

Table 1.0  
MTCARS Subset Test

| Vehicle             | Super Span       |     |       |     |      |                  |      |    |                  |      |      |
|---------------------|------------------|-----|-------|-----|------|------------------|------|----|------------------|------|------|
|                     | Span 1<br>(N=10) |     |       |     |      | Span 2<br>(N=10) |      |    | Span 3<br>(N=10) |      |      |
|                     | mpg              | cyl | disp  | hp  | drat | wt               | qsec | vs | am               | gear | carb |
| Mazda RX4           | 21.0             | 6   | 160   | 110 | 3.9  | 2.62             | 16.5 | 0  | 1                | 4    | 4    |
| Mazda RX4 Wag       | 21.0             | 6   | 160   | 110 | 3.9  | 2.875            | 17.0 | 0  | 1                | 4    | 4    |
| Datsun 710          | 22.8             | 4   | 108   | 93  | 3.85 | 2.32             | 18.6 | 1  | 1                | 4    | 1    |
| Hornet 4 Drive      | 21.4             | 6   | 258   | 110 | 3.08 | 3.215            | 19.4 | 1  | 0                | 3    | 1    |
| Hornet Sportabout   | 18.7             | 8   | 360   | 175 | 3.15 | 3.44             | 17.0 | 0  | 0                | 3    | 2    |
| Valiant             | 18.1             | 6   | 225   | 105 | 2.76 | 3.46             | 20.2 | 1  | 0                | 3    | 1    |
| Duster 360          | 14.3             | 8   | 360   | 245 | 3.21 | 3.57             | 15.8 | 0  | 0                | 3    | 4    |
| Merc 240D           | 24.4             | 4   | 146.7 | 62  | 3.69 | 3.19             | 20.0 | 1  | 0                | 4    | 2    |
| Merc 230            | 22.8             | 4   | 140.8 | 95  | 3.92 | 3.15             | 22.9 | 1  | 0                | 4    | 2    |
| Merc 280            | 19.2             | 6   | 167.6 | 123 | 3.92 | 3.44             | 18.3 | 1  | 0                | 4    | 4    |
| Merc 280C           | 17.8             | 6   | 167.6 | 123 | 3.92 | 3.44             | 18.9 | 1  | 0                | 4    | 4    |
| Merc 450SE          | 16.4             | 8   | 275.8 | 180 | 3.07 | 4.07             | 17.4 | 0  | 0                | 3    | 3    |
| Merc 450SL          | 17.3             | 8   | 275.8 | 180 | 3.07 | 3.73             | 17.6 | 0  | 0                | 3    | 3    |
| Merc 450SLC         | 15.2             | 8   | 275.8 | 180 | 3.07 | 3.78             | 18.0 | 0  | 0                | 3    | 3    |
| Cadillac Fleetwood  | 10.4             | 8   | 472   | 205 | 2.93 | 5.25             | 18.0 | 0  | 0                | 3    | 4    |
| Lincoln Continental | 10.4             | 8   | 460   | 215 | 3    | 5.424            | 17.8 | 0  | 0                | 3    | 4    |
| Chrysler Imperial   | 14.7             | 8   | 440   | 230 | 3.23 | 5.345            | 17.4 | 0  | 0                | 3    | 4    |
| Fiat 128            | 32.4             | 4   | 78.7  | 66  | 4.08 | 2.2              | 19.5 | 1  | 1                | 4    | 1    |
| Honda Civic         | 30.4             | 4   | 75.7  | 52  | 4.93 | 1.615            | 18.5 | 1  | 1                | 4    | 2    |
| Toyota Corolla      | 33.9             | 4   | 71.1  | 65  | 4.22 | 1.835            | 19.9 | 1  | 1                | 4    | 1    |
| Toyota Corona       | 21.5             | 4   | 120.1 | 97  | 3.7  | 2.465            | 20.0 | 1  | 0                | 3    | 1    |
| Dodge Challenger    | 15.5             | 8   | 318   | 150 | 2.76 | 3.52             | 16.9 | 0  | 0                | 3    | 2    |
| AMC Javelin         | 15.2             | 8   | 304   | 150 | 3.15 | 3.435            | 17.3 | 0  | 0                | 3    | 2    |
| Camaro Z28          | 13.3             | 8   | 350   | 245 | 3.73 | 3.84             | 15.4 | 0  | 0                | 3    | 4    |
| Pontiac Firebird    | 19.2             | 8   | 400   | 175 | 3.08 | 3.845            | 17.1 | 0  | 0                | 3    | 2    |
| Fiat X1-9           | 27.3             | 4   | 79    | 66  | 4.08 | 1.935            | 18.9 | 1  | 1                | 4    | 1    |
| Porsche 914-2       | 26.0             | 4   | 120.3 | 91  | 4.43 | 2.14             | 16.7 | 0  | 1                | 5    | 2    |
| Lotus Europa        | 30.4             | 4   | 95.1  | 113 | 3.77 | 1.513            | 16.9 | 1  | 1                | 5    | 2    |
| Ford Pantera L      | 15.8             | 8   | 351   | 264 | 4.22 | 3.17             | 14.5 | 0  | 1                | 5    | 4    |
| Ferrari Dino        | 19.7             | 6   | 145   | 175 | 3.62 | 2.77             | 15.5 | 0  | 1                | 5    | 6    |
| Maserati Bora       | 15.0             | 8   | 301   | 335 | 3.54 | 3.57             | 14.6 | 0  | 1                | 5    | 8    |
| Volvo 142E          | 21.4             | 4   | 121   | 109 | 4.11 | 2.78             | 18.6 | 1  | 1                | 4    | 2    |