P#\_\_\_\_\_\_\_\_\_\_\_ C # 2D-B

Please rate each statement: from  **1= strongly disagree** to  **7 = strongly agree**

I am **satisfied** with the shape used to express **positive** thoughts 1 2 3 4 5 6 7

I am **satisfied** with the shape used to express **neutral** thoughts 1 2 3 4 5 6 7

I am **satisfied** with the shape used to express **negative** thoughts 1 2 3 4 5 6 7

I felt **confident** when estimating quantities of each category 1 2 3 4 5 6 7

I felt **confident** when estimating proportions between categories 1 2 3 4 5 6 7

The resulting visual felt **personal** 1 2 3 4 5 6 7

The resulting visual felt **memorable** 1 2 3 4 5 6 7

The resulting visual was **aesthetically pleasing** 1 2 3 4 5 6 7

The resulting visual for this data **resonated with me**  1 2 3 4 5 6 7

This experience was **engaging** 1 2 3 4 5 6 7

This experience was **tedious**  1 2 3 4 5 6 7

This experience was **tiring** 1 2 3 4 5 6 7

I forgot about my immediate surroundings while in the experience 1 2 3 4 5 6 7

I was physically sick during this experience 1 2 3 4 5 6 7

This experience was uncomfortable 1 2 3 4 5 6 7

P#\_\_\_\_\_\_\_\_\_\_\_ C # 2D-C

Please rate each statement: from  **1= strongly disagree** to  **7 = strongly agree**

I am **satisfied** with the shape used to express **positive** thoughts 1 2 3 4 5 6 7

I am **satisfied** with the shape used to express **neutral** thoughts 1 2 3 4 5 6 7

I am **satisfied** with the shape used to express **negative** thoughts 1 2 3 4 5 6 7

It was **easy** to select a shape 1 2 3 4 5 6 7

It was **easy** to try different shapes for each category 1 2 3 4 5 6 7

I **enjoyed** selecting shapes 1 2 3 4 5 6 7

I felt **confident** when estimating quantities of each category 1 2 3 4 5 6 7

I felt **confident** when estimating proportions between categories 1 2 3 4 5 6 7

The resulting visual felt **personal** 1 2 3 4 5 6 7

The resulting visual felt **memorable** 1 2 3 4 5 6 7

The resulting visual was **aesthetically pleasing** 1 2 3 4 5 6 7

The resulting visual for this data **resonated with me**  1 2 3 4 5 6 7

This experience was **engaging** 1 2 3 4 5 6 7

This experience was **tedious**  1 2 3 4 5 6 7

This experience was **tiring** 1 2 3 4 5 6 7

I forgot about my immediate surroundings while in the experience 1 2 3 4 5 6 7

I was physically sick during this experience 1 2 3 4 5 6 7

This experience was uncomfortable 1 2 3 4 5 6 7

P#\_\_\_\_\_\_\_\_\_\_\_ C # 2D-D

Please rate each statement: from  **1= strongly disagree** to  **7 = strongly agree**

I am **satisfied** with the shape used to express **positive** thoughts 1 2 3 4 5 6 7

I am **satisfied** with the shape used to express **neutral** thoughts 1 2 3 4 5 6 7

I am **satisfied** with the shape used to express **negative** thoughts 1 2 3 4 5 6 7

It was **easy** to draw a shape 1 2 3 4 5 6 7

It was **easy** to try different shapes for each category 1 2 3 4 5 6 7

I **enjoyed** drawing shapes 1 2 3 4 5 6 7

I felt **confident** when estimating quantities of each category 1 2 3 4 5 6 7

I felt **confident** when estimating proportions between categories 1 2 3 4 5 6 7

The resulting visual felt **personal** 1 2 3 4 5 6 7

The resulting visual felt **memorable** 1 2 3 4 5 6 7

The resulting visual was **aesthetically pleasing** 1 2 3 4 5 6 7

The resulting visual for this data **resonated with me**  1 2 3 4 5 6 7

This experience was **engaging** 1 2 3 4 5 6 7

This experience was **tedious**  1 2 3 4 5 6 7

This experience was **tiring** 1 2 3 4 5 6 7

I forgot about my immediate surroundings while in the experience 1 2 3 4 5 6 7

I was physically sick during this experience 1 2 3 4 5 6 7

This experience was uncomfortable 1 2 3 4 5 6 7

P#\_\_\_\_\_\_\_\_\_\_\_ C # VR-B

Please rate each statement: from  **1= strongly disagree** to  **7 = strongly agree**

I am **satisfied** with the shape used to express **positive** thoughts 1 2 3 4 5 6 7

I am **satisfied** with the shape used to express **neutral** thoughts 1 2 3 4 5 6 7

I am **satisfied** with the shape used to express **negative** thoughts 1 2 3 4 5 6 7

I felt **confident** when estimating quantities of each category 1 2 3 4 5 6 7

I felt **confident** when estimating proportions between categories 1 2 3 4 5 6 7

The resulting visual felt **personal** 1 2 3 4 5 6 7

The resulting visual felt **memorable** 1 2 3 4 5 6 7

The resulting visual was **aesthetically pleasing** 1 2 3 4 5 6 7

The resulting visual for this data **resonated with me**  1 2 3 4 5 6 7

This experience was **engaging** 1 2 3 4 5 6 7

This experience was **tedious**  1 2 3 4 5 6 7

This experience was **tiring** 1 2 3 4 5 6 7

I forgot about my immediate surroundings while in the experience 1 2 3 4 5 6 7

I was physically sick during this experience 1 2 3 4 5 6 7

This experience was uncomfortable 1 2 3 4 5 6 7

P#\_\_\_\_\_\_\_\_\_\_\_ C # VR-C

Please rate each statement: from  **1= strongly disagree** to  **7 = strongly agree**

I am **satisfied** with the shape used to express **positive** thoughts 1 2 3 4 5 6 7

I am **satisfied** with the shape used to express **neutral** thoughts 1 2 3 4 5 6 7

I am **satisfied** with the shape used to express **negative** thoughts 1 2 3 4 5 6 7

It was **easy** to select a shape 1 2 3 4 5 6 7

It was **easy** to try different shapes for each category 1 2 3 4 5 6 7

I **enjoyed** selecting shapes 1 2 3 4 5 6 7

I felt **confident** when estimating quantities of each category 1 2 3 4 5 6 7

I felt **confident** when estimating proportions between categories 1 2 3 4 5 6 7

The resulting visual felt **personal** 1 2 3 4 5 6 7

The resulting visual felt **memorable** 1 2 3 4 5 6 7

The resulting visual was **aesthetically pleasing** 1 2 3 4 5 6 7

The resulting visual for this data **resonated with me**  1 2 3 4 5 6 7

This experience was **engaging** 1 2 3 4 5 6 7

This experience was **tedious**  1 2 3 4 5 6 7

This experience was **tiring** 1 2 3 4 5 6 7

I forgot about my immediate surroundings while in the experience 1 2 3 4 5 6 7

I was physically sick during this experience 1 2 3 4 5 6 7

This experience was uncomfortable 1 2 3 4 5 6 7

P#\_\_\_\_\_\_\_\_\_\_\_ C # VR-D

Please rate each statement: from  **1= strongly disagree** to  **7 = strongly agree**

I am **satisfied** with the shape used to express **positive** thoughts 1 2 3 4 5 6 7

I am **satisfied** with the shape used to express **neutral** thoughts 1 2 3 4 5 6 7

I am **satisfied** with the shape used to express **negative** thoughts 1 2 3 4 5 6 7

It was **easy** to draw a shape 1 2 3 4 5 6 7

It was **easy** to try different shapes for each category 1 2 3 4 5 6 7

I **enjoyed** drawing shapes 1 2 3 4 5 6 7

I felt **confident** when estimating quantities of each category 1 2 3 4 5 6 7

I felt **confident** when estimating proportions between categories 1 2 3 4 5 6 7

The resulting visual felt **personal** 1 2 3 4 5 6 7

The resulting visual felt **memorable** 1 2 3 4 5 6 7

The resulting visual was **aesthetically pleasing** 1 2 3 4 5 6 7

The resulting visual for this data **resonated with me**  1 2 3 4 5 6 7

This experience was **engaging** 1 2 3 4 5 6 7

This experience was **tedious**  1 2 3 4 5 6 7

This experience was **tiring** 1 2 3 4 5 6 7

I forgot about my immediate surroundings while in the experience 1 2 3 4 5 6 7

I was physically sick during this experience 1 2 3 4 5 6 7

This experience was uncomfortable 1 2 3 4 5 6 7

P#\_\_\_\_\_\_\_\_\_\_\_ C #\_\_\_\_\_\_\_\_\_\_\_

*Your rationale for selecting the shape used for positive thoughts*

*Your rationale for selecting the shape used for neutral thoughts*

*Your rationale for selecting the shape used for negative thoughts*

*If this actually were your data, what could you learn from it?*

*Without counting precisely, tell me about the different categories, estimate amounts and proportions between categories.*

P#\_\_\_\_\_\_\_\_

Gender \_\_\_\_\_\_

Age \_\_\_\_\_\_

Occupation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How often do you use a pen-enabled device daily weekly monthly rarely never

How often do you use an AR/VR device daily weekly monthly rarely never

How often do you read charts/visualizations daily weekly monthly rarely never

How often do you create charts/visualizations daily weekly monthly rarely never

How often do you read infographics daily weekly monthly rarely never

Do you engage in self-tracking? yes no

If so, what do you track, since when, and how do you look at the data?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Do you like drawing/sketching? yes no

How often do you draw/sketch? daily weekly monthly rarely never

P#\_\_\_\_\_\_\_\_

What was the most **effective** experience for **looking** at the data for you?

What was the most **engaging** experience for you?

Overall, what aspect(s) did you **dislike** most?

Overall, what aspects(s) did you **enjoy** most?

How would we make the experience **more engaging**?