

**Dose-response relationship of lung cancer to amount smoked,  
duration and age starting**

John S Fry, Peter N Lee, Barbara A Forey, Katharine J Coombs

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*Additional file 6 - Fit Age Start*

This file contains the results of the detailed analyses for age at starting to smoke based on

- (i) the linear model and
- (ii) the best-fitting power model

For each model, the output consists of two tables, numbered H6-1 and H6-2 for linear model and H6a-1 and H6a-2 for the power model. "H6" refers back to the numbering scheme used in our earlier review [1]. The -1 table gives the "estimation details" (as explained below) while the -2 table gives the "summary of results", which are self-explanatory.

Table -1 contains the following results by block and by dose level block.

**70 - Mean Age Start:** The midpoint of the level of age at starting to smoke. This is shown for the linear model; in the power model, the transformed value of (70 - mean age start) is shown instead.

**RR, RRL, RRU:** The observed values of the relative risk and its 95% confidence interval

**Estimate RR:** The fitted value of the relative risk. Its 95% confidence interval is also shown, but not headed.

**CA1 Est:** The pseudo-number of cases corresponding to the observed relative risk for the positive levels of age at starting to smoke.

**CAO Est:** The pseudo-number of cases corresponding to the observed relative risk for never smokers.

**CO1 Est:** The pseudo-number of controls (or at risk) corresponding to the observed relative risk for the positive levels of age at starting to smoke.

**CO0 Est:** The pseudo-number of controls (or at risk) corresponding the observed relative risk for never smokers.

**CA1 Pred, CA0 Pred, CO1 Pred, CO0 Pred:** The corresponding fitted pseudo-numbers. Note that CO1 Pred and CO0 Pred are now shown for prospective studies as they are the same as CO1 Est and CO0 Est.

**Beta:** The fitted beta value.

**St.Err. Beta:** The standard error of the fitted beta value.

**Beta WgtS:** The inverse-variance weight.

**ChiSq for Fit:** The chisquared statistic as described in Additional File 1.

**DF:** The degrees of freedom corresponding to the chisquared statistic.

**Prob (ChiSq):** The probability value corresponding to the chisquared statistic.

On the final page of the -2 tables the summary goodness-of-fit results are shown.

Table H6-1  
Lung cancer risk in Current smokers by Age Start Smoking (yrs) (linear model): estimation details

All RRs are relative to never smokers

|                      |                                 |                     |                  |                      |                 |                     |                |                |
|----------------------|---------------------------------|---------------------|------------------|----------------------|-----------------|---------------------|----------------|----------------|
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b> | <b>CO0 Est</b> |
| 1:CEDERL             | 47.5537                         | 6.5000              | 2.5200           | 16.7400              | 12.0474         | 6.6217              | 1879.2563      | 6713.9198      |
| 1:CEDERL             | 52.4776                         | 9.8000              | 3.7400           | 25.6900              | 10.9072         | 6.6217              | 1128.4794      | 6713.9198      |
| 1:CEDERL             | 56.1734                         | 6.4000              | 2.2500           | 18.2100              | 7.4329          | 6.6217              | 1177.5649      | 6713.9198      |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     |                |                |
| 1:CEDERL             | 47.5537                         | 6.2432              | 2.9000           | 13.4405              | 11.6695         | 6.6779              |                |                |
| 1:CEDERL             | 52.4776                         | 7.5468              | 3.2379           | 17.5897              | 8.4707          | 6.6779              |                |                |
| 1:CEDERL             | 56.1734                         | 8.7012              | 3.5173           | 21.5256              | 10.1912         | 6.6779              |                |                |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                |                |
| 1:CEDERL             | 0.0385                          | 0.0082              | 14775.0545       | 1.4601               | 2               | 0.4819              |                |                |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b> | <b>CO0 Est</b> |
| 2:CEDERL             | 45.6799                         | 1.9896              | 0.7953           | 4.9774               | 6.0000          | 19.0000             | 2806.0000      | 17679.0000     |
| 2:CEDERL             | 52.4367                         | 1.8443              | 0.4302           | 7.9071               | 2.0000          | 19.0000             | 1009.0000      | 17679.0000     |
| 2:CEDERL             | 55.6863                         | 0.6073              | 0.0367           | 10.0479              | 0.0000          | 19.0000             | 746.0000       | 17679.0000     |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     |                |                |
| 2:CEDERL             | 45.6799                         | 1.8944              | 0.8565           | 4.1897               | 5.7190          | 19.0207             |                |                |
| 2:CEDERL             | 52.4367                         | 2.0821              | 0.8371           | 5.1787               | 2.2603          | 19.0207             |                |                |
| 2:CEDERL             | 55.6863                         | 2.1789              | 0.8280           | 5.7343               |                 |                     |                |                |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                |                |
| 2:CEDERL             | 0.0140                          | 0.0089              | 12723.1792       | 0.0438               | 1               | 0.8342              |                |                |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b> | <b>CO0 Est</b> |
| 3:CPSI               | 41.5270                         | 3.4300              | 1.6500           | 7.1100               | 11.1169         | 20.4372             | 52760.6005     | 332692.3626    |
| 3:CPSI               | 48.7114                         | 7.1400              | 4.3800           | 11.6500              | 74.8569         | 20.4372             | 170668.9034    | 332692.3626    |
| 3:CPSI               | 53.2605                         | 9.7100              | 6.2100           | 15.2000              | 310.5022        | 20.4372             | 520554.7299    | 332692.3626    |
| 3:CPSI               | 58.0162                         | 15.0000             | 9.2300           | 24.3900              | 79.7820         | 20.4372             | 86583.4126     | 332692.3626    |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     |                |                |
| 3:CPSI               | 41.5270                         | 6.7887              | 4.8703           | 9.4629               | 18.4675         | 17.1535             |                |                |
| 3:CPSI               | 48.7114                         | 9.4557              | 6.4048           | 13.9599              | 83.2066         | 17.1535             |                |                |
| 3:CPSI               | 53.2605                         | 11.6631             | 7.6177           | 17.8566              | 313.0319        | 17.1535             |                |                |
| 3:CPSI               | 58.0162                         | 14.5234             | 9.1320           | 23.0980              | 64.8357         | 17.1535             |                |                |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                |                |
| 3:CPSI               | 0.0461                          | 0.0041              | 60062.7436       | 7.8583               | 3               | 0.0490              |                |                |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b> | <b>CO0 Est</b> |
| 4:CPSI               | 39.1000                         | 5.2100              | 3.2200           | 8.4200               | 29.1885         | 38.6490             | 376333.8089    | 2596199.0753   |
| 4:CPSI               | 49.0000                         | 12.0000             | 8.4100           | 17.1300              | 141.5470        | 38.6490             | 792352.7707    | 2596199.0753   |
| 4:CPSI               | 53.4385                         | 16.3200             | 11.7900          | 22.5800              | 622.2067        | 38.6490             | 2561024.5380   | 2596199.0753   |

Table H6-1  
Lung cancer risk in Current smokers by Age Start Smoking (yrs) (linear model): estimation details

All RRs are relative to never smokers

| Block : Study | 70.0000 - Mean Age Start | RR           | RRL         | RRU           | CA1 Est  | CA0 Est      | CO1 Est      | CO0 Est      |
|---------------|--------------------------|--------------|-------------|---------------|----------|--------------|--------------|--------------|
| 4:CPSI        | 58.4104                  | 18.1600      | 12.6000     | 26.1600       | 112.8589 | 38.6490      | 417464.0287  | 2596199.0753 |
| Block : Study | 70.0000 - Mean Age Start | Estimate RR  | -           | -             | CA1 Pred | CA0 Pred     |              |              |
| 4:CPSI        | 39.1000                  | 7.7660       | 6.1955      | 9.7345        | 41.2250  | 36.6208      |              |              |
| 4:CPSI        | 49.0000                  | 13.0495      | 9.8318      | 17.3203       | 145.8484 | 36.6208      |              |              |
| 4:CPSI        | 53.4385                  | 16.4682      | 12.0933     | 22.4256       | 594.9068 | 36.6208      |              |              |
| 4:CPSI        | 58.4104                  | 21.3718      | 15.2498     | 29.9514       | 125.8492 | 36.6208      |              |              |
| Block : Study | Beta                     | St.Err. Beta | Beta WgtS   | ChiSq for Fit | DF       | Prob (ChiSq) |              |              |
| 4:CPSI        | 0.0524                   | 0.0029       | 115062.7654 | 6.3472        | 3        | 0.0959       |              |              |
| Block : Study | 70.0000 - Mean Age Start | RR           | RRL         | RRU           | CA1 Est  | CA0 Est      | CO1 Est      | CO0 Est      |
| 5:CPSI        | 35.0000                  | 1.7100       | 0.5100      | 5.7500        | 3.0994   | 16.8606      | 63260.8737   | 588468.1546  |
| 5:CPSI        | 48.9286                  | 8.6600       | 4.1700      | 17.9600       | 12.5820  | 16.8606      | 50708.6009   | 588468.1546  |
| 5:CPSI        | 53.3919                  | 16.6000      | 9.8900      | 27.8700       | 94.7877  | 16.8606      | 199294.1801  | 588468.1546  |
| 5:CPSI        | 58.8143                  | 14.0300      | 7.3200      | 26.8800       | 19.6745  | 16.8606      | 48943.7232   | 588468.1546  |
| Block : Study | 70.0000 - Mean Age Start | Estimate RR  | -           | -             | CA1 Pred | CA0 Pred     |              |              |
| 5:CPSI        | 35.0000                  | 6.0016       | 4.3331      | 8.3125        | 9.8775   | 15.3098      |              |              |
| 5:CPSI        | 48.9286                  | 12.2457      | 7.7665      | 19.3084       | 16.1552  | 15.3098      |              |              |
| 5:CPSI        | 53.3919                  | 15.3898      | 9.3634      | 25.2949       | 79.7944  | 15.3098      |              |              |
| 5:CPSI        | 58.8143                  | 20.3145      | 11.7514     | 35.1174       | 25.8671  | 15.3098      |              |              |
| Block : Study | Beta                     | St.Err. Beta | Beta WgtS   | ChiSq for Fit | DF       | Prob (ChiSq) |              |              |
| 5:CPSI        | 0.0512                   | 0.0047       | 44353.4031  | 9.8984        | 3        | 0.0195       |              |              |
| Block : Study | 70.0000 - Mean Age Start | RR           | RRL         | RRU           | CA1 Est  | CA0 Est      | CO1 Est      | CO0 Est      |
| 6:CPSI        | 38.4884                  | 1.5000       | 0.7800      | 2.9000        | 11.0692  | 45.6948      | 1907758.6566 | 11813133.163 |
| 6:CPSI        | 48.7447                  | 4.0000       | 2.4400      | 6.5600        | 23.9400  | 45.6948      | 1547257.8743 | 11813133.163 |
| 6:CPSI        | 53.1240                  | 5.0000       | 3.2900      | 7.5900        | 42.3838  | 45.6948      | 2191432.5587 | 11813133.163 |
| 6:CPSI        | 57.2949                  | 9.0000       | 3.8400      | 21.1000       | 5.9865   | 45.6948      | 171959.7820  | 11813133.163 |
| Block : Study | 70.0000 - Mean Age Start | Estimate RR  | -           | -             | CA1 Pred | CA0 Pred     |              |              |
| 6:CPSI        | 38.4884                  | 3.1811       | 2.4226      | 4.1772        | 21.5380  | 41.9245      |              |              |
| 6:CPSI        | 48.7447                  | 4.3302       | 3.0667      | 6.1142        | 23.7777  | 41.9245      |              |              |
| 6:CPSI        | 53.1240                  | 4.9396       | 3.3915      | 7.1942        | 38.4168  | 41.9245      |              |              |
| 6:CPSI        | 57.2949                  | 5.5996       | 3.7328      | 8.3998        | 3.4173   | 41.9245      |              |              |

Table H6-1  
Lung cancer risk in Current smokers by Age Start Smoking (yrs) (linear model): estimation details

All RRs are relative to never smokers

| Block : Study        | Beta                            | St.Err. Beta        | Beta WgtS          | ChiSq for Fit        | DF         | Prob (ChiSq)        |                 |                 |                 |
|----------------------|---------------------------------|---------------------|--------------------|----------------------|------------|---------------------|-----------------|-----------------|-----------------|
| 6:CPSI               | 0.0301                          | 0.0036              | 76688.2751         | 7.7698               | 3          | 0.0510              |                 |                 |                 |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>RR</b>          | <b>RRL</b>           | <b>RRU</b> | <b>CA1 Est</b>      | <b>CA0 Est</b>  | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 7:CPSI               | 36.7109                         |                     | 2.6200             | 1.8300               | 3.7400     | 337.5135            | 33.0023         | 327751.3748     | 83964.9864      |
| 7:CPSI               | 49.0510                         |                     | 3.2300             | 1.7000               | 6.1600     | 12.8733             | 33.0023         | 10140.0605      | 83964.9864      |
| 7:CPSI               | 53.9829                         |                     | 2.5900             | 1.3100               | 5.0900     | 11.1499             | 33.0023         | 10952.7864      | 83964.9864      |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>Estimate RR</b> | <b>-</b>             | <b>-</b>   | <b>CA1 Pred</b>     | <b>CA0 Pred</b> |                 |                 |
| 7:CPSI               | 36.7109                         |                     | 2.3857             | 1.7173               | 3.3141     | 329.0197            | 35.3320         |                 |                 |
| 7:CPSI               | 49.0510                         |                     | 3.1955             | 2.0596               | 4.9578     | 13.6348             | 35.3320         |                 |                 |
| 7:CPSI               | 53.9829                         |                     | 3.5914             | 2.2148               | 5.8236     | 16.5524             | 35.3320         |                 |                 |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b>   | <b>ChiSq for Fit</b> | <b>DF</b>  | <b>Prob (ChiSq)</b> |                 |                 |                 |
| 7:CPSI               | 0.0237                          | 0.0046              | 47913.2062         | 2.1788               | 2          | 0.3364              |                 |                 |                 |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>RR</b>          | <b>RRL</b>           | <b>RRU</b> | <b>CA1 Est</b>      | <b>CA0 Est</b>  | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 8:DEAN3              | 40.0500                         |                     | 6.8000             | 3.6744               | 12.5843    | 24.0000             | 24.0000         | 75.0000         | 510.0000        |
| 8:DEAN3              | 48.8148                         |                     | 6.8634             | 4.1005               | 11.4879    | 52.0000             | 24.0000         | 161.0000        | 510.0000        |
| 8:DEAN3              | 53.3267                         |                     | 7.0103             | 4.4848               | 10.9579    | 160.0000            | 24.0000         | 485.0000        | 510.0000        |
| 8:DEAN3              | 58.2703                         |                     | 5.6667             | 3.3440               | 9.6026     | 44.0000             | 24.0000         | 165.0000        | 510.0000        |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>Estimate RR</b> | <b>-</b>             | <b>-</b>   | <b>CA1 Pred</b>     | <b>CA0 Pred</b> | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 8:DEAN3              | 40.0500                         |                     | 3.7817             | 2.7511               | 5.1984     | 16.8989             | 27.5643         | 82.1011         | 506.4357        |
| 8:DEAN3              | 48.8148                         |                     | 5.0595             | 3.4331               | 7.4565     | 45.9911             | 27.5643         | 167.0089        | 506.4357        |
| 8:DEAN3              | 53.3267                         |                     | 5.8775             | 3.8477               | 8.9780     | 156.3267            | 27.5643         | 488.6733        | 506.4357        |
| 8:DEAN3              | 58.2703                         |                     | 6.9263             | 4.3597               | 11.0039    | 57.2189             | 27.5643         | 151.7811        | 506.4357        |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b>   | <b>ChiSq for Fit</b> | <b>DF</b>  | <b>Prob (ChiSq)</b> |                 |                 |                 |
| 8:DEAN3              | 0.0332                          | 0.0041              | 60867.1122         | 9.4045               | 7          | 0.2249              |                 |                 |                 |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>RR</b>          | <b>RRL</b>           | <b>RRU</b> | <b>CA1 Est</b>      | <b>CA0 Est</b>  | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 9:DEAN3              | 37.8078                         |                     | 3.6965             | 2.2365               | 6.1096     | 27.0000             | 41.0000         | 274.0000        | 1538.0000       |
| 9:DEAN3              | 48.8521                         |                     | 2.9486             | 1.6653               | 5.2206     | 18.0000             | 41.0000         | 229.0000        | 1538.0000       |
| 9:DEAN3              | 53.0490                         |                     | 2.9027             | 1.8512               | 4.5514     | 39.0000             | 41.0000         | 504.0000        | 1538.0000       |
| 9:DEAN3              | 57.5543                         |                     | 2.4090             | 1.0560               | 5.4958     | 7.0000              | 41.0000         | 109.0000        | 1538.0000       |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>Estimate RR</b> | <b>-</b>             | <b>-</b>   | <b>CA1 Pred</b>     | <b>CA0 Pred</b> | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 9:DEAN3              | 37.8078                         |                     | 2.2006             | 1.6518               | 2.9316     | 17.6676             | 43.5103         | 283.3324        | 1535.4897       |
| 9:DEAN3              | 48.8521                         |                     | 2.7707             | 1.9127               | 4.0137     | 17.9809             | 43.5103         | 229.0191        | 1535.4897       |
| 9:DEAN3              | 53.0490                         |                     | 3.0243             | 2.0223               | 4.5227     | 42.8603             | 43.5103         | 500.1397        | 1535.4897       |
| 9:DEAN3              | 57.5543                         |                     | 3.3223             | 2.1469               | 5.1412     | 9.9808              | 43.5103         | 106.0192        | 1535.4897       |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b>   | <b>ChiSq for Fit</b> | <b>DF</b>  | <b>Prob (ChiSq)</b> |                 |                 |                 |
| 9:DEAN3              | 0.0209                          | 0.0039              | 66749.1569         | 6.7375               | 7          | 0.4567              |                 |                 |                 |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>RR</b>          | <b>RRL</b>           | <b>RRU</b> | <b>CA1 Est</b>      | <b>CA0 Est</b>  | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 10:DORN              | 39.1176                         |                     | 5.1806             | 3.0473               | 8.8073     | 30.0000             | 25.0000         | 49537.0000      | 213858.0000     |
| 10:DORN              | 48.7708                         |                     | 11.0555            | 7.2120               | 16.9474    | 133.0000            | 25.0000         | 102910.0000     | 213858.0000     |

Table H6-1  
Lung cancer risk in Current smokers by Age Start Smoking (yrs) (linear model): estimation details

All RRs are relative to never smokers

| Block : Study | 70.0000 - Mean Age Start | RR           | RRL         | RRU           | CA1 Est  | CA0 Est      | CO1 Est     | CO0 Est     |
|---------------|--------------------------|--------------|-------------|---------------|----------|--------------|-------------|-------------|
| 10:DORN       | 53.5722                  | 16.2539      | 10.8050     | 24.4506       | 293.0000 | 25.0000      | 154204.0000 | 213858.0000 |
| 10:DORN       | 58.3678                  | 23.4191      | 14.8363     | 36.9670       | 70.0000  | 25.0000      | 25569.0000  | 213858.0000 |
| Block : Study | 70.0000 - Mean Age Start | Estimate RR  | -           | -             | CA1 Pred | CA0 Pred     |             |             |
| 10:DORN       | 39.1176                  | 8.5645       | 6.4720      | 11.3335       | 41.1128  | 20.7240      |             |             |
| 10:DORN       | 48.7708                  | 14.5501      | 10.2608     | 20.6325       | 145.1011 | 20.7240      |             |             |
| 10:DORN       | 53.5722                  | 18.9386      | 12.9041     | 27.7950       | 283.0028 | 20.7240      |             |             |
| 10:DORN       | 58.3678                  | 24.6429      | 16.2239     | 37.4305       | 61.0594  | 20.7240      |             |             |
| Block : Study | Beta                     | St.Err. Beta | Beta WgtS   | ChiSq for Fit | DF       | Prob (ChiSq) |             |             |
| 10:DORN       | 0.0549                   | 0.0037       | 74904.5221  | 6.5575        | 3        | 0.0874       |             |             |
| Block : Study | 70.0000 - Mean Age Start | RR           | RRL         | RRU           | CA1 Est  | CA0 Est      | CO1 Est     | CO0 Est     |
| 11:DORN       | 37.3750                  | 4.9526       | 3.4383      | 7.1337        | 70.0000  | 49.0000      | 49386.0000  | 171211.0000 |
| 11:DORN       | 49.3061                  | 7.9434       | 5.7347      | 11.0027       | 138.0000 | 49.0000      | 60703.0000  | 171211.0000 |
| 11:DORN       | 53.1917                  | 11.3061      | 8.3322      | 15.3415       | 259.0000 | 49.0000      | 80043.0000  | 171211.0000 |
| 11:DORN       | 58.6322                  | 14.1806      | 9.7906      | 20.5390       | 65.0000  | 49.0000      | 16016.0000  | 171211.0000 |
| Block : Study | 70.0000 - Mean Age Start | Estimate RR  | -           | -             | CA1 Pred | CA0 Pred     |             |             |
| 11:DORN       | 37.3750                  | 5.4683       | 4.4771      | 6.6791        | 73.2947  | 46.4671      |             |             |
| 11:DORN       | 49.3061                  | 9.4058       | 7.2245      | 12.2458       | 154.9608 | 46.4671      |             |             |
| 11:DORN       | 53.1917                  | 11.2229      | 8.4428      | 14.9186       | 243.8060 | 46.4671      |             |             |
| 11:DORN       | 58.6322                  | 14.3718      | 10.5014     | 19.6688       | 62.4714  | 46.4671      |             |             |
| Block : Study | Beta                     | St.Err. Beta | Beta WgtS   | ChiSq for Fit | DF       | Prob (ChiSq) |             |             |
| 11:DORN       | 0.0455                   | 0.0027       | 134148.2894 | 3.1918        | 3        | 0.3630       |             |             |
| Block : Study | 70.0000 - Mean Age Start | RR           | RRL         | RRU           | CA1 Est  | CA0 Est      | CO1 Est     | CO0 Est     |
| 12:ENGELA     | 34.9024                  | 3.7871       | 2.0650      | 6.9452        | 17.0000  | 27.0000      | 9762.0000   | 58716.0000  |
| 12:ENGELA     | 47.7742                  | 3.6010       | 2.2554      | 5.7494        | 50.0000  | 27.0000      | 30195.0000  | 58716.0000  |
| 12:ENGELA     | 54.9170                  | 7.4158       | 4.9442      | 11.1228       | 173.0000 | 27.0000      | 50732.0000  | 58716.0000  |
| Block : Study | 70.0000 - Mean Age Start | Estimate RR  | -           | -             | CA1 Pred | CA0 Pred     |             |             |
| 12:ENGELA     | 34.9024                  | 3.5136       | 2.7279      | 4.5255        | 14.5809  | 24.9603      |             |             |
| 12:ENGELA     | 47.7742                  | 5.5850       | 3.9498      | 7.8972        | 71.6885  | 24.9603      |             |             |
| 12:ENGELA     | 54.9170                  | 7.2229       | 4.8502      | 10.7561       | 155.7704 | 24.9603      |             |             |
| Block : Study | Beta                     | St.Err. Beta | Beta WgtS   | ChiSq for Fit | DF       | Prob (ChiSq) |             |             |
| 12:ENGELA     | 0.0360                   | 0.0037       | 73058.7412  | 9.0354        | 2        | 0.0109       |             |             |

Table H6-1  
Lung cancer risk in Current smokers by Age Start Smoking (yrs) (linear model): estimation details

All RRs are relative to never smokers

|                      |                                 |                     |                  |                      |                 |                     |                 |                 |
|----------------------|---------------------------------|---------------------|------------------|----------------------|-----------------|---------------------|-----------------|-----------------|
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 13:ENGELA            | 34.1957                         | 2.7292              | 1.3382           | 5.5659               | 10.0000         | 31.0000             | 24560.0000      | 207789.0000     |
| 13:ENGELA            | 47.3666                         | 8.1508              | 5.0432           | 13.1733              | 36.0000         | 31.0000             | 29605.0000      | 207789.0000     |
| 13:ENGELA            | 54.1969                         | 11.2896             | 6.3180           | 20.1732              | 18.0000         | 31.0000             | 10687.0000      | 207789.0000     |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     |                 |                 |
| 13:ENGELA            | 34.1957                         | 4.5395              | 3.3555           | 6.1412               | 15.6337         | 29.1373             |                 |                 |
| 13:ENGELA            | 47.3666                         | 8.1294              | 5.3489           | 12.3553              | 33.7484         | 29.1373             |                 |                 |
| 13:ENGELA            | 54.1969                         | 10.9975             | 6.8121           | 17.7542              | 16.4807         | 29.1373             |                 |                 |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 13:ENGELA            | 0.0442                          | 0.0045              | 49188.9646       | 2.4395               | 2               | 0.2953              |                 |                 |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 14:GAO2              | 34.0577                         | 2.1538              | 0.3555           | 13.0488              | 2.0000          | 13.0000             | 4.0000          | 56.0000         |
| 14:GAO2              | 47.8289                         | 6.4362              | 3.3167           | 12.4898              | 127.0000        | 13.0000             | 85.0000         | 56.0000         |
| 14:GAO2              | 54.8880                         | 8.6154              | 4.0077           | 18.5204              | 52.0000         | 13.0000             | 26.0000         | 56.0000         |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 14:GAO2              | 34.0577                         | 3.8212              | 2.4664           | 5.9200               | 2.7834          | 12.7401             | 3.2166          | 56.2599         |
| 14:GAO2              | 47.8289                         | 6.5706              | 3.5530           | 12.1510              | 126.7880        | 12.7401             | 85.2120         | 56.2599         |
| 14:GAO2              | 54.8880                         | 8.6751              | 4.2841           | 17.5667              | 51.6885         | 12.7401             | 26.3115         | 56.2599         |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 14:GAO2              | 0.0394                          | 0.0066              | 23249.5690       | 0.4242               | 5               | 0.9946              |                 |                 |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 15:HIRAYA            | 45.9808                         | 4.3500              | 3.5100           | 5.3900               | 1391.0844       | 88.8497             | 9840927.2236    | 2734185.0119    |
| 15:HIRAYA            | 55.1049                         | 5.7100              | 4.5000           | 7.2500               | 281.7830        | 88.8497             | 1518624.9392    | 2734185.0119    |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     |                 |                 |
| 15:HIRAYA            | 45.9808                         | 4.2976              | 3.5303           | 5.2315               | 1386.3659       | 89.6288             |                 |                 |
| 15:HIRAYA            | 55.1049                         | 5.7395              | 4.5344           | 7.2649               | 285.7225        | 89.6288             |                 |                 |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 15:HIRAYA            | 0.0317                          | 0.0022              | 210016.8172      | 0.0771               | 1               | 0.7812              |                 |                 |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 16:HIRAYA            | 42.6030                         | 2.4600              | 1.9300           | 3.1300               | 84.6262         | 293.7825            | 188036.9244     | 1605828.3436    |
| 16:HIRAYA            | 54.1336                         | 0.7800              | 0.1000           | 6.1000               | 0.9120          | 293.7825            | 6390.7226       | 1605828.3436    |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     |                 |                 |
| 16:HIRAYA            | 42.6030                         | 2.4116              | 1.8971           | 3.0656               | 82.7424         | 293.0096            |                 |                 |
| 16:HIRAYA            | 54.1336                         | 3.0604              | 2.2561           | 4.1513               | 3.5687          | 293.0096            |                 |                 |



Table H6-1  
Lung cancer risk in Current smokers by Age Start Smoking (yrs) (linear model): estimation details

All RRs are relative to never smokers

| Block : Study        | Beta                            | St.Err. Beta        | Beta WgtS          | ChiSq for Fit        | DF         | Prob (ChiSq)        |                 |                 |                 |  |
|----------------------|---------------------------------|---------------------|--------------------|----------------------|------------|---------------------|-----------------|-----------------|-----------------|--|
| 16:HIRAYA            | 0.0207                          | 0.0029              | 121104.5461        | 2.0227               | 1          | 0.1550              |                 |                 |                 |  |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>RR</b>          | <b>RRL</b>           | <b>RRU</b> | <b>CA1 Est</b>      | <b>CA0 Est</b>  | <b>CO1 Est</b>  | <b>CO0 Est</b>  |  |
| 17:LIAW              | 37.9742                         |                     | 1.5000             | 0.7000               | 3.3000     | 8.6894              | 23.4751         | 1033.3970       | 4187.6801       |  |
| 17:LIAW              | 48.0617                         |                     | 5.9000             | 3.0000               | 11.3000    | 13.4107             | 23.4751         | 405.4771        | 4187.6801       |  |
| 17:LIAW              | 54.2974                         |                     | 4.6000             | 2.6000               | 8.1000     | 23.3751             | 23.4751         | 906.4881        | 4187.6801       |  |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>Estimate RR</b> | <b>-</b>             | <b>-</b>   | <b>CA1 Pred</b>     | <b>CA0 Pred</b> |                 |                 |  |
| 17:LIAW              | 37.9742                         |                     | 3.0774             | 2.1207               | 4.4659     | 16.1558             | 21.2737         |                 |                 |  |
| 17:LIAW              | 48.0617                         |                     | 4.1483             | 2.5894               | 6.6459     | 8.5450              | 21.2737         |                 |                 |  |
| 17:LIAW              | 54.2974                         |                     | 4.9893             | 2.9296               | 8.4972     | 22.9758             | 21.2737         |                 |                 |  |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b>   | <b>ChiSq for Fit</b> | <b>DF</b>  | <b>Prob (ChiSq)</b> |                 |                 |                 |  |
| 17:LIAW              | 0.0296                          | 0.0050              | 39951.2859         | 6.4560               | 2          | 0.0396              |                 |                 |                 |  |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>RR</b>          | <b>RRL</b>           | <b>RRU</b> | <b>CA1 Est</b>      | <b>CA0 Est</b>  | <b>CO1 Est</b>  | <b>CO0 Est</b>  |  |
| 18:MATOS             | 46.5101                         |                     | 5.3000             | 2.3000               | 12.5000    | 18.3004             | 10.6697         | 34.7160         | 107.2745        |  |
| 18:MATOS             | 53.3615                         |                     | 8.6000             | 4.1000               | 18.2000    | 44.6841             | 10.6697         | 52.2396         | 107.2745        |  |
| 18:MATOS             | 58.0391                         |                     | 11.3000            | 5.3000               | 24.3000    | 44.3751             | 10.6697         | 39.4827         | 107.2745        |  |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>Estimate RR</b> | <b>-</b>             | <b>-</b>   | <b>CA1 Pred</b>     | <b>CA0 Pred</b> | <b>CO1 Pred</b> | <b>CO0 Pred</b> |  |
| 18:MATOS             | 46.5101                         |                     | 6.7706             | 3.7982               | 12.0691    | 20.7191             | 10.2080         | 32.2972         | 107.7362        |  |
| 18:MATOS             | 53.3615                         |                     | 8.9740             | 4.6233               | 17.4187    | 44.5407             | 10.2080         | 52.3830         | 107.7362        |  |
| 18:MATOS             | 58.0391                         |                     | 10.8774            | 5.2874               | 22.3770    | 42.5614             | 10.2080         | 41.2964         | 107.7362        |  |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b>   | <b>ChiSq for Fit</b> | <b>DF</b>  | <b>Prob (ChiSq)</b> |                 |                 |                 |  |
| 18:MATOS             | 0.0411                          | 0.0063              | 24869.1539         | 0.6442               | 5          | 0.9859              |                 |                 |                 |  |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>RR</b>          | <b>RRL</b>           | <b>RRU</b> | <b>CA1 Est</b>      | <b>CA0 Est</b>  | <b>CO1 Est</b>  | <b>CO0 Est</b>  |  |
| 19:MIGRAN            | 46.2857                         |                     | 7.7874             | 2.7151               | 22.3358    | 24.0000             | 4.0000          | 668.0000        | 867.0000        |  |
| 19:MIGRAN            | 52.8100                         |                     | 6.9313             | 2.5259               | 19.0198    | 59.0000             | 4.0000          | 1845.0000       | 867.0000        |  |
| 19:MIGRAN            | 57.4035                         |                     | 10.0254            | 3.6351               | 27.6500    | 50.0000             | 4.0000          | 1081.0000       | 867.0000        |  |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>Estimate RR</b> | <b>-</b>             | <b>-</b>   | <b>CA1 Pred</b>     | <b>CA0 Pred</b> |                 |                 |  |
| 19:MIGRAN            | 46.2857                         |                     | 5.6269             | 2.5583               | 12.3760    | 19.0153             | 4.3861          |                 |                 |  |
| 19:MIGRAN            | 52.8100                         |                     | 7.1783             | 2.9205               | 17.6436    | 67.0006             | 4.3861          |                 |                 |  |
| 19:MIGRAN            | 57.4035                         |                     | 8.5208             | 3.2059               | 22.6474    | 46.5979             | 4.3861          |                 |                 |  |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b>   | <b>ChiSq for Fit</b> | <b>DF</b>  | <b>Prob (ChiSq)</b> |                 |                 |                 |  |
| 19:MIGRAN            | 0.0373                          | 0.0087              | 13247.2698         | 2.5444               | 2          | 0.2802              |                 |                 |                 |  |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>RR</b>          | <b>RRL</b>           | <b>RRU</b> | <b>CA1 Est</b>      | <b>CA0 Est</b>  | <b>CO1 Est</b>  | <b>CO0 Est</b>  |  |
| 20:MIGRAN            | 43.8333                         |                     | 7.9760             | 2.5441               | 25.0055    | 11.0000             | 4.0000          | 1315.0000       | 3814.0000       |  |
| 20:MIGRAN            | 52.6930                         |                     | 8.2913             | 2.5585               | 26.8695    | 9.0000              | 4.0000          | 1035.0000       | 3814.0000       |  |
| 20:MIGRAN            | 57.0599                         |                     | 7.1692             | 1.3191               | 38.9629    | 2.0000              | 4.0000          | 266.0000        | 3814.0000       |  |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> |                     | <b>Estimate RR</b> | <b>-</b>             | <b>-</b>   | <b>CA1 Pred</b>     | <b>CA0 Pred</b> |                 |                 |  |
| 20:MIGRAN            | 43.8333                         |                     | 5.7787             | 2.2857               | 14.6098    | 8.7620              | 4.3977          |                 |                 |  |
| 20:MIGRAN            | 52.6930                         |                     | 8.2379             | 2.7014               | 25.1214    | 9.8311              | 4.3977          |                 |                 |  |
| 20:MIGRAN            | 57.0599                         |                     | 9.8110             | 2.9333               | 32.8150    | 3.0091              | 4.3977          |                 |                 |  |

Table H6-1  
Lung cancer risk in Current smokers by Age Start Smoking (yrs) (linear model): estimation details

All RRs are relative to never smokers

|                                   |                                 |                               |                               |                                |                |                               |                 |                 |                 |
|-----------------------------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------|----------------|-------------------------------|-----------------|-----------------|-----------------|
| <b>Block : Study</b><br>20:MIGRAN | <b>Beta</b><br>0.0400           | <b>St.Err. Beta</b><br>0.0108 | <b>Beta WgtS</b><br>8579.9111 | <b>ChiSq for Fit</b><br>1.0163 | <b>DF</b><br>2 | <b>Prob (ChiSq)</b><br>0.6016 |                 |                 |                 |
| <b>Block : Study</b>              | <b>70.0000 - Mean Age Start</b> |                               | <b>RR</b>                     | <b>RRL</b>                     | <b>RRU</b>     | <b>CA1 Est</b>                | <b>CA0 Est</b>  | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 21:MRFITR                         | 42.2556                         |                               | 23.9054                       | 1.2367                         | 462.0860       | 1.8806                        | 0.5695          | 264.4225        | 1914.2548       |
| 21:MRFITR                         | 47.6538                         |                               | 60.0584                       | 3.3902                         | 1063.9434      | 2.4836                        | 0.5695          | 138.9971        | 1914.2548       |
| 21:MRFITR                         | 49.6042                         |                               | 27.0932                       | 1.5490                         | 473.8927       | 2.6350                        | 0.5695          | 326.9020        | 1914.2548       |
| 21:MRFITR                         | 51.6947                         |                               | 50.5380                       | 3.0790                         | 829.5130       | 3.4833                        | 0.5695          | 231.6698        | 1914.2548       |
| 21:MRFITR                         | 53.5462                         |                               | 67.1659                       | 4.1329                         | 1091.5471      | 3.6523                        | 0.5695          | 182.7729        | 1914.2548       |
| 21:MRFITR                         | 57.0752                         |                               | 45.9136                       | 2.7972                         | 753.6351       | 3.4875                        | 0.5695          | 255.3157        | 1914.2548       |
| <b>Block : Study</b>              | <b>70.0000 - Mean Age Start</b> |                               | <b>Estimate RR</b>            | <b>-</b>                       | <b>-</b>       | <b>CA1 Pred</b>               | <b>CA0 Pred</b> |                 |                 |
| 21:MRFITR                         | 42.2556                         |                               | 18.1405                       | 2.5535                         | 128.8758       | 1.8105                        | 0.7225          |                 |                 |
| 21:MRFITR                         | 47.6538                         |                               | 26.2690                       | 2.8783                         | 239.7443       | 1.3781                        | 0.7225          |                 |                 |
| 21:MRFITR                         | 49.6042                         |                               | 30.0289                       | 3.0056                         | 300.0184       | 3.7051                        | 0.7225          |                 |                 |
| 21:MRFITR                         | 51.6947                         |                               | 34.6584                       | 3.1483                         | 381.5433       | 3.0305                        | 0.7225          |                 |                 |
| 21:MRFITR                         | 53.5462                         |                               | 39.3512                       | 3.2803                         | 472.0680       | 2.7146                        | 0.7225          |                 |                 |
| 21:MRFITR                         | 57.0752                         |                               | 50.1273                       | 3.5474                         | 708.3317       | 4.8305                        | 0.7225          |                 |                 |
| <b>Block : Study</b>              | <b>Beta</b>                     | <b>St.Err. Beta</b>           | <b>Beta WgtS</b>              | <b>ChiSq for Fit</b>           | <b>DF</b>      | <b>Prob (ChiSq)</b>           |                 |                 |                 |
| 21:MRFITR                         | 0.0686                          | 0.0237                        | 1784.2579                     | 1.9958                         | 5              | 0.8497                        |                 |                 |                 |
| <b>Block : Study</b>              | <b>70.0000 - Mean Age Start</b> |                               | <b>RR</b>                     | <b>RRL</b>                     | <b>RRU</b>     | <b>CA1 Est</b>                | <b>CA0 Est</b>  | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 22:SEGI2                          | 43.3974                         |                               | 1.8333                        | 0.3708                         | 9.0650         | 11.0000                       | 2.0000          | 54.0000         | 18.0000         |
| 22:SEGI2                          | 49.2273                         |                               | 5.5556                        | 1.2362                         | 24.9680        | 50.0000                       | 2.0000          | 81.0000         | 18.0000         |
| 22:SEGI2                          | 54.7226                         |                               | 8.2059                        | 1.7595                         | 38.2702        | 31.0000                       | 2.0000          | 34.0000         | 18.0000         |
| <b>Block : Study</b>              | <b>70.0000 - Mean Age Start</b> |                               | <b>Estimate RR</b>            | <b>-</b>                       | <b>-</b>       | <b>CA1 Pred</b>               | <b>CA0 Pred</b> | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 22:SEGI2                          | 43.3974                         |                               | 7.6317                        | 2.3231                         | 25.0710        | 19.2420                       | 1.0445          | 45.7580         | 18.9555         |
| 22:SEGI2                          | 49.2273                         |                               | 10.0275                       | 2.6017                         | 38.6486        | 46.6213                       | 1.0445          | 84.3787         | 18.9555         |
| 22:SEGI2                          | 54.7226                         |                               | 12.9705                       | 2.8947                         | 58.1175        | 27.0922                       | 1.0445          | 37.9078         | 18.9555         |
| <b>Block : Study</b>              | <b>Beta</b>                     | <b>St.Err. Beta</b>           | <b>Beta WgtS</b>              | <b>ChiSq for Fit</b>           | <b>DF</b>      | <b>Prob (ChiSq)</b>           |                 |                 |                 |
| 22:SEGI2                          | 0.0468                          | 0.0140                        | 5114.2951                     | 7.2838                         | 5              | 0.2004                        |                 |                 |                 |
| <b>Block : Study</b>              | <b>70.0000 - Mean Age Start</b> |                               | <b>RR</b>                     | <b>RRL</b>                     | <b>RRU</b>     | <b>CA1 Est</b>                | <b>CA0 Est</b>  | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 23:SEGI2                          | 41.0435                         |                               | 3.5593                        | 0.7657                         | 16.5448        | 21.0000                       | 2.0000          | 59.0000         | 20.0000         |
| 23:SEGI2                          | 49.0952                         |                               | 5.6818                        | 1.2749                         | 25.3224        | 50.0000                       | 2.0000          | 88.0000         | 20.0000         |
| 23:SEGI2                          | 55.1348                         |                               | 8.6957                        | 1.9132                         | 39.5226        | 40.0000                       | 2.0000          | 46.0000         | 20.0000         |
| <b>Block : Study</b>              | <b>70.0000 - Mean Age Start</b> |                               | <b>Estimate RR</b>            | <b>-</b>                       | <b>-</b>       | <b>CA1 Pred</b>               | <b>CA0 Pred</b> | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 23:SEGI2                          | 41.0435                         |                               | 6.0840                        | 2.1656                         | 17.0920        | 23.3227                       | 1.3937          | 56.6773         | 20.6063         |
| 23:SEGI2                          | 49.0952                         |                               | 8.6702                        | 2.5201                         | 29.8288        | 51.0116                       | 1.3937          | 86.9884         | 20.6063         |
| 23:SEGI2                          | 55.1348                         |                               | 11.3089                       | 2.8236                         | 45.2942        | 37.2719                       | 1.3937          | 48.7281         | 20.6063         |
| <b>Block : Study</b>              | <b>Beta</b>                     | <b>St.Err. Beta</b>           | <b>Beta WgtS</b>              | <b>ChiSq for Fit</b>           | <b>DF</b>      | <b>Prob (ChiSq)</b>           |                 |                 |                 |
| 23:SEGI2                          | 0.0440                          | 0.0128                        | 6065.1734                     | 0.9923                         | 5              | 0.9632                        |                 |                 |                 |
| <b>Block : Study</b>              | <b>70.0000 - Mean Age Start</b> |                               | <b>RR</b>                     | <b>RRL</b>                     | <b>RRU</b>     | <b>CA1 Est</b>                | <b>CA0 Est</b>  | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 24:SEGI2                          | 39.1316                         |                               | 1.5179                        | 0.4399                         | 5.2373         | 17.0000                       | 4.0000          | 42.0000         | 15.0000         |

Table H6-1  
Lung cancer risk in Current smokers by Age Start Smoking (yrs) (linear model): estimation details

All RRs are relative to never smokers

|                      |                                 |                     |                  |                      |                 |                     |                 |                 |
|----------------------|---------------------------------|---------------------|------------------|----------------------|-----------------|---------------------|-----------------|-----------------|
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 24:SEGI2             | 49.4062                         | 1.7045              | 0.5134           | 5.6592               | 25.0000         | 4.0000              | 55.0000         | 15.0000         |
| 24:SEGI2             | 55.6308                         | 3.2609              | 0.9294           | 11.4410              | 20.0000         | 4.0000              | 23.0000         | 15.0000         |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 24:SEGI2             | 39.1316                         | 2.1174              | 0.9143           | 4.9036               | 18.2025         | 3.3068              | 40.7975         | 15.6932         |
| 24:SEGI2             | 49.4062                         | 2.5784              | 0.8930           | 7.4443               | 28.1631         | 3.3068              | 51.8369         | 15.6932         |
| 24:SEGI2             | 55.6308                         | 2.9052              | 0.8804           | 9.5866               | 16.3277         | 3.3068              | 26.6723         | 15.6932         |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 24:SEGI2             | 0.0192                          | 0.0109              | 8341.1890        | 2.1706               | 5               | 0.8251              |                 |                 |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 25:SVENSS            | 36.1111                         | 5.6140              | 2.8355           | 11.1153              | 32.0000         | 38.0000             | 18.0000         | 120.0000        |
| 25:SVENSS            | 48.6874                         | 13.0827             | 6.5733           | 26.0383              | 58.0000         | 38.0000             | 14.0000         | 120.0000        |
| 25:SVENSS            | 54.9588                         | 7.8195              | 4.1879           | 14.6004              | 52.0000         | 38.0000             | 21.0000         | 120.0000        |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 25:SVENSS            | 36.1111                         | 4.7562              | 3.3235           | 6.8065               | 30.6769         | 39.5408             | 19.3231         | 118.4592        |
| 25:SVENSS            | 48.6874                         | 8.1870              | 5.0495           | 13.2741              | 52.7114         | 39.5408             | 19.2886         | 118.4592        |
| 25:SVENSS            | 54.9588                         | 10.7336             | 6.2206           | 18.5208              | 57.0709         | 39.5408             | 15.9291         | 118.4592        |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 25:SVENSS            | 0.0432                          | 0.0051              | 38991.5419       | 4.2732               | 5               | 0.5108              |                 |                 |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 26:WAKAI             | 32.7692                         | 2.0800              | 0.7368           | 5.8720               | 8.0000          | 10.0000             | 25.0000         | 65.0000         |
| 26:WAKAI             | 47.8613                         | 4.6175              | 2.2868           | 9.3236               | 130.0000        | 10.0000             | 183.0000        | 65.0000         |
| 26:WAKAI             | 55.0903                         | 3.6892              | 1.7151           | 7.9353               | 42.0000         | 10.0000             | 74.0000         | 65.0000         |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 26:WAKAI             | 32.7692                         | 2.4639              | 1.5948           | 3.8065               | 9.5830          | 10.6828             | 23.4170         | 64.3172         |
| 26:WAKAI             | 47.8613                         | 3.7323              | 1.9773           | 7.0452               | 119.7802        | 10.6828             | 193.2198        | 64.3172         |
| 26:WAKAI             | 55.0903                         | 4.5538              | 2.1917           | 9.4615               | 49.9541         | 10.6828             | 66.0459         | 64.3172         |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 26:WAKAI             | 0.0275                          | 0.0068              | 21802.0255       | 4.0564               | 5               | 0.5413              |                 |                 |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 27:WU                | 38.5587                         | 1.5500              | 0.6000           | 3.9800               | 9.6339          | 22.8012             | 14.9135         | 54.7101         |
| 27:WU                | 49.2918                         | 3.5700              | 1.5700           | 8.1400               | 21.7994         | 22.8012             | 14.6517         | 54.7101         |
| 27:WU                | 54.9433                         | 10.3200             | 4.8100           | 22.1300              | 59.2551         | 22.8012             | 13.7770         | 54.7101         |
| <b>Block : Study</b> | <b>70.0000 - Mean Age Start</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 27:WU                | 38.5587                         | 3.8212              | 2.3721           | 6.1557               | 14.5804         | 21.4587             | 9.9669          | 56.0526         |
| 27:WU                | 49.2918                         | 5.5496              | 3.0168           | 10.2088              | 24.7851         | 21.4587             | 11.6660         | 56.0526         |
| 27:WU                | 54.9433                         | 6.7545              | 3.4240           | 13.3248              | 52.6654         | 21.4587             | 20.3668         | 56.0526         |
| <b>Block : Study</b> | <b>Beta</b>                     | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 27:WU                | 0.0348                          | 0.0063              | 25123.5166       | 8.3298               | 5               | 0.1390              |                 |                 |

Table H6-1  
Lung cancer risk in Current smokers by Age Start Smoking (yrs) (linear model): estimation details

All RRs are relative to never smokers  
 GOODNESS-OF-FIT ANALYSIS - TOTALS OVER STUDIES

| Total fit over blocks:     | Cases     |           |        | Controls (case-control only) |           |        |
|----------------------------|-----------|-----------|--------|------------------------------|-----------|--------|
|                            | Observed  | Fitted    | Chisq  | Observed                     | Fitted    | Chisq  |
| Age Start < 16 years       | 1304.9226 | 1294.4787 | 0.0843 | 551.2597                     | 541.0582  | 0.1923 |
| Age Start 16 to < 20 years | 1964.7571 | 1906.5466 | 1.7773 | 1041.2396                    | 1041.1959 | 0.0000 |
| Age Start 20 to < 24 years | 1227.4756 | 1266.9863 | 1.2321 | 945.3676                     | 960.9155  | 0.2516 |
| Age Start 24+ years        | 2173.9021 | 2219.2628 | 0.9272 | 565.9135                     | 564.5900  | 0.0031 |
| Never Smokers              | 894.4133  | 878.1962  | 0.2995 | 2503.9846                    | 2500.0055 | 0.0063 |
| Total                      | 7565.4706 | 7565.4706 | 4.3203 | 5607.7651                    | 5607.7651 | 0.4534 |

Table H6-2  
Lung cancer risk in Current smokers by Age Start Smoking (yrs) (linear model); summary of results

| Block : Study | Study Description                                 | Continent | Beta   | St.Err. Beta | Beta WgtS   | P (Drop LLik) | Log Beta | Log Beta SE | Sex | Age Low | Age High | St Type |
|---------------|---|-----------|--------|--------------|-------------|---------------|----------|-------------|-----|---------|----------|---------|
| 1:CEDERL      | Sweden cohort study 1963-89                       | Europe    | 0.0385 | 0.0082       | 14775.0545  | NS            | -3.2567  | 0.2136      | m   | 18      | 69       | Prosp   |
| 2:CEDERL      | Sweden cohort study 1963-89                       | Europe    | 0.0140 | 0.0089       | 12723.1792  | NS            | -4.2697  | 0.6339      | f   | 18      | 69       | Prosp   |
| 3:CPSI        | US ACS million person CPSI cohort study 1959-72   | NAmer     | 0.0461 | 0.0041       | 60062.7436  | 0.0490        | -3.0765  | 0.0885      | m   | 35      | 54       | Prosp   |
| 4:CPSI        | US ACS million person CPSI cohort study 1959-72   | NAmer     | 0.0524 | 0.0029       | 115062.7654 | 0.0959        | -2.9484  | 0.0562      | m   | 55      | 69       | Prosp   |
| 5:CPSI        | US ACS million person CPSI cohort study 1959-72   | NAmer     | 0.0512 | 0.0047       | 44353.4031  | 0.0195        | -2.9720  | 0.0927      | m   | 70      | 84       | Prosp   |
| 6:CPSI        | US ACS million person CPSI cohort study 1959-72   | NAmer     | 0.0301 | 0.0036       | 76688.2751  | 0.0510        | -3.5043  | 0.1201      | f   | 40      | 54       | Prosp   |
| 7:CPSI        | US ACS million person CPSI cohort study 1959-72   | NAmer     | 0.0237 | 0.0046       | 47913.2062  | NS            | -3.7429  | 0.1929      | f   | 55      | 74       | Prosp   |
| 8:DEAN3       | UK Cleveland Co CC study 1969-73                  | Europe    | 0.0332 | 0.0041       | 60867.1122  | NS            | -3.4048  | 0.1220      | m   | 35      | 99       | C-C     |
| 9:DEAN3       | UK Cleveland Co CC study 1969-73                  | Europe    | 0.0209 | 0.0039       | 66749.1569  | NS            | -3.8699  | 0.1855      | f   | 35      | 99       | C-C     |
| 10:DORN       | US Veterans cohort study 1954-80                  | NAmer     | 0.0549 | 0.0037       | 74904.5221  | 0.0874        | -2.9022  | 0.0666      | m   | 55      | 64       | Prosp   |
| 11:DORN       | US Veterans cohort study 1954-80                  | NAmer     | 0.0455 | 0.0027       | 134148.2894 | NS            | -3.0910  | 0.0601      | m   | 65      | 74       | Prosp   |
| 12:ENGELA     | Norway cohort study 1964-93                       | Europe    | 0.0360 | 0.0037       | 73058.7412  | 0.0109        | -3.3241  | 0.1028      | m   | 32      | 72       | Prosp   |
| 13:ENGELA     | Norway cohort study 1964-93                       | Europe    | 0.0442 | 0.0045       | 49188.9646  | NS            | -3.1181  | 0.1019      | f   | 32      | 72       | Prosp   |
| 14:GAO2       | Japan Tokai diet CC study 1988-91                 | Asia      | 0.0394 | 0.0066       | 23249.5690  | NS            | -3.2350  | 0.1666      | m   | 1       | 99       | C-C     |
| 15:HIRAYA     | Japan 6 prefecture cohort study 1965-82           | Asia      | 0.0317 | 0.0022       | 210016.8172 | NS            | -3.4511  | 0.0688      | m   | 40      | 99       | Prosp   |
| 16:HIRAYA     | Japan 6 prefecture cohort study 1965-82           | Asia      | 0.0207 | 0.0029       | 121104.5461 | NS            | -3.8794  | 0.1391      | f   | 40      | 99       | Prosp   |
| 17:LIAW       | Taiwan 12 township cohort study 1982-94           | Asia      | 0.0296 | 0.0050       | 39951.2859  | 0.0396        | -3.5199  | 0.1690      | c   | 40      | 99       | Prosp   |
| 18:MATOS      | Argentina Buenos Aires CC study 1994-96           | SCAmer    | 0.0411 | 0.0063       | 24869.1539  | NS            | -3.1912  | 0.1542      | m   | 1       | 99       | C-C     |
| 19:MIGRAN     | UK British part of migrant cohort study 1964-77   | Europe    | 0.0373 | 0.0087       | 13247.2698  | NS            | -3.2881  | 0.2328      | m   | 35      | 69       | Prosp   |
| 20:MIGRAN     | UK British part of migrant cohort study 1964-77   | Europe    | 0.0400 | 0.0108       | 8579.9111   | NS            | -3.2184  | 0.2698      | f   | 35      | 69       | Prosp   |
| 21:MRFITR     | US MRFIT randomized subjects cohort study 1973-85 | NAmer     | 0.0686 | 0.0237       | 1784.2579   | NS            | -2.6797  | 0.3452      | m   | 35      | 57       | Prosp   |
| 22:SEGI2      | Japan Tokyo and Sendai CC study 1962-70           | Asia      | 0.0468 | 0.0140       | 5114.2951   | NS            | -3.0612  | 0.2986      | m   | 1       | 54       | C-C     |
| 23:SEGI2      | Japan Tokyo and Sendai CC study 1962-70           | Asia      | 0.0440 | 0.0128       | 6065.1734   | NS            | -3.1237  | 0.2919      | m   | 55      | 64       | C-C     |
| 24:SEGI2      | Japan Tokyo and Sendai CC study 1962-70           | Asia      | 0.0192 | 0.0109       | 8341.1890   | NS            | -3.9544  | 0.5711      | m   | 65      | 99       | C-C     |
| 25:SVENSS     | Sweden Stockholm County CC study 1983-86          | Europe    | 0.0432 | 0.0051       | 38991.5419  | NS            | -3.1423  | 0.1173      | f   | 1       | 99       | C-C     |
| 26:WAKAI      | Japan Okinawa CC study 1988-91                    | Asia      | 0.0275 | 0.0068       | 21802.0255  | NS            | -3.5929  | 0.2461      | m   | 40      | 89       | C-C     |
| 27:WU         | US California LA County CC study 1981-82          | NAmer     | 0.0348 | 0.0063       | 25123.5166  | NS            | -3.3591  | 0.1815      | f   | 1       | 75       | C-C     |

Table H6a-1  
Lung cancer risk in Current smokers by (70 - Age Start) /10 to power 1.44 ; estimation details

All RRs are relative to never smokers

| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est      | CO0 Est      |
|---------------|----------------------------|--------------|-----------|---------------|----------|--------------|--------------|--------------|
| 1:CEDERL      | 12.0040                    | 6.4000       | 2.2500    | 18.2100       | 7.4329   | 6.6217       | 1177.5649    | 6713.9198    |
| 1:CEDERL      | 10.8833                    | 9.8000       | 3.7400    | 25.6900       | 10.9072  | 6.6217       | 1128.4794    | 6713.9198    |
| 1:CEDERL      | 9.4438                     | 6.5000       | 2.5200    | 16.7400       | 12.0474  | 6.6217       | 1879.2563    | 6713.9198    |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |              |              |
| 1:CEDERL      | 12.0040                    | 8.9729       | 3.5468    | 22.7002       | 10.8351  | 6.8848       |              |              |
| 1:CEDERL      | 10.8833                    | 7.3110       | 3.1514    | 16.9606       | 8.4602   | 6.8848       |              |              |
| 1:CEDERL      | 9.4438                     | 5.6194       | 2.7075    | 11.6632       | 10.8291  | 6.8848       |              |              |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |              |              |
| 1:CEDERL      | 0.1828                     | 0.0394       | 642.5553  | 1.9231        | 2        | 0.3823       |              |              |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est      | CO0 Est      |
| 2:CEDERL      | 11.8543                    | 0.6073       | 0.0367    | 10.0479       | 0.0000   | 19.0000      | 746.0000     | 17679.0000   |
| 2:CEDERL      | 10.8711                    | 1.8443       | 0.4302    | 7.9071        | 2.0000   | 19.0000      | 1009.0000    | 17679.0000   |
| 2:CEDERL      | 8.9126                     | 1.9896       | 0.7953    | 4.9774        | 6.0000   | 19.0000      | 2806.0000    | 17679.0000   |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |              |              |
| 2:CEDERL      | 11.8543                    | 2.2901       | 0.8138    | 6.4443        |          |              |              |              |
| 2:CEDERL      | 10.8711                    | 2.1380       | 0.8278    | 5.5215        | 2.3235   | 19.0417      |              |              |
| 2:CEDERL      | 8.9126                     | 1.8644       | 0.8565    | 4.0585        | 5.6349   | 19.0417      |              |              |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |              |              |
| 2:CEDERL      | 0.0699                     | 0.0445       | 504.3248  | 0.0688        | 1        | 0.7931       |              |              |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est      | CO0 Est      |
| 3:CPSI        | 12.5751                    | 15.0000      | 9.2300    | 24.3900       | 79.7820  | 20.4372      | 86583.4126   | 332692.3626  |
| 3:CPSI        | 11.1179                    | 9.7100       | 6.2100    | 15.2000       | 310.5022 | 20.4372      | 520554.7299  | 332692.3626  |
| 3:CPSI        | 9.7766                     | 7.1400       | 4.3800    | 11.6500       | 74.8569  | 20.4372      | 170668.9034  | 332692.3626  |
| 3:CPSI        | 7.7696                     | 3.4300       | 1.6500    | 7.1100        | 11.1169  | 20.4372      | 52760.6005   | 332692.3626  |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |              |              |
| 3:CPSI        | 12.5751                    | 15.2647      | 9.6053    | 24.2587       | 71.7199  | 18.0534      |              |              |
| 3:CPSI        | 11.1179                    | 11.1308      | 7.3903    | 16.7646       | 314.4191 | 18.0534      |              |              |
| 3:CPSI        | 9.7766                     | 8.3228       | 5.8058    | 11.9310       | 77.0796  | 18.0534      |              |              |
| 3:CPSI        | 7.7696                     | 5.3870       | 4.0462    | 7.1721        | 15.4231  | 18.0534      |              |              |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |              |              |
| 3:CPSI        | 0.2167                     | 0.0188       | 2831.0172 | 2.5362        | 3        | 0.4688       |              |              |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est      | CO0 Est      |
| 4:CPSI        | 12.6983                    | 18.1600      | 12.6000   | 26.1600       | 112.8589 | 38.6490      | 417464.0287  | 2596199.0753 |
| 4:CPSI        | 11.1715                    | 16.3200      | 11.7900   | 22.5800       | 622.2067 | 38.6490      | 2561024.5380 | 2596199.0753 |
| 4:CPSI        | 9.8601                     | 12.0000      | 8.4100    | 17.1300       | 141.5470 | 38.6490      | 792352.7707  | 2596199.0753 |

Table H6a-1  
Lung cancer risk in Current smokers by (70 - Age Start)/10 to power 1.44 ; estimation details

All RRs are relative to never smokers

| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est      | CO0 Est      |
|---------------|----------------------------|--------------|-----------|---------------|----------|--------------|--------------|--------------|
| 4:CPSI        | 7.1242                     | 5.2100       | 3.2200    | 8.4200        | 29.1885  | 38.6490      | 376333.8089  | 2596199.0753 |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |              |              |
| 4:CPSI        | 12.6983                    | 21.0492      | 15.0357   | 29.4680       | 140.0091 | 41.3655      |              |              |
| 4:CPSI        | 11.1715                    | 14.5925      | 10.8539   | 19.6190       | 595.4498 | 41.3655      |              |              |
| 4:CPSI        | 9.8601                     | 10.6532      | 8.2040    | 13.8337       | 134.4933 | 41.3655      |              |              |
| 4:CPSI        | 7.1242                     | 5.5256       | 4.5751    | 6.6735        | 33.1325  | 41.3655      |              |              |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |              |              |
| 4:CPSI        | 0.2399                     | 0.0135       | 5472.5427 | 7.4851        | 3        | 0.0579       |              |              |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est      | CO0 Est      |
| 5:CPSI        | 12.8249                    | 14.0300      | 7.3200    | 26.8800       | 19.6745  | 16.8606      | 48943.7232   | 588468.1546  |
| 5:CPSI        | 11.1574                    | 16.6000      | 9.8900    | 27.8700       | 94.7877  | 16.8606      | 199294.1801  | 588468.1546  |
| 5:CPSI        | 9.8394                     | 8.6600       | 4.1700    | 17.9600       | 12.5820  | 16.8606      | 50708.6009   | 588468.1546  |
| 5:CPSI        | 6.0738                     | 1.7100       | 0.5100    | 5.7500        | 3.0994   | 16.8606      | 63260.8737   | 588468.1546  |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |              |              |
| 5:CPSI        | 12.8249                    | 21.9368      | 12.5329   | 38.3968       | 29.2102  | 16.0098      |              |              |
| 5:CPSI        | 11.1574                    | 14.6823      | 9.0216    | 23.8949       | 79.6072  | 16.0098      |              |              |
| 5:CPSI        | 9.8394                     | 10.6897      | 6.9573    | 16.4244       | 14.7472  | 16.0098      |              |              |
| 5:CPSI        | 6.0738                     | 4.3168       | 3.3115    | 5.6274        | 7.4296   | 16.0098      |              |              |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |              |              |
| 5:CPSI        | 0.2408                     | 0.0223       | 2016.2583 | 8.8946        | 3        | 0.0307       |              |              |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est      | CO0 Est      |
| 6:CPSI        | 12.3506                    | 9.0000       | 3.8400    | 21.1000       | 5.9865   | 45.6948      | 171959.7820  | 11813133.163 |
| 6:CPSI        | 11.0769                    | 5.0000       | 3.2900    | 7.5900        | 42.3838  | 45.6948      | 2191432.5587 | 11813133.163 |
| 6:CPSI        | 9.7862                     | 4.0000       | 2.4400    | 6.5600        | 23.9400  | 45.6948      | 1547257.8743 | 11813133.163 |
| 6:CPSI        | 6.9643                     | 1.5000       | 0.7800    | 2.9000        | 11.0692  | 45.6948      | 1907758.6566 | 11813133.163 |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |              |              |
| 6:CPSI        | 12.3506                    | 6.2194       | 4.0762    | 9.4896        | 3.8237   | 42.2351      |              |              |
| 6:CPSI        | 11.0769                    | 5.1510       | 3.5263    | 7.5244        | 40.3582  | 42.2351      |              |              |
| 6:CPSI        | 9.7862                     | 4.2554       | 3.0447    | 5.9476        | 23.5405  | 42.2351      |              |              |
| 6:CPSI        | 6.9643                     | 2.8027       | 2.2086    | 3.5567        | 19.1167  | 42.2351      |              |              |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |              |              |
| 6:CPSI        | 0.1480                     | 0.0175       | 3282.3978 | 5.0029        | 3        | 0.1716       |              |              |

Table H6a-1  
Lung cancer risk in Current smokers by (70 - Age Start)/10 to power 1.44 ; estimation details

All RRs are relative to never smokers

| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est     | CO0 Est     |
|---------------|----------------------------|--------------|-----------|---------------|----------|--------------|-------------|-------------|
| 7:CPSI        | 11.3357                    | 2.5900       | 1.3100    | 5.0900        | 11.1499  | 33.0023      | 10952.7864  | 83964.9864  |
| 7:CPSI        | 9.8749                     | 3.2300       | 1.7000    | 6.1600        | 12.8733  | 33.0023      | 10140.0605  | 83964.9864  |
| 7:CPSI        | 6.5059                     | 2.6200       | 1.8300    | 3.7400        | 337.5135 | 33.0023      | 327751.3748 | 83964.9864  |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |             |             |
| 7:CPSI        | 11.3357                    | 3.7590       | 2.2165    | 6.3750        | 18.9305  | 38.6069      |             |             |
| 7:CPSI        | 9.8749                     | 3.1693       | 2.0004    | 5.0212        | 14.7764  | 38.6069      |             |             |
| 7:CPSI        | 6.5059                     | 2.1382       | 1.5790    | 2.8954        | 322.2251 | 38.6069      |             |             |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |             |             |
| 7:CPSI        | 0.1168                     | 0.0238       | 1769.1421 | 4.9821        | 2        | 0.0828       |             |             |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est     | CO0 Est     |
| 8:DEAN3       | 12.6545                    | 5.6667       | 3.3440    | 9.6026        | 44.0000  | 24.0000      | 165.0000    | 510.0000    |
| 8:DEAN3       | 11.1378                    | 7.0103       | 4.4848    | 10.9579       | 160.0000 | 24.0000      | 485.0000    | 510.0000    |
| 8:DEAN3       | 9.8065                     | 6.8634       | 4.1005    | 11.4879       | 52.0000  | 24.0000      | 161.0000    | 510.0000    |
| 8:DEAN3       | 7.3748                     | 6.8000       | 3.6744    | 12.5843       | 24.0000  | 24.0000      | 75.0000     | 510.0000    |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     | CO1 Pred    | CO0 Pred    |
| 8:DEAN3       | 12.6545                    | 6.5198       | 4.0822    | 10.4128       | 59.2958  | 30.5834      | 149.7042    | 503.4166    |
| 8:DEAN3       | 11.1378                    | 5.2077       | 3.4489    | 7.8634        | 155.0185 | 30.5834      | 489.9815    | 503.4166    |
| 8:DEAN3       | 9.8065                     | 4.2755       | 2.9745    | 6.1455        | 43.9178  | 30.5834      | 169.0822    | 503.4166    |
| 8:DEAN3       | 7.3748                     | 2.9821       | 2.2700    | 3.9176        | 15.1845  | 30.5834      | 83.8155     | 503.4166    |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |             |             |
| 8:DEAN3       | 0.1482                     | 0.0189       | 2806.3774 | 15.1414       | 7        | 0.0342       |             |             |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est     | CO0 Est     |
| 9:DEAN3       | 12.4312                    | 2.4090       | 1.0560    | 5.4958        | 7.0000   | 41.0000      | 109.0000    | 1538.0000   |
| 9:DEAN3       | 11.0544                    | 2.9027       | 1.8512    | 4.5514        | 39.0000  | 41.0000      | 504.0000    | 1538.0000   |
| 9:DEAN3       | 9.8173                     | 2.9486       | 1.6653    | 5.2206        | 18.0000  | 41.0000      | 229.0000    | 1538.0000   |
| 9:DEAN3       | 6.7876                     | 3.6965       | 2.2365    | 6.1096        | 27.0000  | 41.0000      | 274.0000    | 1538.0000   |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     | CO1 Pred    | CO0 Pred    |
| 9:DEAN3       | 12.4312                    | 3.2968       | 2.0895    | 5.2016        | 10.3070  | 45.3643      | 105.6930    | 1533.6357   |
| 9:DEAN3       | 11.0544                    | 2.8888       | 1.9258    | 4.3334        | 42.7461  | 45.3643      | 500.2539    | 1533.6357   |
| 9:DEAN3       | 9.8173                     | 2.5654       | 1.7896    | 3.6775        | 17.4212  | 45.3643      | 229.5788    | 1533.6357   |
| 9:DEAN3       | 6.7876                     | 1.9182       | 1.4954    | 2.4605        | 16.1614  | 45.3643      | 284.8386    | 1533.6357   |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |             |             |
| 9:DEAN3       | 0.0960                     | 0.0187       | 2854.8332 | 9.6552        | 7        | 0.2090       |             |             |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est     | CO0 Est     |
| 10:DORN       | 12.6850                    | 23.4191      | 14.8363   | 36.9670       | 70.0000  | 25.0000      | 25569.0000  | 213858.0000 |
| 10:DORN       | 11.2117                    | 16.2539      | 10.8050   | 24.4506       | 293.0000 | 25.0000      | 154204.0000 | 213858.0000 |
| 10:DORN       | 9.7938                     | 11.0555      | 7.2120    | 16.9474       | 133.0000 | 25.0000      | 102910.0000 | 213858.0000 |



Table H6a-1  
Lung cancer risk in Current smokers by (70 - Age Start) /10 to power 1.44 ; estimation details

All RRs are relative to never smokers

| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est    | CO0 Est     |
|---------------|----------------------------|--------------|-----------|---------------|----------|--------------|------------|-------------|
| 10:DORN       | 7.1288                     | 5.1806       | 3.0473    | 8.8073        | 30.0000  | 25.0000      | 49537.0000 | 213858.0000 |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |            |             |
| 10:DORN       | 12.6850                    | 24.6579      | 16.3221   | 37.2509       | 69.6577  | 23.6279      |            |             |
| 10:DORN       | 11.2117                    | 16.9939      | 11.8011   | 24.4717       | 289.5266 | 23.6279      |            |             |
| 10:DORN       | 9.7938                     | 11.8767      | 8.6369    | 16.3320       | 135.0374 | 23.6279      |            |             |
| 10:DORN       | 7.1288                     | 6.0571       | 4.8036    | 7.6376        | 33.1505  | 23.6279      |            |             |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |            |             |
| 10:DORN       | 0.2527                     | 0.0166       | 3631.4471 | 0.4532        | 3        | 0.9290       |            |             |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est    | CO0 Est     |
| 11:DORN       | 12.7678                    | 14.1806      | 9.7906    | 20.5390       | 65.0000  | 49.0000      | 16016.0000 | 171211.0000 |
| 11:DORN       | 11.0972                    | 11.3061      | 8.3322    | 15.3415       | 259.0000 | 49.0000      | 80043.0000 | 171211.0000 |
| 11:DORN       | 9.9489                     | 7.9434       | 5.7347    | 11.0027       | 138.0000 | 49.0000      | 60703.0000 | 171211.0000 |
| 11:DORN       | 6.6760                     | 4.9526       | 3.4383    | 7.1337        | 70.0000  | 49.0000      | 49386.0000 | 171211.0000 |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |            |             |
| 11:DORN       | 12.7678                    | 14.3512      | 10.4883   | 19.6368       | 70.4935  | 52.5095      |            |             |
| 11:DORN       | 11.0972                    | 10.1279      | 7.7118    | 13.3010       | 248.6276 | 52.5095      |            |             |
| 11:DORN       | 9.9489                     | 7.9703       | 6.2425    | 10.1763       | 148.3845 | 52.5095      |            |             |
| 11:DORN       | 6.6760                     | 4.0264       | 3.4175    | 4.7437        | 60.9849  | 52.5095      |            |             |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |            |             |
| 11:DORN       | 0.2086                     | 0.0125       | 6369.0331 | 3.1548        | 3        | 0.3684       |            |             |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est    | CO0 Est     |
| 12:ENGELA     | 11.6192                    | 7.4158       | 4.9442    | 11.1228       | 173.0000 | 27.0000      | 50732.0000 | 58716.0000  |
| 12:ENGELA     | 9.5069                     | 3.6010       | 2.2554    | 5.7494        | 50.0000  | 27.0000      | 30195.0000 | 58716.0000  |
| 12:ENGELA     | 6.0494                     | 3.7871       | 2.0650    | 6.9452        | 17.0000  | 27.0000      | 9762.0000  | 58716.0000  |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |            |             |
| 12:ENGELA     | 11.6192                    | 7.0582       | 4.7788    | 10.4249       | 161.1733 | 26.4285      |            |             |
| 12:ENGELA     | 9.5069                     | 4.9477       | 3.5960    | 6.8075        | 67.2443  | 26.4285      |            |             |
| 12:ENGELA     | 6.0494                     | 2.7661       | 2.2578    | 3.3888        | 12.1539  | 26.4285      |            |             |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |            |             |
| 12:ENGELA     | 0.1682                     | 0.0171       | 3409.8422 | 7.2346        | 2        | 0.0269       |            |             |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est    | CO0 Est     |
| 13:ENGELA     | 11.4005                    | 11.2896      | 6.3180    | 20.1732       | 18.0000  | 31.0000      | 10687.0000 | 207789.0000 |
| 13:ENGELA     | 9.3903                     | 8.1508       | 5.0432    | 13.1733       | 36.0000  | 31.0000      | 29605.0000 | 207789.0000 |

Table H6a-1  
Lung cancer risk in Current smokers by (70 - Age Start)/10 to power 1.44 ; estimation details

All RRs are relative to never smokers

| Block : Study        | (70 - Age Start /10)**1.44        | RR                  | RRL              | RRU                  | CA1 Est         | CA0 Est             | CO1 Est         | CO0 Est         |
|----------------------|-----------------------------------|---------------------|------------------|----------------------|-----------------|---------------------|-----------------|-----------------|
| 13:ENGELA            | 5.8738                            | 2.7292              | 1.3382           | 5.5659               | 10.0000         | 31.0000             | 24560.0000      | 207789.0000     |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     |                 |                 |
| 13:ENGELA            | 11.4005                           | 12.0917             | 7.3777           | 19.8176              | 18.7028         | 30.0738             |                 |                 |
| 13:ENGELA            | 9.3903                            | 7.7914              | 5.1866           | 11.7045              | 33.3848         | 30.0738             |                 |                 |
| 13:ENGELA            | 5.8738                            | 3.6118              | 2.8001           | 4.6588               | 12.8386         | 30.0738             |                 |                 |
| <b>Block : Study</b> | <b>Beta</b>                       | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 13:ENGELA            | 0.2186                            | 0.0221              | 2045.5202        | 0.8874               | 2               | 0.6417              |                 |                 |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 14:GAO2              | 11.6104                           | 8.6154              | 4.0077           | 18.5204              | 52.0000         | 13.0000             | 26.0000         | 56.0000         |
| 14:GAO2              | 9.5226                            | 6.4362              | 3.3167           | 12.4898              | 127.0000        | 13.0000             | 85.0000         | 56.0000         |
| 14:GAO2              | 5.8397                            | 2.1538              | 0.3555           | 13.0488              | 2.0000          | 13.0000             | 4.0000          | 56.0000         |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 14:GAO2              | 11.6104                           | 9.1775              | 4.4537           | 18.9115              | 53.2250         | 13.0882             | 24.7750         | 55.9118         |
| 14:GAO2              | 9.5226                            | 6.1603              | 3.4046           | 11.1465              | 125.1877        | 13.0882             | 86.8123         | 55.9118         |
| 14:GAO2              | 5.8397                            | 3.0495              | 2.1198           | 4.3869               | 2.4991          | 13.0882             | 3.5009          | 55.9118         |
| <b>Block : Study</b> | <b>Beta</b>                       | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 14:GAO2              | 0.1909                            | 0.0318              | 990.6341         | 0.3244               | 5               | 0.9972              |                 |                 |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 15:HIRAYA            | 11.6765                           | 5.7100              | 4.5000           | 7.2500               | 281.7830        | 88.8497             | 1518624.9392    | 2734185.0119    |
| 15:HIRAYA            | 8.9973                            | 4.3500              | 3.5100           | 5.3900               | 1391.0844       | 88.8497             | 9840927.2236    | 2734185.0119    |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     |                 |                 |
| 15:HIRAYA            | 11.6765                           | 5.7424              | 4.5243           | 7.2885               | 311.6603        | 97.7154             |                 |                 |
| 15:HIRAYA            | 8.9973                            | 3.8452              | 3.1999           | 4.6206               | 1352.3414       | 97.7154             |                 |                 |
| <b>Block : Study</b> | <b>Beta</b>                       | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 15:HIRAYA            | 0.1497                            | 0.0104              | 9214.7216        | 4.7785               | 1               | 0.0288              |                 |                 |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 16:HIRAYA            | 11.3813                           | 0.7800              | 0.1000           | 6.1000               | 0.9120          | 293.7825            | 6390.7226       | 1605828.3436    |
| 16:HIRAYA            | 8.0611                            | 2.4600              | 1.9300           | 3.1300               | 84.6262         | 293.7825            | 188036.9244     | 1605828.3436    |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     |                 |                 |
| 16:HIRAYA            | 11.3813                           | 3.4429              | 2.4553           | 4.8277               | 4.0141          | 292.9606            |                 |                 |
| 16:HIRAYA            | 8.0611                            | 2.4004              | 1.8893           | 3.0498               | 82.3460         | 292.9606            |                 |                 |
| <b>Block : Study</b> | <b>Beta</b>                       | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 16:HIRAYA            | 0.1086                            | 0.0152              | 4354.4500        | 2.4628               | 1               | 0.1166              |                 |                 |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 17:LIAW              | 11.4309                           | 4.6000              | 2.6000           | 8.1000               | 23.3751         | 23.4751             | 906.4881        | 4187.6801       |

Table H6a-1  
Lung cancer risk in Current smokers by (70 - Age Start) /10 to power 1.44 ; estimation details

All RRs are relative to never smokers

| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est   | CO0 Est   |
|---------------|----------------------------|--------------|-----------|---------------|----------|--------------|-----------|-----------|
| 17:LIAW       | 9.5894                     | 5.9000       | 3.0000    | 11.3000       | 13.4107  | 23.4751      | 405.4771  | 4187.6801 |
| 17:LIAW       | 6.8307                     | 1.5000       | 0.7000    | 3.3000        | 8.6894   | 23.4751      | 1033.3970 | 4187.6801 |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |           |           |
| 17:LIAW       | 11.4309                    | 5.2347       | 3.0463    | 8.9954        | 24.5314  | 21.6491      |           |           |
| 17:LIAW       | 9.5894                     | 4.0094       | 2.5458    | 6.3143        | 8.4045   | 21.6491      |           |           |
| 17:LIAW       | 6.8307                     | 2.6890       | 1.9457    | 3.7161        | 14.3653  | 21.6491      |           |           |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |           |           |
| 17:LIAW       | 0.1448                     | 0.0242       | 1712.5311 | 5.4331        | 2        | 0.0661       |           |           |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est   | CO0 Est   |
| 18:MATOS      | 12.5822                    | 11.3000      | 5.3000    | 24.3000       | 44.3751  | 10.6697      | 39.4827   | 107.2745  |
| 18:MATOS      | 11.1483                    | 8.6000       | 4.1000    | 18.2000       | 44.6841  | 10.6697      | 52.2396   | 107.2745  |
| 18:MATOS      | 9.1468                     | 5.3000       | 2.3000    | 12.5000       | 18.3004  | 10.6697      | 34.7160   | 107.2745  |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     | CO1 Pred  | CO0 Pred  |
| 18:MATOS      | 12.5822                    | 11.3820      | 5.4835    | 23.6253       | 44.0745  | 10.4618      | 39.7833   | 107.4824  |
| 18:MATOS      | 11.1483                    | 8.6267       | 4.5168    | 16.4763       | 44.2387  | 10.4618      | 52.6850   | 107.4824  |
| 18:MATOS      | 9.1468                     | 5.8591       | 3.4456    | 9.9630        | 19.2542  | 10.4618      | 33.7621   | 107.4824  |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |           |           |
| 18:MATOS      | 0.1933                     | 0.0296       | 1140.3601 | 0.0913        | 5        | 0.9999       |           |           |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est   | CO0 Est   |
| 19:MIGRAN     | 12.3843                    | 10.0254      | 3.6351    | 27.6500       | 50.0000  | 4.0000       | 1081.0000 | 867.0000  |
| 19:MIGRAN     | 10.9828                    | 6.9313       | 2.5259    | 19.0198       | 59.0000  | 4.0000       | 1845.0000 | 867.0000  |
| 19:MIGRAN     | 9.0833                     | 7.7874       | 2.7151    | 22.3358       | 24.0000  | 4.0000       | 668.0000  | 867.0000  |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |           |           |
| 19:MIGRAN     | 12.3843                    | 7.3664       | 2.8946    | 18.7470       | 48.3536  | 5.2646       |           |           |
| 19:MIGRAN     | 10.9828                    | 5.8764       | 2.5665    | 13.4547       | 65.8342  | 5.2646       |           |           |
| 19:MIGRAN     | 9.0833                     | 4.3261       | 2.1805    | 8.5829        | 17.5475  | 5.2646       |           |           |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |           |           |
| 19:MIGRAN     | 0.1612                     | 0.0385       | 675.2531  | 3.4420        | 2        | 0.1789       |           |           |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est   | CO0 Est   |
| 20:MIGRAN     | 12.2777                    | 7.1692       | 1.3191    | 38.9629       | 2.0000   | 4.0000       | 266.0000  | 3814.0000 |
| 20:MIGRAN     | 10.9477                    | 8.2913       | 2.5585    | 26.8695       | 9.0000   | 4.0000       | 1035.0000 | 3814.0000 |
| 20:MIGRAN     | 8.3984                     | 7.9760       | 2.5441    | 25.0055       | 11.0000  | 4.0000       | 1315.0000 | 3814.0000 |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |           |           |
| 20:MIGRAN     | 12.2777                    | 9.8004       | 2.8120    | 34.1565       | 3.2890   | 4.8119       |           |           |
| 20:MIGRAN     | 10.9477                    | 7.6536       | 2.5140    | 23.3004       | 9.9941   | 4.8119       |           |           |
| 20:MIGRAN     | 8.3984                     | 4.7648       | 2.0283    | 11.1933       | 7.9051   | 4.8119       |           |           |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |           |           |
| 20:MIGRAN     | 0.1859                     | 0.0519       | 371.4881  | 1.9527        | 2        | 0.3767       |           |           |

Table H6a-1  
Lung cancer risk in Current smokers by (70 - Age Start) /10 to power 1.44 ; estimation details

All RRs are relative to never smokers

| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est  | CO0 Est   |
|---------------|----------------------------|--------------|-----------|---------------|----------|--------------|----------|-----------|
| 21:MRFITR     | 12.2824                    | 45.9136      | 2.7972    | 753.6351      | 3.4875   | 0.5695       | 255.3157 | 1914.2548 |
| 21:MRFITR     | 11.2039                    | 67.1659      | 4.1329    | 1091.5471     | 3.6523   | 0.5695       | 182.7729 | 1914.2548 |
| 21:MRFITR     | 10.6503                    | 50.5380      | 3.0790    | 829.5130      | 3.4833   | 0.5695       | 231.6698 | 1914.2548 |
| 21:MRFITR     | 10.0357                    | 27.0932      | 1.5490    | 473.8927      | 2.6350   | 0.5695       | 326.9020 | 1914.2548 |
| 21:MRFITR     | 9.4724                     | 60.0584      | 3.3902    | 1063.9434     | 2.4836   | 0.5695       | 138.9971 | 1914.2548 |
| 21:MRFITR     | 7.9666                     | 23.9054      | 1.2367    | 462.0860      | 1.8806   | 0.5695       | 264.4225 | 1914.2548 |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     |          |           |
| 21:MRFITR     | 12.2824                    | 36.6023      | 2.8907    | 463.4664      | 5.2230   | 1.0699       |          |           |
| 21:MRFITR     | 11.2039                    | 26.6819      | 2.6334    | 270.3418      | 2.7256   | 1.0699       |          |           |
| 21:MRFITR     | 10.6503                    | 22.6854      | 2.5104    | 204.9987      | 2.9373   | 1.0699       |          |           |
| 21:MRFITR     | 10.0357                    | 18.9455      | 2.3805    | 150.7782      | 3.4614   | 1.0699       |          |           |
| 21:MRFITR     | 9.4724                     | 16.0621      | 2.2674    | 113.7828      | 1.2478   | 1.0699       |          |           |
| 21:MRFITR     | 7.9666                     | 10.3305      | 1.9907    | 53.6078       | 1.5267   | 1.0699       |          |           |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |          |           |
| 21:MRFITR     | 0.2931                     | 0.1055       | 89.9259   | 2.7305        | 5        | 0.7415       |          |           |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est  | CO0 Est   |
| 22:SEGI2      | 11.5601                    | 8.2059       | 1.7595    | 38.2702       | 31.0000  | 2.0000       | 34.0000  | 18.0000   |
| 22:SEGI2      | 9.9261                     | 5.5556       | 1.2362    | 24.9680       | 50.0000  | 2.0000       | 81.0000  | 18.0000   |
| 22:SEGI2      | 8.2784                     | 1.8333       | 0.3708    | 9.0650        | 11.0000  | 2.0000       | 54.0000  | 18.0000   |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     | CO1 Pred | CO0 Pred  |
| 22:SEGI2      | 11.5601                    | 14.6988      | 3.4537    | 62.5574       | 28.9137  | 1.0339       | 36.0863  | 18.9661   |
| 22:SEGI2      | 9.9261                     | 10.0528      | 2.8987    | 34.8639       | 46.3737  | 1.0339       | 84.6263  | 18.9661   |
| 22:SEGI2      | 8.2784                     | 6.8536       | 2.4293    | 19.3356       | 17.6788  | 1.0339       | 47.3212  | 18.9661   |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |          |           |
| 22:SEGI2      | 0.2325                     | 0.0639       | 244.7390  | 5.1280        | 5        | 0.4005       |          |           |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est  | CO0 Est   |
| 23:SEGI2      | 11.6857                    | 8.6957       | 1.9132    | 39.5226       | 40.0000  | 2.0000       | 46.0000  | 20.0000   |
| 23:SEGI2      | 9.8877                     | 5.6818       | 1.2749    | 25.3224       | 50.0000  | 2.0000       | 88.0000  | 20.0000   |
| 23:SEGI2      | 7.6396                     | 3.5593       | 0.7657    | 16.5448       | 21.0000  | 2.0000       | 59.0000  | 20.0000   |
| Block : Study | (70 - Age Start /10)**1.44 | Estimate RR  | -         | -             | CA1 Pred | CA0 Pred     | CO1 Pred | CO0 Pred  |
| 23:SEGI2      | 11.6857                    | 10.0431      | 2.8041    | 35.9707       | 38.9437  | 1.6749       | 47.0563  | 20.3251   |
| 23:SEGI2      | 9.8877                     | 7.0424       | 2.3927    | 20.7278       | 50.6763  | 1.6749       | 87.3237  | 20.3251   |
| 23:SEGI2      | 7.6396                     | 4.5184       | 1.9622    | 10.4044       | 21.7052  | 1.6749       | 58.2948  | 20.3251   |
| Block : Study | Beta                       | St.Err. Beta | Beta WgtS | ChiSq for Fit | DF       | Prob (ChiSq) |          |           |
| 23:SEGI2      | 0.1974                     | 0.0557       | 322.2850  | 0.1664        | 5        | 0.9994       |          |           |
| Block : Study | (70 - Age Start /10)**1.44 | RR           | RRL       | RRU           | CA1 Est  | CA0 Est      | CO1 Est  | CO0 Est   |
| 24:SEGI2      | 11.8373                    | 3.2609       | 0.9294    | 11.4410       | 20.0000  | 4.0000       | 23.0000  | 15.0000   |
| 24:SEGI2      | 9.9780                     | 1.7045       | 0.5134    | 5.6592        | 25.0000  | 4.0000       | 55.0000  | 15.0000   |
| 24:SEGI2      | 7.1325                     | 1.5179       | 0.4399    | 5.2373        | 17.0000  | 4.0000       | 42.0000  | 15.0000   |

Table H6a-1  
Lung cancer risk in Current smokers by (70 - Age Start)/10 to power 1.44 ; estimation details

All RRs are relative to never smokers

|                      |                                   |                     |                  |                      |                 |                     |                 |                 |
|----------------------|-----------------------------------|---------------------|------------------|----------------------|-----------------|---------------------|-----------------|-----------------|
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 24:SEGI2             | 11.8373                           | 3.0600              | 0.9595           | 9.7587               | 16.9741         | 3.3382              | 26.0259         | 15.6618         |
| 24:SEGI2             | 9.9780                            | 2.5670              | 0.9658           | 6.8232               | 28.2913         | 3.3382              | 51.7087         | 15.6618         |
| 24:SEGI2             | 7.1325                            | 1.9618              | 0.9754           | 3.9459               | 17.3964         | 3.3382              | 41.6036         | 15.6618         |
| <b>Block : Study</b> | <b>Beta</b>                       | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 24:SEGI2             | 0.0945                            | 0.0500              | 400.2137         | 1.6556               | 5               | 0.8944              |                 |                 |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 25:SVENSS            | 11.6320                           | 7.8195              | 4.1879           | 14.6004              | 52.0000         | 38.0000             | 21.0000         | 120.0000        |
| 25:SVENSS            | 9.7697                            | 13.0827             | 6.5733           | 26.0383              | 58.0000         | 38.0000             | 14.0000         | 120.0000        |
| 25:SVENSS            | 6.3533                            | 5.6140              | 2.8355           | 11.1153              | 32.0000         | 38.0000             | 18.0000         | 120.0000        |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 25:SVENSS            | 11.6320                           | 11.0331             | 6.2924           | 19.3454              | 58.0949         | 41.2458             | 14.9051         | 116.7542        |
| 25:SVENSS            | 9.7697                            | 7.5120              | 4.6873           | 12.0391              | 52.2944         | 41.2458             | 19.7056         | 116.7542        |
| 25:SVENSS            | 6.3533                            | 3.7112              | 2.7309           | 5.0434               | 28.3649         | 41.2458             | 21.6351         | 116.7542        |
| <b>Block : Study</b> | <b>Beta</b>                       | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 25:SVENSS            | 0.2064                            | 0.0246              | 1648.2717        | 6.8285               | 5               | 0.2337              |                 |                 |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 26:WAKAI             | 11.6721                           | 3.6892              | 1.7151           | 7.9353               | 42.0000         | 10.0000             | 74.0000         | 65.0000         |
| 26:WAKAI             | 9.5319                            | 4.6175              | 2.2868           | 9.3236               | 130.0000        | 10.0000             | 183.0000        | 65.0000         |
| 26:WAKAI             | 5.5242                            | 2.0800              | 0.7368           | 5.8720               | 8.0000          | 10.0000             | 25.0000         | 65.0000         |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 26:WAKAI             | 11.6721                           | 4.2708              | 2.0616           | 8.8476               | 51.2429         | 11.7239             | 64.7571         | 63.2761         |
| 26:WAKAI             | 9.5319                            | 3.2727              | 1.8055           | 5.9322               | 118.1501        | 11.7239             | 194.8499        | 63.2761         |
| 26:WAKAI             | 5.5242                            | 1.9880              | 1.4083           | 2.8062               | 8.8831          | 11.7239             | 24.1169         | 63.2761         |
| <b>Block : Study</b> | <b>Beta</b>                       | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 26:WAKAI             | 0.1244                            | 0.0318              | 986.5942         | 5.3162               | 5               | 0.3785              |                 |                 |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>RR</b>           | <b>RRL</b>       | <b>RRU</b>           | <b>CA1 Est</b>  | <b>CA0 Est</b>      | <b>CO1 Est</b>  | <b>CO0 Est</b>  |
| 27:WU                | 11.6273                           | 10.3200             | 4.8100           | 22.1300              | 59.2551         | 22.8012             | 13.7770         | 54.7101         |
| 27:WU                | 9.9448                            | 3.5700              | 1.5700           | 8.1400               | 21.7994         | 22.8012             | 14.6517         | 54.7101         |
| 27:WU                | 6.9826                            | 1.5500              | 0.6000           | 3.9800               | 9.6339          | 22.8012             | 14.9135         | 54.7101         |
| <b>Block : Study</b> | <b>(70 - Age Start /10)**1.44</b> | <b>Estimate RR</b>  | <b>-</b>         | <b>-</b>             | <b>CA1 Pred</b> | <b>CA0 Pred</b>     | <b>CO1 Pred</b> | <b>CO0 Pred</b> |
| 27:WU                | 11.6273                           | 7.5681              | 3.7759           | 15.1689              | 53.9650         | 21.0973             | 19.0671         | 56.4140         |
| 27:WU                | 9.9448                            | 5.6468              | 3.1155           | 10.2346              | 24.7370         | 21.0973             | 11.7141         | 56.4140         |
| 27:WU                | 6.9826                            | 3.3718              | 2.2209           | 5.1192               | 13.6903         | 21.0973             | 10.8570         | 56.4140         |
| <b>Block : Study</b> | <b>Beta</b>                       | <b>St.Err. Beta</b> | <b>Beta WgtS</b> | <b>ChiSq for Fit</b> | <b>DF</b>       | <b>Prob (ChiSq)</b> |                 |                 |
| 27:WU                | 0.1741                            | 0.0305              | 1074.2922        | 5.9784               | 5               | 0.3083              |                 |                 |

Table H6a-1  
Lung cancer risk in Current smokers by (70 - Age Start)/10 to power 1.44 ; estimation details

All RRs are relative to never smokers  
 GOODNESS-OF-FIT ANALYSIS - TOTALS OVER STUDIES

| Total fit over blocks:     | Cases     |           |        | Controls (case-control only) |           |        |
|----------------------------|-----------|-----------|--------|------------------------------|-----------|--------|
|                            | Observed  | Fitted    | Chisq  | Observed                     | Fitted    | Chisq  |
| Age Start < 16 years       | 1304.9226 | 1387.7333 | 4.9416 | 551.2597                     | 527.8534  | 1.0379 |
| Age Start 16 to < 20 years | 1964.7571 | 1921.1972 | 0.9876 | 1041.2396                    | 1042.9204 | 0.0027 |
| Age Start 20 to < 24 years | 1227.4756 | 1216.4822 | 0.0993 | 945.3676                     | 969.1638  | 0.5843 |
| Age Start 24+ years        | 2173.9021 | 2122.1380 | 1.2627 | 565.9135                     | 575.9837  | 0.1761 |
| Never Smokers              | 894.4133  | 917.9200  | 0.6020 | 2503.9846                    | 2491.8439 | 0.0592 |
| Total                      | 7565.4706 | 7565.4706 | 7.8932 | 5607.7651                    | 5607.7651 | 1.8601 |

Table H6a-2  
 Lung cancer risk in Current smokers by (70 - Age Start) /10 to power 1.44 ; summary of results

| Block : Study | Study Description                                 | Continent | Beta   | St.Err. Beta | Beta WgtS | P (Drop LLik) | Log Beta | Log Beta SE | Sex | Age Low | Age High | St Type |
|---------------|---|-----------|--------|--------------|-----------|---------------|----------|-------------|-----|---------|----------|---------|
| 1:CEDERL      | Sweden cohort study 1963-89                       | Europe    | 0.1828 | 0.0394       | 642.5553  | NS            | -1.6994  | 0.2158      | m   | 18      | 69       | Prosp   |
| 2:CEDERL      | Sweden cohort study 1963-89                       | Europe    | 0.0699 | 0.0445       | 504.3248  | NS            | -2.6607  | 0.6371      | f   | 18      | 69       | Prosp   |
| 3:CPSI        | US ACS million person CPSI cohort study 1959-72   | NAmer     | 0.2167 | 0.0188       | 2831.0172 | NS            | -1.5290  | 0.0867      | m   | 35      | 54       | Prosp   |
| 4:CPSI        | US ACS million person CPSI cohort study 1959-72   | NAmer     | 0.2399 | 0.0135       | 5472.5427 | 0.0579        | -1.4274  | 0.0563      | m   | 55      | 69       | Prosp   |
| 5:CPSI        | US ACS million person CPSI cohort study 1959-72   | NAmer     | 0.2408 | 0.0223       | 2016.2583 | 0.0307        | -1.4238  | 0.0925      | m   | 70      | 84       | Prosp   |
| 6:CPSI        | US ACS million person CPSI cohort study 1959-72   | NAmer     | 0.1480 | 0.0175       | 3282.3978 | NS            | -1.9107  | 0.1179      | f   | 40      | 54       | Prosp   |
| 7:CPSI        | US ACS million person CPSI cohort study 1959-72   | NAmer     | 0.1168 | 0.0238       | 1769.1421 | 0.0828        | -2.1472  | 0.2035      | f   | 55      | 74       | Prosp   |
| 8:DEAN3       | UK Cleveland Co CC study 1969-73                  | Europe    | 0.1482 | 0.0189       | 2806.3774 | 0.0342        | -1.9095  | 0.1274      | m   | 35      | 99       | C-C     |
| 9:DEAN3       | UK Cleveland Co CC study 1969-73                  | Europe    | 0.0960 | 0.0187       | 2854.8332 | NS            | -2.3438  | 0.1950      | f   | 35      | 99       | C-C     |
| 10:DORN       | US Veterans cohort study 1954-80                  | NAmer     | 0.2527 | 0.0166       | 3631.4471 | NS            | -1.3757  | 0.0657      | m   | 55      | 64       | Prosp   |
| 11:DORN       | US Veterans cohort study 1954-80                  | NAmer     | 0.2086 | 0.0125       | 6369.0331 | NS            | -1.5672  | 0.0601      | m   | 65      | 74       | Prosp   |
| 12:ENGELA     | Norway cohort study 1964-93                       | Europe    | 0.1682 | 0.0171       | 3409.8422 | 0.0269        | -1.7827  | 0.1018      | m   | 32      | 72       | Prosp   |
| 13:ENGELA     | Norway cohort study 1964-93                       | Europe    | 0.2186 | 0.0221       | 2045.5202 | NS            | -1.5204  | 0.1011      | f   | 32      | 72       | Prosp   |
| 14:GAO2       | Japan Tokai diet CC study 1988-91                 | Asia      | 0.1909 | 0.0318       | 990.6341  | NS            | -1.6559  | 0.1664      | m   | 1       | 99       | C-C     |
| 15:HIRAYA     | Japan 6 prefecture cohort study 1965-82           | Asia      | 0.1497 | 0.0104       | 9214.7216 | 0.0288        | -1.8992  | 0.0696      | m   | 40      | 99       | Prosp   |
| 16:HIRAYA     | Japan 6 prefecture cohort study 1965-82           | Asia      | 0.1086 | 0.0152       | 4354.4500 | NS            | -2.2198  | 0.1395      | f   | 40      | 99       | Prosp   |
| 17:LIAW       | Taiwan 12 township cohort study 1982-94           | Asia      | 0.1448 | 0.0242       | 1712.5311 | 0.0661        | -1.9323  | 0.1669      | c   | 40      | 99       | Prosp   |
| 18:MATOS      | Argentina Buenos Aires CC study 1994-96           | SCAmer    | 0.1933 | 0.0296       | 1140.3601 | NS            | -1.6436  | 0.1532      | m   | 1       | 99       | C-C     |
| 19:MIGRAN     | UK British part of migrant cohort study 1964-77   | Europe    | 0.1612 | 0.0385       | 675.2531  | NS            | -1.8248  | 0.2387      | m   | 35      | 69       | Prosp   |
| 20:MIGRAN     | UK British part of migrant cohort study 1964-77   | Europe    | 0.1859 | 0.0519       | 371.4881  | NS            | -1.6825  | 0.2791      | f   | 35      | 69       | Prosp   |
| 21:MRFITR     | US MRFIT randomized subjects cohort study 1973-85 | NAmer     | 0.2931 | 0.1055       | 89.9259   | NS            | -1.2272  | 0.3598      | m   | 35      | 57       | Prosp   |
| 22:SEGI2      | Japan Tokyo and Sendai CC study 1962-70           | Asia      | 0.2325 | 0.0639       | 244.7390  | NS            | -1.4588  | 0.2749      | m   | 1       | 54       | C-C     |
| 23:SEGI2      | Japan Tokyo and Sendai CC study 1962-70           | Asia      | 0.1974 | 0.0557       | 322.2850  | NS            | -1.6225  | 0.2822      | m   | 55      | 64       | C-C     |
| 24:SEGI2      | Japan Tokyo and Sendai CC study 1962-70           | Asia      | 0.0945 | 0.0500       | 400.2137  | NS            | -2.3594  | 0.5291      | m   | 65      | 99       | C-C     |
| 25:SVENSS     | Sweden Stockholm County CC study 1983-86          | Europe    | 0.2064 | 0.0246       | 1648.2717 | NS            | -1.5779  | 0.1193      | f   | 1       | 99       | C-C     |
| 26:WAKAI      | Japan Okinawa CC study 1988-91                    | Asia      | 0.1244 | 0.0318       | 986.5942  | NS            | -2.0844  | 0.2560      | m   | 40      | 89       | C-C     |
| 27:WU         | US California LA County CC study 1981-82          | NAmer     | 0.1741 | 0.0305       | 1074.2922 | NS            | -1.7483  | 0.1753      | f   | 1       | 75       | C-C     |