

The MEANS Procedure

| Variable | Label | Mean | Median | Mode | Std Dev | Variance | Minimum | Maximum |
|-----------|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| nAtBat | Times at Bat in 1986 | 390.0745342 | 390.5000000 | 209.0000000 | 143.5958352 | 20619.76 | 127.0000000 | 687.0000000 |
| nHits | Hits in 1986 | 103.3975155 | 98.5000000 | 53.0000000 | 44.1795091 | 1951.83 | 31.0000000 | 238.0000000 |
| nHome | Home Runs in 1986 | 11.1024845 | 8.5000000 | 4.0000000 | 8.6987696 | 75.6685919 | 0 | 40.0000000 |
| nRuns | Runs in 1986 | 52.2173913 | 48.0000000 | 42.0000000 | 25.0573661 | 627.8715969 | 12.0000000 | 130.0000000 |
| nRBI | RBIs in 1986 | 49.3726708 | 45.0000000 | 29.0000000 | 25.5011624 | 650.3092819 | 8.0000000 | 121.0000000 |
| nBB | Walks in 1986 | 39.8571429 | 35.5000000 | 22.0000000 | 21.0959408 | 445.0387183 | 3.0000000 | 105.0000000 |
| YrMajor | Years in the Major Leagues | 7.6801242 | 6.0000000 | 4.0000000 | 4.9697066 | 24.6979838 | 1.0000000 | 24.0000000 |
| CrAtBat | Career Times at Bat | 2763.08 | 2065.00 | 216.0000000 | 2328.48 | 5421815.23 | 166.0000000 | 14053.00 |
| CrHits | Career Hits | 747.6863354 | 552.0000000 | 160.0000000 | 654.7876194 | 428746.83 | 34.0000000 | 4256.00 |
| CrHome | Career Home Runs | 74.0900621 | 40.0000000 | 16.0000000 | 90.0651268 | 8111.73 | 0 | 548.0000000 |
| CrRuns | Career Runs | 374.2857143 | 266.0000000 | 20.0000000 | 336.4250377 | 113181.81 | 18.0000000 | 2165.00 |
| CrRbi | Career RBIs | 347.6149068 | 250.0000000 | 32.0000000 | 338.7903452 | 114778.90 | 9.0000000 | 1659.00 |
| CrBB | Career Walks | 273.3944099 | 178.5000000 | 55.0000000 | 273.6253716 | 74870.84 | 8.0000000 | 1566.00 |
| nOuts | Put Outs in 1986 | 288.9937888 | 212.0000000 | 0 | 280.6566732 | 78768.17 | 0 | 1378.00 |
| nAssts | Assists in 1986 | 106.9161491 | 39.5000000 | 0 | 136.8524541 | 18728.59 | 0 | 492.0000000 |
| nError | Errors in 1986 | 8.0403727 | 6.0000000 | 3.0000000 | 6.3683591 | 40.5559974 | 0 | 32.0000000 |
| Salary | 1987 Salary in \$ Thousands | 535.9258821 | 425.0000000 | 750.0000000 | 451.1186807 | 203508.06 | 67.5000000 | 2460.00 |
| logSalary | Log Salary | 5.9272215 | 6.0520892 | 6.6200732 | 0.8891924 | 0.7906631 | 4.2121276 | 7.8079166 |

The MEANS Procedure

| Variable | Label | N Miss |
|-----------|-----------------------------|--------|
| nAtBat | Times at Bat in 1986 | 0 |
| nHits | Hits in 1986 | 0 |
| nHome | Home Runs in 1986 | 0 |
| nRuns | Runs in 1986 | 0 |
| nRBI | RBIs in 1986 | 0 |
| nBB | Walks in 1986 | 0 |
| YrMajor | Years in the Major Leagues | 0 |
| CrAtBat | Career Times at Bat | 0 |
| CrHits | Career Hits | 0 |
| CrHome | Career Home Runs | 0 |
| CrRuns | Career Runs | 0 |
| CrRbi | Career RBIs | 0 |
| CrBB | Career Walks | 0 |
| nOuts | Put Outs in 1986 | 0 |
| nAssts | Assists in 1986 | 0 |
| nError | Errors in 1986 | 0 |
| Salary | 1987 Salary in \$ Thousands | 59 |
| logSalary | Log Salary | 59 |

| Div | Team | CrHits |
|-----|------|--------|
| 4 | 24 | 287 |

The FREQ Procedure

| Team at the End of 1986 | | | | |
|-------------------------|-----------|---------|----------------------|--------------------|
| Team | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Atlanta | 11 | 3.42 | 11 | 3.42 |
| Baltimore | 15 | 4.66 | 26 | 8.07 |
| Boston | 10 | 3.11 | 36 | 11.18 |
| California | 13 | 4.04 | 49 | 15.22 |
| Chicago | 24 | 7.45 | 73 | 22.67 |
| Cincinnati | 12 | 3.73 | 85 | 26.40 |
| Cleveland | 12 | 3.73 | 97 | 30.12 |
| Detroit | 12 | 3.73 | 109 | 33.85 |
| Houston | 11 | 3.42 | 120 | 37.27 |
| Kansas City | 14 | 4.35 | 134 | 41.61 |
| Los Angeles | 14 | 4.35 | 148 | 45.96 |
| Milwaukee | 14 | 4.35 | 162 | 50.31 |
| Minneapolis | 13 | 4.04 | 175 | 54.35 |
| Montreal | 14 | 4.35 | 189 | 58.70 |
| New York | 24 | 7.45 | 213 | 66.15 |
| Oakland | 12 | 3.73 | 225 | 69.88 |
| Philadelphia | 12 | 3.73 | 237 | 73.60 |

| Team at the End of 1986 | | | | |
|-------------------------|-----------|---------|----------------------|--------------------|
| Team | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Pittsburgh | 11 | 3.42 | 248 | 77.02 |
| San Diego | 13 | 4.04 | 261 | 81.06 |
| San Francisco | 14 | 4.35 | 275 | 85.40 |
| Seattle | 12 | 3.73 | 287 | 89.13 |
| St Louis | 11 | 3.42 | 298 | 92.55 |
| Texas | 13 | 4.04 | 311 | 96.58 |
| Toronto | 11 | 3.42 | 322 | 100.00 |

| Obs | nAtBat | nHits | nHome | nRuns | nRBI | nBB | YrMajor | CrAtBat | CrHits | CrHome | CrRuns | CrRbi | CrBB | nOuts | nAssts | nError | Salary | logSalary |
|-----|--------|-------|-------|-------|------|-----|---------|---------|--------|--------|--------|-------|------|-------|--------|--------|--------|-----------|
| 1 | 293 | 66 | 1 | 30 | 29 | 14 | 1 | 293 | 66 | 1 | 30 | 29 | 14 | 446 | 33 | 20 | . | . |
| 2 | 315 | 81 | 7 | 24 | 38 | 39 | 14 | 3449 | 835 | 69 | 321 | 414 | 375 | 632 | 43 | 10 | 475.0 | 6.16331 |
| 3 | 479 | 130 | 18 | 66 | 72 | 76 | 3 | 1624 | 457 | 63 | 224 | 266 | 263 | 880 | 82 | 14 | 480.0 | 6.17379 |
| 4 | 496 | 141 | 20 | 65 | 78 | 37 | 11 | 5628 | 1575 | 225 | 828 | 838 | 354 | 200 | 11 | 3 | 500.0 | 6.21461 |
| 5 | 321 | 87 | 10 | 39 | 42 | 30 | 2 | 396 | 101 | 12 | 48 | 46 | 33 | 805 | 40 | 4 | 91.5 | 4.51634 |

The MEANS Procedure

| Variable | Label | N Miss |
|-----------|-----------------------------|--------|
| nAtBat | Times at Bat in 1986 | 0 |
| nHits | Hits in 1986 | 0 |
| nHome | Home Runs in 1986 | 0 |
| nRuns | Runs in 1986 | 0 |
| nRBI | RBIs in 1986 | 0 |
| nBB | Walks in 1986 | 0 |
| YrMajor | Years in the Major Leagues | 0 |
| CrAtBat | Career Times at Bat | 0 |
| CrHits | Career Hits | 0 |
| CrHome | Career Home Runs | 0 |
| CrRuns | Career Runs | 0 |
| CrRbi | Career RBIs | 0 |
| CrBB | Career Walks | 0 |
| nOuts | Put Outs in 1986 | 0 |
| nAssts | Assists in 1986 | 0 |
| nError | Errors in 1986 | 0 |
| Salary | 1987 Salary in \$ Thousands | 59 |
| logSalary | Log Salary | 59 |

