

# HW2 Advanced DCM

Trisha Ramadoss

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**Table 1**

Variable	Categories	Percent
DISCOUNT	1	47.3
GA	1	12.3
VEH_AVAI	1	66.8
VEH_AVAI	2	17.9
VEH_AVAI	3	15.4
EDUC	1	9.8
EDUC	2	50.8
EDUC	3	39.4
WORKING	0	32.4
WORKING	1	16.4
WORKING	2	43.9
WORKING	3	7.3
HH_INC_A	10000	8.5
HH_INC_A	30000	10.0
HH_INC_A	50000	15.9
HH_INC_A	70000	19.0
HH_INC_A	90000	20.4
HH_INC_A	112500	12.6
HH_INC_A	137500	6.0
HH_INC_A	167500	7.6

**Table 2**

Distance	Commuting	Shopping	Business	Leisure	Total
<5	22.0	29.2	1.3	14.1	18.5
5-10	15.9	25.0	2.6	7.3	13.0
10-20	22.0	23.7	6.5	11.5	16.7
20-30	15.7	13.1	9.1	11.3	12.8
30-50	14.3	5.5	14.3	14.6	12.7
50-75	5.5	2.1	14.3	10.2	7.5
75-100	2.7	0.4	7.8	10.4	6.0
>100	1.9	0.8	44.2	20.6	12.7

**Table 3**

	Business	Commuting	Leisure	Shopping
Mode choice: car vs. bus	6	162	186	126
Mode choice: car vs. rail	426	1716	2538	1104
Route choice: bus for bus users	9	405	450	342
Route choice: car for car users	156	846	1176	660
Route choice: rail for car users	126	594	837	504
Route choice: rail for rail users	324	1008	1881	288
Total	1047	4731	7068	3024

Trip Purpose	Total	Avg Income	Avg Trip Distance
Business	77	98223.50	97.62
Commuting	364	84655.99	23.10
Leisure	548	75181.45	60.18
Shopping	236	76703.87	14.03
Total	1225	79816.16	42.80