

| Obs | No | Name    | Pos | DoBY | DoBM | DoBD | shintyou | taijyuu | tou | da | bikou |
|-----|----|---------|-----|------|------|------|----------|---------|-----|----|-------|
| 1   | 92 | 与田 剛    | 監督  | 1965 | 12   | 4    | .        | .       |     |    |       |
| 2   | 11 | 小笠原 慎之介 | 投手  | 1997 | 10   | 8    | 180      | 95      | 左   | 左  |       |
| 3   | 12 | 田島 慎二   | 投手  | 1989 | 12   | 21   | 181      | 84      | 右   | 右  |       |
| 4   | 14 | 谷元 圭介   | 投手  | 1985 | 1    | 28   | 167      | 72      | 右   | 右  |       |
| 5   | 16 | 又吉 克樹   | 投手  | 1990 | 11   | 4    | 181      | 74      | 右   | 右  |       |
| 6   | 17 | 柳 裕也    | 投手  | 1994 | 4    | 22   | 180      | 85      | 右   | 右  |       |
| 7   | 18 | 松坂 大輔   | 投手  | 1980 | 9    | 13   | 183      | 93      | 右   | 右  |       |
| 8   | 19 | 吉見 一起   | 投手  | 1984 | 9    | 19   | 182      | 90      | 右   | 右  |       |
| 9   | 21 | 岡田 俊哉   | 投手  | 1991 | 12   | 5    | 178      | 67      | 左   | 左  |       |
| 10  | 22 | 大野 雄大   | 投手  | 1988 | 9    | 26   | 183      | 83      | 左   | 左  |       |

## The MEANS Procedure

| Variable | N  | Mean        | Std Dev   | Minimum     | Maximum     |
|----------|----|-------------|-----------|-------------|-------------|
| DoBY     | 77 | 1991.58     | 5.6483594 | 1965.00     | 2000.00     |
| DoBM     | 77 | 6.6363636   | 3.4447103 | 1.0000000   | 12.0000000  |
| DoBD     | 77 | 14.5714286  | 7.8378780 | 1.0000000   | 31.0000000  |
| shintyou | 76 | 181.0921053 | 5.5908917 | 167.0000000 | 201.0000000 |
| taijyuu  | 76 | 84.7894737  | 8.5421555 | 65.0000000  | 117.0000000 |

## The FREQ Procedure

| DoBY | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|------|-----------|---------|----------------------|--------------------|
| 1965 | 1         | 1.30    | 1                    | 1.30               |
| 1978 | 1         | 1.30    | 2                    | 2.60               |
| 1980 | 1         | 1.30    | 3                    | 3.90               |
| 1981 | 1         | 1.30    | 4                    | 5.19               |
| 1984 | 2         | 2.60    | 6                    | 7.79               |
| 1985 | 2         | 2.60    | 8                    | 10.39              |
| 1987 | 4         | 5.19    | 12                   | 15.58              |
| 1988 | 5         | 6.49    | 17                   | 22.08              |
| 1989 | 6         | 7.79    | 23                   | 29.87              |
| 1990 | 4         | 5.19    | 27                   | 35.06              |
| 1991 | 10        | 12.99   | 37                   | 48.05              |
| 1992 | 7         | 9.09    | 44                   | 57.14              |
| 1993 | 4         | 5.19    | 48                   | 62.34              |
| 1994 | 7         | 9.09    | 55                   | 71.43              |
| 1995 | 4         | 5.19    | 59                   | 76.62              |
| 1996 | 5         | 6.49    | 64                   | 83.12              |
| 1997 | 3         | 3.90    | 67                   | 87.01              |
| 1998 | 2         | 2.60    | 69                   | 89.61              |
| 1999 | 3         | 3.90    | 72                   | 93.51              |
| 2000 | 5         | 6.49    | 77                   | 100.00             |

| DoBM | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|------|-----------|---------|----------------------|--------------------|
| 1    | 7         | 9.09    | 7                    | 9.09               |
| 2    | 4         | 5.19    | 11                   | 14.29              |
| 3    | 5         | 6.49    | 16                   | 20.78              |
| 4    | 7         | 9.09    | 23                   | 29.87              |
| 5    | 9         | 11.69   | 32                   | 41.56              |
| 6    | 6         | 7.79    | 38                   | 49.35              |

| DoBM | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|------|-----------|---------|----------------------|--------------------|
| 7    | 8         | 10.39   | 46                   | 59.74              |
| 8    | 5         | 6.49    | 51                   | 66.23              |
| 9    | 5         | 6.49    | 56                   | 72.73              |
| 10   | 7         | 9.09    | 63                   | 81.82              |
| 11   | 7         | 9.09    | 70                   | 90.91              |
| 12   | 7         | 9.09    | 77                   | 100.00             |

| tou | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|-----|-----------|---------|----------------------|--------------------|
| 右   | 63        | 82.89   | 63                   | 82.89              |
| 左   | 13        | 17.11   | 76                   | 100.00             |

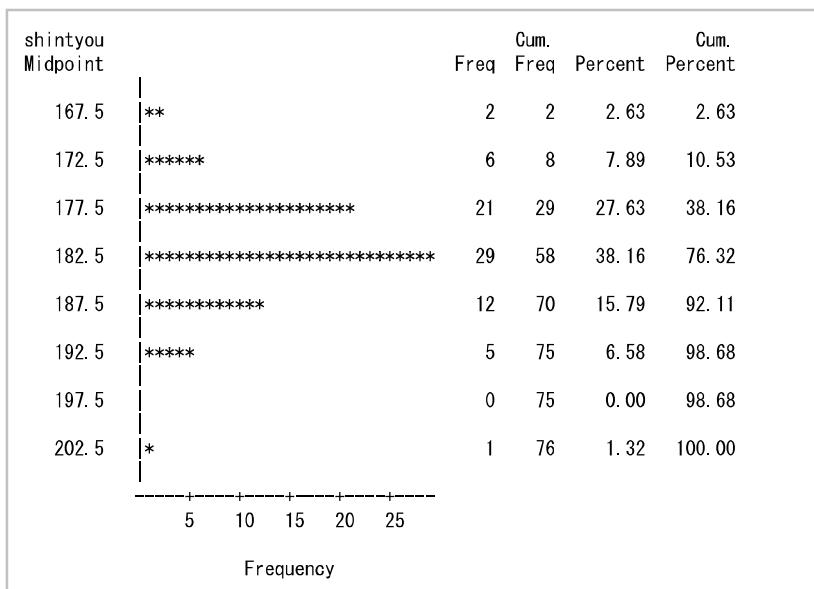
Frequency Missing = 1

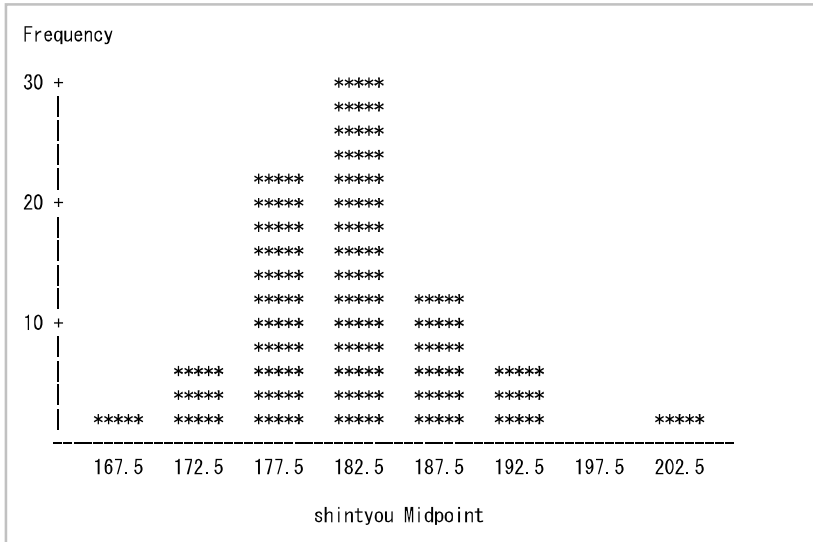
| da | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|----|-----------|---------|----------------------|--------------------|
| 右  | 44        | 57.89   | 44                   | 57.89              |
| 左  | 29        | 38.16   | 73                   | 96.05              |
| 左右 | 3         | 3.95    | 76                   | 100.00             |

Frequency Missing = 1

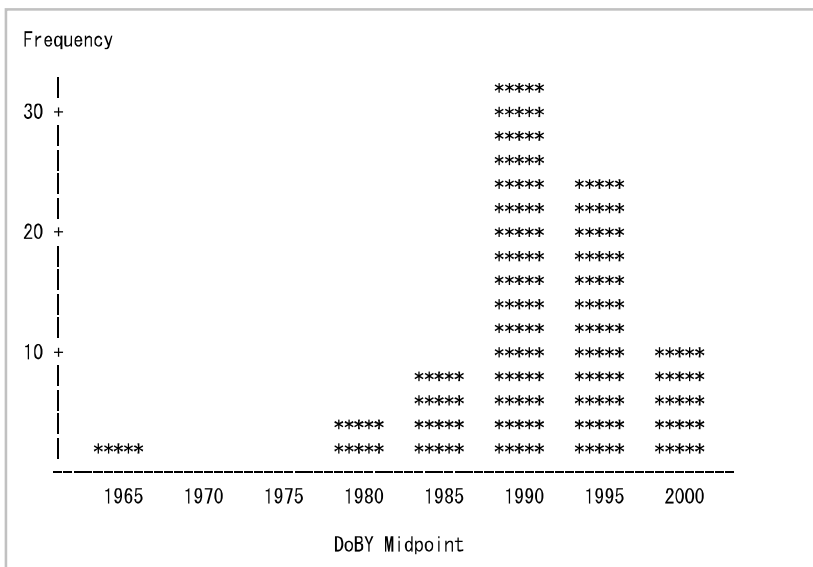
| Frequency<br>Percent<br>Row Pct<br>Col Pct | Table of tou by da |                               |                               |                             |              |
|--|--------------------|-------------------------------|-------------------------------|-----------------------------|--------------|
|  | tou                | da                            |                               |                             | Total        |
|  |                    | 右                             | 左                             | 左右                          |              |
|  | 右                  | 43<br>56.58<br>68.25<br>97.73 | 17<br>22.37<br>26.98<br>58.62 | 3<br>3.95<br>4.76<br>100.00 | 63<br>82.89  |
|  | 左                  | 1<br>1.32<br>7.69<br>2.27     | 12<br>15.79<br>92.31<br>41.38 | 0<br>0.00<br>0.00<br>0.00   | 13<br>17.11  |
|  | Total              | 44<br>57.89                   | 29<br>38.16                   | 3<br>3.95                   | 76<br>100.00 |

Frequency Missing = 1





| DoBY Midpoint | Freq | Cum. Freq | Percent | Cum. Percent |
|---------------|------|-----------|---------|--------------|
| 1965          | 1    | 1         | 1.30    | 1.30         |
| 1970          | 0    | 1         | 0.00    | 1.30         |
| 1975          | 0    | 1         | 0.00    | 1.30         |
| 1980          | 3    | 4         | 3.90    | 5.19         |
| 1985          | 8    | 12        | 10.39   | 15.58        |
| 1990          | 32   | 44        | 41.56   | 57.14        |
| 1995          | 23   | 67        | 29.87   | 87.01        |
| 2000          | 10   | 77        | 12.99   | 100.00       |



| Moments         |            |                  |            |
|-----------------|------------|------------------|------------|
| N               | 76         | Sum Weights      | 76         |
| Mean            | 181.092105 | Sum Observations | 13763      |
| Std Deviation   | 5.59089172 | Variance         | 31.2580702 |
| Skewness        | 0.2473852  | Kurtosis         | 1.74383959 |
| Uncorrected SS  | 2494715    | Corrected SS     | 2344.35526 |
| Coeff Variation | 3.08731941 | Std Error Mean   | 0.64131926 |

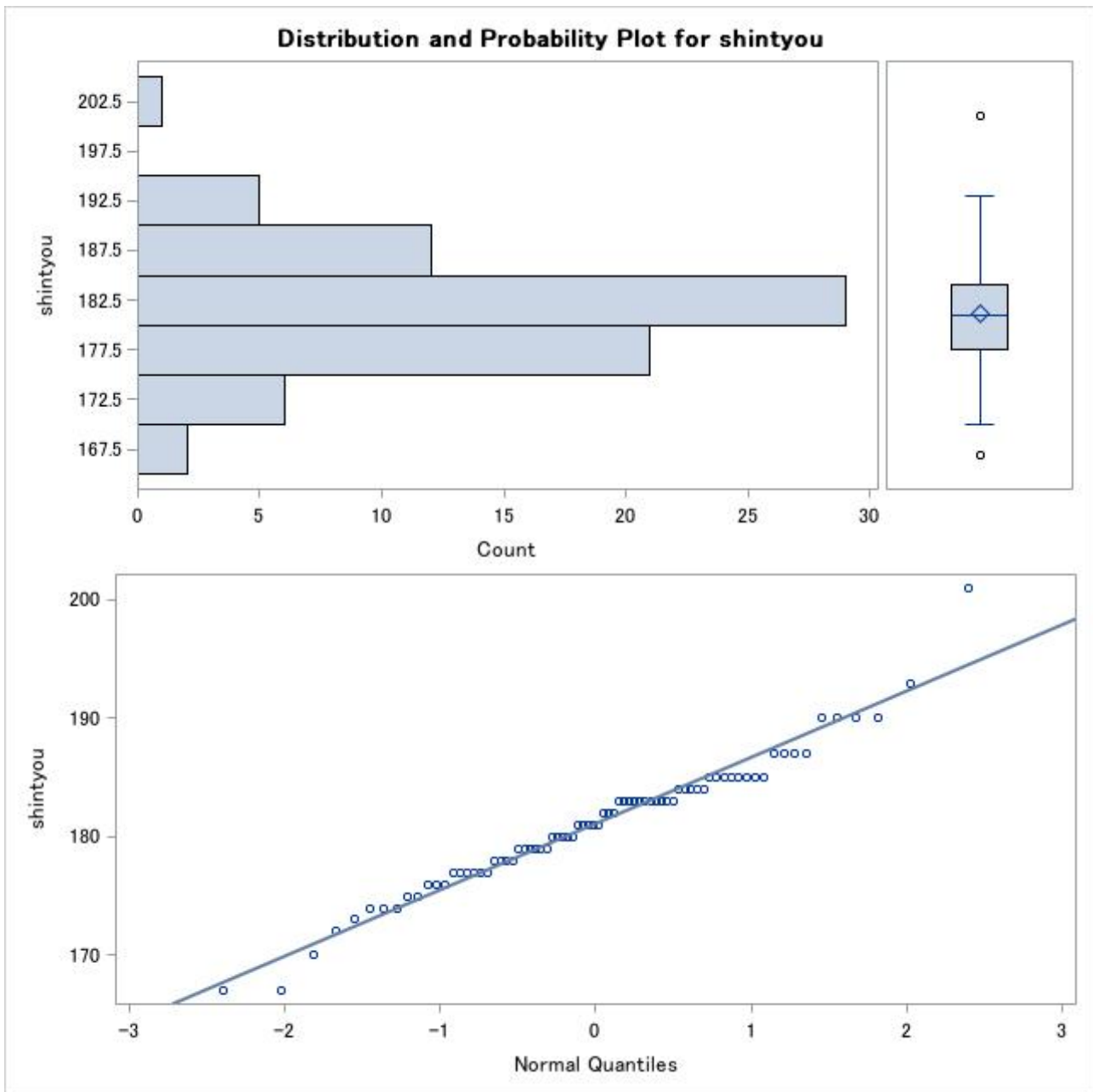
| Basic Statistical Measures |          |                     |          |
|----------------------------|----------|---------------------|----------|
| Location                   |          | Variability         |          |
| Mean                       | 181.0921 | Std Deviation       | 5.59089  |
| Median                     | 181.0000 | Variance            | 31.25807 |
| Mode                       | 183.0000 | Range               | 34.00000 |
|                            |          | Interquartile Range | 6.50000  |

| Tests for Location: Mu0=0 |           |          |          |        |
|---------------------------|-----------|----------|----------|--------|
| Test                      | Statistic |          | p Value  |        |
| Student's t               | t         | 282.3743 | Pr >  t  | <.0001 |
| Sign                      | M         | 38       | Pr >=  M | <.0001 |
| Signed Rank               | S         | 1463     | Pr >=  S | <.0001 |

| Quantiles (Definition 5) |          |
|--------------------------|----------|
| Level                    | Quantile |
| 100% Max                 | 201.0    |
| 99%                      | 201.0    |
| 95%                      | 190.0    |
| 90%                      | 187.0    |
| 75% Q3                   | 184.0    |
| 50% Median               | 181.0    |
| 25% Q1                   | 177.5    |
| 10%                      | 174.0    |
| 5%                       | 172.0    |
| 1%                       | 167.0    |
| 0% Min                   | 167.0    |

| Extreme Observations |     |         |     |
|----------------------|-----|---------|-----|
| Lowest               |     | Highest |     |
| Value                | Obs | Value   | Obs |
| 167                  | 27  | 190     | 32  |
| 167                  | 4   | 190     | 75  |
| 170                  | 70  | 190     | 77  |
| 172                  | 63  | 193     | 33  |
| 173                  | 40  | 201     | 65  |

| Missing Values |       |            |             |
|----------------|-------|------------|-------------|
| Missing Value  | Count | Percent Of |             |
|                |       | All Obs    | Missing Obs |
| .              | 1     | 1.30       | 100.00      |



The UNIVARIATE Procedure  
Variable: DoBY

| Moments         |            |                  |            |
|-----------------|------------|------------------|------------|
| N               | 77         | Sum Weights      | 77         |
| Mean            | 1991.58442 | Sum Observations | 153352     |
| Std Deviation   | 5.64835945 | Variance         | 31.9039645 |
| Skewness        | -1.5223156 | Kurtosis         | 5.55338437 |
| Uncorrected SS  | 305415878  | Corrected SS     | 2424.7013  |
| Coeff Variation | 0.28361135 | Std Error Mean   | 0.6436903  |

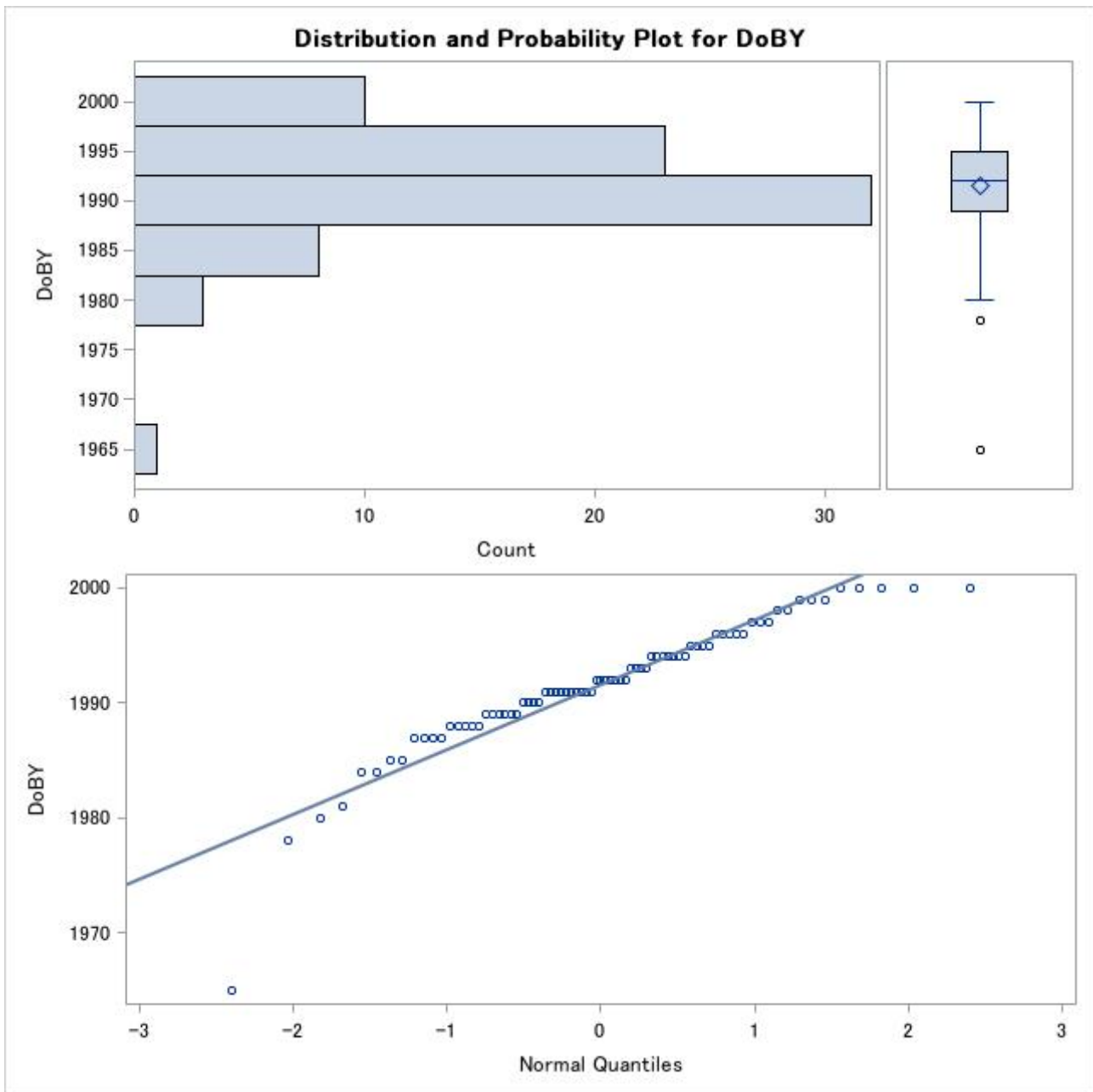
| Basic Statistical Measures |          |                     |          |
|----------------------------|----------|---------------------|----------|
| Location                   |          | Variability         |          |
| Mean                       | 1991.584 | Std Deviation       | 5.64836  |
| Median                     | 1992.000 | Variance            | 31.90396 |
| Mode                       | 1991.000 | Range               | 35.00000 |
|                            |          | Interquartile Range | 6.00000  |

| Tests for Location: Mu0=0 |           |         |
|---------------------------|-----------|---------|
| Test                      | Statistic | p Value |
|                           |           |         |

| Tests for Location: Mu0=0 |           |         |          |        |
|---------------------------|-----------|---------|----------|--------|
| Test                      | Statistic |         | p Value  |        |
| Student's t               | t         | 3094.01 | Pr >  t  | <.0001 |
| Sign                      | M         | 38.5    | Pr >=  M | <.0001 |
| Signed Rank               | S         | 1501.5  | Pr >=  S | <.0001 |

| Quantiles (Definition 5) |          |
|--------------------------|----------|
| Level                    | Quantile |
| 100% Max                 | 2000     |
| 99%                      | 2000     |
| 95%                      | 2000     |
| 90%                      | 1999     |
| 75% Q3                   | 1995     |
| 50% Median               | 1992     |
| 25% Q1                   | 1989     |
| 10%                      | 1985     |
| 5%                       | 1981     |
| 1%                       | 1965     |
| 0% Min                   | 1965     |

| Extreme Observations |     |         |     |
|----------------------|-----|---------|-----|
| Lowest               |     | Highest |     |
| Value                | Obs | Value   | Obs |
| 1965                 | 1   | 2000    | 27  |
| 1978                 | 14  | 2000    | 28  |
| 1980                 | 7   | 2000    | 42  |
| 1981                 | 58  | 2000    | 48  |
| 1984                 | 39  | 2000    | 66  |



The UNIVARIATE Procedure  
Variable: shintyou

| Moments         |            |                  |            |
|-----------------|------------|------------------|------------|
| N               | 76         | Sum Weights      | 76         |
| Mean            | 181.092105 | Sum Observations | 13763      |
| Std Deviation   | 5.59089172 | Variance         | 31.2580702 |
| Skewness        | 0.2473852  | Kurtosis         | 1.74383959 |
| Uncorrected SS  | 2494715    | Corrected SS     | 2344.35526 |
| Coeff Variation | 3.08731941 | Std Error Mean   | 0.64131926 |

| Basic Statistical Measures |          |                     |          |
|----------------------------|----------|---------------------|----------|
| Location                   |          | Variability         |          |
| Mean                       | 181.0921 | Std Deviation       | 5.59089  |
| Median                     | 181.0000 | Variance            | 31.25807 |
| Mode                       | 183.0000 | Range               | 34.00000 |
|                            |          | Interquartile Range | 6.50000  |

Tests for Location: Mu0=0

| Test | Tests | Statistic | Pr >  t | p Value |
|------|-------|-----------|---------|---------|
|------|-------|-----------|---------|---------|

| Test        | Statistic  | p Value          |
|-------------|------------|------------------|
| Student's t | t 282.3743 | Pr >  t  <.0001  |
| Sign        | M 38       | Pr >=  M  <.0001 |
| Signed Rank | S 1463     | Pr >=  S  <.0001 |

| Quantiles (Definition 5) |          |
|--------------------------|----------|
| Level                    | Quantile |
| 100% Max                 | 201.0    |
| 99%                      | 201.0    |
| 95%                      | 190.0    |
| 90%                      | 187.0    |
| 75% Q3                   | 184.0    |
| 50% Median               | 181.0    |
| 25% Q1                   | 177.5    |
| 10%                      | 174.0    |
| 5%                       | 172.0    |
| 1%                       | 167.0    |
| 0% Min                   | 167.0    |

| Extreme Observations |     |         |     |
|----------------------|-----|---------|-----|
| Lowest               |     | Highest |     |
| Value                | Obs | Value   | Obs |
| 167                  | 27  | 190     | 32  |
| 167                  | 4   | 190     | 75  |
| 170                  | 70  | 190     | 77  |
| 172                  | 63  | 193     | 33  |
| 173                  | 40  | 201     | 65  |

| Missing Values |       |            |             |
|----------------|-------|------------|-------------|
| Missing Value  | Count | Percent Of |             |
|                |       | All Obs    | Missing Obs |
| .              | 1     | 1.30       | 100.00      |

The UNIVARIATE Procedure  
Variable: shintyou

| Stem Leaf            | #  | Boxplot   |
|----------------------|----|-----------|
| 200 0                | 1  | 0         |
| 198                  |    |           |
| 196                  |    |           |
| 194                  |    |           |
| 192 0                | 1  |           |
| 190 0000             | 4  |           |
| 188                  |    |           |
| 186 0000             | 4  |           |
| 184 0000000000000000 | 13 | +-----+   |
| 182 0000000000000000 | 14 | -----     |
| 180 0000000000       | 10 | *---*---* |
| 178 0000000000       | 10 | -----     |
| 176 0000000000       | 9  | +-----+   |
| 174 00000            | 5  |           |
| 172 00               | 2  |           |
| 170 0                | 1  |           |
| 168                  |    |           |
| 166 00               | 2  | 0         |



The UNIVARIATE Procedure  
Variable: shintyou

