

The REG Procedure
Model: MODEL1
Dependent Variable: SBP SBP

| Analysis of Variance | | | | | |
|------------------------|----|----------------|-------------|---------|--------|
| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
| Model | 1 | 1552.98039 | 1552.98039 | 685.93 | <.0001 |
| Error | 15 | 33.96078 | 2.26405 | | |
| Corrected Total | 16 | 1586.94118 | | | |

| | | | |
|-----------------------|-----------|-----------------|--------|
| Root MSE | 1.50468 | R-Square | 0.9786 |
| Dependent Mean | 114.94118 | Adj R-Sq | 0.9772 |
| Coeff Var | 1.30908 | | |

| Parameter Estimates | | | | | | |
|---------------------|-----------|----|--------------------|----------------|---------|---------|
| Variable | Label | DF | Parameter Estimate | Standard Error | t Value | Pr > t |
| Intercept | Intercept | 1 | 97.38235 | 0.76332 | 127.58 | <.0001 |
| AGE | AGE | 1 | 1.95098 | 0.07449 | 26.19 | <.0001 |

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| Output Statistics | | | | | | | | |
|-------------------|-------------|-----------------|------------------------|-------------|----------|----------------|----------|----------|
| Obs | Dep Var SBP | Predicted Value | Std Error Mean Predict | 95% CL Mean | | 95% CL Predict | | Residual |
| 1 | 98.0000 | 99.3333 | 0.6988 | 97.8439 | 100.8228 | 95.7972 | 102.8695 | -1.3333 |
| 2 | 102.0000 | 101.2843 | 0.6365 | 99.9277 | 102.6409 | 97.8021 | 104.7666 | 0.7157 |
| 3 | 105.0000 | 103.2353 | 0.5770 | 102.0054 | 104.4652 | 99.8004 | 106.6702 | 1.7647 |
| 4 | 107.0000 | 105.1863 | 0.5214 | 104.0748 | 106.2977 | 101.7920 | 108.5805 | 1.8137 |
| 5 | 108.0000 | 107.1373 | 0.4711 | 106.1331 | 108.1415 | 103.7766 | 110.4979 | 0.8627 |
| 6 | 110.0000 | 109.0882 | 0.4279 | 108.1761 | 110.0003 | 105.7539 | 112.4226 | 0.9118 |
| 7 | 111.0000 | 111.0392 | 0.3942 | 110.1990 | 111.8794 | 107.7238 | 114.3546 | -0.0392 |
| 8 | 112.0000 | 112.9902 | 0.3725 | 112.1963 | 113.7841 | 109.6863 | 116.2941 | -0.9902 |
| 9 | 113.0000 | 114.9412 | 0.3649 | 114.1633 | 115.7190 | 111.6411 | 118.2413 | -1.9412 |
| 10 | 115.0000 | 116.8922 | 0.3725 | 116.0983 | 117.6860 | 113.5882 | 120.1961 | -1.8922 |
| 11 | 117.0000 | 118.8431 | 0.3942 | 118.0030 | 119.6833 | 115.5278 | 122.1585 | -1.8431 |
| 12 | 119.0000 | 120.7941 | 0.4279 | 119.8820 | 121.7062 | 117.4598 | 124.1284 | -1.7941 |
| 13 | 122.0000 | 122.7451 | 0.4711 | 121.7409 | 123.7493 | 119.3844 | 126.1058 | -0.7451 |
| 14 | 125.0000 | 124.6961 | 0.5214 | 123.5846 | 125.8075 | 121.3018 | 128.0903 | 0.3039 |
| 15 | 127.0000 | 126.6471 | 0.5770 | 125.4172 | 127.8769 | 123.2122 | 130.0819 | 0.3529 |
| 16 | 130.0000 | 128.5980 | 0.6365 | 127.2414 | 129.9546 | 125.1158 | 132.0803 | 1.4020 |
| 17 | 133.0000 | 130.5490 | 0.6988 | 129.0596 | 132.0385 | 127.0129 | 134.0852 | 2.4510 |

| | |
|--------------------------------------|----------|
| Sum of Residuals | 0 |
| Sum of Squared Residuals | 33.96078 |
| Predicted Residual SS (PRESS) | 44.89005 |

SBP = 97.382 + 1.951 AGE

N
17
Rsq
0.9786
AdjRsq
0.9772
RMSE
1.5047

