```
C:\Users\islab\anaconda3\envs\pytorch1\python.exe D:\UULi\test_code\k_arm_test\main.py
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000000----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['5-4']
***Trigger Reverse Engineering開始***
Target: 5, victim: 4, Loss: 2.8988, Acc: 100.00%, CE_Loss: 0.26, Reg_Loss:521.29, Cost:0.01 best_reg:526.96 avg_loss_reg:526.96:  17%|██        | 166/1000 [15:08<1:16:05,  5.47s/it]
early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 5 Victim Class: 4 Trigger Size: 521.2872314453125 Optimization Steps: 167
***Symmetric Check開始***
Target: 4, victim: 5, Loss: 2.0160, Acc: 95.00%, CE_Loss: 0.16, Reg_Loss:549.17, Cost:0.00 best_reg:546.52 avg_loss_reg:537.77: 100%|██████████| 167/167 [15:08<00:00,  5.44s/it]
***Symmetric Check結束***
********************檢測結束********************
檢測結果: Model是安全的(Benign)
整體耗時: 1828.0326843261719
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000001----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['0-2', '2-0', '2-3', '3-2', '4-5', '5-4', '6-7', '6-9', '6-10', '7-3', '7-6', '7-8', '9-10', '10-9']
***Trigger Reverse Engineering開始***
Target: 10, victim: 9, Loss: 2.6449, Acc: 100.00%, CE_Loss: 0.18, Reg_Loss:144.07, Cost:0.02 best_reg:144.57 avg_loss_reg:144.57:  38%|████      | 379/1000 [05:31<09:03,  1.14it/s]
early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 10 Victim Class: 9 Trigger Size: 144.07437133789062 Optimization Steps: 115
***Symmetric Check開始***
Target: 9, victim: 10, Loss: 2.8582, Acc: 100.00%, CE_Loss: 0.21, Reg_Loss:154.79, Cost:0.02 best_reg:155.20 avg_loss_reg:155.20:  97%|██████████| 111/115 [01:41<00:03,  1.09it/s]
early stop 所有
***Symmetric Check結束***
********************檢測結束********************
檢測結果: Model是安全的(Benign)
整體耗時: 438.7777588367462
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000002----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['0-3', '1-2', '1-12', '1-10', '2-3', '2-12', '2-17', '3-2', '5-13', '6-7', '7-8', '7-17', '9-3', '10-20', '12-2', '12-10', '12-11', '14-22', '14-11', '14-13', '15-13', '17-18', '18-12', '18-17', '19-21', '20-21', '21-17', '22-12', '22-13']
***Trigger Reverse Engineering開始***
Target: 7, victim: 8, Loss: 0.9026, Acc: 100.00%, CE_Loss: 0.09, Reg_Loss:106.76, Cost:0.01 best_reg:109.69 avg_loss_reg:102.98:  54%|█████▍    | 543/1000 [14:25<12:08,  1.59s/it]
  0%|          | 0/132 [00:00<?, ?it/s]early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 7 Victim Class: 8 Trigger Size: 106.75656127929688 Optimization Steps: 132
***Symmetric Check開始***
Target: 8, victim: 7, Loss: 2.9204, Acc: 100.00%, CE_Loss: 0.22, Reg_Loss:237.02, Cost:0.01 best_reg:238.02 avg_loss_reg:238.02:  88%|████████▊ | 116/132 [03:06<00:25,  1.61s/it]
early stop 所有
***Symmetric Check結束***
********************檢測結束********************
檢測結果: Model是安全的(Benign)
整體耗時: 1061.8687117099762
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000003----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['0-5', '3-2']
***Trigger Reverse Engineering開始***
Target: 3, victim: 2, Loss: 8.2946, Acc: 0.00%, CE_Loss: 8.29, Reg_Loss:2535.91, Cost:0.00 best_reg:10000000000.00 avg_loss_reg:2525.93:   2%|▏         | 21/1000 [00:17<13:37,  1.20it/s]
***Trigger Reverse Engineering結束***
Target Class: 0 Victim Class: 5 Trigger Size: 10000000000.0 Optimization Steps: 11
********************檢測結束********************
檢測結果: Model是安全的(Benign)
整體耗時: 19.049510955810547
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000004----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['3-2']
***Trigger Reverse Engineering開始***
Target: 3, victim: 2, Loss: 1.5353, Acc: 100.00%, CE_Loss: 0.05, Reg_Loss:87.05, Cost:0.02 best_reg:87.07 avg_loss_reg:87.07:  13%|█         | 126/1000 [11:52<1:22:19,  5.65s/it]
early stop 所有
```

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***Trigger Reverse Engineering結束***
Target Class: 3 Victim Class: 2 Trigger Size: 87.04647827148438 Optimization Steps: 127
***Symmetric Check開始***
Target: 2, victim: 3, Loss: 1.4612, Acc: 95.00%, CE_Loss: 0.18, Reg_Loss:568.07, Cost:0.00 best_reg:575.05 avg_loss_reg:562.62: 100%|[redacted]| 127/127 [11:50<00:00,  5.60s/it]
***Symmetric Check結束***
********************檢測結束********************
檢測結果: Model是安全的(Benign)
整體耗時: 1433.9627795219421
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000005----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['5-2']
***Trigger Reverse Engineering開始***
Target: 5, victim: 2, Loss: 1.9492, Acc: 100.00%, CE_Loss: 0.33, Reg_Loss:319.00, Cost:0.01 best_reg:319.39 avg_loss_reg:319.39:  18%|[redacted]| 175/1000 [09:55<46:46,  3.40s/it]
early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 5 Victim Class: 2 Trigger Size: 319.00030517578125 Optimization Steps: 176
***Symmetric Check開始***
Target: 2, victim: 5, Loss: 1.1515, Acc: 100.00%, CE_Loss: 0.16, Reg_Loss:993.02, Cost:0.00 best_reg:980.25 avg_loss_reg:991.94: 100%|[redacted]| 176/176 [10:03<00:00,  3.43s/it]
***Symmetric Check結束***
********************檢測結束********************
檢測結果: Model是安全的(Benign)
整體耗時: 1203.3482065200806
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000006----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
***檢測結束***
檢測結果: Model是安全的(Benign)
整體耗時: 19.139132976531982
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000007----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['0-1', '4-7', '7-4']
***Trigger Reverse Engineering開始***
Target: 4, victim: 7, Loss: 1.1134, Acc: 100.00%, CE_Loss: 0.07, Reg_Loss:206.65, Cost:0.01 best_reg:206.88 avg_loss_reg:206.88:  17%|[redacted]| 170/1000 [16:18<1:19:35,  5.75s/it]
early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 4 Victim Class: 7 Trigger Size: 206.64797973632812 Optimization Steps: 119
***Symmetric Check開始***
Target: 7, victim: 4, Loss: 0.7029, Acc: 100.00%, CE_Loss: 0.05, Reg_Loss:3297.04, Cost:0.00 best_reg:3403.85 avg_loss_reg:3403.85: 100%|[redacted]| 119/119 [10:56<00:00,  5.52s/it]
***Symmetric Check結束***
********************檢測結束********************
檢測結果: Model含有後門(Abnormal)
整體耗時: 1646.9690775871277
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000008----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
***檢測結束***
檢測結果: Model是安全的(Benign)
整體耗時: 4.998541831970215
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000009----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['0-18', '0-19', '2-5', '2-12', '3-1', '5-6', '7-11', '8-7', '9-10', '10-7', '11-7', '12-5', '14-0', '14-13', '15-16', '16-15']
***Trigger Reverse Engineering開始***
Target: 11, victim: 7, Loss: 1.8813, Acc: 100.00%, CE_Loss: 0.19, Reg_Loss:500.77, Cost:0.00 best_reg:501.31 avg_loss_reg:494.99:  56%|[redacted]| 565/1000 [32:31<25:02,  3.45s/it]
early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 11 Victim Class: 7 Trigger Size: 500.76812744140625 Optimization Steps: 235
***Symmetric Check開始***
Target: 7, victim: 11, Loss: 2.6858, Acc: 100.00%, CE_Loss: 0.18, Reg_Loss:330.01, Cost:0.01 best_reg:330.40 avg_loss_reg:330.40:  65%|[redacted]| 153/235 [08:42<04:39,  3.41s/it]
early stop 所有
***Symmetric Check結束***
********************檢測結束********************
檢測結果: Model是安全的(Benign)
整體耗時: 2486.373532295227
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000010----------------------------------------
***Pre-Screening開始***
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***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['12-11', '13-11', '13-12']
***Trigger Reverse Engineering開始***
Target: 13, victim: 11, Loss: 6.7275, Acc: 100.00%, CE_Loss: 0.35, Reg_Loss:373.24, Cost:0.02 best_reg:373.34 avg_loss_reg:373.34:  20%|██        | 201/1000 [06:26<25:37,  1.92s/it]
early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 13 Victim Class: 11 Trigger Size: 373.2357482910156 Optimization Steps: 138
***Symmetric Check開始***
Target: 11, victim: 13, Loss: 4.6726, Acc: 100.00%, CE_Loss: 0.22, Reg_Loss:260.59, Cost:0.02 best_reg:261.16 avg_loss_reg:261.16:  98%|██████████| 135/138 [04:24<00:05,  1.96s/it]
early stop 所有
***Symmetric Check結束***
********************檢測結束**********************
檢測結果: Model是安全的(Benign)
整體耗時: 658.0319101810455
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000011----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['1-2', '3-5', '5-4', '6-7', '7-6', '8-0']
***Trigger Reverse Engineering開始***
Target: 5, victim: 4, Loss: 0.2802, Acc: 100.00%, CE_Loss: 0.09, Reg_Loss:127.35, Cost:0.00 best_reg:129.03 avg_loss_reg:129.03:  45%|████▌     | 454/1000 [07:57<09:33,  1.05s/it]
early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 5 Victim Class: 4 Trigger Size: 127.34649658203125 Optimization Steps: 220
***Symmetric Check開始***
Target: 4, victim: 5, Loss: 1.6129, Acc: 100.00%, CE_Loss: 0.61, Reg_Loss:447.69, Cost:0.00 best_reg:448.17 avg_loss_reg:447.04:  65%|██████▌   | 144/220 [02:31<01:19,  1.05s/it]
early stop 所有
***Symmetric Check結束***
********************檢測結束**********************
檢測結果: Model是安全的(Benign)
整體耗時: 633.8264319896698
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000012----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['17-15']
***Trigger Reverse Engineering開始***
Target: 17, victim: 15, Loss: 1.5459, Acc: 100.00%, CE_Loss: 0.13, Reg_Loss:627.78, Cost:0.00 best_reg:629.12 avg_loss_reg:629.12:  16%|█▌        | 160/1000 [07:51<41:13,  2.94s/it]
early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 17 Victim Class: 15 Trigger Size: 627.7823486328125 Optimization Steps: 161
***Symmetric Check開始***
Target: 15, victim: 17, Loss: 2.9128, Acc: 100.00%, CE_Loss: 0.16, Reg_Loss:815.06, Cost:0.00 best_reg:825.44 avg_loss_reg:809.51:  89%|████████▉ | 143/161 [07:02<00:53,  2.96s/it]
early stop 所有
***Symmetric Check結束***
********************檢測結束**********************
檢測結果: Model是安全的(Benign)
整體耗時: 906.0731518268585
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000013----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['1-8', '2-1', '2-6']
***Trigger Reverse Engineering開始***
Target: 2, victim: 6, Loss: 9.8620, Acc: 0.00%, CE_Loss: 9.86, Reg_Loss:2546.91, Cost:0.00 best_reg:10000000000.00 avg_loss_reg:2532.89:   3%|▎         | 32/1000 [00:18<09:33,  1.69it/s]
***Trigger Reverse Engineering結束***
Target Class: 1 Victim Class: 8 Trigger Size: 10000000000.0 Optimization Steps: 11
********************檢測結束**********************
檢測結果: Model是安全的(Benign)
整體耗時: 20.944751262664795
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000014----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
***檢測結束***
檢測結果: Model是安全的(Benign)
整體耗時: 8.4910147190094
----------------------------------------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000015----------------------------------------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
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可能的 target-victim 配對: ['1-2', '4-5', '5-0', '5-4']
***Trigger Reverse Engineering開始***
Target: 1, victim: 2, Loss: 1.1347, Acc: 100.00%, CE_Loss: 0.08, Reg_Loss:207.85, Cost:0.01 best_reg:209.77 avg_loss_reg:209.77:  20%|▉                   | 203/1000 [11:41<45:53,  3.45s/it]
early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 1 Victim Class: 2 Trigger Size: 207.8491821289625 Optimization Steps: 138
***Symmetric Check開始***
Target: 2, victim: 1, Loss: 1.8537, Acc: 95.00%, CE_Loss: 0.18, Reg_Loss:220.78, Cost:0.01 best_reg:231.45 avg_loss_reg:221.73: 100%|██████████| 138/138 [07:50<00:00,  3.41s/it]
***Symmetric Check結束***
**********檢測結束**********
檢測結果: Model是安全的(Benign)
整體耗時: 1178.2650334835052
----------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000016----------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Universal Backdoor Attack
可能的 target class: 14
可能的 victim classes: ALL
***Trigger Reverse Engineering開始***
Target: 14, victim: 7, Loss: 1.4256, Acc: 100.00%, CE_Loss: 0.00, Reg_Loss:187.59, Cost:0.01 best_reg:186.69 avg_loss_reg:187.42:  10%|▊                   | 103/1000 [53:13<7:43:33, 31.01s/it]
early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 14 Victim Class: all Trigger Size: 186.6862030029297 Optimization Steps: 104
**********檢測結束**********
檢測結果: Model含有後門(Abnormal)
整體耗時: 3202.830800294876
----------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000017----------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['1-0', '7-4', '9-7', '9-10', '10-9', '10-14', '11-12', '13-2']
***Trigger Reverse Engineering開始***
Target: 10, victim: 9, Loss: 4.2454, Acc: 100.00%, CE_Loss: 0.28, Reg_Loss:348.40, Cost:0.01 best_reg:348.97 avg_loss_reg:348.97:  23%|█▊                  | 228/1000 [02:59<10:06,  1.27it/s]
early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 10 Victim Class: 9 Trigger Size: 348.4041137695313 Optimization Steps: 119
***Symmetric Check開始***
Target: 9, victim: 10, Loss: 3.4414, Acc: 90.00%, CE_Loss: 0.27, Reg_Loss:278.01, Cost:0.01 best_reg:282.17 avg_loss_reg:282.17: 100%|██████████| 119/119 [01:34<00:00,  1.26it/s]
***Symmetric Check結束***
**********檢測結束**********
檢測結果: Model是安全的(Benign)
整體耗時: 278.30059480667114
----------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000018----------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['3-7', '3-6', '3-5']
***Trigger Reverse Engineering開始***
Target: 3, victim: 5, Loss: 1.4272, Acc: 100.00%, CE_Loss: 0.03, Reg_Loss:10.75, Cost:0.13 best_reg:11.96 avg_loss_reg:11.96:  10%|▊                   | 100/1000 [00:30<04:30,  3.32it/s]
early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 3 Victim Class: 5 Trigger Size: 10.745586395263672 Optimization Steps: 65
***Symmetric Check開始***
Target: 5, victim: 3, Loss: 18.6709, Acc: 100.00%, CE_Loss: 0.29, Reg_Loss:1613.43, Cost:0.01 best_reg:1688.66 avg_loss_reg:1688.66: 100%|██████████| 65/65 [00:19<00:00,  3.36it/s]
***Symmetric Check結束***
**********檢測結束**********
檢測結果: Model含有後門(Abnormal)
整體耗時: 53.77509522438049
----------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000019----------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['4-5', '6-0', '6-12', '8-0', '12-15', '14-0', '15-12']
***Trigger Reverse Engineering開始***
Target: 4, victim: 5, Loss: 4.5719, Acc: 100.00%, CE_Loss: 0.19, Reg_Loss:256.20, Cost:0.02 best_reg:263.84 avg_loss_reg:261.74:  24%|▊                   | 240/1000 [21:12<1:07:09,  5.30s/it]
early stop 所有
***Trigger Reverse Engineering結束***
Target Class: 4 Victim Class: 5 Trigger Size: 256.1980895996094 Optimization Steps: 123
***Symmetric Check開始***
Target: 5, victim: 4, Loss: 3.8016, Acc: 100.00%, CE_Loss: 0.13, Reg_Loss:484.11, Cost:0.01 best_reg:485.75 avg_loss_reg:485.75: 100%|██████████| 123/123 [11:02<00:00,  5.39s/it]
***Symmetric Check結束***
```

```
**********檢測結束**********
檢測結果: Model是安全的(Benign)
整體耗時: 1949.7235751152039
----------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000020----------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Label Specific Backdoor Attack
可能的 target-victim 配對: ['1-5', '2-4']
***Trigger Reverse Engineering開始***
Target: 2, victim: 4, Loss: 3.4585, Acc: 0.00%, CE_Loss: 3.46, Reg_Loss:2497.30, Cost:0.00 best_reg:10000000000.00 avg_loss_reg:2498.32:   2%|▏          | 21/1000 [00:11<09:15,  1.76it/s]
***Trigger Reverse Engineering結束***
Target Class: 1 Victim Class: 5 Trigger Size: 10000000000.0 Optimization Steps: 11
**********檢測結束**********
檢測結果: Model是安全的(Benign)
整體耗時: 13.899550914764404
----------掃描檔案: D:\UULi\Datasets\TrojAi\Round2\TrainData\models\unzip\id-00000021----------
***Pre-Screening開始***
***Pre-Screening結束***
可能的攻擊方式: Universal Backdoor Attack
可能的 target class: 21
可能的 victim classes: ALL
***Trigger Reverse Engineering開始***
Target: 21, victim: 12, Loss: 0.7668, Acc: 96.88%, CE_Loss: 0.77, Reg_Loss:25335.52, Cost:0.00 best_reg:10000000000.00 avg_loss_reg:10000000000.00:   0%|          | 0/1000 [00:27<?, ?it/s]
Traceback (most recent call last):
  File "D:\UULi\test_code\k_arm_test\main.py", line 157, in <module>
Traceback (most recent call last):
  File "C:\Users\islab\anaconda3\envs\pytorch1\lib\multiprocessing\queues.py", line 241, in _feed
    send_bytes(obj)
  File "C:\Users\islab\anaconda3\envs\pytorch1\lib\multiprocessing\connection.py", line 200, in send_bytes
    self._send_bytes(m[offset:offset + size])
  File "C:\Users\islab\anaconda3\envs\pytorch1\lib\multiprocessing\connection.py", line 280, in _send_bytes
    ov, err = _winapi.WriteFile(self._handle, buf, overlapped=True)
    BrokenPipeError: [WinError 232] 管道正關閉中。
trigger_reverse_engineering(target_classes, victim_classes, backdoor_type, model, DATA_PATH,
  File "D:\UULi\test_code\k_arm_test\k_arm\reverse.py", line 54, in trigger_reverse_engineering
Traceback (most recent call last):
  File "C:\Users\islab\anaconda3\envs\pytorch1\lib\multiprocessing\queues.py", line 241, in _feed
    send_bytes(obj)
  File "C:\Users\islab\anaconda3\envs\pytorch1\lib\multiprocessing\connection.py", line 200, in send_bytes
    self._send_bytes(m[offset:offset + size])
  File "C:\Users\islab\anaconda3\envs\pytorch1\lib\multiprocessing\connection.py", line 280, in _send_bytes
    ov, err = _winapi.WriteFile(self._handle, buf, overlapped=True)
BrokenPipeError: [WinError 232] 管道正關閉中。
    pattern, mask, l1_norm, time_cost = scanner.scanning(
  File "D:\UULi\test_code\k_arm_test\k_arm\scanner.py", line 137, in scanning
    loss_acc = pred.eq(target.view_as(pred)).sum().item() / images.shape[0]
KeyboardInterrupt

Process finished with exit code -1073741510 (0xC000013A: interrupted by Ctrl+C)

```