number of normal domain names queried: 972
24 Number of normal ip_addreses connected: 5946
25 Number of normal sockets_send_recv triggered: 1353
26 Number of normal urls requested: 2161
27
28 ## Info (entity) ##
29 Number of unique entities: 752
30 Number of malicious entities: 19
31 ## Result (entity) ##
32 TP: 4
33 TN: 733
```

```
34 FP: 0
35 FN: 15
36
37 ## Info (event) ##
38 Number of events: 128317
39 Number of malicious events: 5172
40 ## Result (event) ##
41 TP: 4331
42 TN: 123145
43 FP: 0
44 FN: 841
45
46 Process finished with exit code 0
47
```