### **Randomization for Scenario Order**

Set #1	Set #11	Set #21
4, 3, 2, 1	1, 2, 3, 4	2, 3, 1, 4
Set #2	Set #12	Set #22
4, 1, 3, 2	3, 1, 2, 4	3, 4, 2, 1
Set #3	Set #13	Set #23
3, 1, 4, 2	3, 4, 1, 2	1, 2, 4, 3
Set #4	Set #14	Set #24
4, 2, 1, 3	2, 4, 3, 1	2, 4, 1, 3
Set #5	Set #15	Set #25
2, 4, 1, 3	4, 3, 2, 1	2, 3, 1, 4
Set #6	Set #16	Set #26
Set #6 2, 4, 1, 3	Set #16 3, 4, 2, 1	Set #26 2, 3, 1, 4
2, 4, 1, 3	3, 4, 2, 1	2, 3, 1, 4
2, 4, 1, 3 Set #7	3, 4, 2, 1 Set #17	2, 3, 1, 4 Set #27
2, 4, 1, 3  Set #7  3, 1, 2, 4	3, 4, 2, 1  Set #17 2, 4, 1, 3	2, 3, 1, 4  Set #27  3, 4, 1, 2
2, 4, 1, 3  Set #7  3, 1, 2, 4  Set #8	3, 4, 2, 1  Set #17 2, 4, 1, 3  Set #18	2, 3, 1, 4  Set #27  3, 4, 1, 2  Set #28
2, 4, 1, 3  Set #7  3, 1, 2, 4  Set #8  4, 3, 1, 2	3, 4, 2, 1  Set #17 2, 4, 1, 3  Set #18 3, 4, 2, 1	2, 3, 1, 4  Set #27  3, 4, 1, 2  Set #28  1, 3, 4, 2
2, 4, 1, 3  Set #7  3, 1, 2, 4  Set #8  4, 3, 1, 2  Set #9	3, 4, 2, 1  Set #17 2, 4, 1, 3  Set #18 3, 4, 2, 1  Set #19	2, 3, 1, 4  Set #27  3, 4, 1, 2  Set #28  1, 3, 4, 2  Set #29

#### Where:

- 1: Scenarios for Form-Filling (FF)
- 2: Scenarios for Invalid SSL Certificate (INVSSL)
- **3:** Scenarios for Malware (MFD)
- 4: Scenarios for URL Heuristic (URLH)

# Randomization for Tasks in Scenario 1 (FF)

Set #1	Set #11	Set #21
3, 2, 1	1, 2, 3	2, 1, 3
Set #2	Set #12	Set #22
3, 2, 1	3, 1, 2	1, 3, 2
Set #3	Set #13	Set #23
2, 3, 1	3, 2, 1	3, 1, 2
Set #4	Set #14	Set #24
2, 3, 1	3, 1, 2	3, 2, 1
Set #5	Set #15	Set #25
3, 1, 2	1, 2, 3	3, 1, 2
Set #6	Set #16	Set #26
Set #6 2, 1, 3	Set #16 1, 2, 3	Set #26 2, 3, 1
2, 1, 3	1, 2, 3	2, 3, 1
2, 1, 3 Set #7	1, 2, 3 Set #17	2, 3, 1 Set #27
2, 1, 3 Set #7 2, 3, 1	1, 2, 3 Set #17 2, 3, 1	2, 3, 1 Set #27 2, 3, 1
2, 1, 3  Set #7  2, 3, 1  Set #8	1, 2, 3  Set #17  2, 3, 1  Set #18	2, 3, 1 Set #27 2, 3, 1 Set #28
2, 1, 3  Set #7  2, 3, 1  Set #8  2, 3, 1	1, 2, 3  Set #17  2, 3, 1  Set #18  3, 1, 2	2, 3, 1 Set #27 2, 3, 1 Set #28 3, 1, 2
2, 1, 3  Set #7  2, 3, 1  Set #8  2, 3, 1  Set #9	1, 2, 3  Set #17  2, 3, 1  Set #18  3, 1, 2  Set #19	2, 3, 1 Set #27 2, 3, 1 Set #28 3, 1, 2 Set #29
2, 1, 3  Set #7  2, 3, 1  Set #8  2, 3, 1  Set #9  2, 1, 3	1, 2, 3  Set #17  2, 3, 1  Set #18  3, 1, 2  Set #19  3, 1, 2	2, 3, 1  Set #27  2, 3, 1  Set #28  3, 1, 2  Set #29  3, 1, 2

#### Where:

# Randomization for Tasks in Scenario 2 (INVSSL)

Set #1	Set #11	Set #21
3, 1, 2	1, 3, 2	3, 2, 1
Set #2	Set #12	Set #22
2, 1, 3	3, 2, 1	1, 2, 3
Set #3	Set #13	Set #23
3, 1, 2	2, 3, 1	1, 2, 3
Set #4	Set #14	Set #24
3, 2, 1	1, 2, 3	2, 1, 3
Set #5	Set #15	Set #25
1, 2, 3	1, 2, 3	1, 3, 2
Set #6	Set #16	Set #26
<b>Set #6</b> 2, 3, 1	<b>Set #16</b> 3, 1, 2	<b>Set #26</b> 2, 1, 3
2, 3, 1	3, 1, 2	2, 1, 3
2, 3, 1 <b>Set #7</b>	3, 1, 2 Set #17	2, 1, 3 Set #27
2, 3, 1  Set #7  2, 3, 1	3, 1, 2 Set #17 2, 3, 1	2, 1, 3 Set #27 1, 3, 2
2, 3, 1  Set #7  2, 3, 1  Set #8	3, 1, 2  Set #17  2, 3, 1  Set #18	2, 1, 3  Set #27  1, 3, 2  Set #28
2, 3, 1  Set #7  2, 3, 1  Set #8  3, 2, 1	3, 1, 2  Set #17  2, 3, 1  Set #18  1, 3, 2	2, 1, 3  Set #27  1, 3, 2  Set #28  1, 3, 2
2, 3, 1  Set #7  2, 3, 1  Set #8  3, 2, 1  Set #9	3, 1, 2  Set #17  2, 3, 1  Set #18  1, 3, 2  Set #19	2, 1, 3  Set #27  1, 3, 2  Set #28  1, 3, 2  Set #29

### Where:

# Randomization for Tasks in Scenario 3 (MFD)

Set #1	Set #11	Set #21
2, 1, 3	3, 1, 2	2, 1, 3
Set #2	Set #12	Set #22
1, 2, 3	1, 2, 3	1, 2, 3
Set #3	Set #13	Set #23
1, 2, 3	3, 1, 2	1, 3, 2
Set #4	Set #14	Set #24
3, 2, 1	2, 1, 3	2, 3, 1
Set #5	Set #15	Set #25
2, 3, 1	1, 3, 2	3, 2, 1
Set #6	Set #16	Set #26
3, 1, 2	2, 1, 3	2, 1, 3
Set #7	Set #17	Set #27
1, 3, 2	1, 3, 2	3, 2, 1
Set #8	Set #18	Set #28
2, 1, 3	1, 2, 3	3, 1, 2
Set #9	Set #19	Set #29
3, 1, 2	2, 1, 3	1, 2, 3
Set #10	Set #20	Set #30
1, 2, 3	2, 3, 1	2, 3, 1

### Where:

# Randomization for Tasks in Scenario 4 (URLH)

Set #1	Set #11	Set #21
1, 2, 3	3, 1, 2	3, 1, 2
Set #2	Set #12	Set #22
3, 2, 1	3, 2, 1	3, 1, 2
Set #3	Set #13	Set #23
3, 1, 2	1, 2, 3	2, 1, 3
Set #4	Set #14	Set #24
3, 1, 2	3, 2, 1	3, 2, 1
Set #5	Set #15	Set #25
2, 3, 1	1, 3, 2	2, 3, 1
Set #6	Set #16	Set #26
<b>Set #6</b> 1, 2, 3	<b>Set #16</b> 2, 3, 1	<b>Set #26</b> 3, 2, 1
1, 2, 3	2, 3, 1	3, 2, 1
1, 2, 3 <b>Set #7</b>	2, 3, 1 <b>Set #17</b>	3, 2, 1 <b>Set #27</b>
1, 2, 3 <b>Set #7</b> 3, 2, 1	2, 3, 1  Set #17  1, 3, 2	3, 2, 1 Set #27 3, 1, 2
1, 2, 3  Set #7  3, 2, 1  Set #8	2, 3, 1  Set #17  1, 3, 2  Set #18	3, 2, 1  Set #27  3, 1, 2  Set #28
1, 2, 3  Set #7  3, 2, 1  Set #8  2, 3, 1	2, 3, 1  Set #17  1, 3, 2  Set #18  2, 1, 3	3, 2, 1  Set #27  3, 1, 2  Set #28  2, 3, 1
1, 2, 3  Set #7  3, 2, 1  Set #8  2, 3, 1  Set #9	2, 3, 1  Set #17  1, 3, 2  Set #18  2, 1, 3  Set #19	3, 2, 1  Set #27  3, 1, 2  Set #28  2, 3, 1  Set #29

### Where: