

Table 1: Summary statistics for selected variables of mtcars data.

| Statistic | N | Mean | St. Dev. | Min | Pctl(25) | Pctl(75) | Max |
|----------------------------|----|----------|----------|-----|----------|----------|-----|
| Group 1: | | | | | | | |
| Miles/Gallon | 32 | 20.0906 | 6.0269 | 10 | 15.4 | 22.8 | 34 |
| ($\times 0.425$ for km/l) | 32 | 6.1875 | 1.7859 | 4 | 4 | 8 | 8 |
| Cylinders | | | | | | | |
| Group 2: | | | | | | | |
| Horse Power | 32 | 146.6875 | 68.5629 | 52 | 96.5 | 180 | 335 |
| Transmission | 32 | 0.4062 | 0.4990 | 0 | 0 | 1 | 1 |
| Gears | 32 | 3.6875 | 0.7378 | 3 | 3 | 4 | 5 |

Source: The data's source.

Comments:

- Recall $y_i = \beta_0 + \beta_1 x_i + \varepsilon_i$.
- All variables have 32 (dynamically calculated) observations.