

Report

User :Khampherborlang

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University/College Name :



Experiment No. 7

Modal Split

October 30, 2021, 9:13 pm

Input Values :

Trip Characteristics						
	tu(ij)	tw(ij)	tt(ij)	Fij	pC	phi(j)
Two Wheeler	25	0	0	0	28	0
ai	0.05	0.04	0.07	0.2	0.2	0

Cost of travel by Two Wheeler = $0.05 * 25 + 0.04 * 0 + 0.07 * 0 + 0.2 * 0 + 0.2 * 28 + 0 * 0 = 6.85$

Probability of choosing mode, Two Wheeler = 1

Proportion of Trips by Two Wheeler = $1 * 4200 = 4200$

Fare Collected from Two Wheeler = $4200 * 6.85 = 28770$



Solutions										
	tu(ij)	tw(ij)	tt(ij)	Fij	pC	phi(j)	C	eC	P(ij)	T(ij)
Two Wheeler	25	0	0	0	28	0	6.85	0.0011	1	4200
ai	0.05	0.04	0.07	0.2	0.2	0	-	-	-	-

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Experiment No. 7

Modal Split

October 30, 2021, 9:10 pm

Input Values :

Trip Characteristics						
	$t_u(ij)$	$t_w(ij)$	$t_t(ij)$	F_{ij}	p_C	$\phi(ij)$
Car	25	0	0	0	28	0
ai	0.05	0.04	0.07	0.2	0.2	0

Cost of travel by Car = $0.05 * 25 + 0.04 * 0 + 0.07 * 0 + 0.2 * 0 + 0.2 * 28 + 0 * 0 = 6.85$

Probability of choosing mode, Car = 1

Proportion of Trips by Car = $1 * 4200 = 4200$

Fare Collected from Car = $4200 * 6.85 = 28770$



Solutions										
	$tu(ij)$	$tw(ij)$	$tt(ij)$	F_{ij}	pC	$\phi(ij)$	C	eC	$P(ij)$	$T(ij)$
Car	25	0	0	0	28	0	6.85	0.0011	1	4200
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Solutions										
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Car	25	0	0	0	28	0	6.85	0.0011	1	4200
ai	0.05	0.04	0.07	0.2	0.2	0	-	-	-	-