

## The CONTENTS Procedure

|                            |   |                             |    |
|----------------------------|---|-----------------------------|----|
| <b>Data Set Name</b>       | WORK.DIABETES   | <b>Observations</b>         | 50 |
| <b>Member Type</b>         | DATA  | <b>Variables</b>            | 4  |
| <b>Engine</b>              | V9  | <b>Indexes</b>              | 0  |
| <b>Created</b>             | 09/16/2017 16:53:22                                   | <b>Observation Length</b>   | 40 |
| <b>Last Modified</b>       | 09/16/2017 16:53:22                                   | <b>Deleted Observations</b> | 0  |
| <b>Protection</b>          |   | <b>Compressed</b>           | NO |
| <b>Data Set Type</b>       |   | <b>Sorted</b>               | NO |
| <b>Label</b>               |   |                             |    |
| <b>Data Representation</b> | SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64 |                             |    |
| <b>Encoding</b>            | utf-8 Unicode (UTF-8)                                 |                             |    |

| Engine/Host Dependent Information |  |
|-----------------------------------|--|
| <b>Data Set Page Size</b>         | 65536  |
| <b>Number of Data Set Pages</b>   | 1  |
| <b>First Data Page</b>            | 1  |
| <b>Max Obs per Page</b>           | 1632   |
| <b>Obs in First Data Page</b>     | 50   |
| <b>Number of Data Set Repairs</b> | 0  |
| <b>Filename</b>                   | /tmp/SAS_work421B00005F91_localhost.localdomain/SAS_workF86200005F91_localhost.localdomain/diabetes.sas7bdat |
| <b>Release Created</b>            | 9.0401M4   |
| <b>Host Created</b>               | Linux  |
| <b>Inode Number</b>               | 536467   |
| <b>Access Permission</b>          | rw-rw-r--  |
| <b>Owner Name</b>                 | sasdemo  |
| <b>File Size</b>                  | 128KB  |
| <b>File Size (bytes)</b>          | 131072   |

| Alphabetic List of Variables and Attributes |             |      |     |         |          |             |
|---|-------------|------|-----|---------|----------|-------------|
| #   | Variable    | Type | Len | Format  | Informat | Label       |
| 3   | Diet_Drinks | Char | 12  | \$12.   | \$12.    | Diet_Drinks |
| 4   | Glucose     | Num  | 8   | BEST12. |          | Glucose     |
| 2   | Insulin     | Char | 12  | \$12.   | \$12.    | Insulin     |
| 1   | Subj        | Num  | 8   | BEST12. |          | Subj        |

**Variable: Glucose (Glucose)**  
**Diet\_Drinks = Often**

| Tests for Normality |           |          |           |        |
|---------------------|-----------|----------|-----------|--------|
| Test                | Statistic |          | p Value   |        |
| Shapiro-Wilk        | W         | 0.884576 | Pr < W    | 0.0043 |
| Kolmogorov-Smirnov  | D         | 0.15558  | Pr > D    | 0.0725 |
| Cramer-von Mises    | W-Sq      | 0.18399  | Pr > W-Sq | 0.0080 |
| Anderson-Darling    | A-Sq      | 1.105658 | Pr > A-Sq | 0.0059 |

**Variable: Glucose (Glucose)**  
**Diet\_Drinks = Rarely**

| Tests for Normality |           |          |           |         |
|---------------------|-----------|----------|-----------|---------|
| Test                | Statistic |          | p Value   |         |
| Shapiro-Wilk        | W         | 0.897802 | Pr < W    | 0.1248  |
| Kolmogorov-Smirnov  | D         | 0.201796 | Pr > D    | >0.1500 |
| Cramer-von Mises    | W-Sq      | 0.075629 | Pr > W-Sq | 0.2233  |
| Anderson-Darling    | A-Sq      | 0.49749  | Pr > A-Sq | 0.1810  |

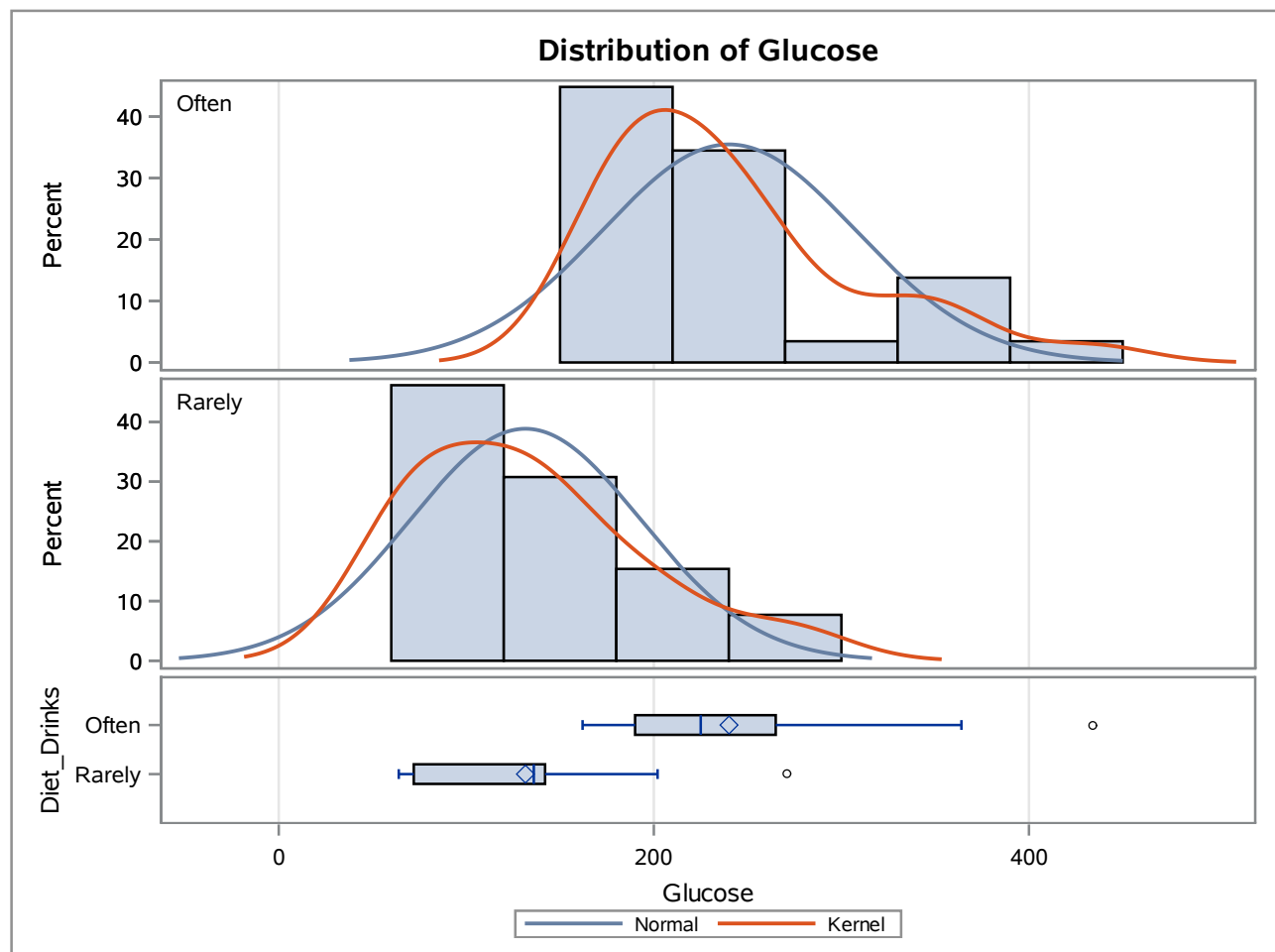
**Variable: Glucose (Glucose)**

| Diet_Drinks | N  | Mean  | Std Dev | Std Err | Minimum | Maximum |
|-------------|----|-------|---------|---------|---------|---------|
| Often       | 29 | 240.1 | 67.4711 | 12.5291 | 162.0   | 434.0   |
| Rarely      | 13 | 131.5 | 61.5936 | 17.0830 | 64.0000 | 271.0   |
| Diff (1-2)  |    | 108.5 | 65.7630 | 21.9501 |         |         |

| Diet_Drinks | Method        | Mean  | 95% CL Mean |       | Std Dev | 95% CL Std Dev |         |
|-------------|---------------|-------|-------------|-------|---------|----------------|---------|
| Often       |               | 240.1 | 214.4       | 265.7 | 67.4711 | 53.5437        | 91.2514 |
| Rarely      |               | 131.5 | 94.3178     | 168.8 | 61.5936 | 44.1679        | 101.7   |
| Diff (1-2)  | Pooled        | 108.5 | 64.1678     | 152.9 | 65.7630 | 53.9923        | 84.1440 |
| Diff (1-2)  | Satterthwaite | 108.5 | 64.9211     | 152.1 |         |                |         |

| Method        | Variances | DF     | t Value | Pr >  t |
|---------------|-----------|--------|---------|---------|
| Pooled        | Equal     | 40     | 4.94    | <.0001  |
| Satterthwaite | Unequal   | 25.251 | 5.12    | <.0001  |

| Equality of Variances |        |        |         |        |
|-----------------------|--------|--------|---------|--------|
| Method                | Num DF | Den DF | F Value | Pr > F |
| Folded F              | 28     | 12     | 1.20    | 0.7654 |



Variable: Glucose (Glucose)  
Diet\_Drinks = Rarely

Variable: Glucose (Glucose)

