|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Sentence (for n=6) | Control Picture  (n-1,2,3 red dots)  *Inferior* | Control Picture  (n red dots)  *Equal* | Target Picture  (n+1,2,3 red dots)  *Superior* |
| Target  *Exactly* | Exactly 6 dots are red. | F  (3) | T  (3) | T/F?  (6) |
| Control 1  *Less than* | Less than 6 dots are red. | T  (3) | F  (1) | F  (3) |
| Control 2  *More than* | More than 6 dots are red. | F  (3) | F  (1) | T  (3) |
| Control 3  No less than | No less than 6 dots are red. | F  (3) | T  (1) | T  (3) |
| Control 4  No more than | No more than 6 dots are red. | T  (3) | T  (1) | F  (3) |
|  | SUM  For 1 value of n:  40 trials:  17 TRUE, 17 FALSE and 6 ? |  |  |  |

Block 1: `Exactly’ in `Exactly n dots are <color>.’

* Colors: black, blue, yellow, red
* No groups of `n’ target dots available on the pictures (never)

Block 2: `Exactly’ in ` The number of <red> dots is exactly n.’

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Sentence (for n=6) | Control Picture  (n-1,2,3 red dots)  *Inferior* | Control Picture  (n red dots)  *Equal* | Target Picture  (n+1,2,3 red dots)  *Superior* |
| Target  *Exactly* | The number of red dots is exactly 6. | F  (3) | T  (3) | T/F?  (6) |
| Control 1  *Less than* | The number of red dots is less than 6. | T  (3) | F  (1) | F  (3) |
| Control 2  *More than* | The number of red dots is more than 6. | F  (3) | F  (1) | T  (3) |
| Control 3  No less than | The number of red dots is no less than 6. | F  (3) | T  (1) | T  (3) |
| Control 4  No more than | The number of red dots is no more than 6. | T  (3) | T  (1) | F  (3) |
|  | SUM  For 1 value of n:  40 trials:  17 TRUE, 17 FALSE and 6 ? |  |  |  |

* Colors: black, blue, yellow, red
* No groups of `n’ target dots available on the pictures (never)

Block 3: `Only’

|  |  |  |  |
| --- | --- | --- | --- |
|  | Sentence (for n=6) | Control Picture  (n red dots)  *Equal* | Target Picture  (n+1,2,3 red dots)  *Superior* |
| Target  *Only1* | Only 6 dots are red. | T  (3) | F  (3) |
| Target  *Less than* | The number of red dots is only 6. (????) | F  (3) | F  (3) |
|  | SUM  For 1 value of n:  12 trials:  6 TRUE, 6 FALSE |  |  |

**Summary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Count of Essai** | Column Labels |  |  |  |  |  |  |  |  |
| Row Labels | exactly | less-than | more-than | no-less-than | no-more-than | only1 | only2 | (blank) | Grand Total |
| 1 | 12 | 7 | 7 | 7 | 7 |  |  |  | 40 |
| Equal | 3 | 1 | 1 | 1 | 1 |  |  |  | 7 |
| Inferior | 3 | 3 | 3 | 3 | 3 |  |  |  | 15 |
| Superior | 6 | 3 | 3 | 3 | 3 |  |  |  | 18 |
| 2 | 12 | 7 | 7 | 7 | 7 |  |  |  | 40 |
| Equal | 3 | 1 | 1 | 1 | 1 |  |  |  | 7 |
| Inferior | 3 | 3 | 3 | 3 | 3 |  |  |  | 15 |
| Superior | 6 | 3 | 3 | 3 | 3 |  |  |  | 18 |
| 3 |  |  |  |  |  | 6 | 6 |  | 12 |
| Equal |  |  |  |  |  | 3 | 3 |  | 6 |
| Superior |  |  |  |  |  | 3 | 3 |  | 6 |
| (blank) |  |  |  |  |  |  |  |  |  |
| (blank) |  |  |  |  |  |  |  |  |  |
| **Grand Total** | **24** | **14** | **14** | **14** | **14** | **6** | **6** |  | **92** |

Total of trials: 92 trials \* 3 values for n = 276 TRIALS

If 5 sec per trial, then 23 minutes.