

Analysis Results

1. Descriptive Statistics

Variable	Obs.	Mean	Std. Dev.	Min	Max
price	74	6165.257	2949.496	3291	15906
mpg	74	21.297	5.786	12	41
rep78	69	3.406	.99	1	5
headroom	74	2.993	.846	1.5	5
trunk	74	13.757	4.277	5	23
weight	74	3019.459	777.194	1760	4840
length	74	187.932	22.266	142	233
turn	74	39.649	4.399	31	51
displacement	74	197.297	91.837	79	425
gear ratio	74	3.015	.456	2.19	3.89
foreign	74	.297	.46	0	1

2. Regression Results

	Coef.	St. Err.	t-value	p-value	[95% Conf	Interval]	Sig
price							
mpg	-49.512	95.807	-0.52	.607	-240.547	141.522	
weight	1.747	.778	2.25	.028	.196	3.298	**
Constant	1946.069	4213.793	0.46	.646	-6455.995	10348.133	
Mean dependent var		6165.257	SD dependent var			2949.496	
R-squared		0.293	Number of obs.			74	
F-test		14.836	Prob > F			0.000	
Akaike crit. (AIC)		1371.727	Bayesian crit. (BIC)			1378.640	

*** $p < .01$, ** $p < .05$, * $p < .1$