

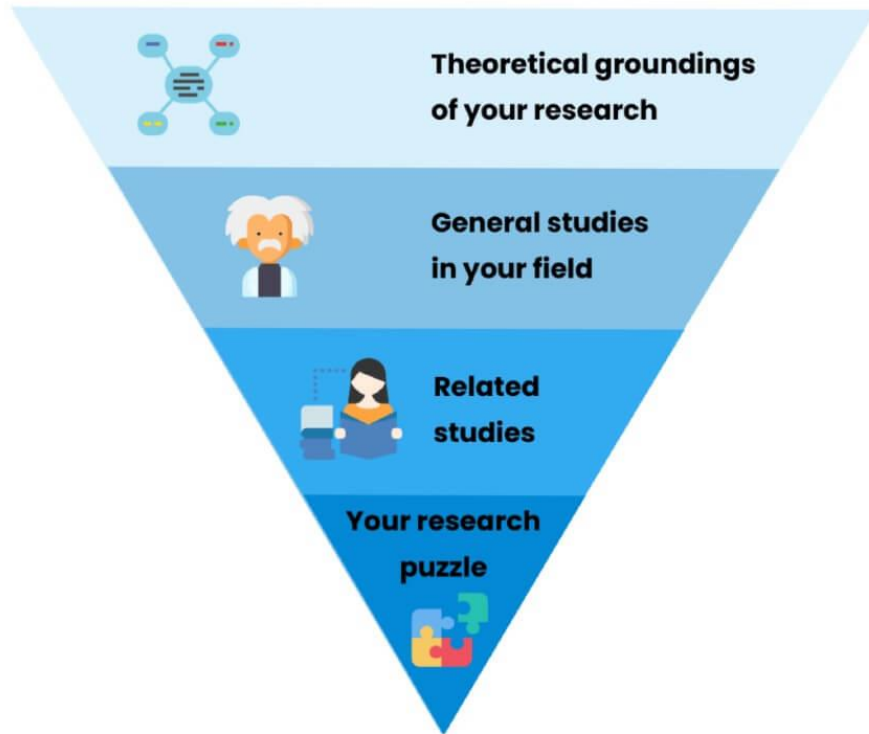


## Agenda

- Literature Review
- Next steps for RQ1
- Comments and Suggestions



## Literature Review



Navigation



Pedestrian Navigation



Mobile Map Pedestrian Navigation



Research Gap

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Q1 : Method

keyword search, citation tracking, others?

Efficient tools?

Q2 : Should literature about methodology (such as data analysis/ algorithm) be put into literature review or in Chapter Methodology?

- What are the main factors which influence when and where the pedestrians check the mobile map during walking navigation?

Factor	Variable X	Variable Y	Analysis
Spatial and Navigational Abilities	Santa Barbara Sense of Direction Scale	Average number of map checking points( Based on distance/ time)	Correlational Analysis/ Regression Analysis/ Statistical Significance

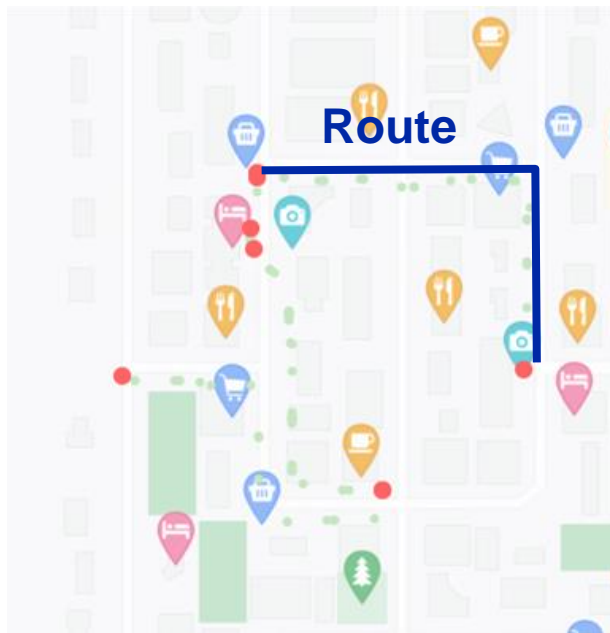
references, and experiences. After each statement, you should choose an answer to indicate your level of agreement with the statement.

Agree	Disagree	Somewhat agree	Somewhat disagree	Agree	Somewhat agree	Somewhat disagree	Agree	Somewhat agree	Neutral
	Somewhat disagree		Agree		Somewhat disagree		Agree	Somewhat agree	
	Disagree		Somewhat disagree		Agree		Somewhat agree		
	Somewhat disagree		Disagree		Somewhat disagree		Somewhat agree		
	Disagree		Somewhat disagree		Agree		Agree		
	Disagree		Strongly disagree		Neutral		Agree		
	Somewhat disagree		Somewhat agree		Disagree		Somewhat agree		
	Somewhat disagree				Disagree		Somewhat agree		
	Somewhat disagree				Strongly disagree		Somewhat agree		
Agree	Neutral				Somewhat disagree				Neutral
	Disagree		Agree		Somewhat disagree				
	Neutral				Neutral				
	Somewhat disagree		Agree		Neutral				
Agree			Agree				Strongly agree		
	Disagree		Agree		Somewhat agree		Agree		
	Disagree		Somewhat agree		Neutral				
Somewhat agree	Disagree		Strongly agree				Strongly agree		Somewhat agree
Somewhat agree			Somewhat agree						Neutral
	Strongly disagree		Somewhat disagree						Neutral

*Santa Barbara Sense of Direction Scale*

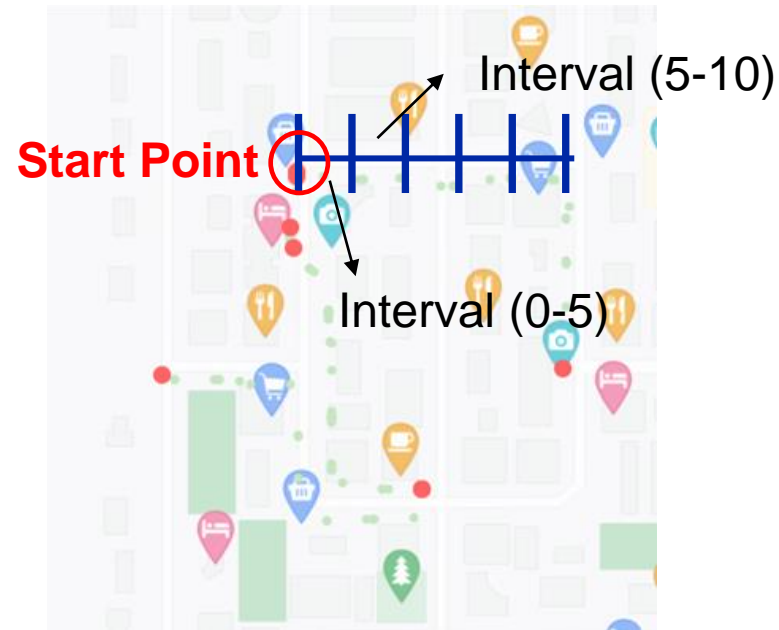
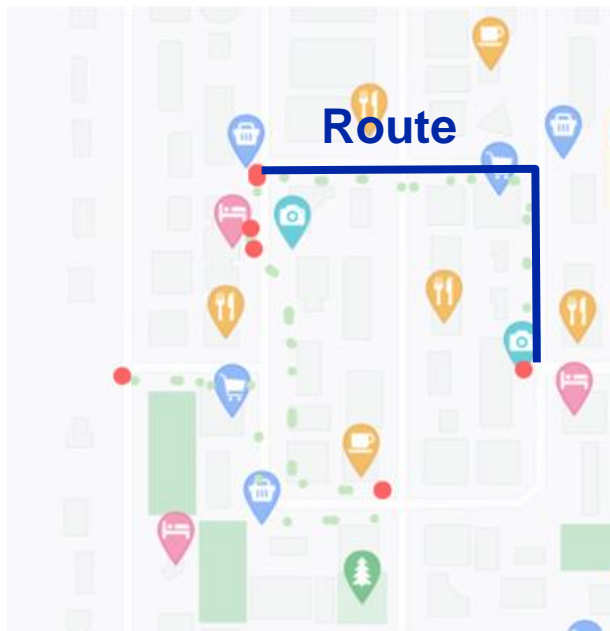
- What are the main factors which influence when and where the pedestrians check the mobile map during walking navigation?

Factor	Variable X	Variable Y	Analysis
Distance to intersections	Distance interval to Intersections (0-5/5-10/10-15 .....)	Number of map checking points	Correlational Analysis/ Regression Analysis/ Statistical Significance



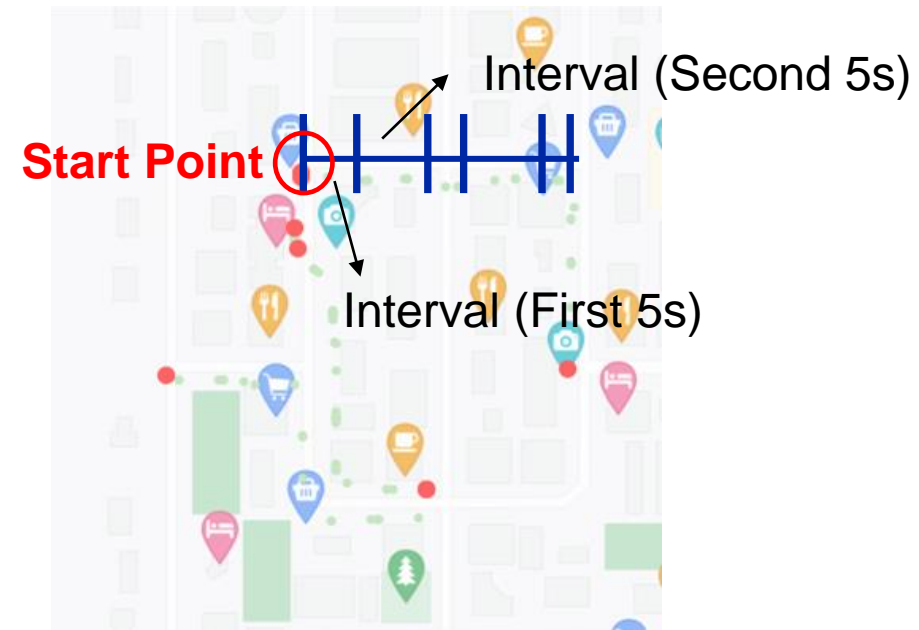
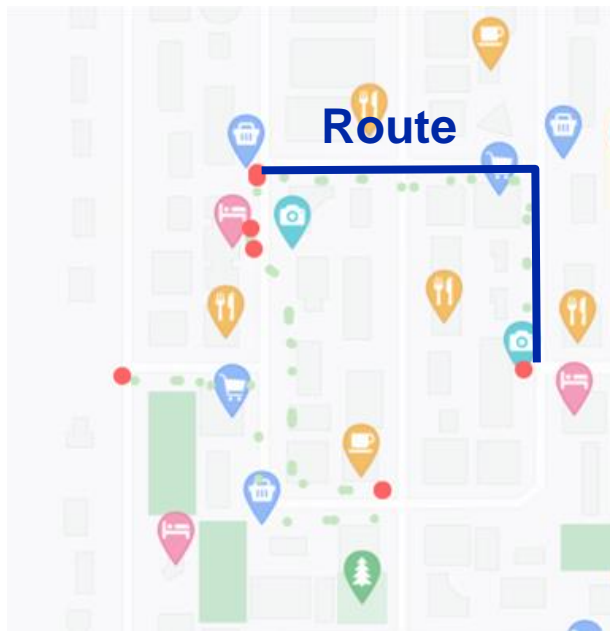
- What are the main factors which influence when and where the pedestrians check the mobile map during walking navigation?

Factor	Variable X	Variable Y	Analysis
Distance from start point	Distance Interval from Start Point(0-5/5-10/10-15 .....)	Number of map checking points	Correlational Analysis/ Regression Analysis/ Statistical Significance



- What are the main factors which influence when and where the pedestrians check the mobile map during walking navigation?

Factor	Variable X	Variable Y	Analysis
Time from start point	Time duration from Start Point(0-5/5-10/10-15 .....	Number of map checking points	Correlational Analysis/ Regression Analysis/ Statistical Significance





## Comments and Suggestions: