



### Tasks

#### Layer Toggling

\* Indicates a required question

1. E-mail\*

Sajjad.Bakrani@icmc.usp.br

1. How many subway stations are on Avenida Paulista? \*

1. What block has the highest concentration of crimes along Avenida Paulista? \*

Mention the intersection or reference street.

3

Uniform distribution

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. 2. What is your gender? \*

Select only one option.

Female

Male

Prefer not to say

2. What is the average household income in the census sector \* where the marker is located?

2558.7--

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

4. 3. What is your age group? \*

Select only one option.

3. Are there any favelas within a three-block radius nearby? \*
- How many? \*
- 0
- public transportation stations? Please explain your reasoning.

It looks like that

5. 4. What is your occupation? \*

Select only one option.

- 1 2 3 4 5

How confident are you in your answer? \*

Select only one option.

- 1 2 3 4 5

Not at all confident      Extremely confident

Researcher

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

Low overload       High overload

2. How comfortable did you feel performing the task? \*

Select only one option.

1 2 3 4 5

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1 2 3 4 5

Not novel      Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1 2 3 4 5

Very easy      Very difficult

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button?



6. Was the instruction phase clear? Please provide any feedback.

Yes, It was.

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

I didn't get it how the brush is helpful  
for the system.

8. For those who used a device: Did the use of the auxiliary device distract you during the task?

No distraction



## Tasks

### Layer Toggling

\* Indicates a required question.

1. E-mail\*

Ximena.pocco@usp.br

1. How many subway stations are on Avenida Paulista? \*

Mention the intersection or reference street.

3

Pas salem subterranea Deher

- How confident are you in your answer? \*

Select only one option.

1

2

3

4

5

- Not at all confident      Extremely confident

3. 2. What is your gender? \*

1. How many subway stations are on Avenida Paulista? \*

Select only one option.

Female

Male

- How confident are you in your answer? \*

Select only one option.

1

2

3

4

5

- Not at all confident      Extremely confident

4. 3. What is your age group? \*

3. Are there any favelas within a three-block radius nearby? \*

How many? \*

No, 0

- How confident are you in your answer? \*

Select only one option.

1

2

3

4

5

- Not at all confident      Extremely confident

3. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

Not with all the stations, I saw more crimes in the peak close to the station located in the middle, I guess it's the most frequented station.

5. 4. What is your occupation? \*

How confident are you in your answer? \*

Select only one option.

1

2

3

4

5

Researcher

- Not at all confident      Extremely confident

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1 2 3 4 5

Low overload       High overload

2. How comfortable did you feel performing the task? \*

Select only one option.

1 2 3 4 5

Uncomfortable      Very comfortable 

3. How novel do you find the tool? \*

Select only one option.

1 2 3 4 5

Not novel      Very novel 

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1 2 3 4 5

Very easy      Very difficult

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?  
*Hacen más visible el ícono de activo/desactivado de las capas.*  
*Me gustó la interacción con la herramienta*

6. Was the instruction phase clear? Please provide any feedback.

*Yes, it was, 10/10*

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button?



Select only one option.

1 2 3 4 5

Very easy     Very difficult

8. For those who used a device: Did the use of the auxiliary device distract you during the task? *I used G A T O*

No, it didn't distract me

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1 2 3 4 5

Low overload      High overload

2. How comfortable did you feel performing the task? \*

Select only one option.

1 2 3 4 5

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1 2 3 4 5

Not novel      Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1 2 3 4 5

Very easy      Very difficult

8 **For those who used a device:** Did the use of the auxiliary device distract you during the task?

Solo para realizar el zoom con el mouse en diferentes momentos el nivel de ruido.

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

Con respecto al realizar zoom a la imagen o al mapa y luego una gran ayuda podría ser de donde empieza una avenida y/o fermina.



**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1 2 3 4 5

Low overload      High overload

2. How comfortable did you feel performing the task? \*

Select only one option.

1 2 3 4 5

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1 2 3 4 5

Not novel     Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1 2 3 4 5

Very easy      Very difficult

For those who used a device: Was it easy to associate each layer with its corresponding key/button?



5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

- \* Tal vez sea bueno poner una capa de ocultación bien segura y relativamente segura, y relativamente segura y segura.
- \* Poner imágenes en las estaciones y fabicas, etc.
- \* Al hacer click en cada sección me de el punto de metro mas cercano y demás órdenes de (0 a 100) compártalo con otras secciones el 100 de robots de ese sector.

6. Was the instruction phase clear? Please provide any feedback.

Sí, fui entendible!

✓ Falto lugares seguros.



Tasks  
Layer Toggling

\* Indicates a required question.

1. E-mail\*

manuel.225it@gmail.com

1. How many subway stations are on Avenida Paulista? \*

2

2. 1. Name

Manuel

2. 2. What is your gender? \*

Select only one option.

Female

Male

Prefer not to say

3. 2. What is the average household income in the census sector where the marker is located?

14.026

How confident are you in your answer? \*

Select only one option.

1 2 3  4 5

Not at all confident     Extremely confident

3. What is the peak time for crimes on Avenida Paulista? \*

8-10 pm

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. What is your age group? \*

Select only one option.

Under 18

18-34

35-54

55 or older

4. 3. What is your age group? \*

Select only one option.

How many?

No, 0

3. Are there any favelas within a three-block radius nearby? \*

How many?

Under 18

18-34

35-54

55 or older

4. What is your occupation? \*

Select only one option.

Estudante

Estudante

5. How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

- How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

- Not at all confident     Extremely confident

Visibility Preserving Lenses

1. What block has the highest concentration of crimes along Avenida Paulista? \*  
Mention the intersection or reference street.

Rua Augusta e Av. Paulista

- How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

- How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

- Not at all confident     Extremely confident

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1	2	3	4	5
Low overload	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
High overload	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. How comfortable did you feel performing the task? \*

Select only one option.

1	2	3	4	5
---	---	---	---	---

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1	2	3	4	5
---	---	---	---	---

Not novel      Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1	2	3	4	5
---	---	---	---	---

Very easy      Very difficult

8. For those who used a device: Did the use of the auxiliary device distract you during the task? \*

Bueno, a mí me tocó usar el teclado, pero tenía muchas ganas de usar el mouse, creo que más que distracción fue la costumbre que tengo de usar el mouse y el teclado juntos.

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

Sí) me gustaría tener esa interfaz en mi dispositivo móvil

6. Was the instruction phase clear? Please provide any feedback.

Sí, las instrucciones fueron claras, creo que usando la interfaz algunas veces más, me familiarizara rápido

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button? Sí, fue muy fácil





\* Indicates a required question.

1. E-mail\*

cristianocc916@gmail.com

Tasks  
Layer Toggling

Visibility Preserving Lenses

1. How many subway stations are on Avenida Paulista? \*

Mention the intersection or reference street.

2

Avenida Paulista & Rua Carlos Gumpert

1. What block has the highest concentration of crimes along Avenida Paulista? \*

Select only one option.

How confident are you in your answer? \*

Select only one option.  
1 2 3 4 5

How confident are you in your answer? \*

Select only one option.  
1 2 3 4 5

Not at all confident ○ ○ ○ ● ○ Extremely confident

How confident are you in your answer? \*

Select only one option.  
 $\bar{X} = 9558.71$

How confident are you in your answer? \*

Select only one option.  
1 2 3 4 5

How confident are you in your answer? \*

Select only one option.  
1 2 3 4 5

Not at all confident ○ ○ ○ ● ○ Extremely confident

3. 2. What is your gender? \*

Select only one option.

Female  
 Male  
 Prefer not to say

2. What is the average household income in the census sector \* where the marker is located?

Select only one option.  
 $\bar{X} = 9558.71$

How confident are you in your answer? \*

Select only one option.  
1 2 3 4 5

How confident are you in your answer? \*

Select only one option.  
1 2 3 4 5

Not at all confident ○ ○ ○ ● ○ Extremely confident

4. 3. What is your age group? \*

Select only one option.

Under 18  
 18-34  
 35-54  
 55 or older

3. Are there any favelas within a three-block radius nearby? \*

How many?

○

How confident are you in your answer? \*

Select only one option.  
1 2 3 4 5

How confident are you in your answer? \*

Select only one option.  
1 2 3 4 5

Not at all confident ○ ○ ○ ● ○ Extremely confident

5. 4. What is your occupation? \*

STUDENT

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident ○ ○ ○ ● ○ Extremely confident



### Tasks

#### Layer Toggling

\* Indicates a required question.

1. E-mail\*
- 05

#### Visibility Preserving Lenses

1. What block has the highest concentration of crimes along Avenida Paulista? \*  
Mention the intersection or reference street.

- How confident are you in your answer? \*  
Select only one option.  
 1    2    3    4    5

- How confident are you in your answer? \*  
Select only one option.  
 1    2    3    4    5

3. What is your gender? \*  
Select only one option.  
 Female  
 Male  
 Prefer not to say

2. What is the average household income in the census sector? \*  
where the marker is located?

- How confident are you in your answer? \*  
Select only one option.  
 1    2    3    4    5

- How confident are you in your answer? \*  
Select only one option.  
 1    2    3    4    5

4. What is your age group? \*  
Select only one option.  
 Under 18  
 18-34  
 35-54  
 55 or older

- Not at all confident  Extremely confident

- Not at all confident  Extremely confident

3. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

- How confident are you in your answer? \*  
Select only one option.  
 1    2    3    4    5
- Sí, debido a lo concurrido de las estaciones de tren o bus tiene mayor conglomerado de personas y es reflejado en el vandalismo o robo.

- Not at all confident  Extremely confident

- How confident are you in your answer? \*  
Select only one option.  
 1    2    3    4    5

- Not at all confident  Extremely confident

5. What is your occupation? \*

-

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1    2    3    4    5

Low overload       High overload

2. How comfortable did you feel performing the task? \*

Select only one option.

1    2    3    4    5

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1    2    3    4    5

Not novel      Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1    2    3    4    5

Very easy      Very difficult

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

Laución acción de Servicios Pùblicos  
(Restaurante, hospitales,  
supermercados, etc).

6. Was the instruction phase clear? Please provide any feedback.

Sí! Sin embargo no crea que las instrucciones  
podían hacerlo tan fácil sin instrucciones.

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button? \*



Select only one option.

1    2    3    4    5

Very easy      Very difficult

8. For those who used a device: Did the use of the auxiliary device distract you during the task? \*

Usé el teclado y los números me  
fue más fácil tener al cumbia en el



\* Indicates a required question.

1. E-mail\*

abrahamsong94@icloud.com

## Tasks Layer Toggling

### Visibility Preserving Lenses

1. How many subway stations are on Avenida Paulista? \*

2

1. What block has the highest concentration of crimes along Avenida Paulista? \*  
Mention the intersection or reference street.

RUA LEO NCIO DE CARVALHO

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

2. What is the average household income in the census sector\* where the marker is located?

9558.71

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. What is your gender? \*

Select only one option.

Female  
 Male  
 Prefer not to say

4. 3. What is your age group? \*

Select only one option.

Under 18  
 18-34  
 35-54  
 55 or older

3. Are there any favelas within a three-block radius nearby? \*

Select only one option.

How many? NO

3. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

NO, BECAUSE THERE ARE STATIONS WITH LESS CRIMES THAN OTHER PARTS OF THE AVENUE

5. 4. What is your occupation? \*

How confident are you in your answer? \*

Select only one option.

PhD Student

1 2 3 4 5

Not at all confident      Extremely confident

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1    2    3    4    5

Low overload      High overload

6. Was the instruction phase clear? Please provide any feedback.

VERY CLEAR

2. How comfortable did you feel performing the task? \*

Select only one option.

1    2    3    4    5

Uncomfortable      Very comfortable

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button?



Select only one option.

1    2    3    4    5

Not novel      Very novel

Very easy      Very difficult

4. How difficult was it to learn how to use the tool? \*

Select only one option.

8. For those who used a device: Did the use of the auxiliary device distract you during the task?

NOT DISTRACTING.

Very easy      Very difficult

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

- LESS DETAILS ON THE MAP  
(NOT DISPLAY INDIVIDUAL BUILDINGS)  
- MAYBE USE MORE BRIGHTER COLORS



**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1    2    3    4    5

Low overload      High overload

2. How comfortable did you feel performing the task? \*

Select only one option.

1    2    3    4    5

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1    2    3    4    5

Not novel      Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1    2    3    4    5

Very easy       Very difficult

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

No solo necesitaba suficiente para usar las pantallas, cuando posee el cursor por cada menú existe el "zoom".

6. Was the instruction phase clear? Please provide any feedback.

No tiene paciencia al menos hizo reaficiar al momento de explicar la activación de las pestañas.

For those who used a device: Was it easy to associate each layer with its corresponding key/button?





### Tasks

#### Layer Toggling

\* Indicates a required question.

1. E-mail\*

O.laurani@usp.br

1. How many subway stations are on Avenida Paulista? \*

3

2. What is the average household income in the census sector where the marker is located?

9558,7

2. What is the peak time for crimes on Avenida Paulista? \*

7:27 pm - 8:30 pm

3. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

Si, en la hora pico hay un incremento de puntos cerca de las estaciones

1. What block has the highest concentration of crimes along Avenida Paulista? \*

Mention the intersection or reference street.

Rua Pamplona - Alameda Rio Claro

2. How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

3. How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

4. How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

5. How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

#### Visibility Preserving Lenses

### Tasks

1. Name

Oskar Laurani

2. 1. Name

Oskar Laurani

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident ○ ○ ○ ○ ✕ Extremely confident

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident ○ ○ ✕ ○ ○ Extremely confident

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident ○ ○ ○ ○ ✕ Extremely confident

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident ○ ○ ○ ○ ✕ Extremely confident

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident ○ ○ ○ ○ ✕ Extremely confident

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident ○ ○ ○ ○ ✕ Extremely confident

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident ○ ○ ○ ○ ✕ Extremely confident

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

Low overload	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	High overload
1	2	3	4	5		

2. How comfortable did you feel performing the task? \*

Select only one option.

1	2	3	4	5
---	---	---	---	---

Uncomfortable      Very comfortable

6. Was the instruction phase clear? Please provide any feedback.

Si, las instrucciones fueron claras

7. **For those who used a device:** Was it easy to associate each layer with its corresponding key/button? \*



3. How novel do you find the tool? \*

Select only one option.

1	2	3	4	5
---	---	---	---	---

Not novel      Very novel

Very easy      Very difficult

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1	2	3	4	5
---	---	---	---	---

8. **For those who used a device:** Did the use of the auxiliary device distract you during the task? \*

Very easy      Very difficult

No

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

Al seleccion uno de los dispositivos que se resulte



\* Indicates a required question.

1. E-mail\*

IndieReligions.contact@gmail.com

2. 1. Name

José Luiz Souza Júnior

3. 2. What is your gender?\*

Select only one option.

Female  
 Male  
 Prefer not to say

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

2. What is the average household income in the census sector\* where the marker is located?

9558,71

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

4. 3. What is your age group?\*

Select only one option.

Under 18  
 18-34  
 35-54  
 55 or older

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. Are there any favelas within a three-block radius nearby? \*

How many?

0

Sim, existem favelas nessa área.  
Quero dizer se é muito ou pouco.

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

5. 4. What is your occupation? \*

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

Tasks

Layer Toggling

Visibility Preserving Lenses

1. What block has the highest concentration of crimes along Avenida Paulista? \*

Mention the intersection or reference street.

Avenida Paulista x Vila Madalena, Jardim

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

2. How many subway stations are on Avenida Paulista? \*

Mention the intersection or reference street.

8

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. What is the peak time for crimes on Avenida Paulista? \*

Mention the intersection or reference street.

9 P.M.

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

4. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

Mention the intersection or reference street.

Sim, existem muitas estações de metrô.

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

Protestant do Só (some)

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1	2	3	4	5
Low overload	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
High overload				

2. How comfortable did you feel performing the task? \*

Select only one option.

1	2	3	4	5
Uncomfortable	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Very comfortable				

3. How novel do you find the tool? \*

Select only one option.

1	2	3	4	5
Not novel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Very novel				

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1	2	3	4	5
Very easy	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Very difficult				

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

Geti do auxiliar de se o improvements do choro  
Torn a shales para gretas de uno  
Locakids.

6. Was the instruction phase clear? Please provide any feedback.

Sim

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button?





## Tasks

### Layer Toggling

\* Indicates a required question.

† E-mail\*

enrique@up.br

1. How many subway stations are on Avenida Paulista?\*

3

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

2. What is your gender?\*

Select only one option?

Female

Male

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. What is your age group?\*

Select only one option.

Under 18

18-34

35-54

55 or older

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

4. What is your gender?\*

Select only one option.

Female

Male

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

5. What is your occupation?\*

Student

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

### Visibility Preserving Lenses

1. What block has the highest concentration of crimes along Avenida Paulista?\*

Mention the intersection or reference street.

The block with the intersection on Rua Augusto.

2. What is the average household income in the census sector?\*

where the marker is located?

1558.7

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

2. What is the peak time for crimes on Avenida Paulista?\*

between

7PM and 8PM

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

Yes there is. The reason are the public transportation have more density of people. The bus took help with this conclusion.

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1 2 3 4 5

Low overload      High overload

2. How comfortable did you feel performing the task? \*

Select only one option.

1 2 3 4 5

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1 2 3 4 5

Not novel      Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1 2 3 4 5

Very easy      Very difficult

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

I believe my mind kept within the layers over load. I found really useful the not shade approach with the brush and the line highlighting (but I tested using the shade approach)

6. Was the instruction phase clear? Please provide any feedback.

The instructions were clear.

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button?



Select only one option.

1 2 3 4 5

Very easy      Very difficult

8. For those who used a device: Did the use of the auxiliary device distract you during the task?

The keyboard number pad didn't distract me.



## Tasks

### Layer Toggling

\* Indicates a required question.

1. E-mail\*

jogoumres@usp.br

2. Name

José Victor Gómez  
Nunes de Souza

3. What is your gender?

- Select only one option.
- Female  
 Male  
 Prefer not to say

2. What is the average household income in the census sector\*  
where the marker is located?

R\$ 9.558,71

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

2. What is the peak time for crimes on Avenida Paulista? \*

9 pm (21 hrs)

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. Do you think there is a relationship between crime rates and the proximity of \*  
public transportation stations? Please explain your reasoning.

*Sim, considerando a intensidade elevada de  
qua favelas na Av. Paulista, quando entro  
para dentro tem mais chance de  
desconforto e roubos.*

*Sou de opinião, porque os bairros  
mais ricos tem menor roubos.*

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident     Extremely confident

5. What is your occupation? \*

*Backend Developer*

### Visibility Preserving Lenses

1. What block has the highest concentration of crimes along Avenida Paulista? \*  
Mention the intersection or reference street.

*Na Av Paulista, com a rua Paralela.*

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1 2 3 4 5

Low overload      High overload

2. How comfortable did you feel performing the task? \*

Select only one option.

1 2 3 4 5

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1 2 3 4 5

Not novel      Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1 2 3 4 5

Very easy     Very difficult

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

No, this does not distract me, no  
overlaid when trying to perform a  
task or means to perform a  
task does distract

6. Was the instruction phase clear? Please provide any feedback.

fairly

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button?



Select only one option.

1 2 3 4 5

Very easy     Very difficult

8. For those who used a device: Did the use of the auxiliary device distract you during the task?

*Some*

15:00 3 min 15:15 - 15:11  
2 10 40



\* Indicates a required question.

1. E-mail\*

israel.human

2. Name

Israél Human

3. What is your gender?\*

Select only one option.

Female

Male

Prefer not to say

4. What is your age group?\*

Select only one option.

Under 18

18-34

35-54

55 or older

5. What is your occupation?\*

Select only one option.

Researcher and Dev

## Tasks

### Layer Toggling

#### Visibility Preserving Lenses

1. How many subway stations are on Avenida Paulista?\*

3

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

2. What is the average household income in the census sector\* where the marker is located?

5558

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. What is the peak time for crimes on Avenida Paulista?\*

7:30 - 8:30 pm  
7:45 - 8:45

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

4. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

Sí hay en la ciudad una relación de media paralela, sí hay relación entre la densidad de población y la tasa de criminalidad.

How confident are you in your answer?\*  
Select only one option.  
1 2 3 4 5

Not at all confident      Extremely confident

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

Low overload      High overload

**Screen key**

2. How comfortable did you feel performing the task? \*

Select only one option.

1    2    3    4    5

Uncomfortable      Very comfortable

6. Was the instruction phase clear? Please provide any feedback.

Claro para ser más fácil video. → foto

3. How novel do you find the tool? \*

Select only one option.



Select only one option.

1    2    3    4    5

Not novel      Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.



Select only one option.

1    2    3    4    5

Very easy      Very difficult

✓ 6. For those who used a device: Did the use of the auxiliary device distract you during the task?

Very easy      Very difficult

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements, or changes to suggest?

• Filtro de himno ocupa mucho espacio → resize \*

• Legendas → se olvidó → tener revisar. → tener que no es natural /



## Tasks

### Layer Toggling

\* Indicates a required question.

E-mail\*

niko.codex@gmail.com

1. How many subway stations are on Avenida Paulista?\*

03 stations,

1. What block has the highest concentration of crimes along Avenida Paulista?\*

Mention the intersection or reference street.  
SOUTH-EAST.

3. Are there any favelas within a three-block radius nearby? \*

How confident are you in your answer?\*  
Select only one option.  
1 2 3 4 5

4. What is the peak time for crimes on Avenida Paulista?\*

How confident are you in your answer?\*  
Select only one option.  
6:20 - 9:32 am.

5. Do you think there is a relationship between crime rates and the proximity of \* public transportation stations? Please explain your reasoning.

Pienso que si tiene una relación, debido a que si sea una av. principal, muchos usuarios de transporte desplazan de metro, recorriendo a diversos servicios (tiendas, etc) cercanos a la av. paulista, recorriendo a sus bocas usando estos medios de transporte mencionados.

6. How confident are you in your answer?\*

Select only one option.  
1 2 3 4 5

### Visibility Preserving Lenses

1. Name

Wilber Nogueira Chaves Vazquez

2. What is your gender?\*

Select only one option.

Female

Male

Prefer not to say

3. What is your age group?\*

Select only one option.

Under 18  
18-34 (me)  
35-54  
55 or older

4. What is your occupation?\*

Phd Student.

5. How confident are you in your answer?\*

Select only one option.

Extremely confident

Not at all confident

6. How confident are you in your answer?\*

Select only one option.

Extremely confident

Not at all confident

7. How confident are you in your answer?\*

Select only one option.

Extremely confident

Not at all confident

8. How confident are you in your answer?\*

Select only one option.

Extremely confident

Not at all confident

9. How confident are you in your answer?\*

Select only one option.

Extremely confident

Not at all confident

10. How confident are you in your answer?\*

Select only one option.

Extremely confident

Not at all confident

**Questionnaire**

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

No tengo un feedback, lo herramientas que me sirven de relajación a los torres solitarios.

1. How much visual overload did you experience with the layers? \*

Select only one option.

Low overload      High overload

6. Was the instruction phase clear? Please provide any feedback.

Sí las instrucciones fueron lo suficientemente claras.

2. How comfortable did you feel performing the task? \*

Select only one option.

1 2 3 4 5

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1 2 3 4 5

Not novel      Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1 2 3 4 5

Very easy      Very difficult

8. **For those who used a device:** Did the use of the auxiliary device distract you during the task?

No tiene distracciones al respecto, pudo operar sin auxiliado con el dispositivo usado.



\* Indicates a required question

E-mail\*

VINICIUSRPB@UNB.BR  
2

## Tasks

### Layer Toggling

#### Visibility Preserving Lenses

1. How many subway stations are on Avenida Paulista? \*

Mention the intersection or reference street.

Passagem Subterrânea Dáthen E/105

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

2. What is the average household income in the census sector \*

~ 9558.71205

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. What is your gender? \*

Select only one option.

Female  
 Male  
 Prefer not to say

3. Are there any favelas within a three-block radius nearby? \*

How many?

No favelas.

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

In case of Av. Paulista, I believe that is not a relationship ~~but~~ when compared to other less crowded streets and avenues. I visualize that crowded avenues and streets have thefts across ~~and~~ them while ~~less~~ crowded ones are more likely to have issues.

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

4. What is your occupation? \*

Assistant Professor

Not at all confident      Extremely confident near public transportation stations.



\* Indicates a required question.

1. E-mail\*

guttoroarb@gmail.com

A

2. 1. Name

Guttoro Barro

3. 2. What is your gender?\*

Select only one option.

Female

Male

Prefer not to say

2. What is the average household income in the census sector\* where the marker is located?

9558.71

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

4. 3. What is your age group?\*

Select only one option.

Under 18

18-34

35-54

55 or older

3. Are there any favelas within a three-block radius nearby? \*

How many?

No, 0

3. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

Sim, usando a ferramenta de busca  
creio que o raio diminui ligeiramente  
ao redor das estações

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

5. 4. What is your occupation? \*

Dilecto/a/edor

Tasks  
Layer Toggling

Visibility Preserving Lenses

1. How many subway stations are on Avenida Paulista? \*

Mention the intersection or reference street.

Rua Frei Caneca, Rua Carlos Gomes

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

2. What is the peak time for crimes on Avenida Paulista? \*

7:45:04 PM - 8:17:33 PM

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

Sim, usando a ferramenta de busca  
creio que o raio diminui ligeiramente  
ao redor das estações

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

4. What is your occupation? \*

Dilecto/a/edor

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1 2 3 4 5

Low overload  High overload

2. How comfortable did you feel performing the task? \*

Select only one option.

1 2 3 4 5

Uncomfortable  Very comfortable

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button?



Replace  
the squares  
in "J" in  
menu by  
the bottoms  
(icons) of  
Stream  
Deck.

Select only one option.

Very easy  Very difficult

4. How difficult was it to learn how to use the tool? \*

Select only one option.

8. For those who used a device: Did the use of the auxiliary device distract you during the task?

I believe no.

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

Hover of 6. Socioeconomic data, Print the float numbers with precision Limited 2 decimal points. Replace variable name style (e.g. "menors - de - 1g - anor - taxa") by Taxo Menors do 1g ans", i.e., in natural language.

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

Low overload	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	High overload
	1	2	3	4	5		

2. How comfortable did you feel performing the task? \*

Select only one option.

1    2    3    4    5

Uncomfortable	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Very comfortable
---------------	-----------------------	-----------------------	-----------------------	----------------------------------	-----------------------	------------------

3. How novel do you find the tool? \*

Select only one option.

1    2    3    4    5

Not novel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Very novel
-----------	-----------------------	-----------------------	-----------------------	----------------------------------	-----------------------	------------

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1    2    3    4    5

Very easy	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very difficult
-----------	----------------------------------	-----------------------	-----------------------	-----------------------	-----------------------	----------------

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

Achei muito interessante, ou única hora que vi foi que os botões eram físicos, selecionei uma maneira filtragem por tempo

6. Was the instruction phase clear? Please provide any feedback.

Sim

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button?





\* Indicates a required question.

1. E-mail\*

bno.pjrm@gmail.com

2. 1. Name

Bruno Pjrm

3. 2. What is your gender?\*

Select only one option.

Female

Male

Prefer not to say

4. 3. What is your age group?\*

Select only one option.

Not at all confident      Extremely confident

1 2 3 4 5

5. 4. What is your occupation?\*

Select only one option.

Precocadore

Tasks  
Layer Toggling

Visibility Preserving Lenses

1. How many subway stations are on Avenida Paulista? \*

3

Avenida Paulista com Rua Augusta

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

6. 2. What is the average household income in the census sector where the marker is located?

R\$ 9.000,00

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

7. 2. What is the peak time for crimes on Avenida Paulista? \*

18:30 ou 19:30

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

8. 3. Are there any favelas within a three-block radius nearby? \*

How many?

Não

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

9. 3. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

Praia que há 400 favelas de Crianças ou adolescentes de Ponte de Minhocão para lá, maior densidade de crimes nessa área, quando comparado com áreas de menor densidade de transporte público

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1 2 3 4 5

---

Low overload      High overload

2. How comfortable did you feel performing the task? \*

Select only one option.

1 2 3 4 5

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1 2 3 4 5

Not novel     Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1 2 3 4 5

Very easy      Very difficult

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

*Entiendo que la interfaz es muy buena y funciona bien. Solo que el programa de control de la tira para ver las imágenes es un poco lento.*

6. Was the instruction phase clear? Please provide any feedback.

*Sí, la instrucción para usar la aplicación es clara.*

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button? \*



Select only one option.

1 2 3 4 5

Very easy      Very difficult

8. For those who used a device: Did the use of the auxiliary device distract you during the task? \*

*Miembro difícil de fijar memorizar qué botones del teclado correspondían a qué capas de información. Además, el uso del ordenador siempre distraía la tela para confirmar lo que se veía en la pantalla.*



\* Indicates a required question.

E-mail\*

PRISCILLA.SILVA@USP.BR

Tasks  
Layer Toggling

Visibility Preserving Lenses

1. How many subway stations are on Avenida Paulista? \*

3

1. What block has the highest concentration of crimes along Avenida Paulista? \*  
Mention the intersection or reference street.

Cruzeamento Av Paulista e/Av. Brigadeiro Luis Antônio

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

Not at all confident     Extremely confident

2. What is your gender? \*

Select only one option.

Female

Male

Prefer not to say

2. What is the average household income in the census sector? \*  
where the marker is located?

958.7

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

Not at all confident     Extremely confident

3. What is your age group? \*

Select only one option.

Under 18

18-34

35-54

55 or older

3. Are there any favelas within a three-block radius nearby? \*  
How many?

0

Not at all confident      Extremely confident

Not at all confident     Extremely confident

3. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

Fora do horário de pico, sim.  
No horário de pico não parece  
existir relação.

4. What is your occupation? \*

How confident are you in your answer? \*  
Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

Phd Student

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

Low overload       High overload  
1 2 3 4 5

2. How comfortable did you feel performing the task? \*

Select only one option.

1 2 3 4 5

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1 2 3 4 5

Not novel      Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1 2 3 4 5

Very easy      Very difficult

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

A comando Trip e um pouco confusa de usar preferir a visualizar

6. Was the instruction phase clear? Please provide any feedback.

Sim. Sugestão: Seria bom o participante "brincar" com 2 diferentes interfaces explorar

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button?





\* Indicates a required question.

E-mail\*

MarcusvlCosta.susp.br

Tasks  
Layer Toggling

1. How many subway stations are on Avenida Paulista? \*

5

1. What block has the highest concentration of crimes along Avenida Paulista? \*

Mention the intersection or reference street.  
Paulista Avenue

Visibility Preserving Lenses

1. What block has the highest concentration of crimes along Avenida Paulista? \*

Mention the intersection or reference street.  
Paulista Avenue

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

2. What is the average household income in the census sector where the marker is located?

R\$ 9.558,00

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. What is your age group? \*

Select only one option.

Under 18

18-34

35-54

55 or older

Not at all confident      Extremely confident

3. Are there any favelas within a three-block radius nearby? \*

How many?

0

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

3. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

Sim. Deve ser maior concentração de pessoas dentro das estatações de trem e ônibus que vivem perto delas.

4. What is your occupation? \*

Student

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1    2    3    4    5

Low overload  High overload

Low overload  High overload

2. How comfortable did you feel performing the task? \*

Select only one option.

1    2    3    4    5

Uncomfortable  Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1    2    3    4    5

Not novel  Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1    2    3    4    5

Very easy  Very difficult

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

*Podría ser una mejor forma de usarlo  
cuando se realizan operaciones.*

6. Was the instruction phase clear? Please provide any feedback.

*All phases.*

7. **For those who used a device:** Was it easy to associate each layer with its corresponding key/button?



Select only one option.

1    2    3    4    5

Very easy  Very difficult

8. **For those who used a device:** Did the use of the auxiliary device distract you during the task?

*No. Stream deck was the best device for me,  
and the mouse is useful to zoom  
between the layers.*



Indicates a required question.

E-mail\*

Samuelmarques@uol.br

## Tasks

### Layer Tagging

#### Visibility Preserving Lenses

1. How many subway stations are on Avenida Paulista?\*

Mention the intersection or reference street.

3

How confident are you in your answer?\*

Select only one option.

1  
2  
3  
4  
5

How confident are you in your answer?\*

Select only one option.

1  
2  
3  
4  
5

2. What is the average household income in the census sector\* where the marker is located?

9558,71

Aproximadamente às 20:00

How confident are you in your answer?\*

Select only one option.

1  
2  
3  
4  
5

3. What is your age group?\*

Select only one option.

3. Are there any favelas within a three-block radius nearby? \*

How many?

Não

3. Do you think there is a relationship between crime rates and the proximity of public transportation stations? Please explain your reasoning.

Sum. Há uma alta concentração de  
ocorrências em ruas com muitos estabelecimentos

How confident are you in your answer?\*

Select only one option.

1  
2  
3  
4  
5

4. What is your occupation?\*

How confident are you in your answer?\*

Select only one option.

1  
2  
3  
4  
5

professor de pós - graduação

How confident are you in your answer?\*

Select only one option.

1  
2  
3  
4  
5

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

1    2    3    4    5

Low overload         High overload

2. How comfortable did you feel performing the task? \*

Select only one option.

1    2    3    4    5

Uncomfortable         Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1    2    3    4    5

Not novel         Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1    2    3    4    5

Very easy         Very difficult

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

Incluir a variadas temporal das curvas por regras (buffer)

6. Was the instruction phase clear? Please provide any feedback.

Sum:

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button?





\* Indicates a required question

E-mail\*

mariavpde@gmail.com

### Tasks

#### Layer Toggling

#### Visibility Preserving Lenses

1. How many subway stations are on Avenida Paulista?\*

1. What block has the highest concentration of crimes along Avenida Paulista?\*

Mention the intersection or reference street.

2

Rua Pamplona

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

2. What is your gender?\*

Select only one option.

Female

Male

Prefer not to say

955 8.71 20

2. What is the average household income in the census sector\* where the marker is located?

6:58 04 PM - 9:15:02 AM

2. What is the peak time for crimes on Avenida Paulista?\*

6:58 04 PM - 9:15:02 AM

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident     Extremely confident

3. What is your age group?\*

Select only one option.

Under 18

18-34

35-54

55 or older

Não

How many?

Naõ

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident     Extremely confident

4. What is your occupation?\*

Select only one option.

Pós-graduando

How confident are you in your answer?\*

Select only one option.

1 2 3 4 5

Not at all confident     Extremely confident

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

Low overload	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	High overload
	1	2	3	4	5	

2. How comfortable did you feel performing the task? \*

Select only one option.

1	2	3	4	5
---	---	---	---	---

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1	2	3	4	5
---	---	---	---	---

Not novel      Very novel



7. For those who used a device: Was it easy to associate each layer with its corresponding key/button?

Sum,

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

Realizar a missão para os estados do Brasil.

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1	2	3	4	5
---	---	---	---	---

Very easy      Very difficult

8. For those who used a device: Did the use of the auxiliary device distract you during the task? \*

Very easy    Very difficult



\* Indicates a required question.

## Tasks

### Layer Toggling

1. How many subway stations are on Avenida Paulista? \*

Luisa Rodrigues de Souza USP BR

1. E-mail\*

2. Name

Luisa Rodrigues

3. What is your gender? \*

Select only one option.

Female

Male

Prefer not to say

2. What is the average household income in the census sector where the marker is located?

Mais de R\$ 4026,00

2. What is the peak time for crimes on Avenida Paulista? \*

a noite por volta das 5:15pm - 12pm

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

### Visibility Preserving Lenses

1. What block has the highest concentration of crimes along Avenida Paulista? \*

Mention the intersection or reference street.

A concentração de crimes é muito importante

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

5. 4. What is your occupation? \*

Educar (Educação)

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

How confident are you in your answer? \*

Select only one option.

1 2 3 4 5

Not at all confident      Extremely confident

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

Low overload       High overload

2. How comfortable did you feel performing the task? \*

Select only one option.

1 2 3 4 5

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1 2 3 4 5

Not novel      Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1 2 3 4 5

Very easy      Very difficult

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest? \*

Y/N,

6. Was the instruction phase clear? Please provide any feedback.

—

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button?



Select only one option.

1 2 3 4 5

Very easy      Very difficult

8. For those who used a device: Did the use of the auxiliary device distract you during the task? \*

Y/N,



\* Indicates a required question.

E-mail\*

Kain.jv@up.br

### Tasks

#### Layer Toggling

1. How many subway stations are on Avenida Paulista? \*

4

1. What block has the highest concentration of crimes along Avenida Paulista? \*

Mention the intersection or reference street

En toda la Av. Paulista

#### Visibility Preserving Lenses

2. What is your gender? \*

Select only one option.

Female

Male

Prefer not to say

3. Are there any favelas within a three-block radius nearby? \*

How many?

1

4. What is your occupation? \*

How confident are you in your answer? \*

Select only one option.

Not at all confident

1

2

3

4

5

How confident are you in your answer? \*

Select only one option.

Not at all confident

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How confident are you in your answer? \*

Select only one option.

Not at all confident

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How confident are you in your answer? \*

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How confident are you in your answer? \*

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Select only one option.

Not at all confident

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Not at all confident

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Not at all confident

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How confident are you in your answer? \*

Select only one option.

Not at all confident

1

2

3

4

5

How confident are you in your answer? \*

Select only one option.

Not at all confident

<input type="radio

**Questionnaire**

1. How much visual overload did you experience with the layers? \*

Select only one option.

Low overload	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
High overload	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

2. How comfortable did you feel performing the task? \*

Select only one option.

1    2    3    4    5

Uncomfortable      Very comfortable

3. How novel do you find the tool? \*

Select only one option.

1    2    3    4    5

Not novel      Very novel

4. How difficult was it to learn how to use the tool? \*

Select only one option.

1    2    3    4    5

Very easy     Very difficult

5. Do you have any additional feedback or comments about your experience using the tool? Do you have any improvements or changes to suggest?

colores muy claros

6. Was the instruction phase clear? Please provide any feedback.

Claramente como el agua

7. For those who used a device: Was it easy to associate each layer with its corresponding key/button?

