BPCS Visual Evaluation

The purpose of this evaluation is to assess the effectiveness of modifications to the BPCS steganography algorithm. The evaluation should take no longer than 25 minutes to complete.

During the evaluation you will be asked to download a zipped folder of images. Following this, you will then make a judgement on which images contain payloads and which do not. This judgement will be based solely on looking at the image, the file type, file size or dimensions should not factor into your thinking. The order of images will be dictated to you by the evaluation conductor. After completion, a questionnaire regarding your experience will be presented to you to fill out. Importantly, it is the modifications themselves that are being evaluated here, not your own ability. Should you feel uncomfortable during participation, you may withdraw at any time, with your data then being promptly discarded.

1. Name

    _____

2. Email

    _____

3. Date

    _____

    Example: 7 January 2019

4. I have read the above information and consent to taking part

    Mark only one oval.

    ( ) Yes

    ( ) No

Payload
Detection

You will be instructed to view an image from the downloaded zipped folder. For the given image, if you feel there is a payload present, select "yes", otherwise select "no".

5.   Image 1

Mark only one oval.

◯ Yes

◯ No

6.   Image 2

Mark only one oval.

◯ Yes

◯ No

7.   Image 3

Mark only one oval.

◯ Yes

◯ No

8.   Image 4

Mark only one oval.

◯ Yes

◯ No

9.   Image 5

Mark only one oval.

◯ Yes

◯ No

10.   Image 6

Mark only one oval.

◯ Yes

◯ No

11.   Image 7

Mark only one oval.

◯ Yes

◯ No

12.   Image 8

Mark only one oval.

◯ Yes

◯ No

13.   Image 9

Mark only one oval.

◯ Yes

◯ No

14. Image 10

Mark only one oval.

◯ Yes

◯ No

15. Image 11

Mark only one oval.

◯ Yes

◯ No

16. Image 12

Mark only one oval.

◯ Yes

◯ No

17. Image 13

Mark only one oval.

◯ Yes

◯ No

18.　Image 14

Mark only one oval.

◯ Yes

◯ No

19.　Image 15

Mark only one oval.

◯ Yes

◯ No

20.　Image 16

Mark only one oval.

◯ Yes

◯ No

21.　Image 17

Mark only one oval.

◯ Yes

◯ No

22.　Image 18

Mark only one oval.

◯ Yes

◯ No

23.   Image 19

Mark only one oval.

⬭ Yes

⬭ No

24.   Image 20

Mark only one oval.

⬭ Yes

⬭ No

25.   Image 21

Mark only one oval.

⬭ Yes

⬭ No

26.   Image 22

Mark only one oval.

⬭ Yes

⬭ No

27. Image 23

Mark only one oval.

( ) Yes

( ) No

28. Image 24

Mark only one oval.

( ) Yes

( ) No

Questionnaire   This section details the questionnaire regarding your experience during the
                       previous payload detection phase.

29. What strategy did you use for detection?

_____

_____

_____

_____

30. Did this strategy change over the course of the evaluation and if so, to what?

_____

_____

_____

_____

31. Did you find it easier to gauge the presence of a payload as the evaluation progressed?

32. Do you feel you would be able to categorise the images with payloads into the algorithm used?

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