**相关系数表1**

**Correlation Coefficient**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | price | mpg | rep78 | headroom | trunk | weight | length |
| price |  | -0.555\*\*\* | 0.103 | 0.117 | 0.424\*\*\* | 0.501\*\*\* | 0.501\*\*\* |
| mpg | -0.469\*\*\* |  | 0.310\*\*\* | -0.468\*\*\* | -0.646\*\*\* | -0.857\*\*\* | -0.846\*\*\* |
| rep78 | 0.007 | 0.402\*\*\* |  | -0.158 | -0.224\* | -0.414\*\*\* | -0.385\*\*\* |
| headroom | 0.115 | -0.414\*\*\* | -0.148 |  | 0.675\*\*\* | 0.519\*\*\* | 0.535\*\*\* |
| trunk | 0.314\*\*\* | -0.582\*\*\* | -0.157 | 0.662\*\*\* |  | 0.662\*\*\* | 0.734\*\*\* |
| weight | 0.539\*\*\* | -0.807\*\*\* | -0.400\*\*\* | 0.483\*\*\* | 0.672\*\*\* |  | 0.951\*\*\* |
| length | 0.432\*\*\* | -0.796\*\*\* | -0.361\*\*\* | 0.516\*\*\* | 0.727\*\*\* | 0.946\*\*\* |  |
| Lower-triangular cells report Pearson's correlation coefficients, upper-triangular cells are Spearman’s rank correlation | | | | | | | |
| \*\*\* p<0.01, \*\* p<0.05, \* p<0.1 | | | | | | | |

**相关系数表2**

**Correlation Coefficient**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | price | mpg | rep78 | headroom | trunk | weight | length |
| price |  | -0.388 | -0.340 | -0.598\*\* | -0.494\*\* | 0.723\*\*\* | -0.119 |
| mpg | -0.254 |  | 0.147 | 0.454\* | 0.050 | -0.481\* | -0.246 |
| rep78 | -0.283 | 0.184 |  | 0.027 | 0.097 | 0.140 | 0.292 |
| headroom | -0.252 | -0.332 | -0.054 |  | 0.525\*\* | -0.530\*\* | 0.231 |
| trunk | -0.284 | -0.535\*\* | 0.159 | 0.757\*\*\* |  | -0.154 | 0.668\*\*\* |
| weight | 0.549\*\* | -0.696\*\*\* | 0.098 | 0.233 | 0.463\* |  | 0.443\* |
| length | 0.015 | -0.624\*\*\* | 0.251 | 0.469\*\* | 0.795\*\*\* | 0.794\*\*\* |  |
| The top 30 of domestic car sort by price | | | | | | | |
| Lower-triangular cells report Pearson's correlation coefficients, upper-triangular cells are Spearman’s rank correlation | | | | | | | |
| \*\*\* p<0.01, \*\* p<0.05, \* p<0.1 | | | | | | | |

**相关系数表3**

**Correlation Coefficient**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | price | mpg | rep78 | headroom | trunk | weight | length |
| price |  | -0.555\* | 0.103 | 0.117 | 0.424\* | 0.501\* | 0.501\* |
| mpg | -0.469\* |  | 0.310\* | -0.468\* | -0.646\* | -0.857\* | -0.846\* |
| rep78 | 0.007 | 0.402\* |  | -0.158 | -0.224 | -0.414\* | -0.385\* |
| headroom | 0.115 | -0.414\* | -0.148 |  | 0.675\* | 0.519\* | 0.535\* |
| trunk | 0.314\* | -0.582\* | -0.157 | 0.662\* |  | 0.662\* | 0.734\* |
| weight | 0.539\* | -0.807\* | -0.400\* | 0.483\* | 0.672\* |  | 0.951\* |
| length | 0.432\* | -0.796\* | -0.361\* | 0.516\* | 0.727\* | 0.946\* |  |
| Lower-triangular cells report Pearson's correlation coefficients, upper-triangular cells are Spearman’s rank correlation | | | | | | | |
| \* p<0.05 | | | | | | | |

**Correlation Coefficient**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | price | mpg | rep78 | headroom | trunk | weight | length |
| price |  | -0.56\* | 0.10 | 0.12 | 0.42\* | 0.50\* | 0.50\* |
| mpg | -0.47\* |  | 0.31\* | -0.47\* | -0.65\* | -0.86\* | -0.85\* |
| rep78 | 0.01 | 0.40\* |  | -0.16 | -0.22 | -0.41\* | -0.39\* |
| headroom | 0.11 | -0.41\* | -0.15 |  | 0.67\* | 0.52\* | 0.53\* |
| trunk | 0.31\* | -0.58\* | -0.16 | 0.66\* |  | 0.66\* | 0.73\* |
| weight | 0.54\* | -0.81\* | -0.40\* | 0.48\* | 0.67\* |  | 0.95\* |
| length | 0.43\* | -0.80\* | -0.36\* | 0.52\* | 0.73\* | 0.95\* |  |
| Lower-triangular cells report Pearson's correlation coefficients, upper-triangular cells are Spearman’s rank correlation | | | | | | | |
| \* p<0.05 | | | | | | | |

**回归系数表**

描述性统计表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| VarName | Mean | SD | Min | Median | Max |
| price | 6165.257 | 2949.496 | 3291.000 | 5006.500 | 15906.000 |
| mpg | 21.297 | 5.786 | 12.000 | 20.000 | 41.000 |
| rep78 | 3.406 | 0.990 | 1.000 | 3.000 | 5.000 |
| headroom | 2.993 | 0.846 | 1.500 | 3.000 | 5.000 |
| trunk | 13.757 | 4.277 | 5.000 | 14.000 | 23.000 |
| weight | 3019.459 | 777.194 | 1760.000 | 3190.000 | 4840.000 |
| length | 187.932 | 22.266 | 142.000 | 192.500 | 233.000 |

分组t检验

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| varname | obs(Domestic) | mean(Domestic) | obs(Foreign) | mean(Foreign) | mean-diff | t |
| price | 48 | 6179.250 | 21 | 6070.143 | 109.107 | 0.142 |
| mpg | 48 | 19.542 | 21 | 25.286 | -5.744\*\*\* | -4.169 |
| rep78 | 48 | 3.021 | 21 | 4.286 | -1.265\*\*\* | -6.016 |
| headroom | 48 | 3.188 | 21 | 2.571 | 0.616\*\*\* | 2.907 |
| trunk | 48 | 15.083 | 21 | 11.286 | 3.798\*\*\* | 3.629 |
| weight | 48 | 3368.333 | 21 | 2263.333 | 1105.000\*\*\* | 6.927 |
| length | 48 | 197.417 | 21 | 167.429 | 29.988\*\*\* | 6.318 |
| \*, \*\* or \*\*\* indicates a significance level at 10%, 5% and 1% respectively | | | | | | |

回归结果

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | price-length | foreign |
| price |  | 0.000\*\* |
|  |  | (2.247) |
| mpg | -101.439 | -0.151\* |
|  | (-1.252) | (-1.729) |
| rep78 | 889.671\*\*\* | 0.985\* |
|  | (2.893) | (1.753) |
| headroom | -652.126 | 0.690 |
|  | (-1.533) | (1.027) |
| trunk | 80.294 | -0.055 |
|  | (0.756) | (-0.463) |
| weight | 4.952\*\*\* | -0.005\*\* |
|  | (4.417) | (-2.147) |
| length | -112.413\*\*\* | 0.033 |
|  | (-2.679) | (0.559) |
| \_cons | 12266.393\*\* | 2.003 |
|  | (2.049) | (0.300) |
| N | 69 | 69 |
| Adj.R-Square | 0.411 |  |