A survey on commuters' travel decision preferences under heavy rain warning

Thank you for participating in this survey during your busy schedule. This survey aims to understand the travel decision characteristics of commuters under the background of heavy rain warning (whether to travel, travel mode and departure time). Your participation has a positive significance for promoting the research and practice of urban traffic emergency management. This questionnaire consists of four parts, including a survey on personal travel characteristics and attitudes towards weather information, a survey on travel decision preferences under blue and yellow heavy rain warning scenarios, and a survey on basic personal and family information. This questionnaire is only used in the research field, and your answers will be anonymous. Please read and fill in the form carefully.

Part I: Personal travel characteristics and attitudes toward weather information

1. Your approximate commuting distance is: Note: Commuting refers to using some form of transportation to go to work, school or for business trips within the city on weekdays.

2. What is the main mode of transportation you usually use for commuting? *	
© Electric bicycle	
O Private car	
O Subway	
O Public bus	
Taxi/online ride-hailing	
3. In previous rainstorm warnings or rainstorm scenarios, the main travel decision you made when commuting was: *	I
O Never travel	
O Rarely travel	
O Sometimes travel	
O Most of the time	
O Always travel	
4. In previous rainstorm warnings or rainstorm scenarios, your main mode of travel for commuting	was: *
○ Electric bicycle	
O Private car	
O Subway	
O Public bus	
Taxi/online ride-hailing	
5. In previous rainstorm warnings or rainstorm scenarios, your main departure time for commuting	was: *
O Not sure	
O Cancel travel	
○ Travel early	
○ Travel as usual	
O Delay travel	
6. In the past, during rainstorm warnings or rainstorm scenarios, have you had any experience of b	oeing



forced to interrupt your commute?

0	Never experienced	
0	Rarely experienced	
0	Sometimes experienced	
0	Often experienced	
0	Always experienced	
7.	The approximate walking time from home to the nearest bus stop is: *	
8.	The approximate walking time from home to the nearest subway station is: *	
9.	he estimated waiting time for a taxi/online ride-hailing vehicle near home is: *	
10	The average walking time from the workplace to the nearest bus stop is approximately : *	
11.	The average walking time from the workplace to the nearest subway station is approximately: *	
12	The approximate waiting time for taking a taxi/online ride-hailing vehicle near the workplace is:*	
	vork by public transportation is:	
	vork by public transportation is: te: Travel time refers to the time it takes to reach the destination from the departure point	
No.		
14 sul No .*	In the case of a rainstorm warning or heavy rain, what do you think the average travel time to work by way is:	
14 sull No	In the case of a rainstorm warning or heavy rain, what do you think the average travel time to work by way is: te: Travel time refers to the time it takes to reach the destination from the departure point In the event of a rainstorm warning or heavy rain, what do you think the average travel time to work car or taxi/online ride-hailing service is: te: Travel time refers to the time it takes to reach the destination from the departure point Do you pay attention to weather information before traveling: *	
14 sull No. * - 15 by No. * - 16 O	In the case of a rainstorm warning or heavy rain, what do you think the average travel time to work by way is: te: Travel time refers to the time it takes to reach the destination from the departure point In the event of a rainstorm warning or heavy rain, what do you think the average travel time to work car or taxi/online ride-hailing service is: te: Travel time refers to the time it takes to reach the destination from the departure point Do you pay attention to weather information before traveling: * Always follow	
14 sull Nc	In the case of a rainstorm warning or heavy rain, what do you think the average travel time to work by way is: te: Travel time refers to the time it takes to reach the destination from the departure point In the event of a rainstorm warning or heavy rain, what do you think the average travel time to work car or taxi/online ride-hailing service is: te: Travel time refers to the time it takes to reach the destination from the departure point Do you pay attention to weather information before traveling: * Always follow Most of the time	
14 sull No	In the case of a rainstorm warning or heavy rain, what do you think the average travel time to work by way is: te: Travel time refers to the time it takes to reach the destination from the departure point In the event of a rainstorm warning or heavy rain, what do you think the average travel time to work car or taxi/online ride-hailing service is: te: Travel time refers to the time it takes to reach the destination from the departure point Do you pay attention to weather information before traveling: * Always follow Most of the time Sometimes follow	
14 sull No. * - 15 by No. * - 16 \cap \cap \cap \cap \cap \cap \cap \cap	In the case of a rainstorm warning or heavy rain, what do you think the average travel time to work by way is: te: Travel time refers to the time it takes to reach the destination from the departure point In the event of a rainstorm warning or heavy rain, what do you think the average travel time to work car or taxi/online ride-hailing service is: te: Travel time refers to the time it takes to reach the destination from the departure point Do you pay attention to weather information before traveling: * Always follow Most of the time	
14 sull No	In the case of a rainstorm warning or heavy rain, what do you think the average travel time to work by way is: te: Travel time refers to the time it takes to reach the destination from the departure point In the event of a rainstorm warning or heavy rain, what do you think the average travel time to work car or taxi/online ride-hailing service is: te: Travel time refers to the time it takes to reach the destination from the departure point Do you pay attention to weather information before traveling: * Always follow Most of the time Sometimes follow Rarely follow Never follow	
14 sul No	te: Travel time refers to the time it takes to reach the destination from the departure point In the case of a rainstorm warning or heavy rain, what do you think the average travel time to work by way is: te: Travel time refers to the time it takes to reach the destination from the departure point In the event of a rainstorm warning or heavy rain, what do you think the average travel time to work car or taxi/online ride-hailing service is: te: Travel time refers to the time it takes to reach the destination from the departure point Do you pay attention to weather information before traveling: Always follow Most of the time Sometimes follow Rarely follow The main way you usually get weather information:	
14 sulul No. * - 15 by No. * - 16 0 0 0 17 0 - 17 0	In the case of a rainstorm warning or heavy rain, what do you think the average travel time to work by way is: te: Travel time refers to the time it takes to reach the destination from the departure point In the event of a rainstorm warning or heavy rain, what do you think the average travel time to work car or taxi/online ride-hailing service is: te: Travel time refers to the time it takes to reach the destination from the departure point Do you pay attention to weather information before traveling: * Always follow Most of the time Sometimes follow Rarely follow Never follow	



0	SMS and push notifications
0	Other channels
18	B. Do you think the official rainstorm warning information is usually accurate and reliable? *
0	Strongly Disagree
0	Somewhat Disagree
0	Unsure
0	Somewhat Agree
0	Strongly Agree
	Do you think the official rainstorm warning information is usually very timely?
	Strongly Disagree
	Somewhat Disagree
	Unsure
0	Somewhat Agree
0	Strongly Agree
20). Do you think the official rainstorm warning information is usually clear and easy to understand?*
	Strongly Disagree
	Somewhat Disagree
	Unsure
	Somewhat Agree
	Strongly Agree
Ü	Strongly Agree
	. Do you think the government will take adequate measures to ensure the reliability of early warning formation: *
0	Strongly Disagree
0	Somewhat Disagree
0	Unsure
0	Somewhat Agree
0	Strongly Agree
	2. Do you think that rainstorm warning information is the main basis for planning a reasonable travel an: *
0	Strongly Disagree
0	Somewhat Disagree
0	Unsure
0	Somewhat Agree
0	Strongly Agree

Part II: Scenario Survey - Encountering a Blue Warning for Heavy Rain before the Morning Peak (Rainfall Has Not Started or Has Not Been Observed by the Naked Eye)

The Shanghai Meteorological Bureau stipulates that the rainstorm warning signal is divided into four levels, which are represented by blue, yellow, orange and red from low to high severity. The blue rainstorm warning standard is that the rainfall in the next hour may reach more than 35 mm. The defense guide given is: 1) Citizens need to prepare rain gear to ensure safety when traveling; 2) Drivers should pay attention to road water accumulation. Assuming that you know about the blue rainstorm warning before the morning rush hour, but the rain has not started or the naked eye has not observed the rain, please answer the following questions related to travel decisions and behavioral tendencies for this scenario.

23. Do you think it is very likely that the blue warning rainstorm will cause the suspension of ground buses and subways? *

O Strongly Disagree

O Somewhat Disagree



O Unsure
O Somewhat Agree
O Strongly Agree
24. Do you think it is very likely that a blue warning rainstorm will cause serious road flooding and congestion: *
Strongly Disagree
O Somewhat Disagree
O Unsure
O Somewhat Agree
Strongly Agree
25. Do you think the probability of serious traffic accidents and injuries caused by blue warning rainstorms is high? *
O Strongly Disagree
O Somewhat Disagree
O Unsure
O Somewhat Agree
O Strongly Agree
26. Do you think there is a high probability that a blue warning rainstorm will cause damage to vehicles or other property: *
O Strongly Disagree
O Somewhat Disagree
O Unsure
O Somewhat Agree
O Strongly Agree
27. You think it is very likely that you will not be able to complete your trip due to the blue warning rainstorm: *
O Strongly Disagree
O Somewhat Disagree
O Unsure
O Somewhat Agree
O Strongly Agree
28. During a blue warning rainstorm, you are able to obtain timely and accurate weather and traffic information during your travel: *
O Strongly Disagree
Somewhat Disagree
Unsure
O Somewhat Agree
Strongly Agree
29. Are you confident that you can pay close attention to your surroundings and avoid potential dangers when traveling during a blue warning rainstorm? *
O Strongly Disagree
O Somewhat Disagree
O Unsure
O Somewhat Agree
O Strongly Agree
30. Are you confident that you can find an alternative route if your trip is interrupted or the route is impassable during a blue warning rainstorm? *

~

O Strongly Disagree	
O Somewhat Disagree	
O Unsure	
O Somewhat Agree	
O Strongly Agree	
31. In case of blue warning rainstorm, you are confident that you can get emergency rescue services when the rainstorm causes the trip to be interrupted: *	
O Strongly Disagree	
O Somewhat Disagree	
O Unsure	
O Somewhat Agree	
O Strongly Agree	
32. In a blue warning rainstorm, you are confident that you can make appropriate decisions quickly when the rainstorm causes other unexpected situations: *	1
O Strongly Disagree	
O Somewhat Disagree	
O Unsure	
O Somewhat Agree	
O Strongly Agree	
33. When traveling during a blue warning rainstorm, do you think it is more convenient to use the travel plan you usually use for commuting? Note: Travel plan in this survey refers to the travel plan adopted from the departure point to the destination, including whether to travel, travel mode and departure time.	
O Strongly Disagree	
O Somewhat Disagree	
O Somewhat Disagree	
Somewhat DisagreeUnsure	
Somewhat DisagreeUnsureSomewhat Agree	
 Somewhat Disagree Unsure Somewhat Agree Strongly Agree 34. When traveling during a blue warning rainstorm, do you think it is more comfortable to use the travel 	
 Somewhat Disagree Unsure Somewhat Agree Strongly Agree 34. When traveling during a blue warning rainstorm, do you think it is more comfortable to use the travel plan you usually use for commuting: * 	
 Somewhat Disagree Unsure Somewhat Agree Strongly Agree 34. When traveling during a blue warning rainstorm, do you think it is more comfortable to use the travel plan you usually use for commuting: * Strongly Disagree 	
 Somewhat Disagree Unsure Somewhat Agree Strongly Agree 34. When traveling during a blue warning rainstorm, do you think it is more comfortable to use the travel plan you usually use for commuting: * Strongly Disagree Somewhat Disagree 	
 Somewhat Disagree Unsure Somewhat Agree Strongly Agree 34. When traveling during a blue warning rainstorm, do you think it is more comfortable to use the travel plan you usually use for commuting: * Strongly Disagree Somewhat Disagree Unsure 	
 Somewhat Disagree Unsure Somewhat Agree Strongly Agree 34. When traveling during a blue warning rainstorm, do you think it is more comfortable to use the travel plan you usually use for commuting: * Strongly Disagree Somewhat Disagree Unsure Somewhat Agree 	
 Somewhat Disagree Unsure Somewhat Agree Strongly Agree 34. When traveling during a blue warning rainstorm, do you think it is more comfortable to use the travel plan you usually use for commuting: * Strongly Disagree Somewhat Disagree Unsure Somewhat Agree Strongly Agree 35. When traveling during a blue warning rainstorm, do you think it is safer to use the travel plan you 	
 Somewhat Disagree Unsure Somewhat Agree Strongly Agree 34. When traveling during a blue warning rainstorm, do you think it is more comfortable to use the travel plan you usually use for commuting: * Strongly Disagree Somewhat Disagree Unsure Somewhat Agree Strongly Agree 35. When traveling during a blue warning rainstorm, do you think it is safer to use the travel plan you usually use for commuting: * 	
 Somewhat Disagree Unsure Somewhat Agree Strongly Agree 34. When traveling during a blue warning rainstorm, do you think it is more comfortable to use the travel plan you usually use for commuting: * Strongly Disagree Somewhat Disagree Unsure Somewhat Agree Strongly Agree Strongly Agree Strongly Agree Strongly Disagree Strongly Agree Strongly Agree Strongly Disagree Strongly Disagree Strongly Disagree Strongly Disagree 	
 ○ Somewhat Disagree ○ Unsure ○ Somewhat Agree ○ Strongly Agree 34. When traveling during a blue warning rainstorm, do you think it is more comfortable to use the travel plan you usually use for commuting: * ○ Strongly Disagree ○ Somewhat Disagree ○ Unsure ○ Somewhat Agree ○ Strongly Agree 35. When traveling during a blue warning rainstorm, do you think it is safer to use the travel plan you usually use for commuting: * ○ Strongly Disagree ○ Somewhat Disagree ○ Somewhat Disagree ○ Somewhat Disagree 	
 ○ Somewhat Disagree ○ Unsure ○ Somewhat Agree ○ Strongly Agree 34. When traveling during a blue warning rainstorm, do you think it is more comfortable to use the travel plan you usually use for commuting: * ○ Strongly Disagree ○ Somewhat Disagree ○ Unsure ○ Somewhat Agree ○ Strongly Agree 35. When traveling during a blue warning rainstorm, do you think it is safer to use the travel plan you usually use for commuting: * ○ Strongly Disagree ○ Somewhat Disagree ○ Somewhat Disagree ○ Somewhat Disagree ○ Unsure 	
 ○ Somewhat Disagree ○ Unsure ○ Somewhat Agree ○ Strongly Agree 34. When traveling during a blue warning rainstorm, do you think it is more comfortable to use the travel plan you usually use for commuting: * ○ Strongly Disagree ○ Somewhat Disagree ○ Unsure ○ Somewhat Agree ○ Strongly Agree 35. When traveling during a blue warning rainstorm, do you think it is safer to use the travel plan you usually use for commuting: * ○ Strongly Disagree ○ Somewhat Disagree ○ Somewhat Disagree ○ Somewhat Disagree ○ Unsure ○ Somewhat Agree 	
 ○ Somewhat Disagree ○ Unsure ○ Somewhat Agree ○ Strongly Agree 34. When traveling during a blue warning rainstorm, do you think it is more comfortable to use the travel plan you usually use for commuting: * ○ Strongly Disagree ○ Somewhat Disagree ○ Unsure ○ Somewhat Agree ○ Strongly Agree 35. When traveling during a blue warning rainstorm, do you think it is safer to use the travel plan you usually use for commuting: * ○ Strongly Disagree ○ Somewhat Disagree ○ Somewhat Disagree ○ Unsure ○ Somewhat Agree ○ Somewhat Agree ○ Strongly Agree 36. When traveling during a blue warning rainstorm, do you think it is more reliable to use the travel plan 	



O Unsure

0 8	omewhat Agree
0 8	itrongly Agree
	there is a blue rainstorm warning before your next trip, are you more likely to choose to travel? *
	trongly Disagree
	omewhat Disagree
	Insure
	omewhat Agree
0 8	trongly Agree
Note	you travel during the next blue rainstorm warning, would you prefer to choose an electric bicycle? Regarding the travel mode selection intention, the "Strongly Agree" option can only be cited once
0 8	trongly Disagree
0 8	omewhat Disagree
0 ι	Insure
0 8	somewhat Agree
0 8	trongly Agree
Note	you travel during the next blue rainstorm warning, are you more inclined to choose private car? Exegarding the travel mode selection intention, the "Strongly Agree" option can only be cated once
0 8	trongly Disagree
0 8	omewhat Disagree
0 ι	Insure
0 8	omewhat Agree
0 8	trongly Agree
Note sele	you travel during the next blue rainstorm warning, which mode of travel would you prefer, taxi or e ride-hailing? e: Regarding the travel mode selection intention, the "Strongly Agree" option can only be cted once
	trongly Disagree
	omewhat Disagree
0 ι	Insure
0 8	omewhat Agree
0 8	trongly Agree
Note	you travel during the next blue rainstorm warning, which mode of transportation would you prefer? :: Regarding the travel mode selection intention, the "Strongly Agree" option can only be cited once
0 8	trongly Disagree
	somewhat Disagree
	Insure
0 8	omewhat Agree
	strongly Agree
Note	you travel during the next blue rainstorm warning, would you prefer to take the subway? Exegarding the travel mode selection intention, the "Strongly Agree" option can only becated once
0 9	the state of the Piles and a
· , ·	trongly Disagree
	omewhat Disagree



O Strongly Agree
43. If you were to travel during the next blue rainstorm warning, which departure time would you prefer?*
O Departure at a later time
O Departure at a later
time
44. If most of your colleagues, friends or family members cancel their travel, will you follow their lead and cancel your travel? *
○ Strongly Disagree
O Somewhat Disagree
O Unsure
O Somewhat Agree
O Strongly Agree
45. If most of your coworkers, friends, or family members choose a different method of travel than you originally planned, will you follow their lead and choose the same method of travel? * O Strongly Disagree
O Somewhat Disagree
O Unsure
O Somewhat Agree
Strongly Agree
46. If most of your colleagues, friends or family choose to postpone their trip, what departure time would you prefer? *
O Departure at a later time
O Departure at a later
time
Part III: Scenario Survey - Encountering a Yellow Rainstorm Warning Before the Morning Peak (Rainfall Has Not Started or Rainfall Has Not Been Observed by the Naked Eye) The Shanghai Meteorological Bureau stipulates that the rainstorm warning signal is divided into four levels, which are represented by blue, yellow, orange and red from low to high severity. The standard for yellow rainstorm warning is that the rainfall in the next hour may reach more than 50 mm. The defense guidelines given are: 1) Citizens try to reduce going out; 2) Drivers pay attention to road water accumulation; 3) Cut off dangerous outdoor power supplies in low-lying areas; 4) Suspend outdoor work in open areas; 5) People in dangerous areas and residents of dangerous houses move to safe places to avoid rain. Assuming that you learn about the yellow rainstorm warning before the morning rush hour, but the rain has not started or the rain has not been observed by the naked eye, please answer the following questions related to travel decisions and behavioral tendencies for this scenario.
the Morning Peak (Rainfall Has Not Started or Rainfall Has Not Been Observed by the Naked Eye) The Shanghai Meteorological Bureau stipulates that the rainstorm warning signal is divided into four levels, which are represented by blue, yellow, orange and red from low to high severity. The standard for yellow rainstorm warning is that the rainfall in the next hour may reach more than 50 mm. The defense guidelines given are: 1) Citizens try to reduce going out; 2) Drivers pay attention to road water accumulation; 3) Cut off dangerous outdoor power supplies in low-lying areas; 4) Suspend outdoor work in open areas; 5) People in dangerous areas and residents of dangerous houses move to safe places to avoid rain. Assuming that you learn about the yellow rainstorm warning before the morning rush hour, but the rain has not started or the rain has not been observed by the naked eye, please answer the following questions related to travel decisions and behavioral tendencies for this scenario.
the Morning Peak (Rainfall Has Not Started or Rainfall Has Not Been Observed by the Naked Eye) The Shanghai Meteorological Bureau stipulates that the rainstorm warning signal is divided into four levels, which are represented by blue, yellow, orange and red from low to high severity. The standard for yellow rainstorm warning is that the rainfall in the next hour may reach more than 50 mm. The defense guidelines given are: 1) Citizens try to reduce going out; 2) Drivers pay attention to road water accumulation; 3) Cut off dangerous outdoor power supplies in low-lying areas; 4) Suspend outdoor work in open areas; 5) People in dangerous areas and residents of dangerous houses move to safe places to avoid rain. Assuming that you learn about the yellow rainstorm warning before the morning rush hour, but the rain has not started or the rain has not been observed by the naked eye, please answer the following questions related to travel decisions and behavioral tendencies for this scenario. 47. Do you think it is very likely that yellow warning rainstorm will cause the suspension of ground buses and subways? *
the Morning Peak (Rainfall Has Not Started or Rainfall Has Not Been Observed by the Naked Eye) The Shanghai Meteorological Bureau stipulates that the rainstorm warning signal is divided into four levels, which are represented by blue, yellow, orange and red from low to high severity. The standard for yellow rainstorm warning is that the rainfall in the next hour may reach more than 50 mm. The defense guidelines given are: 1) Citizens try to reduce going out; 2) Drivers pay attention to road water accumulation; 3) Cut off dangerous outdoor power supplies in low-lying areas; 4) Suspend outdoor work in open areas; 5) People in dangerous areas and residents of dangerous houses move to safe places to avoid rain. Assuming that you learn about the yellow rainstorm warning before the morning rush hour, but the rain has not started or the rain has not been observed by the naked eye, please answer the following questions related to travel decisions and behavioral tendencies for this scenario. 47. Do you think it is very likely that yellow warning rainstorm will cause the suspension of ground buses and subways? * Strongly Disagree
the Morning Peak (Rainfall Has Not Started or Rainfall Has Not Been Observed by the Naked Eye) The Shanghai Meteorological Bureau stipulates that the rainstorm warning signal is divided into four levels, which are represented by blue, yellow, orange and red from low to high severity. The standard for yellow rainstorm warning is that the rainfall in the next hour may reach more than 50 mm. The defense guidelines given are: 1) Citizens try to reduce going out; 2) Drivers pay attention to road water accumulation; 3) Cut off dangerous outdoor power supplies in low-lying areas; 4) Suspend outdoor work in open areas; 5) People in dangerous areas and residents of dangerous houses move to safe places to avoid rain. Assuming that you learn about the yellow rainstorm warning before the morning rush hour, but the rain has not started or the rain has not been observed by the naked eye, please answer the following questions related to travel decisions and behavioral tendencies for this scenario. 47. Do you think it is very likely that yellow warning rainstorm will cause the suspension of ground buses and subways? *
the Morning Peak (Rainfall Has Not Started or Rainfall Has Not Been Observed by the Naked Eye) The Shanghai Meteorological Bureau stipulates that the rainstorm warning signal is divided into four levels, which are represented by blue, yellow, orange and red from low to high severity. The standard for yellow rainstorm warning is that the rainfall in the next hour may reach more than 50 mm. The defense guidelines given are: 1) Citizens try to reduce going out; 2) Drivers pay attention to road water accumulation; 3) Cut off dangerous outdoor power supplies in low-lying areas; 4) Suspend outdoor work in open areas; 5) People in dangerous areas and residents of dangerous houses move to safe places to avoid rain. Assuming that you learn about the yellow rainstorm warning before the morning rush hour, but the rain has not started or the rain has not been observed by the naked eye, please answer the following questions related to travel decisions and behavioral tendencies for this scenario. 47. Do you think it is very likely that yellow warning rainstorm will cause the suspension of ground buses and subways? * Strongly Disagree
the Morning Peak (Rainfall Has Not Started or Rainfall Has Not Been Observed by the Naked Eye) The Shanghai Meteorological Bureau stipulates that the rainstorm warning signal is divided into four levels, which are represented by blue, yellow, orange and red from low to high severity. The standard for yellow rainstorm warning is that the rainfall in the next hour may reach more than 50 mm. The defense guidelines given are: 1) Citizens try to reduce going out; 2) Drivers pay attention to road water accumulation; 3) Cut off dangerous outdoor power supplies in low-lying areas; 4) Suspend outdoor work in open areas; 5) People in dangerous areas and residents of dangerous houses move to safe places to avoid rain. Assuming that you learn about the yellow rainstorm warning before the morning rush hour, but the rain has not started or the rain has not been observed by the naked eye, please answer the following questions related to travel decisions and behavioral tendencies for this scenario. 47. Do you think it is very likely that yellow warning rainstorm will cause the suspension of ground buses and subways? * Strongly Disagree Somewhat Disagree
the Morning Peak (Rainfall Has Not Started or Rainfall Has Not Been Observed by the Naked Eye) The Shanghai Meteorological Bureau stipulates that the rainstorm warning signal is divided into four levels, which are represented by blue, yellow, orange and red from low to high severity. The standard for yellow rainstorm warning is that the rainfall in the next hour may reach more than 50 mm. The defense guidelines given are: 1) Citizens try to reduce going out; 2) Drivers pay attention to road water accumulation; 3) Cut off dangerous outdoor power supplies in low-lying areas; 4) Suspend outdoor work in open areas; 5) People in dangerous areas and residents of dangerous houses move to safe places to avoid rain. Assuming that you learn about the yellow rainstorm warning before the morning rush hour, but the rain has not started or the rain has not been observed by the naked eye, please answer the following questions related to travel decisions and behavioral tendencies for this scenario. 47. Do you think it is very likely that yellow warning rainstorm will cause the suspension of ground buses and subways? * Strongly Disagree Somewhat Disagree Unsure
the Morning Peak (Rainfall Has Not Started or Rainfall Has Not Been Observed by the Naked Eye) The Shanghai Meteorological Bureau stipulates that the rainstorm warning signal is divided into four levels, which are represented by blue, yellow, orange and red from low to high severity. The standard for yellow rainstorm warning is that the rainfall in the next hour may reach more than 50 mm. The defense guidelines given are: 1) Citizens try to reduce going out; 2) Drivers pay attention to road water accumulation; 3) Cut off dangerous outdoor power supplies in low-lying areas; 4) Suspend outdoor work in open areas; 5) People in dangerous areas and residents of dangerous houses move to safe places to avoid rain. Assuming that you learn about the yellow rainstorm warning before the morning rush hour, but the rain has not started or the rain has not been observed by the naked eye, please answer the following questions related to travel decisions and behavioral tendencies for this scenario. 47. Do you think it is very likely that yellow warning rainstorm will cause the suspension of ground buses and subways?* Strongly Disagree Somewhat Disagree Unsure Somewhat Agree
the Morning Peak (Rainfall Has Not Started or Rainfall Has Not Been Observed by the Naked Eye) The Shanghai Meteorological Bureau stipulates that the rainstorm warning signal is divided into four levels, which are represented by blue, yellow, orange and red from low to high severity. The standard for yellow rainstorm warning is that the rainfall in the next hour may reach more than 50 mm. The defense guidelines given are: 1) Citizens try to reduce going out; 2) Drivers pay attention to road water accumulation; 3) Cut off dangerous outdoor power supplies in low-lying areas; 4) Suspend outdoor work in open areas; 5) People in dangerous areas and residents of dangerous houses move to safe places to avoid rain. Assuming that you learn about the yellow rainstorm warning before the morning rush hour, but the rain has not started or the rain has not been observed by the naked eye, please answer the following questions related to travel decisions and behavioral tendencies for this scenario. 47. Do you think it is very likely that yellow warning rainstorm will cause the suspension of ground buses and subways? * Strongly Disagree Somewhat Disagree Unsure Somewhat Agree Strongly Agree
the Morning Peak (Rainfall Has Not Started or Rainfall Has Not Been Observed by the Naked Eye) The Shanghai Meteorological Bureau stipulates that the rainstorm warning signal is divided into four levels, which are represented by blue, yellow, orange and red from low to high severity. The standard for yellow rainstorm warning is that the rainfall in the next hour may reach more than 50 mm. The defense guidelines given are: 1) Citizens try to reduce going out; 2) Drivers pay attention to road water accumulation; 3) Cut off dangerous outdoor power supplies in low-lying areas; 4) Suspend outdoor work in open areas; 5) People in dangerous areas and residents of dangerous houses move to safe places to avoid rain. Assuming that you learn about the yellow rainstorm warning before the morning rush hour, but the rain has not started or the rain has not been observed by the naked eye, please answer the following questions related to travel decisions and behavioral tendencies for this scenario. 47. Do you think it is very likely that yellow warning rainstorm will cause the suspension of ground buses and subways? Strongly Disagree Unsure Somewhat Agree Strongly Agree
the Morning Peak (Rainfall Has Not Started or Rainfall Has Not Been Observed by the Naked Eye) The Shanghai Meteorological Bureau stipulates that the rainstorm warning signal is divided into four levels, which are represented by blue, yellow, orange and red from low to high severity. The standard for yellow rainstorm warning is that the rainfall in the next hour may reach more than 50 mm. The defense guidelines given are: 1) Citizens try to reduce going out; 2) Drivers pay attention to road water accumulation; 3) Cut off dangerous outdoor power supplies in low-lying areas; 4) Suspend outdoor work in open areas; 5) People in dangerous areas and residents of dangerous houses move to safe places to avoid rain. Assuming that you learn about the yellow rainstorm warning before the morning rush hour, but the rain has not started or the rain has not been observed by the naked eye, please answer the following questions related to travel decisions and behavioral tendencies for this scenario. 47. Do you think it is very likely that yellow warning rainstorm will cause the suspension of ground buses and subways? Strongly Disagree Somewhat Disagree Somewhat Agree Strongly Agree 48. Do you think it is very likely that a yellow warning rainstorm will cause serious road flooding and congestion: Strongly Disagree



O Strongly Agree

49. Do you think that the possibility of serious traffic accidents and injuries caused by yellow warning rainstorms is very high: *
O Strongly Disagree
O Somewhat Disagree
O Unsure
O Somewhat Agree
O Strongly Agree
50. Do you think that the possibility of damage to vehicles or other property caused by yellow warning rainstorm is high? *
O Strongly Disagree
O Somewhat Disagree
O Unsure
O Somewhat Agree
O Strongly Agree
51. You think it is very likely that you will not be able to complete your trip due to the yellow warning rainstorm: *
Strongly Disagree
Somewhat DisagreeUnsure
O Somewhat Agree
O Strongly Agree
52. During a yellow rainstorm warning, you are able to obtain timely and accurate weather and traffic information during your travel: *
O Strongly Disagree
O Somewhat Disagree
Ounsure
O Somewhat Agree
O Strongly Agree
53. Are you confident that you can pay close attention to your surroundings and avoid potential dangers when traveling during a yellow warning rainstorm? *
O Strongly Disagree
O Somewhat Disagree
O Unsure
O Somewhat Agree
O Strongly Agree
54. You are confident that you can find an alternative route if your trip is interrupted or the route is impassable during a yellow rainstorm: *
O Strongly Disagree
O Somewhat Disagree
O Unsure
O Somewhat Agree
O Strongly Agree
55. During the Yellow Warning Rainstorm, you are confident that you will be able to obtain emergency rescue services if the rainstorm causes the trip to be interrupted: *
O Strongly Disagree
O Somewhat Disagree



O Unsure

	Somewhat Agree
0	Strongly Agree
	During a yellow rainstorm warning, you are confident that you can make appropriate decisions quickly ne rainstorm causes other unexpected situations: *
0	Strongly Disagree
0	Somewhat Disagree
0	Unsure
0	Somewhat Agree
	Strongly Agree
	Citorigiy / igico
57. use	Under the yellow warning rainstorm, you think it is more convenient to use the travel plan you usually a for commuting: *
0	Strongly Disagree
0	Somewhat Disagree
0	Unsure
0	Somewhat Agree
0	Strongly Agree
	When traveling during a yellow warning rainstorm, do you think it is more comfortable to use the vel plan you usually use for commuting: *
0	Strongly Disagree
0	Somewhat Disagree
0	Unsure
0	Somewhat Agree
0	Strongly Agree
นรเ	When traveling during a yellow warning rainstorm, do you think it is safer to use the travel plan you ually use for commuting: * Strongly Disagree
0	Somewhat Disagree
0	Unsure
0	Somewhat Agree
	Strongly Agree
60.	When traveling during a yellow warning rainstorm, do you think it is more reliable to use the travel n you usually use for commuting: *
0	Strongly Disagree
0	Somewhat Disagree
	Unsure
	Somewhat Agree
	Strongly Agree
	Strongly Agree
	If there is a yellow rainstorm warning before your next trip, are you more likely to choose to travel? *
	Strongly Disagree
	Somewhat Disagree
0	Unsure
0	Somewhat Agree
	Strongly Agree

~

0	Strongly Disagree
0	Somewhat Disagree
0	Unsure
0	Somewhat Agree
0	Strongly Agree
No	If you travel during the next yellow rainstorm warning, are you more inclined to choose private car? te: Regarding the travel mode selection intention, the "Strongly Agree" option can only be ected once
0	Strongly Disagree
0	Somewhat Disagree
	Unsure
	Somewhat Agree
	Strongly Agree
	Strongly Agree
onl No	If you travel during the next yellow rainstorm warning, which mode of travel would you prefer, taxi or ine ride-hailing? te: Regarding the travel mode selection intention, the "Strongly Agree" option can only be ected once
0	Strongly Disagree
0	Somewhat Disagree
0	Unsure
0	Somewhat Agree
	Strongly Agree
*	Strongly Disagree
	Strongly Disagree Somewhat Disagree
	Unsure
	Somewhat Agree
O	Strongly Agree
No	If you travel during the next yellow rainstorm warning, would you prefer to take the subway? te: Regarding the travel mode selection intention, the "Strongly Agree" option can only be ected once
0	Strongly Disagree
	Somewhat Disagree
_	Unsure
	Somewhat Agree
	Strongly Agree
_	Changiy Agree
67.	If you travel during the next yellow rainstorm warning, which departure time would you prefer? *
0	Departure at a later time
0	Departure at a later
tir	me
	If most of your colleagues, friends or family members cancel their travel, will you follow their lead and neel your travel? *
0	Strongly Disagree
0	Somewhat Disagree
	Unsure



0 ;	Somewhat Agree
0 ;	Strongly Agree
	If most of your coworkers, friends, or family members choose a different method of travel than you inally planned, will you follow their lead and choose the same method of travel? *
0 ;	Strongly Disagree
0 ;	Somewhat Disagree
0	Unsure
0 ;	Somewhat Agree
0 ;	Strongly Agree
	If your colleagues, friends or family choose to postpone their trip, which departure time would you ter? *
0	Departure at a later time
0	Departure at a later
tin	ne
	Part 4: Basic Personal and Family Information
71.	Gender: *
0	Male
0	Female
72.	Age: *
70	Education (currently studying or graduated): *
	PhD
	Master
0	Bachelor
	College
	High School
	Other
74.	Occupation: *
0	Private enterprise staff
0	Foreign enterprise staff
0 ;	State-owned enterprise staff
0	Government/institutions
0 :	Self-employed
0	Freelance
0 :	Sales/service
0 (Other
75.	Personal annual income (ten thousand yuan): *
— 76.	Number of cars owned by the family (units): *
_	
77.	How long have you lived/reside in the local area (years): *
_	



