1 of 6

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|---|---|---|--|--|---------------------------|--|
| kin skbasal sksquam bowens thyroid  | Ξ   |   |  |  |                           |  |
| cola02g cola02n skia02w10   | fit sex:2 naga nic*hiro nic*naga<br>sex*lage70:4 sex*lage70sq sex*lage70sp<br>sex*e30 sex*e30sq inahs - %con  | x*lage70sp<br>con   |  |  |                           |  |
| tran if cola02w10 < 0 then delete endif @   | 5 C C C C C C C C C C C C C C C C C C C   | Ç   |  |  |                           |  |
| Skip 1 @<br>imput leginolysks cov @   | sreb<br>O   | ש ע   |  |  |                           |  |
| from Issinc07ahs  | 000   | 21.0  |  |  |                           |  |
| 44371 records read 42040 records used<br>2331 records rejected  | 3 0 2293.608<br>4 0 2270.673<br>5 0 2267.698  | ∞∽∞   |  |  |                           |  |
| itional   | 000   | 844   |  |  |                           |  |
| levels city sex un4gy distcat agxcat agecat dcat time @   | Piece-wise exponential regression   | * ( 1 ± T1  | ( + 77 +   | مم   |                           |  |
| city has 2 levels from 1 to 2 sex has 2 levels from 1 to 2 unday has 2 levels from 0 to 1 distar has 3 lavels from 1 to 3   | S rr  | -<br>-<br>-   | +<br><u>.</u>  | 7  |                           |  |
| agxcat has 15 levels from 1 to 15 agecat has 16 levels from 3 to 18 agecat has 20 levels from 3 to 18   | Paran   | Parameter Summary   | ТарТе  |  |                           |  |
| deat has 22 levels from 2 to 23 time has $10$ levels from 1 to $10$   | # Name  | Estimate  | Std.Err.   | Test Stat.   | P value                   |  |
| tran msex = 2*sex - 3; lage50sp = log(age/50)*(age >= 50); py10k = pyr/10000; iage35 = age < 35; distal = distcat == 2; nic = distcat == 3; inahs = ahs == 2; nic = distcat == 3; inahs = ats == 2; nic = distcat == 3; inahs = ats == 2; nic = distcat == 3; inahs = ats == 2; nic = distance = cola02w10 < 0; nidose = 1.12*cola02w10 = 0; nidose = 1.12*skia02w10 = 0; skia02wsq = 1.12*skia02w10 < 0; skia02wsq = 1.12*skia02w10 < 0; skia02wsq = 1.13*skia02w10 < 0; ados = 30),10; agos = agos = agos   lage70 = log(age/70); lage70sq = lage70x2; lage70x2 = lage70x2*(age > 70);  | Log-linear term 0 1 sex_1 2 sex_2 3 sex_2 3 nads 4 inahs 5 nic * hiro 6 nic * hiro 7 sex_1 * lage70 8 sex_2 * lage70 9 sex_1 * lage70 10 sex_2 * lage70 11 sex_1 * lage70sp | 0.08992<br>0.100404<br>0.100404<br>0.2973<br>0.3978<br>0.3978<br>0.3978<br>0.3978<br>0.4088<br>0.4088 | 0.1633<br>0.1358<br>0.1358<br>0.1358<br>0.1359<br>0.1359<br>0.1359<br>0.1359<br>0.1359<br>0.1359<br>0.1359<br>0.1359 | 5.508<br>0.7516<br>0.7516<br>1.868<br>1.868<br>1.868<br>1.744<br>1.744<br>0.8618 | ^                         |  |
| Ø.  | 35.   | -9.528<br>-0.02996  | 0.09937  |  | 0.07                      |  |
| categ thya02w10 as tbdcat_t < 0.005 0.1 0.2 0.5 1 2 > @ tbdcat_t has 7 levels from 1 to 7 tran if nic then tbdcat_t = 0 endif @   | 14 sex_2 * e30.<br>15 sex_1 * e30sq<br>16 sex_2 * e30sq   | 0.1697<br>-0.07983<br>-0.09127  | 0.1106<br>0.04179<br>0.04003   |  | 0.125<br>0.0561<br>0.0226 |  |
| <pre>leve tbdcat_t @ tbdcat_t has 8 levels from 0 to 7</pre>  | Linear term 1<br>17 skra02w1018 ski1Gyth  | 0.1813 $1.084$  | 0.1644<br>0.5138   | 1.103  | 0.27                      |  |
| <pre>categ skia02w10 as tbdcat_s &lt; 0.005 0.1 0.2 0.5 1 2 &gt; @    tbdcat_s has 7 levels from 1 to 7    tran if nic then tbdcat_s = 0 endif @    leve tbdcat s @</pre>   | Log-linear term 1<br>19 e30   | -1.291<br>0.2771  | 0.3283   | -3.933<br>0.2561   | < 0.001<br>> 0.5          |  |
| tbdcat_s has 8 levels from 0 to 7   | Linear product term 1 21 %CON   | 1.000   | Aliased<br>0.2346  | 1.608  | 0.108                     |  |
| excess w<br>*** WARNING: Fit model again to compute statistics  | Records used  | 42040   |  |  |                           |  |
| ! Skin cancer models<br>nomodel<br>rrisk @ nekin @  | Deviance 2267<br>Pearson Chi2 4187  | 2267.504<br>41873.57 Deg  | Degrees of freedom   | dom 42019  |                           |  |
| 3y10K @   | ! Slope for 1+ Gy doses lincomb 17 + 18 $^\circ$  |   |  |  |                           |  |
| tran $SKIILGYTH = (SKIAUZWIU - I)^*(SKIAUZWIU > I);$  | Estimate  | Std.Error   | м %56  | 95% wald Bounds  |                           |  |
| R linear sp <sup>-</sup><br>1 skia02w10   | MLE : 1.2651  | 0.54540   | 0.19617  | 2.3341   | 11                        |  |
| The tank at the second of the |   |   |  |  |                           |  |

|                                 | Maximum<br>2704.6 | 1822.7<br>1919.4<br>429.91                          | 309.95        | 81.467                |                    | Maximum<br>5 | 121   |               | 1 <del></del>         | -             | ,                  | 7 [ [                       | .0.0          | 0.026837<br>0.026837<br>0.020883   |                 | Maximum<br>0<br>00028868            | 0.0044504     | 0.016326<br>0.049091<br>0.10863     |               | Maximum                             | 625<br>418 | 380<br>75<br>41<br>78         | 23                             | -             | Maximum<br>2883.3<br>2121.3<br>1995.3<br>321.20<br>209.29<br>393.57<br>214.68<br>87.184   |                   |
|---------------------------------|-------------------|---|---------------|-----------------------|--------------------|--------------|-------|---------------|-----------------------|---------------|--------------------|-----------------------------|---------------|--|-----------------|-------------------------------------|---------------|-------------------------------------|---------------|-------------------------------------|------------|-------------------------------|--------------------------------|---------------|---|-------------------|
|                                 | Ċ                 | 2336 0.0018700<br>3369 0.00092000<br>2550 0.0044600 |               |                       | L                  | Count Min    | 336   | 5550<br>897   | 1669<br>1914<br>0     | 044           | Count              | 336 1.3                     | 550 1.1       | 289, 9.3370e-09<br>1669 9.3776e-08<br>1914 1.0400e-08<br>2844 1.3407e-07 |                 | Minimum<br>0<br>0<br>0              | .0816e-10     | .0981e-09<br>.7670e-09<br>.4754e-08 |               | cts<br>Count Minimum                |            | 3/6/<br>2990<br>14532<br>1869 |                                | 3             | Count Minimum<br>1274 0.015560<br>2447 0.0025900<br>3767 0.0039900<br>4532 0.0016900<br>4532 0.00066000<br>1869 0.0075100<br>2337 0.0055100<br>3310 0.0059000 |                   |
| Summary for pyr                 | s Sum 261594.     | 342498.<br>241849.<br>58613.9                       | 39406.8       | 15241.1               | Summary for nmskin | s-sum        | 37    | 111<br>6      | 040,                  | TZ TOW WEN    | Sum                | ∞.                          | + .           | 2.87,803<br>4.81281<br>3.83478<br>2.01466                                | Summary for %EX | Ξ,                                  | 0.262040      | 0.932398<br>3.44020<br>9.24841      | ex = 2        | Summary for subjects<br>Sum         |            | 14541<br>3286<br>3830<br>2741 | 1387<br>857                    | Summary f     | -s 419150.<br>575693.<br>575693.<br>91469.3<br>104237.<br>74149.0<br>38805.3  | Summary for nmski |
|                                 | tbdca             | H (2 m s  | 4 10 0        | 7 0                   |                    | tbdca        |       | 7 W 4         | 100                   |               | tbdca.             | O H C                       | 78.8          | 1000   |                 | tbdca:                              | 7.3.4         | 1000                                | For s         | tbdca                               | 010        | ∆ w 4 rv r                    | 7 0                            |               | tbdca;  |                   |
|                                 |                   | Maximum<br>625                                      |               | Maximum<br>2883.3     |                    | Maximum      | 2     |               | Maximum<br>0.59527    |               | Maximum<br>0.17871 |                             |               | Maximum<br>619<br>625  |                 | Maximum<br>2704.6<br>2883.3         |               | Maximum<br>2<br>2<br>2              |               | Maximum<br>0.27008<br>0.59527       |            | Maximum<br>0.10863<br>0.17871 |                                |               | Maximum<br>619<br>437<br>390<br>112<br>37<br>63   | 20                |
|                                 |                   | Minimum<br>O  |               | Minimum<br>0.00054000 |                    | Mimimim      | 0     |               | Minimum<br>9.3570e-09 |               | MuminiM<br>O       | sex @                       |               | Minimum<br>O<br>O  |                 | Minimum<br>0.00054000<br>0.00059000 |               | Minimum<br>O<br>O                   |               | Minimum<br>9.3570e-09<br>1.5756e-08 |            | muminim<br>0<br>0             | sex tbdcat_s @                 |               | Minimum<br>000<br>000<br>000<br>000   |                   |
| %bk %ex @                       |                   | Count<br>42040                                      | pyr           | Count<br>42040        |                    | Count        | 42040 | %BK           | Count<br>42040        | %EX           | Count<br>42040     | %ex by                      | subjects      | Count<br>19814<br>22226  | oyr             | Count<br>19814<br>22226             | nmskin        | Count<br>19814<br>22226             | %BK           | Count<br>19814<br>22226             | %EX        | Count<br>19814<br>22226       | %bk %ex by                     | subjects      | Count<br>1235<br>2336<br>3369<br>2550<br>3897<br>1669<br>1914   | 2844              |
| sum subjects nor nmskin %bk %ex | Summary for s     | Sum<br>105427                                       | Summary for p | Sum<br>2.76473e+06    | 2                  | 5            | 330   | Summary for % | Sum<br>295.218        | Summary for % | Sum<br>34.7822     | sum subjects pyr nmskin %bk | Summary for s | Sum<br>42902<br>62525  | Summary for pyr | Sum<br>1.04027e+06<br>1.72445e+06   | Summary for r | Sum<br>123<br>207                   | Summary for % | Sum<br>108.298<br>186.920           | or         | Sum<br>14.7023<br>20.0798     | subjects pyr nmskin<br>sex = 1 | Summary for s |   | 657               |
| idus mus                        |                   |   |               |                       |                    |              |       |               |                       |               |                    | sum subj                    |               | sex<br>1   |                 | sex<br>1                            |               | sex<br>1                            |               | sex<br>1                            |            | sex<br>1                      | sum subj<br>For sex            |               | tbdcat_s<br>0<br>1<br>2<br>3<br>4<br>4<br>6   | 7                 |

| PYGy)   | P value<br>( 0.0364<br>0.0364<br>0.0519<br>0.0111<br>( 0.001<br>0.0383<br>( 0.001<br>0.0383<br>( 0.0453<br>( 0.0453  | 0.089<br>0.0189<br>0.0189<br>0.001<br>0.001<br>0.001   |
|---|--|--|
| per 10,000 P  | est stat.<br>4.97<br>4.97<br>4.97<br>0.484739<br>0.484739<br>1.5948<br>1.5948<br>0.9248<br>0.9248<br>0.02456<br>1.547<br>1.547<br>1.547  | 1.077 2.348 -3.526 -0.3849 om 42019 1d Bounds 5.6440   |
| (excess cases pe  | Table  Std.Err. Te  1,104  0,1415  0,1415  0,1415  0,1415  0,1416  0,9786  7,359  7,359  7,359  0,1032  0,1032  0,1032  0,04448  | .3376<br>1.2<br>1.108<br>1.108<br>iased<br>.2036<br>of freed<br>95% wa   |
| at 1 Gy 1 Gy 3  | Summary<br>timate<br>0.8471<br>0.5702<br>0.75702<br>0.2960<br>0.3257<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261<br>0.2261 | 0.3636 0<br>2.819 0<br>4.159 0<br>4.159 All<br>0.07835 All<br>42040 All<br>42040 All<br>33.68 Degrees<br>33.68 Degrees |
| add @ fit @ Iter Step Deviance   1                                  | mmskin is used for cases py10k is used for person years # Name   | erm 1  ct term 1  Records used 420  Deviance 2272.7  Pearson Chi2 51133.7  1+ Gy doses  + 18 @  Estimate  MLE: 3.1823  |
| Minimum Maximum  2  | Minimum Maximum  0 0 0 0 0.00027962 0.0023178 0.0023178 0.017920 0.017920 0.017920 0.17871   |  |
| Count 1274 1274 1274 1274 1274 1274 1274 1274                       | Count<br>1274<br>2447<br>2447<br>2453<br>1869<br>1869<br>1869<br>1869<br>1869<br>1869<br>1869<br>1869  |  |
| Sum 35 71 42 144 110 110 110 110 110 110 110 110 110                | Sum<br>0.0227026<br>0.376533<br>0.362966<br>0.922286<br>1.66682<br>5.10418<br>11.6241  |  |
| tbdcat_s  tbdcat_s  tbdcat_s  7  7  7  7  7  7  7  7  7  7  7  7  7 | tbdcat_0<br>0 22<br>2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4  |  |

| ! Thyroid cancer models  |   |   |                                     |                                |  |
|--|---|---|-------------------------------------|--------------------------------|--|
| ויישיים  | sum subjects pyr thyroid  | thyroid %bk %ex                               | Ø                                   |                                |  |
| rribuse.<br>rribuse.<br>rribuses thoroid @   | Summa   | Summary for subjects                          |                                     |                                |  |
| cases cifyrold & pyr py10k @   | Sum<br>105427   | Sum Count<br>127 42040                        | Muminimum<br>O                      | Maximum<br>625                 |  |
| near dose  | Summa   | For pyr                                       |                                     |                                |  |
| line 1 thya02w10 @<br>log11 1 e30 lage70 inahs=0 @<br>loline 1 %con=1 msex @   | 2.76473e  | Sum Count<br>3e+06 42040                      | Minimum<br>0.00054000               | Maximum<br>2883.3              |  |
| fit sex:1 naga nic*hiro nic*naga inahs   | Summary   | for thyrc                                     |                                     |                                |  |
| sex*lage/U:z sex*lage/Usq sex*lage/Usp<br>sex*e30 sex*e30sq - %con<br>@  | <b>V</b> , <b>V</b>   | Sum Count<br>471 42040                        | Minimum<br>O                        | Maximum<br>3                   |  |
| Iter Step Deviance   | Summary   | ⁻y for %BK                                    |                                     |                                |  |
| 0 3268   | 407.8   | Sum Count843 42040                            | Minimum<br>1.3770e-08               | Maximum<br>0.47375             |  |
| 0000   | Summary   | ⁻y for %EX                                    |                                     |                                |  |
| \$ 0 3037.968<br>5 0 3037.968<br>6 0 3037.968  | Sum<br>63.1565  | Sum Count<br>565 42040                        | muminiM<br>O                        | Maximum<br>0.10644             |  |
| 7606 O   | sum subjects pyr  | subjects pyr thyroid %bk %ex k                | by sex @                            |                                |  |
| Precervise exponential regression Product additive excess model $\{ T0 * (1 + T1 + T2 +) \}$                                   | Summa   | Summary for subjects                          |                                     |                                |  |
| thyroid is used for cases<br>py10k is used for person years  | sex<br>1  | Sum Count<br>42902 19814                      | muminiM<br>0                        | Maximum<br>619<br>619          |  |
| Parameter Summary Table  |   | 5   | Þ                                   | 620                            |  |
| # Name Estimate Std.Err. Test Stat. P value  |   | lyd<br>lyd                                    |                                     |                                |  |
| -linear term 0 0.3380 0.2188 1.545   | sex Sum<br>1 1.04027e+06<br>2 1.72445e+06                         | Sum Count<br>+06 19814<br>:+06 22226          | Minimum<br>0.00054000<br>0.00059000 | Maximum<br>2704.6<br>2883.3    |  |
| 7.22   | Summa   | Summary for thyroid                           |                                     |                                |  |
| f nic * hiro0.590 0.1469 -2.942 0.0034<br>6 nic * naga0.590 0.3202 -1.842 0.0654<br>7 sex_1 * lage_70 2.711 1.163 2.332 0.0197 | sex<br>1<br>2   | Sum Count<br>90 19814<br>381 22226            | Minimum<br>O<br>O                   | Maximum<br>2<br>3<br>3         |  |
| 2.622   age/0  | Summary   | ∵y for %BK                                    |                                     |                                |  |
| sex_1  | sex 79.68   | Sum Count<br>6828 19814<br>3.161 22226        | Minimum<br>1.3770e-08<br>1.5565e-07 | Maximum<br>0.19567<br>0.47375  |  |
| sex_2 * e30  | Summa   | Summary for %EX                               |                                     |                                |  |
| ear term 1<br>thya02w10 0.5767 0.2636 2.188  | sex Sum<br>1 10.3172<br>2 52.8394                                 | Sum Count<br>172 19814<br>394 22226           | Muminim<br>0<br>0                   | Maximum<br>0.021514<br>0.10644 |  |
| Log-linear term 1 18 e30   | sum subjects pyr thyroid %bk<br>For sex = 1<br>Summary for subjec | %ex   | by sex tbdcat_t @                   |                                |  |
| Linear product term 1 1.000 Aliased 21 %CON  | tbdcat_t 10,  | Sum Count<br>191 1235<br>118 2348<br>561 3076 | мiм                                 | Maximum<br>619<br>437<br>300   |  |
| Records used 42040   |   |   |                                     | 112<br>112<br>63               |  |
| Deviance 3037.968<br>Pearson Chi2 33681.27 Degrees of freedom 42020  |   | 1057 1502<br>975 2320<br>399 1914             | 000                                 | 38<br>30<br>20                 |  |
|  |   |   |                                     |                                |  |

| Summary for thyroid | Sum<br>103<br>103<br>89<br>89<br>29<br>24<br>21<br>12<br>12 | Summary for %BK     | 117.143   1274 | Summaly 101 %EA | 0.155775 1274<br>3.59025 2451<br>3.8421 3.4622<br>3.8421 3.598 1.9224<br>11.0654 1645 1.7198<br>9.65366 1645 4.4667<br>13.3916 2361 3.9397 |                 |   |              |                      |  |                 |   |
|---------------------|---|---------------------|--|-----------------|--|-----------------|---|--------------|----------------------|--|-----------------|---|
| Summary for nyr     | Sum<br>   | Summary for thyroid | bdcat_t Sum Count Minimum Maximum Maximum 1235   | Summary for %BK | bdcat_t  | Summary for %EX | tbdcat_t Sum Count Minimum Maximum Maximum 0.0278411 2348 0 0.00040145 2 0.712214 3976 1.5026e-09 0.0039434 3050 5.5370e-08 0.0052926 4 1.84679 3469 7.0810e-09 0.0151514 1.61609 2320 5.2550e-08 0.016789 6 2.87436 25305 1914 1.2102e-07 0.020615 | or sex = $2$ | Summary for subjects | tbdcat_t Sum Count Minimum Maximum Maximum C21127 2451 0 625   21127 2451 0 418   21127 2451 0 380   3 3630 3598 0 53   4 4159 4086 0 78   5 11512 2361 0 39   7 485 2389 0 23 | Summary for pyr | tbdcat_t Sum Count Minimum Maximum 0.01550 2.883.3 2.55694. 2451 0.0025900 2.121.3 2.55694. 4422 0.0025900 2.121.3 3.9883.3 3.998 0.00066000 247.20 3.103438. 4086 0.0035100 393.57 5.40843.4 1.645 0.0062800 2.14.68 5.2361 0.0005100 87.184 |

|   | ļ | 5 |
|---|---|---|
| • | ٥ | 0 |

| Iter Step  | Deviance   |  |                                   |                                     |
|--|--|--|-----------------------------------|-------------------------------------|
| 011284207  | 3062.860<br>3043.953<br>3041.999<br>3041.989<br>3041.988<br>3041.987 |  |                                   |                                     |
| Piece-wise exponential regr<br>Additive model { T0 + T1 +  | l regression<br>T1 + T2 + }  |  |                                   |                                     |
| used for<br>used for                                       | rs   |  |                                   |                                     |
|  | Parameter Summary  | у Таblе  |                                   |                                     |
| # Name   | Estimate   | Std.Err.                                       | Test Stat.                        | P value                             |
| Log-linear term 0 1 sex_1 2 sex_2 3 saga.                  | i<br>!   | 0.2305<br>0.113<br>0.113                       | 1.518<br>8.255<br>-1.694          | 0.129<br>0.001<br>0.0002            |
| 5 nic * hiro   |  | 0.147<br>0.3236<br>0.3236                      | -3.033<br>-1.808                  | 0.00242<br>0.0706<br>0.0706         |
| / sex_1 % lage/U<br>8 sex_2 % lage70<br>9 sex 1 % lage70sg |  | 1.36/<br>0.6463<br>1.25                        | 1.984<br>2.466<br>0.695           | 0.04/3<br>0.0136<br>0.487           |
| 10 sex_2 * lage70sq  |  | 0.6894   | -0.3865                           | 790.0<br>0.0667                     |
| 1. sex " "age/osp<br>1. sex_1 = e30                        |  | 0.38<br>0.106<br>0.05293<br>0.04416<br>0.02056 | 1.708<br>0.7583<br>1.179<br>4.529 | 0.0877<br>0.448<br>0.238<br>< 0.001 |
| Linear term 1<br>17 thya02w10                              | . 1.232  | 0.5061   | 2.434                             | 0.0149                              |
| Log-linear term 1<br>18 e30.<br>19 lage70.<br>20 inahs.    | 0.5903<br>. 0.5921<br>. 0.000  | 0.2385<br>0.6191<br>Fixed                      | -2.475<br>0.9565<br>1.276         | 0.0133<br>0.339<br>0.202            |
| Linear product term 1<br>21 %CON                           | 0.5699   | Aliased<br>0.1649                              | 3.456                             | < 0.001                             |
| Records used   | 42040  |  |                                   |                                     |
| Deviance<br>Pearson Chi2                                   | 3041.987<br>34650.86 De  | Degrees of fre                                 | freedom 42020                     |                                     |

3/28/2007