

## Appendices

### Appendix A

#### Informed Consent Form

Dear Participant

My name is \_\_\_\_\_ For my IB Diploma IA report I am conducting a simple experiment into memory. This consent form is to inform you as to the procedure of the experiment and to gain consent for your participation. If you are under 16 years old, please also ask your parent or guardian to sign the form.

The experiment will involve you in trying to remember a list of common English words, and then recalling them in writing afterwards. You will not be subjected to any physical or psychological harm, the data will be confidential and your anonymity will be protected. You may withdraw yourself or your data from the experiment at any time. If you have any questions you need answered before you sign this form, please contact me at \_\_\_\_\_@\_\_\_\_\_ (email address).

**I understand the above conditions and give my consent to participate.**

Name \_\_\_\_\_ Signature \_\_\_\_\_ Age \_\_\_\_\_

Parent/Guardian signature (if participant is under 16)

\_\_\_\_\_

**Appendix B****Standardised instructions**

Welcome and thank you in advance for agreeing to participate in this Psychology memory experiment. There is a paper on your desk. Please do not turn over the paper until we instruct you to. When we start the timer, you will turn over the paper and have two minutes to try and memorise the list of words written on it. Please also note whether your paper has an A or a B at the top of it. You must not speak and you must not write anything while trying to remember the words.

After the two minutes is up, you are asked to turn the paper face down again. The list will be collected and you will be given a blank answer sheet according to whether your list is the A or B list. You will also be given a pencil. When the timer starts again, circle whether you are Male or Female at the top of the paper and then try to remember and write down as many words as you can from the original list. They can be remembered in any order. You will again have two minutes. Please work in silence.

When the timer stops again, you must stop writing.

Are there any questions?

Thank you again for agreeing to take part.

## Appendix C

### Debriefing

Thank you for taking part in this experiment. While your papers are being collected, I will share some details of the aim of the experiment: It was to test the effect of font on memory. There were two groups of you – Group A and Group B. The word list was identical, except that it was written in *Calibri 12pt italics* for Group A and in Calibri 12pt normal for Group B. Diemand-Yauman in 2011 found that italicized fonts helped memory.

We will share the results of this experiment with you. Please contact us if you need to ask any questions or want to withdraw yourself or your data.

You may now leave.

## Appendix D

### List of 25 words in disfluent font for Group A

**A**

1. *minute*
2. *woman*
3. *power*
4. *member*
5. *service*
6. *father*
7. *student*
8. *city*
9. *problem*
10. *system*
11. *country*
12. *body*
13. *study*
14. *parent*
15. *number*
16. *others*
17. *question*
18. *money*
19. *party*
20. *water*
21. *result*
22. *morning*
23. *teacher*
24. *people*
25. *reason*

**Appendix E**  
**List for words in fluent font for Group B**

**B**

1. minute
2. woman
3. power
4. member
5. service
6. father
7. student
8. city
9. problem
10. system
11. country
12. body
13. study
14. parent
15. number
16. others
17. question
18. money
19. party
20. water
21. result
22. morning
23. teacher
24. people
25. reason

**Appendix F**
**Example of Group A answer sheet.**

*[Group B is the same, except has **GROUP B** at the top]*

<b>GROUP A</b>	<b>MALE/FEMALE</b> (please circle)
Words remembered:	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

## Appendix G

### Raw data and calculation of descriptive statistics

#### Group A (disfluent)

P/pant	No. words recalled
1	17
2	21
3	19
4	16
5	16
6	24
7	21
8	20
9	19
10	23

#### Group B (fluent)

P/pant	No. words recalled
1	15
2	19
3	18
4	18
5	20
6	14
7	16
8	21
9	17
10	17

### Calculation of mean and SD for each group

#### Calculation of mean for each group

Group											Total
A (disfluent)	17	21	19	16	16	24	21	20	19	23	196
B (fluent)	15	19	18	18	20	14	16	21	17	17	175

Mean = Total/N

Group A mean = 19.6

Group B mean = 17.5

Calculation of SD for each group from <https://www.easycalculation.com/statistics/standard-deviation.php>

Formula used:

**Sample Standard Deviation :**

$$S = \sqrt{\frac{\sum (X-M)^2}{n-1}}$$

### Group A (disfluent)

Enter all the numbers separated by comma ','.

E.g: 13,23,12,44,55

17,21,19,16,16,24,21,20,19,23

Calculate

Reset

<div style="background-color: white; padding: 5px; border: 1px solid #ccc;">Total Numbers</div> <div style="font-size: 1.5em; font-weight: bold; color: #f06292;">10</div>	<div style="background-color: white; padding: 5px; border: 1px solid #ccc;">Mean (Average)</div> <div style="font-size: 1.5em; font-weight: bold; color: #f06292;">19.6</div>	<div style="background-color: white; padding: 5px; border: 1px solid #ccc;">Standard deviation</div> <div style="font-size: 1.5em; font-weight: bold; color: #f06292;">2.75681</div>
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Group A SD = 2.76

### Group B (fluent)

Enter all the numbers separated by comma ','.

E.g: 13,23,12,44,55

15,19,18,18,20,14,16,21,17,17

Calculate

Reset

<div style="background-color: white; padding: 5px; border: 1px solid #ccc;">Total Numbers</div> <div style="font-size: 1.5em; font-weight: bold; color: #f06292;">10</div>	<div style="background-color: white; padding: 5px; border: 1px solid #ccc;">Mean (Average)</div> <div style="font-size: 1.5em; font-weight: bold; color: #f06292;">17.5</div>	<div style="background-color: white; padding: 5px; border: 1px solid #ccc;">Standard deviation</div> <div style="font-size: 1.5em; font-weight: bold; color: #f06292;">2.17307</div>
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Group B SD = 2.17



**Summary**

**Group A (disfluent):** Mean no. of words recalled = 19.6      SD = 2.76

**Group B (fluent):** Mean no. of words recalled = 17.5      SD= 2.17