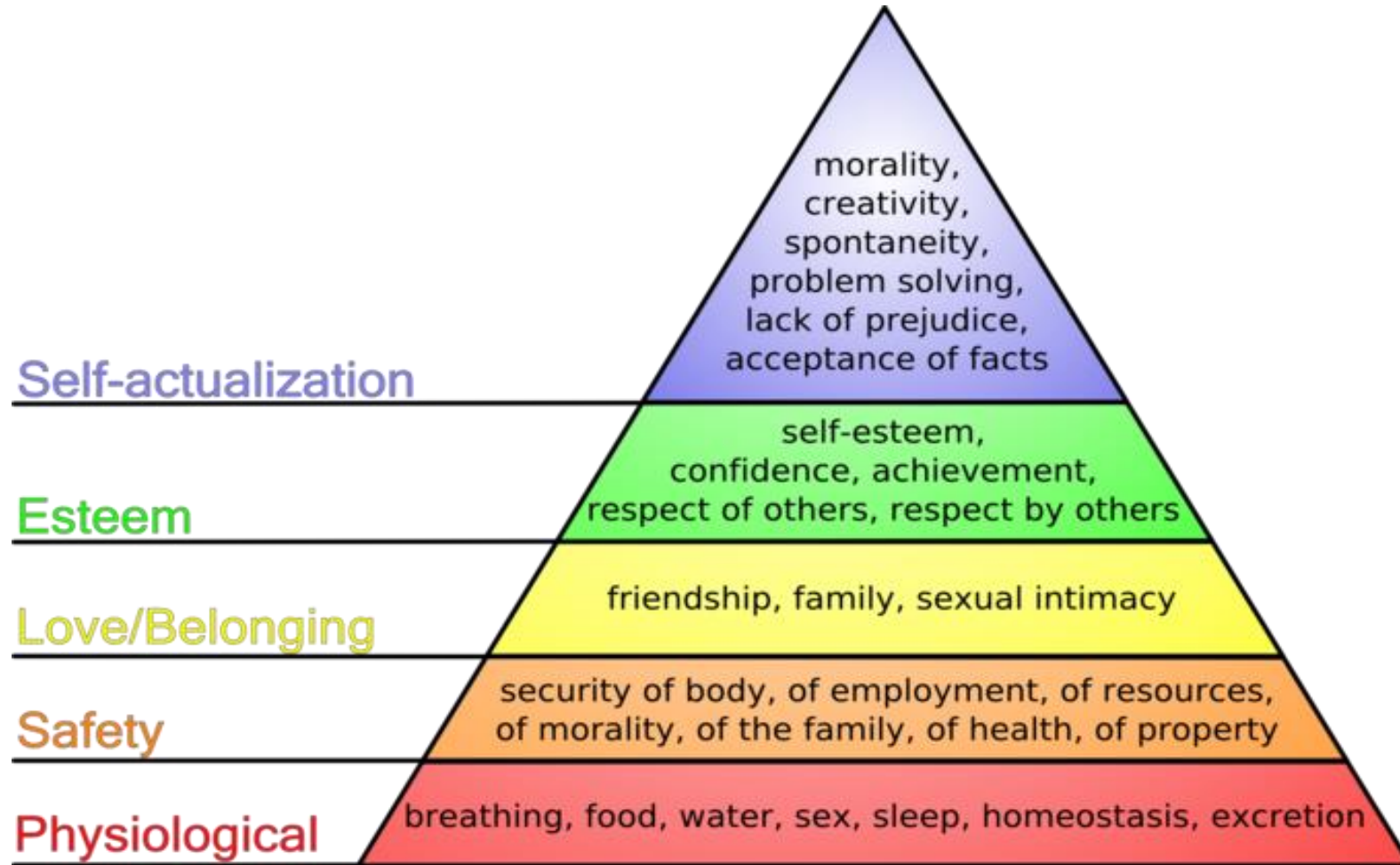


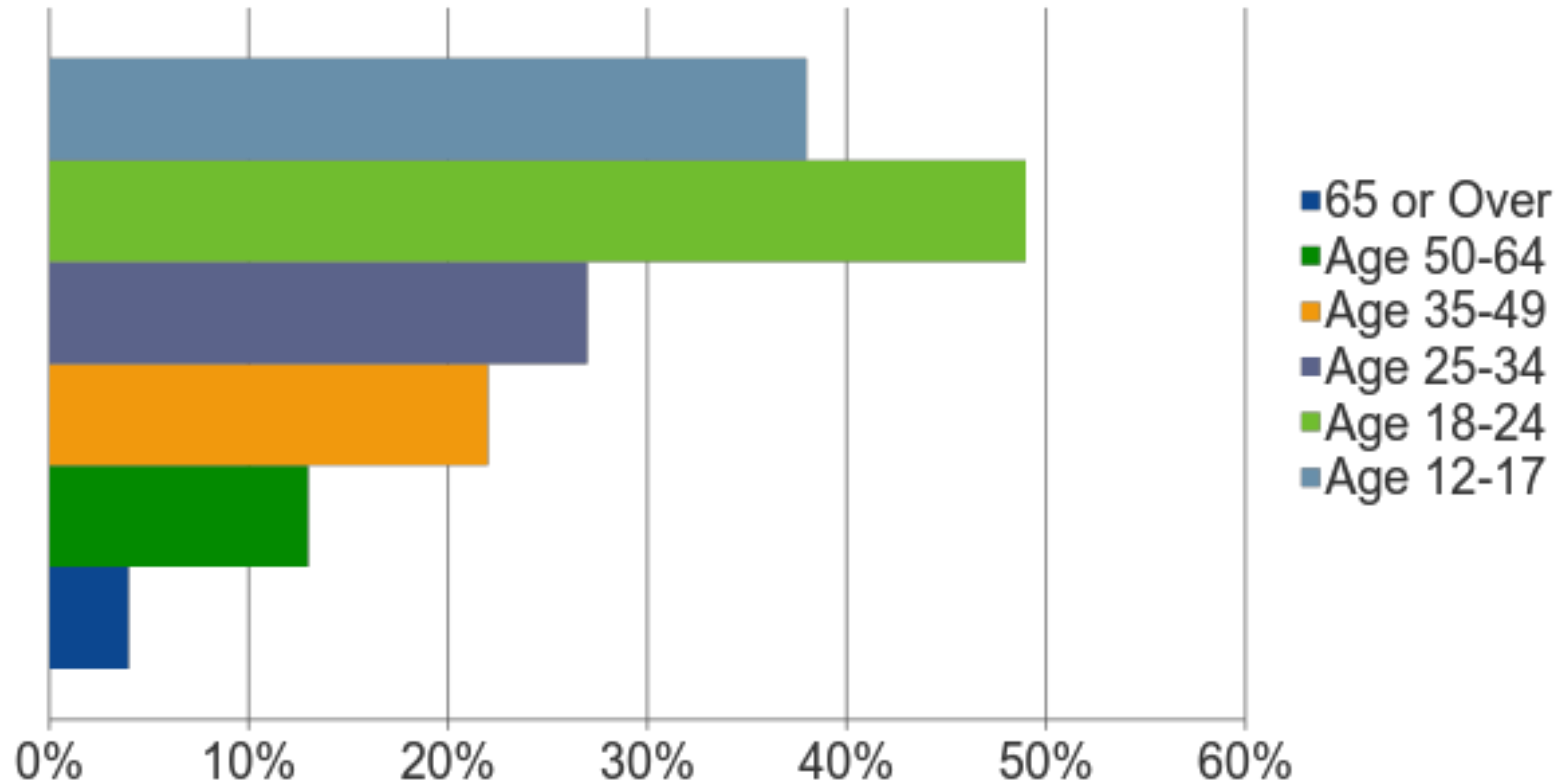


Safety of Students In and Around Campus

Group-11
Nissim Panchpor
Shipra Gupta
Venessa Lobo



VICTIMS OF CRIME BY AGE



Students in the age group of 18-24 are far more likely to be victims of violent crime than other age groups (National Crime Prevention Council).



Research Questions?



- Degree of awareness regarding available security services



- Uncertainty in utilizing the safety resources and factors behind it



- Peer influence in using the security services

Research Method



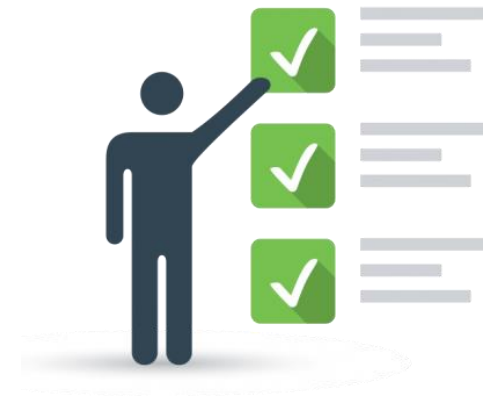
- Exploratory and Descriptive study
- Quantitative Analysis – Survey Data
- Qualitative Analysis – Interview Data
- **Surveys:** Types of variables generated – nominal, ordinal and ratio
- **Interviews:** A “narrative approach” - each participant’s stories and data as short précis

Instruments



Survey

- Perspective of students regarding safety resources on a broader level
- Identify safety topics that need more attention
- 5 minutes survey containing 16 questions



Personal Interviews

- Semi-structured
- Conducted 6 interviews with MSIM international students of 20-25 mins each
- Gauge awareness and uncertainty
- Recommendations



Instruments continued...

Sample Selection

- Quota Sampling
- Approached 45 iSchool students, target response rate of approx. 60%
- 70% MSIM students, 30% other iSchool students
- Voluntary opt-in option for interviews

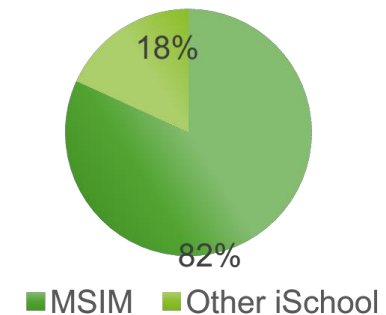
Ethical Considerations

- Informed consent
- Option to leave study at any point
- Anonymity while collecting survey data
- Secure destruction of the data after research completion
- No anticipated risks



Safetymatters

Actual Responses



Survey Email Screenshot



Greetings Fellow iSchoolers!

As part of our research project in the course **IMT 570 - Analytical Methods for Informational Professionals**, we are working on identifying the degree of awareness and utilization of safety services provided by the University of Washington, among the iSchool students. As part of this study, we would also be exploring whether the students are uncertain on the usage of the safety services.

With this research, we hope to discover any information gaps which would help disseminate safety information in a better way to future students. We would appreciate your participation in our survey. We are also looking for volunteers from the international student community to opt-in for an interview.

The survey and interview are completely voluntary. Your responses to the survey and the interview will remain anonymous. The data obtained from you, either from the survey or interview will be used only for this research project and will be deleted upon its completion at the end of the Autumn Quarter 2016. You may choose not to participate or not to answer some of the questions. There are no anticipated risks associated by taking this survey or opting for the interview.

Please consider taking our research survey by clicking on the below link. It would take approximately 5 minutes.

[Survey Link](#)

If you are an International Student and would like to opt-in for an interview, please sign-up below. The interview session would take approximately 20-25 minutes and will be conducted on- campus. We will contact you shortly with more details about the interview.

[Interview Opt-in Link](#)

Your time is greatly appreciated !

Data Collection



- **First Instrument: Survey**

- Google Forms
- Via Email
- Reminders

- **Second Instrument: Interview**

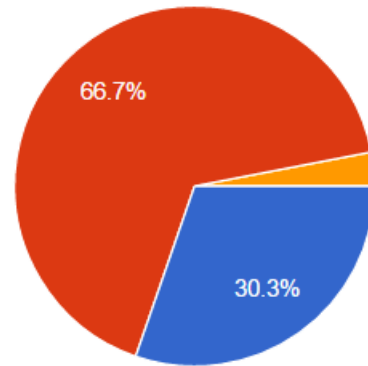
- Audio Recording
- Experience of Utilization of Services, Incidences, Recommendations
- Key points as a précis

Response Statistics

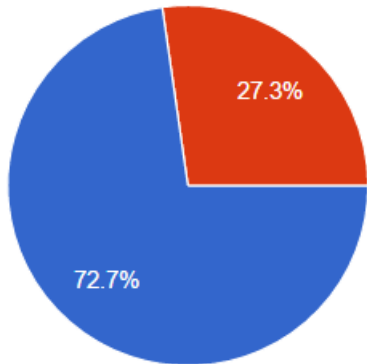
- Total 33 responses out of 45 = 73.33% Response Rate



Gender Distribution



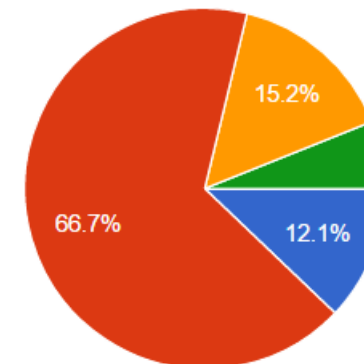
- Male
- Female
- Other
- Prefer not to say



- Yes
- No

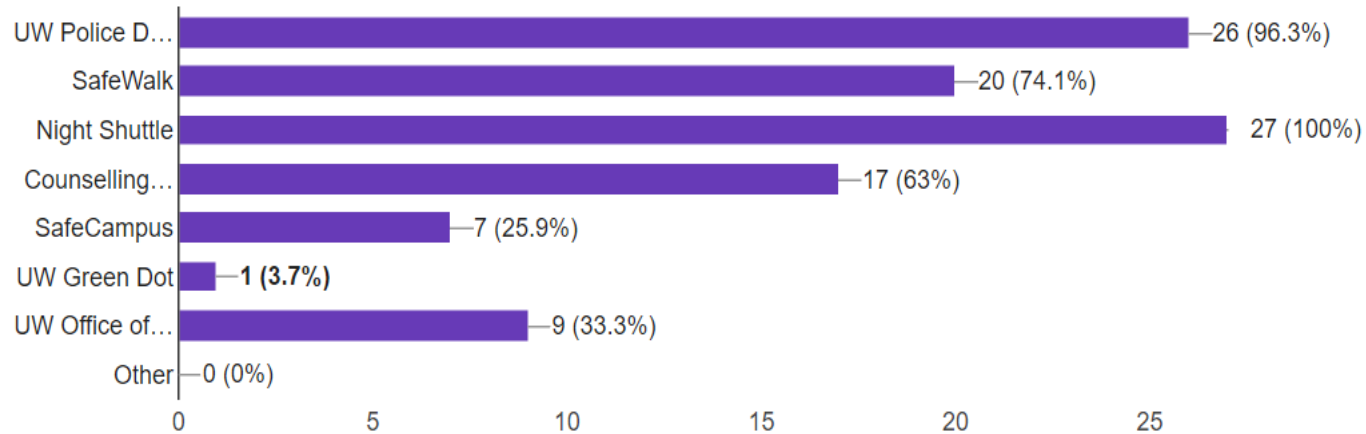
International Student?

iSchool Program



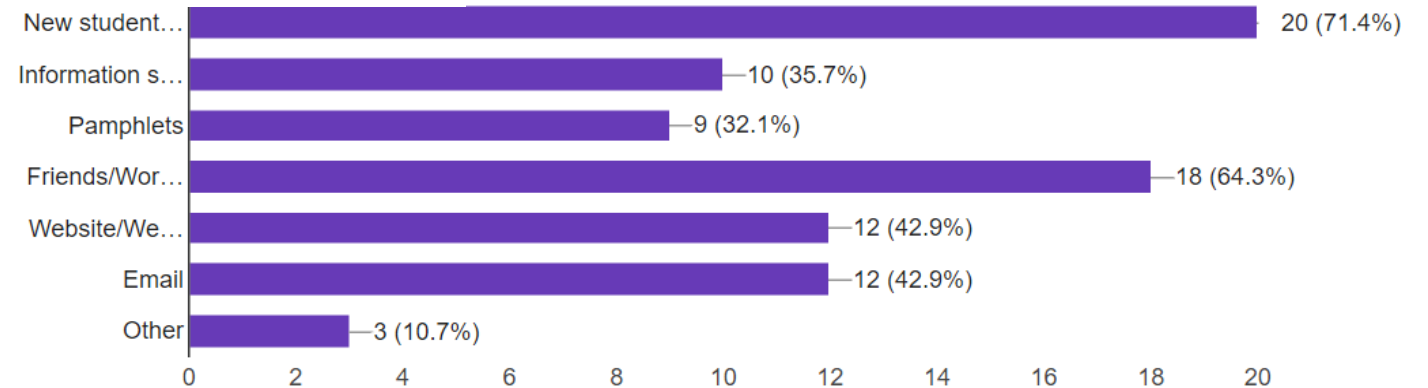
- Informatics
- MSIM 1st Year
- MSIM 2nd Year
- MLIS 1st Year
- MLIS 2nd Year

Response Statistics



UW Safety Services

Awareness Channels for the Safety Services

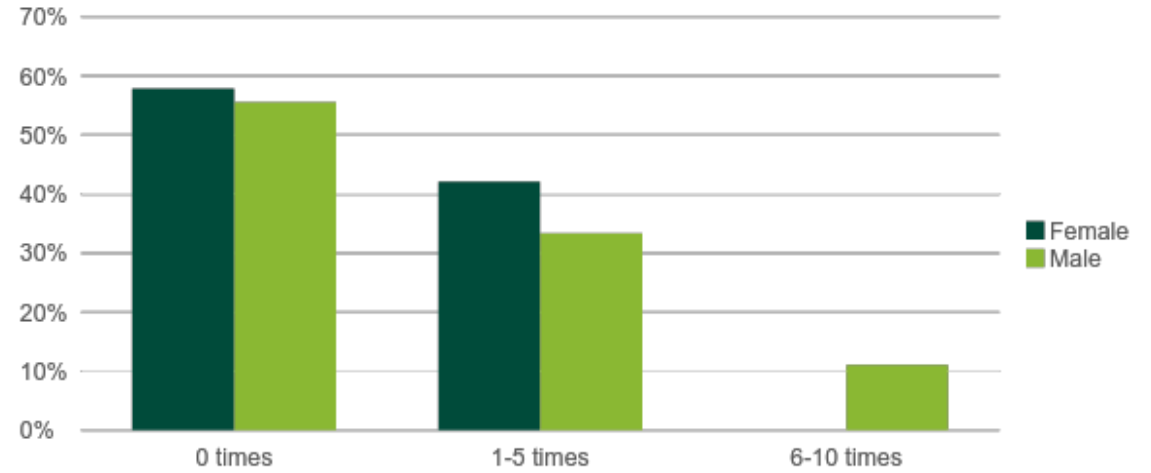


ANOVA between Gender and Frequency of Utilization



Null Hypothesis → The Gender of a participant has no association with the their Frequency of Utilization of the safety services.

Alternate Hypothesis → The Gender of a participant has an association with the their Frequency of Utilization of the safety services.



Count of Responses FreqOfUtil	Gender		Grand Total
	Female	Male	
0 times	58%	56%	57%
1-5 times	42%	33%	39%
6-10 times	0%	11%	4%
Grand Total	100%	100%	100%

SUMMARY						
Groups	Count	Sum	Average	Variance		
0 times	16	27	1.6875	0.229167		
1-5 times	11	19	1.727273	0.218182		
6-10 times	1	1	1	#DIV/0!		
ANOVA						
Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.487825	2	0.243912	1.085151	0.35324	3.38519
Within Groups	5.619318	25	0.224773			
Total	6.107143	27				

Accept the Null Hypothesis

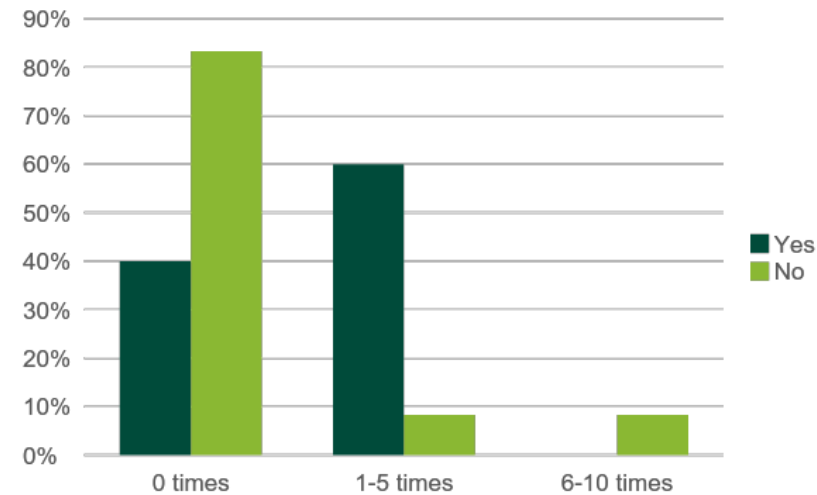
ANOVA between Peer Influence and Frequency of Utilization



Null Hypothesis → Peer Influence has no association with the Frequency of Utilization of the safety services.

Alternate Hypothesis → Peer Influence has an association with the Frequency of Utilization of the safety services.

Count of Response FreqOfUtil	PeerInfluence		Grand Total
	Yes	No	
0 times	40%	83%	59%
1-5 times	60%	8%	37%
6-10 times	0%	8%	4%
Grand Total	100%	100%	100%



SUMMARY						
Groups	Count	Sum	Average	Variance		
0 times	16	6	0.375	0.25		
1-5 times	10	9	0.9	0.1		
6-10 times	4	6	0	#DIV/0!		
ANOVA						
Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	2.016667	2	1.008333	5.204301	0.01326	3.402826
Within Groups	4.65	24	0.19375			
Total	6.666667	26				

Reject the Null Hypothesis

Correlation between Awareness Channels and Confusion



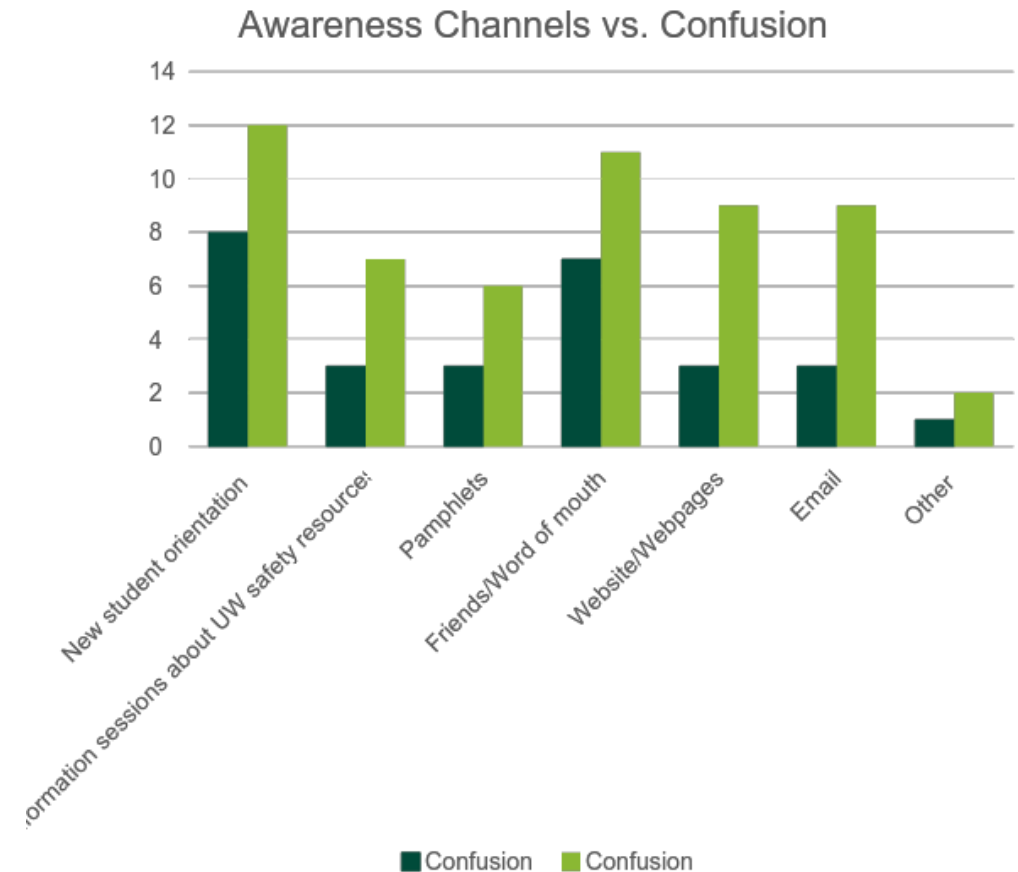
Null Hypothesis →

The Awareness Channels have no association with the Confusion level among students.

Alternate Hypothesis → The Awareness Channels have an association with the Confusion level among students.

p-Critical	0.05
p-Value	0.962
Degree of freedom	6
Chi-Square	1.45

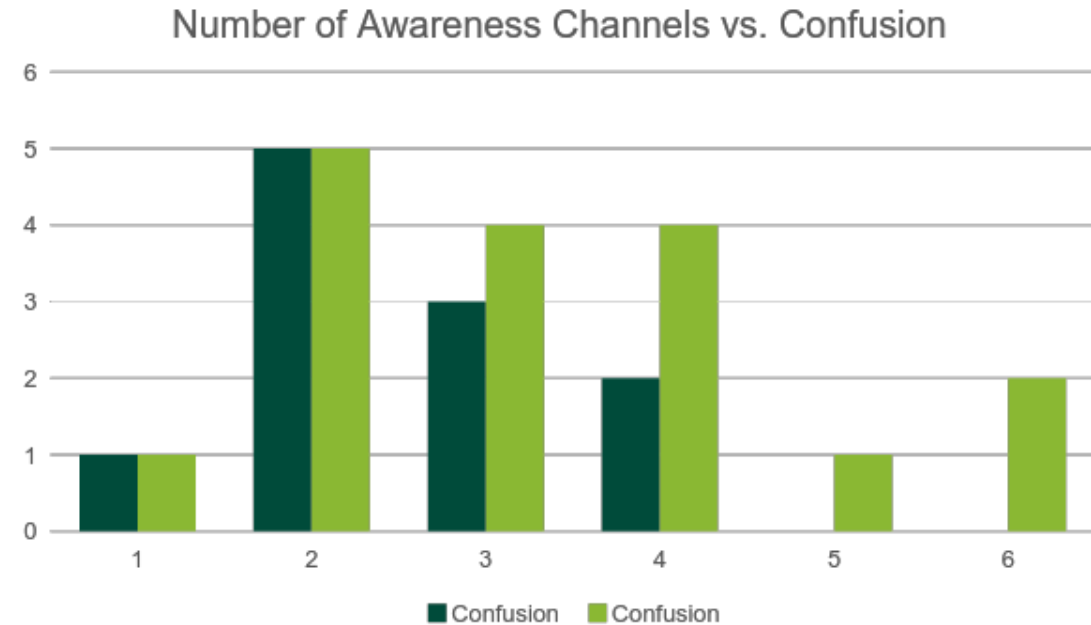
Accept the NULL Hypothesis



Correlation between Number of Awareness Channels and Confusion



No of Awareness Channels Known to Students	Confusion	
	Yes	No
0	4	0
1	1	1
2	5	5
3	3	4
4	2	4
5	0	1
6	0	2



Next Steps

- The possible factors that act as a deterrent for students in making use of the safety facilities available to them.
- Find practical ways that can be used to make students better informed about the resources and their rights.

Future Scope

- Compare the utilization of the safety services between the domestic and international students.

Key Findings



- Some students identified that there is a **lack of effort** on their part to learn more about the safety services
- Provide **mandatory orientation** sessions with **smaller groups** of students
- **Sample drill** for students to understand how to utilize the services
- SafeWalk Officials need to be more **flexible** with pick-up points for students
- Place contact information for the safety services at **more locations** in the campus

Thank you!

