

## The LIFEREG Procedure

| Model Information        |                     |
|--------------------------|---------------------|
| Data Set                 | WORK.ANALYSE_SURVIE |
| Dependent Variable       | Log(T_survie)       |
| Censoring Variable       | Censure             |
| Censoring Value(s)       | 0                   |
| Number of Observations   | 97                  |
| Noncensored Values       | 77                  |
| Right Censored Values    | 20                  |
| Left Censored Values     | 0                   |
| Interval Censored Values | 0                   |
| Number of Parameters     | 5                   |
| Name of Distribution     | Weibull             |
| Log Likelihood           | -118.6511274        |

|                             |    |
|-----------------------------|----|
| Number of Observations Read | 97 |
| Number of Observations Used | 97 |

| Fit Statistics           |         |
|--------------------------|---------|
| -2 Log Likelihood        | 237.302 |
| AIC (smaller is better)  | 247.302 |
| AICC (smaller is better) | 247.962 |
| BIC (smaller is better)  | 260.176 |

| Fit Statistics (Unlogged Response) |         |
|------------------------------------|---------|
| -2 Log Likelihood                  | 508.461 |
| Weibull AIC (smaller is better)    | 518.461 |
| Weibull AICC (smaller is better)   | 519.120 |
| Weibull BIC (smaller is better)    | 531.335 |

Algorithm converged.

| Type III Analysis of Effects |    |                    |            |
|------------------------------|----|--------------------|------------|
| Effect                       | DF | Wald<br>Chi-Square | Pr > ChiSq |
| chomage                      | 1  | 31.7926            | <.0001     |
| Jrs_delinquance              | 1  | 43.7979            | <.0001     |
| L_revenu                     | 1  | 5.8891             | 0.0152     |

| Analysis of Maximum Likelihood Parameter Estimates |    |          |                   |                       |         |            |            |
|--|----|----------|-------------------|-----------------------|---------|------------|------------|
| Parameter  | DF | Estimate | Standard<br>Error | 95% Confidence Limits |         | Chi-Square | Pr > ChiSq |
| Intercept  | 1  | -2.1083  | 3.3672            | -8.7079               | 4.4913  | 0.39       | 0.5312     |
| chomage  | 1  | -1.0193  | 0.1808            | -1.3736               | -0.6650 | 31.79      | <.0001     |
| Jrs_delinquance                                    | 1  | -0.0871  | 0.0132            | -0.1128               | -0.0613 | 43.80      | <.0001     |
| L_revenu   | 1  | 0.7328   | 0.3020            | 0.1410                | 1.3247  | 5.89       | 0.0152     |
| Scale  | 1  | 0.7848   | 0.0694            | 0.6600                | 0.9333  |            |            |
| Weibull Shape                                      | 1  | 1.2741   | 0.1127            | 1.0714                | 1.5152  |            |            |