| Techniques\      | 0000 | 0001  | 0002 | 0003 | 0004 | 0005  | 0006 | 0007  | 0008  | 0009 | 0010 | 0011     | 0012 | 0013 | 0014     |
|------------------|------|-------|------|------|------|-------|------|-------|-------|------|------|----------|------|------|----------|
| Attack scenarios |      |       | 0002 | 0000 | 000. |       | 0000 |       | 0000  | 0007 |      |          |      | 0010 | 0011     |
| AML.T0000        | S0   | S0    |      |      |      | S0    |      | S0    |       |      | S0   | S0       | S0   |      |          |
| AML.T0001        |      |       |      |      |      |       |      |       |       |      |      |          |      |      | S0       |
| AML.T0002        | S1   | S1    |      |      |      | S1,S2 |      | S1,S2 | S0,S1 |      |      | S1       | S4   |      | S3       |
| AML.T0016        |      |       | S0   |      | S2   |       |      |       |       |      |      |          |      |      |          |
| AML.T0017        |      | S2,S3 |      | S2   |      |       |      |       |       |      |      |          |      | S2   | S5       |
| AML.T0008        |      |       |      |      |      |       |      | S3    |       |      |      |          |      |      |          |
| AML.T0019        |      |       |      |      |      |       |      |       |       |      |      |          |      |      |          |
| AML.T0010        |      |       | S2   |      |      |       |      |       |       | S1   |      |          |      | S5   |          |
| AML.T0040        |      |       |      |      |      | S3    |      |       |       | S0   | S4   | S2       | S2   |      |          |
| AML.T0047        |      |       |      | S1   | S5   |       |      |       |       |      |      |          |      |      | S2       |
| AML.T0041        |      |       |      |      |      |       |      |       |       |      |      |          | S7   | S7   |          |
| AML.T0044        |      |       |      |      |      |       |      |       |       |      |      |          |      | S1   |          |
| AML.T0013        |      |       |      |      |      |       |      |       |       |      |      |          | S3   |      |          |
| AML.T0014        |      |       |      |      |      |       |      |       |       |      |      |          |      |      |          |
| AML.T0020        |      |       | S3   |      |      |       |      |       |       | S2   |      |          |      |      |          |
| AML.T0005        | S2   |       |      |      |      |       |      | S4    | S2    |      |      |          | S5   |      | S4       |
| AML.T0006        |      |       |      |      |      | S4    |      |       |       |      |      |          |      |      |          |
| AML.T0007        |      |       |      |      |      |       |      |       |       |      |      |          |      |      |          |
| AML.T0011        |      |       |      |      |      |       |      |       |       |      |      |          |      |      |          |
| AML.T0015        | S5   | S6    |      | S4   | S6   | S7    |      |       |       |      | S5   | S4       | S8   | S8   | S8       |
| AML.T0018        |      |       |      |      |      |       |      |       |       |      |      |          |      | S3   |          |
| AML.T0024        |      |       |      |      |      |       |      |       |       |      |      |          |      |      |          |
| AML.T0029        |      |       |      |      |      |       |      |       |       |      |      |          |      |      |          |
| AML.T0046        |      |       |      |      |      |       |      |       |       |      |      |          |      |      |          |
| AML.T0031        |      |       |      |      |      |       |      |       |       | S3   |      |          |      |      |          |
| AML.T0034        |      |       |      |      |      |       |      |       |       |      |      |          |      |      |          |
| AML.T0035        |      |       |      |      |      |       |      |       |       |      | S2   |          |      |      |          |
| AML.T0042        | S4   | S5    |      |      |      |       |      |       |       |      |      |          |      | S4   | S7       |
| AML.T0043        | S3   | S4    | S1   | S3   |      | S6    |      |       | S3,S4 |      | S3   | S3       | S6   | S6   | S6       |
| AML.T004         |      | -     |      |      |      | S5    |      |       |       |      |      |          |      |      | 1        |
| T1594            |      |       |      | SO   |      |       |      |       |       |      |      | <u> </u> |      |      | S1       |
| T1583            |      |       |      |      | SO   |       |      |       |       |      |      |          |      |      | <u> </u> |
| T1588            |      |       |      |      | S1   |       |      |       |       |      |      |          |      |      |          |
| T1213            |      |       |      |      | S3   |       |      |       |       |      |      |          |      |      |          |
| T1585            |      |       |      |      | S4   |       |      |       |       |      |      |          |      |      |          |
| T1078            |      |       |      |      |      |       | S0   |       |       |      | S1   |          | S1   |      |          |
| T1593            |      |       |      |      |      |       |      |       |       |      |      |          |      | S0   |          |

TABLE I
MAPPING TECHNIQUES TO ATTACK SCENARIOS

| Techniques\<br>ML Phases | Data Collection | Preprocessing | Feature Engineering | Training | Testing | Inference | Monitor |
|--------------------------|-----------------|---------------|---------------------|----------|---------|-----------|---------|
| AML.T0000                | X               | X             | X                   | X        | X       | X         | X       |
| AML.T0001                | X               | X             | X                   | X        | X       | X         | X       |
| AML.T0002                | X               | X             | X                   | X        | X       | X         |         |
| AML.T0016                | X               | X             | X                   | X        | X       | X         |         |
| AML.T0017                | X               | X             | X                   | X        | X       | X         |         |
| AML.T0008                | X               | X             | X                   | X        | X       | X         |         |
| AML.T0019                | X               | X             | X                   | X        | X       | X         |         |
| AML.T0010                | X               |               |                     | X        | X       | X         |         |
| AML.T0040                |                 |               |                     | X        | X       | X         |         |
| AML.T0047                |                 |               |                     | X        | X       | X         |         |
| AML.T0041                |                 |               |                     | X        | X       | X         |         |
| AML.T0044                |                 |               |                     | X        | X       | X         |         |
| AML.T0013                |                 |               |                     | X        | X       | X         | X       |
| AML.T0014                |                 |               |                     | X        | X       | X         | X       |
| AML.T0020                | X               | X             | X                   | X        | X       | X         |         |
| AML.T0005                | X               | X             | X                   | X        | X       | X         |         |
| AML.T0006                | X               | X             | X                   | X        | X       | X         |         |
| AML.T0007                |                 |               |                     | X        | X       | X         | X       |
| AML.T0011                |                 |               |                     |          | X       | X         |         |
| AML.T0015                | X               | X             | X                   | X        | X       | X         |         |
| AML.T0018                | X               | X             | X                   | X        | X       | X         |         |
| AML.T0024                |                 |               |                     | X        | X       | X         |         |
| AML.T0029                |                 |               |                     |          | X       | X         |         |
| AML.T0046                |                 |               |                     |          | X       | X         |         |
| AML.T0031                |                 |               |                     |          | X       | X         |         |
| AML.T0034                |                 |               |                     |          | X       | X         |         |
| AML.T0035                | X               |               |                     |          |         |           |         |
| AML.T0042                | X               | X             | X                   | X        | X       | X         |         |
| AML.T0043                | X               | X             | X                   | X        | X       | X         |         |
| AML.T0045                | X               | X             | X                   | X        | X       | X         |         |
| T1594                    | X               | X             | X                   | X        | X       | X         | X       |
| T1583                    |                 |               |                     |          | X       | X         |         |
| T1588                    | X               | X             | X                   | X        | X       | X         | X       |
| T1213                    | X               |               |                     |          |         |           |         |
| T1585                    |                 |               |                     |          |         |           |         |
| T1078                    |                 |               |                     |          |         |           |         |
| T1593                    | X               | X             | X                   | X        | X       | X         | X       |

TABLE II
MAPPING TECHNIQUES TO ML PHASES