

## Example 4 - Results

Table 1: Generalized logistic regression model results for `VehChoicePrice.csv` data set. Dependent variable is type of vehicle chosen: 'Motorbike', 'Four wheel drive' and 'Car' (baseline).

Variable	Parameter estimate	Standard error	P-value
Intercept(Four wheel drive)	-0.411	0.288	0.153
Intercept(Motorbike)	-3.493	0.434	<0.001
price	0.056	0.006	<0.001
men(Four wheel drive)	0.331	0.276	0.229
men(Motorbike)	0.713	0.180	<0.001
urban(Four wheel drive)	-0.767	0.270	0.004
urban(Motorbike)	0.082	0.146	0.574
age(Four wheel drive)	-0.001	0.008	0.884
age(Motorbike)	-0.033	0.006	<0.001
-2Log-Likelihood	$-2 \times (-1055.8)$		
Likelihood ratio test	141.110 (df=7, p-value <0.001 )		