## The UNIVARIATE Procedure
## Variable: pct_over

| Moments | | | |
|---|---|---|---|
| **N** | 848 | **Sum Weights** | 848 |
| **Mean** | 12.3811321 | **Sum Observations** | 10499.2 |
| **Std Deviation** | 7.35148092 | **Variance** | 54.0442717 |
| **Skewness** | 2.4553263 | **Kurtosis** | 9.8982142 |
| **Uncorrected SS** | 175767.48 | **Corrected SS** | 45775.4981 |
| **Coeff Variation** | 59.3764841 | **Std Error Mean** | 0.25245089 |

| Basic Statistical Measures | | | |
|---|---|---|---|
| **Location** | | **Variability** | |
| **Mean** | 12.38113 | **Std Deviation** | 7.35148 |
| **Median** | 11.00000 | **Variance** | 54.04427 |
| **Mode** | 9.60000 | **Range** | 61.20000 |
| | | **Interquartile Range** | 6.90000 |

| Tests for Location: Mu0=0 | | | | |
|---|---|---|---|---|
| **Test** | **Statistic** | | **p Value** | |
| **Student's t** | **t** | 49.04372 | **Pr > \|t\|** | <.0001 |
| **Sign** | **M** | 424 | **Pr >= \|M\|** | <.0001 |
| **Signed Rank** | **S** | 179988 | **Pr >= \|S\|** | <.0001 |

| Tests for Normality | | | | |
|---|---|---|---|---|
| **Test** | **Statistic** | | **p Value** | |
| **Shapiro-Wilk** | **W** | 0.808127 | **Pr < W** | <0.0001 |
| **Kolmogorov-Smirnov** | **D** | 0.137954 | **Pr > D** | <0.0100 |
| **Cramer-von Mises** | **W-Sq** | 5.433312 | **Pr > W-Sq** | <0.0050 |
| **Anderson-Darling** | **A-Sq** | 32.76035 | **Pr > A-Sq** | <0.0050 |

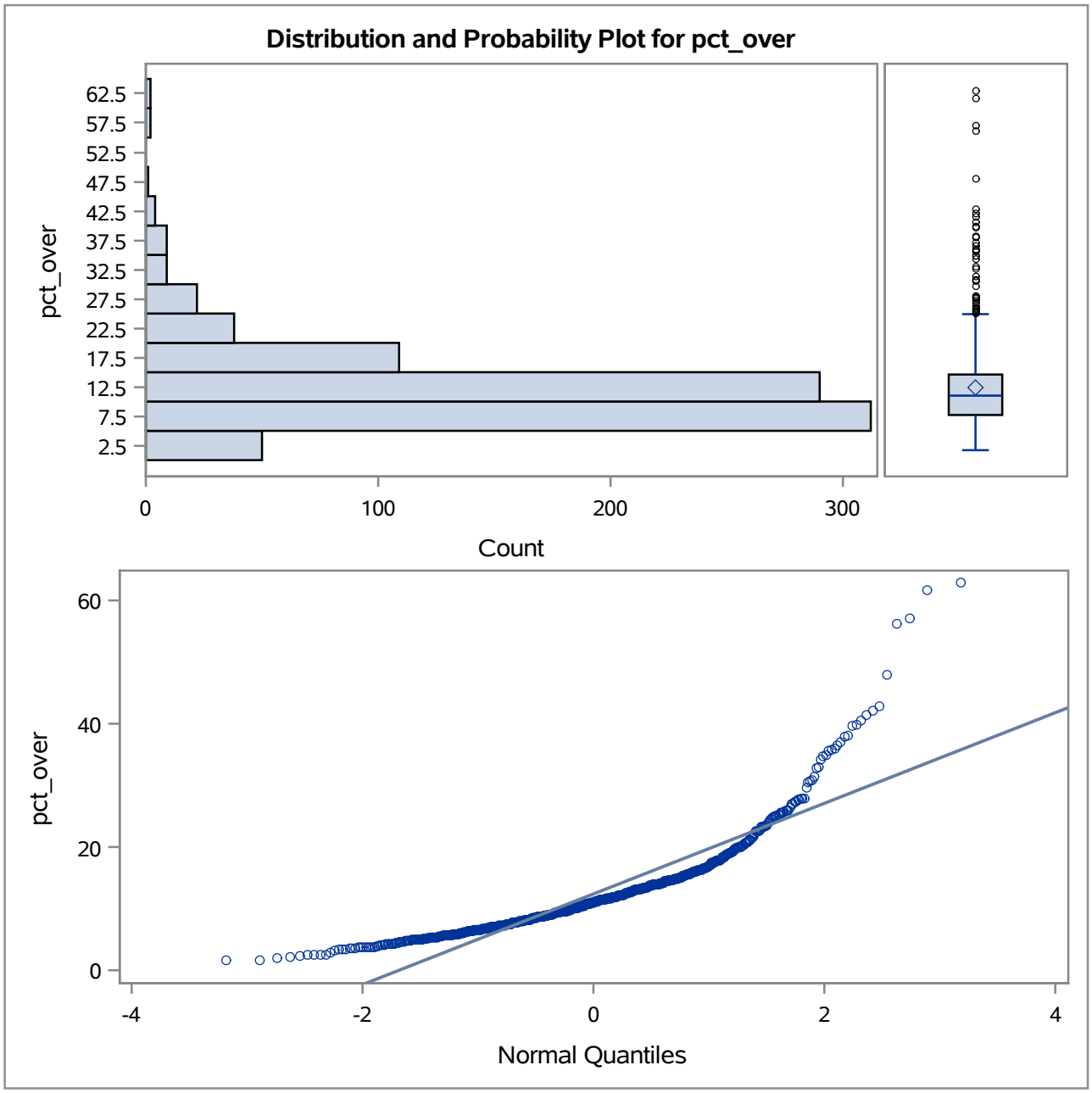
| Quantiles (Definition 5) | |
|---|---|
| **Level** | **Quantile** |
| **100% Max** | 62.9 |
| **99%** | 40.6 |
| **95%** | 25.5 |
| **90%** | 20.1 |
| **75% Q3** | 14.6 |
| **50% Median** | 11.0 |
| **25% Q1** | 7.7 |

## The UNIVARIATE Procedure
## Variable: pct_over

| Quantiles (Definition 5) | |
|---|---|
| **Level** | **Quantile** |
| **10%** | 5.6 |
| **5%** | 4.7 |
| **1%** | 2.5 |
| **0% Min** | 1.7 |

| Extreme Observations | | | |
|---|---|---|---|
| **Lowest** | | **Highest** | |
| **Value** | **Obs** | **Value** | **Obs** |
| 1.7 | 820 | 47.9 | 634 |
| 1.7 | 639 | 56.2 | 320 |
| 2.0 | 366 | 57.0 | 736 |
| 2.2 | 276 | 61.6 | 595 |
| 2.3 | 549 | 62.9 | 772 |

## The UNIVARIATE Procedure



## The UNIVARIATE Procedure
## Variable: population

| Moments | | | |
|---|---|---|---|
| N | 848 | Sum Weights | 848 |
| Mean | 31644.3325 | Sum Observations | 26834394 |
| Std Deviation | 136040.913 | Variance | 1.85071E10 |
| Skewness | 20.4271681 | Kurtosis | 497.807924 |
| Uncorrected SS | 1.65247E13 | Corrected SS | 1.56755E13 |
| Coeff Variation | 429.906092 | Std Error Mean | 4671.66414 |

| Basic Statistical Measures | | | |
|---|---|---|---|
| Location | | Variability | |
| Mean | 31644.33 | Std Deviation | 136041 |
| Median | 8346.50 | Variance | 1.85071E10 |
| Mode | 1144.00 | Range | 3484388 |
| | | Interquartile Range | 26201 |

**Note: The mode displayed is the smallest of 20 modes with a count of 2.**

| Tests for Location: Mu0=0 | | | | |
|---|---|---|---|---|
| Test | Statistic | | p Value | |
| Student's t | t | 6.773675 | Pr > \|t\| | <.0001 |
| Sign | M | 424 | Pr >= \|M\| | <.0001 |
| Signed Rank | S | 179988 | Pr >= \|S\| | <.0001 |

| Tests for Normality | | | | |
|---|---|---|---|---|
| Test | Statistic | | p Value | |
| Shapiro-Wilk | W | 0.145832 | Pr < W | <0.0001 |
| Kolmogorov-Smirnov | D | 0.410918 | Pr > D | <0.0100 |
| Cramer-von Mises | W-Sq | 42.05193 | Pr > W-Sq | <0.0050 |
| Anderson-Darling | A-Sq | 206.7525 | Pr > A-Sq | <0.0050 |

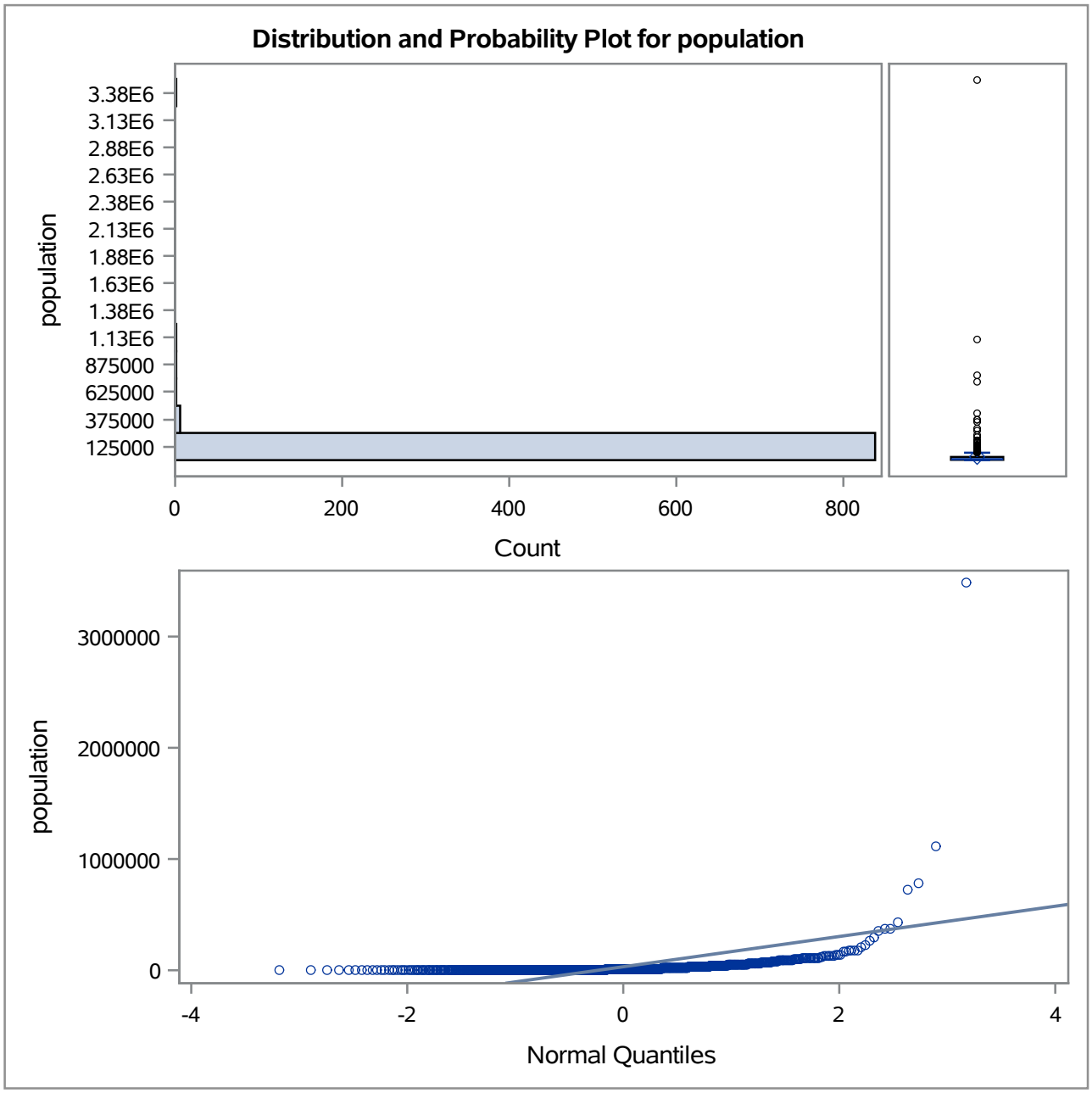
| Quantiles (Definition 5) | |
|---|---|
| Level | Quantile |
| 100% Max | 3485398.0 |
| 99% | 293742.0 |
| 95% | 104352.0 |
| 90% | 66462.0 |
| 75% Q3 | 29422.0 |
| 50% Median | 8346.5 |

## The UNIVARIATE Procedure
## Variable: population

| Quantiles (Definition 5) | |
|---|---|
| **Level** | **Quantile** |
| **25% Q1** | 3221.0 |
| **10%** | 1661.0 |
| **5%** | 1318.0 |
| **1%** | 1109.0 |
| **0% Min** | 1010.0 |

| Extreme Observations | | | |
|---|---|---|---|
| **Lowest** | | **Highest** | |
| **Value** | **Obs** | **Value** | **Obs** |
| 1010 | 848 | 429433 | 5 |
| 1050 | 847 | 723959 | 4 |
| 1057 | 846 | 782248 | 3 |
| 1058 | 845 | 1110549 | 2 |
| 1059 | 844 | 3485398 | 1 |

## The UNIVARIATE Procedure



## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| | |
|---|---|
| **Number of Observations Read** | 848 |
| **Number of Observations Used** | 848 |

| Analysis of Variance | | | | | |
|---|---|---|---|---|---|
| **Source** | **DF** | **Sum of Squares** | **Mean Square** | **F Value** | **Pr > F** |
| **Model** | 1 | 168.09475 | 168.09475 | 3.12 | 0.0778 |
| **Error** | 846 | 45607 | 53.90946 | | |
| **Corrected Total** | 847 | 45775 | | | |

| | | | |
|---|---|---|---|
| **Root MSE** | 7.34231 | **R-Square** | 0.0037 |
| **Dependent Mean** | 12.38113 | **Adj R-Sq** | 0.0025 |
| **Coeff Var** | 59.30238 | | |

| Parameter Estimates | | | | | |
|---|---|---|---|---|---|
| **Variable** | **DF** | **Parameter Estimate** | **Standard Error** | **t Value** | **Pr > \|t\|** |
| **Intercept** | 1 | 12.48476 | 0.25887 | 48.23 | <.0001 |
| **population** | 1 | -0.00000327 | 0.00000185 | -1.77 | 0.0778 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 1 | 10.0 | 1.0713 | 6.4099 | 8.9287 | 3.581 | 2.493 | 9.960 |
| 2 | 10.2 | 8.8481 | 2.0166 | 1.3519 | 7.060 | 0.191 | 0.001 |
| 3 | 7.2 | 9.9232 | 1.4146 | -2.7232 | 7.205 | -0.378 | 0.003 |
| 4 | 14.6 | 10.1140 | 1.3084 | 4.4860 | 7.225 | 0.621 | 0.006 |
| 5 | 10.8 | 11.0785 | 0.7796 | -0.2785 | 7.301 | -0.038 | 0.000 |
| 6 | 12.0 | 11.2658 | 0.6801 | 0.7342 | 7.311 | 0.100 | 0.000 |
| 7 | 12.1 | 11.2752 | 0.6751 | 0.8248 | 7.311 | 0.113 | 0.000 |
| 8 | 10.1 | 11.3249 | 0.6491 | -1.2249 | 7.314 | -0.167 | 0.000 |
| 9 | 5.6 | 11.5229 | 0.5476 | -5.9229 | 7.322 | -0.809 | 0.002 |
| 10 | 8.4 | 11.6124 | 0.5031 | -3.2124 | 7.325 | -0.439 | 0.000 |
| 11 | 8.9 | 11.7430 | 0.4406 | -2.8430 | 7.329 | -0.388 | 0.000 |
| 12 | 10.5 | 11.7940 | 0.4173 | -1.2940 | 7.330 | -0.177 | 0.000 |
| 13 | 8.3 | 11.8903 | 0.3753 | -3.5903 | 7.333 | -0.490 | 0.000 |
| 14 | 13.3 | 11.8952 | 0.3732 | 1.4048 | 7.333 | 0.192 | 0.000 |
| 15 | 9.2 | 11.9123 | 0.3662 | -2.7123 | 7.333 | -0.370 | 0.000 |
| 16 | 6.7 | 11.9171 | 0.3642 | -5.2171 | 7.333 | -0.711 | 0.001 |
| 17 | 10.5 | 11.9453 | 0.3528 | -1.4453 | 7.334 | -0.197 | 0.000 |
| 18 | 10.0 | 11.9472 | 0.3521 | -1.9472 | 7.334 | -0.266 | 0.000 |
| 19 | 8.7 | 12.0163 | 0.3260 | -3.3163 | 7.335 | -0.452 | 0.000 |
| 20 | 7.7 | 12.0190 | 0.3250 | -4.3190 | 7.335 | -0.589 | 0.000 |
| 21 | 11.7 | 12.0421 | 0.3169 | -0.3421 | 7.335 | -0.047 | 0.000 |
| 22 | 6.4 | 12.0486 | 0.3147 | -5.6486 | 7.336 | -0.770 | 0.001 |
| 23 | 11.9 | 12.0489 | 0.3146 | -0.1489 | 7.336 | -0.020 | 0.000 |
| 24 | 7.0 | 12.0534 | 0.3131 | -5.0534 | 7.336 | -0.689 | 0.000 |
| 25 | 13.2 | 12.0538 | 0.3129 | 1.1462 | 7.336 | 0.156 | 0.000 |
| 26 | 14.0 | 12.0643 | 0.3095 | 1.9357 | 7.336 | 0.264 | 0.000 |
| 27 | 7.6 | 12.0709 | 0.3073 | -4.4709 | 7.336 | -0.609 | 0.000 |
| 28 | 4.0 | 12.0958 | 0.2995 | -8.0958 | 7.336 | -1.104 | 0.001 |
| 29 | 10.4 | 12.1009 | 0.2979 | -1.7009 | 7.336 | -0.232 | 0.000 |
| 30 | 10.2 | 12.1110 | 0.2949 | -1.9110 | 7.336 | -0.260 | 0.000 |
| 31 | 16.3 | 12.1137 | 0.2941 | 4.1863 | 7.336 | 0.571 | 0.000 |
| 32 | 10.7 | 12.1196 | 0.2924 | -1.4196 | 7.336 | -0.194 | 0.000 |
| 33 | 9.5 | 12.1201 | 0.2923 | -2.6201 | 7.336 | -0.357 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 34 | 8.7 | 12.1224 | 0.2916 | -3.4224 | 7.337 | -0.466 | 0.000 |
| 35 | 6.3 | 12.1224 | 0.2916 | -5.8224 | 7.337 | -0.794 | 0.000 |
| 36 | 5.8 | 12.1235 | 0.2913 | -6.3235 | 7.337 | -0.862 | 0.001 |
| 37 | 6.8 | 12.1258 | 0.2906 | -5.3258 | 7.337 | -0.726 | 0.000 |
| 38 | 10.9 | 12.1272 | 0.2903 | -1.2272 | 7.337 | -0.167 | 0.000 |
| 39 | 8.3 | 12.1285 | 0.2899 | -3.8285 | 7.337 | -0.522 | 0.000 |
| 40 | 13.0 | 12.1290 | 0.2898 | 0.8710 | 7.337 | 0.119 | 0.000 |
| 41 | 9.6 | 12.1329 | 0.2887 | -2.5329 | 7.337 | -0.345 | 0.000 |
| 42 | 6.4 | 12.1370 | 0.2876 | -5.7370 | 7.337 | -0.782 | 0.000 |
| 43 | 9.0 | 12.1430 | 0.2859 | -3.1430 | 7.337 | -0.428 | 0.000 |
| 44 | 11.0 | 12.1484 | 0.2845 | -1.1484 | 7.337 | -0.157 | 0.000 |
| 45 | 5.1 | 12.1527 | 0.2834 | -7.0527 | 7.337 | -0.961 | 0.001 |
| 46 | 5.3 | 12.1566 | 0.2824 | -6.8566 | 7.337 | -0.935 | 0.001 |
| 47 | 7.9 | 12.1662 | 0.2800 | -4.2662 | 7.337 | -0.581 | 0.000 |
| 48 | 8.2 | 12.1692 | 0.2792 | -3.9692 | 7.337 | -0.541 | 0.000 |
| 49 | 8.7 | 12.1701 | 0.2790 | -3.4701 | 7.337 | -0.473 | 0.000 |
| 50 | 8.6 | 12.1760 | 0.2776 | -3.5760 | 7.337 | -0.487 | 0.000 |
| 51 | 14.5 | 12.1781 | 0.2771 | 2.3219 | 7.337 | 0.316 | 0.000 |
| 52 | 10.0 | 12.1782 | 0.2771 | -2.1782 | 7.337 | -0.297 | 0.000 |
| 53 | 12.5 | 12.1816 | 0.2763 | 0.3184 | 7.337 | 0.043 | 0.000 |
| 54 | 10.5 | 12.1825 | 0.2761 | -1.6825 | 7.337 | -0.229 | 0.000 |
| 55 | 16.0 | 12.1834 | 0.2759 | 3.8166 | 7.337 | 0.520 | 0.000 |
| 56 | 13.4 | 12.1853 | 0.2754 | 1.2147 | 7.337 | 0.166 | 0.000 |
| 57 | 5.7 | 12.1886 | 0.2747 | -6.4886 | 7.337 | -0.884 | 0.001 |
| 58 | 10.9 | 12.1943 | 0.2734 | -1.2943 | 7.337 | -0.176 | 0.000 |
| 59 | 5.5 | 12.1981 | 0.2726 | -6.6981 | 7.337 | -0.913 | 0.001 |
| 60 | 11.3 | 12.1985 | 0.2725 | -0.8985 | 7.337 | -0.122 | 0.000 |
| 61 | 16.5 | 12.2002 | 0.2722 | 4.2998 | 7.337 | 0.586 | 0.000 |
| 62 | 7.3 | 12.2022 | 0.2717 | -4.9022 | 7.337 | -0.668 | 0.000 |
| 63 | 16.2 | 12.2045 | 0.2712 | 3.9955 | 7.337 | 0.545 | 0.000 |
| 64 | 16.3 | 12.2048 | 0.2712 | 4.0952 | 7.337 | 0.558 | 0.000 |
| 65 | 8.0 | 12.2097 | 0.2702 | -4.2097 | 7.337 | -0.574 | 0.000 |
| 66 | 13.0 | 12.2159 | 0.2689 | 0.7841 | 7.337 | 0.107 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 67 | 9.4 | 12.2289 | 0.2665 | -2.8289 | 7.337 | -0.386 | 0.000 |
| 68 | 13.9 | 12.2304 | 0.2662 | 1.6696 | 7.337 | 0.228 | 0.000 |
| 69 | 6.4 | 12.2319 | 0.2659 | -5.8319 | 7.337 | -0.795 | 0.000 |
| 70 | 11.8 | 12.2344 | 0.2655 | -0.4344 | 7.338 | -0.059 | 0.000 |
| 71 | 5.8 | 12.2356 | 0.2653 | -6.4356 | 7.338 | -0.877 | 0.001 |
| 72 | 11.1 | 12.2371 | 0.2650 | -1.1371 | 7.338 | -0.155 | 0.000 |
| 73 | 12.1 | 12.2439 | 0.2638 | -0.1439 | 7.338 | -0.020 | 0.000 |
| 74 | 7.9 | 12.2463 | 0.2634 | -4.3463 | 7.338 | -0.592 | 0.000 |
| 75 | 6.6 | 12.2477 | 0.2632 | -5.6477 | 7.338 | -0.770 | 0.000 |
| 76 | 12.2 | 12.2494 | 0.2629 | -0.0494 | 7.338 | -0.007 | 0.000 |
| 77 | 6.8 | 12.2507 | 0.2627 | -5.4507 | 7.338 | -0.743 | 0.000 |
| 78 | 7.3 | 12.2511 | 0.2627 | -4.9511 | 7.338 | -0.675 | 0.000 |
| 79 | 5.6 | 12.2577 | 0.2616 | -6.6577 | 7.338 | -0.907 | 0.001 |
| 80 | 4.8 | 12.2593 | 0.2614 | -7.4593 | 7.338 | -1.017 | 0.001 |
| 81 | 8.0 | 12.2595 | 0.2614 | -4.2595 | 7.338 | -0.581 | 0.000 |
| 82 | 19.3 | 12.2613 | 0.2611 | 7.0387 | 7.338 | 0.959 | 0.001 |
| 83 | 9.8 | 12.2638 | 0.2607 | -2.4638 | 7.338 | -0.336 | 0.000 |
| 84 | 15.5 | 12.2665 | 0.2604 | 3.2335 | 7.338 | 0.441 | 0.000 |
| 85 | 14.5 | 12.2671 | 0.2603 | 2.2329 | 7.338 | 0.304 | 0.000 |
| 86 | 11.5 | 12.2684 | 0.2601 | -0.7684 | 7.338 | -0.105 | 0.000 |
| 87 | 9.2 | 12.2772 | 0.2589 | -3.0772 | 7.338 | -0.419 | 0.000 |
| 88 | 13.1 | 12.2780 | 0.2588 | 0.8220 | 7.338 | 0.112 | 0.000 |
| 89 | 6.9 | 12.2795 | 0.2586 | -5.3795 | 7.338 | -0.733 | 0.000 |
| 90 | 7.6 | 12.2811 | 0.2584 | -4.6811 | 7.338 | -0.638 | 0.000 |
| 91 | 5.1 | 12.2819 | 0.2583 | -7.1819 | 7.338 | -0.979 | 0.001 |
| 92 | 14.9 | 12.2822 | 0.2583 | 2.6178 | 7.338 | 0.357 | 0.000 |
| 93 | 10.8 | 12.2823 | 0.2583 | -1.4823 | 7.338 | -0.202 | 0.000 |
| 94 | 12.0 | 12.2841 | 0.2581 | -0.2841 | 7.338 | -0.039 | 0.000 |
| 95 | 13.8 | 12.2859 | 0.2578 | 1.5141 | 7.338 | 0.206 | 0.000 |
| 96 | 22.8 | 12.2864 | 0.2578 | 10.5136 | 7.338 | 1.433 | 0.001 |
| 97 | 11.9 | 12.2870 | 0.2577 | -0.3870 | 7.338 | -0.053 | 0.000 |
| 98 | 7.2 | 12.2877 | 0.2576 | -5.0877 | 7.338 | -0.693 | 0.000 |
| 99 | 5.0 | 12.2893 | 0.2574 | -7.2893 | 7.338 | -0.993 | 0.001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 100 | 11.9 | 12.2897 | 0.2574 | -0.3897 | 7.338 | -0.053 | 0.000 |
| 101 | 9.6 | 12.2910 | 0.2573 | -2.6910 | 7.338 | -0.367 | 0.000 |
| 102 | 5.5 | 12.2976 | 0.2565 | -6.7976 | 7.338 | -0.926 | 0.001 |
| 103 | 7.1 | 12.2989 | 0.2564 | -5.1989 | 7.338 | -0.709 | 0.000 |
| 104 | 9.0 | 12.3007 | 0.2562 | -3.3007 | 7.338 | -0.450 | 0.000 |
| 105 | 5.6 | 12.3012 | 0.2562 | -6.7012 | 7.338 | -0.913 | 0.001 |
| 106 | 15.5 | 12.3017 | 0.2561 | 3.1983 | 7.338 | 0.436 | 0.000 |
| 107 | 9.1 | 12.3034 | 0.2560 | -3.2034 | 7.338 | -0.437 | 0.000 |
| 108 | 8.4 | 12.3036 | 0.2559 | -3.9036 | 7.338 | -0.532 | 0.000 |
| 109 | 11.4 | 12.3069 | 0.2556 | -0.9069 | 7.338 | -0.124 | 0.000 |
| 110 | 9.4 | 12.3071 | 0.2556 | -2.9071 | 7.338 | -0.396 | 0.000 |
| 111 | 7.1 | 12.3087 | 0.2555 | -5.2087 | 7.338 | -0.710 | 0.000 |
| 112 | 7.3 | 12.3089 | 0.2554 | -5.0089 | 7.338 | -0.683 | 0.000 |
| 113 | 4.2 | 12.3090 | 0.2554 | -8.1090 | 7.338 | -1.105 | 0.001 |
| 114 | 5.7 | 12.3104 | 0.2553 | -6.6104 | 7.338 | -0.901 | 0.000 |
| 115 | 18.3 | 12.3114 | 0.2552 | 5.9886 | 7.338 | 0.816 | 0.000 |
| 116 | 8.3 | 12.3115 | 0.2552 | -4.0115 | 7.338 | -0.547 | 0.000 |
| 117 | 5.0 | 12.3131 | 0.2551 | -7.3131 | 7.338 | -0.997 | 0.001 |
| 118 | 7.7 | 12.3133 | 0.2550 | -4.6133 | 7.338 | -0.629 | 0.000 |
| 119 | 16.7 | 12.3135 | 0.2550 | 4.3865 | 7.338 | 0.598 | 0.000 |
| 120 | 15.7 | 12.3149 | 0.2549 | 3.3851 | 7.338 | 0.461 | 0.000 |
| 121 | 9.0 | 12.3157 | 0.2548 | -3.3157 | 7.338 | -0.452 | 0.000 |
| 122 | 10.7 | 12.3169 | 0.2547 | -1.6169 | 7.338 | -0.220 | 0.000 |
| 123 | 7.5 | 12.3188 | 0.2546 | -4.8188 | 7.338 | -0.657 | 0.000 |
| 124 | 4.9 | 12.3188 | 0.2546 | -7.4188 | 7.338 | -1.011 | 0.001 |
| 125 | 5.4 | 12.3192 | 0.2546 | -6.9192 | 7.338 | -0.943 | 0.001 |
| 126 | 11.3 | 12.3197 | 0.2545 | -1.0197 | 7.338 | -0.139 | 0.000 |
| 127 | 7.9 | 12.3200 | 0.2545 | -4.4200 | 7.338 | -0.602 | 0.000 |
| 128 | 10.9 | 12.3215 | 0.2544 | -1.4215 | 7.338 | -0.194 | 0.000 |
| 129 | 7.8 | 12.3226 | 0.2543 | -4.5226 | 7.338 | -0.616 | 0.000 |
| 130 | 10.1 | 12.3242 | 0.2542 | -2.2242 | 7.338 | -0.303 | 0.000 |
| 131 | 8.0 | 12.3252 | 0.2541 | -4.3252 | 7.338 | -0.589 | 0.000 |
| 132 | 13.7 | 12.3253 | 0.2541 | 1.3747 | 7.338 | 0.187 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 133 | 15.0 | 12.3255 | 0.2541 | 2.6745 | 7.338 | 0.364 | 0.000 |
| 134 | 13.9 | 12.3262 | 0.2540 | 1.5738 | 7.338 | 0.214 | 0.000 |
| 135 | 16.1 | 12.3266 | 0.2540 | 3.7734 | 7.338 | 0.514 | 0.000 |
| 136 | 10.6 | 12.3281 | 0.2539 | -1.7281 | 7.338 | -0.236 | 0.000 |
| 137 | 6.2 | 12.3287 | 0.2539 | -6.1287 | 7.338 | -0.835 | 0.000 |
| 138 | 9.8 | 12.3289 | 0.2539 | -2.5289 | 7.338 | -0.345 | 0.000 |
| 139 | 7.7 | 12.3290 | 0.2539 | -4.6290 | 7.338 | -0.631 | 0.000 |
| 140 | 39.6 | 12.3317 | 0.2537 | 27.2683 | 7.338 | 3.716 | 0.008 |
| 141 | 6.2 | 12.3334 | 0.2536 | -6.1334 | 7.338 | -0.836 | 0.000 |
| 142 | 9.9 | 12.3339 | 0.2536 | -2.4339 | 7.338 | -0.332 | 0.000 |
| 143 | 11.3 | 12.3384 | 0.2533 | -1.0384 | 7.338 | -0.142 | 0.000 |
| 144 | 6.9 | 12.3394 | 0.2532 | -5.4394 | 7.338 | -0.741 | 0.000 |
| 145 | 7.0 | 12.3423 | 0.2531 | -5.3423 | 7.338 | -0.728 | 0.000 |
| 146 | 10.8 | 12.3433 | 0.2530 | -1.5433 | 7.338 | -0.210 | 0.000 |
| 147 | 11.6 | 12.3433 | 0.2530 | -0.7433 | 7.338 | -0.101 | 0.000 |
| 148 | 11.9 | 12.3451 | 0.2530 | -0.4451 | 7.338 | -0.061 | 0.000 |
| 149 | 7.5 | 12.3451 | 0.2530 | -4.8451 | 7.338 | -0.660 | 0.000 |
| 150 | 6.8 | 12.3451 | 0.2530 | -5.5451 | 7.338 | -0.756 | 0.000 |
| 151 | 4.2 | 12.3461 | 0.2529 | -8.1461 | 7.338 | -1.110 | 0.001 |
| 152 | 12.5 | 12.3466 | 0.2529 | 0.1534 | 7.338 | 0.021 | 0.000 |
| 153 | 8.7 | 12.3469 | 0.2529 | -3.6469 | 7.338 | -0.497 | 0.000 |
| 154 | 12.2 | 12.3474 | 0.2529 | -0.1474 | 7.338 | -0.020 | 0.000 |
| 155 | 12.0 | 12.3483 | 0.2528 | -0.3483 | 7.338 | -0.047 | 0.000 |
| 156 | 6.9 | 12.3494 | 0.2528 | -5.4494 | 7.338 | -0.743 | 0.000 |
| 157 | 7.2 | 12.3496 | 0.2528 | -5.1496 | 7.338 | -0.702 | 0.000 |
| 158 | 13.0 | 12.3502 | 0.2527 | 0.6498 | 7.338 | 0.089 | 0.000 |
| 159 | 8.2 | 12.3512 | 0.2527 | -4.1512 | 7.338 | -0.566 | 0.000 |
| 160 | 11.6 | 12.3516 | 0.2527 | -0.7516 | 7.338 | -0.102 | 0.000 |
| 161 | 11.4 | 12.3523 | 0.2527 | -0.9523 | 7.338 | -0.130 | 0.000 |
| 162 | 8.8 | 12.3529 | 0.2526 | -3.5529 | 7.338 | -0.484 | 0.000 |
| 163 | 6.6 | 12.3531 | 0.2526 | -5.7531 | 7.338 | -0.784 | 0.000 |
| 164 | 25.8 | 12.3532 | 0.2526 | 13.4468 | 7.338 | 1.833 | 0.002 |
| 165 | 9.0 | 12.3535 | 0.2526 | -3.3535 | 7.338 | -0.457 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 166 | 11.2 | 12.3544 | 0.2526 | -1.1544 | 7.338 | -0.157 | 0.000 |
| 167 | 10.0 | 12.3557 | 0.2525 | -2.3557 | 7.338 | -0.321 | 0.000 |
| 168 | 14.7 | 12.3571 | 0.2525 | 2.3429 | 7.338 | 0.319 | 0.000 |
| 169 | 10.5 | 12.3572 | 0.2525 | -1.8572 | 7.338 | -0.253 | 0.000 |
| 170 | 5.4 | 12.3574 | 0.2525 | -6.9574 | 7.338 | -0.948 | 0.001 |
| 171 | 13.3 | 12.3577 | 0.2525 | 0.9423 | 7.338 | 0.128 | 0.000 |
| 172 | 5.3 | 12.3608 | 0.2524 | -7.0608 | 7.338 | -0.962 | 0.001 |
| 173 | 7.4 | 12.3614 | 0.2524 | -4.9614 | 7.338 | -0.676 | 0.000 |
| 174 | 8.5 | 12.3615 | 0.2524 | -3.8615 | 7.338 | -0.526 | 0.000 |
| 175 | 13.4 | 12.3632 | 0.2523 | 1.0368 | 7.338 | 0.141 | 0.000 |
| 176 | 6.0 | 12.3637 | 0.2523 | -6.3637 | 7.338 | -0.867 | 0.000 |
| 177 | 8.1 | 12.3643 | 0.2523 | -4.2643 | 7.338 | -0.581 | 0.000 |
| 178 | 7.5 | 12.3658 | 0.2523 | -4.8658 | 7.338 | -0.663 | 0.000 |
| 179 | 18.3 | 12.3665 | 0.2523 | 5.9335 | 7.338 | 0.809 | 0.000 |
| 180 | 42.1 | 12.3666 | 0.2523 | 29.7334 | 7.338 | 4.052 | 0.010 |
| 181 | 9.3 | 12.3667 | 0.2523 | -3.0667 | 7.338 | -0.418 | 0.000 |
| 182 | 10.8 | 12.3677 | 0.2523 | -1.5677 | 7.338 | -0.214 | 0.000 |
| 183 | 4.3 | 12.3692 | 0.2522 | -8.0692 | 7.338 | -1.100 | 0.001 |
| 184 | 6.6 | 12.3720 | 0.2522 | -5.7720 | 7.338 | -0.787 | 0.000 |
| 185 | 6.5 | 12.3722 | 0.2522 | -5.8722 | 7.338 | -0.800 | 0.000 |
| 186 | 8.1 | 12.3749 | 0.2522 | -4.2749 | 7.338 | -0.583 | 0.000 |
| 187 | 10.7 | 12.3759 | 0.2522 | -1.6759 | 7.338 | -0.228 | 0.000 |
| 188 | 9.3 | 12.3771 | 0.2521 | -3.0771 | 7.338 | -0.419 | 0.000 |
| 189 | 24.0 | 12.3773 | 0.2521 | 11.6227 | 7.338 | 1.584 | 0.001 |
| 190 | 9.6 | 12.3774 | 0.2521 | -2.7774 | 7.338 | -0.379 | 0.000 |
| 191 | 12.4 | 12.3783 | 0.2521 | 0.0217 | 7.338 | 0.003 | 0.000 |
| 192 | 9.4 | 12.3787 | 0.2521 | -2.9787 | 7.338 | -0.406 | 0.000 |
| 193 | 8.6 | 12.3798 | 0.2521 | -3.7798 | 7.338 | -0.515 | 0.000 |
| 194 | 20.3 | 12.3801 | 0.2521 | 7.9199 | 7.338 | 1.079 | 0.001 |
| 195 | 12.9 | 12.3801 | 0.2521 | 0.5199 | 7.338 | 0.071 | 0.000 |
| 196 | 10.0 | 12.3803 | 0.2521 | -2.3803 | 7.338 | -0.324 | 0.000 |
| 197 | 10.0 | 12.3803 | 0.2521 | -2.3803 | 7.338 | -0.324 | 0.000 |
| 198 | 9.0 | 12.3806 | 0.2521 | -3.3806 | 7.338 | -0.461 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 199 | 11.7 | 12.3813 | 0.2521 | -0.6813 | 7.338 | -0.093 | 0.000 |
| 200 | 7.7 | 12.3816 | 0.2521 | -4.6816 | 7.338 | -0.638 | 0.000 |
| 201 | 8.0 | 12.3820 | 0.2521 | -4.3820 | 7.338 | -0.597 | 0.000 |
| 202 | 8.4 | 12.3822 | 0.2521 | -3.9822 | 7.338 | -0.543 | 0.000 |
| 203 | 14.9 | 12.3829 | 0.2521 | 2.5171 | 7.338 | 0.343 | 0.000 |
| 204 | 12.6 | 12.3829 | 0.2521 | 0.2171 | 7.338 | 0.030 | 0.000 |
| 205 | 4.8 | 12.3831 | 0.2521 | -7.5831 | 7.338 | -1.033 | 0.001 |
| 206 | 11.0 | 12.3836 | 0.2521 | -1.3836 | 7.338 | -0.189 | 0.000 |
| 207 | 12.8 | 12.3836 | 0.2521 | 0.4164 | 7.338 | 0.057 | 0.000 |
| 208 | 10.6 | 12.3841 | 0.2521 | -1.7841 | 7.338 | -0.243 | 0.000 |
| 209 | 10.0 | 12.3849 | 0.2521 | -2.3849 | 7.338 | -0.325 | 0.000 |
| 210 | 13.9 | 12.3862 | 0.2522 | 1.5138 | 7.338 | 0.206 | 0.000 |
| 211 | 8.7 | 12.3872 | 0.2522 | -3.6872 | 7.338 | -0.502 | 0.000 |
| 212 | 12.8 | 12.3879 | 0.2522 | 0.4121 | 7.338 | 0.056 | 0.000 |
| 213 | 11.6 | 12.3889 | 0.2522 | -0.7889 | 7.338 | -0.108 | 0.000 |
| 214 | 3.9 | 12.3894 | 0.2522 | -8.4894 | 7.338 | -1.157 | 0.001 |
| 215 | 13.1 | 12.3901 | 0.2522 | 0.7099 | 7.338 | 0.097 | 0.000 |
| 216 | 7.8 | 12.3916 | 0.2522 | -4.5916 | 7.338 | -0.626 | 0.000 |
| 217 | 7.0 | 12.3925 | 0.2522 | -5.3925 | 7.338 | -0.735 | 0.000 |
| 218 | 13.6 | 12.3929 | 0.2522 | 1.2071 | 7.338 | 0.165 | 0.000 |
| 219 | 17.9 | 12.3929 | 0.2522 | 5.5071 | 7.338 | 0.750 | 0.000 |
| 220 | 4.5 | 12.3936 | 0.2522 | -7.8936 | 7.338 | -1.076 | 0.001 |
| 221 | 6.9 | 12.3940 | 0.2522 | -5.4940 | 7.338 | -0.749 | 0.000 |
| 222 | 2.5 | 12.3943 | 0.2522 | -9.8943 | 7.338 | -1.348 | 0.001 |
| 223 | 11.7 | 12.3949 | 0.2523 | -0.6949 | 7.338 | -0.095 | 0.000 |
| 224 | 12.7 | 12.3952 | 0.2523 | 0.3048 | 7.338 | 0.042 | 0.000 |
| 225 | 5.7 | 12.3953 | 0.2523 | -6.6953 | 7.338 | -0.912 | 0.000 |
| 226 | 6.3 | 12.3960 | 0.2523 | -6.0960 | 7.338 | -0.831 | 0.000 |
| 227 | 14.9 | 12.3963 | 0.2523 | 2.5037 | 7.338 | 0.341 | 0.000 |
| 228 | 10.1 | 12.3968 | 0.2523 | -2.2968 | 7.338 | -0.313 | 0.000 |
| 229 | 18.8 | 12.3970 | 0.2523 | 6.4030 | 7.338 | 0.873 | 0.000 |
| 230 | 13.4 | 12.3978 | 0.2523 | 1.0022 | 7.338 | 0.137 | 0.000 |
| 231 | 13.0 | 12.3978 | 0.2523 | 0.6022 | 7.338 | 0.082 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 232 | 6.1 | 12.3979 | 0.2523 | -6.2979 | 7.338 | -0.858 | 0.000 |
| 233 | 4.3 | 12.3982 | 0.2523 | -8.0982 | 7.338 | -1.104 | 0.001 |
| 234 | 8.5 | 12.3986 | 0.2523 | -3.8986 | 7.338 | -0.531 | 0.000 |
| 235 | 18.7 | 12.3986 | 0.2523 | 6.3014 | 7.338 | 0.859 | 0.000 |
| 236 | 9.6 | 12.3987 | 0.2523 | -2.7987 | 7.338 | -0.381 | 0.000 |
| 237 | 12.9 | 12.3990 | 0.2523 | 0.5010 | 7.338 | 0.068 | 0.000 |
| 238 | 15.5 | 12.3991 | 0.2523 | 3.1009 | 7.338 | 0.423 | 0.000 |
| 239 | 3.8 | 12.4013 | 0.2524 | -8.6013 | 7.338 | -1.172 | 0.001 |
| 240 | 30.6 | 12.4016 | 0.2524 | 18.1984 | 7.338 | 2.480 | 0.004 |
| 241 | 10.7 | 12.4024 | 0.2524 | -1.7024 | 7.338 | -0.232 | 0.000 |
| 242 | 37.0 | 12.4026 | 0.2524 | 24.5974 | 7.338 | 3.352 | 0.007 |
| 243 | 12.3 | 12.4027 | 0.2524 | -0.1027 | 7.338 | -0.014 | 0.000 |
| 244 | 8.0 | 12.4047 | 0.2525 | -4.4047 | 7.338 | -0.600 | 0.000 |
| 245 | 7.0 | 12.4050 | 0.2525 | -5.4050 | 7.338 | -0.737 | 0.000 |
| 246 | 11.7 | 12.4050 | 0.2525 | -0.7050 | 7.338 | -0.096 | 0.000 |
| 247 | 11.5 | 12.4051 | 0.2525 | -0.9051 | 7.338 | -0.123 | 0.000 |
| 248 | 10.3 | 12.4056 | 0.2525 | -2.1056 | 7.338 | -0.287 | 0.000 |
| 249 | 11.4 | 12.4057 | 0.2525 | -1.0057 | 7.338 | -0.137 | 0.000 |
| 250 | 13.8 | 12.4062 | 0.2525 | 1.3938 | 7.338 | 0.190 | 0.000 |
| 251 | 12.2 | 12.4064 | 0.2525 | -0.2064 | 7.338 | -0.028 | 0.000 |
| 252 | 7.6 | 12.4064 | 0.2525 | -4.8064 | 7.338 | -0.655 | 0.000 |
| 253 | 13.5 | 12.4078 | 0.2526 | 1.0922 | 7.338 | 0.149 | 0.000 |
| 254 | 5.6 | 12.4080 | 0.2526 | -6.8080 | 7.338 | -0.928 | 0.001 |
| 255 | 4.8 | 12.4085 | 0.2526 | -7.6085 | 7.338 | -1.037 | 0.001 |
| 256 | 23.2 | 12.4086 | 0.2526 | 10.7914 | 7.338 | 1.471 | 0.001 |
| 257 | 3.3 | 12.4087 | 0.2526 | -9.1087 | 7.338 | -1.241 | 0.001 |
| 258 | 13.9 | 12.4089 | 0.2526 | 1.4911 | 7.338 | 0.203 | 0.000 |
| 259 | 11.2 | 12.4090 | 0.2526 | -1.2090 | 7.338 | -0.165 | 0.000 |
| 260 | 21.2 | 12.4099 | 0.2527 | 8.7901 | 7.338 | 1.198 | 0.001 |
| 261 | 5.5 | 12.4099 | 0.2527 | -6.9099 | 7.338 | -0.942 | 0.001 |
| 262 | 4.0 | 12.4100 | 0.2527 | -8.4100 | 7.338 | -1.146 | 0.001 |
| 263 | 10.5 | 12.4102 | 0.2527 | -1.9102 | 7.338 | -0.260 | 0.000 |
| 264 | 3.7 | 12.4102 | 0.2527 | -8.7102 | 7.338 | -1.187 | 0.001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 265 | 3.5 | 12.4105 | 0.2527 | -8.9105 | 7.338 | -1.214 | 0.001 |
| 266 | 7.5 | 12.4108 | 0.2527 | -4.9108 | 7.338 | -0.669 | 0.000 |
| 267 | 6.7 | 12.4118 | 0.2527 | -5.7118 | 7.338 | -0.778 | 0.000 |
| 268 | 12.2 | 12.4124 | 0.2528 | -0.2124 | 7.338 | -0.029 | 0.000 |
| 269 | 8.4 | 12.4141 | 0.2528 | -4.0141 | 7.338 | -0.547 | 0.000 |
| 270 | 9.0 | 12.4144 | 0.2528 | -3.4144 | 7.338 | -0.465 | 0.000 |
| 271 | 9.6 | 12.4145 | 0.2528 | -2.8145 | 7.338 | -0.384 | 0.000 |
| 272 | 5.5 | 12.4165 | 0.2529 | -6.9165 | 7.338 | -0.943 | 0.001 |
| 273 | 11.4 | 12.4170 | 0.2530 | -1.0170 | 7.338 | -0.139 | 0.000 |
| 274 | 21.1 | 12.4174 | 0.2530 | 8.6826 | 7.338 | 1.183 | 0.001 |
| 275 | 19.4 | 12.4179 | 0.2530 | 6.9821 | 7.338 | 0.952 | 0.001 |
| 276 | 2.2 | 12.4180 | 0.2530 | -10.2180 | 7.338 | -1.392 | 0.001 |
| 277 | 3.8 | 12.4180 | 0.2530 | -8.6180 | 7.338 | -1.174 | 0.001 |
| 278 | 9.9 | 12.4182 | 0.2530 | -2.5182 | 7.338 | -0.343 | 0.000 |
| 279 | 5.5 | 12.4184 | 0.2530 | -6.9184 | 7.338 | -0.943 | 0.001 |
| 280 | 12.8 | 12.4188 | 0.2530 | 0.3812 | 7.338 | 0.052 | 0.000 |
| 281 | 16.5 | 12.4193 | 0.2531 | 4.0807 | 7.338 | 0.556 | 0.000 |
| 282 | 11.2 | 12.4213 | 0.2532 | -1.2213 | 7.338 | -0.166 | 0.000 |
| 283 | 13.5 | 12.4213 | 0.2532 | 1.0787 | 7.338 | 0.147 | 0.000 |
| 284 | 8.9 | 12.4218 | 0.2532 | -3.5218 | 7.338 | -0.480 | 0.000 |
| 285 | 9.2 | 12.4224 | 0.2532 | -3.2224 | 7.338 | -0.439 | 0.000 |
| 286 | 8.9 | 12.4228 | 0.2532 | -3.5228 | 7.338 | -0.480 | 0.000 |
| 287 | 6.1 | 12.4234 | 0.2533 | -6.3234 | 7.338 | -0.862 | 0.000 |
| 288 | 8.4 | 12.4237 | 0.2533 | -4.0237 | 7.338 | -0.548 | 0.000 |
| 289 | 14.1 | 12.4239 | 0.2533 | 1.6761 | 7.338 | 0.228 | 0.000 |
| 290 | 5.8 | 12.4246 | 0.2533 | -6.6246 | 7.338 | -0.903 | 0.000 |
| 291 | 8.5 | 12.4249 | 0.2534 | -3.9249 | 7.338 | -0.535 | 0.000 |
| 292 | 5.8 | 12.4251 | 0.2534 | -6.6251 | 7.338 | -0.903 | 0.000 |
| 293 | 3.8 | 12.4255 | 0.2534 | -8.6255 | 7.338 | -1.175 | 0.001 |
| 294 | 5.1 | 12.4264 | 0.2534 | -7.3264 | 7.338 | -0.998 | 0.001 |
| 295 | 15.6 | 12.4271 | 0.2535 | 3.1729 | 7.338 | 0.432 | 0.000 |
| 296 | 7.5 | 12.4275 | 0.2535 | -4.9275 | 7.338 | -0.672 | 0.000 |
| 297 | 9.8 | 12.4276 | 0.2535 | -2.6276 | 7.338 | -0.358 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 298 | 7.8 | 12.4276 | 0.2535 | -4.6276 | 7.338 | -0.631 | 0.000 |
| 299 | 13.9 | 12.4278 | 0.2535 | 1.4722 | 7.338 | 0.201 | 0.000 |
| 300 | 6.9 | 12.4286 | 0.2536 | -5.5286 | 7.338 | -0.753 | 0.000 |
| 301 | 11.3 | 12.4292 | 0.2536 | -1.1292 | 7.338 | -0.154 | 0.000 |
| 302 | 4.9 | 12.4294 | 0.2536 | -7.5294 | 7.338 | -1.026 | 0.001 |
| 303 | 10.4 | 12.4296 | 0.2536 | -2.0296 | 7.338 | -0.277 | 0.000 |
| 304 | 4.5 | 12.4296 | 0.2536 | -7.9296 | 7.338 | -1.081 | 0.001 |
| 305 | 16.3 | 12.4303 | 0.2537 | 3.8697 | 7.338 | 0.527 | 0.000 |
| 306 | 12.6 | 12.4304 | 0.2537 | 0.1696 | 7.338 | 0.023 | 0.000 |
| 307 | 13.0 | 12.4313 | 0.2537 | 0.5687 | 7.338 | 0.078 | 0.000 |
| 308 | 21.7 | 12.4317 | 0.2538 | 9.2683 | 7.338 | 1.263 | 0.001 |
| 309 | 19.0 | 12.4320 | 0.2538 | 6.5680 | 7.338 | 0.895 | 0.000 |
| 310 | 11.9 | 12.4328 | 0.2538 | -0.5328 | 7.338 | -0.073 | 0.000 |
| 311 | 11.8 | 12.4330 | 0.2538 | -0.6330 | 7.338 | -0.086 | 0.000 |
| 312 | 5.1 | 12.4331 | 0.2538 | -7.3331 | 7.338 | -0.999 | 0.001 |
| 313 | 11.6 | 12.4339 | 0.2539 | -0.8339 | 7.338 | -0.114 | 0.000 |
| 314 | 11.2 | 12.4341 | 0.2539 | -1.2341 | 7.338 | -0.168 | 0.000 |
| 315 | 5.4 | 12.4344 | 0.2539 | -7.0344 | 7.338 | -0.959 | 0.001 |
| 316 | 9.6 | 12.4349 | 0.2540 | -2.8349 | 7.338 | -0.386 | 0.000 |
| 317 | 14.2 | 12.4349 | 0.2540 | 1.7651 | 7.338 | 0.241 | 0.000 |
| 318 | 9.5 | 12.4350 | 0.2540 | -2.9350 | 7.338 | -0.400 | 0.000 |
| 319 | 8.1 | 12.4353 | 0.2540 | -4.3353 | 7.338 | -0.591 | 0.000 |
| 320 | 56.2 | 12.4359 | 0.2540 | 43.7641 | 7.338 | 5.964 | 0.021 |
| 321 | 12.4 | 12.4360 | 0.2540 | -0.0360 | 7.338 | -0.005 | 0.000 |
| 322 | 11.8 | 12.4364 | 0.2541 | -0.6364 | 7.338 | -0.087 | 0.000 |
| 323 | 6.4 | 12.4365 | 0.2541 | -6.0365 | 7.338 | -0.823 | 0.000 |
| 324 | 15.2 | 12.4369 | 0.2541 | 2.7631 | 7.338 | 0.377 | 0.000 |
| 325 | 12.7 | 12.4372 | 0.2541 | 0.2628 | 7.338 | 0.036 | 0.000 |
| 326 | 19.9 | 12.4377 | 0.2542 | 7.4623 | 7.338 | 1.017 | 0.001 |
| 327 | 17.2 | 12.4377 | 0.2542 | 4.7623 | 7.338 | 0.649 | 0.000 |
| 328 | 7.1 | 12.4382 | 0.2542 | -5.3382 | 7.338 | -0.727 | 0.000 |
| 329 | 6.4 | 12.4392 | 0.2543 | -6.0392 | 7.338 | -0.823 | 0.000 |
| 330 | 12.5 | 12.4397 | 0.2543 | 0.0603 | 7.338 | 0.008 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 331 | 6.5 | 12.4399 | 0.2543 | -5.9399 | 7.338 | -0.809 | 0.000 |
| 332 | 27.3 | 12.4399 | 0.2543 | 14.8601 | 7.338 | 2.025 | 0.002 |
| 333 | 12.0 | 12.4400 | 0.2543 | -0.4400 | 7.338 | -0.060 | 0.000 |
| 334 | 5.0 | 12.4401 | 0.2543 | -7.4401 | 7.338 | -1.014 | 0.001 |
| 335 | 6.5 | 12.4401 | 0.2543 | -5.9401 | 7.338 | -0.810 | 0.000 |
| 336 | 14.4 | 12.4405 | 0.2544 | 1.9595 | 7.338 | 0.267 | 0.000 |
| 337 | 12.7 | 12.4410 | 0.2544 | 0.2590 | 7.338 | 0.035 | 0.000 |
| 338 | 4.8 | 12.4410 | 0.2544 | -7.6410 | 7.338 | -1.041 | 0.001 |
| 339 | 7.7 | 12.4421 | 0.2545 | -4.7421 | 7.338 | -0.646 | 0.000 |
| 340 | 14.3 | 12.4421 | 0.2545 | 1.8579 | 7.338 | 0.253 | 0.000 |
| 341 | 8.3 | 12.4421 | 0.2545 | -4.1421 | 7.338 | -0.564 | 0.000 |
| 342 | 14.2 | 12.4423 | 0.2545 | 1.7577 | 7.338 | 0.240 | 0.000 |
| 343 | 15.5 | 12.4423 | 0.2545 | 3.0577 | 7.338 | 0.417 | 0.000 |
| 344 | 11.9 | 12.4430 | 0.2546 | -0.5430 | 7.338 | -0.074 | 0.000 |
| 345 | 13.9 | 12.4431 | 0.2546 | 1.4569 | 7.338 | 0.199 | 0.000 |
| 346 | 14.4 | 12.4433 | 0.2546 | 1.9567 | 7.338 | 0.267 | 0.000 |
| 347 | 10.0 | 12.4437 | 0.2546 | -2.4437 | 7.338 | -0.333 | 0.000 |
| 348 | 7.9 | 12.4441 | 0.2546 | -4.5441 | 7.338 | -0.619 | 0.000 |
| 349 | 16.3 | 12.4443 | 0.2547 | 3.8557 | 7.338 | 0.525 | 0.000 |
| 350 | 14.0 | 12.4444 | 0.2547 | 1.5556 | 7.338 | 0.212 | 0.000 |
| 351 | 9.0 | 12.4446 | 0.2547 | -3.4446 | 7.338 | -0.469 | 0.000 |
| 352 | 9.6 | 12.4448 | 0.2547 | -2.8448 | 7.338 | -0.388 | 0.000 |
| 353 | 9.7 | 12.4450 | 0.2547 | -2.7450 | 7.338 | -0.374 | 0.000 |
| 354 | 11.5 | 12.4455 | 0.2548 | -0.9455 | 7.338 | -0.129 | 0.000 |
| 355 | 14.6 | 12.4456 | 0.2548 | 2.1544 | 7.338 | 0.294 | 0.000 |
| 356 | 17.4 | 12.4456 | 0.2548 | 4.9544 | 7.338 | 0.675 | 0.000 |
| 357 | 10.5 | 12.4458 | 0.2548 | -1.9458 | 7.338 | -0.265 | 0.000 |
| 358 | 9.3 | 12.4460 | 0.2548 | -3.1460 | 7.338 | -0.429 | 0.000 |
| 359 | 24.9 | 12.4461 | 0.2548 | 12.4539 | 7.338 | 1.697 | 0.002 |
| 360 | 16.4 | 12.4462 | 0.2548 | 3.9538 | 7.338 | 0.539 | 0.000 |
| 361 | 12.9 | 12.4463 | 0.2548 | 0.4537 | 7.338 | 0.062 | 0.000 |
| 362 | 10.4 | 12.4465 | 0.2548 | -2.0465 | 7.338 | -0.279 | 0.000 |
| 363 | 14.5 | 12.4465 | 0.2548 | 2.0535 | 7.338 | 0.280 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 364 | 12.2 | 12.4466 | 0.2548 | -0.2466 | 7.338 | -0.034 | 0.000 |
| 365 | 7.4 | 12.4470 | 0.2549 | -5.0470 | 7.338 | -0.688 | 0.000 |
| 366 | 2.0 | 12.4475 | 0.2549 | -10.4475 | 7.338 | -1.424 | 0.001 |
| 367 | 9.6 | 12.4480 | 0.2550 | -2.8480 | 7.338 | -0.388 | 0.000 |
| 368 | 12.3 | 12.4484 | 0.2550 | -0.1484 | 7.338 | -0.020 | 0.000 |
| 369 | 20.7 | 12.4485 | 0.2550 | 8.2515 | 7.338 | 1.125 | 0.001 |
| 370 | 5.9 | 12.4488 | 0.2550 | -6.5488 | 7.338 | -0.892 | 0.000 |
| 371 | 9.3 | 12.4489 | 0.2550 | -3.1489 | 7.338 | -0.429 | 0.000 |
| 372 | 15.1 | 12.4495 | 0.2551 | 2.6505 | 7.338 | 0.361 | 0.000 |
| 373 | 9.5 | 12.4496 | 0.2551 | -2.9496 | 7.338 | -0.402 | 0.000 |
| 374 | 16.8 | 12.4498 | 0.2551 | 4.3502 | 7.338 | 0.593 | 0.000 |
| 375 | 14.6 | 12.4500 | 0.2551 | 2.1500 | 7.338 | 0.293 | 0.000 |
| 376 | 20.2 | 12.4501 | 0.2551 | 7.7499 | 7.338 | 1.056 | 0.001 |
| 377 | 15.8 | 12.4507 | 0.2552 | 3.3493 | 7.338 | 0.456 | 0.000 |
| 378 | 8.1 | 12.4507 | 0.2552 | -4.3507 | 7.338 | -0.593 | 0.000 |
| 379 | 21.0 | 12.4510 | 0.2552 | 8.5490 | 7.338 | 1.165 | 0.001 |
| 380 | 16.2 | 12.4514 | 0.2553 | 3.7486 | 7.338 | 0.511 | 0.000 |
| 381 | 17.4 | 12.4524 | 0.2553 | 4.9476 | 7.338 | 0.674 | 0.000 |
| 382 | 12.5 | 12.4525 | 0.2554 | 0.0475 | 7.338 | 0.006 | 0.000 |
| 383 | 3.9 | 12.4526 | 0.2554 | -8.5526 | 7.338 | -1.166 | 0.001 |
| 384 | 37.9 | 12.4527 | 0.2554 | 25.4473 | 7.338 | 3.468 | 0.007 |
| 385 | 4.7 | 12.4528 | 0.2554 | -7.7528 | 7.338 | -1.057 | 0.001 |
| 386 | 10.0 | 12.4529 | 0.2554 | -2.4529 | 7.338 | -0.334 | 0.000 |
| 387 | 12.0 | 12.4530 | 0.2554 | -0.4530 | 7.338 | -0.062 | 0.000 |
| 388 | 14.6 | 12.4530 | 0.2554 | 2.1470 | 7.338 | 0.293 | 0.000 |
| 389 | 25.9 | 12.4531 | 0.2554 | 13.4469 | 7.338 | 1.833 | 0.002 |
| 390 | 7.9 | 12.4532 | 0.2554 | -4.5532 | 7.338 | -0.621 | 0.000 |
| 391 | 8.2 | 12.4533 | 0.2554 | -4.2533 | 7.338 | -0.580 | 0.000 |
| 392 | 5.0 | 12.4537 | 0.2555 | -7.4537 | 7.338 | -1.016 | 0.001 |
| 393 | 8.1 | 12.4537 | 0.2555 | -4.3537 | 7.338 | -0.593 | 0.000 |
| 394 | 15.4 | 12.4537 | 0.2555 | 2.9463 | 7.338 | 0.402 | 0.000 |
| 395 | 9.9 | 12.4541 | 0.2555 | -2.5541 | 7.338 | -0.348 | 0.000 |
| 396 | 17.4 | 12.4542 | 0.2555 | 4.9458 | 7.338 | 0.674 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 397 | 7.5 | 12.4543 | 0.2555 | -4.9543 | 7.338 | -0.675 | 0.000 |
| 398 | 12.5 | 12.4547 | 0.2556 | 0.0453 | 7.338 | 0.006 | 0.000 |
| 399 | 13.5 | 12.4551 | 0.2556 | 1.0449 | 7.338 | 0.142 | 0.000 |
| 400 | 23.4 | 12.4551 | 0.2556 | 10.9449 | 7.338 | 1.492 | 0.001 |
| 401 | 9.6 | 12.4551 | 0.2556 | -2.8551 | 7.338 | -0.389 | 0.000 |
| 402 | 35.6 | 12.4553 | 0.2556 | 23.1447 | 7.338 | 3.154 | 0.006 |
| 403 | 15.4 | 12.4555 | 0.2556 | 2.9445 | 7.338 | 0.401 | 0.000 |
| 404 | 12.4 | 12.4556 | 0.2556 | -0.0556 | 7.338 | -0.008 | 0.000 |
| 405 | 9.3 | 12.4557 | 0.2556 | -3.1557 | 7.338 | -0.430 | 0.000 |
| 406 | 6.3 | 12.4557 | 0.2556 | -6.1557 | 7.338 | -0.839 | 0.000 |
| 407 | 5.3 | 12.4557 | 0.2557 | -7.1557 | 7.338 | -0.975 | 0.001 |
| 408 | 8.9 | 12.4557 | 0.2557 | -3.5557 | 7.338 | -0.485 | 0.000 |
| 409 | 9.9 | 12.4559 | 0.2557 | -2.5559 | 7.338 | -0.348 | 0.000 |
| 410 | 19.1 | 12.4560 | 0.2557 | 6.6440 | 7.338 | 0.905 | 0.000 |
| 411 | 9.0 | 12.4560 | 0.2557 | -3.4560 | 7.338 | -0.471 | 0.000 |
| 412 | 42.8 | 12.4561 | 0.2557 | 30.3439 | 7.338 | 4.135 | 0.010 |
| 413 | 8.6 | 12.4565 | 0.2557 | -3.8565 | 7.338 | -0.526 | 0.000 |
| 414 | 14.7 | 12.4565 | 0.2557 | 2.2435 | 7.338 | 0.306 | 0.000 |
| 415 | 8.4 | 12.4566 | 0.2557 | -4.0566 | 7.338 | -0.553 | 0.000 |
| 416 | 10.8 | 12.4568 | 0.2557 | -1.6568 | 7.338 | -0.226 | 0.000 |
| 417 | 8.9 | 12.4568 | 0.2557 | -3.5568 | 7.338 | -0.485 | 0.000 |
| 418 | 5.3 | 12.4569 | 0.2558 | -7.1569 | 7.338 | -0.975 | 0.001 |
| 419 | 26.9 | 12.4570 | 0.2558 | 14.4430 | 7.338 | 1.968 | 0.002 |
| 420 | 9.7 | 12.4572 | 0.2558 | -2.7572 | 7.338 | -0.376 | 0.000 |
| 421 | 10.3 | 12.4572 | 0.2558 | -2.1572 | 7.338 | -0.294 | 0.000 |
| 422 | 9.7 | 12.4573 | 0.2558 | -2.7573 | 7.338 | -0.376 | 0.000 |
| 423 | 9.1 | 12.4574 | 0.2558 | -3.3574 | 7.338 | -0.458 | 0.000 |
| 424 | 19.9 | 12.4574 | 0.2558 | 7.4426 | 7.338 | 1.014 | 0.001 |
| 425 | 12.1 | 12.4575 | 0.2558 | -0.3575 | 7.338 | -0.049 | 0.000 |
| 426 | 14.6 | 12.4576 | 0.2558 | 2.1424 | 7.338 | 0.292 | 0.000 |
| 427 | 13.6 | 12.4577 | 0.2558 | 1.1423 | 7.338 | 0.156 | 0.000 |
| 428 | 11.0 | 12.4579 | 0.2559 | -1.4579 | 7.338 | -0.199 | 0.000 |
| 429 | 30.5 | 12.4582 | 0.2559 | 18.0418 | 7.338 | 2.459 | 0.004 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 430 | 11.7 | 12.4584 | 0.2559 | -0.7584 | 7.338 | -0.103 | 0.000 |
| 431 | 2.8 | 12.4586 | 0.2559 | -9.6586 | 7.338 | -1.316 | 0.001 |
| 432 | 3.2 | 12.4587 | 0.2559 | -9.2587 | 7.338 | -1.262 | 0.001 |
| 433 | 13.9 | 12.4588 | 0.2559 | 1.4412 | 7.338 | 0.196 | 0.000 |
| 434 | 5.0 | 12.4588 | 0.2559 | -7.4588 | 7.338 | -1.016 | 0.001 |
| 435 | 6.9 | 12.4589 | 0.2560 | -5.5589 | 7.338 | -0.758 | 0.000 |
| 436 | 7.1 | 12.4592 | 0.2560 | -5.3592 | 7.338 | -0.730 | 0.000 |
| 437 | 12.9 | 12.4593 | 0.2560 | 0.4407 | 7.338 | 0.060 | 0.000 |
| 438 | 5.7 | 12.4593 | 0.2560 | -6.7593 | 7.338 | -0.921 | 0.001 |
| 439 | 15.9 | 12.4594 | 0.2560 | 3.4406 | 7.338 | 0.469 | 0.000 |
| 440 | 13.3 | 12.4595 | 0.2560 | 0.8405 | 7.338 | 0.115 | 0.000 |
| 441 | 10.6 | 12.4595 | 0.2560 | -1.8595 | 7.338 | -0.253 | 0.000 |
| 442 | 23.8 | 12.4596 | 0.2560 | 11.3404 | 7.338 | 1.545 | 0.001 |
| 443 | 8.2 | 12.4598 | 0.2560 | -4.2598 | 7.338 | -0.581 | 0.000 |
| 444 | 19.9 | 12.4598 | 0.2560 | 7.4402 | 7.338 | 1.014 | 0.001 |
| 445 | 3.5 | 12.4598 | 0.2560 | -8.9598 | 7.338 | -1.221 | 0.001 |
| 446 | 10.9 | 12.4599 | 0.2561 | -1.5599 | 7.338 | -0.213 | 0.000 |
| 447 | 8.7 | 12.4600 | 0.2561 | -3.7600 | 7.338 | -0.512 | 0.000 |
| 448 | 5.8 | 12.4600 | 0.2561 | -6.6600 | 7.338 | -0.908 | 0.001 |
| 449 | 6.7 | 12.4601 | 0.2561 | -5.7601 | 7.338 | -0.785 | 0.000 |
| 450 | 14.2 | 12.4601 | 0.2561 | 1.7399 | 7.338 | 0.237 | 0.000 |
| 451 | 13.3 | 12.4602 | 0.2561 | 0.8398 | 7.338 | 0.114 | 0.000 |
| 452 | 5.6 | 12.4603 | 0.2561 | -6.8603 | 7.338 | -0.935 | 0.001 |
| 453 | 13.8 | 12.4603 | 0.2561 | 1.3397 | 7.338 | 0.183 | 0.000 |
| 454 | 9.2 | 12.4603 | 0.2561 | -3.2603 | 7.338 | -0.444 | 0.000 |
| 455 | 13.1 | 12.4603 | 0.2561 | 0.6397 | 7.338 | 0.087 | 0.000 |
| 456 | 8.7 | 12.4604 | 0.2561 | -3.7604 | 7.338 | -0.512 | 0.000 |
| 457 | 7.3 | 12.4604 | 0.2561 | -5.1604 | 7.338 | -0.703 | 0.000 |
| 458 | 7.9 | 12.4605 | 0.2561 | -4.5605 | 7.338 | -0.622 | 0.000 |
| 459 | 7.3 | 12.4606 | 0.2561 | -5.1606 | 7.338 | -0.703 | 0.000 |
| 460 | 5.4 | 12.4608 | 0.2561 | -7.0608 | 7.338 | -0.962 | 0.001 |
| 461 | 4.8 | 12.4608 | 0.2561 | -7.6608 | 7.338 | -1.044 | 0.001 |
| 462 | 14.5 | 12.4609 | 0.2562 | 2.0391 | 7.338 | 0.278 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 463 | 15.6 | 12.4609 | 0.2562 | 3.1391 | 7.338 | 0.428 | 0.000 |
| 464 | 10.3 | 12.4610 | 0.2562 | -2.1610 | 7.338 | -0.295 | 0.000 |
| 465 | 15.0 | 12.4612 | 0.2562 | 2.5388 | 7.338 | 0.346 | 0.000 |
| 466 | 18.5 | 12.4613 | 0.2562 | 6.0387 | 7.338 | 0.823 | 0.000 |
| 467 | 10.7 | 12.4613 | 0.2562 | -1.7613 | 7.338 | -0.240 | 0.000 |
| 468 | 5.7 | 12.4614 | 0.2562 | -6.7614 | 7.338 | -0.921 | 0.001 |
| 469 | 13.3 | 12.4615 | 0.2562 | 0.8385 | 7.338 | 0.114 | 0.000 |
| 470 | 6.6 | 12.4615 | 0.2562 | -5.8615 | 7.338 | -0.799 | 0.000 |
| 471 | 7.4 | 12.4618 | 0.2562 | -5.0618 | 7.338 | -0.690 | 0.000 |
| 472 | 17.2 | 12.4618 | 0.2562 | 4.7382 | 7.338 | 0.646 | 0.000 |
| 473 | 3.6 | 12.4619 | 0.2563 | -8.8619 | 7.338 | -1.208 | 0.001 |
| 474 | 18.9 | 12.4620 | 0.2563 | 6.4380 | 7.338 | 0.877 | 0.000 |
| 475 | 9.6 | 12.4621 | 0.2563 | -2.8621 | 7.338 | -0.390 | 0.000 |
| 476 | 8.8 | 12.4622 | 0.2563 | -3.6622 | 7.338 | -0.499 | 0.000 |
| 477 | 6.4 | 12.4624 | 0.2563 | -6.0624 | 7.338 | -0.826 | 0.000 |
| 478 | 4.6 | 12.4624 | 0.2563 | -7.8624 | 7.338 | -1.071 | 0.001 |
| 479 | 11.1 | 12.4626 | 0.2563 | -1.3626 | 7.338 | -0.186 | 0.000 |
| 480 | 5.4 | 12.4627 | 0.2563 | -7.0627 | 7.338 | -0.963 | 0.001 |
| 481 | 8.7 | 12.4633 | 0.2564 | -3.7633 | 7.338 | -0.513 | 0.000 |
| 482 | 4.3 | 12.4634 | 0.2564 | -8.1634 | 7.338 | -1.113 | 0.001 |
| 483 | 9.6 | 12.4637 | 0.2564 | -2.8637 | 7.338 | -0.390 | 0.000 |
| 484 | 7.4 | 12.4638 | 0.2564 | -5.0638 | 7.338 | -0.690 | 0.000 |
| 485 | 6.2 | 12.4638 | 0.2564 | -6.2638 | 7.338 | -0.854 | 0.000 |
| 486 | 13.2 | 12.4639 | 0.2565 | 0.7361 | 7.338 | 0.100 | 0.000 |
| 487 | 19.7 | 12.4641 | 0.2565 | 7.2359 | 7.338 | 0.986 | 0.001 |
| 488 | 7.0 | 12.4641 | 0.2565 | -5.4641 | 7.338 | -0.745 | 0.000 |
| 489 | 8.6 | 12.4643 | 0.2565 | -3.8643 | 7.338 | -0.527 | 0.000 |
| 490 | 12.1 | 12.4644 | 0.2565 | -0.3644 | 7.338 | -0.050 | 0.000 |
| 491 | 4.1 | 12.4645 | 0.2565 | -8.3645 | 7.338 | -1.140 | 0.001 |
| 492 | 11.4 | 12.4646 | 0.2565 | -1.0646 | 7.338 | -0.145 | 0.000 |
| 493 | 16.1 | 12.4649 | 0.2566 | 3.6351 | 7.338 | 0.495 | 0.000 |
| 494 | 16.7 | 12.4650 | 0.2566 | 4.2350 | 7.338 | 0.577 | 0.000 |
| 495 | 13.0 | 12.4651 | 0.2566 | 0.5349 | 7.338 | 0.073 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 496 | 10.4 | 12.4652 | 0.2566 | -2.0652 | 7.338 | -0.281 | 0.000 |
| 497 | 11.1 | 12.4652 | 0.2566 | -1.3652 | 7.338 | -0.186 | 0.000 |
| 498 | 16.4 | 12.4652 | 0.2566 | 3.9348 | 7.338 | 0.536 | 0.000 |
| 499 | 8.2 | 12.4653 | 0.2566 | -4.2653 | 7.338 | -0.581 | 0.000 |
| 500 | 25.3 | 12.4653 | 0.2566 | 12.8347 | 7.338 | 1.749 | 0.002 |
| 501 | 14.0 | 12.4653 | 0.2566 | 1.5347 | 7.338 | 0.209 | 0.000 |
| 502 | 17.5 | 12.4653 | 0.2566 | 5.0347 | 7.338 | 0.686 | 0.000 |
| 503 | 14.5 | 12.4654 | 0.2566 | 2.0346 | 7.338 | 0.277 | 0.000 |
| 504 | 13.1 | 12.4654 | 0.2566 | 0.6346 | 7.338 | 0.086 | 0.000 |
| 505 | 5.9 | 12.4655 | 0.2566 | -6.5655 | 7.338 | -0.895 | 0.000 |
| 506 | 15.4 | 12.4655 | 0.2566 | 2.9345 | 7.338 | 0.400 | 0.000 |
| 507 | 12.6 | 12.4658 | 0.2567 | 0.1342 | 7.338 | 0.018 | 0.000 |
| 508 | 9.6 | 12.4658 | 0.2567 | -2.8658 | 7.338 | -0.391 | 0.000 |
| 509 | 8.7 | 12.4660 | 0.2567 | -3.7660 | 7.338 | -0.513 | 0.000 |
| 510 | 6.6 | 12.4660 | 0.2567 | -5.8660 | 7.338 | -0.799 | 0.000 |
| 511 | 20.7 | 12.4661 | 0.2567 | 8.2339 | 7.338 | 1.122 | 0.001 |
| 512 | 5.1 | 12.4661 | 0.2567 | -7.3661 | 7.338 | -1.004 | 0.001 |
| 513 | 10.0 | 12.4661 | 0.2567 | -2.4661 | 7.338 | -0.336 | 0.000 |
| 514 | 8.8 | 12.4662 | 0.2567 | -3.6662 | 7.338 | -0.500 | 0.000 |
| 515 | 11.5 | 12.4662 | 0.2567 | -0.9662 | 7.338 | -0.132 | 0.000 |
| 516 | 18.4 | 12.4663 | 0.2567 | 5.9337 | 7.338 | 0.809 | 0.000 |
| 517 | 22.5 | 12.4663 | 0.2567 | 10.0337 | 7.338 | 1.367 | 0.001 |
| 518 | 6.1 | 12.4664 | 0.2567 | -6.3664 | 7.338 | -0.868 | 0.000 |
| 519 | 5.0 | 12.4667 | 0.2567 | -7.4667 | 7.338 | -1.018 | 0.001 |
| 520 | 9.0 | 12.4668 | 0.2568 | -3.4668 | 7.338 | -0.472 | 0.000 |
| 521 | 7.8 | 12.4668 | 0.2568 | -4.6668 | 7.338 | -0.636 | 0.000 |
| 522 | 8.6 | 12.4669 | 0.2568 | -3.8669 | 7.338 | -0.527 | 0.000 |
| 523 | 9.7 | 12.4669 | 0.2568 | -2.7669 | 7.338 | -0.377 | 0.000 |
| 524 | 5.3 | 12.4670 | 0.2568 | -7.1670 | 7.338 | -0.977 | 0.001 |
| 525 | 24.4 | 12.4671 | 0.2568 | 11.9329 | 7.338 | 1.626 | 0.002 |
| 526 | 14.9 | 12.4671 | 0.2568 | 2.4329 | 7.338 | 0.332 | 0.000 |
| 527 | 13.5 | 12.4672 | 0.2568 | 1.0328 | 7.338 | 0.141 | 0.000 |
| 528 | 6.6 | 12.4672 | 0.2568 | -5.8672 | 7.338 | -0.800 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 529 | 9.9 | 12.4672 | 0.2568 | -2.5672 | 7.338 | -0.350 | 0.000 |
| 530 | 6.0 | 12.4675 | 0.2568 | -6.4675 | 7.338 | -0.881 | 0.000 |
| 531 | 16.6 | 12.4675 | 0.2568 | 4.1325 | 7.338 | 0.563 | 0.000 |
| 532 | 4.3 | 12.4676 | 0.2568 | -8.1676 | 7.338 | -1.113 | 0.001 |
| 533 | 16.5 | 12.4678 | 0.2569 | 4.0322 | 7.338 | 0.550 | 0.000 |
| 534 | 11.6 | 12.4679 | 0.2569 | -0.8679 | 7.338 | -0.118 | 0.000 |
| 535 | 32.7 | 12.4682 | 0.2569 | 20.2318 | 7.338 | 2.757 | 0.005 |
| 536 | 16.9 | 12.4682 | 0.2569 | 4.4318 | 7.338 | 0.604 | 0.000 |
| 537 | 14.6 | 12.4683 | 0.2569 | 2.1317 | 7.338 | 0.291 | 0.000 |
| 538 | 13.6 | 12.4683 | 0.2569 | 1.1317 | 7.338 | 0.154 | 0.000 |
| 539 | 7.7 | 12.4684 | 0.2569 | -4.7684 | 7.338 | -0.650 | 0.000 |
| 540 | 25.1 | 12.4684 | 0.2569 | 12.6316 | 7.338 | 1.721 | 0.002 |
| 541 | 16.4 | 12.4685 | 0.2569 | 3.9315 | 7.338 | 0.536 | 0.000 |
| 542 | 22.5 | 12.4685 | 0.2569 | 10.0315 | 7.338 | 1.367 | 0.001 |
| 543 | 11.9 | 12.4686 | 0.2570 | -0.5686 | 7.338 | -0.077 | 0.000 |
| 544 | 13.7 | 12.4686 | 0.2570 | 1.2314 | 7.338 | 0.168 | 0.000 |
| 545 | 10.7 | 12.4686 | 0.2570 | -1.7686 | 7.338 | -0.241 | 0.000 |
| 546 | 12.1 | 12.4687 | 0.2570 | -0.3687 | 7.338 | -0.050 | 0.000 |
| 547 | 11.9 | 12.4688 | 0.2570 | -0.5688 | 7.338 | -0.078 | 0.000 |
| 548 | 9.6 | 12.4690 | 0.2570 | -2.8690 | 7.338 | -0.391 | 0.000 |
| 549 | 2.3 | 12.4691 | 0.2570 | -10.1691 | 7.338 | -1.386 | 0.001 |
| 550 | 13.0 | 12.4691 | 0.2570 | 0.5309 | 7.338 | 0.072 | 0.000 |
| 551 | 10.7 | 12.4691 | 0.2570 | -1.7691 | 7.338 | -0.241 | 0.000 |
| 552 | 2.5 | 12.4691 | 0.2570 | -9.9691 | 7.338 | -1.359 | 0.001 |
| 553 | 23.4 | 12.4692 | 0.2570 | 10.9308 | 7.338 | 1.490 | 0.001 |
| 554 | 5.0 | 12.4695 | 0.2570 | -7.4695 | 7.338 | -1.018 | 0.001 |
| 555 | 6.7 | 12.4695 | 0.2571 | -5.7695 | 7.338 | -0.786 | 0.000 |
| 556 | 24.7 | 12.4695 | 0.2571 | 12.2305 | 7.338 | 1.667 | 0.002 |
| 557 | 8.8 | 12.4696 | 0.2571 | -3.6696 | 7.338 | -0.500 | 0.000 |
| 558 | 17.9 | 12.4696 | 0.2571 | 5.4304 | 7.338 | 0.740 | 0.000 |
| 559 | 12.0 | 12.4698 | 0.2571 | -0.4698 | 7.338 | -0.064 | 0.000 |
| 560 | 7.7 | 12.4700 | 0.2571 | -4.7700 | 7.338 | -0.650 | 0.000 |
| 561 | 5.2 | 12.4701 | 0.2571 | -7.2701 | 7.338 | -0.991 | 0.001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 562 | 27.8 | 12.4701 | 0.2571 | 15.3299 | 7.338 | 2.089 | 0.003 |
| 563 | 3.7 | 12.4702 | 0.2571 | -8.7702 | 7.338 | -1.195 | 0.001 |
| 564 | 15.7 | 12.4702 | 0.2571 | 3.2298 | 7.338 | 0.440 | 0.000 |
| 565 | 6.5 | 12.4703 | 0.2571 | -5.9703 | 7.338 | -0.814 | 0.000 |
| 566 | 5.6 | 12.4703 | 0.2571 | -6.8703 | 7.338 | -0.936 | 0.001 |
| 567 | 13.6 | 12.4703 | 0.2571 | 1.1297 | 7.338 | 0.154 | 0.000 |
| 568 | 15.0 | 12.4703 | 0.2571 | 2.5297 | 7.338 | 0.345 | 0.000 |
| 569 | 22.0 | 12.4704 | 0.2572 | 9.5296 | 7.338 | 1.299 | 0.001 |
| 570 | 13.9 | 12.4704 | 0.2572 | 1.4296 | 7.338 | 0.195 | 0.000 |
| 571 | 12.7 | 12.4704 | 0.2572 | 0.2296 | 7.338 | 0.031 | 0.000 |
| 572 | 14.1 | 12.4705 | 0.2572 | 1.6295 | 7.338 | 0.222 | 0.000 |
| 573 | 10.4 | 12.4706 | 0.2572 | -2.0706 | 7.338 | -0.282 | 0.000 |
| 574 | 14.8 | 12.4707 | 0.2572 | 2.3293 | 7.338 | 0.317 | 0.000 |
| 575 | 14.0 | 12.4708 | 0.2572 | 1.5292 | 7.338 | 0.208 | 0.000 |
| 576 | 34.8 | 12.4709 | 0.2572 | 22.3291 | 7.338 | 3.043 | 0.006 |
| 577 | 14.6 | 12.4709 | 0.2572 | 2.1291 | 7.338 | 0.290 | 0.000 |
| 578 | 7.0 | 12.4710 | 0.2572 | -5.4710 | 7.338 | -0.746 | 0.000 |
| 579 | 13.4 | 12.4710 | 0.2572 | 0.9290 | 7.338 | 0.127 | 0.000 |
| 580 | 11.5 | 12.4710 | 0.2572 | -0.9710 | 7.338 | -0.132 | 0.000 |
| 581 | 6.9 | 12.4710 | 0.2572 | -5.5710 | 7.338 | -0.759 | 0.000 |
| 582 | 19.0 | 12.4710 | 0.2572 | 6.5290 | 7.338 | 0.890 | 0.000 |
| 583 | 20.8 | 12.4712 | 0.2572 | 8.3288 | 7.338 | 1.135 | 0.001 |
| 584 | 10.9 | 12.4712 | 0.2572 | -1.5712 | 7.338 | -0.214 | 0.000 |
| 585 | 11.3 | 12.4712 | 0.2572 | -1.1712 | 7.338 | -0.160 | 0.000 |
| 586 | 27.3 | 12.4713 | 0.2572 | 14.8287 | 7.338 | 2.021 | 0.003 |
| 587 | 8.1 | 12.4713 | 0.2573 | -4.3713 | 7.338 | -0.596 | 0.000 |
| 588 | 6.0 | 12.4717 | 0.2573 | -6.4717 | 7.338 | -0.882 | 0.000 |
| 589 | 19.2 | 12.4718 | 0.2573 | 6.7282 | 7.338 | 0.917 | 0.001 |
| 590 | 18.0 | 12.4719 | 0.2573 | 5.5281 | 7.338 | 0.753 | 0.000 |
| 591 | 24.8 | 12.4720 | 0.2573 | 12.3280 | 7.338 | 1.680 | 0.002 |
| 592 | 25.5 | 12.4720 | 0.2573 | 13.0280 | 7.338 | 1.775 | 0.002 |
| 593 | 7.5 | 12.4721 | 0.2573 | -4.9721 | 7.338 | -0.678 | 0.000 |
| 594 | 11.7 | 12.4721 | 0.2573 | -0.7721 | 7.338 | -0.105 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 595 | 61.6 | 12.4723 | 0.2574 | 49.1277 | 7.338 | 6.695 | 0.028 |
| 596 | 19.8 | 12.4724 | 0.2574 | 7.3276 | 7.338 | 0.999 | 0.001 |
| 597 | 14.0 | 12.4724 | 0.2574 | 1.5276 | 7.338 | 0.208 | 0.000 |
| 598 | 7.7 | 12.4724 | 0.2574 | -4.7724 | 7.338 | -0.650 | 0.000 |
| 599 | 8.2 | 12.4724 | 0.2574 | -4.2724 | 7.338 | -0.582 | 0.000 |
| 600 | 14.4 | 12.4725 | 0.2574 | 1.9275 | 7.338 | 0.263 | 0.000 |
| 601 | 10.2 | 12.4727 | 0.2574 | -2.2727 | 7.338 | -0.310 | 0.000 |
| 602 | 8.6 | 12.4729 | 0.2574 | -3.8729 | 7.338 | -0.528 | 0.000 |
| 603 | 15.1 | 12.4731 | 0.2575 | 2.6269 | 7.338 | 0.358 | 0.000 |
| 604 | 16.1 | 12.4731 | 0.2575 | 3.6269 | 7.338 | 0.494 | 0.000 |
| 605 | 31.3 | 12.4731 | 0.2575 | 18.8269 | 7.338 | 2.566 | 0.004 |
| 606 | 7.3 | 12.4732 | 0.2575 | -5.1732 | 7.338 | -0.705 | 0.000 |
| 607 | 15.4 | 12.4733 | 0.2575 | 2.9267 | 7.338 | 0.399 | 0.000 |
| 608 | 10.2 | 12.4733 | 0.2575 | -2.2733 | 7.338 | -0.310 | 0.000 |
| 609 | 9.8 | 12.4733 | 0.2575 | -2.6733 | 7.338 | -0.364 | 0.000 |
| 610 | 7.1 | 12.4733 | 0.2575 | -5.3733 | 7.338 | -0.732 | 0.000 |
| 611 | 23.2 | 12.4734 | 0.2575 | 10.7266 | 7.338 | 1.462 | 0.001 |
| 612 | 15.7 | 12.4734 | 0.2575 | 3.2266 | 7.338 | 0.440 | 0.000 |
| 613 | 8.9 | 12.4734 | 0.2575 | -3.5734 | 7.338 | -0.487 | 0.000 |
| 614 | 13.0 | 12.4735 | 0.2575 | 0.5265 | 7.338 | 0.072 | 0.000 |
| 615 | 13.9 | 12.4736 | 0.2575 | 1.4264 | 7.338 | 0.194 | 0.000 |
| 616 | 14.9 | 12.4737 | 0.2575 | 2.4263 | 7.338 | 0.331 | 0.000 |
| 617 | 18.0 | 12.4737 | 0.2575 | 5.5263 | 7.338 | 0.753 | 0.000 |
| 618 | 14.1 | 12.4737 | 0.2575 | 1.6263 | 7.338 | 0.222 | 0.000 |
| 619 | 4.7 | 12.4738 | 0.2575 | -7.7738 | 7.338 | -1.059 | 0.001 |
| 620 | 14.5 | 12.4739 | 0.2575 | 2.0261 | 7.338 | 0.276 | 0.000 |
| 621 | 10.0 | 12.4739 | 0.2575 | -2.4739 | 7.338 | -0.337 | 0.000 |
| 622 | 18.9 | 12.4739 | 0.2575 | 6.4261 | 7.338 | 0.876 | 0.000 |
| 623 | 30.8 | 12.4739 | 0.2575 | 18.3261 | 7.338 | 2.498 | 0.004 |
| 624 | 6.2 | 12.4739 | 0.2576 | -6.2739 | 7.338 | -0.855 | 0.000 |
| 625 | 17.8 | 12.4739 | 0.2576 | 5.3261 | 7.338 | 0.726 | 0.000 |
| 626 | 41.5 | 12.4739 | 0.2576 | 29.0261 | 7.338 | 3.956 | 0.010 |
| 627 | 9.7 | 12.4739 | 0.2576 | -2.7739 | 7.338 | -0.378 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 628 | 9.6 | 12.4740 | 0.2576 | -2.8740 | 7.338 | -0.392 | 0.000 |
| 629 | 11.1 | 12.4740 | 0.2576 | -1.3740 | 7.338 | -0.187 | 0.000 |
| 630 | 7.3 | 12.4740 | 0.2576 | -5.1740 | 7.338 | -0.705 | 0.000 |
| 631 | 8.9 | 12.4740 | 0.2576 | -3.5740 | 7.338 | -0.487 | 0.000 |
| 632 | 13.2 | 12.4741 | 0.2576 | 0.7259 | 7.338 | 0.099 | 0.000 |
| 633 | 11.0 | 12.4741 | 0.2576 | -1.4741 | 7.338 | -0.201 | 0.000 |
| 634 | 47.9 | 12.4741 | 0.2576 | 35.4259 | 7.338 | 4.828 | 0.014 |
| 635 | 17.8 | 12.4742 | 0.2576 | 5.3258 | 7.338 | 0.726 | 0.000 |
| 636 | 16.2 | 12.4742 | 0.2576 | 3.7258 | 7.338 | 0.508 | 0.000 |
| 637 | 7.3 | 12.4742 | 0.2576 | -5.1742 | 7.338 | -0.705 | 0.000 |
| 638 | 14.4 | 12.4743 | 0.2576 | 1.9257 | 7.338 | 0.262 | 0.000 |
| 639 | 1.7 | 12.4743 | 0.2576 | -10.7743 | 7.338 | -1.468 | 0.001 |
| 640 | 6.6 | 12.4743 | 0.2576 | -5.8743 | 7.338 | -0.801 | 0.000 |
| 641 | 5.9 | 12.4744 | 0.2576 | -6.5744 | 7.338 | -0.896 | 0.000 |
| 642 | 12.2 | 12.4744 | 0.2576 | -0.2744 | 7.338 | -0.037 | 0.000 |
| 643 | 8.1 | 12.4745 | 0.2576 | -4.3745 | 7.338 | -0.596 | 0.000 |
| 644 | 8.3 | 12.4746 | 0.2576 | -4.1746 | 7.338 | -0.569 | 0.000 |
| 645 | 14.6 | 12.4747 | 0.2576 | 2.1253 | 7.338 | 0.290 | 0.000 |
| 646 | 14.1 | 12.4747 | 0.2576 | 1.6253 | 7.338 | 0.221 | 0.000 |
| 647 | 18.7 | 12.4747 | 0.2576 | 6.2253 | 7.338 | 0.848 | 0.000 |
| 648 | 7.9 | 12.4748 | 0.2577 | -4.5748 | 7.338 | -0.623 | 0.000 |
| 649 | 7.0 | 12.4749 | 0.2577 | -5.4749 | 7.338 | -0.746 | 0.000 |
| 650 | 13.9 | 12.4749 | 0.2577 | 1.4251 | 7.338 | 0.194 | 0.000 |
| 651 | 11.8 | 12.4749 | 0.2577 | -0.6749 | 7.338 | -0.092 | 0.000 |
| 652 | 20.9 | 12.4749 | 0.2577 | 8.4251 | 7.338 | 1.148 | 0.001 |
| 653 | 7.2 | 12.4749 | 0.2577 | -5.2749 | 7.338 | -0.719 | 0.000 |
| 654 | 12.8 | 12.4749 | 0.2577 | 0.3251 | 7.338 | 0.044 | 0.000 |
| 655 | 25.9 | 12.4751 | 0.2577 | 13.4249 | 7.338 | 1.830 | 0.002 |
| 656 | 9.4 | 12.4751 | 0.2577 | -3.0751 | 7.338 | -0.419 | 0.000 |
| 657 | 9.4 | 12.4751 | 0.2577 | -3.0751 | 7.338 | -0.419 | 0.000 |
| 658 | 9.5 | 12.4751 | 0.2577 | -2.9751 | 7.338 | -0.405 | 0.000 |
| 659 | 11.7 | 12.4752 | 0.2577 | -0.7752 | 7.338 | -0.106 | 0.000 |
| 660 | 15.0 | 12.4752 | 0.2577 | 2.5248 | 7.338 | 0.344 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 661 | 13.5 | 12.4753 | 0.2577 | 1.0247 | 7.338 | 0.140 | 0.000 |
| 662 | 16.3 | 12.4753 | 0.2577 | 3.8247 | 7.338 | 0.521 | 0.000 |
| 663 | 11.5 | 12.4753 | 0.2577 | -0.9753 | 7.338 | -0.133 | 0.000 |
| 664 | 17.6 | 12.4754 | 0.2577 | 5.1246 | 7.338 | 0.698 | 0.000 |
| 665 | 14.0 | 12.4754 | 0.2577 | 1.5246 | 7.338 | 0.208 | 0.000 |
| 666 | 19.5 | 12.4754 | 0.2577 | 7.0246 | 7.338 | 0.957 | 0.001 |
| 667 | 19.1 | 12.4754 | 0.2577 | 6.6246 | 7.338 | 0.903 | 0.001 |
| 668 | 3.4 | 12.4754 | 0.2577 | -9.0754 | 7.338 | -1.237 | 0.001 |
| 669 | 15.9 | 12.4754 | 0.2577 | 3.4246 | 7.338 | 0.467 | 0.000 |
| 670 | 6.8 | 12.4754 | 0.2577 | -5.6754 | 7.338 | -0.773 | 0.000 |
| 671 | 17.5 | 12.4756 | 0.2577 | 5.0244 | 7.338 | 0.685 | 0.000 |
| 672 | 3.8 | 12.4756 | 0.2577 | -8.6756 | 7.338 | -1.182 | 0.001 |
| 673 | 26.4 | 12.4757 | 0.2578 | 13.9243 | 7.338 | 1.898 | 0.002 |
| 674 | 9.2 | 12.4758 | 0.2578 | -3.2758 | 7.338 | -0.446 | 0.000 |
| 675 | 7.3 | 12.4758 | 0.2578 | -5.1758 | 7.338 | -0.705 | 0.000 |
| 676 | 13.1 | 12.4758 | 0.2578 | 0.6242 | 7.338 | 0.085 | 0.000 |
| 677 | 8.1 | 12.4759 | 0.2578 | -4.3759 | 7.338 | -0.596 | 0.000 |
| 678 | 2.5 | 12.4760 | 0.2578 | -9.9760 | 7.338 | -1.360 | 0.001 |
| 679 | 38.1 | 12.4761 | 0.2578 | 25.6239 | 7.338 | 3.492 | 0.008 |
| 680 | 12.9 | 12.4761 | 0.2578 | 0.4239 | 7.338 | 0.058 | 0.000 |
| 681 | 11.6 | 12.4762 | 0.2578 | -0.8762 | 7.338 | -0.119 | 0.000 |
| 682 | 11.2 | 12.4762 | 0.2578 | -1.2762 | 7.338 | -0.174 | 0.000 |
| 683 | 26.9 | 12.4762 | 0.2578 | 14.4238 | 7.338 | 1.966 | 0.002 |
| 684 | 11.6 | 12.4762 | 0.2578 | -0.8762 | 7.338 | -0.119 | 0.000 |
| 685 | 6.2 | 12.4764 | 0.2578 | -6.2764 | 7.338 | -0.855 | 0.000 |
| 686 | 23.3 | 12.4764 | 0.2578 | 10.8236 | 7.338 | 1.475 | 0.001 |
| 687 | 5.8 | 12.4764 | 0.2578 | -6.6764 | 7.338 | -0.910 | 0.001 |
| 688 | 15.5 | 12.4765 | 0.2579 | 3.0235 | 7.338 | 0.412 | 0.000 |
| 689 | 7.1 | 12.4767 | 0.2579 | -5.3767 | 7.338 | -0.733 | 0.000 |
| 690 | 9.8 | 12.4767 | 0.2579 | -2.6767 | 7.338 | -0.365 | 0.000 |
| 691 | 11.1 | 12.4768 | 0.2579 | -1.3768 | 7.338 | -0.188 | 0.000 |
| 692 | 36.0 | 12.4768 | 0.2579 | 23.5232 | 7.338 | 3.206 | 0.006 |
| 693 | 5.0 | 12.4769 | 0.2579 | -7.4769 | 7.338 | -1.019 | 0.001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 694 | 20.3 | 12.4769 | 0.2579 | 7.8231 | 7.338 | 1.066 | 0.001 |
| 695 | 22.6 | 12.4770 | 0.2579 | 10.1230 | 7.338 | 1.380 | 0.001 |
| 696 | 14.2 | 12.4770 | 0.2579 | 1.7230 | 7.338 | 0.235 | 0.000 |
| 697 | 11.4 | 12.4771 | 0.2579 | -1.0771 | 7.338 | -0.147 | 0.000 |
| 698 | 15.0 | 12.4771 | 0.2579 | 2.5229 | 7.338 | 0.344 | 0.000 |
| 699 | 12.5 | 12.4772 | 0.2579 | 0.0228 | 7.338 | 0.003 | 0.000 |
| 700 | 5.8 | 12.4772 | 0.2579 | -6.6772 | 7.338 | -0.910 | 0.001 |
| 701 | 13.8 | 12.4772 | 0.2579 | 1.3228 | 7.338 | 0.180 | 0.000 |
| 702 | 8.7 | 12.4773 | 0.2580 | -3.7773 | 7.338 | -0.515 | 0.000 |
| 703 | 40.6 | 12.4773 | 0.2580 | 28.1227 | 7.338 | 3.833 | 0.009 |
| 704 | 6.2 | 12.4774 | 0.2580 | -6.2774 | 7.338 | -0.855 | 0.000 |
| 705 | 34.2 | 12.4774 | 0.2580 | 21.7226 | 7.338 | 2.960 | 0.005 |
| 706 | 12.1 | 12.4775 | 0.2580 | -0.3775 | 7.338 | -0.051 | 0.000 |
| 707 | 12.2 | 12.4775 | 0.2580 | -0.2775 | 7.338 | -0.038 | 0.000 |
| 708 | 15.7 | 12.4776 | 0.2580 | 3.2224 | 7.338 | 0.439 | 0.000 |
| 709 | 24.5 | 12.4776 | 0.2580 | 12.0224 | 7.338 | 1.638 | 0.002 |
| 710 | 10.7 | 12.4777 | 0.2580 | -1.7777 | 7.338 | -0.242 | 0.000 |
| 711 | 16.5 | 12.4777 | 0.2580 | 4.0223 | 7.338 | 0.548 | 0.000 |
| 712 | 17.7 | 12.4777 | 0.2580 | 5.2223 | 7.338 | 0.712 | 0.000 |
| 713 | 9.1 | 12.4777 | 0.2580 | -3.3777 | 7.338 | -0.460 | 0.000 |
| 714 | 22.7 | 12.4777 | 0.2580 | 10.2223 | 7.338 | 1.393 | 0.001 |
| 715 | 2.5 | 12.4778 | 0.2580 | -9.9778 | 7.338 | -1.360 | 0.001 |
| 716 | 20.6 | 12.4778 | 0.2580 | 8.1222 | 7.338 | 1.107 | 0.001 |
| 717 | 5.7 | 12.4778 | 0.2580 | -6.7778 | 7.338 | -0.924 | 0.001 |
| 718 | 27.9 | 12.4778 | 0.2580 | 15.4222 | 7.338 | 2.102 | 0.003 |
| 719 | 13.1 | 12.4778 | 0.2580 | 0.6222 | 7.338 | 0.085 | 0.000 |
| 720 | 7.3 | 12.4778 | 0.2580 | -5.1778 | 7.338 | -0.706 | 0.000 |
| 721 | 21.5 | 12.4778 | 0.2580 | 9.0222 | 7.338 | 1.230 | 0.001 |
| 722 | 27.6 | 12.4778 | 0.2580 | 15.1222 | 7.338 | 2.061 | 0.003 |
| 723 | 10.9 | 12.4779 | 0.2580 | -1.5779 | 7.338 | -0.215 | 0.000 |
| 724 | 14.7 | 12.4779 | 0.2580 | 2.2221 | 7.338 | 0.303 | 0.000 |
| 725 | 5.0 | 12.4780 | 0.2580 | -7.4780 | 7.338 | -1.019 | 0.001 |
| 726 | 13.5 | 12.4780 | 0.2580 | 1.0220 | 7.338 | 0.139 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 727 | 9.5 | 12.4780 | 0.2580 | -2.9780 | 7.338 | -0.406 | 0.000 |
| 728 | 13.7 | 12.4781 | 0.2581 | 1.2219 | 7.338 | 0.167 | 0.000 |
| 729 | 11.9 | 12.4782 | 0.2581 | -0.5782 | 7.338 | -0.079 | 0.000 |
| 730 | 36.5 | 12.4782 | 0.2581 | 24.0218 | 7.338 | 3.274 | 0.007 |
| 731 | 16.0 | 12.4782 | 0.2581 | 3.5218 | 7.338 | 0.480 | 0.000 |
| 732 | 12.7 | 12.4783 | 0.2581 | 0.2217 | 7.338 | 0.030 | 0.000 |
| 733 | 13.0 | 12.4783 | 0.2581 | 0.5217 | 7.338 | 0.071 | 0.000 |
| 734 | 5.7 | 12.4783 | 0.2581 | -6.7783 | 7.338 | -0.924 | 0.001 |
| 735 | 16.8 | 12.4783 | 0.2581 | 4.3217 | 7.338 | 0.589 | 0.000 |
| 736 | 57.0 | 12.4784 | 0.2581 | 44.5216 | 7.338 | 6.067 | 0.023 |
| 737 | 9.4 | 12.4784 | 0.2581 | -3.0784 | 7.338 | -0.420 | 0.000 |
| 738 | 8.7 | 12.4785 | 0.2581 | -3.7785 | 7.338 | -0.515 | 0.000 |
| 739 | 9.3 | 12.4785 | 0.2581 | -3.1785 | 7.338 | -0.433 | 0.000 |
| 740 | 8.6 | 12.4785 | 0.2581 | -3.8785 | 7.338 | -0.529 | 0.000 |
| 741 | 7.7 | 12.4785 | 0.2581 | -4.7785 | 7.338 | -0.651 | 0.000 |
| 742 | 4.6 | 12.4786 | 0.2581 | -7.8786 | 7.338 | -1.074 | 0.001 |
| 743 | 11.1 | 12.4786 | 0.2581 | -1.3786 | 7.338 | -0.188 | 0.000 |
| 744 | 12.9 | 12.4786 | 0.2581 | 0.4214 | 7.338 | 0.057 | 0.000 |
| 745 | 15.3 | 12.4786 | 0.2581 | 2.8214 | 7.338 | 0.384 | 0.000 |
| 746 | 20.1 | 12.4786 | 0.2581 | 7.6214 | 7.338 | 1.039 | 0.001 |
| 747 | 14.6 | 12.4787 | 0.2581 | 2.1213 | 7.338 | 0.289 | 0.000 |
| 748 | 23.3 | 12.4787 | 0.2581 | 10.8213 | 7.338 | 1.475 | 0.001 |
| 749 | 17.9 | 12.4788 | 0.2581 | 5.4212 | 7.338 | 0.739 | 0.000 |
| 750 | 5.4 | 12.4788 | 0.2581 | -7.0788 | 7.338 | -0.965 | 0.001 |
| 751 | 25.5 | 12.4788 | 0.2581 | 13.0212 | 7.338 | 1.775 | 0.002 |
| 752 | 9.3 | 12.4788 | 0.2581 | -3.1788 | 7.338 | -0.433 | 0.000 |
| 753 | 25.9 | 12.4789 | 0.2581 | 13.4211 | 7.338 | 1.829 | 0.002 |
| 754 | 13.7 | 12.4790 | 0.2582 | 1.2210 | 7.338 | 0.166 | 0.000 |
| 755 | 14.8 | 12.4791 | 0.2582 | 2.3209 | 7.338 | 0.316 | 0.000 |
| 756 | 8.4 | 12.4791 | 0.2582 | -4.0791 | 7.338 | -0.556 | 0.000 |
| 757 | 6.5 | 12.4791 | 0.2582 | -5.9791 | 7.338 | -0.815 | 0.000 |
| 758 | 17.9 | 12.4792 | 0.2582 | 5.4208 | 7.338 | 0.739 | 0.000 |
| 759 | 22.6 | 12.4792 | 0.2582 | 10.1208 | 7.338 | 1.379 | 0.001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 760 | 4.4 | 12.4792 | 0.2582 | -8.0792 | 7.338 | -1.101 | 0.001 |
| 761 | 11.3 | 12.4792 | 0.2582 | -1.1792 | 7.338 | -0.161 | 0.000 |
| 762 | 15.8 | 12.4792 | 0.2582 | 3.3208 | 7.338 | 0.453 | 0.000 |
| 763 | 27.8 | 12.4793 | 0.2582 | 15.3207 | 7.338 | 2.088 | 0.003 |
| 764 | 15.6 | 12.4793 | 0.2582 | 3.1207 | 7.338 | 0.425 | 0.000 |
| 765 | 7.8 | 12.4793 | 0.2582 | -4.6793 | 7.338 | -0.638 | 0.000 |
| 766 | 27.7 | 12.4793 | 0.2582 | 15.2207 | 7.338 | 2.074 | 0.003 |
| 767 | 3.8 | 12.4794 | 0.2582 | -8.6794 | 7.338 | -1.183 | 0.001 |
| 768 | 3.7 | 12.4794 | 0.2582 | -8.7794 | 7.338 | -1.196 | 0.001 |
| 769 | 14.1 | 12.4794 | 0.2582 | 1.6206 | 7.338 | 0.221 | 0.000 |
| 770 | 13.2 | 12.4794 | 0.2582 | 0.7206 | 7.338 | 0.098 | 0.000 |
| 771 | 11.6 | 12.4795 | 0.2582 | -0.8795 | 7.338 | -0.120 | 0.000 |
| 772 | 62.9 | 12.4795 | 0.2582 | 50.4205 | 7.338 | 6.871 | 0.029 |
| 773 | 14.9 | 12.4795 | 0.2582 | 2.4205 | 7.338 | 0.330 | 0.000 |
| 774 | 20.0 | 12.4796 | 0.2582 | 7.5204 | 7.338 | 1.025 | 0.001 |
| 775 | 13.5 | 12.4796 | 0.2582 | 1.0204 | 7.338 | 0.139 | 0.000 |
| 776 | 14.3 | 12.4796 | 0.2582 | 1.8204 | 7.338 | 0.248 | 0.000 |
| 777 | 11.9 | 12.4796 | 0.2582 | -0.5796 | 7.338 | -0.079 | 0.000 |
| 778 | 8.0 | 12.4797 | 0.2582 | -4.4797 | 7.338 | -0.610 | 0.000 |
| 779 | 17.7 | 12.4797 | 0.2582 | 5.2203 | 7.338 | 0.711 | 0.000 |
| 780 | 19.5 | 12.4797 | 0.2582 | 7.0203 | 7.338 | 0.957 | 0.001 |
| 781 | 8.4 | 12.4797 | 0.2582 | -4.0797 | 7.338 | -0.556 | 0.000 |
| 782 | 19.9 | 12.4797 | 0.2582 | 7.4203 | 7.338 | 1.011 | 0.001 |
| 783 | 33.0 | 12.4798 | 0.2583 | 20.5202 | 7.338 | 2.797 | 0.005 |
| 784 | 10.9 | 12.4798 | 0.2583 | -1.5798 | 7.338 | -0.215 | 0.000 |
| 785 | 8.5 | 12.4798 | 0.2583 | -3.9798 | 7.338 | -0.542 | 0.000 |
| 786 | 13.8 | 12.4799 | 0.2583 | 1.3201 | 7.338 | 0.180 | 0.000 |
| 787 | 6.8 | 12.4799 | 0.2583 | -5.6799 | 7.338 | -0.774 | 0.000 |
| 788 | 8.2 | 12.4799 | 0.2583 | -4.2799 | 7.338 | -0.583 | 0.000 |
| 789 | 6.5 | 12.4799 | 0.2583 | -5.9799 | 7.338 | -0.815 | 0.000 |
| 790 | 7.4 | 12.4800 | 0.2583 | -5.0800 | 7.338 | -0.692 | 0.000 |
| 791 | 7.2 | 12.4800 | 0.2583 | -5.2800 | 7.338 | -0.720 | 0.000 |
| 792 | 11.3 | 12.4800 | 0.2583 | -1.1800 | 7.338 | -0.161 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

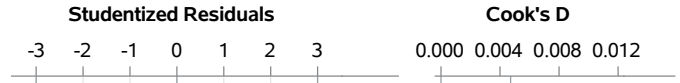
| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 793 | 16.1 | 12.4801 | 0.2583 | 3.6199 | 7.338 | 0.493 | 0.000 |
| 794 | 9.3 | 12.4801 | 0.2583 | -3.1801 | 7.338 | -0.433 | 0.000 |
| 795 | 11.4 | 12.4801 | 0.2583 | -1.0801 | 7.338 | -0.147 | 0.000 |
| 796 | 3.3 | 12.4801 | 0.2583 | -9.1801 | 7.338 | -1.251 | 0.001 |
| 797 | 13.1 | 12.4801 | 0.2583 | 0.6199 | 7.338 | 0.084 | 0.000 |
| 798 | 14.8 | 12.4801 | 0.2583 | 2.3199 | 7.338 | 0.316 | 0.000 |
| 799 | 20.1 | 12.4802 | 0.2583 | 7.6198 | 7.338 | 1.038 | 0.001 |
| 800 | 16.5 | 12.4802 | 0.2583 | 4.0198 | 7.338 | 0.548 | 0.000 |
| 801 | 11.4 | 12.4802 | 0.2583 | -1.0802 | 7.338 | -0.147 | 0.000 |
| 802 | 9.1 | 12.4802 | 0.2583 | -3.3802 | 7.338 | -0.461 | 0.000 |
| 803 | 11.4 | 12.4804 | 0.2583 | -1.0804 | 7.338 | -0.147 | 0.000 |
| 804 | 15.8 | 12.4804 | 0.2583 | 3.3196 | 7.338 | 0.452 | 0.000 |
| 805 | 6.0 | 12.4804 | 0.2583 | -6.4804 | 7.338 | -0.883 | 0.000 |
| 806 | 16.0 | 12.4804 | 0.2583 | 3.5196 | 7.338 | 0.480 | 0.000 |
| 807 | 17.1 | 12.4805 | 0.2583 | 4.6195 | 7.338 | 0.630 | 0.000 |
| 808 | 10.1 | 12.4805 | 0.2583 | -2.3805 | 7.338 | -0.324 | 0.000 |
| 809 | 10.1 | 12.4805 | 0.2583 | -2.3805 | 7.338 | -0.324 | 0.000 |
| 810 | 12.2 | 12.4805 | 0.2583 | -0.2805 | 7.338 | -0.038 | 0.000 |
| 811 | 16.9 | 12.4805 | 0.2583 | 4.4195 | 7.338 | 0.602 | 0.000 |
| 812 | 14.8 | 12.4806 | 0.2583 | 2.3194 | 7.338 | 0.316 | 0.000 |
| 813 | 35.7 | 12.4806 | 0.2583 | 23.2194 | 7.338 | 3.164 | 0.006 |
| 814 | 6.4 | 12.4806 | 0.2584 | -6.0806 | 7.338 | -0.829 | 0.000 |
| 815 | 22.3 | 12.4807 | 0.2584 | 9.8193 | 7.338 | 1.338 | 0.001 |
| 816 | 11.5 | 12.4807 | 0.2584 | -0.9807 | 7.338 | -0.134 | 0.000 |
| 817 | 7.0 | 12.4807 | 0.2584 | -5.4807 | 7.338 | -0.747 | 0.000 |
| 818 | 25.2 | 12.4808 | 0.2584 | 12.7192 | 7.338 | 1.733 | 0.002 |
| 819 | 7.3 | 12.4808 | 0.2584 | -5.1808 | 7.338 | -0.706 | 0.000 |
| 820 | 1.7 | 12.4808 | 0.2584 | -10.7808 | 7.338 | -1.469 | 0.001 |
| 821 | 15.3 | 12.4808 | 0.2584 | 2.8192 | 7.338 | 0.384 | 0.000 |
| 822 | 10.5 | 12.4808 | 0.2584 | -1.9808 | 7.338 | -0.270 | 0.000 |
| 823 | 10.4 | 12.4808 | 0.2584 | -2.0808 | 7.338 | -0.284 | 0.000 |
| 824 | 9.2 | 12.4809 | 0.2584 | -3.2809 | 7.338 | -0.447 | 0.000 |
| 825 | 18.4 | 12.4809 | 0.2584 | 5.9191 | 7.338 | 0.807 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 826 | 21.6 | 12.4809 | 0.2584 | 9.1191 | 7.338 | 1.243 | 0.001 |
| 827 | 14.0 | 12.4809 | 0.2584 | 1.5191 | 7.338 | 0.207 | 0.000 |
| 828 | 25.1 | 12.4810 | 0.2584 | 12.6190 | 7.338 | 1.720 | 0.002 |
| 829 | 13.4 | 12.4810 | 0.2584 | 0.9190 | 7.338 | 0.125 | 0.000 |
| 830 | 29.6 | 12.4810 | 0.2584 | 17.1190 | 7.338 | 2.333 | 0.003 |
| 831 | 34.9 | 12.4810 | 0.2584 | 22.4190 | 7.338 | 3.055 | 0.006 |
| 832 | 6.8 | 12.4810 | 0.2584 | -5.6810 | 7.338 | -0.774 | 0.000 |
| 833 | 9.8 | 12.4810 | 0.2584 | -2.6810 | 7.338 | -0.365 | 0.000 |
| 834 | 6.6 | 12.4810 | 0.2584 | -5.8810 | 7.338 | -0.801 | 0.000 |
| 835 | 18.1 | 12.4810 | 0.2584 | 5.6190 | 7.338 | 0.766 | 0.000 |
| 836 | 11.6 | 12.4810 | 0.2584 | -0.8810 | 7.338 | -0.120 | 0.000 |
| 837 | 14.5 | 12.4811 | 0.2584 | 2.0189 | 7.338 | 0.275 | 0.000 |
| 838 | 17.8 | 12.4811 | 0.2584 | 5.3189 | 7.338 | 0.725 | 0.000 |
| 839 | 9.0 | 12.4811 | 0.2584 | -3.4811 | 7.338 | -0.474 | 0.000 |
| 840 | 11.5 | 12.4811 | 0.2584 | -0.9811 | 7.338 | -0.134 | 0.000 |
| 841 | 11.7 | 12.4811 | 0.2584 | -0.7811 | 7.338 | -0.106 | 0.000 |
| 842 | 6.8 | 12.4812 | 0.2584 | -5.6812 | 7.338 | -0.774 | 0.000 |
| 843 | 25.5 | 12.4812 | 0.2584 | 13.0188 | 7.338 | 1.774 | 0.002 |
| 844 | 39.9 | 12.4813 | 0.2584 | 27.4187 | 7.338 | 3.737 | 0.009 |
| 845 | 12.1 | 12.4813 | 0.2584 | -0.3813 | 7.338 | -0.052 | 0.000 |
| 846 | 15.0 | 12.4813 | 0.2584 | 2.5187 | 7.338 | 0.343 | 0.000 |
| 847 | 7.7 | 12.4813 | 0.2584 | -4.7813 | 7.338 | -0.652 | 0.000 |
| 848 | 15.0 | 12.4814 | 0.2585 | 2.5186 | 7.338 | 0.343 | 0.000 |

**The REG Procedure**
**Model: MODEL1**
**Dependent Variable: pct_over**

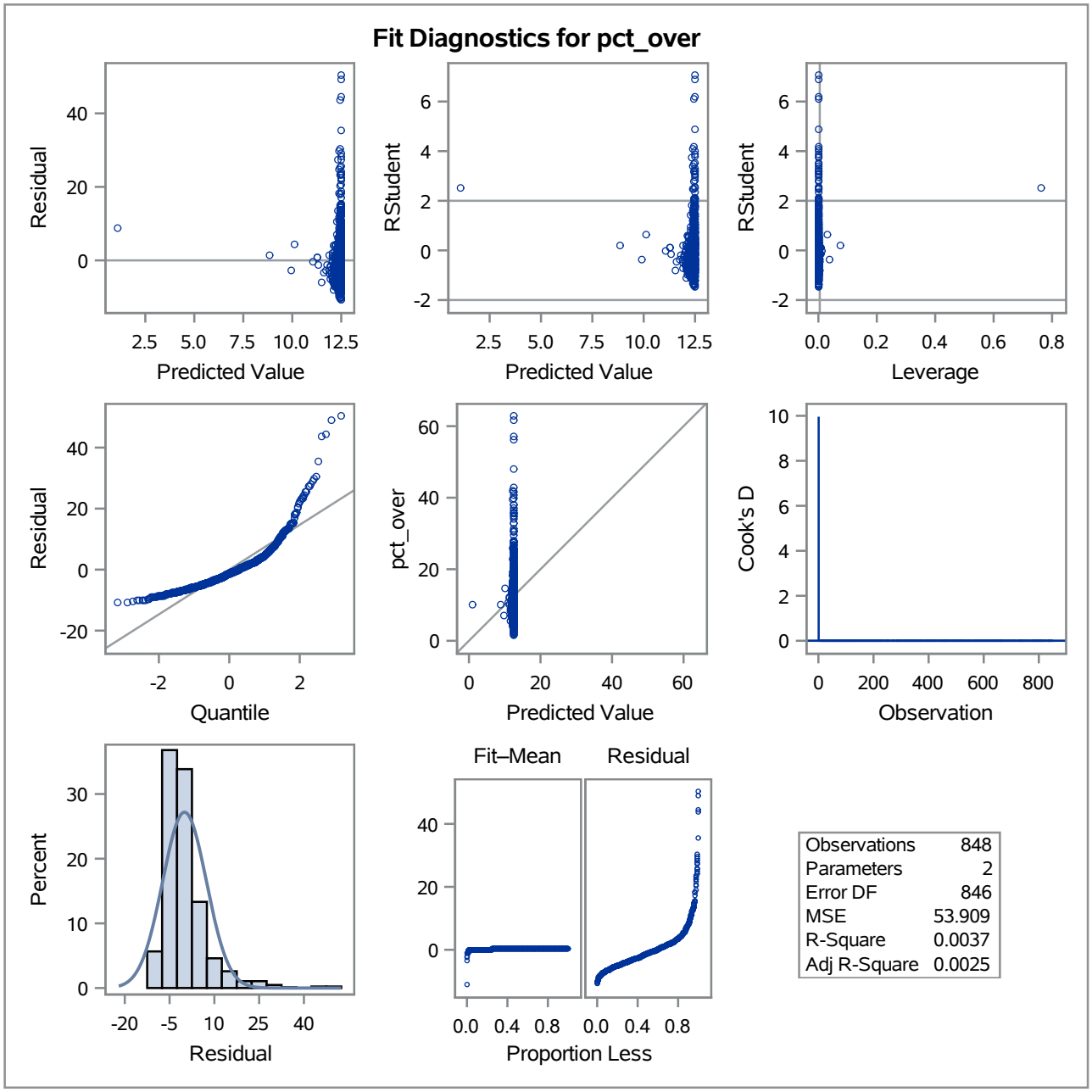
## Studentized Residuals and Cook's D for pct_over



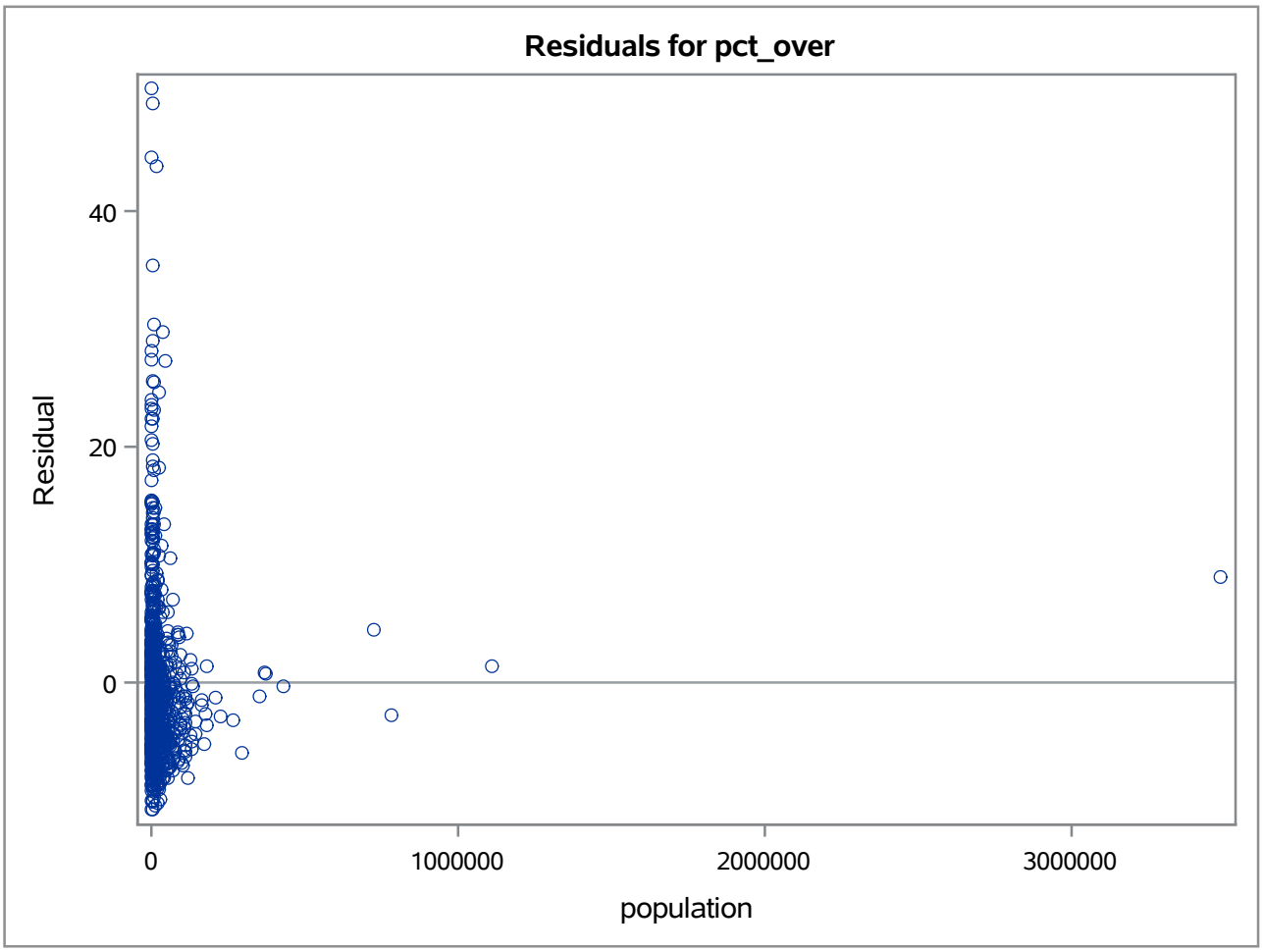

| Obs | Studentized Residuals | Cook's D |
|---|---|---|
| 1 | 2.493 | 9.960 |
| 2 | 0.191 | 0.001 |
| 3 | -0.378 | 0.003 |
| 4 | 0.621 | 0.006 |
| 5 | -0.038 | 0.000 |
| 6 | 0.100 | 0.000 |
| 7 | 0.113 | 0.000 |
| 8 | -0.167 | 0.000 |
| 9 | -0.809 | 0.002 |
| 10 | -0.439 | 0.000 |
| 11 | -0.388 | 0.000 |
| 12 | -0.177 | 0.000 |
| 13 | -0.490 | 0.000 |
| 14 | 0.192 | 0.000 |
| 15 | -0.370 | 0.000 |
| 16 | -0.711 | 0.001 |
| 17 | -0.197 | 0.000 |
| 18 | -0.266 | 0.000 |
| 19 | -0.452 | 0.000 |
| 20 | -0.589 | 0.000 |
| 21 | -0.047 | 0.000 |
| 22 | -0.770 | 0.001 |
| 23 | -0.020 | 0.000 |
| 24 | -0.689 | 0.000 |
| 25 | 0.156 | 0.000 |
| 26 | 0.264 | 0.000 |
| 27 | -0.609 | 0.000 |
| 28 | -1.104 | 0.001 |
| 29 | -0.232 | 0.000 |
| 30 | -0.260 | 0.000 |
| 31 | 0.571 | 0.000 |
| 32 | -0.194 | 0.000 |
| 33 | -0.357 | 0.000 |
| 34 | -0.466 | 0.000 |
| 35 | -0.794 | 0.000 |
| 36 | -0.862 | 0.001 |
| 37 | -0.726 | 0.000 |
| 38 | -0.167 | 0.000 |
| 39 | -0.522 | 0.000 |
| 40 | 0.119 | 0.000 |
| 41 | -0.345 | 0.000 |
| 42 | -0.782 | 0.000 |
| 43 | -0.428 | 0.000 |
| 44 | -0.157 | 0.000 |
| 45 | -0.961 | 0.001 |
| 46 | -0.935 | 0.001 |
| 47 | -0.581 | 0.000 |
| 48 | -0.541 | 0.000 |
| 49 | -0.473 | 0.000 |
| 50 | -0.487 | 0.000 |
| 51 | 0.316 | 0.000 |
| 52 | -0.297 | 0.000 |
| 53 | 0.043 | 0.000 |
| 54 | -0.229 | 0.000 |
| 55 | 0.520 | 0.000 |
| 56 | 0.166 | 0.000 |
| 57 | -0.884 | 0.001 |
| 58 | -0.176 | 0.000 |
| 59 | -0.913 | 0.001 |
| 60 | -0.122 | 0.000 |
| 61 | 0.586 | 0.000 |
| 62 | -0.668 | 0.000 |
| 63 | 0.545 | 0.000 |
| 64 | 0.558 | 0.000 |
| 65 | -0.574 | 0.000 |
| 66 | 0.107 | 0.000 |
| 67 | -0.386 | 0.000 |
| 68 | 0.228 | 0.000 |
| 69 | -0.795 | 0.000 |
| 70 | -0.059 | 0.000 |
| 71 | -0.877 | 0.001 |
| 72 | -0.155 | 0.000 |
| 73 | -0.020 | 0.000 |
| 74 | -0.592 | 0.000 |
| 75 | -0.770 | 0.000 |
| 76 | -0.007 | 0.000 |
| 77 | -0.743 | 0.000 |
| 78 | -0.675 | 0.000 |
| 79 | -0.907 | 0.001 |
| 80 | -1.017 | 0.001 |
| 81 | -0.581 | 0.000 |
| 82 | 0.959 | 0.001 |
| 83 | -0.336 | 0.000 |
| 84 | 0.441 | 0.000 |
| 85 | 0.304 | 0.000 |
| 86 | -0.105 | 0.000 |
| 87 | -0.419 | 0.000 |
| 88 | 0.112 | 0.000 |
| 89 | -0.733 | 0.000 |
| 90 | -0.638 | 0.000 |
| 91 | -0.979 | 0.001 |
| 92 | 0.357 | 0.000 |
| 93 | -0.202 | 0.000 |
| 94 | -0.039 | 0.000 |
| 95 | 0.206 | 0.000 |
| 96 | 1.433 | 0.001 |
| 97 | -0.053 | 0.000 |
| 98 | -0.693 | 0.000 |
| 99 | -0.993 | 0.001 |

**The REG Procedure**
**Model: MODEL1**
**Dependent Variable: pct_over**

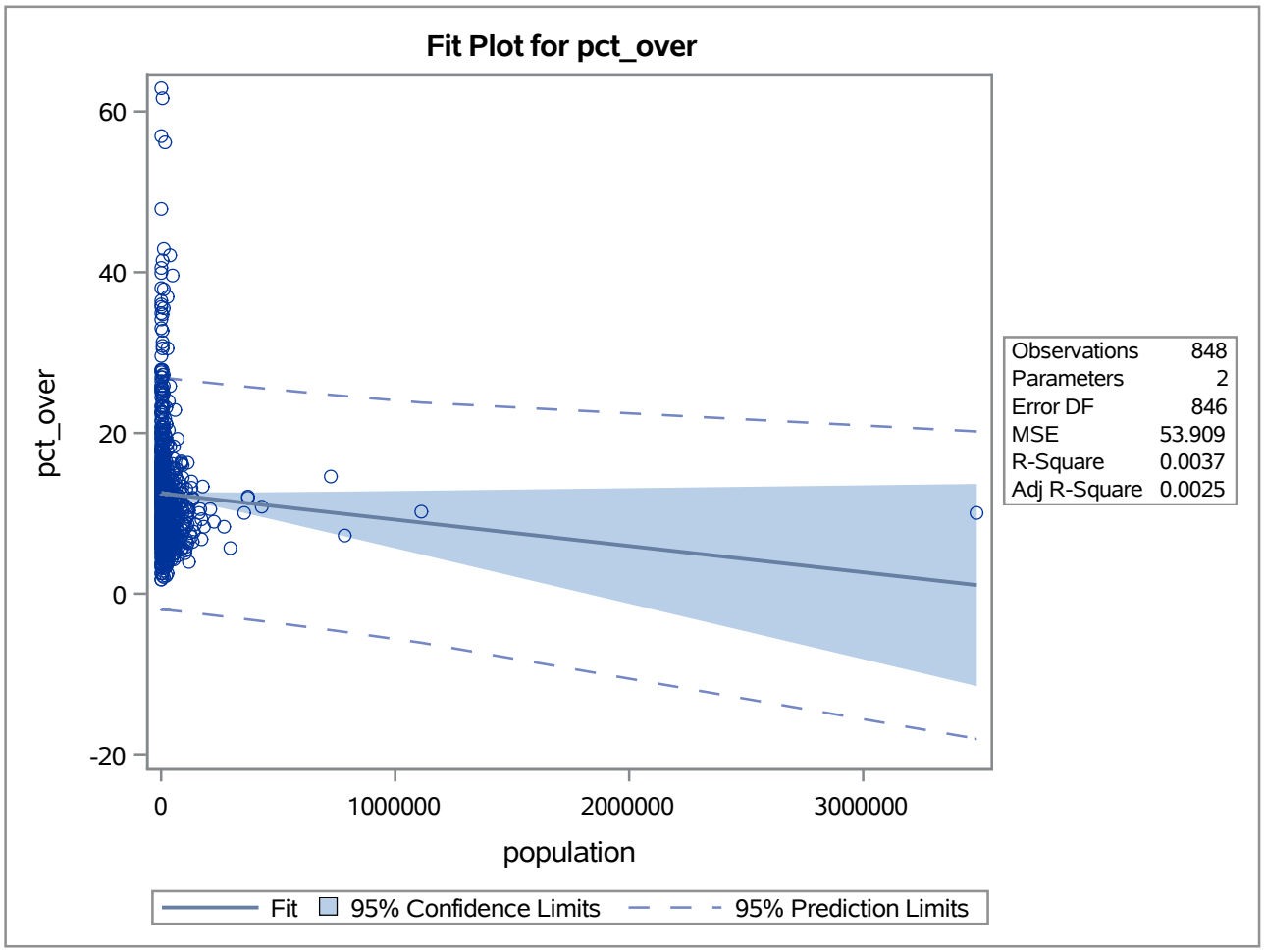
| | |
|---|---|
| **Sum of Residuals** | 0 |
| **Sum of Squared Residuals** | 45607 |
| **Predicted Residual SS (PRESS)** | 47051 |



**The REG Procedure**
**Model: MODEL1**



**The REG Procedure**
**Model: MODEL1**



## The UNIVARIATE Procedure
## Variable: pct_over

| Moments | | | |
|---|---|---|---|
| N | 848 | Sum Weights | 848 |
| Mean | 12.3811321 | Sum Observations | 10499.2 |
| Std Deviation | 7.35148092 | Variance | 54.0442717 |
| Skewness | 2.4553263 | Kurtosis | 9.8982142 |
| Uncorrected SS | 175767.48 | Corrected SS | 45775.4981 |
| Coeff Variation | 59.3764841 | Std Error Mean | 0.25245089 |

| Basic Statistical Measures | | | |
|---|---|---|---|
| Location | | Variability | |
| Mean | 12.38113 | Std Deviation | 7.35148 |
| Median | 11.00000 | Variance | 54.04427 |
| Mode | 9.60000 | Range | 61.20000 |
| | | Interquartile Range | 6.90000 |

| Tests for Location: Mu0=0 | | | | |
|---|---|---|---|---|
| Test | Statistic | | p Value | |
| Student's t | t | 49.04372 | Pr > \|t\| | <.0001 |
| Sign | M | 424 | Pr >= \|M\| | <.0001 |
| Signed Rank | S | 179988 | Pr >= \|S\| | <.0001 |

| Tests for Normality | | | | |
|---|---|---|---|---|
| Test | Statistic | | p Value | |
| Shapiro-Wilk | W | 0.808127 | Pr < W | <0.0001 |
| Kolmogorov-Smirnov | D | 0.137954 | Pr > D | <0.0100 |
| Cramer-von Mises | W-Sq | 5.433312 | Pr > W-Sq | <0.0050 |
| Anderson-Darling | A-Sq | 32.76035 | Pr > A-Sq | <0.0050 |

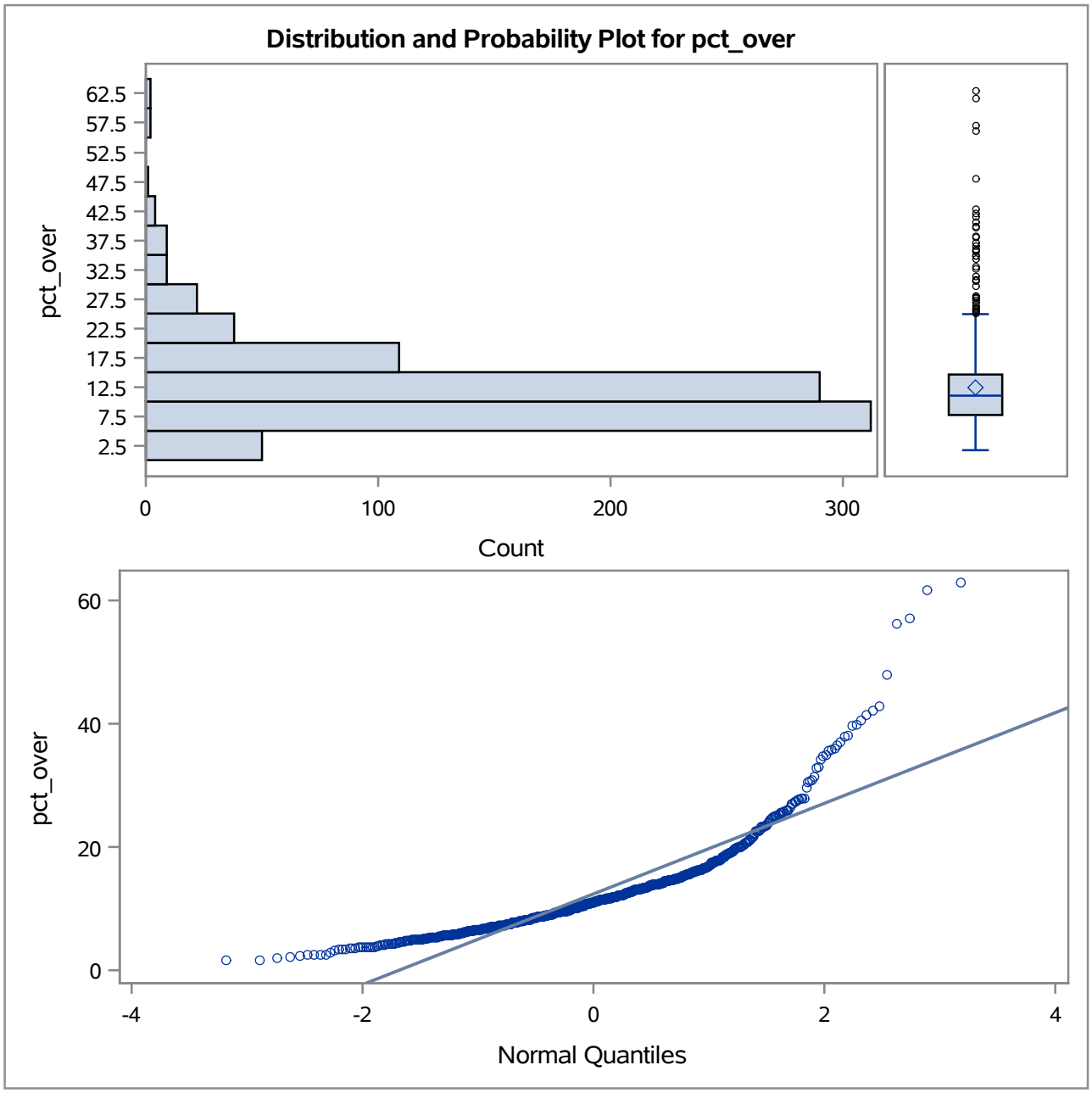
| Quantiles (Definition 5) | |
|---|---|
| Level | Quantile |
| 100% Max | 62.9 |
| 99% | 40.6 |
| 95% | 25.5 |
| 90% | 20.1 |
| 75% Q3 | 14.6 |
| 50% Median | 11.0 |
| 25% Q1 | 7.7 |

## The UNIVARIATE Procedure
## Variable: pct_over

| Quantiles (Definition 5) | |
|---|---|
| **Level** | **Quantile** |
| **10%** | 5.6 |
| **5%** | 4.7 |
| **1%** | 2.5 |
| **0% Min** | 1.7 |

| Extreme Observations | | | |
|---|---|---|---|
| **Lowest** | | **Highest** | |
| **Value** | **Obs** | **Value** | **Obs** |
| 1.7 | 820 | 47.9 | 634 |
| 1.7 | 639 | 56.2 | 320 |
| 2.0 | 366 | 57.0 | 736 |
| 2.2 | 276 | 61.6 | 595 |
| 2.3 | 549 | 62.9 | 772 |

## The UNIVARIATE Procedure



## The UNIVARIATE Procedure
## Variable: Log_population

| Moments | | | |
|---|---|---|---|
| N | 848 | Sum Weights | 848 |
| Mean | 9.205553 | Sum Observations | 7806.30895 |
| Std Deviation | 1.39824924 | Variance | 1.95510095 |
| Skewness | 0.4356817 | Kurtosis | -0.3395154 |
| Uncorrected SS | 73517.3613 | Corrected SS | 1655.9705 |
| Coeff Variation | 15.1891933 | Std Error Mean | 0.04801608 |

| Basic Statistical Measures | | | |
|---|---|---|---|
| Location | | Variability | |
| Mean | 9.205553 | Std Deviation | 1.39825 |
| Median | 9.029597 | Variance | 1.95510 |
| Mode | 7.042286 | Range | 8.14639 |
| | | Interquartile Range | 2.21204 |

**Note: The mode displayed is the smallest of 20 modes with a count of 2.**

| Tests for Location: Mu0=0 | | | | |
|---|---|---|---|---|
| Test | Statistic | | p Value | |
| Student's t | t | 191.7181 | Pr > \|t\| | <.0001 |
| Sign | M | 424 | Pr >= \|M\| | <.0001 |
| Signed Rank | S | 179988 | Pr >= \|S\| | <.0001 |

| Tests for Normality | | | | |
|---|---|---|---|---|
| Test | Statistic | | p Value | |
| Shapiro-Wilk | W | 0.968161 | Pr < W | <0.0001 |
| Kolmogorov-Smirnov | D | 0.059277 | Pr > D | <0.0100 |
| Cramer-von Mises | W-Sq | 1.025726 | Pr > W-Sq | <0.0050 |
| Anderson-Darling | A-Sq | 6.591434 | Pr > A-Sq | <0.0050 |

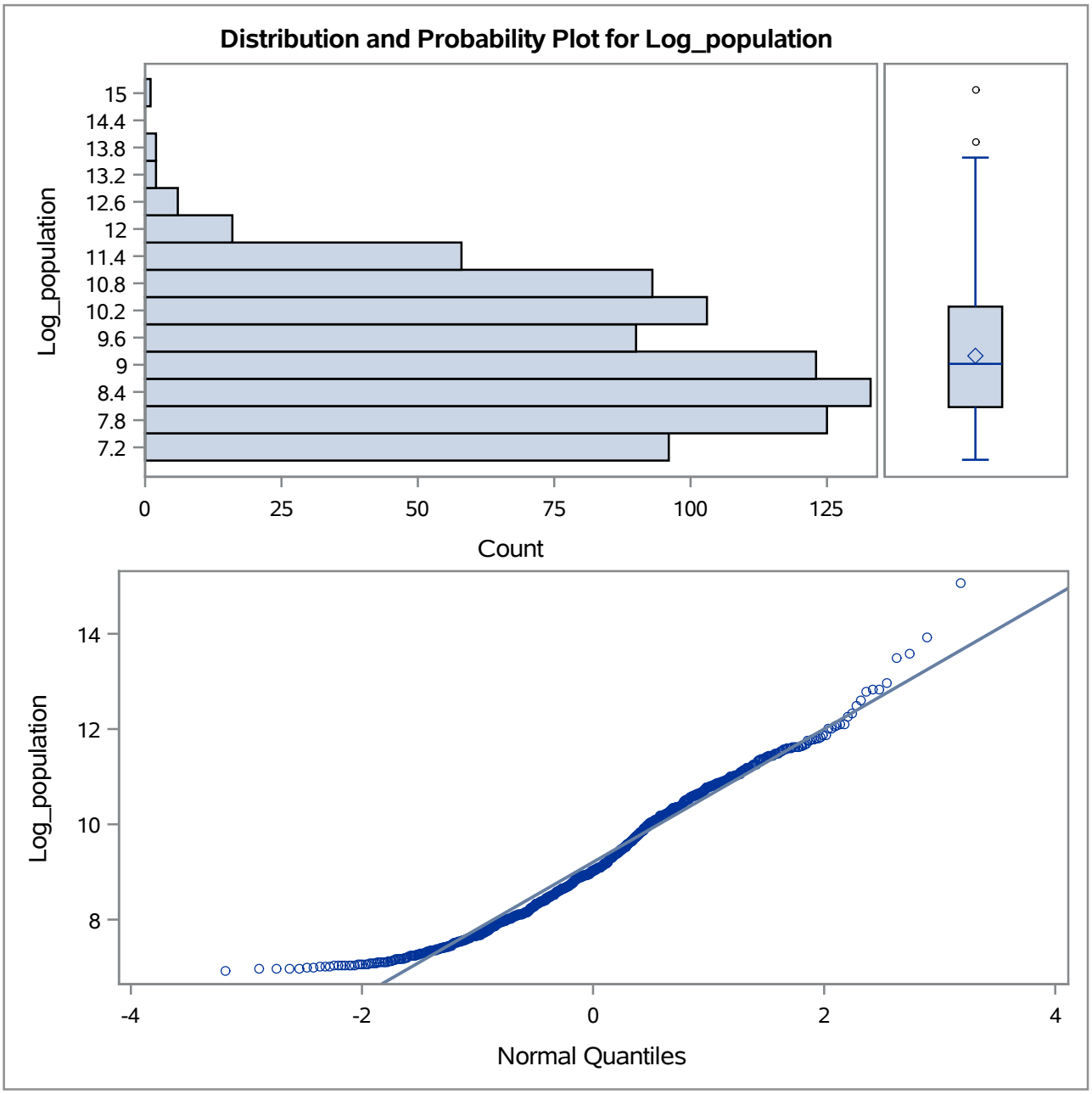
| Quantiles (Definition 5) | |
|---|---|
| Level | Quantile |
| 100% Max | 15.06409 |
| 99% | 12.59046 |
| 95% | 11.55553 |
| 90% | 11.10439 |
| 75% Q3 | 10.28949 |
| 50% Median | 9.02960 |

## The UNIVARIATE Procedure
## Variable: Log_population

| Quantiles (Definition 5) | |
|---|---|
| **Level** | **Quantile** |
| **25% Q1** | 8.07744 |
| **10%** | 7.41518 |
| **5%** | 7.18387 |
| **1%** | 7.01121 |
| **0% Min** | 6.91771 |

| Extreme Observations | | | |
|---|---|---|---|
| **Lowest** | | **Highest** | |
| **Value** | **Obs** | **Value** | **Obs** |
| 6.91771 | 848 | 12.9702 | 5 |
| 6.95655 | 847 | 13.4925 | 4 |
| 6.96319 | 846 | 13.5699 | 3 |
| 6.96414 | 845 | 13.9204 | 2 |
| 6.96508 | 844 | 15.0641 | 1 |

## The UNIVARIATE Procedure



## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| | |
|---|---|
| **Number of Observations Read** | 848 |
| **Number of Observations Used** | 848 |

| Analysis of Variance | | | | | |
|---|---|---|---|---|---|
| **Source** | **DF** | **Sum of Squares** | **Mean Square** | **F Value** | **Pr > F** |
| **Model** | 1 | 2313.34102 | 2313.34102 | 45.03 | <.0001 |
| **Error** | 846 | 43462 | 51.37371 | | |
| **Corrected Total** | 847 | 45775 | | | |

| | | | |
|---|---|---|---|
| **Root MSE** | 7.16755 | **R-Square** | 0.0505 |
| **Dependent Mean** | 12.38113 | **Adj R-Sq** | 0.0494 |
| **Coeff Var** | 57.89087 | | |

| Parameter Estimates | | | | | |
|---|---|---|---|---|---|
| **Variable** | **DF** | **Parameter Estimate** | **Standard Error** | **t Value** | **Pr > \|t\|** |
| **Intercept** | 1 | 23.26150 | 1.63999 | 14.18 | <.0001 |
| **Log_population** | 1 | -1.18193 | 0.17613 | -6.71 | <.0001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 1 | 10.0 | 5.4567 | 1.0608 | 4.5433 | 7.089 | 0.641 | 0.005 |
| 2 | 10.2 | 6.8085 | 0.8661 | 3.3915 | 7.115 | 0.477 | 0.002 |
| 3 | 7.2 | 7.2227 | 0.8072 | -0.0227 | 7.122 | -0.003 | 0.000 |
| 4 | 14.6 | 7.3143 | 0.7942 | 7.2857 | 7.123 | 1.023 | 0.007 |
| 5 | 10.8 | 7.9315 | 0.7073 | 2.8685 | 7.133 | 0.402 | 0.001 |
| 6 | 12.0 | 8.1005 | 0.6838 | 3.8995 | 7.135 | 0.547 | 0.001 |
| 7 | 12.1 | 8.1096 | 0.6825 | 3.9904 | 7.135 | 0.559 | 0.001 |
| 8 | 10.1 | 8.1592 | 0.6756 | 1.9408 | 7.136 | 0.272 | 0.000 |
| 9 | 5.6 | 8.3804 | 0.6450 | -2.7804 | 7.138 | -0.389 | 0.001 |
| 10 | 8.4 | 8.4958 | 0.6291 | -0.0958 | 7.140 | -0.013 | 0.000 |
| 11 | 8.9 | 8.6876 | 0.6029 | 0.2124 | 7.142 | 0.030 | 0.000 |
| 12 | 10.5 | 8.7718 | 0.5915 | 1.7282 | 7.143 | 0.242 | 0.000 |
| 13 | 8.3 | 8.9493 | 0.5676 | -0.6493 | 7.145 | -0.091 | 0.000 |
| 14 | 13.3 | 8.9590 | 0.5663 | 4.3410 | 7.145 | 0.608 | 0.001 |
| 15 | 9.2 | 8.9938 | 0.5616 | 0.2062 | 7.146 | 0.029 | 0.000 |
| 16 | 6.7 | 9.0038 | 0.5603 | -2.3038 | 7.146 | -0.322 | 0.000 |
| 17 | 10.5 | 9.0640 | 0.5522 | 1.4360 | 7.146 | 0.201 | 0.000 |
| 18 | 10.0 | 9.0681 | 0.5517 | 0.9319 | 7.146 | 0.130 | 0.000 |
| 19 | 8.7 | 9.2308 | 0.5301 | -0.5308 | 7.148 | -0.074 | 0.000 |
| 20 | 7.7 | 9.2377 | 0.5292 | -1.5377 | 7.148 | -0.215 | 0.000 |
| 21 | 11.7 | 9.2978 | 0.5213 | 2.4022 | 7.149 | 0.336 | 0.000 |
| 22 | 6.4 | 9.3153 | 0.5190 | -2.9153 | 7.149 | -0.408 | 0.000 |
| 23 | 11.9 | 9.3160 | 0.5189 | 2.5840 | 7.149 | 0.361 | 0.000 |
| 24 | 7.0 | 9.3283 | 0.5173 | -2.3283 | 7.149 | -0.326 | 0.000 |
| 25 | 13.2 | 9.3295 | 0.5171 | 3.8705 | 7.149 | 0.541 | 0.001 |
| 26 | 14.0 | 9.3585 | 0.5133 | 4.6415 | 7.149 | 0.649 | 0.001 |
| 27 | 7.6 | 9.3773 | 0.5108 | -1.7773 | 7.149 | -0.249 | 0.000 |
| 28 | 4.0 | 9.4506 | 0.5013 | -5.4506 | 7.150 | -0.762 | 0.001 |
| 29 | 10.4 | 9.4661 | 0.4993 | 0.9339 | 7.150 | 0.131 | 0.000 |
| 30 | 10.2 | 9.4976 | 0.4952 | 0.7024 | 7.150 | 0.098 | 0.000 |
| 31 | 16.3 | 9.5062 | 0.4941 | 6.7938 | 7.150 | 0.950 | 0.002 |
| 32 | 10.7 | 9.5253 | 0.4916 | 1.1747 | 7.151 | 0.164 | 0.000 |
| 33 | 9.5 | 9.5269 | 0.4914 | -0.0269 | 7.151 | -0.004 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 34 | 8.7 | 9.5343 | 0.4905 | -0.8343 | 7.151 | -0.117 | 0.000 |
| 35 | 6.3 | 9.5344 | 0.4905 | -3.2344 | 7.151 | -0.452 | 0.000 |
| 36 | 5.8 | 9.5378 | 0.4900 | -3.7378 | 7.151 | -0.523 | 0.001 |
| 37 | 6.8 | 9.5456 | 0.4890 | -2.7456 | 7.151 | -0.384 | 0.000 |
| 38 | 10.9 | 9.5500 | 0.4885 | 1.3500 | 7.151 | 0.189 | 0.000 |
| 39 | 8.3 | 9.5545 | 0.4879 | -1.2545 | 7.151 | -0.175 | 0.000 |
| 40 | 13.0 | 9.5561 | 0.4877 | 3.4439 | 7.151 | 0.482 | 0.001 |
| 41 | 9.6 | 9.5692 | 0.4860 | 0.0308 | 7.151 | 0.004 | 0.000 |
| 42 | 6.4 | 9.5828 | 0.4842 | -3.1828 | 7.151 | -0.445 | 0.000 |
| 43 | 9.0 | 9.6036 | 0.4816 | -0.6036 | 7.151 | -0.084 | 0.000 |
| 44 | 11.0 | 9.6222 | 0.4792 | 1.3778 | 7.152 | 0.193 | 0.000 |
| 45 | 5.1 | 9.6374 | 0.4772 | -4.5374 | 7.152 | -0.634 | 0.001 |
| 46 | 5.3 | 9.6514 | 0.4755 | -4.3514 | 7.152 | -0.608 | 0.001 |
| 47 | 7.9 | 9.6864 | 0.4710 | -1.7864 | 7.152 | -0.250 | 0.000 |
| 48 | 8.2 | 9.6978 | 0.4696 | -1.4978 | 7.152 | -0.209 | 0.000 |
| 49 | 8.7 | 9.7012 | 0.4691 | -1.0012 | 7.152 | -0.140 | 0.000 |
| 50 | 8.6 | 9.7236 | 0.4663 | -1.1236 | 7.152 | -0.157 | 0.000 |
| 51 | 14.5 | 9.7316 | 0.4653 | 4.7684 | 7.152 | 0.667 | 0.001 |
| 52 | 10.0 | 9.7320 | 0.4652 | 0.2680 | 7.152 | 0.037 | 0.000 |
| 53 | 12.5 | 9.7452 | 0.4636 | 2.7548 | 7.153 | 0.385 | 0.000 |
| 54 | 10.5 | 9.7485 | 0.4631 | 0.7515 | 7.153 | 0.105 | 0.000 |
| 55 | 16.0 | 9.7520 | 0.4627 | 6.2480 | 7.153 | 0.874 | 0.002 |
| 56 | 13.4 | 9.7597 | 0.4617 | 3.6403 | 7.153 | 0.509 | 0.001 |
| 57 | 5.7 | 9.7726 | 0.4601 | -4.0726 | 7.153 | -0.569 | 0.001 |
| 58 | 10.9 | 9.7958 | 0.4572 | 1.1042 | 7.153 | 0.154 | 0.000 |
| 59 | 5.5 | 9.8113 | 0.4552 | -4.3113 | 7.153 | -0.603 | 0.001 |
| 60 | 11.3 | 9.8128 | 0.4550 | 1.4872 | 7.153 | 0.208 | 0.000 |
| 61 | 16.5 | 9.8199 | 0.4542 | 6.6801 | 7.153 | 0.934 | 0.002 |
| 62 | 7.3 | 9.8283 | 0.4531 | -2.5283 | 7.153 | -0.353 | 0.000 |
| 63 | 16.2 | 9.8381 | 0.4519 | 6.3619 | 7.153 | 0.889 | 0.002 |
| 64 | 16.3 | 9.8393 | 0.4517 | 6.4607 | 7.153 | 0.903 | 0.002 |
| 65 | 8.0 | 9.8601 | 0.4491 | -1.8601 | 7.153 | -0.260 | 0.000 |
| 66 | 13.0 | 9.8870 | 0.4458 | 3.1130 | 7.154 | 0.435 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 67 | 9.4 | 9.9458 | 0.4385 | -0.5458 | 7.154 | -0.076 | 0.000 |
| 68 | 13.9 | 9.9526 | 0.4377 | 3.9474 | 7.154 | 0.552 | 0.001 |
| 69 | 6.4 | 9.9596 | 0.4368 | -3.5596 | 7.154 | -0.498 | 0.000 |
| 70 | 11.8 | 9.9712 | 0.4354 | 1.8288 | 7.154 | 0.256 | 0.000 |
| 71 | 5.8 | 9.9769 | 0.4347 | -4.1769 | 7.154 | -0.584 | 0.001 |
| 72 | 11.1 | 9.9840 | 0.4338 | 1.1160 | 7.154 | 0.156 | 0.000 |
| 73 | 12.1 | 10.0170 | 0.4298 | 2.0830 | 7.155 | 0.291 | 0.000 |
| 74 | 7.9 | 10.0289 | 0.4283 | -2.1289 | 7.155 | -0.298 | 0.000 |
| 75 | 6.6 | 10.0359 | 0.4275 | -3.4359 | 7.155 | -0.480 | 0.000 |
| 76 | 12.2 | 10.0443 | 0.4264 | 2.1557 | 7.155 | 0.301 | 0.000 |
| 77 | 6.8 | 10.0508 | 0.4256 | -3.2508 | 7.155 | -0.454 | 0.000 |
| 78 | 7.3 | 10.0530 | 0.4254 | -2.7530 | 7.155 | -0.385 | 0.000 |
| 79 | 5.6 | 10.0869 | 0.4213 | -4.4869 | 7.155 | -0.627 | 0.001 |
| 80 | 4.8 | 10.0953 | 0.4203 | -5.2953 | 7.155 | -0.740 | 0.001 |
| 81 | 8.0 | 10.0962 | 0.4201 | -2.0962 | 7.155 | -0.293 | 0.000 |
| 82 | 19.3 | 10.1059 | 0.4190 | 9.1941 | 7.155 | 1.285 | 0.003 |
| 83 | 9.8 | 10.1192 | 0.4174 | -0.3192 | 7.155 | -0.045 | 0.000 |
| 84 | 15.5 | 10.1336 | 0.4156 | 5.3664 | 7.155 | 0.750 | 0.001 |
| 85 | 14.5 | 10.1368 | 0.4153 | 4.3632 | 7.156 | 0.610 | 0.001 |
| 86 | 11.5 | 10.1438 | 0.4144 | 1.3562 | 7.156 | 0.190 | 0.000 |
| 87 | 9.2 | 10.1931 | 0.4085 | -0.9931 | 7.156 | -0.139 | 0.000 |
| 88 | 13.1 | 10.1977 | 0.4080 | 2.9023 | 7.156 | 0.406 | 0.000 |
| 89 | 6.9 | 10.2060 | 0.4070 | -3.3060 | 7.156 | -0.462 | 0.000 |
| 90 | 7.6 | 10.2153 | 0.4059 | -2.6153 | 7.156 | -0.365 | 0.000 |
| 91 | 5.1 | 10.2200 | 0.4053 | -5.1200 | 7.156 | -0.715 | 0.001 |
| 92 | 14.9 | 10.2220 | 0.4051 | 4.6780 | 7.156 | 0.654 | 0.001 |
| 93 | 10.8 | 10.2225 | 0.4050 | 0.5775 | 7.156 | 0.081 | 0.000 |
| 94 | 12.0 | 10.2327 | 0.4038 | 1.7673 | 7.156 | 0.247 | 0.000 |
| 95 | 13.8 | 10.2433 | 0.4026 | 3.5567 | 7.156 | 0.497 | 0.000 |
| 96 | 22.8 | 10.2466 | 0.4022 | 12.5534 | 7.156 | 1.754 | 0.005 |
| 97 | 11.9 | 10.2500 | 0.4018 | 1.6500 | 7.156 | 0.231 | 0.000 |
| 98 | 7.2 | 10.2544 | 0.4013 | -3.0544 | 7.156 | -0.427 | 0.000 |
| 99 | 5.0 | 10.2640 | 0.4002 | -5.2640 | 7.156 | -0.736 | 0.001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 100 | 11.9 | 10.2664 | 0.3999 | 1.6336 | 7.156 | 0.228 | 0.000 |
| 101 | 9.6 | 10.2741 | 0.3990 | -0.6741 | 7.156 | -0.094 | 0.000 |
| 102 | 5.5 | 10.3153 | 0.3942 | -4.8153 | 7.157 | -0.673 | 0.001 |
| 103 | 7.1 | 10.3237 | 0.3932 | -3.2237 | 7.157 | -0.450 | 0.000 |
| 104 | 9.0 | 10.3347 | 0.3919 | -1.3347 | 7.157 | -0.186 | 0.000 |
| 105 | 5.6 | 10.3379 | 0.3915 | -4.7379 | 7.157 | -0.662 | 0.001 |
| 106 | 15.5 | 10.3414 | 0.3911 | 5.1586 | 7.157 | 0.721 | 0.001 |
| 107 | 9.1 | 10.3523 | 0.3899 | -1.2523 | 7.157 | -0.175 | 0.000 |
| 108 | 8.4 | 10.3535 | 0.3897 | -1.9535 | 7.157 | -0.273 | 0.000 |
| 109 | 11.4 | 10.3755 | 0.3872 | 1.0245 | 7.157 | 0.143 | 0.000 |
| 110 | 9.4 | 10.3768 | 0.3870 | -0.9768 | 7.157 | -0.136 | 0.000 |
| 111 | 7.1 | 10.3875 | 0.3858 | -3.2875 | 7.157 | -0.459 | 0.000 |
| 112 | 7.3 | 10.3890 | 0.3856 | -3.0890 | 7.157 | -0.432 | 0.000 |
| 113 | 4.2 | 10.3895 | 0.3856 | -6.1895 | 7.157 | -0.865 | 0.001 |
| 114 | 5.7 | 10.3990 | 0.3845 | -4.6990 | 7.157 | -0.657 | 0.001 |
| 115 | 18.3 | 10.4059 | 0.3837 | 7.8941 | 7.157 | 1.103 | 0.002 |
| 116 | 8.3 | 10.4065 | 0.3836 | -2.1065 | 7.157 | -0.294 | 0.000 |
| 117 | 5.0 | 10.4173 | 0.3824 | -5.4173 | 7.157 | -0.757 | 0.001 |
| 118 | 7.7 | 10.4188 | 0.3822 | -2.7188 | 7.157 | -0.380 | 0.000 |
| 119 | 16.7 | 10.4200 | 0.3821 | 6.2800 | 7.157 | 0.877 | 0.001 |
| 120 | 15.7 | 10.4297 | 0.3810 | 5.2703 | 7.157 | 0.736 | 0.001 |
| 121 | 9.0 | 10.4351 | 0.3804 | -1.4351 | 7.157 | -0.201 | 0.000 |
| 122 | 10.7 | 10.4437 | 0.3794 | 0.2563 | 7.157 | 0.036 | 0.000 |
| 123 | 7.5 | 10.4570 | 0.3779 | -2.9570 | 7.158 | -0.413 | 0.000 |
| 124 | 4.9 | 10.4571 | 0.3779 | -5.5571 | 7.158 | -0.776 | 0.001 |
| 125 | 5.4 | 10.4602 | 0.3775 | -5.0602 | 7.158 | -0.707 | 0.001 |
| 126 | 11.3 | 10.4634 | 0.3772 | 0.8366 | 7.158 | 0.117 | 0.000 |
| 127 | 7.9 | 10.4656 | 0.3769 | -2.5656 | 7.158 | -0.358 | 0.000 |
| 128 | 10.9 | 10.4768 | 0.3757 | 0.4232 | 7.158 | 0.059 | 0.000 |
| 129 | 7.8 | 10.4848 | 0.3748 | -2.6848 | 7.158 | -0.375 | 0.000 |
| 130 | 10.1 | 10.4961 | 0.3735 | -0.3961 | 7.158 | -0.055 | 0.000 |
| 131 | 8.0 | 10.5036 | 0.3726 | -2.5036 | 7.158 | -0.350 | 0.000 |
| 132 | 13.7 | 10.5043 | 0.3726 | 3.1957 | 7.158 | 0.446 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 133 | 15.0 | 10.5063 | 0.3723 | 4.4937 | 7.158 | 0.628 | 0.001 |
| 134 | 13.9 | 10.5116 | 0.3718 | 3.3884 | 7.158 | 0.473 | 0.000 |
| 135 | 16.1 | 10.5144 | 0.3714 | 5.5856 | 7.158 | 0.780 | 0.001 |
| 136 | 10.6 | 10.5257 | 0.3702 | 0.0743 | 7.158 | 0.010 | 0.000 |
| 137 | 6.2 | 10.5297 | 0.3697 | -4.3297 | 7.158 | -0.605 | 0.000 |
| 138 | 9.8 | 10.5317 | 0.3695 | -0.7317 | 7.158 | -0.102 | 0.000 |
| 139 | 7.7 | 10.5323 | 0.3695 | -2.8323 | 7.158 | -0.396 | 0.000 |
| 140 | 39.6 | 10.5531 | 0.3671 | 29.0469 | 7.158 | 4.058 | 0.022 |
| 141 | 6.2 | 10.5664 | 0.3657 | -4.3664 | 7.158 | -0.610 | 0.000 |
| 142 | 9.9 | 10.5697 | 0.3653 | -0.6697 | 7.158 | -0.094 | 0.000 |
| 143 | 11.3 | 10.6061 | 0.3613 | 0.6939 | 7.158 | 0.097 | 0.000 |
| 144 | 6.9 | 10.6136 | 0.3605 | -3.7136 | 7.158 | -0.519 | 0.000 |
| 145 | 7.0 | 10.6374 | 0.3579 | -3.6374 | 7.159 | -0.508 | 0.000 |
| 146 | 10.8 | 10.6458 | 0.3570 | 0.1542 | 7.159 | 0.022 | 0.000 |
| 147 | 11.6 | 10.6464 | 0.3569 | 0.9536 | 7.159 | 0.133 | 0.000 |
| 148 | 11.9 | 10.6609 | 0.3554 | 1.2391 | 7.159 | 0.173 | 0.000 |
| 149 | 7.5 | 10.6610 | 0.3554 | -3.1610 | 7.159 | -0.442 | 0.000 |
| 150 | 6.8 | 10.6612 | 0.3554 | -3.8612 | 7.159 | -0.539 | 0.000 |
| 151 | 4.2 | 10.6693 | 0.3545 | -6.4693 | 7.159 | -0.904 | 0.001 |
| 152 | 12.5 | 10.6737 | 0.3540 | 1.8263 | 7.159 | 0.255 | 0.000 |
| 153 | 8.7 | 10.6763 | 0.3537 | -1.9763 | 7.159 | -0.276 | 0.000 |
| 154 | 12.2 | 10.6805 | 0.3533 | 1.5195 | 7.159 | 0.212 | 0.000 |
| 155 | 12.0 | 10.6889 | 0.3524 | 1.3111 | 7.159 | 0.183 | 0.000 |
| 156 | 6.9 | 10.6982 | 0.3514 | -3.7982 | 7.159 | -0.531 | 0.000 |
| 157 | 7.2 | 10.7003 | 0.3512 | -3.5003 | 7.159 | -0.489 | 0.000 |
| 158 | 13.0 | 10.7049 | 0.3507 | 2.2951 | 7.159 | 0.321 | 0.000 |
| 159 | 8.2 | 10.7143 | 0.3497 | -2.5143 | 7.159 | -0.351 | 0.000 |
| 160 | 11.6 | 10.7172 | 0.3494 | 0.8828 | 7.159 | 0.123 | 0.000 |
| 161 | 11.4 | 10.7237 | 0.3487 | 0.6763 | 7.159 | 0.094 | 0.000 |
| 162 | 8.8 | 10.7292 | 0.3481 | -1.9292 | 7.159 | -0.269 | 0.000 |
| 163 | 6.6 | 10.7307 | 0.3480 | -4.1307 | 7.159 | -0.577 | 0.000 |
| 164 | 25.8 | 10.7316 | 0.3479 | 15.0684 | 7.159 | 2.105 | 0.005 |
| 165 | 9.0 | 10.7346 | 0.3475 | -1.7346 | 7.159 | -0.242 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 166 | 11.2 | 10.7428 | 0.3467 | 0.4572 | 7.159 | 0.064 | 0.000 |
| 167 | 10.0 | 10.7545 | 0.3455 | -0.7545 | 7.159 | -0.105 | 0.000 |
| 168 | 14.7 | 10.7677 | 0.3441 | 3.9323 | 7.159 | 0.549 | 0.000 |
| 169 | 10.5 | 10.7681 | 0.3440 | -0.2681 | 7.159 | -0.037 | 0.000 |
| 170 | 5.4 | 10.7699 | 0.3439 | -5.3699 | 7.159 | -0.750 | 0.001 |
| 171 | 13.3 | 10.7732 | 0.3435 | 2.5268 | 7.159 | 0.353 | 0.000 |
| 172 | 5.3 | 10.8019 | 0.3405 | -5.5019 | 7.159 | -0.768 | 0.001 |
| 173 | 7.4 | 10.8079 | 0.3399 | -3.4079 | 7.159 | -0.476 | 0.000 |
| 174 | 8.5 | 10.8086 | 0.3399 | -2.3086 | 7.159 | -0.322 | 0.000 |
| 175 | 13.4 | 10.8253 | 0.3381 | 2.5747 | 7.160 | 0.360 | 0.000 |
| 176 | 6.0 | 10.8305 | 0.3376 | -4.8305 | 7.160 | -0.675 | 0.001 |
| 177 | 8.1 | 10.8357 | 0.3371 | -2.7357 | 7.160 | -0.382 | 0.000 |
| 178 | 7.5 | 10.8508 | 0.3355 | -3.3508 | 7.160 | -0.468 | 0.000 |
| 179 | 18.3 | 10.8576 | 0.3349 | 7.4424 | 7.160 | 1.039 | 0.001 |
| 180 | 42.1 | 10.8584 | 0.3348 | 31.2416 | 7.160 | 4.364 | 0.021 |
| 181 | 9.3 | 10.8599 | 0.3346 | -1.5599 | 7.160 | -0.218 | 0.000 |
| 182 | 10.8 | 10.8694 | 0.3337 | -0.0694 | 7.160 | -0.010 | 0.000 |
| 183 | 4.3 | 10.8846 | 0.3321 | -6.5846 | 7.160 | -0.920 | 0.001 |
| 184 | 6.6 | 10.9139 | 0.3292 | -4.3139 | 7.160 | -0.602 | 0.000 |
| 185 | 6.5 | 10.9164 | 0.3290 | -4.4164 | 7.160 | -0.617 | 0.000 |
| 186 | 8.1 | 10.9445 | 0.3262 | -2.8445 | 7.160 | -0.397 | 0.000 |
| 187 | 10.7 | 10.9555 | 0.3251 | -0.2555 | 7.160 | -0.036 | 0.000 |
| 188 | 9.3 | 10.9689 | 0.3238 | -1.6689 | 7.160 | -0.233 | 0.000 |
| 189 | 24.0 | 10.9707 | 0.3237 | 13.0293 | 7.160 | 1.820 | 0.003 |
| 190 | 9.6 | 10.9725 | 0.3235 | -1.3725 | 7.160 | -0.192 | 0.000 |
| 191 | 12.4 | 10.9823 | 0.3225 | 1.4177 | 7.160 | 0.198 | 0.000 |
| 192 | 9.4 | 10.9861 | 0.3222 | -1.5861 | 7.160 | -0.222 | 0.000 |
| 193 | 8.6 | 10.9984 | 0.3210 | -2.3984 | 7.160 | -0.335 | 0.000 |
| 194 | 20.3 | 11.0018 | 0.3207 | 9.2982 | 7.160 | 1.299 | 0.002 |
| 195 | 12.9 | 11.0024 | 0.3206 | 1.8976 | 7.160 | 0.265 | 0.000 |
| 196 | 10.0 | 11.0043 | 0.3204 | -1.0043 | 7.160 | -0.140 | 0.000 |
| 197 | 10.0 | 11.0046 | 0.3204 | -1.0046 | 7.160 | -0.140 | 0.000 |
| 198 | 9.0 | 11.0078 | 0.3201 | -2.0078 | 7.160 | -0.280 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 199 | 11.7 | 11.0161 | 0.3193 | 0.6839 | 7.160 | 0.096 | 0.000 |
| 200 | 7.7 | 11.0198 | 0.3190 | -3.3198 | 7.160 | -0.464 | 0.000 |
| 201 | 8.0 | 11.0237 | 0.3186 | -3.0237 | 7.160 | -0.422 | 0.000 |
| 202 | 8.4 | 11.0266 | 0.3183 | -2.6266 | 7.160 | -0.367 | 0.000 |
| 203 | 14.9 | 11.0344 | 0.3176 | 3.8656 | 7.161 | 0.540 | 0.000 |
| 204 | 12.6 | 11.0345 | 0.3176 | 1.5655 | 7.161 | 0.219 | 0.000 |
| 205 | 4.8 | 11.0366 | 0.3174 | -6.2366 | 7.161 | -0.871 | 0.001 |
| 206 | 11.0 | 11.0422 | 0.3169 | -0.0422 | 7.161 | -0.006 | 0.000 |
| 207 | 12.8 | 11.0422 | 0.3169 | 1.7578 | 7.161 | 0.245 | 0.000 |
| 208 | 10.6 | 11.0487 | 0.3162 | -0.4487 | 7.161 | -0.063 | 0.000 |
| 209 | 10.0 | 11.0578 | 0.3154 | -1.0578 | 7.161 | -0.148 | 0.000 |
| 210 | 13.9 | 11.0736 | 0.3139 | 2.8264 | 7.161 | 0.395 | 0.000 |
| 211 | 8.7 | 11.0848 | 0.3129 | -2.3848 | 7.161 | -0.333 | 0.000 |
| 212 | 12.8 | 11.0943 | 0.3120 | 1.7057 | 7.161 | 0.238 | 0.000 |
| 213 | 11.6 | 11.1057 | 0.3110 | 0.4943 | 7.161 | 0.069 | 0.000 |
| 214 | 3.9 | 11.1128 | 0.3103 | -7.2128 | 7.161 | -1.007 | 0.001 |
| 215 | 13.1 | 11.1212 | 0.3096 | 1.9788 | 7.161 | 0.276 | 0.000 |
| 216 | 7.8 | 11.1404 | 0.3078 | -3.3404 | 7.161 | -0.466 | 0.000 |
| 217 | 7.0 | 11.1511 | 0.3069 | -4.1511 | 7.161 | -0.580 | 0.000 |
| 218 | 13.6 | 11.1560 | 0.3065 | 2.4440 | 7.161 | 0.341 | 0.000 |
| 219 | 17.9 | 11.1568 | 0.3064 | 6.7432 | 7.161 | 0.942 | 0.001 |
| 220 | 4.5 | 11.1649 | 0.3057 | -6.6649 | 7.161 | -0.931 | 0.001 |
| 221 | 6.9 | 11.1702 | 0.3052 | -4.2702 | 7.161 | -0.596 | 0.000 |
| 222 | 2.5 | 11.1752 | 0.3048 | -8.6752 | 7.161 | -1.211 | 0.001 |
| 223 | 11.7 | 11.1825 | 0.3041 | 0.5175 | 7.161 | 0.072 | 0.000 |
| 224 | 12.7 | 11.1860 | 0.3038 | 1.5140 | 7.161 | 0.211 | 0.000 |
| 225 | 5.7 | 11.1871 | 0.3037 | -5.4871 | 7.161 | -0.766 | 0.001 |
| 226 | 6.3 | 11.1972 | 0.3028 | -4.8972 | 7.161 | -0.684 | 0.000 |
| 227 | 14.9 | 11.2004 | 0.3026 | 3.6996 | 7.161 | 0.517 | 0.000 |
| 228 | 10.1 | 11.2074 | 0.3020 | -1.1074 | 7.161 | -0.155 | 0.000 |
| 229 | 18.8 | 11.2103 | 0.3017 | 7.5897 | 7.161 | 1.060 | 0.001 |
| 230 | 13.4 | 11.2212 | 0.3008 | 2.1788 | 7.161 | 0.304 | 0.000 |
| 231 | 13.0 | 11.2218 | 0.3007 | 1.7782 | 7.161 | 0.248 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 232 | 6.1 | 11.2231 | 0.3006 | -5.1231 | 7.161 | -0.715 | 0.000 |
| 233 | 4.3 | 11.2265 | 0.3003 | -6.9265 | 7.161 | -0.967 | 0.001 |
| 234 | 8.5 | 11.2319 | 0.2999 | -2.7319 | 7.161 | -0.381 | 0.000 |
| 235 | 18.7 | 11.2324 | 0.2998 | 7.4676 | 7.161 | 1.043 | 0.001 |
| 236 | 9.6 | 11.2341 | 0.2997 | -1.6341 | 7.161 | -0.228 | 0.000 |
| 237 | 12.9 | 11.2378 | 0.2994 | 1.6622 | 7.161 | 0.232 | 0.000 |
| 238 | 15.5 | 11.2386 | 0.2993 | 4.2614 | 7.161 | 0.595 | 0.000 |
| 239 | 3.8 | 11.2694 | 0.2967 | -7.4694 | 7.161 | -1.043 | 0.001 |
| 240 | 30.6 | 11.2733 | 0.2964 | 19.3267 | 7.161 | 2.699 | 0.006 |
| 241 | 10.7 | 11.2850 | 0.2954 | -0.5850 | 7.161 | -0.082 | 0.000 |
| 242 | 37.0 | 11.2879 | 0.2952 | 25.7121 | 7.161 | 3.590 | 0.011 |
| 243 | 12.3 | 11.2896 | 0.2950 | 1.0104 | 7.161 | 0.141 | 0.000 |
| 244 | 8.0 | 11.3194 | 0.2926 | -3.3194 | 7.162 | -0.464 | 0.000 |
| 245 | 7.0 | 11.3228 | 0.2923 | -4.3228 | 7.162 | -0.604 | 0.000 |
| 246 | 11.7 | 11.3232 | 0.2923 | 0.3768 | 7.162 | 0.053 | 0.000 |
| 247 | 11.5 | 11.3246 | 0.2922 | 0.1754 | 7.162 | 0.024 | 0.000 |
| 248 | 10.3 | 11.3327 | 0.2915 | -1.0327 | 7.162 | -0.144 | 0.000 |
| 249 | 11.4 | 11.3345 | 0.2914 | 0.0655 | 7.162 | 0.009 | 0.000 |
| 250 | 13.8 | 11.3415 | 0.2908 | 2.4585 | 7.162 | 0.343 | 0.000 |
| 251 | 12.2 | 11.3439 | 0.2906 | 0.8561 | 7.162 | 0.120 | 0.000 |
| 252 | 7.6 | 11.3443 | 0.2906 | -3.7443 | 7.162 | -0.523 | 0.000 |
| 253 | 13.5 | 11.3656 | 0.2889 | 2.1344 | 7.162 | 0.298 | 0.000 |
| 254 | 5.6 | 11.3681 | 0.2887 | -5.7681 | 7.162 | -0.805 | 0.001 |
| 255 | 4.8 | 11.3756 | 0.2882 | -6.5756 | 7.162 | -0.918 | 0.001 |
| 256 | 23.2 | 11.3781 | 0.2880 | 11.8219 | 7.162 | 1.651 | 0.002 |
| 257 | 3.3 | 11.3793 | 0.2879 | -8.0793 | 7.162 | -1.128 | 0.001 |
| 258 | 13.9 | 11.3823 | 0.2876 | 2.5177 | 7.162 | 0.352 | 0.000 |
| 259 | 11.2 | 11.3840 | 0.2875 | -0.1840 | 7.162 | -0.026 | 0.000 |
| 260 | 21.2 | 11.3978 | 0.2865 | 9.8022 | 7.162 | 1.369 | 0.001 |
| 261 | 5.5 | 11.3987 | 0.2864 | -5.8987 | 7.162 | -0.824 | 0.001 |
| 262 | 4.0 | 11.4005 | 0.2863 | -7.4005 | 7.162 | -1.033 | 0.001 |
| 263 | 10.5 | 11.4033 | 0.2860 | -0.9033 | 7.162 | -0.126 | 0.000 |
| 264 | 3.7 | 11.4036 | 0.2860 | -7.7036 | 7.162 | -1.076 | 0.001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 265 | 3.5 | 11.4073 | 0.2857 | -7.9073 | 7.162 | -1.104 | 0.001 |
| 266 | 7.5 | 11.4128 | 0.2853 | -3.9128 | 7.162 | -0.546 | 0.000 |
| 267 | 6.7 | 11.4285 | 0.2841 | -4.7285 | 7.162 | -0.660 | 0.000 |
| 268 | 12.2 | 11.4385 | 0.2834 | 0.7615 | 7.162 | 0.106 | 0.000 |
| 269 | 8.4 | 11.4660 | 0.2814 | -3.0660 | 7.162 | -0.428 | 0.000 |
| 270 | 9.0 | 11.4723 | 0.2809 | -2.4723 | 7.162 | -0.345 | 0.000 |
| 271 | 9.6 | 11.4729 | 0.2809 | -1.8729 | 7.162 | -0.262 | 0.000 |
| 272 | 5.5 | 11.5070 | 0.2785 | -6.0070 | 7.162 | -0.839 | 0.001 |
| 273 | 11.4 | 11.5162 | 0.2778 | -0.1162 | 7.162 | -0.016 | 0.000 |
| 274 | 21.1 | 11.5230 | 0.2774 | 9.5770 | 7.162 | 1.337 | 0.001 |
| 275 | 19.4 | 11.5321 | 0.2767 | 7.8679 | 7.162 | 1.099 | 0.001 |
| 276 | 2.2 | 11.5331 | 0.2767 | -9.3331 | 7.162 | -1.303 | 0.001 |
| 277 | 3.8 | 11.5334 | 0.2767 | -7.7334 | 7.162 | -1.080 | 0.001 |
| 278 | 9.9 | 11.5375 | 0.2764 | -1.6375 | 7.162 | -0.229 | 0.000 |
| 279 | 5.5 | 11.5413 | 0.2761 | -6.0413 | 7.162 | -0.843 | 0.001 |
| 280 | 12.8 | 11.5478 | 0.2757 | 1.2522 | 7.162 | 0.175 | 0.000 |
| 281 | 16.5 | 11.5570 | 0.2751 | 4.9430 | 7.162 | 0.690 | 0.000 |
| 282 | 11.2 | 11.5933 | 0.2727 | -0.3933 | 7.162 | -0.055 | 0.000 |
| 283 | 13.5 | 11.5936 | 0.2727 | 1.9064 | 7.162 | 0.266 | 0.000 |
| 284 | 8.9 | 11.6037 | 0.2720 | -2.7037 | 7.162 | -0.377 | 0.000 |
| 285 | 9.2 | 11.6148 | 0.2713 | -2.4148 | 7.162 | -0.337 | 0.000 |
| 286 | 8.9 | 11.6216 | 0.2709 | -2.7216 | 7.162 | -0.380 | 0.000 |
| 287 | 6.1 | 11.6334 | 0.2702 | -5.5334 | 7.162 | -0.773 | 0.000 |
| 288 | 8.4 | 11.6399 | 0.2698 | -3.2399 | 7.162 | -0.452 | 0.000 |
| 289 | 14.1 | 11.6431 | 0.2696 | 2.4569 | 7.162 | 0.343 | 0.000 |
| 290 | 5.8 | 11.6564 | 0.2688 | -5.8564 | 7.163 | -0.818 | 0.000 |
| 291 | 8.5 | 11.6622 | 0.2684 | -3.1622 | 7.163 | -0.441 | 0.000 |
| 292 | 5.8 | 11.6665 | 0.2682 | -5.8665 | 7.163 | -0.819 | 0.000 |
| 293 | 3.8 | 11.6744 | 0.2677 | -7.8744 | 7.163 | -1.099 | 0.001 |
| 294 | 5.1 | 11.6930 | 0.2666 | -6.5930 | 7.163 | -0.920 | 0.001 |
| 295 | 15.6 | 11.7066 | 0.2659 | 3.8934 | 7.163 | 0.544 | 0.000 |
| 296 | 7.5 | 11.7152 | 0.2654 | -4.2152 | 7.163 | -0.588 | 0.000 |
| 297 | 9.8 | 11.7167 | 0.2653 | -1.9167 | 7.163 | -0.268 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 298 | 7.8 | 11.7172 | 0.2653 | -3.9172 | 7.163 | -0.547 | 0.000 |
| 299 | 13.9 | 11.7208 | 0.2651 | 2.1792 | 7.163 | 0.304 | 0.000 |
| 300 | 6.9 | 11.7390 | 0.2641 | -4.8390 | 7.163 | -0.676 | 0.000 |
| 301 | 11.3 | 11.7505 | 0.2635 | -0.4505 | 7.163 | -0.063 | 0.000 |
| 302 | 4.9 | 11.7556 | 0.2632 | -6.8556 | 7.163 | -0.957 | 0.001 |
| 303 | 10.4 | 11.7596 | 0.2630 | -1.3596 | 7.163 | -0.190 | 0.000 |
| 304 | 4.5 | 11.7603 | 0.2630 | -7.2603 | 7.163 | -1.014 | 0.001 |
| 305 | 16.3 | 11.7735 | 0.2623 | 4.5265 | 7.163 | 0.632 | 0.000 |
| 306 | 12.6 | 11.7772 | 0.2621 | 0.8228 | 7.163 | 0.115 | 0.000 |
| 307 | 13.0 | 11.7960 | 0.2611 | 1.2040 | 7.163 | 0.168 | 0.000 |
| 308 | 21.7 | 11.8045 | 0.2607 | 9.8955 | 7.163 | 1.382 | 0.001 |
| 309 | 19.0 | 11.8113 | 0.2604 | 7.1887 | 7.163 | 1.004 | 0.001 |
| 310 | 11.9 | 11.8309 | 0.2594 | 0.0691 | 7.163 | 0.010 | 0.000 |
| 311 | 11.8 | 11.8355 | 0.2592 | -0.0355 | 7.163 | -0.005 | 0.000 |
| 312 | 5.1 | 11.8359 | 0.2592 | -6.7359 | 7.163 | -0.940 | 0.001 |
| 313 | 11.6 | 11.8560 | 0.2583 | -0.2560 | 7.163 | -0.036 | 0.000 |
| 314 | 11.2 | 11.8602 | 0.2581 | -0.6602 | 7.163 | -0.092 | 0.000 |
| 315 | 5.4 | 11.8657 | 0.2578 | -6.4657 | 7.163 | -0.903 | 0.001 |
| 316 | 9.6 | 11.8788 | 0.2573 | -2.2788 | 7.163 | -0.318 | 0.000 |
| 317 | 14.2 | 11.8797 | 0.2572 | 2.3203 | 7.163 | 0.324 | 0.000 |
| 318 | 9.5 | 11.8808 | 0.2572 | -2.3808 | 7.163 | -0.332 | 0.000 |
| 319 | 8.1 | 11.8871 | 0.2569 | -3.7871 | 7.163 | -0.529 | 0.000 |
| 320 | 56.2 | 11.9018 | 0.2563 | 44.2982 | 7.163 | 6.184 | 0.024 |
| 321 | 12.4 | 11.9043 | 0.2562 | 0.4957 | 7.163 | 0.069 | 0.000 |
| 322 | 11.8 | 11.9155 | 0.2557 | -0.1155 | 7.163 | -0.016 | 0.000 |
| 323 | 6.4 | 11.9184 | 0.2556 | -5.5184 | 7.163 | -0.770 | 0.000 |
| 324 | 15.2 | 11.9283 | 0.2552 | 3.2717 | 7.163 | 0.457 | 0.000 |
| 325 | 12.7 | 11.9348 | 0.2550 | 0.7652 | 7.163 | 0.107 | 0.000 |
| 326 | 19.9 | 11.9463 | 0.2545 | 7.9537 | 7.163 | 1.110 | 0.001 |
| 327 | 17.2 | 11.9464 | 0.2545 | 5.2536 | 7.163 | 0.733 | 0.000 |
| 328 | 7.1 | 11.9584 | 0.2541 | -4.8584 | 7.163 | -0.678 | 0.000 |
| 329 | 6.4 | 11.9852 | 0.2531 | -5.5852 | 7.163 | -0.780 | 0.000 |
| 330 | 12.5 | 11.9993 | 0.2526 | 0.5007 | 7.163 | 0.070 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 331 | 6.5 | 12.0023 | 0.2525 | -5.5023 | 7.163 | -0.768 | 0.000 |
| 332 | 27.3 | 12.0033 | 0.2525 | 15.2967 | 7.163 | 2.135 | 0.003 |
| 333 | 12.0 | 12.0060 | 0.2524 | -0.005979 | 7.163 | -0.001 | 0.000 |
| 334 | 5.0 | 12.0087 | 0.2523 | -7.0087 | 7.163 | -0.978 | 0.001 |
| 335 | 6.5 | 12.0101 | 0.2523 | -5.5101 | 7.163 | -0.769 | 0.000 |
| 336 | 14.4 | 12.0197 | 0.2520 | 2.3803 | 7.163 | 0.332 | 0.000 |
| 337 | 12.7 | 12.0321 | 0.2516 | 0.6679 | 7.163 | 0.093 | 0.000 |
| 338 | 4.8 | 12.0327 | 0.2516 | -7.2327 | 7.163 | -1.010 | 0.001 |
| 339 | 7.7 | 12.0617 | 0.2507 | -4.3617 | 7.163 | -0.609 | 0.000 |
| 340 | 14.3 | 12.0619 | 0.2507 | 2.2381 | 7.163 | 0.312 | 0.000 |
| 341 | 8.3 | 12.0624 | 0.2507 | -3.7624 | 7.163 | -0.525 | 0.000 |
| 342 | 14.2 | 12.0688 | 0.2505 | 2.1312 | 7.163 | 0.298 | 0.000 |
| 343 | 15.5 | 12.0691 | 0.2505 | 3.4309 | 7.163 | 0.479 | 0.000 |
| 344 | 11.9 | 12.0890 | 0.2500 | -0.1890 | 7.163 | -0.026 | 0.000 |
| 345 | 13.9 | 12.0896 | 0.2499 | 1.8104 | 7.163 | 0.253 | 0.000 |
| 346 | 14.4 | 12.0964 | 0.2498 | 2.3036 | 7.163 | 0.322 | 0.000 |
| 347 | 10.0 | 12.1078 | 0.2495 | -2.1078 | 7.163 | -0.294 | 0.000 |
| 348 | 7.9 | 12.1201 | 0.2492 | -4.2201 | 7.163 | -0.589 | 0.000 |
| 349 | 16.3 | 12.1248 | 0.2491 | 4.1752 | 7.163 | 0.583 | 0.000 |
| 350 | 14.0 | 12.1285 | 0.2490 | 1.8715 | 7.163 | 0.261 | 0.000 |
| 351 | 9.0 | 12.1330 | 0.2489 | -3.1330 | 7.163 | -0.437 | 0.000 |
| 352 | 9.6 | 12.1390 | 0.2488 | -2.5390 | 7.163 | -0.354 | 0.000 |
| 353 | 9.7 | 12.1468 | 0.2486 | -2.4468 | 7.163 | -0.342 | 0.000 |
| 354 | 11.5 | 12.1608 | 0.2483 | -0.6608 | 7.163 | -0.092 | 0.000 |
| 355 | 14.6 | 12.1638 | 0.2483 | 2.4362 | 7.163 | 0.340 | 0.000 |
| 356 | 17.4 | 12.1639 | 0.2483 | 5.2361 | 7.163 | 0.731 | 0.000 |
| 357 | 10.5 | 12.1702 | 0.2481 | -1.6702 | 7.163 | -0.233 | 0.000 |
| 358 | 9.3 | 12.1777 | 0.2480 | -2.8777 | 7.163 | -0.402 | 0.000 |
| 359 | 24.9 | 12.1794 | 0.2480 | 12.7206 | 7.163 | 1.776 | 0.002 |
| 360 | 16.4 | 12.1830 | 0.2479 | 4.2170 | 7.163 | 0.589 | 0.000 |
| 361 | 12.9 | 12.1856 | 0.2479 | 0.7144 | 7.163 | 0.100 | 0.000 |
| 362 | 10.4 | 12.1923 | 0.2477 | -1.7923 | 7.163 | -0.250 | 0.000 |
| 363 | 14.5 | 12.1931 | 0.2477 | 2.3069 | 7.163 | 0.322 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 364 | 12.2 | 12.1944 | 0.2477 | 0.005641 | 7.163 | 0.001 | 0.000 |
| 365 | 7.4 | 12.2085 | 0.2475 | -4.8085 | 7.163 | -0.671 | 0.000 |
| 366 | 2.0 | 12.2216 | 0.2473 | -10.2216 | 7.163 | -1.427 | 0.001 |
| 367 | 9.6 | 12.2399 | 0.2470 | -2.6399 | 7.163 | -0.369 | 0.000 |
| 368 | 12.3 | 12.2534 | 0.2469 | 0.0466 | 7.163 | 0.007 | 0.000 |
| 369 | 20.7 | 12.2553 | 0.2468 | 8.4447 | 7.163 | 1.179 | 0.001 |
| 370 | 5.9 | 12.2643 | 0.2467 | -6.3643 | 7.163 | -0.888 | 0.000 |
| 371 | 9.3 | 12.2686 | 0.2467 | -2.9686 | 7.163 | -0.414 | 0.000 |
| 372 | 15.1 | 12.2887 | 0.2465 | 2.8113 | 7.163 | 0.392 | 0.000 |
| 373 | 9.5 | 12.2901 | 0.2465 | -2.7901 | 7.163 | -0.389 | 0.000 |
| 374 | 16.8 | 12.2992 | 0.2464 | 4.5008 | 7.163 | 0.628 | 0.000 |
| 375 | 14.6 | 12.3064 | 0.2464 | 2.2936 | 7.163 | 0.320 | 0.000 |
| 376 | 20.2 | 12.3075 | 0.2464 | 7.8925 | 7.163 | 1.102 | 0.001 |
| 377 | 15.8 | 12.3279 | 0.2463 | 3.4721 | 7.163 | 0.485 | 0.000 |
| 378 | 8.1 | 12.3290 | 0.2463 | -4.2290 | 7.163 | -0.590 | 0.000 |
| 379 | 21.0 | 12.3404 | 0.2462 | 8.6596 | 7.163 | 1.209 | 0.001 |
| 380 | 16.2 | 12.3554 | 0.2462 | 3.8446 | 7.163 | 0.537 | 0.000 |
| 381 | 17.4 | 12.3882 | 0.2461 | 5.0118 | 7.163 | 0.700 | 0.000 |
| 382 | 12.5 | 12.3931 | 0.2461 | 0.1069 | 7.163 | 0.015 | 0.000 |
| 383 | 3.9 | 12.3960 | 0.2461 | -8.4960 | 7.163 | -1.186 | 0.001 |
| 384 | 37.9 | 12.4020 | 0.2462 | 25.4980 | 7.163 | 3.560 | 0.007 |
| 385 | 4.7 | 12.4030 | 0.2462 | -7.7030 | 7.163 | -1.075 | 0.001 |
| 386 | 10.0 | 12.4069 | 0.2462 | -2.4069 | 7.163 | -0.336 | 0.000 |
| 387 | 12.0 | 12.4121 | 0.2462 | -0.4121 | 7.163 | -0.058 | 0.000 |
| 388 | 14.6 | 12.4133 | 0.2462 | 2.1867 | 7.163 | 0.305 | 0.000 |
| 389 | 25.9 | 12.4159 | 0.2462 | 13.4841 | 7.163 | 1.882 | 0.002 |
| 390 | 7.9 | 12.4205 | 0.2462 | -4.5205 | 7.163 | -0.631 | 0.000 |
| 391 | 8.2 | 12.4236 | 0.2462 | -4.2236 | 7.163 | -0.590 | 0.000 |
| 392 | 5.0 | 12.4385 | 0.2463 | -7.4385 | 7.163 | -1.038 | 0.001 |
| 393 | 8.1 | 12.4385 | 0.2463 | -4.3385 | 7.163 | -0.606 | 0.000 |
| 394 | 15.4 | 12.4400 | 0.2463 | 2.9600 | 7.163 | 0.413 | 0.000 |
| 395 | 9.9 | 12.4528 | 0.2464 | -2.5528 | 7.163 | -0.356 | 0.000 |
| 396 | 17.4 | 12.4581 | 0.2464 | 4.9419 | 7.163 | 0.690 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 397 | 7.5 | 12.4630 | 0.2464 | -4.9630 | 7.163 | -0.693 | 0.000 |
| 398 | 12.5 | 12.4756 | 0.2465 | 0.0244 | 7.163 | 0.003 | 0.000 |
| 399 | 13.5 | 12.4920 | 0.2467 | 1.0080 | 7.163 | 0.141 | 0.000 |
| 400 | 23.4 | 12.4937 | 0.2467 | 10.9063 | 7.163 | 1.523 | 0.001 |
| 401 | 9.6 | 12.4941 | 0.2467 | -2.8941 | 7.163 | -0.404 | 0.000 |
| 402 | 35.6 | 12.5017 | 0.2468 | 23.0983 | 7.163 | 3.225 | 0.006 |
| 403 | 15.4 | 12.5107 | 0.2469 | 2.8893 | 7.163 | 0.403 | 0.000 |
| 404 | 12.4 | 12.5147 | 0.2469 | -0.1147 | 7.163 | -0.016 | 0.000 |
| 405 | 9.3 | 12.5151 | 0.2469 | -3.2151 | 7.163 | -0.449 | 0.000 |
| 406 | 6.3 | 12.5173 | 0.2470 | -6.2173 | 7.163 | -0.868 | 0.000 |
| 407 | 5.3 | 12.5187 | 0.2470 | -7.2187 | 7.163 | -1.008 | 0.001 |
| 408 | 8.9 | 12.5188 | 0.2470 | -3.6188 | 7.163 | -0.505 | 0.000 |
| 409 | 9.9 | 12.5244 | 0.2471 | -2.6244 | 7.163 | -0.366 | 0.000 |
| 410 | 19.1 | 12.5282 | 0.2471 | 6.5718 | 7.163 | 0.917 | 0.001 |
| 411 | 9.0 | 12.5294 | 0.2471 | -3.5294 | 7.163 | -0.493 | 0.000 |
| 412 | 42.8 | 12.5332 | 0.2472 | 30.2668 | 7.163 | 4.225 | 0.011 |
| 413 | 8.6 | 12.5502 | 0.2474 | -3.9502 | 7.163 | -0.551 | 0.000 |
| 414 | 14.7 | 12.5517 | 0.2474 | 2.1483 | 7.163 | 0.300 | 0.000 |
| 415 | 8.4 | 12.5546 | 0.2475 | -4.1546 | 7.163 | -0.580 | 0.000 |
| 416 | 10.8 | 12.5610 | 0.2476 | -1.7610 | 7.163 | -0.246 | 0.000 |
| 417 | 8.9 | 12.5610 | 0.2476 | -3.6610 | 7.163 | -0.511 | 0.000 |
| 418 | 5.3 | 12.5652 | 0.2477 | -7.2652 | 7.163 | -1.014 | 0.001 |
| 419 | 26.9 | 12.5729 | 0.2478 | 14.3271 | 7.163 | 2.000 | 0.002 |
| 420 | 9.7 | 12.5776 | 0.2479 | -2.8776 | 7.163 | -0.402 | 0.000 |
| 421 | 10.3 | 12.5803 | 0.2479 | -2.2803 | 7.163 | -0.318 | 0.000 |
| 422 | 9.7 | 12.5856 | 0.2480 | -2.8856 | 7.163 | -0.403 | 0.000 |
| 423 | 9.1 | 12.5870 | 0.2480 | -3.4870 | 7.163 | -0.487 | 0.000 |
| 424 | 19.9 | 12.5879 | 0.2481 | 7.3121 | 7.163 | 1.021 | 0.001 |
| 425 | 12.1 | 12.5903 | 0.2481 | -0.4903 | 7.163 | -0.068 | 0.000 |
| 426 | 14.6 | 12.5958 | 0.2482 | 2.0042 | 7.163 | 0.280 | 0.000 |
| 427 | 13.6 | 12.5997 | 0.2483 | 1.0003 | 7.163 | 0.140 | 0.000 |
| 428 | 11.0 | 12.6083 | 0.2485 | -1.6083 | 7.163 | -0.225 | 0.000 |
| 429 | 30.5 | 12.6215 | 0.2487 | 17.8785 | 7.163 | 2.496 | 0.004 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 430 | 11.7 | 12.6333 | 0.2490 | -0.9333 | 7.163 | -0.130 | 0.000 |
| 431 | 2.8 | 12.6426 | 0.2492 | -9.8426 | 7.163 | -1.374 | 0.001 |
| 432 | 3.2 | 12.6441 | 0.2492 | -9.4441 | 7.163 | -1.318 | 0.001 |
| 433 | 13.9 | 12.6484 | 0.2493 | 1.2516 | 7.163 | 0.175 | 0.000 |
| 434 | 5.0 | 12.6484 | 0.2493 | -7.6484 | 7.163 | -1.068 | 0.001 |
| 435 | 6.9 | 12.6565 | 0.2495 | -5.7565 | 7.163 | -0.804 | 0.000 |
| 436 | 7.1 | 12.6697 | 0.2499 | -5.5697 | 7.163 | -0.778 | 0.000 |
| 437 | 12.9 | 12.6708 | 0.2499 | 0.2292 | 7.163 | 0.032 | 0.000 |
| 438 | 5.7 | 12.6722 | 0.2499 | -6.9722 | 7.163 | -0.973 | 0.001 |
| 439 | 15.9 | 12.6777 | 0.2501 | 3.2223 | 7.163 | 0.450 | 0.000 |
| 440 | 13.3 | 12.6835 | 0.2502 | 0.6165 | 7.163 | 0.086 | 0.000 |
| 441 | 10.6 | 12.6844 | 0.2502 | -2.0844 | 7.163 | -0.291 | 0.000 |
| 442 | 23.8 | 12.6892 | 0.2504 | 11.1108 | 7.163 | 1.551 | 0.001 |
| 443 | 8.2 | 12.6946 | 0.2505 | -4.4946 | 7.163 | -0.627 | 0.000 |
| 444 | 19.9 | 12.6978 | 0.2506 | 7.2022 | 7.163 | 1.005 | 0.001 |
| 445 | 3.5 | 12.6980 | 0.2506 | -9.1980 | 7.163 | -1.284 | 0.001 |
| 446 | 10.9 | 12.7016 | 0.2507 | -1.8016 | 7.163 | -0.252 | 0.000 |
| 447 | 8.7 | 12.7056 | 0.2508 | -4.0056 | 7.163 | -0.559 | 0.000 |
| 448 | 5.8 | 12.7062 | 0.2509 | -6.9062 | 7.163 | -0.964 | 0.001 |
| 449 | 6.7 | 12.7091 | 0.2509 | -6.0091 | 7.163 | -0.839 | 0.000 |
| 450 | 14.2 | 12.7105 | 0.2510 | 1.4895 | 7.163 | 0.208 | 0.000 |
| 451 | 13.3 | 12.7133 | 0.2511 | 0.5867 | 7.163 | 0.082 | 0.000 |
| 452 | 5.6 | 12.7212 | 0.2513 | -7.1212 | 7.163 | -0.994 | 0.001 |
| 453 | 13.8 | 12.7213 | 0.2513 | 1.0787 | 7.163 | 0.151 | 0.000 |
| 454 | 9.2 | 12.7226 | 0.2513 | -3.5226 | 7.163 | -0.492 | 0.000 |
| 455 | 13.1 | 12.7226 | 0.2513 | 0.3774 | 7.163 | 0.053 | 0.000 |
| 456 | 8.7 | 12.7264 | 0.2515 | -4.0264 | 7.163 | -0.562 | 0.000 |
| 457 | 7.3 | 12.7266 | 0.2515 | -5.4266 | 7.163 | -0.758 | 0.000 |
| 458 | 7.9 | 12.7325 | 0.2516 | -4.8325 | 7.163 | -0.675 | 0.000 |
| 459 | 7.3 | 12.7347 | 0.2517 | -5.4347 | 7.163 | -0.759 | 0.000 |
| 460 | 5.4 | 12.7447 | 0.2520 | -7.3447 | 7.163 | -1.025 | 0.001 |
| 461 | 4.8 | 12.7447 | 0.2520 | -7.9447 | 7.163 | -1.109 | 0.001 |
| 462 | 14.5 | 12.7508 | 0.2522 | 1.7492 | 7.163 | 0.244 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 463 | 15.6 | 12.7513 | 0.2522 | 2.8487 | 7.163 | 0.398 | 0.000 |
| 464 | 10.3 | 12.7559 | 0.2524 | -2.4559 | 7.163 | -0.343 | 0.000 |
| 465 | 15.0 | 12.7629 | 0.2526 | 2.2371 | 7.163 | 0.312 | 0.000 |
| 466 | 18.5 | 12.7698 | 0.2529 | 5.7302 | 7.163 | 0.800 | 0.000 |
| 467 | 10.7 | 12.7717 | 0.2529 | -2.0717 | 7.163 | -0.289 | 0.000 |
| 468 | 5.7 | 12.7726 | 0.2530 | -7.0726 | 7.163 | -0.987 | 0.001 |
| 469 | 13.3 | 12.7788 | 0.2532 | 0.5212 | 7.163 | 0.073 | 0.000 |
| 470 | 6.6 | 12.7804 | 0.2532 | -6.1804 | 7.163 | -0.863 | 0.000 |
| 471 | 7.4 | 12.7962 | 0.2538 | -5.3962 | 7.163 | -0.753 | 0.000 |
| 472 | 17.2 | 12.7964 | 0.2538 | 4.4036 | 7.163 | 0.615 | 0.000 |
| 473 | 3.6 | 12.8009 | 0.2540 | -9.2009 | 7.163 | -1.284 | 0.001 |
| 474 | 18.9 | 12.8059 | 0.2541 | 6.0941 | 7.163 | 0.851 | 0.000 |
| 475 | 9.6 | 12.8087 | 0.2542 | -3.2087 | 7.163 | -0.448 | 0.000 |
| 476 | 8.8 | 12.8185 | 0.2546 | -4.0185 | 7.163 | -0.561 | 0.000 |
| 477 | 6.4 | 12.8242 | 0.2548 | -6.4242 | 7.163 | -0.897 | 0.001 |
| 478 | 4.6 | 12.8277 | 0.2550 | -8.2277 | 7.163 | -1.149 | 0.001 |
| 479 | 11.1 | 12.8350 | 0.2553 | -1.7350 | 7.163 | -0.242 | 0.000 |
| 480 | 5.4 | 12.8444 | 0.2556 | -7.4444 | 7.163 | -1.039 | 0.001 |
| 481 | 8.7 | 12.8776 | 0.2570 | -4.1776 | 7.163 | -0.583 | 0.000 |
| 482 | 4.3 | 12.8817 | 0.2572 | -8.5817 | 7.163 | -1.198 | 0.001 |
| 483 | 9.6 | 12.8995 | 0.2580 | -3.2995 | 7.163 | -0.461 | 0.000 |
| 484 | 7.4 | 12.9022 | 0.2581 | -5.5022 | 7.163 | -0.768 | 0.000 |
| 485 | 6.2 | 12.9039 | 0.2582 | -6.7039 | 7.163 | -0.936 | 0.001 |
| 486 | 13.2 | 12.9074 | 0.2583 | 0.2926 | 7.163 | 0.041 | 0.000 |
| 487 | 19.7 | 12.9186 | 0.2588 | 6.7814 | 7.163 | 0.947 | 0.001 |
| 488 | 7.0 | 12.9218 | 0.2590 | -5.9218 | 7.163 | -0.827 | 0.000 |
| 489 | 8.6 | 12.9338 | 0.2595 | -4.3338 | 7.163 | -0.605 | 0.000 |
| 490 | 12.1 | 12.9355 | 0.2596 | -0.8355 | 7.163 | -0.117 | 0.000 |
| 491 | 4.1 | 12.9407 | 0.2599 | -8.8407 | 7.163 | -1.234 | 0.001 |
| 492 | 11.4 | 12.9464 | 0.2602 | -1.5464 | 7.163 | -0.216 | 0.000 |
| 493 | 16.1 | 12.9640 | 0.2610 | 3.1360 | 7.163 | 0.438 | 0.000 |
| 494 | 16.7 | 12.9733 | 0.2615 | 3.7267 | 7.163 | 0.520 | 0.000 |
| 495 | 13.0 | 12.9816 | 0.2619 | 0.0184 | 7.163 | 0.003 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| **496** | 10.4 | 12.9828 | 0.2620 | -2.5828 | 7.163 | -0.361 | 0.000 |
| **497** | 11.1 | 12.9846 | 0.2620 | -1.8846 | 7.163 | -0.263 | 0.000 |
| **498** | 16.4 | 12.9850 | 0.2621 | 3.4150 | 7.163 | 0.477 | 0.000 |
| **499** | 8.2 | 12.9881 | 0.2622 | -4.7881 | 7.163 | -0.668 | 0.000 |
| **500** | 25.3 | 12.9901 | 0.2623 | 12.3099 | 7.163 | 1.719 | 0.002 |
| **501** | 14.0 | 12.9911 | 0.2624 | 1.0089 | 7.163 | 0.141 | 0.000 |
| **502** | 17.5 | 12.9931 | 0.2625 | 4.5069 | 7.163 | 0.629 | 0.000 |
| **503** | 14.5 | 12.9971 | 0.2627 | 1.5029 | 7.163 | 0.210 | 0.000 |
| **504** | 13.1 | 12.9987 | 0.2628 | 0.1013 | 7.163 | 0.014 | 0.000 |
| **505** | 5.9 | 13.0029 | 0.2630 | -7.1029 | 7.163 | -0.992 | 0.001 |
| **506** | 15.4 | 13.0051 | 0.2631 | 2.3949 | 7.163 | 0.334 | 0.000 |
| **507** | 12.6 | 13.0211 | 0.2640 | -0.4211 | 7.163 | -0.059 | 0.000 |
| **508** | 9.6 | 13.0213 | 0.2640 | -3.4213 | 7.163 | -0.478 | 0.000 |
| **509** | 8.7 | 13.0316 | 0.2645 | -4.3316 | 7.163 | -0.605 | 0.000 |
| **510** | 6.6 | 13.0370 | 0.2648 | -6.4370 | 7.163 | -0.899 | 0.001 |
| **511** | 20.7 | 13.0380 | 0.2649 | 7.6620 | 7.163 | 1.070 | 0.001 |
| **512** | 5.1 | 13.0388 | 0.2649 | -7.9388 | 7.163 | -1.108 | 0.001 |
| **513** | 10.0 | 13.0388 | 0.2649 | -3.0388 | 7.163 | -0.424 | 0.000 |
| **514** | 8.8 | 13.0444 | 0.2652 | -4.2444 | 7.163 | -0.593 | 0.000 |
| **515** | 11.5 | 13.0451 | 0.2653 | -1.5451 | 7.163 | -0.216 | 0.000 |
| **516** | 18.4 | 13.0511 | 0.2656 | 5.3489 | 7.163 | 0.747 | 0.000 |
| **517** | 22.5 | 13.0553 | 0.2658 | 9.4447 | 7.163 | 1.319 | 0.001 |
| **518** | 6.1 | 13.0599 | 0.2661 | -6.9599 | 7.163 | -0.972 | 0.001 |
| **519** | 5.0 | 13.0771 | 0.2671 | -8.0771 | 7.163 | -1.128 | 0.001 |
| **520** | 9.0 | 13.0851 | 0.2676 | -4.0851 | 7.163 | -0.570 | 0.000 |
| **521** | 7.8 | 13.0866 | 0.2676 | -5.2866 | 7.163 | -0.738 | 0.000 |
| **522** | 8.6 | 13.0927 | 0.2680 | -4.4927 | 7.163 | -0.627 | 0.000 |
| **523** | 9.7 | 13.0933 | 0.2680 | -3.3933 | 7.163 | -0.474 | 0.000 |
| **524** | 5.3 | 13.0987 | 0.2684 | -7.7987 | 7.163 | -1.089 | 0.001 |
| **525** | 24.4 | 13.1077 | 0.2689 | 11.2923 | 7.162 | 1.577 | 0.002 |
| **526** | 14.9 | 13.1084 | 0.2689 | 1.7916 | 7.162 | 0.250 | 0.000 |
| **527** | 13.5 | 13.1145 | 0.2693 | 0.3855 | 7.162 | 0.054 | 0.000 |
| **528** | 6.6 | 13.1145 | 0.2693 | -6.5145 | 7.162 | -0.910 | 0.001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 529 | 9.9 | 13.1148 | 0.2693 | -3.2148 | 7.162 | -0.449 | 0.000 |
| 530 | 6.0 | 13.1321 | 0.2704 | -7.1321 | 7.162 | -0.996 | 0.001 |
| 531 | 16.6 | 13.1348 | 0.2705 | 3.4652 | 7.162 | 0.484 | 0.000 |
| 532 | 4.3 | 13.1382 | 0.2708 | -8.8382 | 7.162 | -1.234 | 0.001 |
| 533 | 16.5 | 13.1504 | 0.2715 | 3.3496 | 7.162 | 0.468 | 0.000 |
| 534 | 11.6 | 13.1577 | 0.2720 | -1.5577 | 7.162 | -0.217 | 0.000 |
| 535 | 32.7 | 13.1785 | 0.2733 | 19.5215 | 7.162 | 2.726 | 0.005 |
| 536 | 16.9 | 13.1825 | 0.2736 | 3.7175 | 7.162 | 0.519 | 0.000 |
| 537 | 14.6 | 13.1865 | 0.2738 | 1.4135 | 7.162 | 0.197 | 0.000 |
| 538 | 13.6 | 13.1884 | 0.2740 | 0.4116 | 7.162 | 0.057 | 0.000 |
| 539 | 7.7 | 13.1952 | 0.2744 | -5.4952 | 7.162 | -0.767 | 0.000 |
| 540 | 25.1 | 13.1971 | 0.2745 | 11.9029 | 7.162 | 1.662 | 0.002 |
| 541 | 16.4 | 13.1999 | 0.2747 | 3.2001 | 7.162 | 0.447 | 0.000 |
| 542 | 22.5 | 13.2009 | 0.2748 | 9.2991 | 7.162 | 1.298 | 0.001 |
| 543 | 11.9 | 13.2104 | 0.2754 | -1.3104 | 7.162 | -0.183 | 0.000 |
| 544 | 13.7 | 13.2128 | 0.2756 | 0.4872 | 7.162 | 0.068 | 0.000 |
| 545 | 10.7 | 13.2138 | 0.2756 | -2.5138 | 7.162 | -0.351 | 0.000 |
| 546 | 12.1 | 13.2181 | 0.2759 | -1.1181 | 7.162 | -0.156 | 0.000 |
| 547 | 11.9 | 13.2283 | 0.2766 | -1.3283 | 7.162 | -0.185 | 0.000 |
| 548 | 9.6 | 13.2381 | 0.2773 | -3.6381 | 7.162 | -0.508 | 0.000 |
| 549 | 2.3 | 13.2467 | 0.2779 | -10.9467 | 7.162 | -1.528 | 0.002 |
| 550 | 13.0 | 13.2469 | 0.2779 | -0.2469 | 7.162 | -0.034 | 0.000 |
| 551 | 10.7 | 13.2501 | 0.2781 | -2.5501 | 7.162 | -0.356 | 0.000 |
| 552 | 2.5 | 13.2514 | 0.2782 | -10.7514 | 7.162 | -1.501 | 0.002 |
| 553 | 23.4 | 13.2576 | 0.2786 | 10.1424 | 7.162 | 1.416 | 0.002 |
| 554 | 5.0 | 13.2747 | 0.2798 | -8.2747 | 7.162 | -1.155 | 0.001 |
| 555 | 6.7 | 13.2780 | 0.2801 | -6.5780 | 7.162 | -0.918 | 0.001 |
| 556 | 24.7 | 13.2813 | 0.2803 | 11.4187 | 7.162 | 1.594 | 0.002 |
| 557 | 8.8 | 13.2833 | 0.2805 | -4.4833 | 7.162 | -0.626 | 0.000 |
| 558 | 17.9 | 13.2853 | 0.2806 | 4.6147 | 7.162 | 0.644 | 0.000 |
| 559 | 12.0 | 13.3008 | 0.2817 | -1.3008 | 7.162 | -0.182 | 0.000 |
| 560 | 7.7 | 13.3195 | 0.2831 | -5.6195 | 7.162 | -0.785 | 0.000 |
| 561 | 5.2 | 13.3219 | 0.2833 | -8.1219 | 7.162 | -1.134 | 0.001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 562 | 27.8 | 13.3277 | 0.2837 | 14.4723 | 7.162 | 2.021 | 0.003 |
| 563 | 3.7 | 13.3325 | 0.2840 | -9.6325 | 7.162 | -1.345 | 0.001 |
| 564 | 15.7 | 13.3359 | 0.2843 | 2.3641 | 7.162 | 0.330 | 0.000 |
| 565 | 6.5 | 13.3381 | 0.2845 | -6.8381 | 7.162 | -0.955 | 0.001 |
| 566 | 5.6 | 13.3389 | 0.2845 | -7.7389 | 7.162 | -1.081 | 0.001 |
| 567 | 13.6 | 13.3423 | 0.2848 | 0.2577 | 7.162 | 0.036 | 0.000 |
| 568 | 15.0 | 13.3439 | 0.2849 | 1.6561 | 7.162 | 0.231 | 0.000 |
| 569 | 22.0 | 13.3485 | 0.2852 | 8.6515 | 7.162 | 1.208 | 0.001 |
| 570 | 13.9 | 13.3512 | 0.2854 | 0.5488 | 7.162 | 0.077 | 0.000 |
| 571 | 12.7 | 13.3520 | 0.2855 | -0.6520 | 7.162 | -0.091 | 0.000 |
| 572 | 14.1 | 13.3620 | 0.2863 | 0.7380 | 7.162 | 0.103 | 0.000 |
| 573 | 10.4 | 13.3675 | 0.2867 | -2.9675 | 7.162 | -0.414 | 0.000 |
| 574 | 14.8 | 13.3755 | 0.2873 | 1.4245 | 7.162 | 0.199 | 0.000 |
| 575 | 14.0 | 13.3810 | 0.2877 | 0.6190 | 7.162 | 0.086 | 0.000 |
| 576 | 34.8 | 13.3899 | 0.2884 | 21.4101 | 7.162 | 2.990 | 0.007 |
| 577 | 14.6 | 13.3907 | 0.2885 | 1.2093 | 7.162 | 0.169 | 0.000 |
| 578 | 7.0 | 13.3991 | 0.2891 | -6.3991 | 7.162 | -0.894 | 0.001 |
| 579 | 13.4 | 13.4008 | 0.2893 | -0.000803 | 7.162 | -0.000 | 0.000 |
| 580 | 11.5 | 13.4019 | 0.2893 | -1.9019 | 7.162 | -0.266 | 0.000 |
| 581 | 6.9 | 13.4022 | 0.2894 | -6.5022 | 7.162 | -0.908 | 0.001 |
| 582 | 19.0 | 13.4025 | 0.2894 | 5.5975 | 7.162 | 0.782 | 0.000 |
| 583 | 20.8 | 13.4141 | 0.2903 | 7.3859 | 7.162 | 1.031 | 0.001 |
| 584 | 10.9 | 13.4147 | 0.2904 | -2.5147 | 7.162 | -0.351 | 0.000 |
| 585 | 11.3 | 13.4212 | 0.2909 | -2.1212 | 7.162 | -0.296 | 0.000 |
| 586 | 27.3 | 13.4230 | 0.2910 | 13.8770 | 7.162 | 1.938 | 0.003 |
| 587 | 8.1 | 13.4255 | 0.2912 | -5.3255 | 7.162 | -0.744 | 0.000 |
| 588 | 6.0 | 13.4620 | 0.2942 | -7.4620 | 7.162 | -1.042 | 0.001 |
| 589 | 19.2 | 13.4706 | 0.2949 | 5.7294 | 7.161 | 0.800 | 0.001 |
| 590 | 18.0 | 13.4790 | 0.2956 | 4.5210 | 7.161 | 0.631 | 0.000 |
| 591 | 24.8 | 13.4890 | 0.2964 | 11.3110 | 7.161 | 1.579 | 0.002 |
| 592 | 25.5 | 13.4914 | 0.2966 | 12.0086 | 7.161 | 1.677 | 0.002 |
| 593 | 7.5 | 13.5012 | 0.2974 | -6.0012 | 7.161 | -0.838 | 0.001 |
| 594 | 11.7 | 13.5027 | 0.2975 | -1.8027 | 7.161 | -0.252 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 595 | 61.6 | 13.5185 | 0.2988 | 48.0815 | 7.161 | 6.714 | 0.039 |
| 596 | 19.8 | 13.5228 | 0.2992 | 6.2772 | 7.161 | 0.877 | 0.001 |
| 597 | 14.0 | 13.5250 | 0.2994 | 0.4750 | 7.161 | 0.066 | 0.000 |
| 598 | 7.7 | 13.5297 | 0.2998 | -5.8297 | 7.161 | -0.814 | 0.001 |
| 599 | 8.2 | 13.5307 | 0.2999 | -5.3307 | 7.161 | -0.744 | 0.000 |
| 600 | 14.4 | 13.5382 | 0.3005 | 0.8618 | 7.161 | 0.120 | 0.000 |
| 601 | 10.2 | 13.5529 | 0.3018 | -3.3529 | 7.161 | -0.468 | 0.000 |
| 602 | 8.6 | 13.5810 | 0.3042 | -4.9810 | 7.161 | -0.696 | 0.000 |
| 603 | 15.1 | 13.5929 | 0.3053 | 1.5071 | 7.161 | 0.210 | 0.000 |
| 604 | 16.1 | 13.5932 | 0.3053 | 2.5068 | 7.161 | 0.350 | 0.000 |
| 605 | 31.3 | 13.6012 | 0.3060 | 17.6988 | 7.161 | 2.472 | 0.006 |
| 606 | 7.3 | 13.6059 | 0.3064 | -6.3059 | 7.161 | -0.881 | 0.001 |
| 607 | 15.4 | 13.6143 | 0.3072 | 1.7857 | 7.161 | 0.249 | 0.000 |
| 608 | 10.2 | 13.6153 | 0.3073 | -3.4153 | 7.161 | -0.477 | 0.000 |
| 609 | 9.8 | 13.6170 | 0.3074 | -3.8170 | 7.161 | -0.533 | 0.000 |
| 610 | 7.1 | 13.6217 | 0.3078 | -6.5217 | 7.161 | -0.911 | 0.001 |
| 611 | 23.2 | 13.6248 | 0.3081 | 9.5752 | 7.161 | 1.337 | 0.002 |
| 612 | 15.7 | 13.6299 | 0.3086 | 2.0701 | 7.161 | 0.289 | 0.000 |
| 613 | 8.9 | 13.6312 | 0.3087 | -4.7312 | 7.161 | -0.661 | 0.000 |
| 614 | 13.0 | 13.6426 | 0.3097 | -0.6426 | 7.161 | -0.090 | 0.000 |
| 615 | 13.9 | 13.6533 | 0.3107 | 0.2467 | 7.161 | 0.034 | 0.000 |
| 616 | 14.9 | 13.6561 | 0.3109 | 1.2439 | 7.161 | 0.174 | 0.000 |
| 617 | 18.0 | 13.6610 | 0.3114 | 4.3390 | 7.161 | 0.606 | 0.000 |
| 618 | 14.1 | 13.6638 | 0.3116 | 0.4362 | 7.161 | 0.061 | 0.000 |
| 619 | 4.7 | 13.6744 | 0.3126 | -8.9744 | 7.161 | -1.253 | 0.001 |
| 620 | 14.5 | 13.6755 | 0.3127 | 0.8245 | 7.161 | 0.115 | 0.000 |
| 621 | 10.0 | 13.6759 | 0.3127 | -3.6759 | 7.161 | -0.513 | 0.000 |
| 622 | 18.9 | 13.6769 | 0.3128 | 5.2231 | 7.161 | 0.729 | 0.001 |
| 623 | 30.8 | 13.6776 | 0.3129 | 17.1224 | 7.161 | 2.391 | 0.005 |
| 624 | 6.2 | 13.6798 | 0.3131 | -7.4798 | 7.161 | -1.045 | 0.001 |
| 625 | 17.8 | 13.6801 | 0.3131 | 4.1199 | 7.161 | 0.575 | 0.000 |
| 626 | 41.5 | 13.6816 | 0.3133 | 27.8184 | 7.161 | 3.885 | 0.014 |
| 627 | 9.7 | 13.6830 | 0.3134 | -3.9830 | 7.161 | -0.556 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 628 | 9.6 | 13.6884 | 0.3139 | -4.0884 | 7.161 | -0.571 | 0.000 |
| 629 | 11.1 | 13.6905 | 0.3141 | -2.5905 | 7.161 | -0.362 | 0.000 |
| 630 | 7.3 | 13.6909 | 0.3141 | -6.3909 | 7.161 | -0.892 | 0.001 |
| 631 | 8.9 | 13.6930 | 0.3143 | -4.7930 | 7.161 | -0.669 | 0.000 |
| 632 | 13.2 | 13.6981 | 0.3148 | -0.4981 | 7.161 | -0.070 | 0.000 |
| 633 | 11.0 | 13.7006 | 0.3150 | -2.7006 | 7.161 | -0.377 | 0.000 |
| 634 | 47.9 | 13.7006 | 0.3150 | 34.1994 | 7.161 | 4.776 | 0.022 |
| 635 | 17.8 | 13.7108 | 0.3160 | 4.0892 | 7.161 | 0.571 | 0.000 |
| 636 | 16.2 | 13.7119 | 0.3161 | 2.4881 | 7.161 | 0.347 | 0.000 |
| 637 | 7.3 | 13.7171 | 0.3166 | -6.4171 | 7.161 | -0.896 | 0.001 |
| 638 | 14.4 | 13.7193 | 0.3168 | 0.6807 | 7.161 | 0.095 | 0.000 |
| 639 | 1.7 | 13.7255 | 0.3174 | -12.0255 | 7.161 | -1.679 | 0.003 |
| 640 | 6.6 | 13.7259 | 0.3174 | -7.1259 | 7.161 | -0.995 | 0.001 |
| 641 | 5.9 | 13.7315 | 0.3179 | -7.8315 | 7.160 | -1.094 | 0.001 |
| 642 | 12.2 | 13.7382 | 0.3186 | -1.5382 | 7.160 | -0.215 | 0.000 |
| 643 | 8.1 | 13.7514 | 0.3198 | -5.6514 | 7.160 | -0.789 | 0.001 |
| 644 | 8.3 | 13.7552 | 0.3202 | -5.4552 | 7.160 | -0.762 | 0.001 |
| 645 | 14.6 | 13.7689 | 0.3215 | 0.8311 | 7.160 | 0.116 | 0.000 |
| 646 | 14.1 | 13.7724 | 0.3218 | 0.3276 | 7.160 | 0.046 | 0.000 |
| 647 | 18.7 | 13.7743 | 0.3220 | 4.9257 | 7.160 | 0.688 | 0.000 |
| 648 | 7.9 | 13.7782 | 0.3224 | -5.8782 | 7.160 | -0.821 | 0.001 |
| 649 | 7.0 | 13.7914 | 0.3237 | -6.7914 | 7.160 | -0.948 | 0.001 |
| 650 | 13.9 | 13.7938 | 0.3239 | 0.1062 | 7.160 | 0.015 | 0.000 |
| 651 | 11.8 | 13.7946 | 0.3240 | -1.9946 | 7.160 | -0.279 | 0.000 |
| 652 | 20.9 | 13.7953 | 0.3240 | 7.1047 | 7.160 | 0.992 | 0.001 |
| 653 | 7.2 | 13.7977 | 0.3243 | -6.5977 | 7.160 | -0.921 | 0.001 |
| 654 | 12.8 | 13.7993 | 0.3244 | -0.9993 | 7.160 | -0.140 | 0.000 |
| 655 | 25.9 | 13.8144 | 0.3259 | 12.0856 | 7.160 | 1.688 | 0.003 |
| 656 | 9.4 | 13.8176 | 0.3262 | -4.4176 | 7.160 | -0.617 | 0.000 |
| 657 | 9.4 | 13.8196 | 0.3264 | -4.4196 | 7.160 | -0.617 | 0.000 |
| 658 | 9.5 | 13.8244 | 0.3269 | -4.3244 | 7.160 | -0.604 | 0.000 |
| 659 | 11.7 | 13.8312 | 0.3275 | -2.1312 | 7.160 | -0.298 | 0.000 |
| 660 | 15.0 | 13.8353 | 0.3279 | 1.1647 | 7.160 | 0.163 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 661 | 13.5 | 13.8439 | 0.3288 | -0.3439 | 7.160 | -0.048 | 0.000 |
| 662 | 16.3 | 13.8476 | 0.3291 | 2.4524 | 7.160 | 0.343 | 0.000 |
| 663 | 11.5 | 13.8476 | 0.3291 | -2.3476 | 7.160 | -0.328 | 0.000 |
| 664 | 17.6 | 13.8500 | 0.3294 | 3.7500 | 7.160 | 0.524 | 0.000 |
| 665 | 14.0 | 13.8529 | 0.3297 | 0.1471 | 7.160 | 0.021 | 0.000 |
| 666 | 19.5 | 13.8546 | 0.3298 | 5.6454 | 7.160 | 0.788 | 0.001 |
| 667 | 19.1 | 13.8570 | 0.3301 | 5.2430 | 7.160 | 0.732 | 0.001 |
| 668 | 3.4 | 13.8579 | 0.3302 | -10.4579 | 7.160 | -1.461 | 0.002 |
| 669 | 15.9 | 13.8579 | 0.3302 | 2.0421 | 7.160 | 0.285 | 0.000 |
| 670 | 6.8 | 13.8624 | 0.3306 | -7.0624 | 7.160 | -0.986 | 0.001 |
| 671 | 17.5 | 13.8762 | 0.3320 | 3.6238 | 7.160 | 0.506 | 0.000 |
| 672 | 3.8 | 13.8817 | 0.3325 | -10.0817 | 7.160 | -1.408 | 0.002 |
| 673 | 26.4 | 13.9000 | 0.3344 | 12.5000 | 7.160 | 1.746 | 0.003 |
| 674 | 9.2 | 13.9056 | 0.3350 | -4.7056 | 7.160 | -0.657 | 0.000 |
| 675 | 7.3 | 13.9056 | 0.3350 | -6.6056 | 7.160 | -0.923 | 0.001 |
| 676 | 13.1 | 13.9134 | 0.3357 | -0.8134 | 7.160 | -0.114 | 0.000 |
| 677 | 8.1 | 13.9274 | 0.3372 | -5.8274 | 7.160 | -0.814 | 0.001 |
| 678 | 2.5 | 13.9331 | 0.3377 | -11.4331 | 7.160 | -1.597 | 0.003 |
| 679 | 38.1 | 13.9465 | 0.3391 | 24.1535 | 7.160 | 3.374 | 0.013 |
| 680 | 12.9 | 13.9478 | 0.3392 | -1.0478 | 7.160 | -0.146 | 0.000 |
| 681 | 11.6 | 13.9649 | 0.3410 | -2.3649 | 7.159 | -0.330 | 0.000 |
| 682 | 11.2 | 13.9654 | 0.3411 | -2.7654 | 7.159 | -0.386 | 0.000 |
| 683 | 26.9 | 13.9667 | 0.3412 | 12.9333 | 7.159 | 1.806 | 0.004 |
| 684 | 11.6 | 13.9681 | 0.3413 | -2.3681 | 7.159 | -0.331 | 0.000 |
| 685 | 6.2 | 13.9832 | 0.3429 | -7.7832 | 7.159 | -1.087 | 0.001 |
| 686 | 23.3 | 13.9855 | 0.3431 | 9.3145 | 7.159 | 1.301 | 0.002 |
| 687 | 5.8 | 13.9897 | 0.3436 | -8.1897 | 7.159 | -1.144 | 0.002 |
| 688 | 15.5 | 14.0079 | 0.3455 | 1.4921 | 7.159 | 0.208 | 0.000 |
| 689 | 7.1 | 14.0287 | 0.3477 | -6.9287 | 7.159 | -0.968 | 0.001 |
| 690 | 9.8 | 14.0345 | 0.3483 | -4.2345 | 7.159 | -0.591 | 0.000 |
| 691 | 11.1 | 14.0412 | 0.3490 | -2.9412 | 7.159 | -0.411 | 0.000 |
| 692 | 36.0 | 14.0529 | 0.3502 | 21.9471 | 7.159 | 3.066 | 0.011 |
| 693 | 5.0 | 14.0563 | 0.3506 | -9.0563 | 7.159 | -1.265 | 0.002 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 694 | 20.3 | 14.0578 | 0.3507 | 6.2422 | 7.159 | 0.872 | 0.001 |
| 695 | 22.6 | 14.0766 | 0.3527 | 8.5234 | 7.159 | 1.191 | 0.002 |
| 696 | 14.2 | 14.0786 | 0.3529 | 0.1214 | 7.159 | 0.017 | 0.000 |
| 697 | 11.4 | 14.0856 | 0.3537 | -2.6856 | 7.159 | -0.375 | 0.000 |
| 698 | 15.0 | 14.0942 | 0.3546 | 0.9058 | 7.159 | 0.127 | 0.000 |
| 699 | 12.5 | 14.1028 | 0.3555 | -1.6028 | 7.159 | -0.224 | 0.000 |
| 700 | 5.8 | 14.1069 | 0.3560 | -8.3069 | 7.159 | -1.160 | 0.002 |
| 701 | 13.8 | 14.1141 | 0.3568 | -0.3141 | 7.159 | -0.044 | 0.000 |
| 702 | 8.7 | 14.1255 | 0.3580 | -5.4255 | 7.159 | -0.758 | 0.001 |
| 703 | 40.6 | 14.1281 | 0.3583 | 26.4719 | 7.159 | 3.698 | 0.017 |
| 704 | 6.2 | 14.1343 | 0.3589 | -7.9343 | 7.159 | -1.108 | 0.002 |
| 705 | 34.2 | 14.1417 | 0.3597 | 20.0583 | 7.159 | 2.802 | 0.010 |
| 706 | 12.1 | 14.1624 | 0.3620 | -2.0624 | 7.158 | -0.288 | 0.000 |
| 707 | 12.2 | 14.1645 | 0.3622 | -1.9645 | 7.158 | -0.274 | 0.000 |
| 708 | 15.7 | 14.1688 | 0.3627 | 1.5312 | 7.158 | 0.214 | 0.000 |
| 709 | 24.5 | 14.1770 | 0.3636 | 10.3230 | 7.158 | 1.442 | 0.003 |
| 710 | 10.7 | 14.1813 | 0.3641 | -3.4813 | 7.158 | -0.486 | 0.000 |
| 711 | 16.5 | 14.1813 | 0.3641 | 2.3187 | 7.158 | 0.324 | 0.000 |
| 712 | 17.7 | 14.1862 | 0.3646 | 3.5138 | 7.158 | 0.491 | 0.000 |
| 713 | 9.1 | 14.1900 | 0.3650 | -5.0900 | 7.158 | -0.711 | 0.001 |
| 714 | 22.7 | 14.1939 | 0.3655 | 8.5061 | 7.158 | 1.188 | 0.002 |
| 715 | 2.5 | 14.2016 | 0.3663 | -11.7016 | 7.158 | -1.635 | 0.003 |
| 716 | 20.6 | 14.2038 | 0.3666 | 6.3962 | 7.158 | 0.894 | 0.001 |
| 717 | 5.7 | 14.2050 | 0.3667 | -8.5050 | 7.158 | -1.188 | 0.002 |
| 718 | 27.9 | 14.2055 | 0.3667 | 13.6945 | 7.158 | 1.913 | 0.005 |
| 719 | 13.1 | 14.2072 | 0.3669 | -1.1072 | 7.158 | -0.155 | 0.000 |
| 720 | 7.3 | 14.2077 | 0.3670 | -6.9077 | 7.158 | -0.965 | 0.001 |
| 721 | 21.5 | 14.2116 | 0.3674 | 7.2884 | 7.158 | 1.018 | 0.001 |
| 722 | 27.6 | 14.2116 | 0.3674 | 13.3884 | 7.158 | 1.870 | 0.005 |
| 723 | 10.9 | 14.2195 | 0.3683 | -3.3195 | 7.158 | -0.464 | 0.000 |
| 724 | 14.7 | 14.2302 | 0.3695 | 0.4698 | 7.158 | 0.066 | 0.000 |
| 725 | 5.0 | 14.2405 | 0.3706 | -9.2405 | 7.158 | -1.291 | 0.002 |
| 726 | 13.5 | 14.2485 | 0.3715 | -0.7485 | 7.158 | -0.105 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 727 | 9.5 | 14.2491 | 0.3716 | -4.7491 | 7.158 | -0.663 | 0.001 |
| 728 | 13.7 | 14.2636 | 0.3732 | -0.5636 | 7.158 | -0.079 | 0.000 |
| 729 | 11.9 | 14.2677 | 0.3737 | -2.3677 | 7.158 | -0.331 | 0.000 |
| 730 | 36.5 | 14.2712 | 0.3741 | 22.2288 | 7.158 | 3.106 | 0.013 |
| 731 | 16.0 | 14.2742 | 0.3744 | 1.7258 | 7.158 | 0.241 | 0.000 |
| 732 | 12.7 | 14.2896 | 0.3761 | -1.5896 | 7.158 | -0.222 | 0.000 |
| 733 | 13.0 | 14.2980 | 0.3771 | -1.2980 | 7.158 | -0.181 | 0.000 |
| 734 | 5.7 | 14.2980 | 0.3771 | -8.5980 | 7.158 | -1.201 | 0.002 |
| 735 | 16.8 | 14.3010 | 0.3774 | 2.4990 | 7.158 | 0.349 | 0.000 |
| 736 | 57.0 | 14.3149 | 0.3790 | 42.6851 | 7.158 | 5.964 | 0.050 |
| 737 | 9.4 | 14.3156 | 0.3791 | -4.9156 | 7.158 | -0.687 | 0.001 |
| 738 | 8.7 | 14.3309 | 0.3808 | -5.6309 | 7.157 | -0.787 | 0.001 |
| 739 | 9.3 | 14.3315 | 0.3809 | -5.0315 | 7.157 | -0.703 | 0.001 |
| 740 | 8.6 | 14.3377 | 0.3816 | -5.7377 | 7.157 | -0.802 | 0.001 |
| 741 | 7.7 | 14.3390 | 0.3817 | -6.6390 | 7.157 | -0.928 | 0.001 |
| 742 | 4.6 | 14.3433 | 0.3822 | -9.7433 | 7.157 | -1.361 | 0.003 |
| 743 | 11.1 | 14.3502 | 0.3830 | -3.2502 | 7.157 | -0.454 | 0.000 |
| 744 | 12.9 | 14.3527 | 0.3833 | -1.4527 | 7.157 | -0.203 | 0.000 |
| 745 | 15.3 | 14.3565 | 0.3837 | 0.9435 | 7.157 | 0.132 | 0.000 |
| 746 | 20.1 | 14.3597 | 0.3841 | 5.7403 | 7.157 | 0.802 | 0.001 |
| 747 | 14.6 | 14.3686 | 0.3851 | 0.2314 | 7.157 | 0.032 | 0.000 |
| 748 | 23.3 | 14.3795 | 0.3864 | 8.9205 | 7.157 | 1.246 | 0.002 |
| 749 | 17.9 | 14.3860 | 0.3871 | 3.5140 | 7.157 | 0.491 | 0.000 |
| 750 | 5.4 | 14.3885 | 0.3874 | -8.9885 | 7.157 | -1.256 | 0.002 |
| 751 | 25.5 | 14.3905 | 0.3876 | 11.1095 | 7.157 | 1.552 | 0.004 |
| 752 | 9.3 | 14.3951 | 0.3881 | -5.0951 | 7.157 | -0.712 | 0.001 |
| 753 | 25.9 | 14.4029 | 0.3890 | 11.4971 | 7.157 | 1.606 | 0.004 |
| 754 | 13.7 | 14.4376 | 0.3931 | -0.7376 | 7.157 | -0.103 | 0.000 |
| 755 | 14.8 | 14.4478 | 0.3942 | 0.3522 | 7.157 | 0.049 | 0.000 |
| 756 | 8.4 | 14.4498 | 0.3945 | -6.0498 | 7.157 | -0.845 | 0.001 |
| 757 | 6.5 | 14.4608 | 0.3958 | -7.9608 | 7.157 | -1.112 | 0.002 |
| 758 | 17.9 | 14.4622 | 0.3959 | 3.4378 | 7.157 | 0.480 | 0.000 |
| 759 | 22.6 | 14.4636 | 0.3961 | 8.1364 | 7.157 | 1.137 | 0.002 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 760 | 4.4 | 14.4775 | 0.3977 | -10.0775 | 7.157 | -1.408 | 0.003 |
| 761 | 11.3 | 14.4775 | 0.3977 | -3.1775 | 7.157 | -0.444 | 0.000 |
| 762 | 15.8 | 14.4796 | 0.3980 | 1.3204 | 7.156 | 0.185 | 0.000 |
| 763 | 27.8 | 14.4873 | 0.3989 | 13.3127 | 7.156 | 1.860 | 0.005 |
| 764 | 15.6 | 14.4972 | 0.4000 | 1.1028 | 7.156 | 0.154 | 0.000 |
| 765 | 7.8 | 14.4987 | 0.4002 | -6.6987 | 7.156 | -0.936 | 0.001 |
| 766 | 27.7 | 14.5008 | 0.4005 | 13.1992 | 7.156 | 1.844 | 0.005 |
| 767 | 3.8 | 14.5101 | 0.4015 | -10.7101 | 7.156 | -1.497 | 0.004 |
| 768 | 3.7 | 14.5137 | 0.4020 | -10.8137 | 7.156 | -1.511 | 0.004 |
| 769 | 14.1 | 14.5188 | 0.4026 | -0.4188 | 7.156 | -0.059 | 0.000 |
| 770 | 13.2 | 14.5210 | 0.4028 | -1.3210 | 7.156 | -0.185 | 0.000 |
| 771 | 11.6 | 14.5393 | 0.4050 | -2.9393 | 7.156 | -0.411 | 0.000 |
| 772 | 62.9 | 14.5459 | 0.4058 | 48.3541 | 7.156 | 6.757 | 0.073 |
| 773 | 14.9 | 14.5466 | 0.4059 | 0.3534 | 7.156 | 0.049 | 0.000 |
| 774 | 20.0 | 14.5504 | 0.4063 | 5.4496 | 7.156 | 0.762 | 0.001 |
| 775 | 13.5 | 14.5556 | 0.4069 | -1.0556 | 7.156 | -0.148 | 0.000 |
| 776 | 14.3 | 14.5593 | 0.4074 | -0.2593 | 7.156 | -0.036 | 0.000 |
| 777 | 11.9 | 14.5638 | 0.4079 | -2.6638 | 7.156 | -0.372 | 0.000 |
| 778 | 8.0 | 14.5737 | 0.4091 | -6.5737 | 7.156 | -0.919 | 0.001 |
| 779 | 17.7 | 14.5744 | 0.4092 | 3.1256 | 7.156 | 0.437 | 0.000 |
| 780 | 19.5 | 14.5752 | 0.4093 | 4.9248 | 7.156 | 0.688 | 0.001 |
| 781 | 8.4 | 14.5798 | 0.4098 | -6.1798 | 7.156 | -0.864 | 0.001 |
| 782 | 19.9 | 14.5836 | 0.4103 | 5.3164 | 7.156 | 0.743 | 0.001 |
| 783 | 33.0 | 14.6044 | 0.4127 | 18.3956 | 7.156 | 2.571 | 0.011 |
| 784 | 10.9 | 14.6052 | 0.4128 | -3.7052 | 7.156 | -0.518 | 0.000 |
| 785 | 8.5 | 14.6091 | 0.4133 | -6.1091 | 7.156 | -0.854 | 0.001 |
| 786 | 13.8 | 14.6280 | 0.4156 | -0.8280 | 7.155 | -0.116 | 0.000 |
| 787 | 6.8 | 14.6352 | 0.4164 | -7.8352 | 7.155 | -1.095 | 0.002 |
| 788 | 8.2 | 14.6360 | 0.4165 | -6.4360 | 7.155 | -0.899 | 0.001 |
| 789 | 6.5 | 14.6408 | 0.4171 | -8.1408 | 7.155 | -1.138 | 0.002 |
| 790 | 7.4 | 14.6513 | 0.4184 | -7.2513 | 7.155 | -1.013 | 0.002 |
| 791 | 7.2 | 14.6586 | 0.4193 | -7.4586 | 7.155 | -1.042 | 0.002 |
| 792 | 11.3 | 14.6594 | 0.4194 | -3.3594 | 7.155 | -0.470 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 793 | 16.1 | 14.6809 | 0.4219 | 1.4191 | 7.155 | 0.198 | 0.000 |
| 794 | 9.3 | 14.6867 | 0.4226 | -5.3867 | 7.155 | -0.753 | 0.001 |
| 795 | 11.4 | 14.6867 | 0.4226 | -3.2867 | 7.155 | -0.459 | 0.000 |
| 796 | 3.3 | 14.6900 | 0.4231 | -11.3900 | 7.155 | -1.592 | 0.004 |
| 797 | 13.1 | 14.6917 | 0.4233 | -1.5917 | 7.155 | -0.222 | 0.000 |
| 798 | 14.8 | 14.6917 | 0.4233 | 0.1083 | 7.155 | 0.015 | 0.000 |
| 799 | 20.1 | 14.7027 | 0.4246 | 5.3973 | 7.155 | 0.754 | 0.001 |
| 800 | 16.5 | 14.7061 | 0.4250 | 1.7939 | 7.155 | 0.251 | 0.000 |
| 801 | 11.4 | 14.7137 | 0.4259 | -3.3137 | 7.155 | -0.463 | 0.000 |
| 802 | 9.1 | 14.7163 | 0.4262 | -5.6163 | 7.155 | -0.785 | 0.001 |
| 803 | 11.4 | 14.7519 | 0.4306 | -3.3519 | 7.155 | -0.469 | 0.000 |
| 804 | 15.8 | 14.7590 | 0.4315 | 1.0410 | 7.155 | 0.145 | 0.000 |
| 805 | 6.0 | 14.7688 | 0.4327 | -8.7688 | 7.154 | -1.226 | 0.003 |
| 806 | 16.0 | 14.7706 | 0.4329 | 1.2294 | 7.154 | 0.172 | 0.000 |
| 807 | 17.1 | 14.7814 | 0.4342 | 2.3186 | 7.154 | 0.324 | 0.000 |
| 808 | 10.1 | 14.7860 | 0.4348 | -4.6860 | 7.154 | -0.655 | 0.001 |
| 809 | 10.1 | 14.7869 | 0.4349 | -4.6869 | 7.154 | -0.655 | 0.001 |
| 810 | 12.2 | 14.7896 | 0.4352 | -2.5896 | 7.154 | -0.362 | 0.000 |
| 811 | 16.9 | 14.7914 | 0.4354 | 2.1086 | 7.154 | 0.295 | 0.000 |
| 812 | 14.8 | 14.8015 | 0.4367 | -0.001519 | 7.154 | -0.000 | 0.000 |
| 813 | 35.7 | 14.8024 | 0.4368 | 20.8976 | 7.154 | 2.921 | 0.016 |
| 814 | 6.4 | 14.8248 | 0.4395 | -8.4248 | 7.154 | -1.178 | 0.003 |
| 815 | 22.3 | 14.8408 | 0.4415 | 7.4592 | 7.154 | 1.043 | 0.002 |
| 816 | 11.5 | 14.8475 | 0.4423 | -3.3475 | 7.154 | -0.468 | 0.000 |
| 817 | 7.0 | 14.8542 | 0.4432 | -7.8542 | 7.154 | -1.098 | 0.002 |
| 818 | 25.2 | 14.8649 | 0.4445 | 10.3351 | 7.154 | 1.445 | 0.004 |
| 819 | 7.3 | 14.8678 | 0.4449 | -7.5678 | 7.154 | -1.058 | 0.002 |
| 820 | 1.7 | 14.8697 | 0.4451 | -13.1697 | 7.154 | -1.841 | 0.007 |
| 821 | 15.3 | 14.8697 | 0.4451 | 0.4303 | 7.154 | 0.060 | 0.000 |
| 822 | 10.5 | 14.8766 | 0.4460 | -4.3766 | 7.154 | -0.612 | 0.001 |
| 823 | 10.4 | 14.8884 | 0.4474 | -4.4884 | 7.154 | -0.627 | 0.001 |
| 824 | 9.2 | 14.8904 | 0.4477 | -5.6904 | 7.154 | -0.795 | 0.001 |
| 825 | 18.4 | 14.8944 | 0.4482 | 3.5056 | 7.154 | 0.490 | 0.000 |

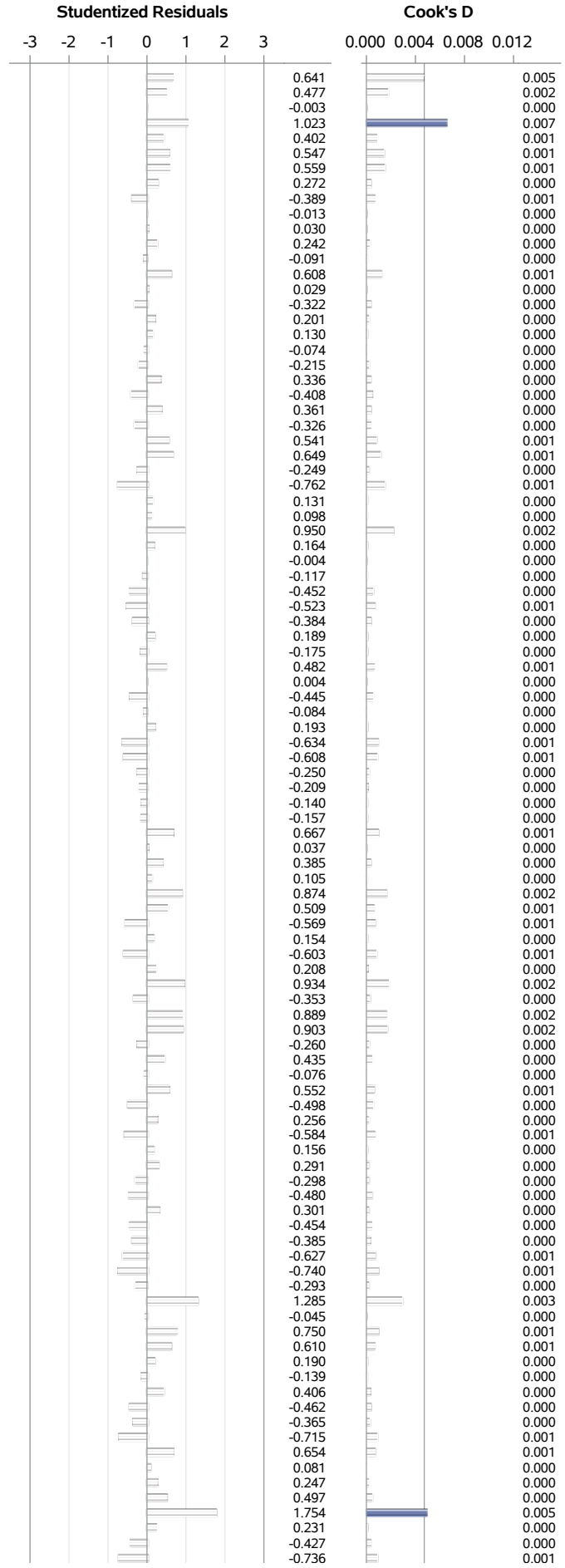
## The REG Procedure
## Model: MODEL1
## Dependent Variable: pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| **826** | 21.6 | 14.8984 | 0.4487 | 6.7016 | 7.153 | 0.937 | 0.002 |
| **827** | 14.0 | 14.9064 | 0.4497 | -0.9064 | 7.153 | -0.127 | 0.000 |
| **828** | 25.1 | 14.9236 | 0.4518 | 10.1764 | 7.153 | 1.423 | 0.004 |
| **829** | 13.4 | 14.9246 | 0.4519 | -1.5246 | 7.153 | -0.213 | 0.000 |
| **830** | 29.6 | 14.9287 | 0.4525 | 14.6713 | 7.153 | 2.051 | 0.008 |
| **831** | 34.9 | 14.9297 | 0.4526 | 19.9703 | 7.153 | 2.792 | 0.016 |
| **832** | 6.8 | 14.9318 | 0.4528 | -8.1318 | 7.153 | -1.137 | 0.003 |
| **833** | 9.8 | 14.9380 | 0.4536 | -5.1380 | 7.153 | -0.718 | 0.001 |
| **834** | 6.6 | 14.9380 | 0.4536 | -8.3380 | 7.153 | -1.166 | 0.003 |
| **835** | 18.1 | 14.9390 | 0.4537 | 3.1610 | 7.153 | 0.442 | 0.000 |
| **836** | 11.6 | 14.9494 | 0.4550 | -3.3494 | 7.153 | -0.468 | 0.000 |
| **837** | 14.5 | 14.9515 | 0.4553 | -0.4515 | 7.153 | -0.063 | 0.000 |
| **838** | 17.8 | 14.9557 | 0.4558 | 2.8443 | 7.153 | 0.398 | 0.000 |
| **839** | 9.0 | 14.9599 | 0.4564 | -5.9599 | 7.153 | -0.833 | 0.001 |
| **840** | 11.5 | 14.9747 | 0.4582 | -3.4747 | 7.153 | -0.486 | 0.000 |
| **841** | 11.7 | 14.9811 | 0.4590 | -3.2811 | 7.153 | -0.459 | 0.000 |
| **842** | 6.8 | 14.9865 | 0.4597 | -8.1865 | 7.153 | -1.145 | 0.003 |
| **843** | 25.5 | 14.9886 | 0.4600 | 10.5114 | 7.153 | 1.470 | 0.004 |
| **844** | 39.9 | 15.0292 | 0.4651 | 24.8708 | 7.152 | 3.477 | 0.026 |
| **845** | 12.1 | 15.0303 | 0.4652 | -2.9303 | 7.152 | -0.410 | 0.000 |
| **846** | 15.0 | 15.0315 | 0.4654 | -0.0315 | 7.152 | -0.004 | 0.000 |
| **847** | 7.7 | 15.0393 | 0.4664 | -7.3393 | 7.152 | -1.026 | 0.002 |
| **848** | 15.0 | 15.0852 | 0.4722 | -0.0852 | 7.152 | -0.012 | 0.000 |

**The REG Procedure**
**Model: MODEL1**
**Dependent Variable: pct_over**

*Continuing contents of page 73, which would not fit on a single physical page*

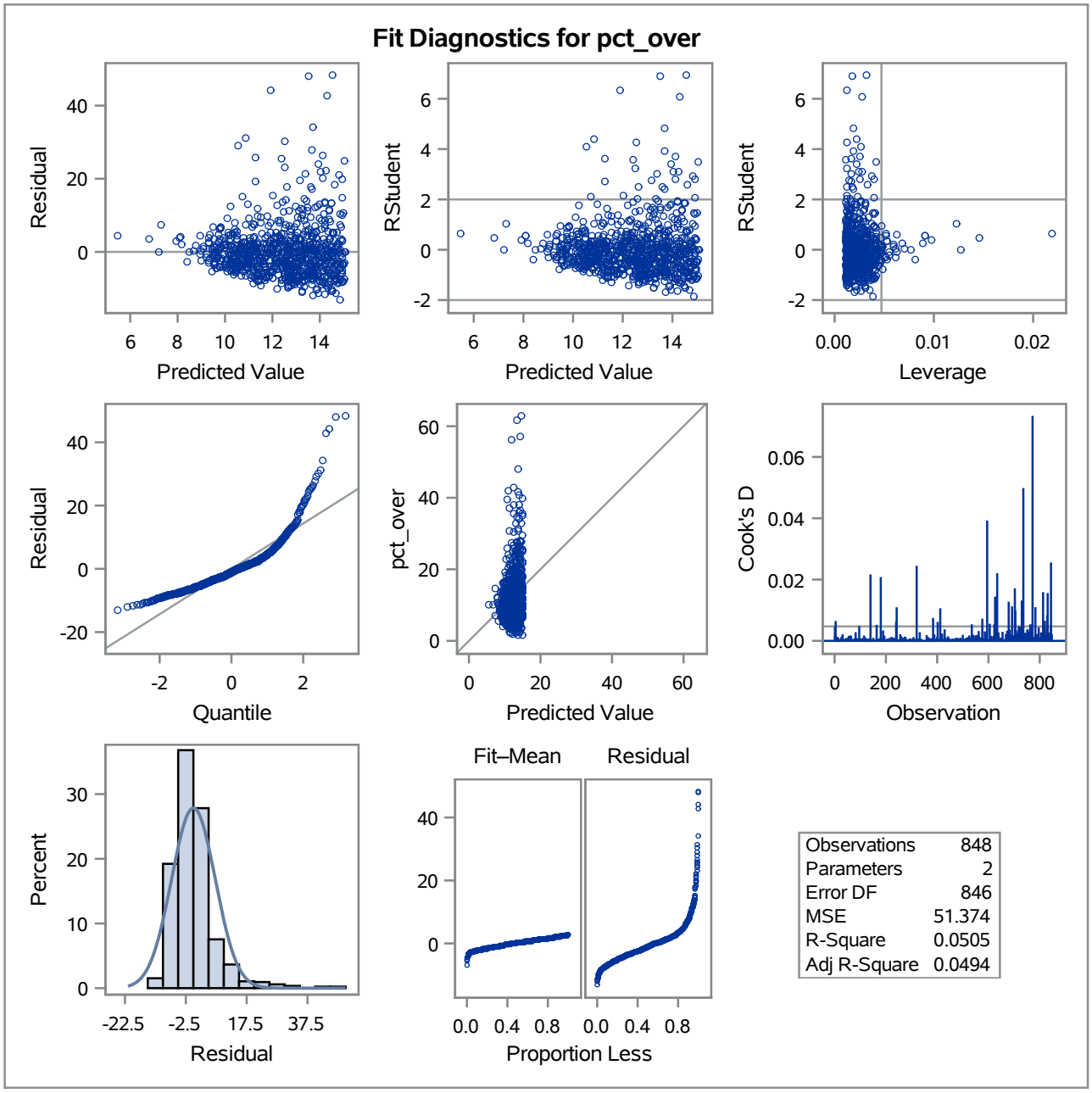
## Studentized Residuals and Cook's D for pct_over



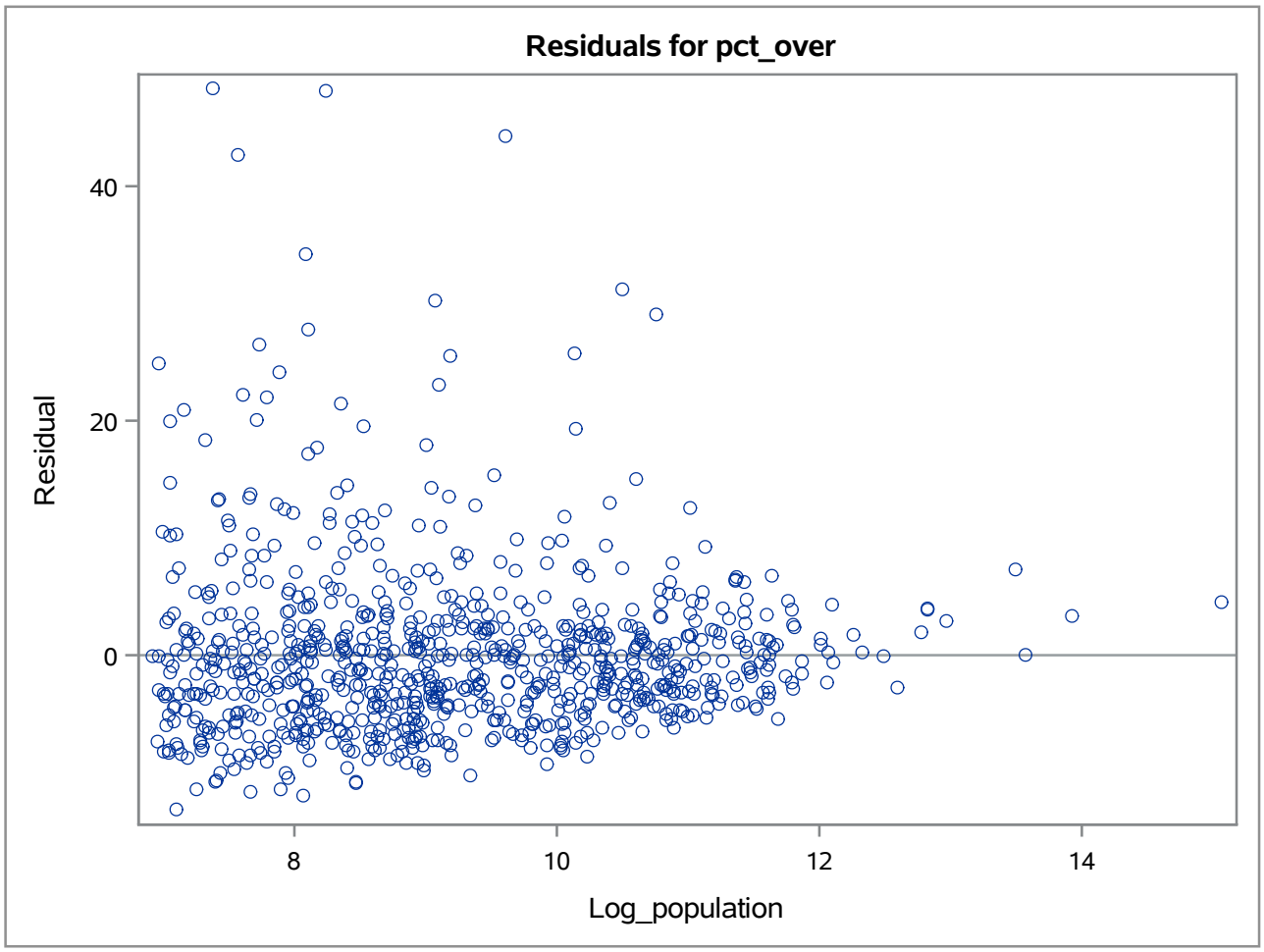

| Obs | Studentized Residuals | Cook's D |
|---|---|---|
| 1 | 0.641 | 0.005 |
| 2 | 0.477 | 0.002 |
| 3 | -0.003 | 0.000 |
| 4 | 1.023 | 0.007 |
| 5 | 0.402 | 0.001 |
| 6 | 0.547 | 0.001 |
| 7 | 0.559 | 0.001 |
| 8 | 0.272 | 0.000 |
| 9 | -0.389 | 0.001 |
| 10 | -0.013 | 0.000 |
| 11 | 0.030 | 0.000 |
| 12 | 0.242 | 0.000 |
| 13 | -0.091 | 0.000 |
| 14 | 0.608 | 0.001 |
| 15 | 0.029 | 0.000 |
| 16 | -0.322 | 0.000 |
| 17 | 0.201 | 0.000 |
| 18 | 0.130 | 0.000 |
| 19 | -0.074 | 0.000 |
| 20 | -0.215 | 0.000 |
| 21 | 0.336 | 0.000 |
| 22 | -0.408 | 0.000 |
| 23 | 0.361 | 0.000 |
| 24 | -0.326 | 0.000 |
| 25 | 0.541 | 0.001 |
| 26 | 0.649 | 0.001 |
| 27 | -0.249 | 0.000 |
| 28 | -0.762 | 0.001 |
| 29 | 0.131 | 0.000 |
| 30 | 0.098 | 0.000 |
| 31 | 0.950 | 0.002 |
| 32 | 0.164 | 0.000 |
| 33 | -0.004 | 0.000 |
| 34 | -0.117 | 0.000 |
| 35 | -0.452 | 0.000 |
| 36 | -0.523 | 0.001 |
| 37 | -0.384 | 0.000 |
| 38 | 0.189 | 0.000 |
| 39 | -0.175 | 0.000 |
| 40 | 0.482 | 0.001 |
| 41 | 0.004 | 0.000 |
| 42 | -0.445 | 0.000 |
| 43 | -0.084 | 0.000 |
| 44 | 0.193 | 0.000 |
| 45 | -0.634 | 0.001 |
| 46 | -0.608 | 0.001 |
| 47 | -0.250 | 0.000 |
| 48 | -0.209 | 0.000 |
| 49 | -0.140 | 0.000 |
| 50 | -0.157 | 0.000 |
| 51 | 0.667 | 0.001 |
| 52 | 0.037 | 0.000 |
| 53 | 0.385 | 0.000 |
| 54 | 0.105 | 0.000 |
| 55 | 0.874 | 0.002 |
| 56 | 0.509 | 0.001 |
| 57 | -0.569 | 0.001 |
| 58 | 0.154 | 0.000 |
| 59 | -0.603 | 0.001 |
| 60 | 0.208 | 0.000 |
| 61 | 0.934 | 0.002 |
| 62 | -0.353 | 0.000 |
| 63 | 0.889 | 0.002 |
| 64 | 0.903 | 0.002 |
| 65 | -0.260 | 0.000 |
| 66 | 0.435 | 0.000 |
| 67 | -0.076 | 0.000 |
| 68 | 0.552 | 0.001 |
| 69 | -0.498 | 0.000 |
| 70 | 0.256 | 0.000 |
| 71 | -0.584 | 0.001 |
| 72 | 0.156 | 0.000 |
| 73 | 0.291 | 0.000 |
| 74 | -0.298 | 0.000 |
| 75 | -0.480 | 0.000 |
| 76 | 0.301 | 0.000 |
| 77 | -0.454 | 0.000 |
| 78 | -0.385 | 0.000 |
| 79 | -0.627 | 0.001 |
| 80 | -0.740 | 0.001 |
| 81 | -0.293 | 0.000 |
| 82 | 1.285 | 0.003 |
| 83 | -0.045 | 0.000 |
| 84 | 0.750 | 0.001 |
| 85 | 0.610 | 0.001 |
| 86 | 0.190 | 0.000 |
| 87 | -0.139 | 0.000 |
| 88 | 0.406 | 0.000 |
| 89 | -0.462 | 0.000 |
| 90 | -0.365 | 0.000 |
| 91 | -0.715 | 0.001 |
| 92 | 0.654 | 0.001 |
| 93 | 0.081 | 0.000 |
| 94 | 0.247 | 0.000 |
| 95 | 0.497 | 0.000 |
| 96 | 1.754 | 0.005 |
| 97 | 0.231 | 0.000 |
| 98 | -0.427 | 0.000 |
| 99 | -0.736 | 0.001 |

**The REG Procedure**
**Model: MODEL1**
**Dependent Variable: pct_over**

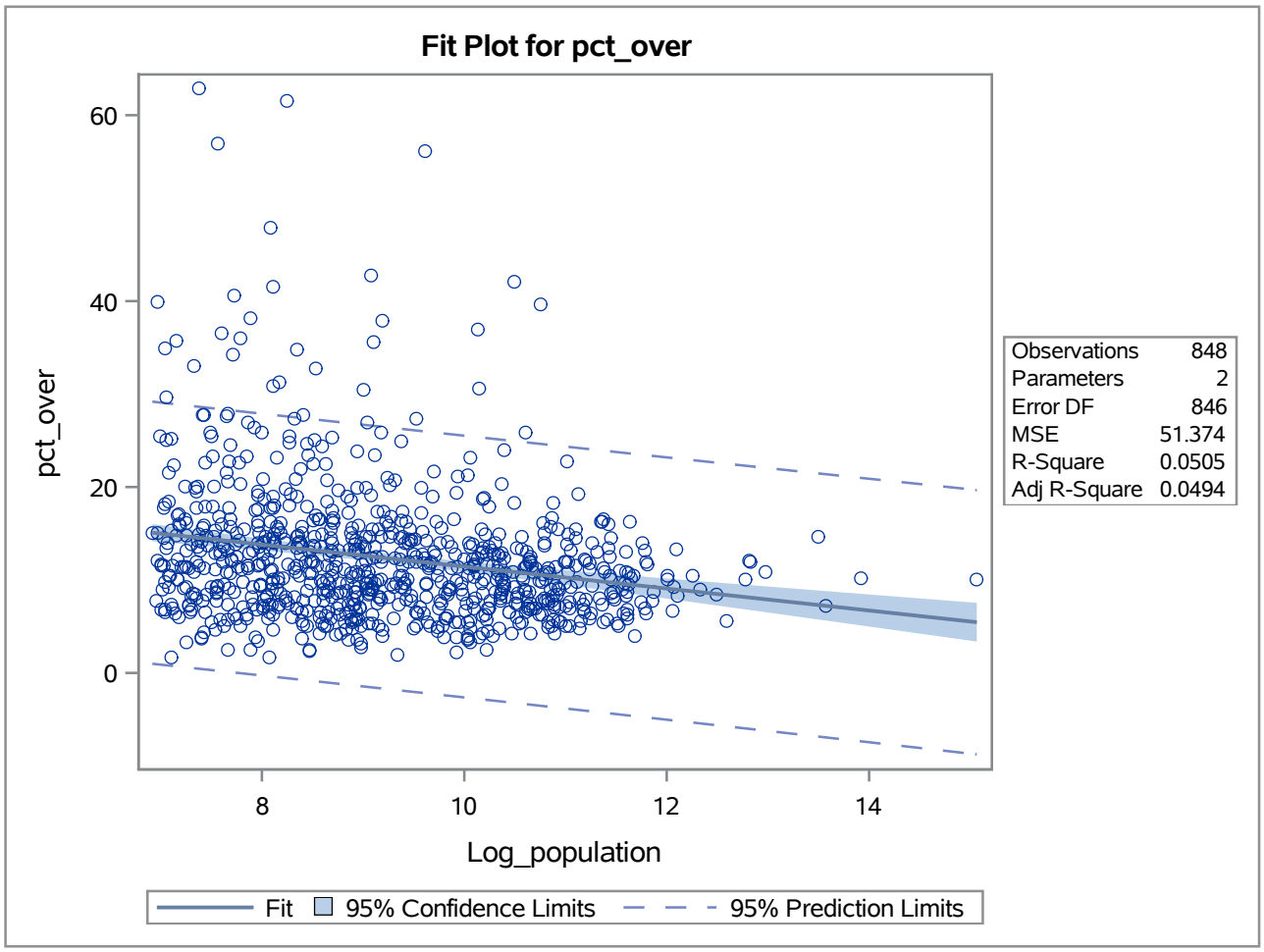
| | |
|---|---|
| **Sum of Residuals** | 0 |
| **Sum of Squared Residuals** | 43462 |
| **Predicted Residual SS (PRESS)** | 43656 |



**The REG Procedure**
**Model: MODEL1**



**The REG Procedure**
**Model: MODEL1**



## The UNIVARIATE Procedure
## Variable: Log_pct_over

| Moments | | | |
|---|---|---|---|
| **N** | 848 | **Sum Weights** | 848 |
| **Mean** | 2.37672108 | **Sum Observations** | 2015.45947 |
| **Std Deviation** | 0.52430354 | **Variance** | 0.27489421 |
| **Skewness** | -0.0043584 | **Kurtosis** | 0.76779368 |
| **Uncorrected SS** | 5023.0204 | **Corrected SS** | 232.835393 |
| **Coeff Variation** | 22.0599527 | **Std Error Mean** | 0.01800466 |

| Basic Statistical Measures | | | |
|---|---|---|---|
| **Location** | | **Variability** | |
| **Mean** | 2.376721 | **Std Deviation** | 0.52430 |
| **Median** | 2.397895 | **Variance** | 0.27489 |
| **Mode** | 2.261763 | **Range** | 3.61092 |
| | | **Interquartile Range** | 0.63980 |

| Tests for Location: Mu0=0 | | | | |
|---|---|---|---|---|
| **Test** | **Statistic** | | **p Value** | |
| **Student's t** | **t** | 132.0059 | **Pr > \|t\|** | <.0001 |
| **Sign** | **M** | 424 | **Pr >= \|M\|** | <.0001 |
| **Signed Rank** | **S** | 179988 | **Pr >= \|S\|** | <.0001 |

| Tests for Normality | | | | |
|---|---|---|---|---|
| **Test** | **Statistic** | | **p Value** | |
| **Shapiro-Wilk** | **W** | 0.992729 | **Pr < W** | 0.0004 |
| **Kolmogorov-Smirnov** | **D** | 0.042807 | **Pr > D** | <0.0100 |
| **Cramer-von Mises** | **W-Sq** | 0.243317 | **Pr > W-Sq** | <0.0050 |
| **Anderson-Darling** | **A-Sq** | 1.562179 | **Pr > A-Sq** | <0.0050 |

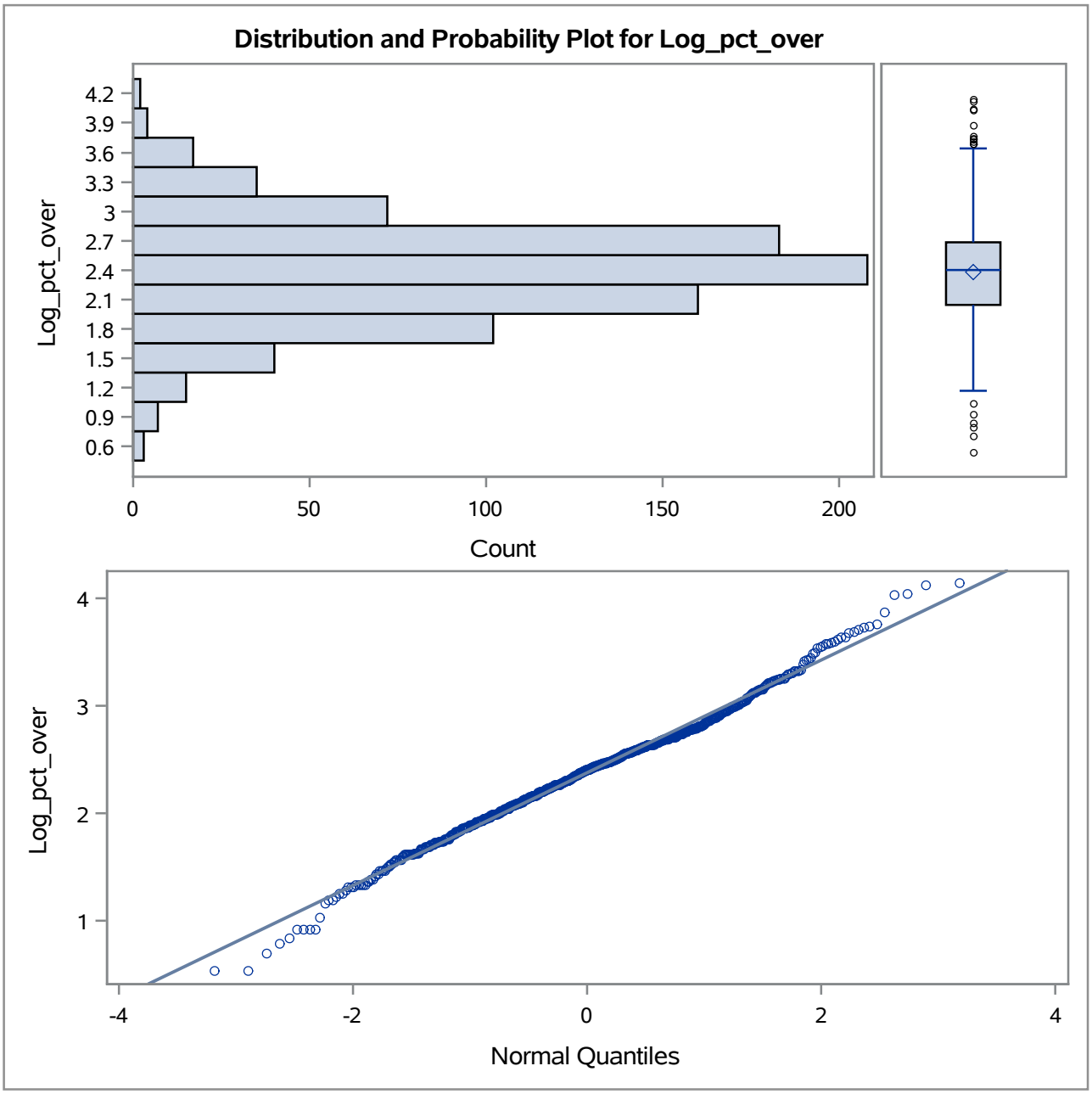
| Quantiles (Definition 5) | |
|---|---|
| **Level** | **Quantile** |
| **100% Max** | 4.141546 |
| **99%** | 3.703768 |
| **95%** | 3.238678 |
| **90%** | 3.000720 |
| **75% Q3** | 2.681022 |
| **50% Median** | 2.397895 |
| **25% Q1** | 2.041220 |

## The UNIVARIATE Procedure
## Variable: Log_pct_over

| Quantiles (Definition 5) | |
|---|---|
| **Level** | **Quantile** |
| **10%** | 1.722767 |
| **5%** | 1.547563 |
| **1%** | 0.916291 |
| **0% Min** | 0.530628 |

| Extreme Observations | | | |
|---|---|---|---|
| **Lowest** | | **Highest** | |
| **Value** | **Obs** | **Value** | **Obs** |
| 0.530628 | 820 | 3.86912 | 634 |
| 0.530628 | 639 | 4.02892 | 320 |
| 0.693147 | 366 | 4.04305 | 736 |
| 0.788457 | 276 | 4.12066 | 595 |
| 0.832909 | 549 | 4.14155 | 772 |

## The UNIVARIATE Procedure



## The UNIVARIATE Procedure
## Variable: Log_population

| Moments | | | |
|---|---|---|---|
| N | 848 | Sum Weights | 848 |
| Mean | 9.205553 | Sum Observations | 7806.30895 |
| Std Deviation | 1.39824924 | Variance | 1.95510095 |
| Skewness | 0.4356817 | Kurtosis | -0.3395154 |
| Uncorrected SS | 73517.3613 | Corrected SS | 1655.9705 |
| Coeff Variation | 15.1891933 | Std Error Mean | 0.04801608 |

| Basic Statistical Measures | | | |
|---|---|---|---|
| Location | | Variability | |
| Mean | 9.205553 | Std Deviation | 1.39825 |
| Median | 9.029597 | Variance | 1.95510 |
| Mode | 7.042286 | Range | 8.14639 |
| | | Interquartile Range | 2.21204 |

**Note: The mode displayed is the smallest of 20 modes with a count of 2.**

| Tests for Location: Mu0=0 | | | | |
|---|---|---|---|---|
| Test | Statistic | | p Value | |
| Student's t | t | 191.7181 | Pr > \|t\| | <.0001 |
| Sign | M | 424 | Pr >= \|M\| | <.0001 |
| Signed Rank | S | 179988 | Pr >= \|S\| | <.0001 |

| Tests for Normality | | | | |
|---|---|---|---|---|
| Test | Statistic | | p Value | |
| Shapiro-Wilk | W | 0.968161 | Pr < W | <0.0001 |
| Kolmogorov-Smirnov | D | 0.059277 | Pr > D | <0.0100 |
| Cramer-von Mises | W-Sq | 1.025726 | Pr > W-Sq | <0.0050 |
| Anderson-Darling | A-Sq | 6.591434 | Pr > A-Sq | <0.0050 |

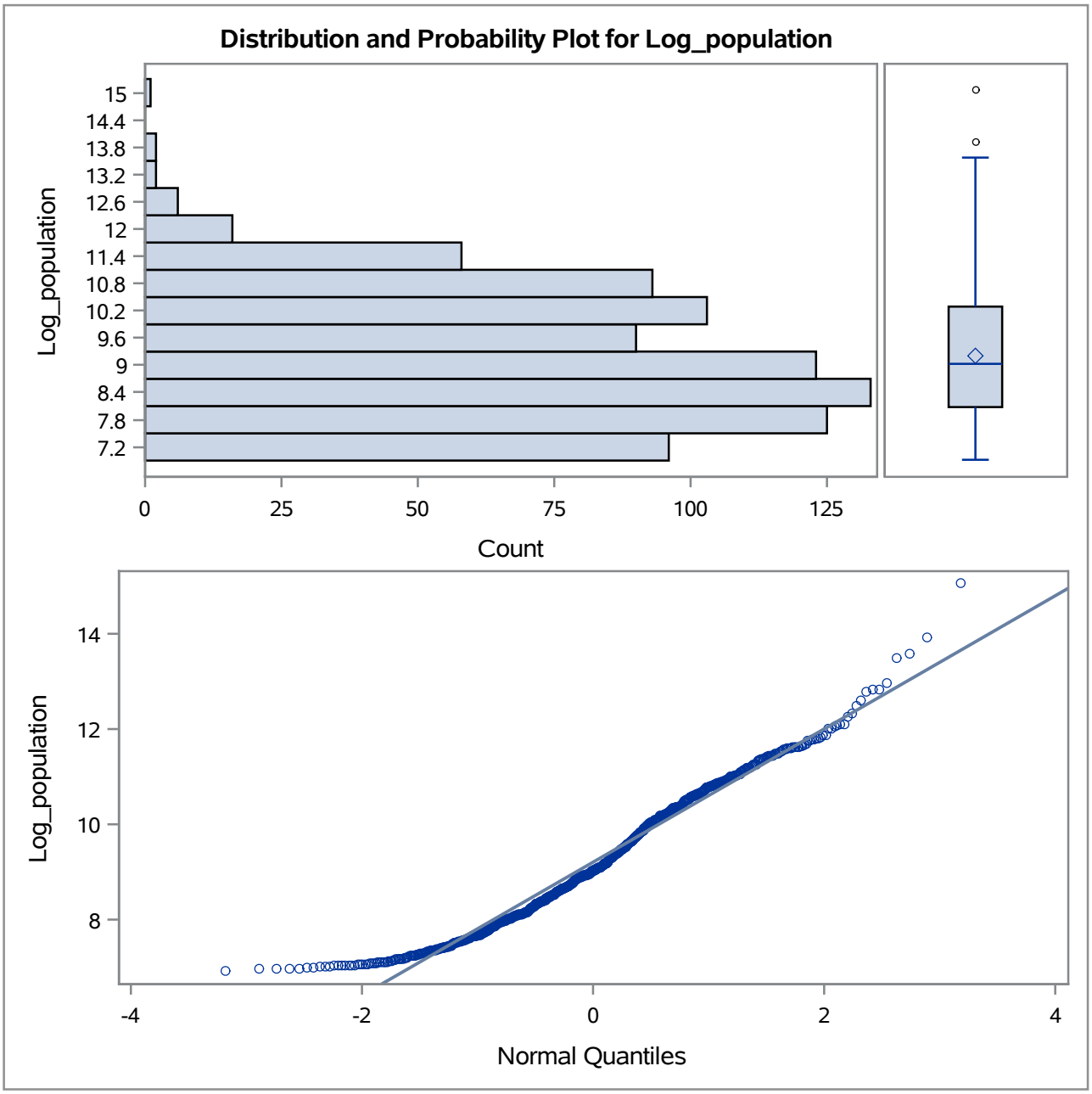
| Quantiles (Definition 5) | |
|---|---|
| Level | Quantile |
| 100% Max | 15.06409 |
| 99% | 12.59046 |
| 95% | 11.55553 |
| 90% | 11.10439 |
| 75% Q3 | 10.28949 |
| 50% Median | 9.02960 |

## The UNIVARIATE Procedure
## Variable: Log_population

| Quantiles (Definition 5) | |
|---|---|
| **Level** | **Quantile** |
| **25% Q1** | 8.07744 |
| **10%** | 7.41518 |
| **5%** | 7.18387 |
| **1%** | 7.01121 |
| **0% Min** | 6.91771 |

| Extreme Observations | | | |
|---|---|---|---|
| **Lowest** | | **Highest** | |
| **Value** | **Obs** | **Value** | **Obs** |
| 6.91771 | 848 | 12.9702 | 5 |
| 6.95655 | 847 | 13.4925 | 4 |
| 6.96319 | 846 | 13.5699 | 3 |
| 6.96414 | 845 | 13.9204 | 2 |
| 6.96508 | 844 | 15.0641 | 1 |

## The UNIVARIATE Procedure



## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| | |
|---|---|
| **Number of Observations Read** | 848 |
| **Number of Observations Used** | 848 |

| Analysis of Variance | | | | | |
|---|---|---|---|---|---|
| **Source** | **DF** | **Sum of Squares** | **Mean Square** | **F Value** | **Pr > F** |
| **Model** | 1 | 9.22306 | 9.22306 | 34.89 | <.0001 |
| **Error** | 846 | 223.61233 | 0.26432 | | |
| **Corrected Total** | 847 | 232.83539 | | | |

| | | | |
|---|---|---|---|
| **Root MSE** | 0.51412 | **R-Square** | 0.0396 |
| **Dependent Mean** | 2.37672 | **Adj R-Sq** | 0.0385 |
| **Coeff Var** | 21.63139 | | |

| Parameter Estimates | | | | | |
|---|---|---|---|---|---|
| **Variable** | **DF** | **Parameter Estimate** | **Standard Error** | **t Value** | **Pr > \|t\|** |
| **Intercept** | 1 | 3.06373 | 0.11763 | 26.04 | <.0001 |
| **Log_population** | 1 | -0.07463 | 0.01263 | -5.91 | <.0001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 1 | 2.303 | 1.9395 | 0.0761 | 0.3631 | 0.508 | 0.714 | 0.006 |
| 2 | 2.322 | 2.0249 | 0.0621 | 0.2975 | 0.510 | 0.583 | 0.003 |
| 3 | 1.974 | 2.0510 | 0.0579 | -0.0769 | 0.511 | -0.151 | 0.000 |
| 4 | 2.681 | 2.0568 | 0.0570 | 0.6242 | 0.511 | 1.222 | 0.009 |
| 5 | 2.380 | 2.0958 | 0.0507 | 0.2838 | 0.512 | 0.555 | 0.002 |
| 6 | 2.485 | 2.1064 | 0.0490 | 0.3785 | 0.512 | 0.740 | 0.003 |
| 7 | 2.493 | 2.1070 | 0.0490 | 0.3862 | 0.512 | 0.755 | 0.003 |
| 8 | 2.313 | 2.1101 | 0.0485 | 0.2024 | 0.512 | 0.395 | 0.001 |
| 9 | 1.723 | 2.1241 | 0.0463 | -0.4013 | 0.512 | -0.784 | 0.003 |
| 10 | 2.128 | 2.1314 | 0.0451 | -0.003165 | 0.512 | -0.006 | 0.000 |
| 11 | 2.186 | 2.1435 | 0.0432 | 0.0425 | 0.512 | 0.083 | 0.000 |
| 12 | 2.351 | 2.1488 | 0.0424 | 0.2026 | 0.512 | 0.395 | 0.001 |
| 13 | 2.116 | 2.1600 | 0.0407 | -0.0438 | 0.513 | -0.085 | 0.000 |
| 14 | 2.588 | 2.1606 | 0.0406 | 0.4271 | 0.513 | 0.833 | 0.002 |
| 15 | 2.219 | 2.1628 | 0.0403 | 0.0564 | 0.513 | 0.110 | 0.000 |
| 16 | 1.902 | 2.1635 | 0.0402 | -0.2614 | 0.513 | -0.510 | 0.001 |
| 17 | 2.351 | 2.1673 | 0.0396 | 0.1841 | 0.513 | 0.359 | 0.000 |
| 18 | 2.303 | 2.1675 | 0.0396 | 0.1351 | 0.513 | 0.263 | 0.000 |
| 19 | 2.163 | 2.1778 | 0.0380 | -0.0145 | 0.513 | -0.028 | 0.000 |
| 20 | 2.041 | 2.1782 | 0.0380 | -0.1370 | 0.513 | -0.267 | 0.000 |
| 21 | 2.460 | 2.1820 | 0.0374 | 0.2776 | 0.513 | 0.541 | 0.001 |
| 22 | 1.856 | 2.1831 | 0.0372 | -0.3268 | 0.513 | -0.637 | 0.001 |
| 23 | 2.477 | 2.1832 | 0.0372 | 0.2934 | 0.513 | 0.572 | 0.001 |
| 24 | 1.946 | 2.1840 | 0.0371 | -0.2380 | 0.513 | -0.464 | 0.001 |
| 25 | 2.580 | 2.1840 | 0.0371 | 0.3962 | 0.513 | 0.773 | 0.002 |
| 26 | 2.639 | 2.1859 | 0.0368 | 0.4532 | 0.513 | 0.884 | 0.002 |
| 27 | 2.028 | 2.1871 | 0.0366 | -0.1589 | 0.513 | -0.310 | 0.000 |
| 28 | 1.386 | 2.1917 | 0.0360 | -0.8054 | 0.513 | -1.570 | 0.006 |
| 29 | 2.342 | 2.1927 | 0.0358 | 0.1491 | 0.513 | 0.291 | 0.000 |
| 30 | 2.322 | 2.1946 | 0.0355 | 0.1277 | 0.513 | 0.249 | 0.000 |
| 31 | 2.791 | 2.1952 | 0.0354 | 0.5960 | 0.513 | 1.162 | 0.003 |
| 32 | 2.370 | 2.1964 | 0.0353 | 0.1738 | 0.513 | 0.339 | 0.000 |
| 33 | 2.251 | 2.1965 | 0.0352 | 0.0548 | 0.513 | 0.107 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 34 | 2.163 | 2.1970 | 0.0352 | -0.0336 | 0.513 | -0.066 | 0.000 |
| 35 | 1.841 | 2.1970 | 0.0352 | -0.3564 | 0.513 | -0.695 | 0.001 |
| 36 | 1.758 | 2.1972 | 0.0351 | -0.4393 | 0.513 | -0.857 | 0.002 |
| 37 | 1.917 | 2.1977 | 0.0351 | -0.2808 | 0.513 | -0.547 | 0.001 |
| 38 | 2.389 | 2.1980 | 0.0350 | 0.1908 | 0.513 | 0.372 | 0.000 |
| 39 | 2.116 | 2.1982 | 0.0350 | -0.0820 | 0.513 | -0.160 | 0.000 |
| 40 | 2.565 | 2.1983 | 0.0350 | 0.3666 | 0.513 | 0.715 | 0.001 |
| 41 | 2.262 | 2.1992 | 0.0349 | 0.0626 | 0.513 | 0.122 | 0.000 |
| 42 | 1.856 | 2.2000 | 0.0347 | -0.3437 | 0.513 | -0.670 | 0.001 |
| 43 | 2.197 | 2.2013 | 0.0345 | -0.004119 | 0.513 | -0.008 | 0.000 |
| 44 | 2.398 | 2.2025 | 0.0344 | 0.1954 | 0.513 | 0.381 | 0.000 |
| 45 | 1.629 | 2.2035 | 0.0342 | -0.5742 | 0.513 | -1.119 | 0.003 |
| 46 | 1.668 | 2.2044 | 0.0341 | -0.5367 | 0.513 | -1.046 | 0.002 |
| 47 | 2.067 | 2.2066 | 0.0338 | -0.1397 | 0.513 | -0.272 | 0.000 |
| 48 | 2.104 | 2.2073 | 0.0337 | -0.1032 | 0.513 | -0.201 | 0.000 |
| 49 | 2.163 | 2.2075 | 0.0337 | -0.0442 | 0.513 | -0.086 | 0.000 |
| 50 | 2.152 | 2.2089 | 0.0334 | -0.0572 | 0.513 | -0.111 | 0.000 |
| 51 | 2.674 | 2.2094 | 0.0334 | 0.4647 | 0.513 | 0.906 | 0.002 |
| 52 | 2.303 | 2.2094 | 0.0334 | 0.0931 | 0.513 | 0.182 | 0.000 |
| 53 | 2.526 | 2.2103 | 0.0333 | 0.3154 | 0.513 | 0.615 | 0.001 |
| 54 | 2.351 | 2.2105 | 0.0332 | 0.1409 | 0.513 | 0.275 | 0.000 |
| 55 | 2.773 | 2.2107 | 0.0332 | 0.5619 | 0.513 | 1.095 | 0.003 |
| 56 | 2.595 | 2.2112 | 0.0331 | 0.3841 | 0.513 | 0.749 | 0.001 |
| 57 | 1.740 | 2.2120 | 0.0330 | -0.4715 | 0.513 | -0.919 | 0.002 |
| 58 | 2.389 | 2.2135 | 0.0328 | 0.1753 | 0.513 | 0.342 | 0.000 |
| 59 | 1.705 | 2.2145 | 0.0327 | -0.5097 | 0.513 | -0.993 | 0.002 |
| 60 | 2.425 | 2.2146 | 0.0326 | 0.2103 | 0.513 | 0.410 | 0.000 |
| 61 | 2.803 | 2.2150 | 0.0326 | 0.5884 | 0.513 | 1.147 | 0.003 |
| 62 | 1.988 | 2.2155 | 0.0325 | -0.2277 | 0.513 | -0.444 | 0.000 |
| 63 | 2.785 | 2.2162 | 0.0324 | 0.5689 | 0.513 | 1.109 | 0.002 |
| 64 | 2.791 | 2.2162 | 0.0324 | 0.5749 | 0.513 | 1.121 | 0.003 |
| 65 | 2.079 | 2.2175 | 0.0322 | -0.1381 | 0.513 | -0.269 | 0.000 |
| 66 | 2.565 | 2.2192 | 0.0320 | 0.3457 | 0.513 | 0.674 | 0.001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 67 | 2.241 | 2.2230 | 0.0315 | 0.0178 | 0.513 | 0.035 | 0.000 |
| 68 | 2.632 | 2.2234 | 0.0314 | 0.4085 | 0.513 | 0.796 | 0.001 |
| 69 | 1.856 | 2.2238 | 0.0313 | -0.3675 | 0.513 | -0.716 | 0.001 |
| 70 | 2.468 | 2.2246 | 0.0312 | 0.2435 | 0.513 | 0.475 | 0.000 |
| 71 | 1.758 | 2.2249 | 0.0312 | -0.4671 | 0.513 | -0.910 | 0.002 |
| 72 | 2.407 | 2.2254 | 0.0311 | 0.1816 | 0.513 | 0.354 | 0.000 |
| 73 | 2.493 | 2.2274 | 0.0308 | 0.2658 | 0.513 | 0.518 | 0.000 |
| 74 | 2.067 | 2.2282 | 0.0307 | -0.1613 | 0.513 | -0.314 | 0.000 |
| 75 | 1.887 | 2.2286 | 0.0307 | -0.3416 | 0.513 | -0.666 | 0.001 |
| 76 | 2.501 | 2.2292 | 0.0306 | 0.2723 | 0.513 | 0.531 | 0.000 |
| 77 | 1.917 | 2.2296 | 0.0305 | -0.3127 | 0.513 | -0.609 | 0.001 |
| 78 | 1.988 | 2.2297 | 0.0305 | -0.2418 | 0.513 | -0.471 | 0.000 |
| 79 | 1.723 | 2.2319 | 0.0302 | -0.5091 | 0.513 | -0.992 | 0.002 |
| 80 | 1.569 | 2.2324 | 0.0301 | -0.6638 | 0.513 | -1.293 | 0.003 |
| 81 | 2.079 | 2.2324 | 0.0301 | -0.1530 | 0.513 | -0.298 | 0.000 |
| 82 | 2.960 | 2.2331 | 0.0301 | 0.7270 | 0.513 | 1.417 | 0.003 |
| 83 | 2.282 | 2.2339 | 0.0299 | 0.0485 | 0.513 | 0.094 | 0.000 |
| 84 | 2.741 | 2.2348 | 0.0298 | 0.5060 | 0.513 | 0.986 | 0.002 |
| 85 | 2.674 | 2.2350 | 0.0298 | 0.4391 | 0.513 | 0.856 | 0.001 |
| 86 | 2.442 | 2.2355 | 0.0297 | 0.2069 | 0.513 | 0.403 | 0.000 |
| 87 | 2.219 | 2.2386 | 0.0293 | -0.0194 | 0.513 | -0.038 | 0.000 |
| 88 | 2.573 | 2.2389 | 0.0293 | 0.3338 | 0.513 | 0.650 | 0.001 |
| 89 | 1.932 | 2.2394 | 0.0292 | -0.3079 | 0.513 | -0.600 | 0.001 |
| 90 | 2.028 | 2.2400 | 0.0291 | -0.2118 | 0.513 | -0.413 | 0.000 |
| 91 | 1.629 | 2.2403 | 0.0291 | -0.6110 | 0.513 | -1.190 | 0.002 |
| 92 | 2.701 | 2.2404 | 0.0291 | 0.4610 | 0.513 | 0.898 | 0.001 |
| 93 | 2.380 | 2.2404 | 0.0291 | 0.1391 | 0.513 | 0.271 | 0.000 |
| 94 | 2.485 | 2.2411 | 0.0290 | 0.2438 | 0.513 | 0.475 | 0.000 |
| 95 | 2.625 | 2.2417 | 0.0289 | 0.3829 | 0.513 | 0.746 | 0.001 |
| 96 | 3.127 | 2.2419 | 0.0288 | 0.8848 | 0.513 | 1.724 | 0.005 |
| 97 | 2.477 | 2.2422 | 0.0288 | 0.2344 | 0.513 | 0.457 | 0.000 |
| 98 | 1.974 | 2.2424 | 0.0288 | -0.2684 | 0.513 | -0.523 | 0.000 |
| 99 | 1.609 | 2.2430 | 0.0287 | -0.6336 | 0.513 | -1.234 | 0.002 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 100 | 2.477 | 2.2432 | 0.0287 | 0.2333 | 0.513 | 0.455 | 0.000 |
| 101 | 2.262 | 2.2437 | 0.0286 | 0.0181 | 0.513 | 0.035 | 0.000 |
| 102 | 1.705 | 2.2463 | 0.0283 | -0.5415 | 0.513 | -1.055 | 0.002 |
| 103 | 1.960 | 2.2468 | 0.0282 | -0.2867 | 0.513 | -0.559 | 0.000 |
| 104 | 2.197 | 2.2475 | 0.0281 | -0.0503 | 0.513 | -0.098 | 0.000 |
| 105 | 1.723 | 2.2477 | 0.0281 | -0.5249 | 0.513 | -1.023 | 0.002 |
| 106 | 2.741 | 2.2479 | 0.0281 | 0.4929 | 0.513 | 0.960 | 0.001 |
| 107 | 2.208 | 2.2486 | 0.0280 | -0.0403 | 0.513 | -0.079 | 0.000 |
| 108 | 2.128 | 2.2487 | 0.0280 | -0.1205 | 0.513 | -0.235 | 0.000 |
| 109 | 2.434 | 2.2501 | 0.0278 | 0.1835 | 0.513 | 0.358 | 0.000 |
| 110 | 2.241 | 2.2502 | 0.0278 | -0.009455 | 0.513 | -0.018 | 0.000 |
| 111 | 1.960 | 2.2508 | 0.0277 | -0.2907 | 0.513 | -0.566 | 0.000 |
| 112 | 1.988 | 2.2509 | 0.0277 | -0.2631 | 0.513 | -0.512 | 0.000 |
| 113 | 1.435 | 2.2510 | 0.0277 | -0.8159 | 0.513 | -1.589 | 0.004 |
| 114 | 1.740 | 2.2516 | 0.0276 | -0.5111 | 0.513 | -0.996 | 0.001 |
| 115 | 2.907 | 2.2520 | 0.0275 | 0.6549 | 0.513 | 1.276 | 0.002 |
| 116 | 2.116 | 2.2520 | 0.0275 | -0.1358 | 0.513 | -0.264 | 0.000 |
| 117 | 1.609 | 2.2527 | 0.0274 | -0.6433 | 0.513 | -1.253 | 0.002 |
| 118 | 2.041 | 2.2528 | 0.0274 | -0.2116 | 0.513 | -0.412 | 0.000 |
| 119 | 2.815 | 2.2529 | 0.0274 | 0.5625 | 0.513 | 1.096 | 0.002 |
| 120 | 2.754 | 2.2535 | 0.0273 | 0.5002 | 0.513 | 0.974 | 0.001 |
| 121 | 2.197 | 2.2538 | 0.0273 | -0.0566 | 0.513 | -0.110 | 0.000 |
| 122 | 2.370 | 2.2544 | 0.0272 | 0.1159 | 0.513 | 0.226 | 0.000 |
| 123 | 2.015 | 2.2552 | 0.0271 | -0.2403 | 0.513 | -0.468 | 0.000 |
| 124 | 1.589 | 2.2552 | 0.0271 | -0.6660 | 0.513 | -1.297 | 0.002 |
| 125 | 1.686 | 2.2554 | 0.0271 | -0.5690 | 0.513 | -1.108 | 0.002 |
| 126 | 2.425 | 2.2556 | 0.0271 | 0.1692 | 0.513 | 0.330 | 0.000 |
| 127 | 2.067 | 2.2558 | 0.0270 | -0.1889 | 0.513 | -0.368 | 0.000 |
| 128 | 2.389 | 2.2565 | 0.0269 | 0.1323 | 0.513 | 0.258 | 0.000 |
| 129 | 2.054 | 2.2570 | 0.0269 | -0.2029 | 0.513 | -0.395 | 0.000 |
| 130 | 2.313 | 2.2577 | 0.0268 | 0.0548 | 0.513 | 0.107 | 0.000 |
| 131 | 2.079 | 2.2582 | 0.0267 | -0.1787 | 0.513 | -0.348 | 0.000 |
| 132 | 2.617 | 2.2582 | 0.0267 | 0.3592 | 0.513 | 0.700 | 0.001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 133 | 2.708 | 2.2583 | 0.0267 | 0.4497 | 0.513 | 0.876 | 0.001 |
| 134 | 2.632 | 2.2587 | 0.0267 | 0.3732 | 0.513 | 0.727 | 0.001 |
| 135 | 2.779 | 2.2588 | 0.0266 | 0.5200 | 0.513 | 1.013 | 0.001 |
| 136 | 2.361 | 2.2596 | 0.0266 | 0.1013 | 0.513 | 0.197 | 0.000 |
| 137 | 1.825 | 2.2598 | 0.0265 | -0.4353 | 0.513 | -0.848 | 0.001 |
| 138 | 2.282 | 2.2599 | 0.0265 | 0.0224 | 0.513 | 0.044 | 0.000 |
| 139 | 2.041 | 2.2600 | 0.0265 | -0.2188 | 0.513 | -0.426 | 0.000 |
| 140 | 3.679 | 2.2613 | 0.0263 | 1.4175 | 0.513 | 2.761 | 0.010 |
| 141 | 1.825 | 2.2621 | 0.0262 | -0.4376 | 0.513 | -0.852 | 0.001 |
| 142 | 2.293 | 2.2623 | 0.0262 | 0.0302 | 0.513 | 0.059 | 0.000 |
| 143 | 2.425 | 2.2646 | 0.0259 | 0.1602 | 0.513 | 0.312 | 0.000 |
| 144 | 1.932 | 2.2651 | 0.0259 | -0.3336 | 0.513 | -0.650 | 0.001 |
| 145 | 1.946 | 2.2666 | 0.0257 | -0.3207 | 0.513 | -0.625 | 0.000 |
| 146 | 2.380 | 2.2671 | 0.0256 | 0.1124 | 0.513 | 0.219 | 0.000 |
| 147 | 2.451 | 2.2672 | 0.0256 | 0.1838 | 0.513 | 0.358 | 0.000 |
| 148 | 2.477 | 2.2681 | 0.0255 | 0.2084 | 0.513 | 0.406 | 0.000 |
| 149 | 2.015 | 2.2681 | 0.0255 | -0.2532 | 0.513 | -0.493 | 0.000 |
| 150 | 1.917 | 2.2681 | 0.0255 | -0.3512 | 0.513 | -0.684 | 0.001 |
| 151 | 1.435 | 2.2686 | 0.0254 | -0.8336 | 0.513 | -1.623 | 0.003 |
| 152 | 2.526 | 2.2689 | 0.0254 | 0.2568 | 0.513 | 0.500 | 0.000 |
| 153 | 2.163 | 2.2691 | 0.0254 | -0.1058 | 0.513 | -0.206 | 0.000 |
| 154 | 2.501 | 2.2693 | 0.0253 | 0.2321 | 0.513 | 0.452 | 0.000 |
| 155 | 2.485 | 2.2699 | 0.0253 | 0.2150 | 0.513 | 0.419 | 0.000 |
| 156 | 1.932 | 2.2705 | 0.0252 | -0.3389 | 0.513 | -0.660 | 0.001 |
| 157 | 1.974 | 2.2706 | 0.0252 | -0.2965 | 0.514 | -0.577 | 0.000 |
| 158 | 2.565 | 2.2709 | 0.0252 | 0.2941 | 0.514 | 0.573 | 0.000 |
| 159 | 2.104 | 2.2715 | 0.0251 | -0.1673 | 0.514 | -0.326 | 0.000 |
| 160 | 2.451 | 2.2717 | 0.0251 | 0.1793 | 0.514 | 0.349 | 0.000 |
| 161 | 2.434 | 2.2721 | 0.0250 | 0.1615 | 0.514 | 0.315 | 0.000 |
| 162 | 2.175 | 2.2724 | 0.0250 | -0.0977 | 0.514 | -0.190 | 0.000 |
| 163 | 1.887 | 2.2725 | 0.0250 | -0.3854 | 0.514 | -0.751 | 0.001 |
| 164 | 3.250 | 2.2726 | 0.0250 | 0.9778 | 0.514 | 1.904 | 0.004 |
| 165 | 2.197 | 2.2728 | 0.0249 | -0.0755 | 0.514 | -0.147 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 166 | 2.416 | 2.2733 | 0.0249 | 0.1426 | 0.514 | 0.278 | 0.000 |
| 167 | 2.303 | 2.2740 | 0.0248 | 0.0286 | 0.514 | 0.056 | 0.000 |
| 168 | 2.688 | 2.2748 | 0.0247 | 0.4130 | 0.514 | 0.804 | 0.001 |
| 169 | 2.351 | 2.2749 | 0.0247 | 0.0765 | 0.514 | 0.149 | 0.000 |
| 170 | 1.686 | 2.2750 | 0.0247 | -0.5886 | 0.514 | -1.146 | 0.002 |
| 171 | 2.588 | 2.2752 | 0.0246 | 0.3126 | 0.514 | 0.609 | 0.000 |
| 172 | 1.668 | 2.2770 | 0.0244 | -0.6093 | 0.514 | -1.186 | 0.002 |
| 173 | 2.001 | 2.2774 | 0.0244 | -0.2759 | 0.514 | -0.537 | 0.000 |
| 174 | 2.140 | 2.2774 | 0.0244 | -0.1374 | 0.514 | -0.267 | 0.000 |
| 175 | 2.595 | 2.2785 | 0.0243 | 0.3168 | 0.514 | 0.617 | 0.000 |
| 176 | 1.792 | 2.2788 | 0.0242 | -0.4871 | 0.514 | -0.948 | 0.001 |
| 177 | 2.092 | 2.2791 | 0.0242 | -0.1873 | 0.514 | -0.365 | 0.000 |
| 178 | 2.015 | 2.2801 | 0.0241 | -0.2652 | 0.514 | -0.516 | 0.000 |
| 179 | 2.907 | 2.2805 | 0.0240 | 0.6264 | 0.514 | 1.220 | 0.002 |
| 180 | 3.740 | 2.2806 | 0.0240 | 1.4595 | 0.514 | 2.842 | 0.009 |
| 181 | 2.230 | 2.2807 | 0.0240 | -0.0507 | 0.514 | -0.099 | 0.000 |
| 182 | 2.380 | 2.2813 | 0.0239 | 0.0983 | 0.514 | 0.191 | 0.000 |
| 183 | 1.459 | 2.2822 | 0.0238 | -0.8236 | 0.514 | -1.604 | 0.003 |
| 184 | 1.887 | 2.2841 | 0.0236 | -0.3970 | 0.514 | -0.773 | 0.001 |
| 185 | 1.872 | 2.2842 | 0.0236 | -0.4124 | 0.514 | -0.803 | 0.001 |
| 186 | 2.092 | 2.2860 | 0.0234 | -0.1941 | 0.514 | -0.378 | 0.000 |
| 187 | 2.370 | 2.2867 | 0.0233 | 0.0835 | 0.514 | 0.163 | 0.000 |
| 188 | 2.230 | 2.2875 | 0.0232 | -0.0575 | 0.514 | -0.112 | 0.000 |
| 189 | 3.178 | 2.2877 | 0.0232 | 0.8904 | 0.514 | 1.734 | 0.003 |
| 190 | 2.262 | 2.2878 | 0.0232 | -0.0260 | 0.514 | -0.051 | 0.000 |
| 191 | 2.518 | 2.2884 | 0.0231 | 0.2293 | 0.514 | 0.446 | 0.000 |
| 192 | 2.241 | 2.2886 | 0.0231 | -0.0479 | 0.514 | -0.093 | 0.000 |
| 193 | 2.152 | 2.2894 | 0.0230 | -0.1376 | 0.514 | -0.268 | 0.000 |
| 194 | 3.011 | 2.2896 | 0.0230 | 0.7210 | 0.514 | 1.404 | 0.002 |
| 195 | 2.557 | 2.2897 | 0.0230 | 0.2676 | 0.514 | 0.521 | 0.000 |
| 196 | 2.303 | 2.2898 | 0.0230 | 0.0128 | 0.514 | 0.025 | 0.000 |
| 197 | 2.303 | 2.2898 | 0.0230 | 0.0128 | 0.514 | 0.025 | 0.000 |
| 198 | 2.197 | 2.2900 | 0.0230 | -0.0928 | 0.514 | -0.181 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 199 | 2.460 | 2.2905 | 0.0229 | 0.1691 | 0.514 | 0.329 | 0.000 |
| 200 | 2.041 | 2.2908 | 0.0229 | -0.2495 | 0.514 | -0.486 | 0.000 |
| 201 | 2.079 | 2.2910 | 0.0229 | -0.2116 | 0.514 | -0.412 | 0.000 |
| 202 | 2.128 | 2.2912 | 0.0228 | -0.1630 | 0.514 | -0.317 | 0.000 |
| 203 | 2.701 | 2.2917 | 0.0228 | 0.4097 | 0.514 | 0.798 | 0.001 |
| 204 | 2.534 | 2.2917 | 0.0228 | 0.2420 | 0.514 | 0.471 | 0.000 |
| 205 | 1.569 | 2.2918 | 0.0228 | -0.7232 | 0.514 | -1.408 | 0.002 |
| 206 | 2.398 | 2.2922 | 0.0227 | 0.1057 | 0.514 | 0.206 | 0.000 |
| 207 | 2.549 | 2.2922 | 0.0227 | 0.2573 | 0.514 | 0.501 | 0.000 |
| 208 | 2.361 | 2.2926 | 0.0227 | 0.0683 | 0.514 | 0.133 | 0.000 |
| 209 | 2.303 | 2.2932 | 0.0226 | 0.009422 | 0.514 | 0.018 | 0.000 |
| 210 | 2.632 | 2.2942 | 0.0225 | 0.3377 | 0.514 | 0.658 | 0.000 |
| 211 | 2.163 | 2.2949 | 0.0224 | -0.1315 | 0.514 | -0.256 | 0.000 |
| 212 | 2.549 | 2.2955 | 0.0224 | 0.2540 | 0.514 | 0.494 | 0.000 |
| 213 | 2.451 | 2.2962 | 0.0223 | 0.1548 | 0.514 | 0.301 | 0.000 |
| 214 | 1.361 | 2.2966 | 0.0223 | -0.9357 | 0.514 | -1.822 | 0.003 |
| 215 | 2.573 | 2.2972 | 0.0222 | 0.2754 | 0.514 | 0.536 | 0.000 |
| 216 | 2.054 | 2.2984 | 0.0221 | -0.2443 | 0.514 | -0.476 | 0.000 |
| 217 | 1.946 | 2.2991 | 0.0220 | -0.3531 | 0.514 | -0.688 | 0.000 |
| 218 | 2.610 | 2.2994 | 0.0220 | 0.3107 | 0.514 | 0.605 | 0.000 |
| 219 | 2.885 | 2.2994 | 0.0220 | 0.5854 | 0.514 | 1.140 | 0.001 |
| 220 | 1.504 | 2.2999 | 0.0219 | -0.7958 | 0.514 | -1.549 | 0.002 |
| 221 | 1.932 | 2.3003 | 0.0219 | -0.3687 | 0.514 | -0.718 | 0.000 |
| 222 | 0.916 | 2.3006 | 0.0219 | -1.3843 | 0.514 | -2.695 | 0.007 |
| 223 | 2.460 | 2.3010 | 0.0218 | 0.1585 | 0.514 | 0.309 | 0.000 |
| 224 | 2.542 | 2.3013 | 0.0218 | 0.2403 | 0.514 | 0.468 | 0.000 |
| 225 | 1.740 | 2.3013 | 0.0218 | -0.5609 | 0.514 | -1.092 | 0.001 |
| 226 | 1.841 | 2.3020 | 0.0217 | -0.4614 | 0.514 | -0.898 | 0.001 |
| 227 | 2.701 | 2.3022 | 0.0217 | 0.3992 | 0.514 | 0.777 | 0.001 |
| 228 | 2.313 | 2.3026 | 0.0217 | 0.009929 | 0.514 | 0.019 | 0.000 |
| 229 | 2.934 | 2.3028 | 0.0216 | 0.6311 | 0.514 | 1.229 | 0.001 |
| 230 | 2.595 | 2.3035 | 0.0216 | 0.2918 | 0.514 | 0.568 | 0.000 |
| 231 | 2.565 | 2.3035 | 0.0216 | 0.2614 | 0.514 | 0.509 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 232 | 1.808 | 2.3036 | 0.0216 | -0.4953 | 0.514 | -0.964 | 0.001 |
| 233 | 1.459 | 2.3038 | 0.0215 | -0.8452 | 0.514 | -1.645 | 0.002 |
| 234 | 2.140 | 2.3042 | 0.0215 | -0.1641 | 0.514 | -0.319 | 0.000 |
| 235 | 2.929 | 2.3042 | 0.0215 | 0.6243 | 0.514 | 1.215 | 0.001 |
| 236 | 2.262 | 2.3043 | 0.0215 | -0.0425 | 0.514 | -0.083 | 0.000 |
| 237 | 2.557 | 2.3045 | 0.0215 | 0.2527 | 0.514 | 0.492 | 0.000 |
| 238 | 2.741 | 2.3046 | 0.0215 | 0.4363 | 0.514 | 0.849 | 0.001 |
| 239 | 1.335 | 2.3065 | 0.0213 | -0.9715 | 0.514 | -1.891 | 0.003 |
| 240 | 3.421 | 2.3068 | 0.0213 | 1.1142 | 0.514 | 2.169 | 0.004 |
| 241 | 2.370 | 2.3075 | 0.0212 | 0.0627 | 0.514 | 0.122 | 0.000 |
| 242 | 3.611 | 2.3077 | 0.0212 | 1.3032 | 0.514 | 2.537 | 0.005 |
| 243 | 2.510 | 2.3078 | 0.0212 | 0.2018 | 0.514 | 0.393 | 0.000 |
| 244 | 2.079 | 2.3097 | 0.0210 | -0.2302 | 0.514 | -0.448 | 0.000 |
| 245 | 1.946 | 2.3099 | 0.0210 | -0.3640 | 0.514 | -0.709 | 0.000 |
| 246 | 2.460 | 2.3099 | 0.0210 | 0.1497 | 0.514 | 0.291 | 0.000 |
| 247 | 2.442 | 2.3100 | 0.0210 | 0.1323 | 0.514 | 0.258 | 0.000 |
| 248 | 2.332 | 2.3105 | 0.0209 | 0.0216 | 0.514 | 0.042 | 0.000 |
| 249 | 2.434 | 2.3106 | 0.0209 | 0.1230 | 0.514 | 0.239 | 0.000 |
| 250 | 2.625 | 2.3111 | 0.0209 | 0.3136 | 0.514 | 0.610 | 0.000 |
| 251 | 2.501 | 2.3112 | 0.0208 | 0.1902 | 0.514 | 0.370 | 0.000 |
| 252 | 2.028 | 2.3113 | 0.0208 | -0.2831 | 0.514 | -0.551 | 0.000 |
| 253 | 2.603 | 2.3126 | 0.0207 | 0.2901 | 0.514 | 0.565 | 0.000 |
| 254 | 1.723 | 2.3128 | 0.0207 | -0.5900 | 0.514 | -1.149 | 0.001 |
| 255 | 1.569 | 2.3132 | 0.0207 | -0.7446 | 0.514 | -1.450 | 0.002 |
| 256 | 3.144 | 2.3134 | 0.0207 | 0.8308 | 0.514 | 1.617 | 0.002 |
| 257 | 1.194 | 2.3135 | 0.0206 | -1.1195 | 0.514 | -2.179 | 0.004 |
| 258 | 2.632 | 2.3137 | 0.0206 | 0.3182 | 0.514 | 0.619 | 0.000 |
| 259 | 2.416 | 2.3138 | 0.0206 | 0.1022 | 0.514 | 0.199 | 0.000 |
| 260 | 3.054 | 2.3146 | 0.0205 | 0.7394 | 0.514 | 1.439 | 0.002 |
| 261 | 1.705 | 2.3147 | 0.0205 | -0.6099 | 0.514 | -1.187 | 0.001 |
| 262 | 1.386 | 2.3148 | 0.0205 | -0.9285 | 0.514 | -1.807 | 0.003 |
| 263 | 2.351 | 2.3150 | 0.0205 | 0.0364 | 0.514 | 0.071 | 0.000 |
| 264 | 1.308 | 2.3150 | 0.0205 | -1.0067 | 0.514 | -1.960 | 0.003 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 265 | 1.253 | 2.3152 | 0.0205 | -1.0625 | 0.514 | -2.068 | 0.003 |
| 266 | 2.015 | 2.3156 | 0.0205 | -0.3007 | 0.514 | -0.585 | 0.000 |
| 267 | 1.902 | 2.3166 | 0.0204 | -0.4145 | 0.514 | -0.807 | 0.001 |
| 268 | 2.501 | 2.3172 | 0.0203 | 0.1842 | 0.514 | 0.359 | 0.000 |
| 269 | 2.128 | 2.3189 | 0.0202 | -0.1907 | 0.514 | -0.371 | 0.000 |
| 270 | 2.197 | 2.3193 | 0.0202 | -0.1221 | 0.514 | -0.238 | 0.000 |
| 271 | 2.262 | 2.3194 | 0.0201 | -0.0576 | 0.514 | -0.112 | 0.000 |
| 272 | 1.705 | 2.3215 | 0.0200 | -0.6168 | 0.514 | -1.201 | 0.001 |
| 273 | 2.434 | 2.3221 | 0.0199 | 0.1115 | 0.514 | 0.217 | 0.000 |
| 274 | 3.049 | 2.3225 | 0.0199 | 0.7267 | 0.514 | 1.415 | 0.002 |
| 275 | 2.965 | 2.3231 | 0.0199 | 0.6422 | 0.514 | 1.250 | 0.001 |
| 276 | 0.788 | 2.3232 | 0.0198 | -1.5347 | 0.514 | -2.987 | 0.007 |
| 277 | 1.335 | 2.3232 | 0.0198 | -0.9882 | 0.514 | -1.924 | 0.003 |
| 278 | 2.293 | 2.3235 | 0.0198 | -0.0309 | 0.514 | -0.060 | 0.000 |
| 279 | 1.705 | 2.3237 | 0.0198 | -0.6189 | 0.514 | -1.205 | 0.001 |
| 280 | 2.549 | 2.3241 | 0.0198 | 0.2253 | 0.514 | 0.439 | 0.000 |
| 281 | 2.803 | 2.3247 | 0.0197 | 0.4787 | 0.514 | 0.932 | 0.001 |
| 282 | 2.416 | 2.3270 | 0.0196 | 0.0889 | 0.514 | 0.173 | 0.000 |
| 283 | 2.603 | 2.3270 | 0.0196 | 0.2757 | 0.514 | 0.537 | 0.000 |
| 284 | 2.186 | 2.3276 | 0.0195 | -0.1416 | 0.514 | -0.276 | 0.000 |
| 285 | 2.219 | 2.3283 | 0.0195 | -0.1091 | 0.514 | -0.212 | 0.000 |
| 286 | 2.186 | 2.3288 | 0.0194 | -0.1427 | 0.514 | -0.278 | 0.000 |
| 287 | 1.808 | 2.3295 | 0.0194 | -0.5212 | 0.514 | -1.015 | 0.001 |
| 288 | 2.128 | 2.3299 | 0.0194 | -0.2017 | 0.514 | -0.393 | 0.000 |
| 289 | 2.646 | 2.3301 | 0.0193 | 0.3161 | 0.514 | 0.615 | 0.000 |
| 290 | 1.758 | 2.3310 | 0.0193 | -0.5731 | 0.514 | -1.116 | 0.001 |
| 291 | 2.140 | 2.3313 | 0.0193 | -0.1913 | 0.514 | -0.372 | 0.000 |
| 292 | 1.758 | 2.3316 | 0.0192 | -0.5737 | 0.514 | -1.117 | 0.001 |
| 293 | 1.335 | 2.3321 | 0.0192 | -0.9971 | 0.514 | -1.941 | 0.003 |
| 294 | 1.629 | 2.3333 | 0.0191 | -0.7040 | 0.514 | -1.370 | 0.001 |
| 295 | 2.747 | 2.3341 | 0.0191 | 0.4131 | 0.514 | 0.804 | 0.000 |
| 296 | 2.015 | 2.3347 | 0.0190 | -0.3198 | 0.514 | -0.622 | 0.000 |
| 297 | 2.282 | 2.3348 | 0.0190 | -0.0524 | 0.514 | -0.102 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 298 | 2.054 | 2.3348 | 0.0190 | -0.2807 | 0.514 | -0.546 | 0.000 |
| 299 | 2.632 | 2.3350 | 0.0190 | 0.2969 | 0.514 | 0.578 | 0.000 |
| 300 | 1.932 | 2.3362 | 0.0189 | -0.4047 | 0.514 | -0.788 | 0.000 |
| 301 | 2.425 | 2.3369 | 0.0189 | 0.0879 | 0.514 | 0.171 | 0.000 |
| 302 | 1.589 | 2.3372 | 0.0189 | -0.7480 | 0.514 | -1.456 | 0.001 |
| 303 | 2.342 | 2.3375 | 0.0189 | 0.004332 | 0.514 | 0.008 | 0.000 |
| 304 | 1.504 | 2.3375 | 0.0189 | -0.8334 | 0.514 | -1.622 | 0.002 |
| 305 | 2.791 | 2.3384 | 0.0188 | 0.4528 | 0.514 | 0.881 | 0.001 |
| 306 | 2.534 | 2.3386 | 0.0188 | 0.1951 | 0.514 | 0.380 | 0.000 |
| 307 | 2.565 | 2.3398 | 0.0187 | 0.2252 | 0.514 | 0.438 | 0.000 |
| 308 | 3.077 | 2.3403 | 0.0187 | 0.7370 | 0.514 | 1.434 | 0.001 |
| 309 | 2.944 | 2.3407 | 0.0187 | 0.6037 | 0.514 | 1.175 | 0.001 |
| 310 | 2.477 | 2.3420 | 0.0186 | 0.1346 | 0.514 | 0.262 | 0.000 |
| 311 | 2.468 | 2.3423 | 0.0186 | 0.1258 | 0.514 | 0.245 | 0.000 |
| 312 | 1.629 | 2.3423 | 0.0186 | -0.7131 | 0.514 | -1.388 | 0.001 |
| 313 | 2.451 | 2.3436 | 0.0185 | 0.1074 | 0.514 | 0.209 | 0.000 |
| 314 | 2.416 | 2.3438 | 0.0185 | 0.0721 | 0.514 | 0.140 | 0.000 |
| 315 | 1.686 | 2.3442 | 0.0185 | -0.6578 | 0.514 | -1.280 | 0.001 |
| 316 | 2.262 | 2.3450 | 0.0185 | -0.0832 | 0.514 | -0.162 | 0.000 |
| 317 | 2.653 | 2.3451 | 0.0185 | 0.3082 | 0.514 | 0.600 | 0.000 |
| 318 | 2.251 | 2.3451 | 0.0184 | -0.0938 | 0.514 | -0.183 | 0.000 |
| 319 | 2.092 | 2.3455 | 0.0184 | -0.2537 | 0.514 | -0.494 | 0.000 |
| 320 | 4.029 | 2.3465 | 0.0184 | 1.6825 | 0.514 | 3.275 | 0.007 |
| 321 | 2.518 | 2.3466 | 0.0184 | 0.1711 | 0.514 | 0.333 | 0.000 |
| 322 | 2.468 | 2.3473 | 0.0183 | 0.1208 | 0.514 | 0.235 | 0.000 |
| 323 | 1.856 | 2.3475 | 0.0183 | -0.4912 | 0.514 | -0.956 | 0.001 |
| 324 | 2.721 | 2.3481 | 0.0183 | 0.3732 | 0.514 | 0.726 | 0.000 |
| 325 | 2.542 | 2.3485 | 0.0183 | 0.1931 | 0.514 | 0.376 | 0.000 |
| 326 | 2.991 | 2.3493 | 0.0183 | 0.6415 | 0.514 | 1.248 | 0.001 |
| 327 | 2.845 | 2.3493 | 0.0183 | 0.4956 | 0.514 | 0.965 | 0.001 |
| 328 | 1.960 | 2.3500 | 0.0182 | -0.3899 | 0.514 | -0.759 | 0.000 |
| 329 | 1.856 | 2.3517 | 0.0182 | -0.4954 | 0.514 | -0.964 | 0.001 |
| 330 | 2.526 | 2.3526 | 0.0181 | 0.1731 | 0.514 | 0.337 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 331 | 1.872 | 2.3528 | 0.0181 | -0.4810 | 0.514 | -0.936 | 0.001 |
| 332 | 3.307 | 2.3529 | 0.0181 | 0.9540 | 0.514 | 1.857 | 0.002 |
| 333 | 2.485 | 2.3530 | 0.0181 | 0.1319 | 0.514 | 0.257 | 0.000 |
| 334 | 1.609 | 2.3532 | 0.0181 | -0.7438 | 0.514 | -1.448 | 0.001 |
| 335 | 1.872 | 2.3533 | 0.0181 | -0.4815 | 0.514 | -0.937 | 0.001 |
| 336 | 2.667 | 2.3539 | 0.0181 | 0.3133 | 0.514 | 0.610 | 0.000 |
| 337 | 2.542 | 2.3547 | 0.0180 | 0.1869 | 0.514 | 0.364 | 0.000 |
| 338 | 1.569 | 2.3547 | 0.0180 | -0.7861 | 0.514 | -1.530 | 0.001 |
| 339 | 2.041 | 2.3566 | 0.0180 | -0.3153 | 0.514 | -0.614 | 0.000 |
| 340 | 2.660 | 2.3566 | 0.0180 | 0.3037 | 0.514 | 0.591 | 0.000 |
| 341 | 2.116 | 2.3566 | 0.0180 | -0.2403 | 0.514 | -0.468 | 0.000 |
| 342 | 2.653 | 2.3570 | 0.0180 | 0.2962 | 0.514 | 0.577 | 0.000 |
| 343 | 2.741 | 2.3570 | 0.0180 | 0.3838 | 0.514 | 0.747 | 0.000 |
| 344 | 2.477 | 2.3583 | 0.0179 | 0.1183 | 0.514 | 0.230 | 0.000 |
| 345 | 2.632 | 2.3583 | 0.0179 | 0.2736 | 0.514 | 0.532 | 0.000 |
| 346 | 2.667 | 2.3587 | 0.0179 | 0.3085 | 0.514 | 0.600 | 0.000 |
| 347 | 2.303 | 2.3595 | 0.0179 | -0.0569 | 0.514 | -0.111 | 0.000 |
| 348 | 2.067 | 2.3602 | 0.0179 | -0.2934 | 0.514 | -0.571 | 0.000 |
| 349 | 2.791 | 2.3605 | 0.0179 | 0.4306 | 0.514 | 0.838 | 0.000 |
| 350 | 2.639 | 2.3608 | 0.0179 | 0.2783 | 0.514 | 0.542 | 0.000 |
| 351 | 2.197 | 2.3611 | 0.0179 | -0.1638 | 0.514 | -0.319 | 0.000 |
| 352 | 2.262 | 2.3614 | 0.0178 | -0.0997 | 0.514 | -0.194 | 0.000 |
| 353 | 2.272 | 2.3619 | 0.0178 | -0.0898 | 0.514 | -0.175 | 0.000 |
| 354 | 2.442 | 2.3628 | 0.0178 | 0.0795 | 0.514 | 0.155 | 0.000 |
| 355 | 2.681 | 2.3630 | 0.0178 | 0.3180 | 0.514 | 0.619 | 0.000 |
| 356 | 2.856 | 2.3630 | 0.0178 | 0.4935 | 0.514 | 0.960 | 0.001 |
| 357 | 2.351 | 2.3634 | 0.0178 | -0.0120 | 0.514 | -0.023 | 0.000 |
| 358 | 2.230 | 2.3639 | 0.0178 | -0.1339 | 0.514 | -0.261 | 0.000 |
| 359 | 3.215 | 2.3640 | 0.0178 | 0.8509 | 0.514 | 1.656 | 0.002 |
| 360 | 2.797 | 2.3642 | 0.0178 | 0.4331 | 0.514 | 0.843 | 0.000 |
| 361 | 2.557 | 2.3644 | 0.0178 | 0.1929 | 0.514 | 0.375 | 0.000 |
| 362 | 2.342 | 2.3648 | 0.0178 | -0.0230 | 0.514 | -0.045 | 0.000 |
| 363 | 2.674 | 2.3649 | 0.0178 | 0.3093 | 0.514 | 0.602 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 364 | 2.501 | 2.3649 | 0.0178 | 0.1365 | 0.514 | 0.266 | 0.000 |
| 365 | 2.001 | 2.3658 | 0.0178 | -0.3643 | 0.514 | -0.709 | 0.000 |
| 366 | 0.693 | 2.3667 | 0.0177 | -1.6735 | 0.514 | -3.257 | 0.006 |
| 367 | 2.262 | 2.3678 | 0.0177 | -0.1060 | 0.514 | -0.206 | 0.000 |
| 368 | 2.510 | 2.3687 | 0.0177 | 0.1409 | 0.514 | 0.274 | 0.000 |
| 369 | 3.030 | 2.3688 | 0.0177 | 0.6614 | 0.514 | 1.287 | 0.001 |
| 370 | 1.775 | 2.3693 | 0.0177 | -0.5944 | 0.514 | -1.157 | 0.001 |
| 371 | 2.230 | 2.3696 | 0.0177 | -0.1396 | 0.514 | -0.272 | 0.000 |
| 372 | 2.715 | 2.3709 | 0.0177 | 0.3438 | 0.514 | 0.669 | 0.000 |
| 373 | 2.251 | 2.3710 | 0.0177 | -0.1197 | 0.514 | -0.233 | 0.000 |
| 374 | 2.821 | 2.3715 | 0.0177 | 0.4498 | 0.514 | 0.875 | 0.000 |
| 375 | 2.681 | 2.3720 | 0.0177 | 0.3090 | 0.514 | 0.601 | 0.000 |
| 376 | 3.006 | 2.3721 | 0.0177 | 0.6336 | 0.514 | 1.233 | 0.001 |
| 377 | 2.760 | 2.3734 | 0.0177 | 0.3867 | 0.514 | 0.753 | 0.000 |
| 378 | 2.092 | 2.3734 | 0.0177 | -0.2816 | 0.514 | -0.548 | 0.000 |
| 379 | 3.045 | 2.3742 | 0.0177 | 0.6704 | 0.514 | 1.305 | 0.001 |
| 380 | 2.785 | 2.3751 | 0.0177 | 0.4099 | 0.514 | 0.798 | 0.000 |
| 381 | 2.856 | 2.3772 | 0.0177 | 0.4793 | 0.514 | 0.933 | 0.001 |
| 382 | 2.526 | 2.3775 | 0.0177 | 0.1483 | 0.514 | 0.289 | 0.000 |
| 383 | 1.361 | 2.3777 | 0.0177 | -1.0167 | 0.514 | -1.979 | 0.002 |
| 384 | 3.635 | 2.3780 | 0.0177 | 1.2569 | 0.514 | 2.446 | 0.004 |
| 385 | 1.548 | 2.3781 | 0.0177 | -0.8305 | 0.514 | -1.616 | 0.002 |
| 386 | 2.303 | 2.3783 | 0.0177 | -0.0758 | 0.514 | -0.147 | 0.000 |
| 387 | 2.485 | 2.3787 | 0.0177 | 0.1062 | 0.514 | 0.207 | 0.000 |
| 388 | 2.681 | 2.3788 | 0.0177 | 0.3023 | 0.514 | 0.588 | 0.000 |
| 389 | 3.254 | 2.3789 | 0.0177 | 0.8753 | 0.514 | 1.704 | 0.002 |
| 390 | 2.067 | 2.3792 | 0.0177 | -0.3123 | 0.514 | -0.608 | 0.000 |
| 391 | 2.104 | 2.3794 | 0.0177 | -0.2753 | 0.514 | -0.536 | 0.000 |
| 392 | 1.609 | 2.3803 | 0.0177 | -0.7709 | 0.514 | -1.500 | 0.001 |
| 393 | 2.092 | 2.3803 | 0.0177 | -0.2885 | 0.514 | -0.561 | 0.000 |
| 394 | 2.734 | 2.3804 | 0.0177 | 0.3539 | 0.514 | 0.689 | 0.000 |
| 395 | 2.293 | 2.3812 | 0.0177 | -0.0887 | 0.514 | -0.173 | 0.000 |
| 396 | 2.856 | 2.3816 | 0.0177 | 0.4749 | 0.514 | 0.924 | 0.001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 397 | 2.015 | 2.3819 | 0.0177 | -0.3670 | 0.514 | -0.714 | 0.000 |
| 398 | 2.526 | 2.3827 | 0.0177 | 0.1430 | 0.514 | 0.278 | 0.000 |
| 399 | 2.603 | 2.3837 | 0.0177 | 0.2190 | 0.514 | 0.426 | 0.000 |
| 400 | 3.153 | 2.3838 | 0.0177 | 0.7689 | 0.514 | 1.496 | 0.001 |
| 401 | 2.262 | 2.3839 | 0.0177 | -0.1221 | 0.514 | -0.238 | 0.000 |
| 402 | 3.572 | 2.3843 | 0.0177 | 1.1880 | 0.514 | 2.312 | 0.003 |
| 403 | 2.734 | 2.3849 | 0.0177 | 0.3495 | 0.514 | 0.680 | 0.000 |
| 404 | 2.518 | 2.3852 | 0.0177 | 0.1325 | 0.514 | 0.258 | 0.000 |
| 405 | 2.230 | 2.3852 | 0.0177 | -0.1552 | 0.514 | -0.302 | 0.000 |
| 406 | 1.841 | 2.3853 | 0.0177 | -0.5448 | 0.514 | -1.060 | 0.001 |
| 407 | 1.668 | 2.3854 | 0.0177 | -0.7177 | 0.514 | -1.397 | 0.001 |
| 408 | 2.186 | 2.3854 | 0.0177 | -0.1994 | 0.514 | -0.388 | 0.000 |
| 409 | 2.293 | 2.3858 | 0.0177 | -0.0932 | 0.514 | -0.181 | 0.000 |
| 410 | 2.950 | 2.3860 | 0.0177 | 0.5637 | 0.514 | 1.097 | 0.001 |
| 411 | 2.197 | 2.3861 | 0.0177 | -0.1889 | 0.514 | -0.368 | 0.000 |
| 412 | 3.757 | 2.3863 | 0.0177 | 1.3702 | 0.514 | 2.667 | 0.004 |
| 413 | 2.152 | 2.3874 | 0.0177 | -0.2356 | 0.514 | -0.459 | 0.000 |
| 414 | 2.688 | 2.3875 | 0.0177 | 0.3004 | 0.514 | 0.585 | 0.000 |
| 415 | 2.128 | 2.3877 | 0.0178 | -0.2594 | 0.514 | -0.505 | 0.000 |
| 416 | 2.380 | 2.3881 | 0.0178 | -0.008535 | 0.514 | -0.017 | 0.000 |
| 417 | 2.186 | 2.3881 | 0.0178 | -0.2020 | 0.514 | -0.393 | 0.000 |
| 418 | 1.668 | 2.3883 | 0.0178 | -0.7206 | 0.514 | -1.403 | 0.001 |
| 419 | 3.292 | 2.3888 | 0.0178 | 0.9033 | 0.514 | 1.758 | 0.002 |
| 420 | 2.272 | 2.3891 | 0.0178 | -0.1170 | 0.514 | -0.228 | 0.000 |
| 421 | 2.332 | 2.3893 | 0.0178 | -0.0572 | 0.514 | -0.111 | 0.000 |
| 422 | 2.272 | 2.3896 | 0.0178 | -0.1175 | 0.514 | -0.229 | 0.000 |
| 423 | 2.208 | 2.3897 | 0.0178 | -0.1814 | 0.514 | -0.353 | 0.000 |
| 424 | 2.991 | 2.3898 | 0.0178 | 0.6009 | 0.514 | 1.170 | 0.001 |
| 425 | 2.493 | 2.3899 | 0.0178 | 0.1033 | 0.514 | 0.201 | 0.000 |
| 426 | 2.681 | 2.3903 | 0.0178 | 0.2907 | 0.514 | 0.566 | 0.000 |
| 427 | 2.610 | 2.3905 | 0.0178 | 0.2195 | 0.514 | 0.427 | 0.000 |
| 428 | 2.398 | 2.3911 | 0.0178 | 0.006830 | 0.514 | 0.013 | 0.000 |
| 429 | 3.418 | 2.3919 | 0.0178 | 1.0258 | 0.514 | 1.997 | 0.002 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 430 | 2.460 | 2.3926 | 0.0179 | 0.0669 | 0.514 | 0.130 | 0.000 |
| 431 | 1.030 | 2.3932 | 0.0179 | -1.3636 | 0.514 | -2.654 | 0.004 |
| 432 | 1.163 | 2.3933 | 0.0179 | -1.2302 | 0.514 | -2.394 | 0.003 |
| 433 | 2.632 | 2.3936 | 0.0179 | 0.2383 | 0.514 | 0.464 | 0.000 |
| 434 | 1.609 | 2.3936 | 0.0179 | -0.7842 | 0.514 | -1.526 | 0.001 |
| 435 | 1.932 | 2.3941 | 0.0179 | -0.4626 | 0.514 | -0.900 | 0.000 |
| 436 | 1.960 | 2.3949 | 0.0179 | -0.4348 | 0.514 | -0.846 | 0.000 |
| 437 | 2.557 | 2.3950 | 0.0179 | 0.1622 | 0.514 | 0.316 | 0.000 |
| 438 | 1.740 | 2.3951 | 0.0179 | -0.6546 | 0.514 | -1.274 | 0.001 |
| 439 | 2.766 | 2.3954 | 0.0179 | 0.3709 | 0.514 | 0.722 | 0.000 |
| 440 | 2.588 | 2.3958 | 0.0179 | 0.1920 | 0.514 | 0.374 | 0.000 |
| 441 | 2.361 | 2.3959 | 0.0180 | -0.0350 | 0.514 | -0.068 | 0.000 |
| 442 | 3.170 | 2.3962 | 0.0180 | 0.7735 | 0.514 | 1.505 | 0.001 |
| 443 | 2.104 | 2.3965 | 0.0180 | -0.2924 | 0.514 | -0.569 | 0.000 |
| 444 | 2.991 | 2.3967 | 0.0180 | 0.5940 | 0.514 | 1.156 | 0.001 |
| 445 | 1.253 | 2.3967 | 0.0180 | -1.1440 | 0.514 | -2.226 | 0.003 |
| 446 | 2.389 | 2.3970 | 0.0180 | -0.008190 | 0.514 | -0.016 | 0.000 |
| 447 | 2.163 | 2.3972 | 0.0180 | -0.2339 | 0.514 | -0.455 | 0.000 |
| 448 | 1.758 | 2.3972 | 0.0180 | -0.6394 | 0.514 | -1.244 | 0.001 |
| 449 | 1.902 | 2.3974 | 0.0180 | -0.4953 | 0.514 | -0.964 | 0.001 |
| 450 | 2.653 | 2.3975 | 0.0180 | 0.2557 | 0.514 | 0.498 | 0.000 |
| 451 | 2.588 | 2.3977 | 0.0180 | 0.1901 | 0.514 | 0.370 | 0.000 |
| 452 | 1.723 | 2.3982 | 0.0180 | -0.6754 | 0.514 | -1.315 | 0.001 |
| 453 | 2.625 | 2.3982 | 0.0180 | 0.2265 | 0.514 | 0.441 | 0.000 |
| 454 | 2.219 | 2.3983 | 0.0180 | -0.1791 | 0.514 | -0.349 | 0.000 |
| 455 | 2.573 | 2.3983 | 0.0180 | 0.1743 | 0.514 | 0.339 | 0.000 |
| 456 | 2.163 | 2.3985 | 0.0180 | -0.2352 | 0.514 | -0.458 | 0.000 |
| 457 | 1.988 | 2.3985 | 0.0180 | -0.4107 | 0.514 | -0.799 | 0.000 |
| 458 | 2.067 | 2.3989 | 0.0180 | -0.3320 | 0.514 | -0.646 | 0.000 |
| 459 | 1.988 | 2.3990 | 0.0181 | -0.4112 | 0.514 | -0.800 | 0.000 |
| 460 | 1.686 | 2.3997 | 0.0181 | -0.7133 | 0.514 | -1.388 | 0.001 |
| 461 | 1.569 | 2.3997 | 0.0181 | -0.8311 | 0.514 | -1.617 | 0.002 |
| 462 | 2.674 | 2.4001 | 0.0181 | 0.2741 | 0.514 | 0.533 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 463 | 2.747 | 2.4001 | 0.0181 | 0.3472 | 0.514 | 0.676 | 0.000 |
| 464 | 2.332 | 2.4004 | 0.0181 | -0.0682 | 0.514 | -0.133 | 0.000 |
| 465 | 2.708 | 2.4008 | 0.0181 | 0.3072 | 0.514 | 0.598 | 0.000 |
| 466 | 2.918 | 2.4013 | 0.0181 | 0.5165 | 0.514 | 1.005 | 0.001 |
| 467 | 2.370 | 2.4014 | 0.0181 | -0.0311 | 0.514 | -0.061 | 0.000 |
| 468 | 1.740 | 2.4014 | 0.0181 | -0.6610 | 0.514 | -1.286 | 0.001 |
| 469 | 2.588 | 2.4018 | 0.0182 | 0.1859 | 0.514 | 0.362 | 0.000 |
| 470 | 1.887 | 2.4019 | 0.0182 | -0.5149 | 0.514 | -1.002 | 0.001 |
| 471 | 2.001 | 2.4029 | 0.0182 | -0.4014 | 0.514 | -0.781 | 0.000 |
| 472 | 2.845 | 2.4029 | 0.0182 | 0.4420 | 0.514 | 0.860 | 0.000 |
| 473 | 1.281 | 2.4032 | 0.0182 | -1.1223 | 0.514 | -2.184 | 0.003 |
| 474 | 2.939 | 2.4035 | 0.0182 | 0.5356 | 0.514 | 1.042 | 0.001 |
| 475 | 2.262 | 2.4037 | 0.0182 | -0.1420 | 0.514 | -0.276 | 0.000 |
| 476 | 2.175 | 2.4043 | 0.0183 | -0.2296 | 0.514 | -0.447 | 0.000 |
| 477 | 1.856 | 2.4047 | 0.0183 | -0.5484 | 0.514 | -1.067 | 0.001 |
| 478 | 1.526 | 2.4049 | 0.0183 | -0.8789 | 0.514 | -1.711 | 0.002 |
| 479 | 2.407 | 2.4054 | 0.0183 | 0.001569 | 0.514 | 0.003 | 0.000 |
| 480 | 1.686 | 2.4060 | 0.0183 | -0.7196 | 0.514 | -1.401 | 0.001 |
| 481 | 2.163 | 2.4081 | 0.0184 | -0.2447 | 0.514 | -0.476 | 0.000 |
| 482 | 1.459 | 2.4083 | 0.0184 | -0.9497 | 0.514 | -1.848 | 0.002 |
| 483 | 2.262 | 2.4094 | 0.0185 | -0.1477 | 0.514 | -0.287 | 0.000 |
| 484 | 2.001 | 2.4096 | 0.0185 | -0.4081 | 0.514 | -0.794 | 0.000 |
| 485 | 1.825 | 2.4097 | 0.0185 | -0.5852 | 0.514 | -1.139 | 0.001 |
| 486 | 2.580 | 2.4100 | 0.0185 | 0.1703 | 0.514 | 0.331 | 0.000 |
| 487 | 2.981 | 2.4107 | 0.0186 | 0.5700 | 0.514 | 1.109 | 0.001 |
| 488 | 1.946 | 2.4109 | 0.0186 | -0.4649 | 0.514 | -0.905 | 0.001 |
| 489 | 2.152 | 2.4116 | 0.0186 | -0.2599 | 0.514 | -0.506 | 0.000 |
| 490 | 2.493 | 2.4117 | 0.0186 | 0.0815 | 0.514 | 0.159 | 0.000 |
| 491 | 1.411 | 2.4121 | 0.0186 | -1.0011 | 0.514 | -1.948 | 0.002 |
| 492 | 2.434 | 2.4124 | 0.0187 | 0.0212 | 0.514 | 0.041 | 0.000 |
| 493 | 2.779 | 2.4135 | 0.0187 | 0.3653 | 0.514 | 0.711 | 0.000 |
| 494 | 2.815 | 2.4141 | 0.0188 | 0.4013 | 0.514 | 0.781 | 0.000 |
| 495 | 2.565 | 2.4146 | 0.0188 | 0.1503 | 0.514 | 0.293 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| **496** | 2.342 | 2.4147 | 0.0188 | -0.0729 | 0.514 | -0.142 | 0.000 |
| **497** | 2.407 | 2.4148 | 0.0188 | -0.007878 | 0.514 | -0.015 | 0.000 |
| **498** | 2.797 | 2.4148 | 0.0188 | 0.3824 | 0.514 | 0.744 | 0.000 |
| **499** | 2.104 | 2.4150 | 0.0188 | -0.3109 | 0.514 | -0.605 | 0.000 |
| **500** | 3.231 | 2.4152 | 0.0188 | 0.8156 | 0.514 | 1.588 | 0.002 |
| **501** | 2.639 | 2.4152 | 0.0188 | 0.2238 | 0.514 | 0.436 | 0.000 |
| **502** | 2.862 | 2.4154 | 0.0188 | 0.4468 | 0.514 | 0.870 | 0.001 |
| **503** | 2.674 | 2.4156 | 0.0188 | 0.2585 | 0.514 | 0.503 | 0.000 |
| **504** | 2.573 | 2.4157 | 0.0188 | 0.1569 | 0.514 | 0.305 | 0.000 |
| **505** | 1.775 | 2.4160 | 0.0189 | -0.6410 | 0.514 | -1.248 | 0.001 |
| **506** | 2.734 | 2.4161 | 0.0189 | 0.3182 | 0.514 | 0.619 | 0.000 |
| **507** | 2.534 | 2.4171 | 0.0189 | 0.1166 | 0.514 | 0.227 | 0.000 |
| **508** | 2.262 | 2.4171 | 0.0189 | -0.1554 | 0.514 | -0.302 | 0.000 |
| **509** | 2.163 | 2.4178 | 0.0190 | -0.2545 | 0.514 | -0.495 | 0.000 |
| **510** | 1.887 | 2.4181 | 0.0190 | -0.5311 | 0.514 | -1.034 | 0.001 |
| **511** | 3.030 | 2.4182 | 0.0190 | 0.6119 | 0.514 | 1.191 | 0.001 |
| **512** | 1.629 | 2.4182 | 0.0190 | -0.7890 | 0.514 | -1.536 | 0.002 |
| **513** | 2.303 | 2.4182 | 0.0190 | -0.1157 | 0.514 | -0.225 | 0.000 |
| **514** | 2.175 | 2.4186 | 0.0190 | -0.2439 | 0.514 | -0.475 | 0.000 |
| **515** | 2.442 | 2.4186 | 0.0190 | 0.0237 | 0.514 | 0.046 | 0.000 |
| **516** | 2.912 | 2.4190 | 0.0191 | 0.4933 | 0.514 | 0.960 | 0.001 |
| **517** | 3.114 | 2.4193 | 0.0191 | 0.6942 | 0.514 | 1.351 | 0.001 |
| **518** | 1.808 | 2.4196 | 0.0191 | -0.6113 | 0.514 | -1.190 | 0.001 |
| **519** | 1.609 | 2.4207 | 0.0192 | -0.8112 | 0.514 | -1.579 | 0.002 |
| **520** | 2.197 | 2.4212 | 0.0192 | -0.2239 | 0.514 | -0.436 | 0.000 |
| **521** | 2.054 | 2.4213 | 0.0192 | -0.3671 | 0.514 | -0.715 | 0.000 |
| **522** | 2.152 | 2.4216 | 0.0192 | -0.2699 | 0.514 | -0.525 | 0.000 |
| **523** | 2.272 | 2.4217 | 0.0192 | -0.1496 | 0.514 | -0.291 | 0.000 |
| **524** | 1.668 | 2.4220 | 0.0192 | -0.7543 | 0.514 | -1.468 | 0.002 |
| **525** | 3.195 | 2.4226 | 0.0193 | 0.7720 | 0.514 | 1.503 | 0.002 |
| **526** | 2.701 | 2.4226 | 0.0193 | 0.2787 | 0.514 | 0.543 | 0.000 |
| **527** | 2.603 | 2.4230 | 0.0193 | 0.1797 | 0.514 | 0.350 | 0.000 |
| **528** | 1.887 | 2.4230 | 0.0193 | -0.5360 | 0.514 | -1.043 | 0.001 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 529 | 2.293 | 2.4230 | 0.0193 | -0.1305 | 0.514 | -0.254 | 0.000 |
| 530 | 1.792 | 2.4241 | 0.0194 | -0.6324 | 0.514 | -1.231 | 0.001 |
| 531 | 2.809 | 2.4243 | 0.0194 | 0.3851 | 0.514 | 0.750 | 0.000 |
| 532 | 1.459 | 2.4245 | 0.0194 | -0.9659 | 0.514 | -1.880 | 0.003 |
| 533 | 2.803 | 2.4253 | 0.0195 | 0.3781 | 0.514 | 0.736 | 0.000 |
| 534 | 2.451 | 2.4258 | 0.0195 | 0.0252 | 0.514 | 0.049 | 0.000 |
| 535 | 3.487 | 2.4271 | 0.0196 | 1.0603 | 0.514 | 2.064 | 0.003 |
| 536 | 2.827 | 2.4273 | 0.0196 | 0.4000 | 0.514 | 0.779 | 0.000 |
| 537 | 2.681 | 2.4276 | 0.0196 | 0.2534 | 0.514 | 0.493 | 0.000 |
| 538 | 2.610 | 2.4277 | 0.0197 | 0.1824 | 0.514 | 0.355 | 0.000 |
| 539 | 2.041 | 2.4281 | 0.0197 | -0.3869 | 0.514 | -0.753 | 0.000 |
| 540 | 3.223 | 2.4282 | 0.0197 | 0.7946 | 0.514 | 1.547 | 0.002 |
| 541 | 2.797 | 2.4284 | 0.0197 | 0.3689 | 0.514 | 0.718 | 0.000 |
| 542 | 3.114 | 2.4285 | 0.0197 | 0.6850 | 0.514 | 1.333 | 0.001 |
| 543 | 2.477 | 2.4291 | 0.0198 | 0.0475 | 0.514 | 0.092 | 0.000 |
| 544 | 2.617 | 2.4292 | 0.0198 | 0.1882 | 0.514 | 0.366 | 0.000 |
| 545 | 2.370 | 2.4293 | 0.0198 | -0.0591 | 0.514 | -0.115 | 0.000 |
| 546 | 2.493 | 2.4296 | 0.0198 | 0.0636 | 0.514 | 0.124 | 0.000 |
| 547 | 2.477 | 2.4302 | 0.0198 | 0.0463 | 0.514 | 0.090 | 0.000 |
| 548 | 2.262 | 2.4308 | 0.0199 | -0.1691 | 0.514 | -0.329 | 0.000 |
| 549 | 0.833 | 2.4314 | 0.0199 | -1.5985 | 0.514 | -3.111 | 0.007 |
| 550 | 2.565 | 2.4314 | 0.0199 | 0.1336 | 0.514 | 0.260 | 0.000 |
| 551 | 2.370 | 2.4316 | 0.0199 | -0.0613 | 0.514 | -0.119 | 0.000 |
| 552 | 0.916 | 2.4317 | 0.0200 | -1.5154 | 0.514 | -2.950 | 0.007 |
| 553 | 3.153 | 2.4321 | 0.0200 | 0.7207 | 0.514 | 1.403 | 0.001 |
| 554 | 1.609 | 2.4331 | 0.0201 | -0.8237 | 0.514 | -1.603 | 0.002 |
| 555 | 1.902 | 2.4333 | 0.0201 | -0.5312 | 0.514 | -1.034 | 0.001 |
| 556 | 3.207 | 2.4336 | 0.0201 | 0.7732 | 0.514 | 1.505 | 0.002 |
| 557 | 2.175 | 2.4337 | 0.0201 | -0.2589 | 0.514 | -0.504 | 0.000 |
| 558 | 2.885 | 2.4338 | 0.0201 | 0.4510 | 0.514 | 0.878 | 0.001 |
| 559 | 2.485 | 2.4348 | 0.0202 | 0.0501 | 0.514 | 0.098 | 0.000 |
| 560 | 2.041 | 2.4360 | 0.0203 | -0.3948 | 0.514 | -0.768 | 0.000 |
| 561 | 1.649 | 2.4361 | 0.0203 | -0.7875 | 0.514 | -1.533 | 0.002 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 562 | 3.325 | 2.4365 | 0.0203 | 0.8885 | 0.514 | 1.730 | 0.002 |
| 563 | 1.308 | 2.4368 | 0.0204 | -1.1285 | 0.514 | -2.197 | 0.004 |
| 564 | 2.754 | 2.4370 | 0.0204 | 0.3167 | 0.514 | 0.616 | 0.000 |
| 565 | 1.872 | 2.4371 | 0.0204 | -0.5653 | 0.514 | -1.100 | 0.001 |
| 566 | 1.723 | 2.4372 | 0.0204 | -0.7144 | 0.514 | -1.391 | 0.002 |
| 567 | 2.610 | 2.4374 | 0.0204 | 0.1727 | 0.514 | 0.336 | 0.000 |
| 568 | 2.708 | 2.4375 | 0.0204 | 0.2705 | 0.514 | 0.527 | 0.000 |
| 569 | 3.091 | 2.4378 | 0.0205 | 0.6532 | 0.514 | 1.272 | 0.001 |
| 570 | 2.632 | 2.4380 | 0.0205 | 0.1939 | 0.514 | 0.377 | 0.000 |
| 571 | 2.542 | 2.4380 | 0.0205 | 0.1036 | 0.514 | 0.202 | 0.000 |
| 572 | 2.646 | 2.4387 | 0.0205 | 0.2075 | 0.514 | 0.404 | 0.000 |
| 573 | 2.342 | 2.4390 | 0.0206 | -0.0972 | 0.514 | -0.189 | 0.000 |
| 574 | 2.695 | 2.4395 | 0.0206 | 0.2551 | 0.514 | 0.497 | 0.000 |
| 575 | 2.639 | 2.4399 | 0.0206 | 0.1992 | 0.514 | 0.388 | 0.000 |
| 576 | 3.550 | 2.4404 | 0.0207 | 1.1092 | 0.514 | 2.159 | 0.004 |
| 577 | 2.681 | 2.4405 | 0.0207 | 0.2406 | 0.514 | 0.468 | 0.000 |
| 578 | 1.946 | 2.4410 | 0.0207 | -0.4951 | 0.514 | -0.964 | 0.001 |
| 579 | 2.595 | 2.4411 | 0.0207 | 0.1541 | 0.514 | 0.300 | 0.000 |
| 580 | 2.442 | 2.4412 | 0.0208 | 0.001171 | 0.514 | 0.002 | 0.000 |
| 581 | 1.932 | 2.4412 | 0.0208 | -0.5097 | 0.514 | -0.992 | 0.001 |
| 582 | 2.944 | 2.4412 | 0.0208 | 0.5032 | 0.514 | 0.980 | 0.001 |
| 583 | 3.035 | 2.4419 | 0.0208 | 0.5930 | 0.514 | 1.154 | 0.001 |
| 584 | 2.389 | 2.4420 | 0.0208 | -0.0532 | 0.514 | -0.104 | 0.000 |
| 585 | 2.425 | 2.4424 | 0.0209 | -0.0176 | 0.514 | -0.034 | 0.000 |
| 586 | 3.307 | 2.4425 | 0.0209 | 0.8644 | 0.514 | 1.683 | 0.002 |
| 587 | 2.092 | 2.4427 | 0.0209 | -0.3508 | 0.514 | -0.683 | 0.000 |
| 588 | 1.792 | 2.4450 | 0.0211 | -0.6532 | 0.514 | -1.272 | 0.001 |
| 589 | 2.955 | 2.4455 | 0.0212 | 0.5094 | 0.514 | 0.992 | 0.001 |
| 590 | 2.890 | 2.4460 | 0.0212 | 0.4443 | 0.514 | 0.865 | 0.001 |
| 591 | 3.211 | 2.4467 | 0.0213 | 0.7642 | 0.514 | 1.488 | 0.002 |
| 592 | 3.239 | 2.4468 | 0.0213 | 0.7919 | 0.514 | 1.542 | 0.002 |
| 593 | 2.015 | 2.4474 | 0.0213 | -0.4325 | 0.514 | -0.842 | 0.001 |
| 594 | 2.460 | 2.4475 | 0.0213 | 0.0120 | 0.514 | 0.023 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| **595** | 4.121 | 2.4485 | 0.0214 | 1.6721 | 0.514 | 3.255 | 0.009 |
| **596** | 2.986 | 2.4488 | 0.0215 | 0.5369 | 0.514 | 1.045 | 0.001 |
| **597** | 2.639 | 2.4489 | 0.0215 | 0.1901 | 0.514 | 0.370 | 0.000 |
| **598** | 2.041 | 2.4492 | 0.0215 | -0.4080 | 0.514 | -0.794 | 0.001 |
| **599** | 2.104 | 2.4493 | 0.0215 | -0.3452 | 0.514 | -0.672 | 0.000 |
| **600** | 2.667 | 2.4498 | 0.0216 | 0.2174 | 0.514 | 0.423 | 0.000 |
| **601** | 2.322 | 2.4507 | 0.0216 | -0.1283 | 0.514 | -0.250 | 0.000 |
| **602** | 2.152 | 2.4525 | 0.0218 | -0.3007 | 0.514 | -0.585 | 0.000 |
| **603** | 2.715 | 2.4532 | 0.0219 | 0.2615 | 0.514 | 0.509 | 0.000 |
| **604** | 2.779 | 2.4533 | 0.0219 | 0.3256 | 0.514 | 0.634 | 0.000 |
| **605** | 3.444 | 2.4538 | 0.0219 | 0.9899 | 0.514 | 1.927 | 0.003 |
| **606** | 1.988 | 2.4541 | 0.0220 | -0.4662 | 0.514 | -0.908 | 0.001 |
| **607** | 2.734 | 2.4546 | 0.0220 | 0.2798 | 0.514 | 0.545 | 0.000 |
| **608** | 2.322 | 2.4546 | 0.0220 | -0.1323 | 0.514 | -0.257 | 0.000 |
| **609** | 2.282 | 2.4548 | 0.0220 | -0.1724 | 0.514 | -0.336 | 0.000 |
| **610** | 1.960 | 2.4551 | 0.0221 | -0.4950 | 0.514 | -0.964 | 0.001 |
| **611** | 3.144 | 2.4552 | 0.0221 | 0.6889 | 0.514 | 1.341 | 0.002 |
| **612** | 2.754 | 2.4556 | 0.0221 | 0.2981 | 0.514 | 0.580 | 0.000 |
| **613** | 2.186 | 2.4557 | 0.0221 | -0.2696 | 0.514 | -0.525 | 0.000 |
| **614** | 2.565 | 2.4564 | 0.0222 | 0.1086 | 0.514 | 0.211 | 0.000 |
| **615** | 2.632 | 2.4571 | 0.0223 | 0.1748 | 0.514 | 0.340 | 0.000 |
| **616** | 2.701 | 2.4572 | 0.0223 | 0.2441 | 0.514 | 0.475 | 0.000 |
| **617** | 2.890 | 2.4575 | 0.0223 | 0.4328 | 0.514 | 0.843 | 0.001 |
| **618** | 2.646 | 2.4577 | 0.0224 | 0.1885 | 0.514 | 0.367 | 0.000 |
| **619** | 1.548 | 2.4584 | 0.0224 | -0.9108 | 0.514 | -1.773 | 0.003 |
| **620** | 2.674 | 2.4584 | 0.0224 | 0.2157 | 0.514 | 0.420 | 0.000 |
| **621** | 2.303 | 2.4585 | 0.0224 | -0.1559 | 0.514 | -0.304 | 0.000 |
| **622** | 2.939 | 2.4585 | 0.0224 | 0.4806 | 0.514 | 0.936 | 0.001 |
| **623** | 3.428 | 2.4586 | 0.0224 | 0.9689 | 0.514 | 1.886 | 0.003 |
| **624** | 1.825 | 2.4587 | 0.0225 | -0.6342 | 0.514 | -1.235 | 0.001 |
| **625** | 2.879 | 2.4587 | 0.0225 | 0.4205 | 0.514 | 0.819 | 0.001 |
| **626** | 3.726 | 2.4588 | 0.0225 | 1.2669 | 0.514 | 2.467 | 0.006 |
| **627** | 2.272 | 2.4589 | 0.0225 | -0.1868 | 0.514 | -0.364 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 628 | 2.262 | 2.4593 | 0.0225 | -0.1975 | 0.514 | -0.385 | 0.000 |
| 629 | 2.407 | 2.4594 | 0.0225 | -0.0525 | 0.514 | -0.102 | 0.000 |
| 630 | 1.988 | 2.4594 | 0.0225 | -0.4715 | 0.514 | -0.918 | 0.001 |
| 631 | 2.186 | 2.4596 | 0.0225 | -0.2735 | 0.514 | -0.533 | 0.000 |
| 632 | 2.580 | 2.4599 | 0.0226 | 0.1203 | 0.514 | 0.234 | 0.000 |
| 633 | 2.398 | 2.4600 | 0.0226 | -0.0621 | 0.514 | -0.121 | 0.000 |
| 634 | 3.869 | 2.4600 | 0.0226 | 1.4091 | 0.514 | 2.743 | 0.007 |
| 635 | 2.879 | 2.4607 | 0.0227 | 0.4185 | 0.514 | 0.815 | 0.001 |
| 636 | 2.785 | 2.4607 | 0.0227 | 0.3243 | 0.514 | 0.631 | 0.000 |
| 637 | 1.988 | 2.4611 | 0.0227 | -0.4732 | 0.514 | -0.921 | 0.001 |
| 638 | 2.667 | 2.4612 | 0.0227 | 0.2060 | 0.514 | 0.401 | 0.000 |
| 639 | 0.531 | 2.4616 | 0.0228 | -1.9310 | 0.514 | -3.760 | 0.014 |
| 640 | 1.887 | 2.4616 | 0.0228 | -0.5746 | 0.514 | -1.119 | 0.001 |
| 641 | 1.775 | 2.4620 | 0.0228 | -0.6870 | 0.514 | -1.338 | 0.002 |
| 642 | 2.501 | 2.4624 | 0.0228 | 0.0390 | 0.514 | 0.076 | 0.000 |
| 643 | 2.092 | 2.4632 | 0.0229 | -0.3714 | 0.514 | -0.723 | 0.001 |
| 644 | 2.116 | 2.4635 | 0.0230 | -0.3472 | 0.514 | -0.676 | 0.000 |
| 645 | 2.681 | 2.4643 | 0.0231 | 0.2167 | 0.514 | 0.422 | 0.000 |
| 646 | 2.646 | 2.4646 | 0.0231 | 0.1816 | 0.514 | 0.354 | 0.000 |
| 647 | 2.929 | 2.4647 | 0.0231 | 0.4638 | 0.514 | 0.903 | 0.001 |
| 648 | 2.067 | 2.4649 | 0.0231 | -0.3981 | 0.514 | -0.775 | 0.001 |
| 649 | 1.946 | 2.4658 | 0.0232 | -0.5199 | 0.514 | -1.012 | 0.001 |
| 650 | 2.632 | 2.4659 | 0.0232 | 0.1660 | 0.514 | 0.323 | 0.000 |
| 651 | 2.468 | 2.4660 | 0.0232 | 0.002132 | 0.514 | 0.004 | 0.000 |
| 652 | 3.040 | 2.4660 | 0.0232 | 0.5737 | 0.514 | 1.117 | 0.001 |
| 653 | 1.974 | 2.4662 | 0.0233 | -0.4921 | 0.514 | -0.958 | 0.001 |
| 654 | 2.549 | 2.4663 | 0.0233 | 0.0832 | 0.514 | 0.162 | 0.000 |
| 655 | 3.254 | 2.4672 | 0.0234 | 0.7870 | 0.514 | 1.532 | 0.002 |
| 656 | 2.241 | 2.4674 | 0.0234 | -0.2267 | 0.514 | -0.441 | 0.000 |
| 657 | 2.241 | 2.4675 | 0.0234 | -0.2268 | 0.514 | -0.442 | 0.000 |
| 658 | 2.251 | 2.4679 | 0.0234 | -0.2166 | 0.514 | -0.422 | 0.000 |
| 659 | 2.460 | 2.4683 | 0.0235 | -0.008695 | 0.514 | -0.017 | 0.000 |
| 660 | 2.708 | 2.4685 | 0.0235 | 0.2395 | 0.514 | 0.466 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 661 | 2.603 | 2.4691 | 0.0236 | 0.1336 | 0.514 | 0.260 | 0.000 |
| 662 | 2.791 | 2.4693 | 0.0236 | 0.3219 | 0.514 | 0.627 | 0.000 |
| 663 | 2.442 | 2.4693 | 0.0236 | -0.0270 | 0.514 | -0.053 | 0.000 |
| 664 | 2.868 | 2.4695 | 0.0236 | 0.3984 | 0.514 | 0.776 | 0.001 |
| 665 | 2.639 | 2.4697 | 0.0236 | 0.1694 | 0.514 | 0.330 | 0.000 |
| 666 | 2.970 | 2.4698 | 0.0237 | 0.5007 | 0.514 | 0.975 | 0.001 |
| 667 | 2.950 | 2.4699 | 0.0237 | 0.4798 | 0.514 | 0.934 | 0.001 |
| 668 | 1.224 | 2.4700 | 0.0237 | -1.2462 | 0.514 | -2.427 | 0.006 |
| 669 | 2.766 | 2.4700 | 0.0237 | 0.2964 | 0.514 | 0.577 | 0.000 |
| 670 | 1.917 | 2.4703 | 0.0237 | -0.5533 | 0.514 | -1.077 | 0.001 |
| 671 | 2.862 | 2.4711 | 0.0238 | 0.3911 | 0.514 | 0.761 | 0.001 |
| 672 | 1.335 | 2.4715 | 0.0239 | -1.1365 | 0.514 | -2.213 | 0.005 |
| 673 | 3.273 | 2.4726 | 0.0240 | 0.8007 | 0.514 | 1.559 | 0.003 |
| 674 | 2.219 | 2.4730 | 0.0240 | -0.2538 | 0.514 | -0.494 | 0.000 |
| 675 | 1.988 | 2.4730 | 0.0240 | -0.4851 | 0.514 | -0.945 | 0.001 |
| 676 | 2.573 | 2.4735 | 0.0241 | 0.0991 | 0.514 | 0.193 | 0.000 |
| 677 | 2.092 | 2.4744 | 0.0242 | -0.3825 | 0.514 | -0.745 | 0.001 |
| 678 | 0.916 | 2.4747 | 0.0242 | -1.5584 | 0.514 | -3.035 | 0.010 |
| 679 | 3.640 | 2.4756 | 0.0243 | 1.1647 | 0.514 | 2.268 | 0.006 |
| 680 | 2.557 | 2.4756 | 0.0243 | 0.0816 | 0.514 | 0.159 | 0.000 |
| 681 | 2.451 | 2.4767 | 0.0245 | -0.0257 | 0.514 | -0.050 | 0.000 |
| 682 | 2.416 | 2.4768 | 0.0245 | -0.0608 | 0.514 | -0.118 | 0.000 |
| 683 | 3.292 | 2.4768 | 0.0245 | 0.8153 | 0.514 | 1.588 | 0.003 |
| 684 | 2.451 | 2.4769 | 0.0245 | -0.0259 | 0.514 | -0.050 | 0.000 |
| 685 | 1.825 | 2.4779 | 0.0246 | -0.6533 | 0.514 | -1.272 | 0.002 |
| 686 | 3.148 | 2.4780 | 0.0246 | 0.6704 | 0.514 | 1.306 | 0.002 |
| 687 | 1.758 | 2.4783 | 0.0246 | -0.7204 | 0.514 | -1.403 | 0.002 |
| 688 | 2.741 | 2.4794 | 0.0248 | 0.2614 | 0.514 | 0.509 | 0.000 |
| 689 | 1.960 | 2.4808 | 0.0249 | -0.5207 | 0.514 | -1.014 | 0.001 |
| 690 | 2.282 | 2.4811 | 0.0250 | -0.1987 | 0.514 | -0.387 | 0.000 |
| 691 | 2.407 | 2.4815 | 0.0250 | -0.0746 | 0.514 | -0.145 | 0.000 |
| 692 | 3.584 | 2.4823 | 0.0251 | 1.1012 | 0.514 | 2.145 | 0.006 |
| 693 | 1.609 | 2.4825 | 0.0251 | -0.8731 | 0.514 | -1.700 | 0.003 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 694 | 3.011 | 2.4826 | 0.0252 | 0.5280 | 0.514 | 1.028 | 0.001 |
| 695 | 3.118 | 2.4838 | 0.0253 | 0.6342 | 0.513 | 1.235 | 0.002 |
| 696 | 2.653 | 2.4839 | 0.0253 | 0.1693 | 0.513 | 0.330 | 0.000 |
| 697 | 2.434 | 2.4843 | 0.0254 | -0.0507 | 0.513 | -0.099 | 0.000 |
| 698 | 2.708 | 2.4849 | 0.0254 | 0.2232 | 0.513 | 0.435 | 0.000 |
| 699 | 2.526 | 2.4854 | 0.0255 | 0.0403 | 0.513 | 0.078 | 0.000 |
| 700 | 1.758 | 2.4857 | 0.0255 | -0.7278 | 0.513 | -1.417 | 0.002 |
| 701 | 2.625 | 2.4861 | 0.0256 | 0.1385 | 0.513 | 0.270 | 0.000 |
| 702 | 2.163 | 2.4869 | 0.0257 | -0.3235 | 0.513 | -0.630 | 0.000 |
| 703 | 3.704 | 2.4870 | 0.0257 | 1.2167 | 0.513 | 2.370 | 0.007 |
| 704 | 1.825 | 2.4874 | 0.0257 | -0.6629 | 0.513 | -1.291 | 0.002 |
| 705 | 3.532 | 2.4879 | 0.0258 | 1.0443 | 0.513 | 2.034 | 0.005 |
| 706 | 2.493 | 2.4892 | 0.0260 | 0.004012 | 0.513 | 0.008 | 0.000 |
| 707 | 2.501 | 2.4893 | 0.0260 | 0.0121 | 0.513 | 0.024 | 0.000 |
| 708 | 2.754 | 2.4896 | 0.0260 | 0.2641 | 0.513 | 0.514 | 0.000 |
| 709 | 3.199 | 2.4901 | 0.0261 | 0.7086 | 0.513 | 1.380 | 0.002 |
| 710 | 2.370 | 2.4904 | 0.0261 | -0.1201 | 0.513 | -0.234 | 0.000 |
| 711 | 2.803 | 2.4904 | 0.0261 | 0.3130 | 0.513 | 0.610 | 0.000 |
| 712 | 2.874 | 2.4907 | 0.0262 | 0.3829 | 0.513 | 0.746 | 0.001 |
| 713 | 2.208 | 2.4909 | 0.0262 | -0.2827 | 0.513 | -0.551 | 0.000 |
| 714 | 3.122 | 2.4912 | 0.0262 | 0.6312 | 0.513 | 1.229 | 0.002 |
| 715 | 0.916 | 2.4917 | 0.0263 | -1.5754 | 0.513 | -3.068 | 0.012 |
| 716 | 3.025 | 2.4918 | 0.0263 | 0.5335 | 0.513 | 1.039 | 0.001 |
| 717 | 1.740 | 2.4919 | 0.0263 | -0.7514 | 0.513 | -1.463 | 0.003 |
| 718 | 3.329 | 2.4919 | 0.0263 | 0.8367 | 0.513 | 1.630 | 0.003 |
| 719 | 2.573 | 2.4920 | 0.0263 | 0.0806 | 0.513 | 0.157 | 0.000 |
| 720 | 1.988 | 2.4921 | 0.0263 | -0.5042 | 0.513 | -0.982 | 0.001 |
| 721 | 3.068 | 2.4923 | 0.0264 | 0.5757 | 0.513 | 1.121 | 0.002 |
| 722 | 3.318 | 2.4923 | 0.0264 | 0.8255 | 0.513 | 1.608 | 0.003 |
| 723 | 2.389 | 2.4928 | 0.0264 | -0.1040 | 0.513 | -0.203 | 0.000 |
| 724 | 2.688 | 2.4935 | 0.0265 | 0.1944 | 0.513 | 0.379 | 0.000 |
| 725 | 1.609 | 2.4941 | 0.0266 | -0.8847 | 0.513 | -1.723 | 0.004 |
| 726 | 2.603 | 2.4946 | 0.0266 | 0.1081 | 0.513 | 0.210 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 727 | 2.251 | 2.4947 | 0.0267 | -0.2434 | 0.513 | -0.474 | 0.000 |
| 728 | 2.617 | 2.4956 | 0.0268 | 0.1218 | 0.513 | 0.237 | 0.000 |
| 729 | 2.477 | 2.4958 | 0.0268 | -0.0193 | 0.513 | -0.038 | 0.000 |
| 730 | 3.597 | 2.4961 | 0.0268 | 1.1012 | 0.513 | 2.145 | 0.006 |
| 731 | 2.773 | 2.4963 | 0.0269 | 0.2763 | 0.513 | 0.538 | 0.000 |
| 732 | 2.542 | 2.4972 | 0.0270 | 0.0444 | 0.513 | 0.086 | 0.000 |
| 733 | 2.565 | 2.4978 | 0.0270 | 0.0672 | 0.513 | 0.131 | 0.000 |
| 734 | 1.740 | 2.4978 | 0.0270 | -0.7573 | 0.513 | -1.475 | 0.003 |
| 735 | 2.821 | 2.4979 | 0.0271 | 0.3234 | 0.513 | 0.630 | 0.001 |
| 736 | 4.043 | 2.4988 | 0.0272 | 1.5442 | 0.513 | 3.008 | 0.013 |
| 737 | 2.241 | 2.4989 | 0.0272 | -0.2582 | 0.513 | -0.503 | 0.000 |
| 738 | 2.163 | 2.4998 | 0.0273 | -0.3365 | 0.513 | -0.655 | 0.001 |
| 739 | 2.230 | 2.4999 | 0.0273 | -0.2699 | 0.513 | -0.526 | 0.000 |
| 740 | 2.152 | 2.5003 | 0.0274 | -0.3485 | 0.513 | -0.679 | 0.001 |
| 741 | 2.041 | 2.5003 | 0.0274 | -0.4591 | 0.513 | -0.894 | 0.001 |
| 742 | 1.526 | 2.5006 | 0.0274 | -0.9746 | 0.513 | -1.898 | 0.005 |
| 743 | 2.407 | 2.5011 | 0.0275 | -0.0941 | 0.513 | -0.183 | 0.000 |
| 744 | 2.557 | 2.5012 | 0.0275 | 0.0560 | 0.513 | 0.109 | 0.000 |
| 745 | 2.728 | 2.5015 | 0.0275 | 0.2264 | 0.513 | 0.441 | 0.000 |
| 746 | 3.001 | 2.5017 | 0.0275 | 0.4991 | 0.513 | 0.972 | 0.001 |
| 747 | 2.681 | 2.5022 | 0.0276 | 0.1788 | 0.513 | 0.348 | 0.000 |
| 748 | 3.148 | 2.5029 | 0.0277 | 0.6456 | 0.513 | 1.257 | 0.002 |
| 749 | 2.885 | 2.5033 | 0.0278 | 0.3815 | 0.513 | 0.743 | 0.001 |
| 750 | 1.686 | 2.5035 | 0.0278 | -0.8171 | 0.513 | -1.592 | 0.004 |
| 751 | 3.239 | 2.5036 | 0.0278 | 0.7351 | 0.513 | 1.432 | 0.003 |
| 752 | 2.230 | 2.5039 | 0.0278 | -0.2739 | 0.513 | -0.533 | 0.000 |
| 753 | 3.254 | 2.5044 | 0.0279 | 0.7499 | 0.513 | 1.461 | 0.003 |
| 754 | 2.617 | 2.5066 | 0.0282 | 0.1108 | 0.513 | 0.216 | 0.000 |
| 755 | 2.695 | 2.5072 | 0.0283 | 0.1874 | 0.513 | 0.365 | 0.000 |
| 756 | 2.128 | 2.5073 | 0.0283 | -0.3791 | 0.513 | -0.739 | 0.001 |
| 757 | 1.872 | 2.5080 | 0.0284 | -0.6362 | 0.513 | -1.239 | 0.002 |
| 758 | 2.885 | 2.5081 | 0.0284 | 0.3767 | 0.513 | 0.734 | 0.001 |
| 759 | 3.118 | 2.5082 | 0.0284 | 0.6097 | 0.513 | 1.188 | 0.002 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 760 | 1.482 | 2.5091 | 0.0285 | -1.0275 | 0.513 | -2.002 | 0.006 |
| 761 | 2.425 | 2.5091 | 0.0285 | -0.0843 | 0.513 | -0.164 | 0.000 |
| 762 | 2.760 | 2.5092 | 0.0285 | 0.2508 | 0.513 | 0.489 | 0.000 |
| 763 | 3.325 | 2.5097 | 0.0286 | 0.8153 | 0.513 | 1.588 | 0.004 |
| 764 | 2.747 | 2.5103 | 0.0287 | 0.2369 | 0.513 | 0.462 | 0.000 |
| 765 | 2.054 | 2.5104 | 0.0287 | -0.4563 | 0.513 | -0.889 | 0.001 |
| 766 | 3.321 | 2.5106 | 0.0287 | 0.8109 | 0.513 | 1.580 | 0.004 |
| 767 | 1.335 | 2.5111 | 0.0288 | -1.1761 | 0.513 | -2.291 | 0.008 |
| 768 | 1.308 | 2.5114 | 0.0288 | -1.2030 | 0.513 | -2.344 | 0.009 |
| 769 | 2.646 | 2.5117 | 0.0289 | 0.1345 | 0.513 | 0.262 | 0.000 |
| 770 | 2.580 | 2.5118 | 0.0289 | 0.0684 | 0.513 | 0.133 | 0.000 |
| 771 | 2.451 | 2.5130 | 0.0290 | -0.0620 | 0.513 | -0.121 | 0.000 |
| 772 | 4.142 | 2.5134 | 0.0291 | 1.6281 | 0.513 | 3.172 | 0.016 |
| 773 | 2.701 | 2.5135 | 0.0291 | 0.1879 | 0.513 | 0.366 | 0.000 |
| 774 | 2.996 | 2.5137 | 0.0291 | 0.4820 | 0.513 | 0.939 | 0.001 |
| 775 | 2.603 | 2.5140 | 0.0292 | 0.0887 | 0.513 | 0.173 | 0.000 |
| 776 | 2.660 | 2.5143 | 0.0292 | 0.1460 | 0.513 | 0.284 | 0.000 |
| 777 | 2.477 | 2.5145 | 0.0293 | -0.0380 | 0.513 | -0.074 | 0.000 |
| 778 | 2.079 | 2.5152 | 0.0293 | -0.4357 | 0.513 | -0.849 | 0.001 |
| 779 | 2.874 | 2.5152 | 0.0293 | 0.3584 | 0.513 | 0.698 | 0.001 |
| 780 | 2.970 | 2.5153 | 0.0294 | 0.4552 | 0.513 | 0.887 | 0.001 |
| 781 | 2.128 | 2.5155 | 0.0294 | -0.3873 | 0.513 | -0.755 | 0.001 |
| 782 | 2.991 | 2.5158 | 0.0294 | 0.4749 | 0.513 | 0.925 | 0.001 |
| 783 | 3.497 | 2.5171 | 0.0296 | 0.9794 | 0.513 | 1.908 | 0.006 |
| 784 | 2.389 | 2.5172 | 0.0296 | -0.1284 | 0.513 | -0.250 | 0.000 |
| 785 | 2.140 | 2.5174 | 0.0296 | -0.3773 | 0.513 | -0.735 | 0.001 |
| 786 | 2.625 | 2.5186 | 0.0298 | 0.1061 | 0.513 | 0.207 | 0.000 |
| 787 | 1.917 | 2.5190 | 0.0299 | -0.6021 | 0.513 | -1.173 | 0.002 |
| 788 | 2.104 | 2.5191 | 0.0299 | -0.4150 | 0.513 | -0.809 | 0.001 |
| 789 | 1.872 | 2.5194 | 0.0299 | -0.6476 | 0.513 | -1.262 | 0.003 |
| 790 | 2.001 | 2.5201 | 0.0300 | -0.5186 | 0.513 | -1.010 | 0.002 |
| 791 | 1.974 | 2.5205 | 0.0301 | -0.5464 | 0.513 | -1.065 | 0.002 |
| 792 | 2.425 | 2.5206 | 0.0301 | -0.0958 | 0.513 | -0.187 | 0.000 |

## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 793 | 2.779 | 2.5219 | 0.0303 | 0.2569 | 0.513 | 0.501 | 0.000 |
| 794 | 2.230 | 2.5223 | 0.0303 | -0.2923 | 0.513 | -0.570 | 0.001 |
| 795 | 2.434 | 2.5223 | 0.0303 | -0.0887 | 0.513 | -0.173 | 0.000 |
| 796 | 1.194 | 2.5225 | 0.0303 | -1.3286 | 0.513 | -2.589 | 0.012 |
| 797 | 2.573 | 2.5226 | 0.0304 | 0.0500 | 0.513 | 0.097 | 0.000 |
| 798 | 2.695 | 2.5226 | 0.0304 | 0.1720 | 0.513 | 0.335 | 0.000 |
| 799 | 3.001 | 2.5233 | 0.0305 | 0.4774 | 0.513 | 0.930 | 0.002 |
| 800 | 2.803 | 2.5235 | 0.0305 | 0.2798 | 0.513 | 0.545 | 0.001 |
| 801 | 2.434 | 2.5240 | 0.0306 | -0.0904 | 0.513 | -0.176 | 0.000 |
| 802 | 2.208 | 2.5242 | 0.0306 | -0.3159 | 0.513 | -0.616 | 0.001 |
| 803 | 2.434 | 2.5264 | 0.0309 | -0.0928 | 0.513 | -0.181 | 0.000 |
| 804 | 2.760 | 2.5269 | 0.0309 | 0.2331 | 0.513 | 0.454 | 0.000 |
| 805 | 1.792 | 2.5275 | 0.0310 | -0.7357 | 0.513 | -1.434 | 0.004 |
| 806 | 2.773 | 2.5276 | 0.0310 | 0.2450 | 0.513 | 0.477 | 0.000 |
| 807 | 2.839 | 2.5283 | 0.0311 | 0.3108 | 0.513 | 0.606 | 0.001 |
| 808 | 2.313 | 2.5286 | 0.0312 | -0.2160 | 0.513 | -0.421 | 0.000 |
| 809 | 2.313 | 2.5286 | 0.0312 | -0.2161 | 0.513 | -0.421 | 0.000 |
| 810 | 2.501 | 2.5288 | 0.0312 | -0.0274 | 0.513 | -0.053 | 0.000 |
| 811 | 2.827 | 2.5289 | 0.0312 | 0.2984 | 0.513 | 0.581 | 0.001 |
| 812 | 2.695 | 2.5295 | 0.0313 | 0.1651 | 0.513 | 0.322 | 0.000 |
| 813 | 3.575 | 2.5296 | 0.0313 | 1.0455 | 0.513 | 2.037 | 0.008 |
| 814 | 1.856 | 2.5310 | 0.0315 | -0.6747 | 0.513 | -1.315 | 0.003 |
| 815 | 3.105 | 2.5320 | 0.0317 | 0.5726 | 0.513 | 1.116 | 0.002 |
| 816 | 2.442 | 2.5325 | 0.0317 | -0.0901 | 0.513 | -0.176 | 0.000 |
| 817 | 1.946 | 2.5329 | 0.0318 | -0.5870 | 0.513 | -1.144 | 0.003 |
| 818 | 3.227 | 2.5335 | 0.0319 | 0.6933 | 0.513 | 1.351 | 0.004 |
| 819 | 1.988 | 2.5337 | 0.0319 | -0.5459 | 0.513 | -1.064 | 0.002 |
| 820 | 0.531 | 2.5339 | 0.0319 | -2.0032 | 0.513 | -3.904 | 0.030 |
| 821 | 2.728 | 2.5339 | 0.0319 | 0.1940 | 0.513 | 0.378 | 0.000 |
| 822 | 2.351 | 2.5343 | 0.0320 | -0.1829 | 0.513 | -0.356 | 0.000 |
| 823 | 2.342 | 2.5350 | 0.0321 | -0.1932 | 0.513 | -0.377 | 0.000 |
| 824 | 2.219 | 2.5352 | 0.0321 | -0.3160 | 0.513 | -0.616 | 0.001 |
| 825 | 2.912 | 2.5354 | 0.0321 | 0.3769 | 0.513 | 0.735 | 0.001 |

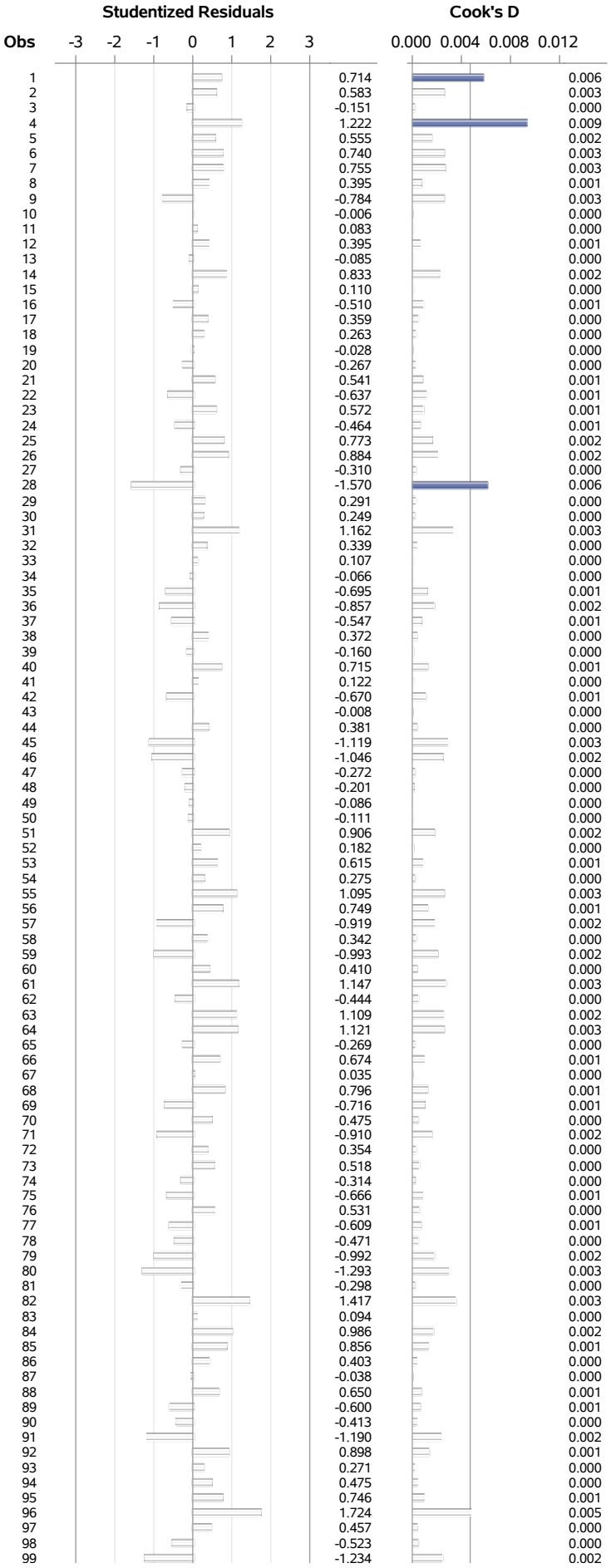
## The REG Procedure
## Model: MODEL1
## Dependent Variable: Log_pct_over

| Output Statistics | | | | | | | |
|---|---|---|---|---|---|---|---|
| Obs | Dependent Variable | Predicted Value | Std Error Mean Predict | Residual | Std Error Residual | Student Residual | Cook's D |
| 826 | 3.073 | 2.5357 | 0.0322 | 0.5370 | 0.513 | 1.047 | 0.002 |
| 827 | 2.639 | 2.5362 | 0.0323 | 0.1029 | 0.513 | 0.201 | 0.000 |
| 828 | 3.223 | 2.5373 | 0.0324 | 0.6856 | 0.513 | 1.336 | 0.004 |
| 829 | 2.595 | 2.5373 | 0.0324 | 0.0579 | 0.513 | 0.113 | 0.000 |
| 830 | 3.388 | 2.5376 | 0.0325 | 0.8502 | 0.513 | 1.657 | 0.005 |
| 831 | 3.552 | 2.5376 | 0.0325 | 1.0148 | 0.513 | 1.978 | 0.008 |
| 832 | 1.917 | 2.5378 | 0.0325 | -0.6209 | 0.513 | -1.210 | 0.003 |
| 833 | 2.282 | 2.5382 | 0.0325 | -0.2558 | 0.513 | -0.499 | 0.000 |
| 834 | 1.887 | 2.5382 | 0.0325 | -0.6511 | 0.513 | -1.269 | 0.003 |
| 835 | 2.896 | 2.5382 | 0.0325 | 0.3577 | 0.513 | 0.697 | 0.001 |
| 836 | 2.451 | 2.5389 | 0.0326 | -0.0879 | 0.513 | -0.171 | 0.000 |
| 837 | 2.674 | 2.5390 | 0.0327 | 0.1351 | 0.513 | 0.263 | 0.000 |
| 838 | 2.879 | 2.5393 | 0.0327 | 0.3399 | 0.513 | 0.663 | 0.001 |
| 839 | 2.197 | 2.5395 | 0.0327 | -0.3423 | 0.513 | -0.667 | 0.001 |
| 840 | 2.442 | 2.5405 | 0.0329 | -0.0981 | 0.513 | -0.191 | 0.000 |
| 841 | 2.460 | 2.5409 | 0.0329 | -0.0813 | 0.513 | -0.158 | 0.000 |
| 842 | 1.917 | 2.5412 | 0.0330 | -0.6243 | 0.513 | -1.217 | 0.003 |
| 843 | 3.239 | 2.5414 | 0.0330 | 0.6973 | 0.513 | 1.359 | 0.004 |
| 844 | 3.686 | 2.5439 | 0.0334 | 1.1424 | 0.513 | 2.227 | 0.010 |
| 845 | 2.493 | 2.5440 | 0.0334 | -0.0508 | 0.513 | -0.099 | 0.000 |
| 846 | 2.708 | 2.5441 | 0.0334 | 0.1640 | 0.513 | 0.320 | 0.000 |
| 847 | 2.041 | 2.5446 | 0.0335 | -0.5033 | 0.513 | -0.981 | 0.002 |
| 848 | 2.708 | 2.5475 | 0.0339 | 0.1606 | 0.513 | 0.313 | 0.000 |

**The REG Procedure**
**Model: MODEL1**
**Dependent Variable: Log_pct_over**

*Continuing contents of page 111, which would not fit on a single physical page*

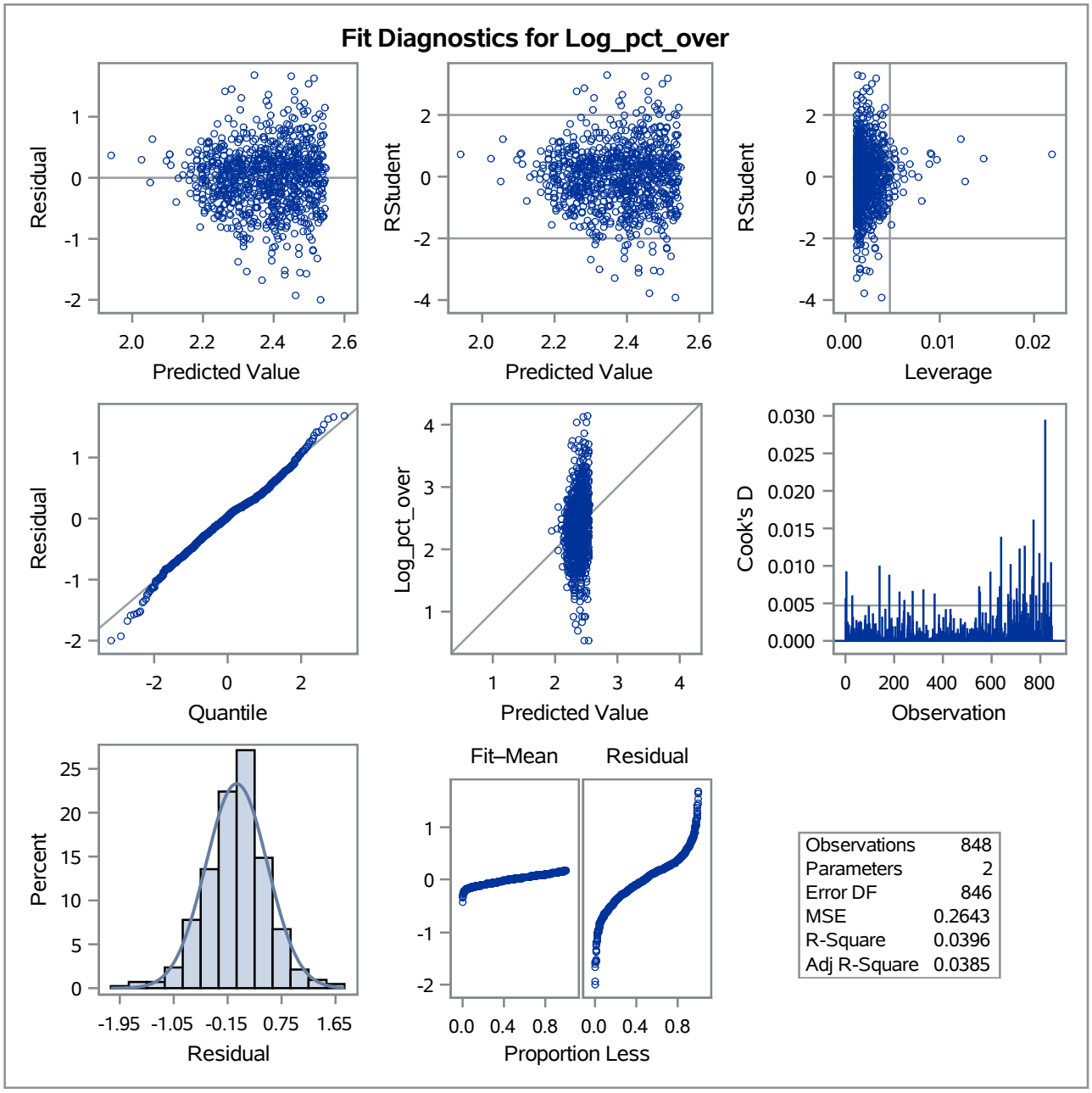
## Studentized Residuals and Cook's D for Log_pct_over



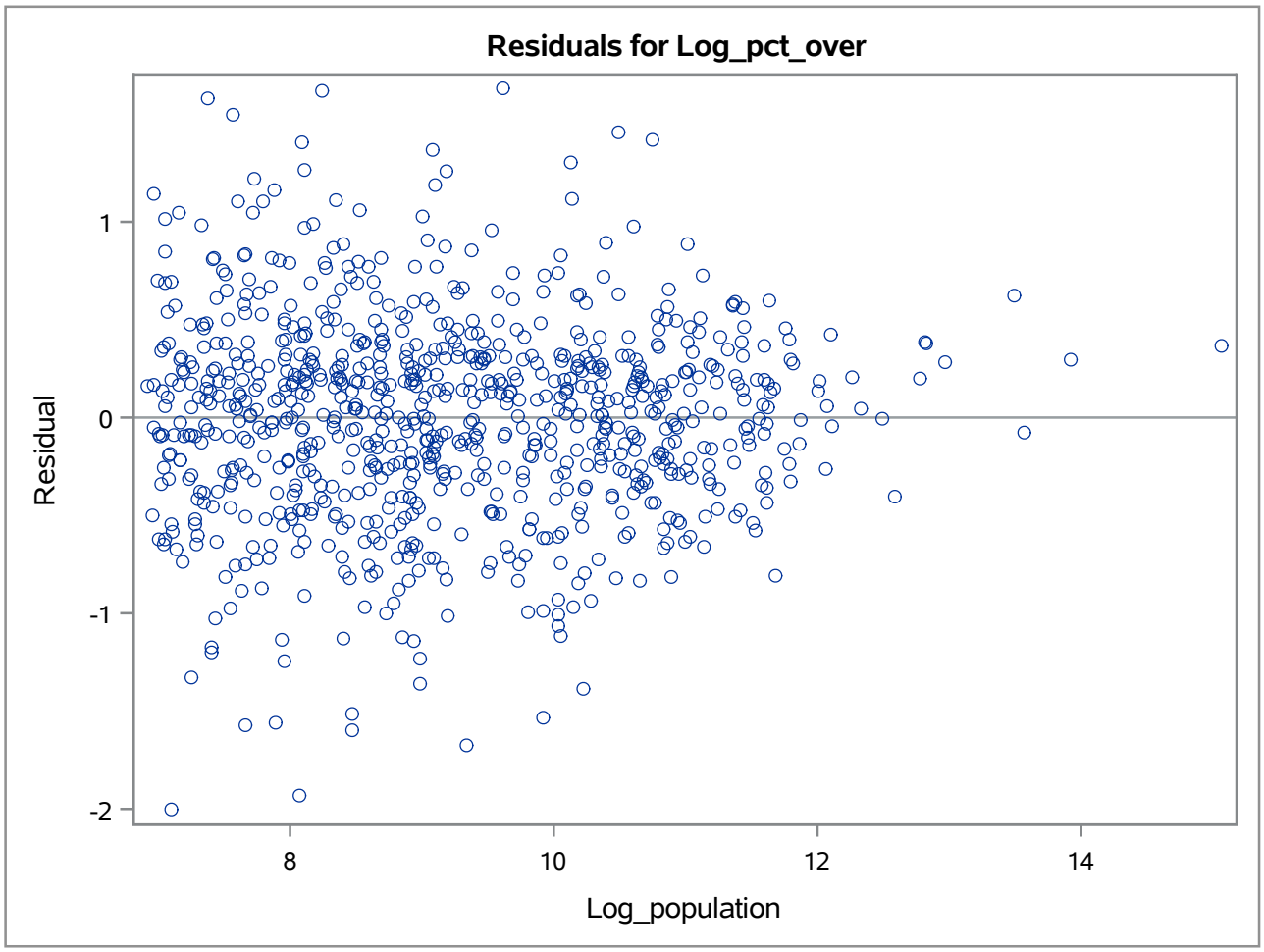
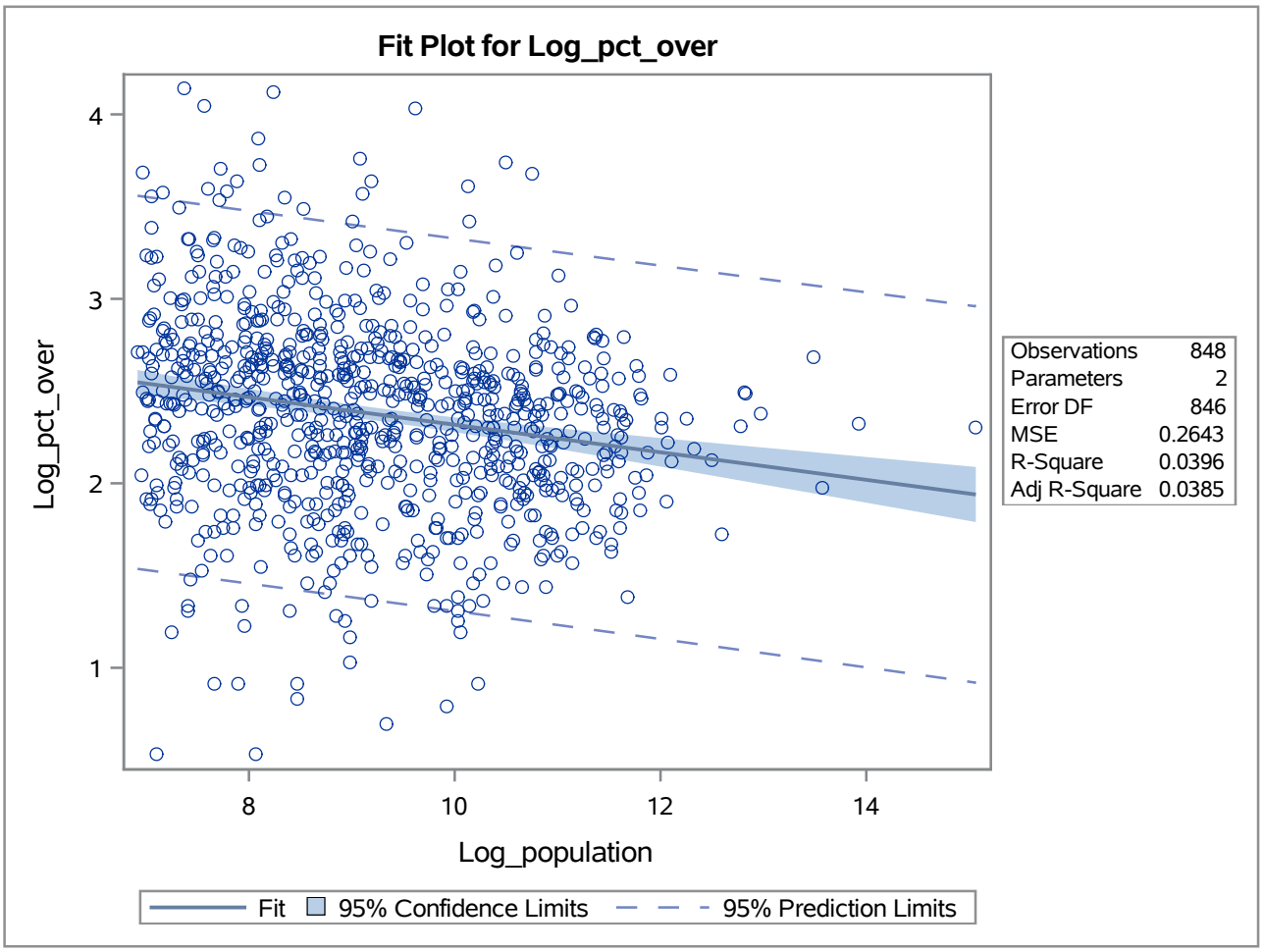

| Obs | Studentized Residuals | Cook's D |
|---|---|---|
| 1 | 0.714 | 0.006 |
| 2 | 0.583 | 0.003 |
| 3 | -0.151 | 0.000 |
| 4 | 1.222 | 0.009 |
| 5 | 0.555 | 0.002 |
| 6 | 0.740 | 0.003 |
| 7 | 0.755 | 0.003 |
| 8 | 0.395 | 0.001 |
| 9 | -0.784 | 0.003 |
| 10 | -0.006 | 0.000 |
| 11 | 0.083 | 0.000 |
| 12 | 0.395 | 0.001 |
| 13 | -0.085 | 0.000 |
| 14 | 0.833 | 0.002 |
| 15 | 0.110 | 0.000 |
| 16 | -0.510 | 0.001 |
| 17 | 0.359 | 0.000 |
| 18 | 0.263 | 0.000 |
| 19 | -0.028 | 0.000 |
| 20 | -0.267 | 0.000 |
| 21 | 0.541 | 0.001 |
| 22 | -0.637 | 0.001 |
| 23 | 0.572 | 0.001 |
| 24 | -0.464 | 0.001 |
| 25 | 0.773 | 0.002 |
| 26 | 0.884 | 0.002 |
| 27 | -0.310 | 0.000 |
| 28 | -1.570 | 0.006 |
| 29 | 0.291 | 0.000 |
| 30 | 0.249 | 0.000 |
| 31 | 1.162 | 0.003 |
| 32 | 0.339 | 0.000 |
| 33 | 0.107 | 0.000 |
| 34 | -0.066 | 0.000 |
| 35 | -0.695 | 0.001 |
| 36 | -0.857 | 0.002 |
| 37 | -0.547 | 0.001 |
| 38 | 0.372 | 0.000 |
| 39 | -0.160 | 0.000 |
| 40 | 0.715 | 0.001 |
| 41 | 0.122 | 0.000 |
| 42 | -0.670 | 0.001 |
| 43 | -0.008 | 0.000 |
| 44 | 0.381 | 0.000 |
| 45 | -1.119 | 0.003 |
| 46 | -1.046 | 0.002 |
| 47 | -0.272 | 0.000 |
| 48 | -0.201 | 0.000 |
| 49 | -0.086 | 0.000 |
| 50 | -0.111 | 0.000 |
| 51 | 0.906 | 0.002 |
| 52 | 0.182 | 0.000 |
| 53 | 0.615 | 0.001 |
| 54 | 0.275 | 0.000 |
| 55 | 1.095 | 0.003 |
| 56 | 0.749 | 0.001 |
| 57 | -0.919 | 0.002 |
| 58 | 0.342 | 0.000 |
| 59 | -0.993 | 0.002 |
| 60 | 0.410 | 0.000 |
| 61 | 1.147 | 0.003 |
| 62 | -0.444 | 0.000 |
| 63 | 1.109 | 0.002 |
| 64 | 1.121 | 0.003 |
| 65 | -0.269 | 0.000 |
| 66 | 0.674 | 0.001 |
| 67 | 0.035 | 0.000 |
| 68 | 0.796 | 0.001 |
| 69 | -0.716 | 0.001 |
| 70 | 0.475 | 0.000 |
| 71 | -0.910 | 0.002 |
| 72 | 0.354 | 0.000 |
| 73 | 0.518 | 0.000 |
| 74 | -0.314 | 0.000 |
| 75 | -0.666 | 0.001 |
| 76 | 0.531 | 0.000 |
| 77 | -0.609 | 0.001 |
| 78 | -0.471 | 0.000 |
| 79 | -0.992 | 0.002 |
| 80 | -1.293 | 0.003 |
| 81 | -0.298 | 0.000 |
| 82 | 1.417 | 0.003 |
| 83 | 0.094 | 0.000 |
| 84 | 0.986 | 0.002 |
| 85 | 0.856 | 0.001 |
| 86 | 0.403 | 0.000 |
| 87 | -0.038 | 0.000 |
| 88 | 0.650 | 0.001 |
| 89 | -0.600 | 0.001 |
| 90 | -0.413 | 0.000 |
| 91 | -1.190 | 0.002 |
| 92 | 0.898 | 0.001 |
| 93 | 0.271 | 0.000 |
| 94 | 0.475 | 0.000 |
| 95 | 0.746 | 0.001 |
| 96 | 1.724 | 0.005 |
| 97 | 0.457 | 0.000 |
| 98 | -0.523 | 0.000 |
| 99 | -1.234 | 0.002 |

**The REG Procedure**
**Model: MODEL1**
**Dependent Variable: Log_pct_over**

| | |
|---|---|
| **Sum of Residuals** | -3.4001E-12 |
| **Sum of Squared Residuals** | 223.61233 |
| **Predicted Residual SS (PRESS)** | 224.59191 |



**The REG Procedure**
**Model: MODEL1**



**The REG Procedure**
**Model: MODEL1**