

HR for Mortality from Stroke For Log UTXB by ASA Group

The PHREG Procedure

Aspirin Use=No Aspirin Use

| Model Information | |
|--------------------|---------------------|
| Data Set | WORK.SURVIVALSTROKE |
| Dependent Variable | days |
| Censoring Variable | censor |
| Censoring Value(s) | 1 |
| Ties Handling | BRESLOW |

| | |
|-----------------------------|------|
| Number of Observations Read | 1681 |
| Number of Observations Used | 1680 |

| Summary of the Number of Event and Censored Values | | | |
|--|-------|----------|------------------|
| Total | Event | Censored | Percent Censored |
| 1680 | 7 | 1673 | 99.58 |

| Convergence Status |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Model Fit Statistics | | |
|----------------------|--------------------|-----------------|
| Criterion | Without Covariates | With Covariates |
| -2 LOG L | 100.061 | 100.035 |
| AIC | 100.061 | 102.035 |
| SBC | 100.061 | 101.981 |

| Testing Global Null Hypothesis: BETA=0 | | | |
|--|------------|----|------------|
| Test | Chi-Square | DF | Pr > ChiSq |
| Likelihood Ratio | 0.0257 | 1 | 0.8727 |
| Score | 0.0254 | 1 | 0.8733 |
| Wald | 0.0255 | 1 | 0.8732 |

| Analysis of Maximum Likelihood Estimates | | | | | | |
|--|----|--------------------|----------------|------------|------------|--------------|
| Parameter | DF | Parameter Estimate | Standard Error | Chi-Square | Pr > ChiSq | Hazard Ratio |
| logtxb | 1 | 0.07814 | 0.48975 | 0.0255 | 0.8732 | 1.081 |

HR for Mortality from Stroke For Log UTXB by ASA Group**The PHREG Procedure**

Aspirin Use=No Aspirin Use

| Hazard Ratios for logtxb | | | |
|--------------------------|----------------|----------------------------|-------|
| Description | Point Estimate | 95% Wald Confidence Limits | |
| logtxb Unit=1 | 1.081 | 0.414 | 2.824 |

HR for Mortality from Stroke For Log UTXB by ASA Group

The PHREG Procedure

Aspirin Use=Aspirin Use

| Model Information | |
|--------------------|---------------------|
| Data Set | WORK.SURVIVALSTROKE |
| Dependent Variable | days |
| Censoring Variable | censor |
| Censoring Value(s) | 1 |
| Ties Handling | BRESLOW |

| | |
|-----------------------------|------|
| Number of Observations Read | 1363 |
| Number of Observations Used | 1363 |

| Summary of the Number of Event and Censored Values | | | |
|--|-------|----------|------------------|
| Total | Event | Censored | Percent Censored |
| 1363 | 22 | 1341 | 98.39 |

| Convergence Status |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Model Fit Statistics | | |
|----------------------|--------------------|-----------------|
| Criterion | Without Covariates | With Covariates |
| -2 LOG L | 303.782 | 302.882 |
| AIC | 303.782 | 304.882 |
| SBC | 303.782 | 305.973 |

| Testing Global Null Hypothesis: BETA=0 | | | |
|--|------------|----|------------|
| Test | Chi-Square | DF | Pr > ChiSq |
| Likelihood Ratio | 0.8994 | 1 | 0.3429 |
| Score | 0.9659 | 1 | 0.3257 |
| Wald | 0.9671 | 1 | 0.3254 |

| Analysis of Maximum Likelihood Estimates | | | | | | |
|--|----|--------------------|----------------|------------|------------|--------------|
| Parameter | DF | Parameter Estimate | Standard Error | Chi-Square | Pr > ChiSq | Hazard Ratio |
| logtxb | 1 | 0.31096 | 0.31621 | 0.9671 | 0.3254 | 1.365 |

HR for Mortality from Stroke For Log UTXB by ASA Group**The PHREG Procedure**

Aspirin Use=Aspirin Use

| Hazard Ratios for logtxb | | | |
|--------------------------|----------------|----------------------------|-------|
| Description | Point Estimate | 95% Wald Confidence Limits | |
| logtxb Unit=1 | 1.365 | 0.734 | 2.536 |

HR for Mortality from Stroke For UTXB > Q1&2 ASA = Y and > Q1 to Q3 for ASA = N

The PHREG Procedure

| Model Information | |
|--------------------|---------------------|
| Data Set | WORK.SURVIVALSTROKE |
| Dependent Variable | days |
| Censoring Variable | censor |
| Censoring Value(s) | 1 |
| Ties Handling | BRESLOW |

| | |
|-----------------------------|------|
| Number of Observations Read | 3044 |
| Number of Observations Used | 3043 |

| Class Level Information | | |
|-------------------------|--------------------|------------------|
| Class | Value | Design Variables |
| combined | Q4 or > median | 1 |
| | Q1_Q3 or <= median | 0 |

| Summary of the Number of Event and Censored Values | | | |
|--|-------|----------|------------------|
| Total | Event | Censored | Percent Censored |
| 3043 | 29 | 3014 | 99.05 |

| Convergence Status |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Model Fit Statistics | | |
|----------------------|--------------------|-----------------|
| Criterion | Without Covariates | With Covariates |
| -2 LOG L | 448.269 | 445.505 |
| AIC | 448.269 | 447.505 |
| SBC | 448.269 | 448.872 |

| Testing Global Null Hypothesis: BETA=0 | | | |
|--|------------|----|------------|
| Test | Chi-Square | DF | Pr > ChiSq |
| Likelihood Ratio | 2.7641 | 1 | 0.0964 |
| Score | 2.9212 | 1 | 0.0874 |
| Wald | 2.8284 | 1 | 0.0926 |

HR for Mortality from Stroke For UTXB > Q1&2 ASA = Y and > Q1 to Q3 for ASA = N

The PHREG Procedure

| Type 3 Tests | | | |
|--------------|----|--------------------|------------|
| Effect | DF | Wald Chi-Square | Pr > ChiSq |
| combined | 1 | 2.8284 | 0.0926 |

| Analysis of Maximum Likelihood Estimates | | | | | | | | |
|--|----------------|----|-----------------------|-------------------|------------|------------|-----------------|-------------------------|
| Parameter | | DF | Parameter Estimate | Standard Error | Chi-Square | Pr > ChiSq | Hazard Ratio | Label |
| combined | Q4 or > median | 1 | 0.62539 | 0.37186 | 2.8284 | 0.0926 | 1.869 | combined Q4 or > median |

| Hazard Ratios for combined | | | |
|---|-------------------|-------------------------------------|-------|
| Description | Point Estimate | 95% Wald Confidence Limits | |
| combined Q4 or > median vs Q1_Q3 or <= median | 1.869 | 0.902 | 3.874 |

HR for Mortality from Stroke For UTXB > Median for ASA = Yes**The PHREG Procedure**

| Model Information | |
|--------------------|---------------------|
| Data Set | WORK.SURVIVALSTROKE |
| Dependent Variable | days |
| Censoring Variable | censor |
| Censoring Value(s) | 1 |
| Ties Handling | BRESLOW |

| | |
|-----------------------------|------|
| Number of Observations Read | 1363 |
| Number of Observations Used | 1363 |

| Class Level Information | | |
|-------------------------|-----------|------------------|
| Class | Value | Design Variables |
| medianu | > median | 1 |
| | <= median | 0 |

| Summary of the Number of Event and Censored Values | | | |
|--|-------|----------|------------------|
| Total | Event | Censored | Percent Censored |
| 1363 | 22 | 1341 | 98.39 |

| Convergence Status |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Model Fit Statistics | | |
|----------------------|--------------------|-----------------|
| Criterion | Without Covariates | With Covariates |
| -2 LOG L | 303.782 | 303.304 |
| AIC | 303.782 | 305.304 |
| SBC | 303.782 | 306.395 |

| Testing Global Null Hypothesis: BETA=0 | | | |
|--|------------|----|------------|
| Test | Chi-Square | DF | Pr > ChiSq |
| Likelihood Ratio | 0.4775 | 1 | 0.4895 |
| Score | 0.4784 | 1 | 0.4891 |
| Wald | 0.4760 | 1 | 0.4903 |

HR for Mortality from Stroke For UTXB > Median for ASA = Yes**The PHREG Procedure**

| Type 3 Tests | | | |
|--------------|----|--------------------|------------|
| Effect | DF | Wald Chi-Square | Pr > ChiSq |
| medianu | 1 | 0.4760 | 0.4903 |

| Analysis of Maximum Likelihood Estimates | | | | | | | | |
|--|----------|----|-----------------------|-------------------|------------|------------|-----------------|------------------|
| Parameter | | DF | Parameter Estimate | Standard Error | Chi-Square | Pr > ChiSq | Hazard Ratio | Label |
| medianu | > median | 1 | 0.29559 | 0.42844 | 0.4760 | 0.4903 | 1.344 | medianu > median |

| Hazard Ratios for medianu | | | |
|-------------------------------|-------------------|-------------------------------------|-------|
| Description | Point Estimate | 95% Wald Confidence Limits | |
| medianu > median vs <= median | 1.344 | 0.580 | 3.112 |

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| Model Information | |
|--------------------|---------------------|
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| Dependent Variable | days |
| Censoring Variable | censor |
| Censoring Value(s) | 1 |
| Ties Handling | BRESLOW |

| | |
|-----------------------------|------|
| Number of Observations Read | 1681 |
| Number of Observations Used | 1680 |

| Class Level Information | | |
|-------------------------|-------|------------------|
| Class | Value | Design Variables |
| q2u | Q4 | 1 |
| | Q1-Q3 | 0 |

| Summary of the Number of Event and Censored Values | | | |
|--|-------|----------|------------------|
| Total | Event | Censored | Percent Censored |
| 1680 | 7 | 1673 | 99.58 |

| Convergence Status |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Model Fit Statistics | | |
|----------------------|--------------------|-----------------|
| Criterion | Without Covariates | With Covariates |
| -2 LOG L | 100.061 | 99.910 |
| AIC | 100.061 | 101.910 |
| SBC | 100.061 | 101.856 |

| Testing Global Null Hypothesis: BETA=0 | | | |
|--|------------|----|------------|
| Test | Chi-Square | DF | Pr > ChiSq |
| Likelihood Ratio | 0.1508 | 1 | 0.6978 |
| Score | 0.1600 | 1 | 0.6891 |
| Wald | 0.1588 | 1 | 0.6903 |

HR for Mortality from Stroke For UTXB > Q3 for ASA = No

The PHREG Procedure

| Type 3 Tests | | | |
|--------------|----|--------------------|------------|
| Effect | DF | Wald Chi-Square | Pr > ChiSq |
| q2u | 1 | 0.1588 | 0.6903 |

| Analysis of Maximum Likelihood Estimates | | | | | | | | |
|--|----|----|-----------------------|-------------------|------------|------------|-----------------|------------------|
| Parameter | | DF | Parameter Estimate | Standard Error | Chi-Square | Pr > ChiSq | Hazard Ratio | Label |
| q2u | Q4 | 1 | 0.33360 | 0.83723 | 0.1588 | 0.6903 | 1.396 | 4th Q vs Q1-3 Q4 |

| Hazard Ratios for 4th Q vs Q1-3 | | | |
|---------------------------------|-------------------|-------------------------------------|-------|
| Description | Point Estimate | 95% Wald Confidence Limits | |
| q2u Q4 vs Q1-Q3 | 1.396 | 0.271 | 7.203 |