

Participant: 1 (B)

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

Thought it would get easier but it didn't.

How do you think your speed and accuracy changed as the experiment progressed?

Speed - got slower

Accuracy - got worse.

Why do you think this was?

Looking at the screen for a long time messed with her eyes.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

Good because it focussed eyes towards middle and warned of next circle flash.

Did you notice any relationship between the coloured square and the location of the circles?

No.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Thought there might be something.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No .

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random .

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Thought there might have been a pattern but didn't find one so just responded .

Generation task:

Participant: 2 (C1)

Sequence/Colour Experiment 3—Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

Towards the end got v. tired.

How do you think your speed and accuracy changed as the experiment progressed?

Accuracy got worse.

Speed same maybe a bit faster.

Why do you think this was?

Accuracy / speed tradeoff.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

Kept getting blue and got it wrong.
Nothing else to note.

Did you notice any relationship between the coloured square and the location of the circles?

No.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Not really. Tried to find relationship
but couldn't.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No.

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Quite a few on one side then on the other.

If you did notice patterns, can you describe them?

LLL RRR

And when did you become aware of them?

From the beginning.

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

When circle flashed left then ready to press left key again - Predicting resulted in more mistakes.

Generation task:

Participant: 4 B2

Sequence/Colour Experiment 3—Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

Got bored then became obsessed with it and errors -

How do you think your speed and accuracy changed as the experiment progressed?

Speed and accuracy at their best by the end of experiment.

Why do you think this was?

Had a bit more of a ~~sto~~ technique.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

If red needed well. Sometimes felt as though he had a bit of a blind spot.

Did you notice any relationship between the coloured square and the location of the circles?

No.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Wouldn't surprise him but couldn't see it at time

Participant: 4 (B2) .

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

~~Yellow and green - no relationship.~~
No

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random .

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Made him worse. ~~Nothing~~ If tried to predict he went wrong.

Generation task:

Participant: 5 (C2) .

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

Hard .

How do you think your speed and accuracy changed as the experiment progressed?

Both speed and accuracy worse .

Why do you think this was?

Eyes got tired .

Did you look at the coloured square before each trial?

Yes -

How do you think the coloured square affected your responding?

Not sure -

Did you notice any relationship between the coloured square and the location of the circles?

No .

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Thought there was a relationship

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No .

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random .

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Initially tried to predict but gave up.

Generation task:

Participant: 7 (B3)

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No .

How do you think your speed and accuracy changed as the experiment progressed?

Slower and accuracy worse .

Why do you think this was?

Got worse towards ^{end of} end back - concentration

Did you look at the coloured square before each trial?

Not always - mostly .

How do you think the coloured square affected your responding?

Blue + red easier . Yellow harder .

Did you notice any relationship between the coloured square and the location of the circles?

Not - sure -

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Thought it might .

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

Blue → right.
Yellow → right.

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Alternations and several on one side.

If you did notice patterns, can you describe them?

LRL or RRR and then back

And when did you become aware of them?

2nd or 3rd block.

Were there any patterns you noticed more obvious than the others?

LRL alternations.

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

If alternations for a long time then 2 lefts might go wrong or take longer to respond.

Generation task:

Participant: 8 (C3)

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No.

How do you think your speed and accuracy changed as the experiment progressed?

Both speed and accuracy best at first few blocks, No major deterioration.

Why do you think this was?

Good concentration.

Did you look at the coloured square before each trial?

Tried to.

How do you think the coloured square affected your responding?

Quite neutral.

Did you notice any relationship between the coloured square and the location of the circles?

No.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Wouldn't surprise her.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No.

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Seemed to be a pattern.

If you did notice patterns, can you describe them?

Rhh . and Lhh .

And when did you become aware of them?

After 2 or 3 blocks.

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Sometimes in a bad way because made mistakes particularly after long runs on one side.

Generation task:

Participant: 10 (B4) _

Sequence/Colour Experiment 3—Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No .

How do you think your speed and accuracy changed as the experiment progressed?

Got a bit slower.

Less accurate then more accurate again .

Why do you think this was?

More alert at beginning .

Towards end got more alert again .

Did you look at the coloured square before each trial?

Yes .

How do you think the coloured square affected your responding?

When red more accurate .

Did you notice any relationship between the coloured square and the location of the circles?

No .

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Wouldn't surprise her.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No.

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random.

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Sometimes tried to predict eg. after lots on left thought it would change to right after a while.

Generation task:

Randomness → more focus

Participant: 11 (C4)

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

Got harder as it went on. Eyes trying to find patterns.

How do you think your speed and accuracy changed as the experiment progressed?

Speed same.

Accuracy got worse.

Why do you think this was?

Trying to guess which side would flash.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

Not sure. Certain colours she thought would predict left or right.

Did you notice any relationship between the coloured square and the location of the circles?

Slightly.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Some idea.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

Yellow → right
Red → left.

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Pattern.

If you did notice patterns, can you describe them?

LRRR then 5 or 6 on same side
LLLL or RRRR.

And when did you become aware of them?

3rd block.

Were there any patterns you noticed more obvious than the others?

5 in a row.

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Meant trying to guess which side would flash
next rather than waiting. Accuracy may have
suffered.
Generation task: -

Participant: 13(B5)

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

Ok .

How do you think your speed and accuracy changed as the experiment progressed?

Increased speed then eyes got tired and made more mistakes

Why do you think this was?

Eyes tired .

Did you look at the coloured square before each trial?

Sometimes .

How do you think the coloured square affected your responding?

Tried to find correlation but couldn't .
No effect .

Did you notice any relationship between the coloured square and the location of the circles?

No .

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Would be surprised .

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No .

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random .

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

No. Waiting rather than predicting.

Generation task:

Participant: 14 (C5) ,

Sequence/Colour Experiment 3—Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

Oh ,

How do you think your speed and accuracy changed as the experiment progressed?

Got slower towards the end .

Accuracy fairly consistent .

Why do you think this was?

Eyes getting tired .

Did you look at the coloured square before each trial?

Yes .

How do you think the coloured square affected your responding?

Told her when next circle about to flash

Did you notice any relationship between the coloured square and the location of the circles?

No .

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Would surprise her .

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No.

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Sort of a pattern. Lot more on left.

If you did notice patterns, can you describe them?

LLLLL every now and then.

And when did you become aware of them?

4th block.

Were there any patterns you noticed more obvious than the others?

As above.

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Tended to expect lots of lefts. Sometimes went wrong as a result

Generation task:

Participant: 16(B6)

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No,

How do you think your speed and accuracy changed as the experiment progressed?

Not very much. Maybe more errors towards end

Why do you think this was?

kept up concentration.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

Not sure. Different colours may be relevant.

Did you notice any relationship between the coloured square and the location of the circles?

No.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Wouldn't surprise her.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No,

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

No patterns.

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Not trying to predict.

Generation task:

Participant: 17 (C6) .

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No .

How do you think your speed and accuracy changed as the experiment progressed?

first made more mistakes .
faster in middle - and more accurate .

Why do you think this was?

Getting used to it .

Did you look at the coloured square before each trial?

Yes -

How do you think the coloured square affected your responding?

Good - when not looking at it made more mistakes . helped her concentrate .

Did you notice any relationship between the coloured square and the location of the circles?

No .

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Would be surprised

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No .

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random .

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Just waited for circles to flash .

Generation task:

Participant: 19(87)

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

Sometimes concentration varied.

How do you think your speed and accuracy changed as the experiment progressed?

More accurate → more speed.
More mistakes → got slower.

Why do you think this was?

Speed / accuracy trade off.
Varied with concentration.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

Made her not assume what was going to be next.

Did you notice any relationship between the coloured square and the location of the circles?

No.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Wouldn't surprise her.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No .

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random .

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Made her go slower at the beginning .

Generation task:

Participant: 20 (c7)

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No.

How do you think your speed and accuracy changed as the experiment progressed?

Both speed and accuracy got worse.

Why do you think this was?

Not sure. Getting a bit tired.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

Helped to focus.

Did you notice any relationship between the coloured square and the location of the circles?

No.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

No idea.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No -

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random -

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Yes. Tried to predict then went wrong.

Generation task:

Participant: 22 (38) .

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No .

How do you think your speed and accuracy changed as the experiment progressed?

Got worse - speed .

Accuracy stayed about the same .

Why do you think this was?

Getting tired .

Did you look at the coloured square before each trial?

Yes .

How do you think the coloured square affected your responding?

Sometimes got distracted and then made errors .

Did you notice any relationship between the coloured square and the location of the circles?

No .

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Thought it was happening .

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No.

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random.

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Initially tried to predict but it didn't work.

Generation task:

Participant: ~~22 (68)~~ 23 (C8).

Sequence/Colour Experiment 3—Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No.

How do you think your speed and accuracy changed as the experiment progressed?

Accuracy got worse.

Speed stayed the same.

Why do you think this was?

Eyes getting tired. Concentration.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

$\frac{1}{2}$ way through seemed like more tempted to press left for yellow and green and right for blue and red.

Did you notice any relationship between the coloured square and the location of the circles?

Thought so $\frac{1}{2}$ way through but then changed mind.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Some idea.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

Yellow + green → left
Red + blue → right.

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random but occasional patterns.

If you did notice patterns, can you describe them?

RRRRL or LLLLLR
Sometimes alternating LRLRL.

And when did you become aware of them?

4-5th block

Were there any patterns you noticed more obvious than the others?

As above, RRRRL

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

When there were 4 R's then more tempted to press L.

Generation task:

Participant: 25(B9) -

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No.

How do you think your speed and accuracy changed as the experiment progressed?

Got worse - accuracy.

Why do you think this was?

Concentration lapses.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

Not really.

Did you notice any relationship between the coloured square and the location of the circles?

No.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

No idea.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No .

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random .

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Waiting for flashes .

Generation task:

Participant: 26(C9).

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No.

How do you think your speed and accuracy changed as the experiment progressed?

Both got worse.

Why do you think this was?

Got a bit tired.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

Not really.

Did you notice any relationship between the coloured square and the location of the circles?

Thought there might but not sure.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Some idea.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No .

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random .

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Tried to predict it first but then decided random .

Generation task:

Participant: 28613107

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

Quite straightforward.

How do you think your speed and accuracy changed as the experiment progressed?

Speed improved.

Accuracy improved a bit then both speed + accuracy down.

Why do you think this was?

Fatigue.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

Not a huge effect.

Did you notice any relationship between the coloured square and the location of the circles?

No.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Wouldn't surprise him.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No.

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random.

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Wanted to respond to circles. Sometimes got into a rhythm of finger pressing which could result in inaccuracies.

Generation task:

Participant: 29(10)

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No.

How do you think your speed and accuracy changed as the experiment progressed?

Slowed down and reduced accuracy.

Why do you think this was?

Quite long. Got a bit tired.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

Not really.

Did you notice any relationship between the coloured square and the location of the circles?

Tried but couldn't see one.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Didn't know. Wouldn't be surprised.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

Green → right ?

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Didn't notice.

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Wanting to respond.

Generation task:

Participant: 31 (B11) .

Sequence/Colour Experiment 3—Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No .

How do you think your speed and accuracy changed as the experiment progressed?

Speed improved and then decreased .
+ Accuracy .

Why do you think this was?

Towards the end getting distracted .
More confident in the middle .

Did you look at the coloured square before each trial?

Yes -

How do you think the coloured square affected your responding?

No .

Did you notice any relationship between the coloured square and the location of the circles?

No .

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Would n't see a pattern .

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No ,

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Probably random .

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Intensely tried to predict but it didn't work .

Generation task:

Participant: 32 (C11) .

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No .

How do you think your speed and accuracy changed as the experiment progressed?

Speed and accuracy worse .

Why do you think this was?

Getting too into it .

Did you look at the coloured square before each trial?

Yes .

How do you think the coloured square affected your responding?

Not really .

Did you notice any relationship between the coloured square and the location of the circles?

No .

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Didn't know .

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No .

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random .

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Sometimes predicted but not on purpose .
Mostly just waiting for flashes .

Generation task:

Participant: 34(B12)

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No.

How do you think your speed and accuracy changed as the experiment progressed?

Accuracy deteriorated.

Speed stayed similar

Why do you think this was?

Concentration level.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

Helped.

Did you notice any relationship between the coloured square and the location of the circles?

No.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Could be but didn't notice

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No .

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random -

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Wanted to see circle flash .

Generation task:

Participant: 35 (C12)

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

Got into a routine.

How do you think your speed and accuracy changed as the experiment progressed?

Dipped in the middle - speed.
Accuracy stayed constant.

Why do you think this was?

Tiredness -

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

Evened out responses.
A bit of putting with bars.

Did you notice any relationship between the coloured square and the location of the circles?

May have been a relationship

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

No. Wouldn't surprise her.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No.

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random.

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Waiting to respond.

Generation task:

Participant: 37(1313).

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

fine .

How do you think your speed and accuracy changed as the experiment progressed?

Made more errors as experiment progressed,

Speed stayed more or less the same. Tended to slow down if it varied.

Why do you think this was?

Trying to anticipate which side it would flash -

Did you look at the coloured square before each trial?

Yes - mostly .

How do you think the coloured square affected your responding?

Didn't really -

Did you notice any relationship between the coloured square and the location of the circles?

No - tried .

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Some idea .

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No .

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random ,

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

If left for tries then assumed 'it would go right but this wasn't always correct ,

Generation task:

Participant: 38 (C13) .

Sequence/Colour Experiment 3—Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

fine .

How do you think your speed and accuracy changed as the experiment progressed?

Accuracy deteriorated
Speed constant .

Why do you think this was?

Lost concentration towards middle .

Did you look at the coloured square before each trial?

Yes .

How do you think the coloured square affected your responding?

Not .

Did you notice any relationship between the coloured square and the location of the circles?

No .

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Looked for it but couldn't find one .

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No .

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Looked for patterns - Couldn't find any . Random .

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Wanting to respond . Couldn't see a pattern .

Generation task:

Participant: 50 B14 .

Repayment

Sequence/Colour Experiment 3—Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

Fine .

How do you think your speed and accuracy changed as the experiment progressed?

Speed got worse .

Accuracy got worse too .

Why do you think this was?

Attention and tiredness .

Did you look at the coloured square before each trial?

Yes .

How do you think the coloured square affected your responding?

Wondered if certain colours eg. red made her quicker .

Did you notice any relationship between the coloured square and the location of the circles?

No .

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

Would surprise her .

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No.

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

flashed on the left consecutively quite a lot.

If you did notice patterns, can you describe them?

L L L L or L L L L L.

And when did you become aware of them?

3 - 4th block.

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Expected more on the left which made her go wrong a few times.

Generation task:

Participant: 41 (C14)

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

Fine .

How do you think your speed and accuracy changed as the experiment progressed?

Accuracy got worse .

Speed not sure .

Why do you think this was?

Automatically pressed keys - sometimes wrong .

Did you look at the coloured square before each trial?

Was remembered to .

How do you think the coloured square affected your responding?

Helped .

Did you notice any relationship between the coloured square and the location of the circles?

No .

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

No idea .

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

No.

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

L R L R
LLLLLLLLL or RRRRRRRRRR

If you did notice patterns, can you describe them?

And when did you become aware of them?

$\frac{1}{2}$ way through.

Were there any patterns you noticed more obvious than the others?

Long sequences on same side.

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Made it worse because kept drawing on one side and then it would change suddenly.

Generation task:

Participant: 43(B15) .

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

No - all fine

How do you think your speed and accuracy changed as the experiment progressed?

Speed and accuracy got worse .

Why do you think this was?

Getting tired .

Did you look at the coloured square before each trial?

Yes .

How do you think the coloured square affected your responding?

Not really .

Did you notice any relationship between the coloured square and the location of the circles?

No .

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

No idea .

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

Didn't see relationship.

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random.

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Initially looked for pattern then decided random.

Generation task:

Participant: 44(C15)

Sequence/Colour Experiment 3-Structured Questionnaire

Please ask the following questions verbally and note down any responses.

Do you have any comments about the experiment?

All fine.

How do you think your speed and accuracy changed as the experiment progressed?

More accurate as experiment progressed,
Speed up until made a mistake and then slowed
down.

Why do you think this was?

Reactions improved.

Did you look at the coloured square before each trial?

Yes.

How do you think the coloured square affected your responding?

Influenced which side was picked.

Did you notice any relationship between the coloured square and the location of the circles?

Yes.

Would it surprise you if there was a relationship between some of the colours and locations, or did you have some idea that was happening?

No.

Participant:

Some of the colours may or may not have had a predictive relationship with whether the circle came up on the right or the left. Could you describe the relationship between all, or any of the colours and where the circles flashed?

yellow → right

Did you notice any patterns in the way the circles flashed or do you think the circles in fact followed a random pattern?

Random -

If you did notice patterns, can you describe them?

And when did you become aware of them?

Were there any patterns you noticed more obvious than the others?

How did noticing the sequences and patterns (or deciding it was random) affect your responding?

Initially tried to predict then waited for circles to flash -

Generation task: