SummaryStatsBy Test

Derek Chiu

November 16, 2015

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | cyl=4, gear=3 | cyl=4, gear=4 | cyl=4, gear=5 | cyl=6, gear=3 | cyl=6, gear=4 | cyl=6, gear=5 | cyl=8, gear=3 | cyl=8, gear=5 |
| **mpg** |  |  |  |  |  |  |  |  |
| mean | 21.5 ± NA | 26.925 ± 4.807 | 28.2 ± 3.111 | 19.75 ± 2.333 | 19.75 ± 1.552 | 19.7 ± NA | 15.05 ± 2.774 | 15.4 ± 0.566 |
| median | 21.50 | 25.85 | 28.20 | 19.75 | 20.10 | 19.70 | 15.20 | 15.40 |
| IQR | 0.000 | 8.100 | 2.200 | 1.650 | 2.150 | 0.000 | 2.575 | 0.400 |
| range | 21.5-21.5 | 21.4-33.9 | 26-30.4 | 18.1-21.4 | 17.8-21 | 19.7-19.7 | 10.4-19.2 | 15-15.8 |
| missing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **qsec** |  |  |  |  |  |  |  |  |
| mean | 20.01 ± NA | 19.613 ± 1.454 | 16.8 ± 0.141 | 19.83 ± 0.552 | 17.67 ± 1.125 | 15.5 ± NA | 17.143 ± 0.802 | 14.55 ± 0.071 |
| median | 20.010 | 19.185 | 16.800 | 19.830 | 17.660 | 15.500 | 17.350 | 14.550 |
| IQR | 0.000 | 1.317 | 0.100 | 0.390 | 1.570 | 0.000 | 0.672 | 0.050 |
| range | 20.01-20.01 | 18.52-22.9 | 16.7-16.9 | 19.44-20.22 | 16.46-18.9 | 15.5-15.5 | 15.41-18 | 14.5-14.6 |
| missing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

White Space

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | cyl=4, gear=3 | cyl=4, gear=4 | cyl=4, gear=5 | cyl=6, gear=3 | cyl=6, gear=4 | cyl=6, gear=5 | cyl=8, gear=3 | cyl=8, gear=5 |
| **mpg** |  |  |  |  |  |  |  |  |
| mean | 21.500 ± NA | 26.925 ± 4.807 | 28.200 ± 3.111 | 19.750 ± 2.333 | 19.750 ± 1.552 | 19.700 ± NA | 15.050 ± 2.774 | 15.400 ± 0.566 |
| median | 21.50 | 25.85 | 28.20 | 19.75 | 20.10 | 19.70 | 15.20 | 15.40 |
| IQR | 0.000 | 8.100 | 2.200 | 1.650 | 2.150 | 0.000 | 2.575 | 0.400 |
| range | 21.5-21.5 | 21.4-33.9 | 26.0-30.4 | 18.1-21.4 | 17.8-21.0 | 19.7-19.7 | 10.4-19.2 | 15.0-15.8 |
| missing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

White Space

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | cyl=4, gear=3 | cyl=4, gear=4 | cyl=4, gear=5 | cyl=6, gear=3 | cyl=6, gear=4 | cyl=6, gear=5 | cyl=8, gear=3 | cyl=8, gear=5 |
| **mpg** |  |  |  |  |  |  |  |  |
| mean | 21.5 ± NA | 26.925 ± 4.807 | 28.2 ± 3.111 | 19.75 ± 2.333 | 19.75 ± 1.552 | 19.7 ± NA | 15.05 ± 2.774 | 15.4 ± 0.566 |
| median | 21.50 | 25.85 | 28.20 | 19.75 | 20.10 | 19.70 | 15.20 | 15.40 |
| IQR | 0.000 | 8.100 | 2.200 | 1.650 | 2.150 | 0.000 | 2.575 | 0.400 |
| range | 21.5-21.5 | 21.4-33.9 | 26-30.4 | 18.1-21.4 | 17.8-21 | 19.7-19.7 | 10.4-19.2 | 15-15.8 |
| missing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **vs** |  |  |  |  |  |  |  |  |
| 0 | 0 (0%, 0%) | 0 (0%, 0%) | 1 (3.12%, 50%) | 0 (0%, 0%) | 2 (6.25%, 50%) | 1 (3.12%, 100%) | 12 (37.5%, 100%) | 2 (6.25%, 100%) |
| 1 | 1 (3.12%, 100%) | 8 (25%, 100%) | 1 (3.12%, 50%) | 2 (6.25%, 100%) | 2 (6.25%, 50%) | 0 (0%, 0%) | 0 (0%, 0%) | 0 (0%, 0%) |
| **qsec** |  |  |  |  |  |  |  |  |
| mean | 20.01 ± NA | 19.613 ± 1.454 | 16.8 ± 0.141 | 19.83 ± 0.552 | 17.67 ± 1.125 | 15.5 ± NA | 17.143 ± 0.802 | 14.55 ± 0.071 |
| median | 20.010 | 19.185 | 16.800 | 19.830 | 17.660 | 15.500 | 17.350 | 14.550 |
| IQR | 0.000 | 1.317 | 0.100 | 0.390 | 1.570 | 0.000 | 0.672 | 0.050 |
| range | 20.01-20.01 | 18.52-22.9 | 16.7-16.9 | 19.44-20.22 | 16.46-18.9 | 15.5-15.5 | 15.41-18 | 14.5-14.6 |
| missing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **am** |  |  |  |  |  |  |  |  |
| 0 | 1 (3.12%, 100%) | 2 (6.25%, 25%) | 0 (0%, 0%) | 2 (6.25%, 100%) | 2 (6.25%, 50%) | 0 (0%, 0%) | 12 (37.5%, 100%) | 0 (0%, 0%) |
| 1 | 0 (0%, 0%) | 6 (18.75%, 75%) | 2 (6.25%, 100%) | 0 (0%, 0%) | 2 (6.25%, 50%) | 1 (3.12%, 100%) | 0 (0%, 0%) | 2 (6.25%, 100%) |

White Space

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | cyl=4, gear=3 | cyl=4, gear=4 | cyl=4, gear=5 | cyl=6, gear=3 | cyl=6, gear=4 | cyl=6, gear=5 | cyl=8, gear=3 | cyl=8, gear=5 |
| **vs** |  |  |  |  |  |  |  |  |
| 0 | 0 (0%, 0%) | 0 (0%, 0%) | 1 (3.12%, 50%) | 0 (0%, 0%) | 2 (6.25%, 50%) | 1 (3.12%, 100%) | 12 (37.5%, 100%) | 2 (6.25%, 100%) |
| 1 | 1 (3.12%, 100%) | 8 (25%, 100%) | 1 (3.12%, 50%) | 2 (6.25%, 100%) | 2 (6.25%, 50%) | 0 (0%, 0%) | 0 (0%, 0%) | 0 (0%, 0%) |
| **qsec** |  |  |  |  |  |  |  |  |
| mean | 20.010 ± NA | 19.613 ± 1.454 | 16.800 ± 0.141 | 19.830 ± 0.552 | 17.670 ± 1.125 | 15.500 ± NA | 17.143 ± 0.802 | 14.550 ± 0.071 |
| median | 20.010 | 19.185 | 16.800 | 19.830 | 17.660 | 15.500 | 17.350 | 14.550 |
| IQR | 0.000 | 1.317 | 0.100 | 0.390 | 1.570 | 0.000 | 0.672 | 0.050 |
| range | 20.01-20.01 | 18.52-22.90 | 16.70-16.90 | 19.44-20.22 | 16.46-18.90 | 15.50-15.50 | 15.41-18.00 | 14.50-14.60 |
| missing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |