Understanding bystander's definition and feelings in online sharing photos

Consent

Participant Information Sheet

This study was certified according to [our institute], reference number [××××]. Please take time to read the following information carefully. You should keep this page for your records.

Who are the researchers?

REDACTED.

What is the purpose of the study?

Our study aims to provide a comprehensive perspective on bystander definition from the viewpoint of the photographed individuals. Additionally, we seek to identify the influential factors that impact bystanders' comfort levels regarding appearing as bystanders in online sharing photos. This will help us develop context-aware detectors to manage facial photos shared on social media.

Why have I been asked to take part?

You have been invited to take part in the study because you expressed an interest in this study. You are 18 years old or above and fluent in English.

Do I have to take part?

No – participation in this study is entirely up to you. You can withdraw from the study at any time, up until 10 days after the completion of the survey, the point prior to the process of data analysis in the study without giving a reason. After this point, personal data will be deleted and anonymised data will be combined such that it is impossible to remove individual information from the analysis. Your rights will not be affected. If you wish to withdraw, contact *REDACTED*. We will keep copies of your original consent, and of your withdrawal request.

What will happen if I decide to take part?

In the survey, you will encounter 16 scenarios, and for each one, you'll be prompted to answer

questions from the perspective of the photographed person. These questions focus on defining "bystander" and capturing your feelings regarding the public sharing of the respective photo. You will also be asked to provide basic demographic information and questions about your privacy preference. The entire survey takes about 26-30 minutes to complete.

Compensation.

You will be paid £4.05 for your participation in this study.

Are there any risks associated with taking part?

There are no significant risks associated with participation. The risks and discomfort associated with participation in this study are no greater than those ordinarily encountered in daily life or during the use of the online social network.

Are there any benefits associated with taking part?

Your answers can help researchers learn more about how to manage facial photos in the context of online photo sharing.

What will happen to the results of this study?

The results of this study may be summarised in published articles, reports and presentations. Quotes or key findings will be anonymized: We will remove any information that could, in our assessment, allow anyone to identify you. With your consent, information can also be used for future research. Your data may be archived for a maximum of four years. All potentially identifiable data will be deleted within this timeframe if it has not already been deleted as part of anonymization.

Data protection and confidentiality.

Your data will be processed in accordance with Data Protection Law. All information collected about you will be kept strictly confidential. Your data will be referred to by a unique participant number rather than by name. All electronic data will be stored on a password-protected encrypted computer, on [our institute]'s secure file servers, or on [our institute]'s secure encrypted cloud storage services (DataShare, ownCloud, or Sharepoint) and all paper records will be stored in a locked filing cabinet in the REDACTED's office. Your consent information will be kept separately from your responses in order to minimise risk.

What are my data protection rights?

[Our institute]' is a Data Controller for the information you provide. You have the right to access information held about you. Your right of access can be exercised in accordance Data Protection Law. You also have other rights including rights of correction, erasure and objection.

For more details, including the right to lodge a complaint with *REDACTED*'s Office, please visit *REDACTED*. Questions, comments and requests about your personal data can also be sent to *REDACTED*. For general information about how we use your data, go to: [our institute website]

Who can I contact?

If you have any further questions about the study, please contact the lead researcher, *REDACTED*. If you wish to make a complaint about the study, please contact *REDACTED*. When you contact us, please provide the study title and detail the nature of your complaint.

Updated information.

If the research project changes in any way, an updated Participant Information Sheet will be made available on [our institute website].

By proceeding with the study, I agree to all of the following statements:

- I have read and understood the above information.
- I understand that my participation is voluntary, and I can withdraw at any time.
- I consent to my anonymised data being used in academic publications and presentations.
- I allow my data to be used in future ethically approved research.
- I am over over 18 years old and fluent in English.

\bigcirc	I agree
\bigcirc	I disagree and exit the survey

Prolific ID

What is your Prolific ID?

Please note that this response should auto-fill with the correct ID

\${e://Field/PROLIFIC_PID}

Demographics

Demographics

What is your age?

- 0 18-24
- 0 25-34
- 35-44
- 0 45-54
- 55 or older

What is your gender?

- O Male
- O Female
- O Non-binary / third gender

Prefer not to say

Please specify your ethnicity

- O African American/Black
- O Hispanic or Latino
- Asian
- O Native American
- Middle Eastern
- White or Caucasian
- Multiple races
- Others
- Prefer not to answer

What is your highest level of education?

- O Less than high school
- O High school or equivalent
- O Some college,no degree
- O Associate's degree,occupational
- O Associate's degree,academic
- O Bachelor's Degree
- O Master's Degree
- O Professional Degree
- O Doctoral Degree
- O Prefer not to say

Do you currently have a job (or previously worked) in computer science, information technology, or some other technical field? Or, if you are a student, do you study one of these topics in your degree program?

\bigcirc	Yes
\bigcirc	No
\bigcirc	Prefer not to say

Scenario Description

Instructions on Scenario-related Questions

In this section, you'll engage with **16** scenarios, each accompanied by an image and detailed description. Your task is to immerse yourself in each scenario, envision yourself as the individual portrayed in the designated photo, and then respond to related questions.

The scenario description will include information about:

- Cl. The location of the photograph: public space (e.g., restaurant, street, etc.) or private space (e.g., office, company, school, hospital, home, conference, etc.)
- D. The intended topic of the photo: featuring people, activities, objects, or others (e.g., daily vlog, street/scenic spot/park view, etc.)
- C. The relationship between you and the photographer: stranger or acquaintance.

- C. Your consent regarding being photographed:
 - 1) **Aware and actively participating**: You are willing to actively engage in the shooting activities when being photographed. For example, you may pose intentionally when you notice photographers around you, or you may follow specific instructions from the photographer regarding posing.
 - 2) Aware: You are aware of being photographed but not actively participating.
 - 3) **Unaware**: You are not aware of being photographed.
- e. Whether the photographer mentioned you in the caption or accompanying text when uploading the photo to a social media platform (e.g., using @ on Twitter).

After understanding the context provided, you will be prompted to answer the following questions:

- Cl. Your perception of yourself as a **bystander and reasons**. This involves considering both the content of the photo and the contextual description of its capture and upload.
- D. Evaluation of whether you are positioned in the background of the image, solely utilizing visual cues within the image and a provided scale to articulate your judgment.
- C. Your feelings about the image being publicly shared on social media platforms.
- d. Evaluation of your level of **sensitivity** to the information presented or conveyed within the image, using a provided scale to express your judgment.
- C. Your perception of the sentiment of the photo, referring to the emotions conveyed by the image and using a provided scale to express your judgment.

When responding to questions about position, sensitivity, and sentiment, you can refer to the accompanying tips provided after each question. We use the symbol "?" to indicate tips. You can hover over the symbol to view the tips, which will provide helpful guidance for your responses.

Scenario-related Questions 1

Scenario \$ {e://Field/__js_block} out of 16

You (Person A) were observing animals at the **zoo**. A **stranger** nearby captured a photo **featuring you** (as depicted in the figure below) using their phone. You were **not aware** of the photo being taken. The photo producer uploaded this photo on their social media account and **didn't mention** you.



To what extent do	you perceive	yourself as	a bystand	er in
the photo?				

Definitely not a Probably not a Unsure Probably a Definitely a bystander bystander bystander

To what extent do you agree or disagree with the statement? I am in the background of this image. ?

Strongly	Disagree	Neither agree	Agree	Strongly agree
disagree		nor disagree		\bigcirc

What is (are) the main reason(s) for thinking that you were the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

☐ This photo is not focused on me.
☐ There is no specific subject in this photo.
☐ I am in the background of this photo.
$\hfill\square$ My appearance is different than other people in this photo.
☐ My activity is different than other people in this photo.
☐ I am blocked by other people/objects.
☐ The uploader didn't mention me.
I did not actively participate in photography.

My relationship with the uploader leads me to perceive myself as a bystander in the photo.
Other (Please describe)
What is (are) the main reason(s) for thinking that you were not the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)
This photo is focused on me.
This photo is about what I was doing.
I am the only person in the photo.
I am taking a large space in the photo.
I was doing the same activity as other people in this photo.
The appearance of me is similar to other people of this photo.
I actively participated in photography.
The uploader mentioned me.
I am in the foreground of this photo.
My relationship with the uploader leads me to perceive myself not as a bystander in the photo.
Other (Please describe)

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9/12/24, 10:31 AM

Why do you think it is hard to decide whether you were a bystander in this photo? (Consider the multiple-choice

options provided below and choose the answer(s) that
aligns with your response and/or provide additional
descriptions in option "Other".)

Despite not being the intended focus, I was important to this photo.
Despite not being the intended focus, I actively participated in the shooting and intentionally became a part of the photo.
Despite not being the intended focus, I was mentioned when the photographer uploaded the photo.
Despite being the intended focus, I didn't actively participate in the shooting.
Despite being the intended focus, I was not mentioned when the photographer uploaded the photo.
My relationship with the photographer makes it difficult to determine whether I was a bystander.
My position in the photo makes it difficult to determine whether I was a bystander.
The photographer aimed to capture the entire scene, and I just happened to be in the scene.
Other (Please describe)

How would you feel about this image being publicly shared by the photographer on their social media platforms?

Extremely	Uncomfortable	Neither	Comfortable	Extremely
uncomfortable		comfortable nor		comfortable
		uncomfortable		

Please score your perception of sensitivity to this image.



Not sensitive at Slightly sensitive Moderately Very sensitive Extremely sensitive sensitive

Please score your perception of sentiment to this image.



Extremely Negative Neither positive Positive Extremely negative nor negative positive

Scenario-related Questions 2

Scenario \$ {e://Field/__js_block} out of 16

You (Person A) were sitting and resting in the **public scenic spot**. One of your **friends** took photos of the **scenic spot view**. You were captured in some of the photos (as depicted in the figure below). You were **aware** of the photo being taken. The photo producer uploaded this photo on their social media account and **mentioned you** in the accompanying caption.



To what extent do you perceive yourself as a bystander in the photo?

Definitely not a Probably not a Unsure Probably a Definitely a bystander bystander bystander bystander

To what extent do you agree or disagree with the statement? I am in the background of this image. ?

Strongly Disagree Neither agree Agree Strongly agree disagree on or disagree

What is (are) the main reason(s) for thinking that you were the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is not focused on me.
There is no specific subject in this photo.
I am in the background of this photo.
My appearance is different than other people in this photo.
My activity is different than other people in this photo.
I am blocked by other people/objects.
The uploader didn't mention me.
I did not actively participate in photography.
My relationship with the uploader leads me to perceive myself as a bystander in the photo.
Other (Please describe)

What is (are) the main reason(s) for thinking that you were not the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is focused on me.
This photo is about what I was doing
I am the only person in the photo.

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9/12/24, 10:31 AM

bystander.

nor negative

negative

positive

Scenario-related Questions 3

Scenario \$ {e://Field/__js_block} out of 16

You (Person A) were enjoying the musical festival in the **park**. One of your **friends** took photos of **the park view** (as depicted in the figure below). You were captured in some of the photos. You were **not aware** of the photo being taken. The photo producer uploaded this photo on their social media account and **didn't mention** you.



To what extent do you perceive yourself as a bystander in

the	photo	O :

Definitely not a bystander	Probably not a bystander	Unsure	Probably a bystander	Definitely a bystander
	ent do you d I am in the l Disagree		•	
dis ag ree	\bigcirc	nor disagree	\bigcirc	
What is (are) the main reason(s) for thinking that you were the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)				noice r(s) that
· ·	not focused on m			
_ ·	ecific subject in t	•		
\neg	ckground of this	•		
My appearance is different than other people in this photo.				
I am blocked by other people/objects.				
The uploader didn't mention me.				
I did not active	ely participate in	photography.		
My relationship bystander in the	o with the uploac he photo.	ler leads me to	perceive mysel	f as a

Why do you think it is hard to decide whether you were a bystander in this photo? (Consider the multiple-choice options provided below and choose the answer(s) that

Other (Please describe)

bystander in the photo.

aligns with your response and/or provide additional
descriptions in option "Other".)
Despite not being the intended focus, I was important to this photo.
Despite not being the intended rocus, i was important to this photo.
Despite not being the intended focus, I actively participated in the shooting and intentionally became a part of the photo.
Despite not being the intended focus, I was mentioned when the photographer uploaded the photo.
Despite being the intended focus, I didn't actively participate in the shooting.
Despite being the intended focus, I was not mentioned when the photographer uploaded the photo.
My relationship with the photographer makes it difficult to determine whether I was a bystander.
My position in the photo makes it difficult to determine whether I was a bystander.
☐ The photographer aimed to capture the entire scene, and I just happened to be in the scene.
Other (Please describe)
How would you feel about this image being publicly

How would you feel about this image being publicly shared by the photographer on their social media platforms?

Extremely	Uncomfortable	Neither	Comfortable	Extremely
uncomfortable		comfortable nor		comfortable
		uncomfortable		

Please score your perception of sensitivity to this image.



Not sensitive at Slightly sensitive Moderately Very sensitive Extremely sensitive sensitive

Please score your perception of sentiment to this image.



Extremely Negative Neither negative Positive Extremely negative nor positive positive

Scenario-related Questions 4

Scenario \$ {e://Field/__js_block} out of 16

You (Person A) were walking in a parade on the **street**. A **stranger** nearby took photos of the **parade placard** (as depicted in the figure below). You were captured in some of the photos. You were **aware** of this photo being taken and **actively participated in** it. The photo producer uploaded this photo on their social media account and **didn't mention** you.



To what extent do you perceive yourself as a bystander in the photo?

Definitely not a Probably not a Unsure Probably a Definitely a bystander bystander bystander bystander

To what extent do you agree or disagree with the statement? I am in the background of this image. ?

Strongly Disagree Neither agree Agree Strongly agree disagree on or disagree

What is (are) the main reason(s) for thinking that you were the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is not focused on me.
There is no specific subject in this photo.
I am in the background of this photo.
My appearance is different than other people in this photo.
My activity is different than other people in this photo.
I am blocked by other people/objects.
The uploader didn't mention me.
I did not actively participate in photography.
My relationship with the uploader leads me to perceive myself as a bystander in the photo.
Other (Please describe)

What is (are) the main reason(s) for thinking that you were not the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

☐ This photo is focused on me.

☐ This photo is about what I was doing.
☐ I am the only person in the photo.
☐ I am taking a large space in the photo.
☐ I was doing the same activity as other people in this photo.
☐ The appearance of me is similar to other people of this photo.
☐ I actively participated in photography.
☐ The uploader mentioned me.
☐ I am in the foreground of this photo.
My relationship with the uploader leads me to perceive myself not as a bystander in the photo.
Other (Please describe)
Why do you think it is hard to decide whether you were a bystander in this photo? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)
Despite not being the intended focus, I was important to this photo.
Despite not being the intended focus, I actively participated in the shooting and intentionally became a part of the photo.
Despite not being the intended focus, I was mentioned when the photographer uploaded the photo.
Despite being the intended focus, I didn't actively participate in the shooting.
Despite being the intended focus, I was not mentioned when the photographer uploaded the photo.
My relationship with the photographer makes it difficult to determine whether I was a bystander.

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9/12/24, 10:31 AM

Scenario-related Questions 5

You (Person A) were eating with friends at the **restaurant**. One of your **friends** took photos of **food** (as depicted in the figure below). You were captured in some of the photos. You were **not aware** of the photo being taken. The photo producer uploaded this photo on their social media account and **mentioned you** in the accompanying caption.



To what extent do you perceive yourself as a bystander in the photo?

Definitely not a Probably not a Unsure Probably a Definitely a bystander bystander bystander bystander

To what extent do you agree or disagree with the statement? I am in the background of this image. ?

Strongly	Disagree	G	Agree	Strongly agree		
disagree	\bigcirc	nor disagree	\bigcirc	\circ		
What is (ar	e) the mair	n reason(s) fo	r thinkina	that you		
•	•	(Consider the r	0	,		
	-	w and choose	-			
•		nse and/or pro				
•	ns in option	•	Mae ada	itioriai		
description	is in option	Otrier.)				
This photo is	not focused on	me.				
There is no sp	pecific subject i	n this photo.				
I am in the bo	I am in the background of this photo.					
] My appearan	ice is different t	han other people in	this photo.			
My activity is	different than c	other people in this p	ohoto.			
I am blocked	by other peopl	e/objects.				
The uploader	The uploader didn't mention me.					
I did not activ	vely participate	in photography.				
My relationsh	ip with the uplo	ader leads me to p	erceive mys	elf as a		
bystander in	the photo.					
	Oth	er (Please describe	$_{ m e})$			

What is (are) the main reason(s) for thinking that you were not the bystander? (Consider the multiple-choice

options provided below and choose the answer(s) that
aligns with your response and/or provide additional
descriptions in option "Other".)

This photo is focused on me.
This photo is about what I was doing.
I am the only person in the photo.
I am taking a large space in the photo.
I was doing the same activity as other people in this photo.
The appearance of me is similar to other people of this photo.
I actively participated in photography.
The uploader mentioned me.
I am in the foreground of this photo.
My relationship with the uploader leads me to perceive myself not as a bystander in the photo.
Other (Please describe)

Why do you think it is hard to decide whether you were a bystander in this photo? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

Despite not being the intended focus, I was important to this photo
Despite not being the intended focus, I actively participated in the shooting and intentionally became a part of the photo.
Despite not being the intended focus, I was mentioned when the

Please score your perception of sentiment to this image.



Extremely	Negative	Neither positive	Positive	Extremely
negative		nor negative		positive

Please select Very sensitive for this item.

Not sensitive at 9	Slightly sensitive	Moderately	Very sensitive	Extremely
et/		sensitive	\bigcirc	sensitive

Scenario-related Questions 6

Scenario \$ {e://Field/__js_block} out of 16

You (Person A) were watching a basketball match in a **public stadium**. One of your **friends** used their smartphone to take photos (as depicted in the figure below) of **the athletes competing activity**. You were captured in some of the photos. You were **aware** of this photo being taken and **actively participated in** it. The photo producer uploaded this photo on their social media account and **didn't mention** you.



To what extent do you perceive yourself as a bystander in the photo?

Definitely not a Probably not a Unsure Probably a Definitely a bystander bystander bystander bystander

To what extent do you agree or disagree with the statement? I am in the background of this image. ?

Strongly Disagree Neither agree Agree Strongly agree disagree on or disagree

What is (are) the main reason(s) for thinking that you were the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is not focused on me.
There is no specific subject in this photo.
I am in the background of this photo.
My appearance is different than other people in this photo.
My activity is different than other people in this photo.
I am blocked by other people/objects.
The uploader didn't mention me.
I did not actively participate in photography.
My relationship with the uploader leads me to perceive myself as a bystander in the photo.
Other (Please describe)

What is (are) the main reason(s) for thinking that you were not the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

☐ This photo is focused on me.
☐ This photo is about what I was doing
I am the only person in the photo.

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9/12/24, 10:31 AM

bystander.

nor negative

negative

positive

Scenario-related Questions 7

Scenario \$ {e://Field/__js_block} out of 16

You (Person A) were walking **outdoors** and came across a parade. You were present at the location but not a participant in the activity. A **stranger** nearby took photos of this **activity** on their phone (as depicted in the figure below). You were captured in some of the photos. You were **aware** of the photo being taken. The photo producer uploaded this photo on their social media account and **didn't mention** you.



To what extent do you	ı perceive yourself	as a bystander in
the photo?		

Definitely not a Probably not a Unsure Probably a Definitely a bystander bystander bystander

To what extent do you agree or disagree with the statement? I am in the background of this image. ?

Strongly	Disagree	Neither agree	Agree	Strongly agree
disagree		nor disagree		\bigcirc

What is (are) the main reason(s) for thinking that you were the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

	This photo is not focused on me.
	There is no specific subject in this photo.
	am in the background of this photo.
	My appearance is different than other people in this photo.
	My activity is different than other people in this photo.
	am blocked by other people/objects.
	The uploader didn't mention me.
\Box \Box	did not actively participate in photography.

	My relationship with the uploader leads me to perceive myself as a bystander in the photo.
	Other (Please describe)
(What is(are) the main reason(s) for thinking that you were not the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)
	This photo is focused on me. This photo is about what I was doing. I am the only person in the photo. I am taking a large space in the photo. I was doing the same activity as other people in this photo. The appearance of me is similar to other people of this photo. I actively participated in photography. The uploader mentioned me. I am in the foreground of this photo. My relationship with the uploader leads me to perceive myself not as a bystander in the photo.
	Other (Please describe)

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9/12/24, 10:31 AM

Why do you think it is hard to decide whether you were a bystander in this photo? (Consider the multiple-choice

options provided below and choose the answer(s) that
aligns with your response and/or provide additional
descriptions in option "Other".)

Despite not being the intended focus, I was important to this photo.
Despite not being the intended focus, I actively participated in the shooting and intentionally became a part of the photo.
Despite not being the intended focus, I was mentioned when the photographer uploaded the photo.
Despite being the intended focus, I didn't actively participate in the shooting.
Despite being the intended focus, I was not mentioned when the photographer uploaded the photo.
My relationship with the photographer makes it difficult to determine whether I was a bystander.
My position in the photo makes it difficult to determine whether I was a bystander.
The photographer aimed to capture the entire scene, and I just happened to be in the scene.
Other (Please describe)

How would you feel about this image being publicly shared by the photographer on their social media platforms?

Extremely	Uncomfortable	Neither	Comfortable	Extremely
uncomfortable		comfortable nor		comfortable
	\bigcirc	uncomfortable		\bigcirc

Please score your perception of sensitivity to this image.



Not sensitive at Slightly sensitive Moderately Very sensitive Extremely sensitive sensitive

Please score your perception of sentiment to this image.



Extremely Negative Neither positive Positive Extremely negative positive positive

Scenario-related Questions 8

Scenario \$ {e://Field/__js_block} out of 16

You (Person A) were participating a parade in the **square**. One of your **friends** took photos of this **activity**. You were captured in some of the photos. You were **aware** of this photo being taken and **actively participated in** it. The photo producer uploaded this photo on their social media account and **mentioned you** in the accompanying caption.



To what extent do you perceive yourself as a bystander in the photo?

Definitely not a Probably not a Unsure Probably a Definitely a bystander bystander bystander

To what extent do you agree or disagree with the statement? I am in the background of this image.

Strongly Disagree Neither agree Agree Strongly agree disagree on or disagree

What is (are) the main reason(s) for thinking that you were the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is not focused on me.
There is no specific subject in this photo.
I am in the background of this photo.
My appearance is different than other people in this photo.
My activity is different than other people in this photo.
I am blocked by other people/objects.
The uploader didn't mention me.
I did not actively participate in photography.
My relationship with the uploader leads me to perceive myself as a bystander in the photo.
Other (Please describe)

What is (are) the main reason(s) for thinking that you were not the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is focused on me.
This photo is about what I was doing
I am the only person in the photo.

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bystander.

nor negative

negative

positive

Scenario-related Questions 9

Scenario \$ {e://Field/__js_block} out of 16

You (Person A) were presenting at a **conference**. One of your **colleagues** used their smartphone to take photos (as depicted in the figure below) of **this activity**. You were captured in some of these photos and were **aware** of the photo being taken. The photo producer uploaded this photo on their social media account and **didn't mention** you.



To what extent do you perceive yourself as a bystander in

the	phot	0?
_	-	

Definitely not a bystander	Probably not a bystander	Unsure	Probably a bystander	Definitely a bystander
To what ext	ent do you c	naree or disc	naree with t	ho
	I am in the	0	0	
Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
were the by options pro-	e) the main vstander? (C vided below your respons	Consider the and choose se and/or pr	multiple-che the answe	noice er(s) that
_	s in option "C			
J This photo is rJ There is no so	ecific subject in			
I am in the ba	·	•		
My appearance		•	in this photo.	
My activity is a		•	•	
I am blocked I			10.10.00	
The uploader		•		
_ ·	ely participate in			
\neg	p with the upload	. ,	perceive mysel	lf as a

Why do you think it is hard to decide whether you were a bystander in this photo? (Consider the multiple-choice options provided below and choose the answer(s) that

Other (Please describe)

aligns with your response and/or provide additional descriptions in option "Other".)
Despite not being the intended focus, I was important to this photo.
Despite not being the intended focus, I actively participated in the shooting and intentionally became a part of the photo.
Despite not being the intended focus, I was mentioned when the photographer uploaded the photo.
Despite being the intended focus, I didn't actively participate in the shooting.
Despite being the intended focus, I was not mentioned when the photographer uploaded the photo.
My relationship with the photographer makes it difficult to determine whether I was a bystander.
My position in the photo makes it difficult to determine whether I was a bystander.
☐ The photographer aimed to capture the entire scene, and I just happened to be in the scene.
Other (Please describe)

How would you feel about this image being publicly shared by the photographer on their social media platforms?

Extremely	Uncomfortable	Neither	Comfortable	Extremely
uncomfortable		comfortable nor		comfortable
		uncomfortable		

Please score your perception of sensitivity to this image.



Not sensitive at Slightly sensitive Moderately Very sensitive Extremely sensitive sensitive

Please score your perception of sentiment to this image.



Extremely Negative Neither positive Positive Extremely negative positive positive

Scenario-related Questions 10

Scenario \$ {e://Field/__js_block} out of 16

You (Person A) were participating in an event at your **company**. A **stranger** nearby used their smartphone to take photos (as depicted in the figure below) of the **activity**. You were captured in some of these photos and were **not aware** of the photo being taken. The photo producer uploaded this photo on their social media account and **didn't mention** you.



To what extent do you perceive yourself as a bystander in the photo?

Definitely not a Probably not a Unsure Probably a Definitely a bystander bystander bystander bystander

To what extent do you agree or disagree with the statement? I am in the background of this image. ?

Strongly Disagree Neither agree Agree Strongly agree disagree onor disagree

What is (are) the main reason(s) for thinking that you were the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is not focused on me.
There is no specific subject in this photo.
I am in the background of this photo.
My appearance is different than other people in this photo.
My activity is different than other people in this photo.
I am blocked by other people/objects.
The uploader didn't mention me.
I did not actively participate in photography.
My relationship with the uploader leads me to perceive myself as a bystander in the photo.
Other (Please describe)

What is (are) the main reason(s) for thinking that you were not the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is focused on me.
This photo is about what I was doing
I am the only person in the photo.

I am taking a large space in the photo.
\square I was doing the same activity as other people in this photo.
$\hfill\square$ The appearance of me is similar to other people of this photo.
☐ I actively participated in photography.
☐ The uploader mentioned me.
I am in the foreground of this photo.
My relationship with the uploader leads me to perceive myself not as a bystander in the photo.
Other (Please describe)
bystander in this photo? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)
Despite not being the intended focus, I was important to this photo.
Despite not being the intended focus, I actively participated in the shooting and intentionally became a part of the photo.
Despite not being the intended focus, I was mentioned when the photographer uploaded the photo.
Despite being the intended focus, I didn't actively participate in the shooting.
Despite being the intended focus, I was not mentioned when the photographer uploaded the photo.
My relationship with the photographer makes it difficult to determine whether I was a bystander.
My position in the photo makes it difficult to determine whether I was a

Qualtrics Survey Software

9/12/24, 10:31 AM

bystander.

positive

Please select Moderately sensitive for this item.

Not sensitive at Slightly sensitive Moderately Very sensitive Extremely sensitive sensitive

Scenario-related Questions 11

Scenario \$ {e://Field/__js_block} out of 16

You (Person B) were in the **hospital**. Your friend came to visit you. One of your **families** used their smartphone to take photos (as depicted in the figure below) of your **friend** (Person A). You were captured in some of these photos and were **aware** of the photo being taken. The photo producer uploaded this photo on their social media account and **mentioned you** in the accompanying caption.



To what extent do you perceive yourself as a bystander in the photo?

Definitely not a Probably not a Unsure Probably a Definitely a bystander bystander bystander bystander

To what extent do you agree or disagree with the statement? I am in the background of this image. ?

Strongly Disagree Neither agree Agree Strongly agree disagree on or disagree

What is (are) the main reason(s) for thinking that you were the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is not focused on me.
There is no specific subject in this photo.
I am in the background of this photo.
My appearance is different than other people in this photo.
My activity is different than other people in this photo.
I am blocked by other people/objects.
The uploader didn't mention me.
I did not actively participate in photography.
My relationship with the uploader leads me to perceive myself as a bystander in the photo.
Other (Please describe)

What is (are) the main reason(s) for thinking that you were not the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is focused on me.
This photo is about what I was doing
I am the only person in the photo.

I am taking a large space in the photo.
\square I was doing the same activity as other people in this photo.
☐ The appearance of me is similar to other people of this photo.
☐ I actively participated in photography.
☐ The uploader mentioned me.
☐ I am in the foreground of this photo.
My relationship with the uploader leads me to perceive myself not as a bystander in the photo.
Other (Please describe)
bystander in this photo? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)
Despite not being the intended focus, I was important to this photo.
Despite not being the intended focus, I actively participated in the shooting and intentionally became a part of the photo.
Despite not being the intended focus, I was mentioned when the photographer uploaded the photo.
Despite being the intended focus, I didn't actively participate in the shooting.
Despite being the intended focus, I was not mentioned when the photographer uploaded the photo.
My relationship with the photographer makes it difficult to determine whether I was a bystander.
My position in the photo makes it difficult to determine whether I was a

Qualtrics Survey Software

9/12/24, 10:31 AM

bystander.

positive

Scenario-related Questions 12

Scenario \$ {e://Field/__js_block} out of 16

You (Person B) were present at a meeting in the **company conference room**. One of your **colleagues** took photos of **Person A** on their phone (as depicted in the figure below). You were captured in some of the photos and were **not aware** of the photo being taken. The photo producer uploaded this photo on their social media account and **didn't mention** you.



To what extent do you perceive yourself as a bystander in

the	photo	-

Definitely not a bystander	Probably not a bystander	Unsure	Probably a bystander	Definitely a bystander
statement	tent do you c ? I am in the	background	of this imag	ge. 🔊
Strongly disøgree	Disagree	Neither agree nor disagree	Agree	Strongly agree
were the b options pro aligns with description	the main ystander? (Coovided below your responsition "Cookins in option "Cookins")	Consider the and choose se and/or pother".)	multiple-che the answe	noice r(s) that
	not focused on moecific subject in			
	ackground of this	•		
	nce is different the		in this photo.	
¬ · · ·	different than oth		·	
I am blocked	by other people/	objects.	•	
The uploader	didn't mention m	ne.		
I did not activ	vely participate in	photography.		
My relationsh bystander in	ip with the upload the photo.	der leads me to	perceive mysel	f as a

Why do you think it is hard to decide whether you were a bystander in this photo? (Consider the multiple-choice options provided below and choose the answer(s) that

Other (Please describe)

	aligns with your response and/or provide additional
(descriptions in option "Other".)
	Despite not being the intended focus, I was important to this photo.
	Despite not being the intended focus, I actively participated in the shooting and intentionally became a part of the photo.
	Despite not being the intended focus, I was mentioned when the photographer uploaded the photo.
	Despite being the intended focus, I didn't actively participate in the shooting.
	Despite being the intended focus, I was not mentioned when the photographer uploaded the photo.
	My relationship with the photographer makes it difficult to determine whether I was a bystander.
	My position in the photo makes it difficult to determine whether I was a bystander.
	The photographer aimed to capture the entire scene, and I just happened to be in the scene.
	Other (Please describe)

How would you feel about this image being publicly shared by the photographer on their social media platforms?

Extremely	Uncomfortable	Neither	Comfortable	Extremely
uncomfortable		comfortable nor		comfortable
		uncomfortable		

Please score your perception of sensitivity to this image.



Not sensitive at Slightly sensitive Moderately Very sensitive Extremely sensitive sensitive

Please score your perception of sentiment to this image.



Extremely Negative Neither positive Positive Extremely negative positive positive

Scenario-related Questions 13

Scenario \$ {e://Field/__js_block} out of 16

You (Person A) were hosting your wedding in a **private banquet room**. A waiter (**stranger** to you) captured a photo **featuring you** (as depicted in the figure below) using their phone. You were **aware** of this photo being taken and **actively participated in** it. The photo producer uploaded this photo on their social media account and **didn't mention** you.



To what extent do you perceive yourself as a bystander in the photo?

Definitely not a Probably not a Unsure Probably a Definitely a bystander bystander bystander bystander

To what extent do you agree or disagree with the statement? I am in the background of this image. ?

Strongly Disagree Neither agree Agree Strongly agree disagree on or disagree

What is (are) the main reason(s) for thinking that you were the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is not focused on me.
There is no specific subject in this photo.
I am in the background of this photo.
My appearance is different than other people in this photo.
My activity is different than other people in this photo.
I am blocked by other people/objects.
The uploader didn't mention me.
I did not actively participate in photography.
My relationship with the uploader leads me to perceive myself as a bystander in the photo.
Other (Please describe)

What is (are) the main reason(s) for thinking that you were not the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is focused on me.
This photo is about what I was doing
I am the only person in the photo.

I am taking a large space in the photo.
☐ I was doing the same activity as other people in this photo.
☐ The appearance of me is similar to other people of this photo.
☐ I actively participated in photography.
☐ The uploader mentioned me.
☐ I am in the foreground of this photo.
My relationship with the uploader leads me to perceive myself not as a bystander in the photo.
Other (Please describe)
bystander in this photo? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)
Despite not being the intended focus, I was important to this photo.
Despite not being the intended focus, I actively participated in the shooting and intentionally became a part of the photo.
Despite not being the intended focus, I was mentioned when the photographer uploaded the photo.
Despite being the intended focus, I didn't actively participate in the shooting.
Despite being the intended focus, I was not mentioned when the photographer uploaded the photo.
My relationship with the photographer makes it difficult to determine whether I was a bystander.
☐ My position in the photo makes it difficult to determine whether I was a

Qualtrics Survey Software

9/12/24, 10:31 AM

bystander.

Scenario-related Questions 14

Scenario \$ {e://Field/__js_block} out of 16

You (Person A) were in the **company's video studio**. One of your **colleagues** captured a photo **featuring you** (as depicted in the figure below) using their phone. You were **not aware** of the photo being taken. The photo producer uploaded this photo on their social media account and **mentioned you** in the accompanying caption.



To what extent do y	ou perceive yourself	fas a bystander in
the photo?		

Definitely not a Probably not a Unsure Probably a Definitely a bystander bystander bystander

To what extent do you agree or disagree with the statement? I am in the background of this image. ?

Strongly	Disagree	Neither agree	Agree	Strongly agree
disagree	\circ	nor disagree		\circ

What is (are) the main reason(s) for thinking that you were the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

Т	his photo is not focused on me.
П	here is no specific subject in this photo.
	am in the background of this photo.
	My appearance is different than other people in this photo.
	My activity is different than other people in this photo.
	am blocked by other people/objects.
Т	he uploader didn't mention me.
	did not actively participate in photography

My relationship with the uploader leads me to perceive myself as a bystander in the photo.
Other (Please describe)
What is(are) the main reason(s) for thinking that you were not the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)
 This photo is focused on me. This photo is about what I was doing. I am the only person in the photo. I am taking a large space in the photo. I was doing the same activity as other people in this photo. The appearance of me is similar to other people of this photo. I actively participated in photography. The uploader mentioned me. I am in the foreground of this photo. My relationship with the uploader leads me to perceive myself not as a bystander in the photo.
Other (Please describe)

Qualtrics Survey Software

9/12/24, 10:31 AM

Why do you think it is hard to decide whether you were a bystander in this photo? (Consider the multiple-choice

options provided below and choose the answer(s) that
aligns with your response and/or provide additional
descriptions in option "Other".)

Despite not being the intended focus, I was important to this photo.
Despite not being the intended focus, I actively participated in the shooting and intentionally became a part of the photo.
Despite not being the intended focus, I was mentioned when the photographer uploaded the photo.
Despite being the intended focus, I didn't actively participate in the shooting.
Despite being the intended focus, I was not mentioned when the photographer uploaded the photo.
My relationship with the photographer makes it difficult to determine whether I was a bystander.
My position in the photo makes it difficult to determine whether I was a bystander.
The photographer aimed to capture the entire scene, and I just happened to be in the scene.
Other (Please describe)

How would you feel about this image being publicly shared by the photographer on their social media platforms?

Extremely	Uncomfortable	Neither	Comfortable	Extremely
uncomfortable		comfortable nor		comfortable
		uncomfortable		

Please score your perception of sensitivity to this image.



Not sensitive at Slightly sensitive Moderately Very sensitive Extremely sensitive sensitive

Please score your perception of sentiment to this image.



Extremely Negative Neither positive Positive Extremely negative positive positive

Scenario-related Questions 15

Scenario \$ {e://Field/__js_block} out of 16

You (Person A) and your colleagues were participating in training at your **company**. One of your **colleagues** used their mobile phone to capture **meeting ambiance** (as depicted in the figure below) as content for their daily vlog. You were captured in some of these photos. You were **aware** of this photo being taken and **actively participated in** it. The photo producer uploaded this photo on their social media account and **didn't mention** you.



To what extent do you perceive yourself as a bystander in the photo?

Definitely not a Probably not a Unsure Probably a Definitely a bystander bystander bystander bystander

To what extent do you agree or disagree with the statement? I am in the background of this image. ?

Strongly Disagree Neither agree Agree Strongly agree disagree on or disagree

What is (are) the main reason(s) for thinking that you were the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is not focused on me.
There is no specific subject in this photo.
I am in the background of this photo.
My appearance is different than other people in this photo.
My activity is different than other people in this photo.
I am blocked by other people/objects.
The uploader didn't mention me.
I did not actively participate in photography.
My relationship with the uploader leads me to perceive myself as a bystander in the photo.
Other (Please describe)

What is (are) the main reason(s) for thinking that you were not the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is focused on me.
This photo is about what I was doing
I am the only person in the photo.

Qualtrics Survey Software

9/12/24, 10:31 AM

bystander.

nor negative

negative

positive

Please select Slightly sensitive for this item.

Not sensitive at Slightly sensitive Moderately Very sensitive Extremely sensitive sensitive

Scenario-related Questions 16

Scenario \$ {e://Field/__js_block} out of 16

You (Person A) were in the **hospital**. A **stranger** nearby used their mobile phone to capture the **hospital view** as content for their daily vlog. You were captured in some of these photos and were **aware** of the photo being taken. The photo producer uploaded this photo on their social media account and **didn't mention** you.



To what extent do you perceive yourself as a bystander in the photo?

Definitely not a Probably not a Unsure Probably a Definitely a bystander bystander bystander

To what extent do you agree or disagree with the statement? I am in the background of this image. ?

Strongly Disagree Neither agree Agree Strongly agree disagree onor disagree

What is (are) the main reason(s) for thinking that you were the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

This photo is not focused on me.
There is no specific subject in this photo.
I am in the background of this photo.
My appearance is different than other people in this photo.
My activity is different than other people in this photo.
I am blocked by other people/objects.
The uploader didn't mention me.
I did not actively participate in photography.
My relationship with the uploader leads me to perceive myself as a bystander in the photo.
Other (Please describe)

What is (are) the main reason(s) for thinking that you were not the bystander? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)

☐ This photo is focused on me.

This photo is about what I was doing.
I am the only person in the photo.
I am taking a large space in the photo.
☐ I was doing the same activity as other people in this photo.
☐ The appearance of me is similar to other people of this photo.
I actively participated in photography.
☐ The uploader mentioned me.
☐ I am in the foreground of this photo.
My relationship with the uploader leads me to perceive myself not as a bystander in the photo.
Other (Please describe)
Why do you think it is hard to decide whether you were a bystander in this photo? (Consider the multiple-choice options provided below and choose the answer(s) that aligns with your response and/or provide additional descriptions in option "Other".)
Despite not being the intended focus, I was important to this photo.
Despite not being the intended focus, I actively participated in the shooting and intentionally became a part of the photo.
Despite not being the intended focus, I was mentioned when the photographer uploaded the photo.
Despite being the intended focus, I didn't actively participate in the shooting.
Despite being the intended focus, I was not mentioned when the photographer uploaded the photo.
My relationship with the photographer makes it difficult to determine whether I was a bystander.

Qualtrics Survey Software

9/12/24, 10:31 AM

Privacy Question

To what extent do you agree or disagree with the following statements?

Strongly							
disagree	Disagree	Neutral	Agree	Strongly agree			
I am concerned about online identity theft.							
	\bigcirc	\bigcirc					
I am concerned about my privacy online.							
		\bigcirc		\bigcirc			
I am concerned about my privacy in everyday life.							
				\bigcirc			
I am likely to read the privacy policy of an ecommerce site before buying anything.							
		\bigcirc		\bigcirc			
Privacy policies accurately reflect what companies do.							
		\bigcirc		\bigcirc			

To what extent do you agree or disagree with the following statements?

Strongly		Somewhat		Somewhat		Strongly
disagree	Disagree	disagree	Neutral	agree	Agree	agree
It usually bo	thers me wher	online compa	nies ask me f	or personal info	ormation.	
	\bigcirc	\bigcirc		\bigcirc	\bigcirc	\bigcirc
When online providing it.	companies a	sk me for perso	nal information	on, I sometime:	s think twice	before
	\bigcirc					

What would make you comfortable or uncomfortable with photos of yourself being posted publicly on social media by photographers?

End of the survey

Thank you for taking part in this study. Please click the "Next page" button below to be redirected back to Prolific and register your submission.

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