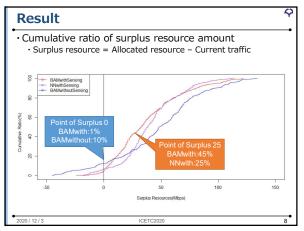


Vohiele	e information generation		
	5		
	ated by SUMO (Simulation of U		
	ad network : OpenStreetMap for 2.4	i square kilometers arc	ound JR
	njuku Station, Tokyo, Japan	معاميتهم المستحد مرامتها	_
	vement attribute : Open PFLOW, Mu nber with an average of 8 variances		
	5		licite
	unication traffic generat		
	ommunication traffic is the num		
	ommunication traffic is the num al random number with an avera		
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norma	al random number with an avera eters Parameter	age of 0 variance of Value	
norma	al random number with an avera eters Parameter Cognitive interval	age of 0 variance of Value 1 minute	
norma	al random number with an avera eters Parameter Cognitive interval Predicted time slot : P	age of 0 variance of Value 1 minute 5	
norma	al random number with an avera eters Parameter Cognitive interval Predicted time slot : P (BAM) Sensory uncertainty	age of 0 variance of Value 1 minute 5 0.3	

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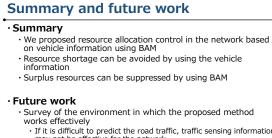
Proposed and compared method

- BAMwithSensing : Proposed method
 Resource allocation by BAM using network traffic and traffic flow sensing information
- NNwithSensing : Conpared method 1
- Resource allocation by Nearest Neighbor using network traffic and traffic flow sensing information
 Nearest Neighbor : A method to output the learning point closest to the input point as a cognitive result
- BAMwithoutSensing : Conpared method 2 • Resource allocation by BAM using only network traffic

Point

- ✓ Are resources allocated well by using BAM?
 ✓ Are resources allocated well by using vehicle information?

7



Vorks effectively
If it is difficult to predict the road traffic, traffic sensing information may not be effective for the network
We plan to investigate the resource allocation results when the accuracy of traffic prediction is changed.

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