The output provides full details of a variety of meta-analyses of ETS and Stroke.

For each table, the output shows, for each individual estimate selected for the meta-analysis, the value of that estimate (RR) and its 95% confidence interval. A study may provide multiple estimates relevant to the exposure being considered in the table. Choice of which to include is governed by an order of preference based on one or more characteristics of the estimate. For example, for Table 1 (spouse or nearest equivalent) data for spousal exposure are chosen if available, otherwise household exposure, and failing that total exposure. Similarly, in most-adjusted analyses, adjusted RRs are used if available, otherwise RRs adjusted for age only are used (see below).

Tables 1-13 give information for spouse ETS exposure current (or nearest equivalent)
1.   Overall   - most-adjusted
2.   "   - least-adjusted
3.   By sex   - most-adjusted
4.   "   - least-adjusted
5.   By source of exposure (spouse, total, household)   - most-adjusted
     (where total includes exposure in home/at work, and cotinine)
6.   By continent   - most-adjusted
7.   By publication year (grouped)   - most-adjusted
8.   By number of stroke cases (grouped)   - most-adjusted
9.   By study type (case-control, prospective, cross-sectional)   - most-adjusted
10. By total number of confounders considered in the study (grouped) - most-adjusted
11. By stroke type 1 (fatal, non-fatal, both)   - most-adjusted
12. By stroke type 2 (stroke or CVD, subarachnoid haemorrhage, other) - most-adjusted
13. By study weaknesses   - most-adjusted

Tables 14-19 correspond to Tables 1-6 for spouse ETS exposure ever (or nearest equivalent), and similarly Tables 20-25 give information on total ETS exposure (or nearest equivalent).

Some tables are then repeated but excluding studies of silent cerebral infarction, with Tables 26-27 for spouse ETS exposure current (or nearest equivalent) (corresponding to Tables 1-2), Tables 28-29 for spouse ETS exposure ever (or nearest equivalent) (corresponding to Tables 14-15) and Tables 30-31 for total ETS exposure (or nearest equivalent) (corresponding to Tables 20-21).

For studies with results available by level of ETS dose, Tables 32-35 give information for the highest available dose, and Tables 36-39 for the lowest available dose, with Tables 32-33 (high dose) and Tables 36-37 (low dose) for spouse ETS exposure current (or nearest equivalent) corresponding to Tables 1-2. Tables for spouse exposure ever are not presented as varying the preference on time of exposure made no difference to the RRs selected. Tables 34-35 and Tables 38-39 for total ETS exposure (or nearest equivalent) correspond to Table 20-21.

The term "relative risk" (RR) is taken to include direct estimates of the relative risks from prospective studies, and indirect estimates (odds ratios) from case-control or cross-sectional studies.

"Most-adjusted" analyses are based on estimates which are adjusted for age and the greatest number of covariates for which results are available. "Least-adjusted" analyses are based on estimates adjusted for age and the least number of other covariates for which results are available. If only one relevant estimate is available for a study, then it is used in both analyses. (All studies provided estimates adjusted at least for age.)

In all tables, estimates for males and females separately are chosen if available in preference to a combined estimate. The other variables used in selecting the estimates, and their values for each estimate chosen, are shown in the output and explained in fuller detail in the footnotes to that table. For each estimate, the table may also show:
  StN   The study reference number as used in the database from which the output is produced
  Ref   The study 6-letter reference on the database
  NRR   The number of the estimate within that study on the database
  SEX   The sex of the estimate, m = male, f = female or c = combined
  ADJ   The number of adjustment factors (excluding sex) in the estimate (20 indicates adjusted for an
            unknown number of factors)

The estimates are shown in blocks according to the "factor" relevant to that table, e.g. sex for Table 3, continent for Table 6, etc. Note that these factors relate to the study as a whole, with the exception of sex, spouse the index, and stroke type, which relate to the individual estimates.

For Tables 1, 2, 14, 15, 20, 21 and 26-39, which are not subdivided by factor, a second block of output gives further
details regarding each estimate:
  Ys   = log RR
  Ws   = the weight of the study = 1/(variance Ys)
  Q   = the deviation of the study estimate from the mean = Ws (Ys - $\bar{Y}$) where $\bar{Y}$ is the mean of Ys
              (this is an approximate chisquared on 1 degree of freedom)
  P   = the two-tailed probability value.

For these tables, the output then shows the meta-analysis results, as follows:
```
  N          = number of estimates combined
  NS         = number of studies from which estimates taken
  Wt         = the sum of the individual estimate weights
  Het Chi    = heterogeneity chisquared (between estimates)
  Het df     = heterogeneity degrees of freedom
  Het P      = heterogeneity probability value, expressed as *** p<0.01;  ** p<0.01;  * p<0.05;  (*) p<0.1;
               NS p>= 0.1
  Fixed RR   = fixed-effect meta-analysis relative risk estimate
  RRl, RRu   = the corresponding lower and upper 95% confidence limits
  P          = the corresponding probability value, expressed as +++, --- p<0.001;  ++, -- P<0.01;  +, - p<0.05;
               (+), (-) p<0.1;  NS P>=0.1, with plus signs indicating significant increases and minus signs
               significant decreases
  Random RR  = random-effect meta-analysis relative risk estimated, together with corresponding confidence limits
               and probability value
  AsymmP     = the publication bias probability value based on Egger's test
```

For the other tables, this information is not only given for all the studies combined, but also by factor level.
Additionally results of heterogeneity tests for variation by factor level are shown.
```
  Between Chi = for the overall data this is the chisquared for heterogeneity, by factor level this is the
                contribution to the overall chisquared from the data for that level
  Between df  = The degrees of freedom for the test of heterogeneity between factor levels
  Between P   = Heterogeneity probability value, expressed as for Het P
```

The methods used for meta-analysis are described in Fleiss and Gross (1991), Journal of Clinical Epidemiology,
44, 127-139. Egger's test is described in Egger et al (1997), BMJ, 315, 629-634.

This document is available at www.pnlee.co.uk as download LEE2007H.pdf. The results are also summarized in
download LEE2007G.pdf (which includes references to the individaul studies).

```
                                        Table 1
         ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                                  Overall - most-adjusted


Overall

                                                    Number  Exposed     Non-exposed
    StN Ref     NRR      SEX EXP TIM TYP TY2 ADJ    Case    Cont       Case    Cont        RR        95.00%CI
    *1  GILLIS 1        m   h   x   f   v   1       -       -          -       -          0.33 (  0.04-   2.84)
    *1  GILLIS 2        f   h   x   f   v   1       -       -          -       -          1.88 (  0.22-  16.02)
     Subtotal 1                                                                          0.78 (  0.17-   3.55)
    2   LEE    2        m   s   m   n   s   2       -       -          -       -          0.84 (  0.29-   2.45)
    2   LEE    4        f   s   m   n   s   2       -       -          -       -          0.92 (  0.50-   1.68)
     Subtotal 2                                                                          0.90 (  0.53-   1.52)
    4   DONNAN 1        c   s   e   b   c   3       -       -          -       -          1.60 (  0.60-   3.90)
    *5  SANDLE 2        m   h   e   f   v   4       -       -          -       -          0.97 (  0.65-   1.46)
    *5  SANDLE 4        f   h   e   f   v   4       -       -          -       -          1.24 (  1.03-   1.49)
     Subtotal 5                                                                          1.19 (  1.00-   1.41)
    6   HOWARD 2        c   t   c   n   n   10      -       -          -       -          1.06 (  0.64-   1.75)
    7   BONITA 4        m   2   t   b   s   4       -       -          -       -          2.10 (  1.33-   3.32)
    7   BONITA 5        f   2   t   b   s   4       -       -          -       -          1.66 (  1.07-   2.57)
     Subtotal 7                                                                          1.86 (  1.35-   2.55)
    8   YOU    8        c   s   e   n   i   5       -       -          -       -          1.70 (  0.98-   2.92)
    9   IRIBA1 1        m   h   c   n   s   11      -       -          -       -          0.25 (  0.04-   0.82)
    9   IRIBA1 9        f   h   c   n   s   11      -       -          -       -          1.23 (  0.75-   1.96)
     Subtotal 9                                                                          1.06 (  0.67-   1.68)
    *10 YAMADA 2        m   t   e   f   h   1       -       -          -       -          1.13 (  0.19-   6.85)
    *10 YAMADA 1        f   t   e   f   h   1       -       -          -       -          0.94 (  0.57-   1.55)
     Subtotal 10                                                                         0.95 (  0.59-   1.54)
    11  ANDERS 7        m   h   e   b   h   8       -       -          -       -          0.50 (  0.20-   1.30)
    11  ANDERS 6        f   h   e   b   h   8       -       -          -       -          1.30 (  0.70-   2.30)
     Subtotal 11                                                                         0.99 (  0.60-   1.63)
    *12 IRIBA2 27       m   h   c   b   i   10      -       -          -       -          1.02 (  0.71-   1.48)
    *12 IRIBA2 39       f   h   c   b   i   10      -       -          -       -          1.17 (  0.92-   1.50)
     Subtotal 12                                                                         1.12 (  0.92-   1.37)
    *13 WHINCU 8        m   c   c   b   s   16      -       -          -       -          1.54 (  0.68-   3.47)
    14  MCGHEE 1        m   h   p   f   s   2       -       -          -       -          1.31 (  0.87-   1.99)
    14  MCGHEE 2        f   h   p   f   s   2       -       -          -       -          1.57 (  1.11-   2.24)
     Subtotal 14                                                                         1.46 (  1.11-   1.90)
    *15 QURESH 2        f   s   e   b   s   7       -       -          -       -          0.90 (  0.60-   1.30)
    *16 ZHANG  22       f   s   c   n   s   14      -       -          -       -          1.44 (  1.20-   1.72)
    *17 WEN    2        f   s   c   f   s   9       -       -          -       -          1.52 (  1.08-   2.15)
    *18 HILL1  1        m   h   c   f   v   2       -       -          -       -          1.59 (  1.14-   2.21)
    *18 HILL1  2        f   h   c   f   v   9       -       -          -       -          0.90 (  0.67-   1.21)
     Subtotal 18                                                                         1.16 (  0.93-   1.44)
    *19 HILL2  1        m   h   c   f   v   9       -       -          -       -          1.82 (  1.20-   2.77)
    *19 HILL2  2        f   h   c   f   v   9       -       -          -       -          1.17 (  0.76-   1.82)
     Subtotal 19                                                                         1.47 (  1.09-   1.99)
    Partial Totals                                 0       0          0       0
    *prospective study


    StN Ref     NRR      SEX EXP TIM TYP TY2 ADJ        Ys        Ws        Qs        Ps

    *1  GILLIS 1        m   h   x   f   v   1         -1.11      0.85      1.53      0.3080
    *1  GILLIS 2        f   h   x   f   v   1          0.63      0.84      0.13      0.5639
     Subtotal 1                                       -0.95      1.68      1.66
    2   LEE    2        m   s   m   n   s   2         -0.17      3.37      0.57      0.7488
    2   LEE    4        f   s   m   n   s   2         -0.08     10.46      1.07      0.7874
     Subtotal 2                                       -0.73     13.84      1.64
    4   DONNAN 1        c   s   e   b   c   3          0.47      4.39      0.24      0.3250
    *5  SANDLE 2        m   h   e   f   v   4         -0.03     23.47      1.67      0.8827
    *5  SANDLE 4        f   h   e   f   v   4          0.22    112.72      0.05      0.0224
     Subtotal 5                                       -0.29    136.18      1.72
    6   HOWARD 2        c   t   c   n   n   10         0.06     15.19      0.48      0.8204
    7   BONITA 4        m   2   t   b   s   4          0.74     18.36      4.70      0.0015
    7   BONITA 5        f   2   t   b   s   4          0.51     20.01      1.47      0.0234
     Subtotal 7                                        0.78     38.37      6.16
    8   YOU    8        c   s   e   n   i   5          0.53     12.89      1.12      0.0568
    9   IRIBA1 1        m   h   c   n   s   11        -1.39      1.68      4.43      0.0720
    9   IRIBA1 9        f   h   c   n   s   11         0.21     16.65      0.01      0.3983
     Subtotal 9                                       -1.65     18.34      4.45
    *10 YAMADA 2        m   t   e   f   h   1          0.12      1.20      0.02      0.8937
    *10 YAMADA 1        f   t   e   f   h   1         -0.06     15.35      1.36      0.8084
-----------------------------------------------------------------------------------
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
```

```
                                       Table 1
            ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                                 Overall - most-adjusted


Overall

 StN Ref    NRR      SEX EXP TIM TYP TY2 ADJ          Ys       Ws       Qs       Ps
  Subtotal 10                                        -0.41    16.55    1.38
  11  ANDERS 7       m   h   e   b   h   8           -0.69     4.39    3.79    0.1466
  11  ANDERS 6       f   h   e   b   h   8            0.26    10.86    0.01    0.3873
  Subtotal 11                                        -0.90    15.24    3.79
 *12  IRIBA2 27      m   h   c   b   i   10           0.02    28.48    1.33    0.9158
 *12  IRIBA2 39      f   h   c   b   i   10           0.16    64.30    0.40    0.2080
  Subtotal 12                                        -0.30    92.78    1.74
 *13  WHINCU 8       m   c   c   b   s   16           0.43     5.78    0.22    0.2990
  14  MCGHEE 1       m   h   p   f   s   2            0.27    22.45    0.03    0.2008
  14  MCGHEE 2       f   h   p   f   s   2            0.45    31.17    1.44    0.0118
  Subtotal 14                                         0.25    53.62    1.47
 *15  QURESH 2       f   s   e   b   s   7           -0.11    25.70    3.00    0.5932
 *16  ZHANG  22      f   s   c   n   s   14           0.36   118.56    1.96    0.0001
 *17  WEN    2       f   s   c   f   s   9            0.42    32.41    1.08    0.0171
 *18  HILL1  1       m   h   c   f   v   2            0.46    35.07    1.82    0.0060
 *18  HILL1  2       f   h   c   f   v   9           -0.11    43.98    5.13    0.4847
  Subtotal 18                                        -0.11    79.04    6.95
 *19  HILL2  1       m   h   c   f   v   9            0.60    21.96    2.89    0.0050
 *19  HILL2  2       f   h   c   f   v   9            0.16    20.15    0.13    0.4810
  Subtotal 19                                         0.28    42.11    3.01

Relative risks


                          N       29
                          NS      18


                          Wt   722.68
                    Het Chi    42.06
                    Het  df       28
                    Het  P        *
                    Fixed  RR    1.27
                          RRl    1.18
                          RRu    1.36
                           P     +++
                    Random RR    1.25
                          RRl    1.13
                          RRu    1.38
                           P     +++
                    Asymm  P     N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 2
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 (	0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 (	0.22- 16.02)
Subtotal 1													0.78 (	0.17- 3.55)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 (	0.29- 2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 (	0.50- 1.68)
Subtotal 2													0.90 (	0.53- 1.52)
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 (	0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 (	0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 (	1.03- 1.49)
Subtotal 5													1.19 (	1.00- 1.41)
6	HOWARD	1	c	t	c	n	n	2	-	-	-	-	1.03 (	0.63- 1.67)
7	BONITA	1	m	2	t	b	s	1	-	-	-	-	2.06 (	1.34- 3.17)
7	BONITA	2	f	2	t	b	s	1	-	-	-	-	1.50 (	1.01- 2.21)
Subtotal 7													1.73 (	1.30- 2.31)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 (	0.98- 2.92)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25 (	0.04- 0.82)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23 (	0.75- 1.96)
Subtotal 9													1.06 (	0.67- 1.68)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 (	0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 (	0.57- 1.55)
Subtotal 10													0.95 (	0.59- 1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 (	0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 (	0.70- 2.30)
Subtotal 11													0.99 (	0.60- 1.63)
*12	IRIBA2	3	m	h	c	b	i	1	-	-	-	-	1.12 (	0.78- 1.60)
*12	IRIBA2	15	f	h	c	b	i	1	-	-	-	-	1.23 (	0.97- 1.57)
Subtotal 12													1.19 (	0.98- 1.46)
*13	WHINCU	4	m	c	c	b	s	2	-	-	-	-	0.96 (	0.49- 1.89)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 (	0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 (	1.11- 2.24)
Subtotal 14													1.46 (	1.11- 1.90)
*15	QURESH	1	f	s	e	b	s	1	-	-	-	-	0.90 (	0.60- 1.40)
*16	ZHANG	33	f	s	c	n	s	1	-	-	-	-	1.46 (	1.23- 1.72)
*17	WEN	2	f	s	c	f	s	9	-	-	-	-	1.52 (	1.08- 2.15)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 (	1.14- 2.21)
*18	HILL1	3	f	h	c	f	v	2	-	-	-	-	0.88 (	0.66- 1.17)
Subtotal 18													1.13 (	0.91- 1.41)
*19	HILL2	3	m	h	c	f	v	2	-	-	-	-	1.91 (	1.23- 2.96)
*19	HILL2	4	f	h	c	f	v	2	-	-	-	-	1.16 (	0.75- 1.79)
Subtotal 19													1.48 (	1.09- 2.02)
Partial Totals									0	0	0	0		

*prospective study

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.54	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.13	0.5639
Subtotal 1									-0.96	1.68	1.67	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.59	0.7488
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	1.11	0.7874
Subtotal 2									-0.74	13.84	1.70	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.23	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.75	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.09	0.0224
Subtotal 5									-0.30	136.18	1.83	
6	HOWARD	1	c	t	c	n	n	2	0.03	16.17	0.73	0.9054
7	BONITA	1	m	2	t	b	s	1	0.72	20.72	4.78	0.0010
7	BONITA	2	f	2	t	b	s	1	0.41	25.06	0.66	0.0424
Subtotal 7									0.64	45.78	5.44	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.07	0.0568
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.47	0.0720
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.02	0.3983
Subtotal 9									-1.66	18.34	4.49	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.02	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.42	0.8084

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                         Table 2
          ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                                   Overall - least-adjusted


Overall

  StN Ref     NRR     SEX EXP TIM TYP TY2 ADJ        Ys      Ws      Qs      Ps
   Subtotal 10                                     -0.42   16.55    1.44
   11  ANDERS 7       m   h   e   b   h   8        -0.69    4.39    3.84   0.1466
   11  ANDERS 6       f   h   e   b   h   8         0.26   10.86    0.00   0.3873
   Subtotal 11                                     -0.92   15.24    3.84
  *12  IRIBA2 3       m   h   c   b   i   1         0.11   29.77    0.50   0.5364
  *12  IRIBA2 15      f   h   c   b   i   1         0.21   66.27    0.08   0.0920
   Subtotal 12                                     -0.16   96.04    0.58
  *13  WHINCU 4       m   c   c   b   s   2        -0.04    8.43    0.68   0.9056
   14  MCGHEE 1       m   h   p   f   s   2         0.27   22.45    0.02   0.2008
   14  MCGHEE 2       f   h   p   f   s   2         0.45   31.17    1.35   0.0118
   Subtotal 14                                      0.24   53.62    1.37
  *15  QURESH 1       f   s   e   b   s   1        -0.11   21.40    2.59   0.6259
  *16  ZHANG  33      f   s   c   n   s   1         0.38  136.67    2.52   0.0000
  *17  WEN    2       f   s   c   f   s   9         0.42   32.41    1.01   0.0171
  *18  HILL1  1       m   h   c   f   v   2         0.46   35.07    1.71   0.0060
  *18  HILL1  3       f   h   c   f   v   2        -0.13   46.88    6.43   0.3814
   Subtotal 18                                     -0.15   81.94    8.15
  *19  HILL2  3       m   h   c   f   v   2         0.65   19.92    3.26   0.0039
  *19  HILL2  4       f   h   c   f   v   2         0.15   20.31    0.18   0.5036
   Subtotal 19                                      0.31   40.23    3.44

Relative risks


                             N      29
                             NS     18


                             Wt  751.80
                        Het Chi   42.79
                        Het  df      28
                        Het  P        *
                        Fixed RR   1.27
                             RRl    1.19
                             RRu    1.37
                             P      +++
                        Random RR   1.25
                             RRl    1.13
                             RRu    1.38
                             P      +++
                        Asymm P     (*)
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 3
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
By sex - most-adjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 (	0.60- 3.90)
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06 (	0.64- 1.75)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 (	0.98- 2.92)
Partial Totals									0	0	0	0		

*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 (	0.04- 2.84)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 (	0.29- 2.45)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 (	0.65- 1.46)
7	BONITA	4	m	2	t	b	s	4	-	-	-	-	2.10 (	1.33- 3.32)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25 (	0.04- 0.82)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 (	0.19- 6.85)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 (	0.20- 1.30)
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02 (	0.71- 1.48)
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54 (	0.68- 3.47)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 (	0.87- 1.99)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 (	1.14- 2.21)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82 (	1.20- 2.77)
Partial Totals									0	0	0	0		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 (	0.22- 16.02)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 (	0.50- 1.68)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 (	1.03- 1.49)
7	BONITA	5	f	2	t	b	s	4	-	-	-	-	1.66 (	1.07- 2.57)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23 (	0.75- 1.96)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 (	0.57- 1.55)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 (	0.70- 2.30)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17 (	0.92- 1.50)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 (	1.11- 2.24)
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90 (	0.60- 1.30)
*16	ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44 (	1.20- 1.72)
*17	WEN	2	f	s	c	f	s	9	-	-	-	-	1.52 (	1.08- 2.15)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90 (	0.67- 1.21)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17 (	0.76- 1.82)
Partial Totals									0	0	0	0		

*prospective study

		combined	male	female	Total
Relative risks					
	N	3	12	14	29
	NS	3	12	14	29
	Wt	32.46	167.05	523.17	722.68
Het	Chi	1.70	22.82	17.13	42.06
Het	df	2	11	13	28
Het	P	N.S.	*	N.S.	*
Fixed	RR	1.35	1.31	1.25	1.27
	RRl	0.96	1.12	1.15	1.18
	RRu	1.91	1.52	1.36	1.36
	P	(+)	+++	+++	+++
Random	RR	1.35	1.23	1.23	1.25
	RRl	0.96	0.95	1.11	1.13
	RRu	1.91	1.57	1.37	1.38

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                        Table 3
              ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                                      By sex - most-adjusted

                            combined        male        female         Total


Relative risks
                          P        (+)      N.S.          +++           +++
                  Asymm   P       N.S.      (*)          N.S.          N.S.
                  Between Chi                0.03         0.19          0.41
                  Between df                  1            1             2
                  Between P                  N.S.         N.S.          N.S.
```

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--------------------------------------------------------------------------------------
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
```

Table 4
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
By sex - least-adjusted

combined

StN	Ref	NRR		SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
4	DONNAN	1		c	s	e	b	c	3	-	-	-	-	1.60 (	0.60- 3.90)
6	HOWARD	1		c	t	c	n	n	2	-	-	-	-	1.03 (	0.63- 1.67)
8	YOU	8		c	s	e	n	i	5	-	-	-	-	1.70 (	0.98- 2.92)
Partial Totals										0	0	0	0		

*prospective study

male

StN	Ref	NRR		SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	1		m	h	x	f	v	1	-	-	-	-	0.33 (	0.04- 2.84)
2	LEE	2		m	s	m	n	s	2	-	-	-	-	0.84 (	0.29- 2.45)
*5	SANDLE	2		m	h	e	f	v	4	-	-	-	-	0.97 (	0.65- 1.46)
7	BONITA	1		m	2	t	b	s	1	-	-	-	-	2.06 (	1.34- 3.17)
9	IRIBA1	1		m	h	c	n	s	11	-	-	-	-	0.25 (	0.04- 0.82)
*10	YAMADA	2		m	t	e	f	h	1	-	-	-	-	1.13 (	0.19- 6.85)
11	ANDERS	7		m	h	e	b	h	8	-	-	-	-	0.50 (	0.20- 1.30)
*12	IRIBA2	3		m	h	c	b	i	1	-	-	-	-	1.12 (	0.78- 1.60)
*13	WHINCU	4		m	c	c	b	s	2	-	-	-	-	0.96 (	0.49- 1.89)
14	MCGHEE	1		m	h	p	f	s	2	-	-	-	-	1.31 (	0.87- 1.99)
*18	HILL1	1		m	h	c	f	v	2	-	-	-	-	1.59 (	1.14- 2.21)
*19	HILL2	3		m	h	c	f	v	2	-	-	-	-	1.91 (	1.23- 2.96)
Partial Totals										0	0	0	0		

*prospective study

female

StN	Ref	NRR		SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	2		f	h	x	f	v	1	-	-	-	-	1.88 (	0.22- 16.02)
2	LEE	4		f	s	m	n	s	2	-	-	-	-	0.92 (	0.50- 1.68)
*5	SANDLE	4		f	h	e	f	v	4	-	-	-	-	1.24 (	1.03- 1.49)
7	BONITA	2		f	2	t	b	s	1	-	-	-	-	1.50 (	1.01- 2.21)
9	IRIBA1	9		f	h	c	n	s	11	-	-	-	-	1.23 (	0.75- 1.96)
*10	YAMADA	1		f	t	e	f	h	1	-	-	-	-	0.94 (	0.57- 1.55)
11	ANDERS	6		f	h	e	b	h	8	-	-	-	-	1.30 (	0.70- 2.30)
*12	IRIBA2	15		f	h	c	b	i	1	-	-	-	-	1.23 (	0.97- 1.57)
14	MCGHEE	2		f	h	p	f	s	2	-	-	-	-	1.57 (	1.11- 2.24)
*15	QURESH	1		f	s	e	b	s	1	-	-	-	-	0.90 (	0.60- 1.40)
*16	ZHANG	33		f	s	c	n	s	1	-	-	-	-	1.46 (	1.23- 1.72)
*17	WEN	2		f	s	c	f	s	9	-	-	-	-	1.52 (	1.08- 2.15)
*18	HILL1	3		f	h	c	f	v	2	-	-	-	-	0.88 (	0.66- 1.17)
*19	HILL2	4		f	h	c	f	v	2	-	-	-	-	1.16 (	0.75- 1.79)
Partial Totals										0	0	0	0		

*prospective study

Relative risks

	combined	male	female	Total
N	3	12	14	29
NS	3	12	14	29
Wt	33.45	171.31	547.05	751.80
Het Chi	1.98	23.05	17.55	42.79
Het df	2	11	13	28
Het P	N.S.	*	N.S.	*
Fixed RR	1.32	1.31	1.26	1.27
RRl	0.94	1.12	1.16	1.19
RRu	1.86	1.52	1.37	1.37
P	N.S.	+++	+++	+++
Random RR	1.32	1.21	1.24	1.25
RRl	0.94	0.94	1.11	1.13
RRu	1.86	1.54	1.38	1.38

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                                    Table 4
                   ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                                              By sex - least-adjusted

                              combined         male         female         Total


Relative risks
                          P      N.S.          N.S.          +++            +++
                 Asymm  P        N.S.           *            N.S.           (*)
                Between Chi                    0.00          0.07           0.21
                Between  df                      1             1              2
                Between  P                     N.S.          N.S.          N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                            Table 5
                ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                                By source of exposure - most-adjusted


spouse

                                                     Number Exposed  Non-exposed
   StN Ref    NRR      SEX EXP TIM TYP TY2 ADJ       Case   Cont     Case  Cont      RR        95.00%CI
    2  LEE    2        m   s   m   n   s   2         -      -        -     -         0.84 (  0.29-   2.45)
    2  LEE    4        f   s   m   n   s   2         -      -        -     -         0.92 (  0.50-   1.68)
    Subtotal 2                                                                      0.90 (  0.53-   1.52)
    4  DONNAN 1        c   s   e   b   c   3         -      -        -     -         1.60 (  0.60-   3.90)
    8  YOU    8        c   s   e   n   i   5         -      -        -     -         1.70 (  0.98-   2.92)
  *15  QURESH 2        f   s   e   b   s   7         -      -        -     -         0.90 (  0.60-   1.30)
  *16  ZHANG  22       f   s   c   n   s   14        -      -        -     -         1.44 (  1.20-   1.72)
  *17  WEN    2        f   s   c   f   s   9         -      -        -     -         1.52 (  1.08-   2.15)
  Partial Totals                                     0      0        0     0
  *prospective study


total

                                                     Number Exposed  Non-exposed
   StN Ref    NRR      SEX EXP TIM TYP TY2 ADJ       Case   Cont     Case  Cont      RR        95.00%CI

    6  HOWARD 2        c   t   c   n   n   10        -      -        -     -         1.06 (  0.64-   1.75)
    7  BONITA 4        m   2   t   b   s   4         -      -        -     -         2.10 (  1.33-   3.32)
    7  BONITA 5        f   2   t   b   s   4         -      -        -     -         1.66 (  1.07-   2.57)
    Subtotal 7                                                                      1.58 (  1.21-   2.07)
  *10  YAMADA 2        m   t   e   f   h   1         -      -        -     -         1.13 (  0.19-   6.85)
  *10  YAMADA 1        f   t   e   f   h   1         -      -        -     -         0.94 (  0.57-   1.55)
    Subtotal 10                                                                     0.95 (  0.59-   1.54)
  *13  WHINCU 8        m   c   c   b   s   16        -      -        -     -         1.54 (  0.68-   3.47)
  Partial Totals                                     0      0        0     0
  *prospective study


househ

                                                     Number Exposed  Non-exposed
   StN Ref    NRR      SEX EXP TIM TYP TY2 ADJ       Case   Cont     Case  Cont      RR        95.00%CI

   *1  GILLIS 1        m   h   x   f   v   1         -      -        -     -         0.33 (  0.04-   2.84)
   *1  GILLIS 2        f   h   x   f   v   1         -      -        -     -         1.88 (  0.22-  16.02)
    Subtotal 1                                                                      0.78 (  0.17-   3.55)
   *5  SANDLE 2        m   h   e   f   v   4         -      -        -     -         0.97 (  0.65-   1.46)
   *5  SANDLE 4        f   h   e   f   v   4         -      -        -     -         1.24 (  1.03-   1.49)
    Subtotal 5                                                                      1.19 (  1.00-   1.41)
    9  IRIBA1 1        m   h   c   n   s   11        -      -        -     -         0.25 (  0.04-   0.82)
    9  IRIBA1 9        f   h   c   n   s   11        -      -        -     -         1.23 (  0.75-   1.96)
    Subtotal 9                                                                      1.06 (  0.67-   1.68)
   11  ANDERS 7        m   h   e   b   h   8         -      -        -     -         0.50 (  0.20-   1.30)
   11  ANDERS 6        f   h   e   b   h   8         -      -        -     -         1.30 (  0.70-   2.30)
    Subtotal 11                                                                     0.99 (  0.60-   1.63)
  *12  IRIBA2 27       m   h   c   b   i   10        -      -        -     -         1.02 (  0.71-   1.48)
  *12  IRIBA2 39       f   h   c   b   i   10        -      -        -     -         1.17 (  0.92-   1.50)
    Subtotal 12                                                                     1.12 (  0.92-   1.37)
   14  MCGHEE 1        m   h   p   f   s   2         -      -        -     -         1.31 (  0.87-   1.99)
   14  MCGHEE 2        f   h   p   f   s   2         -      -        -     -         1.57 (  1.11-   2.24)
    Subtotal 14                                                                     1.46 (  1.11-   1.90)
  *18  HILL1  1        m   h   c   f   v   2         -      -        -     -         1.59 (  1.14-   2.21)
  *18  HILL1  2        f   h   c   f   v   9         -      -        -     -         0.90 (  0.67-   1.21)
    Subtotal 18                                                                     1.16 (  0.93-   1.44)
  *19  HILL2  1        m   h   c   f   v   9         -      -        -     -         1.82 (  1.20-   2.77)
  *19  HILL2  2        f   h   c   f   v   9         -      -        -     -         1.17 (  0.76-   1.82)
    Subtotal 19                                                                     1.47 (  1.09-   1.99)
  Partial Totals                                     0      0        0     0
  *prospective study
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                      Table 5
          ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                             By source of exposure - most-adjusted

                                spouse        total        househ         Total


Relative risks


                     N              7            6            16            29
                     NS             6            4             8            18


                     Wt        207.79        75.90        438.99        722.68
           Het  Chi             8.28          7.31         23.79         42.06
           Het  df                6            5            15            28
           Het  P             N.S.          N.S.           (*)            *
           Fixed RR           1.34          1.41          1.21          1.27
                 RRl          1.17          1.13          1.10          1.18
                 RRu          1.54          1.77          1.33          1.36
                 P            +++            ++           +++           +++
           Random RR          1.30          1.40          1.20          1.25
                  RRl         1.07          1.05          1.05          1.13
                  RRu         1.57          1.86          1.37          1.38
                  P            ++            +            ++           +++
           Asymm P           N.S.          N.S.          N.S.          N.S.
           Between Chi                      0.14          1.63          2.68
           Between df                          1             1             2
           Between P                       N.S.          N.S.          N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 6
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
By continent - most-adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 (	0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 (	1.03- 1.49)
Subtotal 5													1.19 (	1.00- 1.41)
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06 (	0.64- 1.75)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25 (	0.04- 0.82)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23 (	0.75- 1.96)
Subtotal 9													1.06 (	0.67- 1.68)
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02 (	0.71- 1.48)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17 (	0.92- 1.50)
Subtotal 12													1.12 (	0.92- 1.37)
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90 (	0.60- 1.30)
Partial Totals									0	0	0	0		

*prospective study

Europe

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 (	0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 (	0.22- 16.02)
Subtotal 1													0.78 (	0.17- 3.55)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 (	0.29- 2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 (	0.50- 1.68)
Subtotal 2													0.90 (	0.53- 1.52)
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54 (	0.68- 3.47)
Partial Totals									0	0	0	0		

*prospective study

Asia

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 (	0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 (	0.57- 1.55)
Subtotal 10													0.95 (	0.59- 1.54)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 (	0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 (	1.11- 2.24)
Subtotal 14													1.46 (	1.11- 1.90)
*16	ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44 (	1.20- 1.72)
*17	WEN	2	f	s	c	f	s	9	-	-	-	-	1.52 (	1.08- 2.15)
Partial Totals									0	0	0	0		

*prospective study

Other

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 (	0.60- 3.90)
7	BONITA	4	m	2	t	b	s	4	-	-	-	-	2.10 (	1.33- 3.32)
7	BONITA	5	f	2	t	b	s	4	-	-	-	-	1.66 (	1.07- 2.57)
Subtotal 7													1.83 (	1.36- 2.47)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 (	0.98- 2.92)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 (	0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 (	0.70- 2.30)
Subtotal 11													0.99 (	0.60- 1.63)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 (	1.14- 2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90 (	0.67- 1.21)
Subtotal 18													1.16 (	0.93- 1.44)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82 (	1.20- 2.77)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17 (	0.76- 1.82)
Subtotal 19													1.47 (	1.09- 1.99)
Partial Totals									0	0	0	0		

*prospective study

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

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                                              Table 6
           ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                                    By continent - most-adjusted

                       NAmerica        Europe          Asia          Other          Total


Relative risks


                  N          8             5             6             10             29
                 NS          5             3             4              6             18


                 Wt     288.19         21.30        221.14         192.05         722.68
        Het  Chi       7.23          2.61          3.30          20.09          42.06
        Het  df           7             4             5              9             28
        Het  P        N.S.          N.S.          N.S.             *              *
        Fixed  RR      1.12          1.03          1.41           1.37           1.27
               RRl      1.00          0.67          1.24           1.19           1.18
               RRu      1.26          1.57          1.61           1.58           1.36
                 P         +          N.S.           +++            +++            +++
        Random  RR     1.12          1.03          1.41           1.40           1.25
               RRl      0.99          0.67          1.24           1.12           1.13
               RRu      1.26          1.57          1.61           1.75           1.38
                 P        (+)         N.S.           +++             ++            +++
        Asymm  P          *          N.S.          N.S.           N.S.           N.S.
        Between Chi                   0.15          6.51           4.54           8.82
        Between df                       1             1              1              3
        Between P                    N.S.            +              +              *




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Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
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                                          Table 7
         ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                             By publication year (grouped) - most-adjusted


1984-89

                                                    Number Exposed  Non-exposed
 StN Ref     NRR      SEX EXP TIM TYP TY2 ADJ       Case   Cont    Case   Cont      RR      95.00%CI
 *1   GILLIS 1        m   h   x   f   v   1          -      -       -      -       0.33 (  0.04-   2.84)
 *1   GILLIS 2        f   h   x   f   v   1          -      -       -      -       1.88 (  0.22-  16.02)
  Subtotal 1                                                                      0.78 (  0.17-   3.55)
 2    LEE    2        m   s   m   n   s   2          -      -       -      -       0.84 (  0.29-   2.45)
 2    LEE    4        f   s   m   n   s   2          -      -       -      -       0.92 (  0.50-   1.68)
  Subtotal 2                                                                      0.90 (  0.53-   1.52)
 4    DONNAN 1        c   s   e   b   c   3          -      -       -      -       1.60 (  0.60-   3.90)
 *5   SANDLE 2        m   h   e   f   v   4          -      -       -      -       0.97 (  0.65-   1.46)
 *5   SANDLE 4        f   h   e   f   v   4          -      -       -      -       1.24 (  1.03-   1.49)
  Subtotal 5                                                                      1.19 (  1.00-   1.41)
 Partial Totals                                     0      0       0      0
 *prospective study


1990-99

                                                    Number Exposed  Non-exposed
 StN Ref     NRR      SEX EXP TIM TYP TY2 ADJ       Case   Cont    Case   Cont      RR      95.00%CI

 6    HOWARD 2        c   t   c   n   n   10         -      -       -      -       1.06 (  0.64-   1.75)
 7    BONITA 4        m   2   t   b   s   4          -      -       -      -       2.10 (  1.33-   3.32)
 7    BONITA 5        f   2   t   b   s   4          -      -       -      -       1.66 (  1.07-   2.57)
  Subtotal 7                                                                      1.58 (  1.21-   2.07)
 8    YOU    8        c   s   e   n   i   5          -      -       -      -       1.70 (  0.98-   2.92)
 Partial Totals                                     0      0       0      0
 *prospective study


2000-04

                                                    Number Exposed  Non-exposed
 StN Ref     NRR      SEX EXP TIM TYP TY2 ADJ       Case   Cont    Case   Cont      RR      95.00%CI

 9    IRIBA1 1        m   h   c   n   s   11         -      -       -      -       0.25 (  0.04-   0.82)
 9    IRIBA1 9        f   h   c   n   s   11         -      -       -      -       1.23 (  0.75-   1.96)
  Subtotal 9                                                                      1.06 (  0.67-   1.68)
 *10  YAMADA 2        m   t   e   f   h   1          -      -       -      -       1.13 (  0.19-   6.85)
 *10  YAMADA 1        f   t   e   f   h   1          -      -       -      -       0.94 (  0.57-   1.55)
  Subtotal 10                                                                     0.95 (  0.59-   1.54)
 11   ANDERS 7        m   h   e   b   h   8          -      -       -      -       0.50 (  0.20-   1.30)
 11   ANDERS 6        f   h   e   b   h   8          -      -       -      -       1.30 (  0.70-   2.30)
  Subtotal 11                                                                     0.99 (  0.60-   1.63)
 *12  IRIBA2 27       m   h   c   b   i   10         -      -       -      -       1.02 (  0.71-   1.48)
 *12  IRIBA2 39       f   h   c   b   i   10         -      -       -      -       1.17 (  0.92-   1.50)
  Subtotal 12                                                                     1.12 (  0.92-   1.37)
 *13  WHINCU 8        m   c   c   b   s   16         -      -       -      -       1.54 (  0.68-   3.47)
 Partial Totals                                     0      0       0      0
 *prospective study


2005-07

                                                    Number Exposed  Non-exposed
 StN Ref     NRR      SEX EXP TIM TYP TY2 ADJ       Case   Cont    Case   Cont      RR      95.00%CI

 14   MCGHEE 1        m   h   p   f   s   2          -      -       -      -       1.31 (  0.87-   1.99)
 14   MCGHEE 2        f   h   p   f   s   2          -      -       -      -       1.57 (  1.11-   2.24)
  Subtotal 14                                                                     1.46 (  1.11-   1.90)
 *15  QURESH 2        f   s   e   b   s   7          -      -       -      -       0.90 (  0.60-   1.30)
 *16  ZHANG  22       f   s   c   n   s   14         -      -       -      -       1.44 (  1.20-   1.72)
 *17  WEN    2        f   s   c   f   s   9          -      -       -      -       1.52 (  1.08-   2.15)
 *18  HILL1  1        m   h   c   f   v   2          -      -       -      -       1.59 (  1.14-   2.21)
 *18  HILL1  2        f   h   c   f   v   9          -      -       -      -       0.90 (  0.67-   1.21)
  Subtotal 18                                                                     1.16 (  0.93-   1.44)
 *19  HILL2  1        m   h   c   f   v   9          -      -       -      -       1.82 (  1.20-   2.77)
 *19  HILL2  2        f   h   c   f   v   9          -      -       -      -       1.17 (  0.76-   1.82)
  Subtotal 19                                                                     1.47 (  1.09-   1.99)
 Partial Totals                                     0      0       0      0
 *prospective study


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Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
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                                          Table 7
          ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                           By publication year (grouped) - most-adjusted

                         1984-89      1990-99      2000-04      2005-07       Total


Relative risks


                   N         7            4            9            9           29
                   NS        4            3            5            6           18


                   Wt    156.09        66.45       148.69       351.45       722.68
         Het  Chi    4.15         4.01         8.37        16.42        42.06
         Het  df        6            3            8            8           28
         Het  P       N.S.         N.S.         N.S.           *            *
         Fixed  RR    1.16         1.61         1.09         1.34         1.27
              RRl    1.00         1.26         0.93         1.20         1.18
              RRu    1.36         2.04         1.28         1.48         1.36
              P       (+)         +++          N.S.         +++          +++
         Random  RR   1.16         1.60         1.09         1.32         1.25
              RRl    1.00         1.21         0.92         1.13         1.13
              RRu    1.36         2.11         1.29         1.55         1.38
              P       (+)         +++          N.S.         +++          +++
         Asymm  P    N.S.         N.S.         N.S.         N.S.         N.S.
         Between Chi               4.83         0.30         2.08         9.11
         Between df                  1            1            1            3
         Between P                   +          N.S.         N.S.           *
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

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                                            Table 8
             ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                            By number of stroke cases (grouped) - most-adjusted


1-199
                                                        Number Exposed  Non-exposed
   StN Ref     NRR      SEX EXP TIM TYP TY2 ADJ         Case   Cont    Case   Cont      RR        95.00%CI
   *1   GILLIS 1        m   h   x   f   v   1            -      -       -      -         0.33 (  0.04-   2.84)
   *1   GILLIS 2        f   h   x   f   v   1            -      -       -      -         1.88 (  0.22-  16.02)
    Subtotal 1                                                                          0.78 (  0.17-   3.55)
    2   LEE    2        m   s   m   n   s   2            -      -       -      -         0.84 (  0.29-   2.45)
    2   LEE    4        f   s   m   n   s   2            -      -       -      -         0.92 (  0.50-   1.68)
    Subtotal 2                                                                          0.90 (  0.53-   1.52)
    4   DONNAN 1        c   s   e   b   c   3            -      -       -      -         1.60 (  0.60-   3.90)
    6   HOWARD 2        c   t   c   n   n   10           -      -       -      -         1.06 (  0.64-   1.75)
    8   YOU    8        c   s   e   n   i   5            -      -       -      -         1.70 (  0.98-   2.92)
    9   IRIBA1 1        m   h   c   n   s   11           -      -       -      -         0.25 (  0.04-   0.82)
    9   IRIBA1 9        f   h   c   n   s   11           -      -       -      -         1.23 (  0.75-   1.96)
    Subtotal 9                                                                          1.06 (  0.67-   1.68)
   *10  YAMADA 2        m   t   e   f   h   1            -      -       -      -         1.13 (  0.19-   6.85)
   *10  YAMADA 1        f   t   e   f   h   1            -      -       -      -         0.94 (  0.57-   1.55)
    Subtotal 10                                                                         0.95 (  0.59-   1.54)
   11   ANDERS 7        m   h   e   b   h   8            -      -       -      -         0.50 (  0.20-   1.30)
   11   ANDERS 6        f   h   e   b   h   8            -      -       -      -         1.30 (  0.70-   2.30)
    Subtotal 11                                                                         0.99 (  0.60-   1.63)
   *13  WHINCU 8        m   c   c   b   s   16           -      -       -      -         1.54 (  0.68-   3.47)
   *15  QURESH 2        f   s   e   b   s   7            -      -       -      -         0.90 (  0.60-   1.30)
   *17  WEN    2        f   s   c   f   s   9            -      -       -      -         1.52 (  1.08-   2.15)
   Partial Totals                                       0      0       0      0
   *prospective study

200+
                                                        Number Exposed  Non-exposed
   StN Ref     NRR      SEX EXP TIM TYP TY2 ADJ         Case   Cont    Case   Cont      RR        95.00%CI

   *5   SANDLE 2        m   h   e   f   v   4            -      -       -      -         0.97 (  0.65-   1.46)
   *5   SANDLE 4        f   h   e   f   v   4            -      -       -      -         1.24 (  1.03-   1.49)
    Subtotal 5                                                                          1.19 (  1.00-   1.41)
    7   BONITA 4        m   2   t   b   s   4            -      -       -      -         2.10 (  1.33-   3.32)
    7   BONITA 5        f   2   t   b   s   4            -      -       -      -         1.66 (  1.07-   2.57)
    Subtotal 7                                                                          1.86 (  1.35-   2.55)
   *12  IRIBA2 27       m   h   c   b   i   10           -      -       -      -         1.02 (  0.71-   1.48)
   *12  IRIBA2 39       f   h   c   b   i   10           -      -       -      -         1.17 (  0.92-   1.50)
    Subtotal 12                                                                         1.12 (  0.92-   1.37)
   14   MCGHEE 1        m   h   p   f   s   2            -      -       -      -         1.31 (  0.87-   1.99)
   14   MCGHEE 2        f   h   p   f   s   2            -      -       -      -         1.57 (  1.11-   2.24)
    Subtotal 14                                                                         1.46 (  1.11-   1.90)
   *16  ZHANG  22       f   s   c   n   s   14           -      -       -      -         1.44 (  1.20-   1.72)
   *18  HILL1  1        m   h   c   f   v   2            -      -       -      -         1.59 (  1.14-   2.21)
   *18  HILL1  2        f   h   c   f   v   9            -      -       -      -         0.90 (  0.67-   1.21)
    Subtotal 18                                                                         1.16 (  0.93-   1.44)
   *19  HILL2  1        m   h   c   f   v   9            -      -       -      -         1.82 (  1.20-   2.77)
   *19  HILL2  2        f   h   c   f   v   9            -      -       -      -         1.17 (  0.76-   1.82)
    Subtotal 19                                                                         1.47 (  1.09-   1.99)
   Partial Totals                                       0      0       0      0
   *prospective study
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Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                                 Table 8
                  ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                                 By number of stroke cases (grouped) - most-adjusted

                               1-199           200+            Total


Relative risks


                    N           16             13               29
                    NS          11              7               18


                    Wt       162.01         560.67           722.68
              Het  Chi        17.30          22.49            42.06
              Het  df            15             12               28
              Het  P          N.S.              *                *
              Fixed RR         1.14           1.31             1.27
                    RRl        0.98           1.20             1.18
                    RRu        1.33           1.42             1.36
                    P          (+)            +++              +++
              Random RR        1.13           1.31             1.25
                    RRl        0.95           1.16             1.13
                    RRu        1.34           1.48             1.38
                    P          N.S.           +++              +++
              Asymm P          N.S.           N.S.             N.S.
              Between Chi                     2.26             2.26
              Between df                         1                1
              Between P                       N.S.             N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 9
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
By study type - most-adjusted

case-control

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI	
2	LEE	2	m	s	m	n	s	2	–	–	–	–	0.84 (	0.29–	2.45)
2	LEE	4	f	s	m	n	s	2	–	–	–	–	0.92 (	0.50–	1.68)
Subtotal 2													0.90 (	0.53–	1.52)
4	DONNAN	1	c	s	e	b	c	3	–	–	–	–	1.60 (	0.60–	3.90)
7	BONITA	4	m	2	t	b	s	4	–	–	–	–	2.10 (	1.33–	3.32)
7	BONITA	5	f	2	t	b	s	4	–	–	–	–	1.66 (	1.07–	2.57)
Subtotal 7													1.86 (	1.35–	2.55)
8	YOU	8	c	s	e	n	i	5	–	–	–	–	1.70 (	0.98–	2.92)
11	ANDERS	7	m	h	e	b	h	8	–	–	–	–	0.50 (	0.20–	1.30)
11	ANDERS	6	f	h	e	b	h	8	–	–	–	–	1.30 (	0.70–	2.30)
Subtotal 11													0.99 (	0.60–	1.63)
14	MCGHEE	1	m	h	p	f	s	2	–	–	–	–	1.31 (	0.87–	1.99)
14	MCGHEE	2	f	h	p	f	s	2	–	–	–	–	1.57 (	1.11–	2.24)
Subtotal 14													1.46 (	1.11–	1.90)
Partial Totals									0	0	0	0			
*prospective study															

prospective

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI	
*1	GILLIS	1	m	h	x	f	v	1	–	–	–	–	0.33 (	0.04–	2.84)
*1	GILLIS	2	f	h	x	f	v	1	–	–	–	–	1.88 (	0.22–	16.02)
Subtotal 1													0.78 (	0.17–	3.55)
*5	SANDLE	2	m	h	e	f	v	4	–	–	–	–	0.97 (	0.65–	1.46)
*5	SANDLE	4	f	h	e	f	v	4	–	–	–	–	1.24 (	1.03–	1.49)
Subtotal 5													1.19 (	1.00–	1.41)
*10	YAMADA	2	m	t	e	f	h	1	–	–	–	–	1.13 (	0.19–	6.85)
*10	YAMADA	1	f	t	e	f	h	1	–	–	–	–	0.94 (	0.57–	1.55)
Subtotal 10													0.95 (	0.59–	1.54)
*12	IRIBA2	27	m	h	c	b	i	10	–	–	–	–	1.02 (	0.71–	1.48)
*12	IRIBA2	39	f	h	c	b	i	10	–	–	–	–	1.17 (	0.92–	1.50)
Subtotal 12													1.12 (	0.92–	1.37)
*13	WHINCU	8	m	c	c	b	s	16	–	–	–	–	1.54 (	0.68–	3.47)
*15	QURESH	2	f	s	e	b	s	7	–	–	–	–	0.90 (	0.60–	1.30)
*17	WEN	2	f	s	c	f	s	9	–	–	–	–	1.52 (	1.08–	2.15)
*18	HILL1	1	m	h	c	f	v	2	–	–	–	–	1.59 (	1.14–	2.21)
*18	HILL1	2	f	h	c	f	v	9	–	–	–	–	0.90 (	0.67–	1.21)
Subtotal 18													1.16 (	0.93–	1.44)
*19	HILL2	1	m	h	c	f	v	9	–	–	–	–	1.82 (	1.20–	2.77)
*19	HILL2	2	f	h	c	f	v	9	–	–	–	–	1.17 (	0.76–	1.82)
Subtotal 19													1.47 (	1.09–	1.99)
Partial Totals									0	0	0	0			
*prospective study															

cross-sectional

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI	
6	HOWARD	2	c	t	c	n	n	10	–	–	–	–	1.06 (	0.64–	1.75)
9	IRIBA1	1	m	h	c	n	s	11	–	–	–	–	0.25 (	0.04–	0.82)
9	IRIBA1	9	f	h	c	n	s	11	–	–	–	–	1.23 (	0.75–	1.96)
Subtotal 9													1.06 (	0.76–	1.49)
*16	ZHANG	22	f	s	c	n	s	14	–	–	–	–	1.44 (	1.20–	1.72)
Partial Totals									0	0	0	0			
*prospective study															

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 9
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
By study type - most-adjusted

		case-cont	prospecti	cross-sec	Total
Relative risks					
	N	10	15	4	29
	NS	6	9	3	18
	Wt	138.35	432.25	152.08	722.68
Het	Chi	11.95	18.96	6.32	42.06
Het	df	9	14	3	28
Het	P	N.S.	N.S.	(*)	*
Fixed	RR	1.45	1.19	1.35	1.27
	RRl	1.23	1.08	1.15	1.18
	RRu	1.71	1.30	1.58	1.36
	P	+++	+++	+++	+++
Random	RR	1.42	1.18	1.18	1.25
	RRl	1.16	1.05	0.84	1.13
	RRu	1.73	1.33	1.66	1.38
	P	+++	++	N.S.	+++
Asymm	P	(*)	N.S.	*	N.S.
Between	Chi		4.10	0.38	4.82
Between	df		1	1	2
Between	P		–	N.S.	(*)

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 10
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
By total number of confounders considered in the study (grouped) - most-adjusted

0-5

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                                                    Number Exposed  Non-exposed
  StN Ref      NRR      SEX EXP TIM TYP TY2 ADJ      Case   Cont    Case   Cont    RR       95.00%CI
  *1   GILLIS 1         m   h   x   f   v   1        -      -       -      -       0.33 ( 0.04-   2.84)
  *1   GILLIS 2         f   h   x   f   v   1        -      -       -      -       1.88 ( 0.22-  16.02)
   Subtotal 1                                                                     0.78 ( 0.17-   3.55)
  2    LEE    2         m   s   m   n   s   2        -      -       -      -       0.84 ( 0.29-   2.45)
  2    LEE    4         f   s   m   n   s   2        -      -       -      -       0.92 ( 0.50-   1.68)
   Subtotal 2                                                                     0.90 ( 0.53-   1.52)
  4    DONNAN 1         c   s   e   b   c   3        -      -       -      -       1.60 ( 0.60-   3.90)
  *5   SANDLE 2         m   h   e   f   v   4        -      -       -      -       0.97 ( 0.65-   1.46)
  *5   SANDLE 4         f   h   e   f   v   4        -      -       -      -       1.24 ( 1.03-   1.49)
   Subtotal 5                                                                     1.19 ( 1.00-   1.41)
  7    BONITA 4         m   2   t   b   s   4        -      -       -      -       2.10 ( 1.33-   3.32)
  7    BONITA 5         f   2   t   b   s   4        -      -       -      -       1.66 ( 1.07-   2.57)
   Subtotal 7                                                                     1.86 ( 1.35-   2.55)
  8    YOU    8         c   s   e   n   i   5        -      -       -      -       1.70 ( 0.98-   2.92)
  *10  YAMADA 2         m   t   e   f   h   1        -      -       -      -       1.13 ( 0.19-   6.85)
  *10  YAMADA 1         f   t   e   f   h   1        -      -       -      -       0.94 ( 0.57-   1.55)
   Subtotal 10                                                                    0.95 ( 0.59-   1.54)
  14   MCGHEE 1         m   h   p   f   s   2        -      -       -      -       1.31 ( 0.87-   1.99)
  14   MCGHEE 2         f   h   p   f   s   2        -      -       -      -       1.57 ( 1.11-   2.24)
   Subtotal 14                                                                    1.46 ( 1.11-   1.90)
  Partial Totals                                    0      0       0      0
  *prospective study
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6+

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                                                    Number Exposed  Non-exposed
  StN Ref      NRR      SEX EXP TIM TYP TY2 ADJ      Case   Cont    Case   Cont    RR       95.00%CI

  6    HOWARD 2         c   t   c   n   n   10       -      -       -      -       1.06 ( 0.64-   1.75)
  9    IRIBA1 1         m   h   c   n   s   11       -      -       -      -       0.25 ( 0.04-   0.82)
  9    IRIBA1 9         f   h   c   n   s   11       -      -       -      -       1.23 ( 0.75-   1.96)
   Subtotal 9                                                                     1.06 ( 0.76-   1.49)
  11   ANDERS 7         m   h   e   b   h   8        -      -       -      -       0.50 ( 0.20-   1.30)
  11   ANDERS 6         f   h   e   b   h   8        -      -       -      -       1.30 ( 0.70-   2.30)
   Subtotal 11                                                                    0.99 ( 0.60-   1.63)
  *12  IRIBA2 27        m   h   c   b   i   10       -      -       -      -       1.02 ( 0.71-   1.48)
  *12  IRIBA2 39        f   h   c   b   i   10       -      -       -      -       1.17 ( 0.92-   1.50)
   Subtotal 12                                                                    1.12 ( 0.92-   1.37)
  *13  WHINCU 8         m   c   c   b   s   16       -      -       -      -       1.54 ( 0.68-   3.47)
  *15  QURESH 2         f   s   e   b   s   7        -      -       -      -       0.90 ( 0.60-   1.30)
  *16  ZHANG  22        f   s   c   n   s   14       -      -       -      -       1.44 ( 1.20-   1.72)
  *17  WEN    2         f   s   c   f   s   9        -      -       -      -       1.52 ( 1.08-   2.15)
  *18  HILL1  1         m   h   c   f   v   2        -      -       -      -       1.59 ( 1.14-   2.21)
  *18  HILL1  2         f   h   c   f   v   9        -      -       -      -       0.90 ( 0.67-   1.21)
   Subtotal 18                                                                    1.16 ( 0.93-   1.44)
  *19  HILL2  1         m   h   c   f   v   9        -      -       -      -       1.82 ( 1.20-   2.77)
  *19  HILL2  2         f   h   c   f   v   9        -      -       -      -       1.17 ( 0.76-   1.82)
   Subtotal 19                                                                    1.47 ( 1.09-   1.99)
  Partial Totals                                    0      0       0      0
  *prospective study
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

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                                         Table 10
              ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                    By total number of confounders considered in the study (grouped) - most-adjusted

                                   0-5            6+          Total


Relative risks


                          N        14            15            29
                          NS        8            10            18


                          Wt    277.52        445.16        722.68
                 Het Chi        15.14         26.53         42.06
                 Het  df           13            14            28
                 Het  P          N.S.            *             *
                 Fixed  RR       1.30          1.24          1.27
                        RRl      1.16          1.13          1.18
                        RRu      1.47          1.36          1.36
                        P        +++           +++           +++
                 Random  RR      1.31          1.20          1.25
                        RRl      1.14          1.04          1.13
                        RRu      1.51          1.39          1.38
                        P        +++            +            +++
                 Asymm  P        N.S.          N.S.          N.S.
                 Between Chi                    0.39          0.39
                 Between  df                       1             1
                 Between  P                    N.S.          N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 11

ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
By stroke fatality - most-adjusted

Fatal

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 (	0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 (	0.22- 16.02)
Subtotal 1													0.78 (	0.17- 3.55)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 (	0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 (	1.03- 1.49)
Subtotal 5													1.19 (	1.00- 1.41)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 (	0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 (	0.57- 1.55)
Subtotal 10													0.95 (	0.59- 1.54)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 (	0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 (	1.11- 2.24)
Subtotal 14													1.46 (	1.11- 1.90)
*17	WEN	2	f	s	c	f	s	9	-	-	-	-	1.52 (	1.08- 2.15)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 (	1.14- 2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90 (	0.67- 1.21)
Subtotal 18													1.16 (	0.93- 1.44)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82 (	1.20- 2.77)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17 (	0.76- 1.82)
Subtotal 19													1.47 (	1.09- 1.99)
Partial Totals									0	0	0	0		

*prospective study

Nonfatal

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 (	0.29- 2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 (	0.50- 1.68)
Subtotal 2													0.90 (	0.53- 1.52)
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06 (	0.64- 1.75)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 (	0.98- 2.92)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25 (	0.04- 0.82)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23 (	0.75- 1.96)
Subtotal 9													1.06 (	0.67- 1.68)
*16	ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44 (	1.20- 1.72)
Partial Totals									0	0	0	0		

*prospective study

Both

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 (	0.60- 3.90)
7	BONITA	4	m	2	t	b	s	4	-	-	-	-	2.10 (	1.33- 3.32)
7	BONITA	5	f	2	t	b	s	4	-	-	-	-	1.66 (	1.07- 2.57)
Subtotal 7													1.83 (	1.36- 2.47)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 (	0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 (	0.70- 2.30)
Subtotal 11													0.99 (	0.60- 1.63)
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02 (	0.71- 1.48)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17 (	0.92- 1.50)
Subtotal 12													1.12 (	0.92- 1.37)
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54 (	0.68- 3.47)
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90 (	0.60- 1.30)
Partial Totals									0	0	0	0		

*prospective study

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 11
ETS and Stroke – Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
By stroke fatality – most-adjusted

		Fatal	Nonfatal	Both	Total
Relative risks					
	N	13	7	9	29
	NS	7	5	6	18
	Wt	361.60	178.81	182.27	722.68
Het	Chi	17.26	9.25	14.89	42.06
Het	df	12	6	8	28
Het	P	N.S.	N.S.	(*)	*
Fixed	RR	1.26	1.33	1.22	1.27
	RRl	1.14	1.15	1.05	1.18
	RRu	1.40	1.54	1.41	1.36
	P	+++	+++	++	+++
Random	RR	1.27	1.22	1.24	1.25
	RRl	1.10	0.95	1.00	1.13
	RRu	1.45	1.55	1.55	1.38
	P	+++	N.S.	(+)	+++
Asymm	P	N.S.	*	N.S.	N.S.
Between	Chi		0.31	0.14	0.66
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 12
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
By stroke grouping - most-adjusted

stroke

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	1	m	h	x	f	v	1	–	–	–	–	0.33 (	0.04– 2.84)
*1	GILLIS	2	f	h	x	f	v	1	–	–	–	–	1.88 (	0.22– 16.02)
Subtotal 1													0.78 (	0.17– 3.55)
2	LEE	2	m	s	m	n	s	2	–	–	–	–	0.84 (	0.29– 2.45)
2	LEE	4	f	s	m	n	s	2	–	–	–	–	0.92 (	0.50– 1.68)
Subtotal 2													0.90 (	0.53– 1.52)
*5	SANDLE	2	m	h	e	f	v	4	–	–	–	–	0.97 (	0.65– 1.46)
*5	SANDLE	4	f	h	e	f	v	4	–	–	–	–	1.24 (	1.03– 1.49)
Subtotal 5													1.19 (	1.00– 1.41)
7	BONITA	4	m	2	t	b	s	4	–	–	–	–	2.10 (	1.33– 3.32)
7	BONITA	5	f	2	t	b	s	4	–	–	–	–	1.66 (	1.07– 2.57)
Subtotal 7													1.86 (	1.35– 2.55)
9	IRIBA1	1	m	h	c	n	s	11	–	–	–	–	0.25 (	0.04– 0.82)
9	IRIBA1	9	f	h	c	n	s	11	–	–	–	–	1.23 (	0.75– 1.96)
Subtotal 9													1.06 (	0.67– 1.68)
*13	WHINCU	8	m	c	c	b	s	16	–	–	–	–	1.54 (	0.68– 3.47)
14	MCGHEE	1	m	h	p	f	s	2	–	–	–	–	1.31 (	0.87– 1.99)
14	MCGHEE	2	f	h	p	f	s	2	–	–	–	–	1.57 (	1.11– 2.24)
Subtotal 14													1.46 (	1.11– 1.90)
*15	QURESH	2	f	s	e	b	s	7	–	–	–	–	0.90 (	0.60– 1.30)
*16	ZHANG	22	f	s	c	n	s	14	–	–	–	–	1.44 (	1.20– 1.72)
*17	WEN	2	f	s	c	f	s	9	–	–	–	–	1.52 (	1.08– 2.15)
*18	HILL1	1	m	h	c	f	v	2	–	–	–	–	1.59 (	1.14– 2.21)
*18	HILL1	2	f	h	c	f	v	9	–	–	–	–	0.90 (	0.67– 1.21)
Subtotal 18													1.16 (	0.93– 1.44)
*19	HILL2	1	m	h	c	f	v	9	–	–	–	–	1.82 (	1.20– 2.77)
*19	HILL2	2	f	h	c	f	v	9	–	–	–	–	1.17 (	0.76– 1.82)
Subtotal 19													1.47 (	1.09– 1.99)
Partial Totals									0	0	0	0		

*prospective study

SAH

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
*10	YAMADA	2	m	t	e	f	h	1	–	–	–	–	1.13 (	0.19– 6.85)
*10	YAMADA	1	f	t	e	f	h	1	–	–	–	–	0.94 (	0.57– 1.55)
Subtotal 10													0.95 (	0.59– 1.54)
11	ANDERS	7	m	h	e	b	h	8	–	–	–	–	0.50 (	0.20– 1.30)
11	ANDERS	6	f	h	e	b	h	8	–	–	–	–	1.30 (	0.70– 2.30)
Subtotal 11													0.99 (	0.60– 1.63)
Partial Totals									0	0	0	0		

*prospective study

other

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
4	DONNAN	1	c	s	e	b	c	3	–	–	–	–	1.60 (	0.60– 3.90)
6	HOWARD	2	c	t	c	n	n	10	–	–	–	–	1.06 (	0.64– 1.75)
8	YOU	8	c	s	e	n	i	5	–	–	–	–	1.70 (	0.98– 2.92)
*12	IRIBA2	27	m	h	c	b	i	10	–	–	–	–	1.02 (	0.71– 1.48)
*12	IRIBA2	39	f	h	c	b	i	10	–	–	–	–	1.17 (	0.92– 1.50)
Subtotal 12													1.12 (	0.92– 1.37)
Partial Totals									0	0	0	0		

*prospective study

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                         Table 12
         ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                                 By stroke grouping - most-adjusted

                          stroke          SAH           other          Total


Relative risks


                     N        20            4               5             29
                    NS        12            2               4             18


                    Wt    565.64        31.79          125.24         722.68
          Het  Chi      32.76          2.90            2.91          42.06
          Het  df          19            3               4             28
          Het  P           *          N.S.            N.S.             *
          Fixed  RR       1.31         0.97            1.18           1.27
                 RRl      1.20         0.68            0.99           1.18
                 RRu      1.42         1.37            1.40           1.36
                 P       +++          N.S.            (+)            +++
          Random  RR      1.29         0.97            1.18           1.25
                  RRl     1.14         0.68            0.99           1.13
                  RRu     1.46         1.37            1.40           1.38
                  P      +++          N.S.            (+)            +++
          Asymm  P       N.S.         N.S.            N.S.           N.S.
          Between Chi                  2.68            1.11           3.49
          Between df                      1               1              2
          Between P                   N.S.            N.S.           N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                                     Table 13
                     ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                                            By study weakness noted - most-adjusted


absent
                                                               Number Exposed  Non-exposed
  StN Ref      NRR       SEX EXP TIM TYP TY2 ADJ   Case    Cont     Case    Cont      RR        95.00%CI
 *1   GILLIS 1           m   h   x   f   v   1      -       -        -       -        0.33 (  0.04-   2.84)
 *1   GILLIS 2           f   h   x   f   v   1      -       -        -       -        1.88 (  0.22-  16.02)
  Subtotal 1                                                                         0.78 (  0.17-   3.55)
  2   LEE    2           m   s   m   n   s   2      -       -        -       -        0.84 (  0.29-   2.45)
  2   LEE    4           f   s   m   n   s   2      -       -        -       -        0.92 (  0.50-   1.68)
  Subtotal 2                                                                         0.90 (  0.53-   1.52)
  4   DONNAN 1           c   s   e   b   c   3      -       -        -       -        1.60 (  0.60-   3.90)
  6   HOWARD 2           c   t   c   n   n   10     -       -        -       -        1.06 (  0.64-   1.75)
  8   YOU    8           c   s   e   n   i   5      -       -        -       -        1.70 (  0.98-   2.92)
  9   IRIBA1 1           m   h   c   n   s   11     -       -        -       -        0.25 (  0.04-   0.82)
  9   IRIBA1 9           f   h   c   n   s   11     -       -        -       -        1.23 (  0.75-   1.96)
  Subtotal 9                                                                         1.06 (  0.67-   1.68)
 11   ANDERS 7           m   h   e   b   h   8      -       -        -       -        0.50 (  0.20-   1.30)
 11   ANDERS 6           f   h   e   b   h   8      -       -        -       -        1.30 (  0.70-   2.30)
  Subtotal 11                                                                        0.99 (  0.60-   1.63)
 *15  QURESH 2           f   s   e   b   s   7      -       -        -       -        0.90 (  0.60-   1.30)
 *16  ZHANG  22          f   s   c   n   s   14     -       -        -       -        1.44 (  1.20-   1.72)
 *17  WEN    2           f   s   c   f   s   9      -       -        -       -        1.52 (  1.08-   2.15)
  Partial Totals                                    0       0        0       0
 *prospective study


yes
                                                               Number Exposed  Non-exposed
  StN Ref      NRR       SEX EXP TIM TYP TY2 ADJ   Case    Cont     Case    Cont      RR        95.00%CI

 *5   SANDLE 2           m   h   e   f   v   4      -       -        -       -        0.97 (  0.65-   1.46)
 *5   SANDLE 4           f   h   e   f   v   4      -       -        -       -        1.24 (  1.03-   1.49)
  Subtotal 5                                                                         1.19 (  1.00-   1.41)
  7   BONITA 4           m   2   t   b   s   4      -       -        -       -        2.10 (  1.33-   3.32)
  7   BONITA 5           f   2   t   b   s   4      -       -        -       -        1.66 (  1.07-   2.57)
  Subtotal 7                                                                         1.86 (  1.35-   2.55)
 *10  YAMADA 2           m   t   e   f   h   1      -       -        -       -        1.13 (  0.19-   6.85)
 *10  YAMADA 1           f   t   e   f   h   1      -       -        -       -        0.94 (  0.57-   1.55)
  Subtotal 10                                                                        0.95 (  0.59-   1.54)
 *12  IRIBA2 27          m   h   c   b   i   10     -       -        -       -        1.02 (  0.71-   1.48)
 *12  IRIBA2 39          f   h   c   b   i   10     -       -        -       -        1.17 (  0.92-   1.50)
  Subtotal 12                                                                        1.12 (  0.92-   1.37)
 *13  WHINCU 8           m   c   c   b   s   16     -       -        -       -        1.54 (  0.68-   3.47)
 14   MCGHEE 1           m   h   p   f   s   2      -       -        -       -        1.31 (  0.87-   1.99)
 14   MCGHEE 2           f   h   p   f   s   2      -       -        -       -        1.57 (  1.11-   2.24)
  Subtotal 14                                                                        1.46 (  1.11-   1.90)
 *18  HILL1  1           m   h   c   f   v   2      -       -        -       -        1.59 (  1.14-   2.21)
 *18  HILL1  2           f   h   c   f   v   9      -       -        -       -        0.90 (  0.67-   1.21)
  Subtotal 18                                                                        1.16 (  0.93-   1.44)
 *19  HILL2  1           m   h   c   f   v   9      -       -        -       -        1.82 (  1.20-   2.77)
 *19  HILL2  2           f   h   c   f   v   9      -       -        -       -        1.17 (  0.76-   1.82)
  Subtotal 19                                                                        1.47 (  1.09-   1.99)
  Partial Totals                                    0       0        0       0
 *prospective study




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Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
```

```
                                        Table 13
          ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                               By study weakness noted - most-adjusted

                                    absent           yes          Total


Relative risks


                              N       14            15             29
                             NS       10             8             18


                             Wt    258.24        464.44         722.68
                    Het  Chi    19.40         22.64          42.06
                    Het  df        13            14             28
                    Het  P       N.S.          (*)              *
                    Fixed  RR     1.28          1.26           1.27
                           RRl     1.13          1.15           1.18
                           RRu     1.44          1.38           1.36
                           P       +++           +++            +++
                    Random  RR     1.18          1.28           1.25
                           RRl     0.98          1.13           1.13
                           RRu     1.42          1.45           1.38
                           P       (+)           +++            +++
                    Asymm  P        *            N.S.           N.S.
                 Between Chi                     0.02           0.02
                 Between  df                        1              1
                 Between  P                      N.S.           N.S.
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Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
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                                        Table 14
        ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
                                Overall - most-adjusted


Overall

                                                     Number Exposed  Non-exposed
  StN Ref    NRR     SEX EXP TIM TYP TY2 ADJ   Case   Cont   Case    Cont     RR        95.00%CI
 *1   GILLIS 1       m   h   x   f   v   1      -      -      -       -      0.33 (  0.04-   2.84)
 *1   GILLIS 2       f   h   x   f   v   1      -      -      -       -      1.88 (  0.22-  16.02)
  Subtotal 1                                                                0.78 (  0.17-   3.55)
  2   LEE    2       m   s   m   n   s   2      -      -      -       -      0.84 (  0.29-   2.45)
  2   LEE    4       f   s   m   n   s   2      -      -      -       -      0.92 (  0.50-   1.68)
  Subtotal 2                                                                0.90 (  0.53-   1.52)
  4   DONNAN 1       c   s   e   b   c   3      -      -      -       -      1.60 (  0.60-   3.90)
 *5   SANDLE 2       m   h   e   f   v   4      -      -      -       -      0.97 (  0.65-   1.46)
 *5   SANDLE 4       f   h   e   f   v   4      -      -      -       -      1.24 (  1.03-   1.49)
  Subtotal 5                                                                1.19 (  1.00-   1.41)
  6   HOWARD 2       c   t   c   n   n   10     -      -      -       -      1.06 (  0.64-   1.75)
  7   BONITA 4       m   2   t   b   s   4      -      -      -       -      2.10 (  1.33-   3.32)
  7   BONITA 5       f   2   t   b   s   4      -      -      -       -      1.66 (  1.07-   2.57)
  Subtotal 7                                                                1.86 (  1.35-   2.55)
  8   YOU    8       c   s   e   n   i   5      -      -      -       -      1.70 (  0.98-   2.92)
  9   IRIBA1 1       m   h   c   n   s   11     -      -      -       -      0.25 (  0.04-   0.82)
  9   IRIBA1 9       f   h   c   n   s   11     -      -      -       -      1.23 (  0.75-   1.96)
  Subtotal 9                                                                1.06 (  0.67-   1.68)
 *10  YAMADA 2       m   t   e   f   h   1      -      -      -       -      1.13 (  0.19-   6.85)
 *10  YAMADA 1       f   t   e   f   h   1      -      -      -       -      0.94 (  0.57-   1.55)
  Subtotal 10                                                               0.95 (  0.59-   1.54)
  11  ANDERS 7       m   h   e   b   h   8      -      -      -       -      0.50 (  0.20-   1.30)
  11  ANDERS 6       f   h   e   b   h   8      -      -      -       -      1.30 (  0.70-   2.30)
  Subtotal 11                                                               0.99 (  0.60-   1.63)
 *12  IRIBA2 27      m   h   c   b   i   10     -      -      -       -      1.02 (  0.71-   1.48)
 *12  IRIBA2 39      f   h   c   b   i   10     -      -      -       -      1.17 (  0.92-   1.50)
  Subtotal 12                                                               1.12 (  0.92-   1.37)
 *13  WHINCU 8       m   c   c   b   s   16     -      -      -       -      1.54 (  0.68-   3.47)
  14  MCGHEE 1       m   h   p   f   s   2      -      -      -       -      1.31 (  0.87-   1.99)
  14  MCGHEE 2       f   h   p   f   s   2      -      -      -       -      1.57 (  1.11-   2.24)
  Subtotal 14                                                               1.46 (  1.11-   1.90)
 *15  QURESH 2       f   s   e   b   s   7      -      -      -       -      0.90 (  0.60-   1.30)
 *16  ZHANG  6       f   s   e   n   s   14     -      -      -       -      1.27 (  1.05-   1.54)
 *17  WEN    1       f   s   m   f   s   9      -      -      -       -      1.33 (  0.96-   1.84)
 *18  HILL1  1       m   h   c   f   v   2      -      -      -       -      1.59 (  1.14-   2.21)
 *18  HILL1  2       f   h   c   f   v   9      -      -      -       -      0.90 (  0.67-   1.21)
  Subtotal 18                                                               1.16 (  0.93-   1.44)
 *19  HILL2  1       m   h   c   f   v   9      -      -      -       -      1.82 (  1.20-   2.77)
 *19  HILL2  2       f   h   c   f   v   9      -      -      -       -      1.17 (  0.76-   1.82)
  Subtotal 19                                                               1.47 (  1.09-   1.99)
Partial Totals                                 0      0      0       0
*prospective study


  StN Ref    NRR     SEX EXP TIM TYP TY2 ADJ       Ys       Ws       Qs       Ps

 *1   GILLIS 1       m   h   x   f   v   1        -1.11     0.85     1.47     0.3080
 *1   GILLIS 2       f   h   x   f   v   1         0.63     0.84     0.15     0.5639
  Subtotal 1                                      -0.90     1.68     1.62
  2   LEE    2       m   s   m   n   s   2        -0.17     3.37     0.50     0.7488
  2   LEE    4       f   s   m   n   s   2        -0.08    10.46     0.90     0.7874
  Subtotal 2                                      -0.68    13.84     1.39
  4   DONNAN 1       c   s   e   b   c   3         0.47     4.39     0.30     0.3250
 *5   SANDLE 2       m   h   e   f   v   4        -0.03    23.47     1.35     0.8827
 *5   SANDLE 4       f   h   e   f   v   4         0.22   112.72     0.00     0.0224
  Subtotal 5                                      -0.23   136.18     1.35
  6   HOWARD 2       c   t   c   n   n   10        0.06    15.19     0.35     0.8204
  7   BONITA 4       m   2   t   b   s   4         0.74    18.36     5.21     0.0015
  7   BONITA 5       f   2   t   b   s   4         0.51    20.01     1.77     0.0234
  Subtotal 7                                       0.83    38.37     6.98
  8   YOU    8       c   s   e   n   i   5         0.53    12.89     1.33     0.0568
  9   IRIBA1 1       m   h   c   n   s   11       -1.39     1.68     4.29     0.0720
  9   IRIBA1 9       f   h   c   n   s   11        0.21    16.65     0.00     0.3983
  Subtotal 9                                      -1.60    18.34     4.29
 *10  YAMADA 2       m   t   e   f   h   1         0.12     1.20     0.01     0.8937
 *10  YAMADA 1       f   t   e   f   h   1        -0.06    15.35     1.13     0.8084
--------------------------------------------------------------------------------
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
```

Table 14

ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
Overall - most-adjusted

Overall

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
Subtotal 10								-0.36	16.55	1.14	
11 ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.57	0.1466
11 ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.03	0.3873
Subtotal 11								-0.85	15.24	3.60	
*12 IRIBA2	27	m	h	c	b	i	10	0.02	28.48	1.02	0.9158
*12 IRIBA2	39	f	h	c	b	i	10	0.16	64.30	0.18	0.2080
Subtotal 12								-0.24	92.78	1.20	
*13 WHINCU	8	m	c	c	b	s	16	0.43	5.78	0.29	0.2990
14 MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.08	0.2008
14 MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.82	0.0118
Subtotal 14								0.30	53.62	1.90	
*15 QURESH	2	f	s	e	b	s	7	-0.11	25.70	2.55	0.5932
*16 ZHANG	6	f	s	e	n	s	14	0.24	104.76	0.09	0.0144
*17 WEN	1	f	s	m	f	s	9	0.29	36.30	0.21	0.0857
*18 HILL1	1	m	h	c	f	v	2	0.46	35.07	2.27	0.0060
*18 HILL1	2	f	h	c	f	v	9	-0.11	43.98	4.36	0.4847
Subtotal 18								-0.06	79.04	6.63	
*19 HILL2	1	m	h	c	f	v	9	0.60	21.96	3.33	0.0050
*19 HILL2	2	f	h	c	f	v	9	0.16	20.15	0.06	0.4810
Subtotal 19								0.34	42.11	3.39	

Relative risks

N	29
NS	18
Wt	712.76
Het Chi	38.60
Het df	28
Het P	(*)
Fixed RR	1.23
RRl	1.15
RRu	1.33
P	+++
Random RR	1.23
RRl	1.12
RRu	1.35
P	+++
Asymm P	N.S.

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 15
ETS and Stroke – Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
Overall – least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR		95.00%CI	
*1	GILLIS	1	m	h	x	f	v	1	–	–	–	–	0.33	(	0.04–	2.84)
*1	GILLIS	2	f	h	x	f	v	1	–	–	–	–	1.88	(	0.22–	16.02)
Subtotal 1													0.78	(	0.17–	3.55)
2	LEE	2	m	s	m	n	s	2	–	–	–	–	0.84	(	0.29–	2.45)
2	LEE	4	f	s	m	n	s	2	–	–	–	–	0.92	(	0.50–	1.68)
Subtotal 2													0.90	(	0.53–	1.52)
4	DONNAN	1	c	s	e	b	c	3	–	–	–	–	1.60	(	0.60–	3.90)
*5	SANDLE	2	m	h	e	f	v	4	–	–	–	–	0.97	(	0.65–	1.46)
*5	SANDLE	4	f	h	e	f	v	4	–	–	–	–	1.24	(	1.03–	1.49)
Subtotal 5													1.19	(	1.00–	1.41)
6	HOWARD	1	c	t	c	n	n	2	–	–	–	–	1.03	(	0.63–	1.67)
7	BONITA	1	m	2	t	b	s	1	–	–	–	–	2.06	(	1.34–	3.17)
7	BONITA	2	f	2	t	b	s	1	–	–	–	–	1.50	(	1.01–	2.21)
Subtotal 7													1.73	(	1.30–	2.31)
8	YOU	8	c	s	e	n	i	5	–	–	–	–	1.70	(	0.98–	2.92)
9	IRIBA1	1	m	h	c	n	s	11	–	–	–	–	0.25	(	0.04–	0.82)
9	IRIBA1	9	f	h	c	n	s	11	–	–	–	–	1.23	(	0.75–	1.96)
Subtotal 9													1.06	(	0.67–	1.68)
*10	YAMADA	2	m	t	e	f	h	1	–	–	–	–	1.13	(	0.19–	6.85)
*10	YAMADA	1	f	t	e	f	h	1	–	–	–	–	0.94	(	0.57–	1.55)
Subtotal 10													0.95	(	0.59–	1.54)
11	ANDERS	7	m	h	e	b	h	8	–	–	–	–	0.50	(	0.20–	1.30)
11	ANDERS	6	f	h	e	b	h	8	–	–	–	–	1.30	(	0.70–	2.30)
Subtotal 11													0.99	(	0.60–	1.63)
*12	IRIBA2	3	m	h	c	b	i	1	–	–	–	–	1.12	(	0.78–	1.60)
*12	IRIBA2	15	f	h	c	b	i	1	–	–	–	–	1.23	(	0.97–	1.57)
Subtotal 12													1.19	(	0.98–	1.46)
*13	WHINCU	4	m	c	c	b	s	2	–	–	–	–	0.96	(	0.49–	1.89)
14	MCGHEE	1	m	h	p	f	s	2	–	–	–	–	1.31	(	0.87–	1.99)
14	MCGHEE	2	f	h	p	f	s	2	–	–	–	–	1.57	(	1.11–	2.24)
Subtotal 14													1.46	(	1.11–	1.90)
*15	QURESH	1	f	s	e	b	s	1	–	–	–	–	0.90	(	0.60–	1.40)
*16	ZHANG	25	f	s	e	n	s	1	–	–	–	–	1.35	(	1.13–	1.62)
*17	WEN	1	f	s	m	f	s	9	–	–	–	–	1.33	(	0.96–	1.84)
*18	HILL1	1	m	h	c	f	v	2	–	–	–	–	1.59	(	1.14–	2.21)
*18	HILL1	3	f	h	c	f	v	2	–	–	–	–	0.88	(	0.66–	1.17)
Subtotal 18													1.13	(	0.91–	1.41)
*19	HILL2	3	m	h	c	f	v	2	–	–	–	–	1.91	(	1.23–	2.96)
*19	HILL2	4	f	h	c	f	v	2	–	–	–	–	1.16	(	0.75–	1.79)
Subtotal 19													1.48	(	1.09–	2.02)
Partial Totals									0	0	0	0				

*prospective study

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.50	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.14	0.5639
Subtotal 1									-0.92	1.68	1.64	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.53	0.7488
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	0.97	0.7874
Subtotal 2									-0.70	13.84	1.50	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.27	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.48	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.00	0.0224
Subtotal 5									-0.26	136.18	1.49	
6	HOWARD	1	c	t	c	n	n	2	0.03	16.17	0.59	0.9054
7	BONITA	1	m	2	t	b	s	1	0.72	20.72	5.22	0.0010
7	BONITA	2	f	2	t	b	s	1	0.41	25.06	0.85	0.0424
Subtotal 7									0.69	45.78	6.07	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.24	0.0568
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.35	0.0720
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.00	0.3983
Subtotal 9									-1.62	18.34	4.35	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.01	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.23	0.8084

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 15
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
Overall - least-adjusted

Overall

```
 StN Ref    NRR      SEX EXP TIM TYP TY2 ADJ        Ys      Ws      Qs       Ps
  Subtotal 10                                     -0.38   16.55    1.24
  11  ANDERS 7       m   h   e   b   h   8         -0.69    4.39    3.66    0.1466
  11  ANDERS 6       f   h   e   b   h   8          0.26   10.86    0.02    0.3873
  Subtotal 11                                     -0.87   15.24    3.68
 *12  IRIBA2 3       m   h   c   b   i   1          0.11   29.77    0.35    0.5364
 *12  IRIBA2 15      f   h   c   b   i   1          0.21   66.27    0.01    0.0920
  Subtotal 12                                     -0.12   96.04    0.36
 *13  WHINCU 4       m   c   c   b   s   2         -0.04    8.43    0.58    0.9056
  14  MCGHEE 1       m   h   p   f   s   2          0.27   22.45    0.05    0.2008
  14  MCGHEE 2       f   h   p   f   s   2          0.45   31.17    1.65    0.0118
  Subtotal 14                                      0.28   53.62    1.70
 *15  QURESH 1       f   s   e   b   s   1         -0.11   21.40    2.28    0.6259
 *16  ZHANG  25      f   s   e   n   s   1          0.30  118.43    0.74    0.0011
 *17  WEN    1       f   s   m   f   s   9          0.29   36.30    0.15    0.0857
 *18  HILL1  1       m   h   c   f   v   2          0.46   35.07    2.07    0.0060
 *18  HILL1  3       f   h   c   f   v   2         -0.13   46.88    5.70    0.3814
  Subtotal 18                                     -0.11   81.94    7.77
 *19  HILL2  3       m   h   c   f   v   2          0.65   19.92    3.62    0.0039
 *19  HILL2  4       f   h   c   f   v   2          0.15   20.31    0.11    0.5036
  Subtotal 19                                      0.35   40.23    3.72
```

Relative risks


```
                       N        29
                       NS       18


                       Wt      737.45
                  Het Chi       39.37
                  Het  df          28
                  Het  P         (*)
                Fixed  RR        1.25
                       RRl       1.16
                       RRu       1.34
                       P         +++
               Random  RR        1.24
                       RRl       1.12
                       RRu       1.36
                       P         +++
                Asymm  P        N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 16
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
By sex - most-adjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 (	0.60- 3.90)
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06 (	0.64- 1.75)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 (	0.98- 2.92)
Partial Totals									0	0	0	0		

*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 (	0.04- 2.84)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 (	0.29- 2.45)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 (	0.65- 1.46)
7	BONITA	4	m	2	t	b	s	4	-	-	-	-	2.10 (	1.33- 3.32)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25 (	0.04- 0.82)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 (	0.19- 6.85)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 (	0.20- 1.30)
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02 (	0.71- 1.48)
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54 (	0.68- 3.47)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 (	0.87- 1.99)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 (	1.14- 2.21)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82 (	1.20- 2.77)
Partial Totals									0	0	0	0		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 (	0.22- 16.02)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 (	0.50- 1.68)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 (	1.03- 1.49)
7	BONITA	5	f	2	t	b	s	4	-	-	-	-	1.66 (	1.07- 2.57)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23 (	0.75- 1.96)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 (	0.57- 1.55)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 (	0.70- 2.30)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17 (	0.92- 1.50)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 (	1.11- 2.24)
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90 (	0.60- 1.30)
*16	ZHANG	6	f	s	e	n	s	14	-	-	-	-	1.27 (	1.05- 1.54)
*17	WEN	1	f	s	m	f	s	9	-	-	-	-	1.33 (	0.96- 1.84)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90 (	0.67- 1.21)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17 (	0.76- 1.82)
Partial Totals									0	0	0	0		

*prospective study

Relative risks		combined	male	female	Total
	N	3	12	14	29
	NS	3	12	14	29
	Wt	32.46	167.05	513.25	712.76
Het	Chi	1.70	22.82	12.92	38.60
Het	df	2	11	13	28
Het	P	N.S.	*	N.S.	(*)
Fixed	RR	1.35	1.31	1.20	1.23
	RRl	0.96	1.12	1.10	1.15
	RRu	1.91	1.52	1.31	1.33
	P	(+)	+++	+++	+++
Random	RR	1.35	1.23	1.20	1.23
	RRl	0.96	0.95	1.10	1.12
	RRu	1.91	1.57	1.31	1.35

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                              Table 16
              ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
                                         By sex - most-adjusted

                               combined        male       female        Total


Relative risks
                           P       (+)        N.S.         +++          +++
                  Asymm    P      N.S.         (*)         N.S.         N.S.
                  Between Chi                 0.03         0.42         1.15
                  Between  df                    1            1            2
                  Between   P                 N.S.         N.S.         N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 17
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
By sex - least-adjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 (	0.60- 3.90)
6	HOWARD	1	c	t	c	n	n	2	-	-	-	-	1.03 (	0.63- 1.67)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 (	0.98- 2.92)
Partial Totals									0	0	0	0		

*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 (	0.04- 2.84)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 (	0.29- 2.45)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 (	0.65- 1.46)
7	BONITA	1	m	2	t	b	s	1	-	-	-	-	2.06 (	1.34- 3.17)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25 (	0.04- 0.82)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 (	0.19- 6.85)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 (	0.20- 1.30)
*12	IRIBA2	3	m	h	c	b	i	1	-	-	-	-	1.12 (	0.78- 1.60)
*13	WHINCU	4	m	c	c	b	s	2	-	-	-	-	0.96 (	0.49- 1.89)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 (	0.87- 1.99)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 (	1.14- 2.21)
*19	HILL2	3	m	h	c	f	v	2	-	-	-	-	1.91 (	1.23- 2.96)
Partial Totals									0	0	0	0		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 (	0.22- 16.02)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 (	0.50- 1.68)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 (	1.03- 1.49)
7	BONITA	2	f	2	t	b	s	1	-	-	-	-	1.50 (	1.01- 2.21)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23 (	0.75- 1.96)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 (	0.57- 1.55)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 (	0.70- 2.30)
*12	IRIBA2	15	f	h	c	b	i	1	-	-	-	-	1.23 (	0.97- 1.57)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 (	1.11- 2.24)
*15	QURESH	1	f	s	e	b	s	1	-	-	-	-	0.90 (	0.60- 1.40)
*16	ZHANG	25	f	s	e	n	s	1	-	-	-	-	1.35 (	1.13- 1.62)
*17	WEN	1	f	s	m	f	s	9	-	-	-	-	1.33 (	0.96- 1.84)
*18	HILL1	3	f	h	c	f	v	2	-	-	-	-	0.88 (	0.66- 1.17)
*19	HILL2	4	f	h	c	f	v	2	-	-	-	-	1.16 (	0.75- 1.79)
Partial Totals									0	0	0	0		

*prospective study

Relative risks

		combined	male	female	Total
	N	3	12	14	29
	NS	3	12	14	29
	Wt	33.45	171.31	532.69	737.45
Het	Chi	1.98	23.05	13.68	39.37
Het	df	2	11	13	28
Het	P	N.S.	*	N.S.	(*)
Fixed	RR	1.32	1.31	1.22	1.25
	RRl	0.94	1.12	1.12	1.16
	RRu	1.86	1.52	1.33	1.34
	P	N.S.	+++	+++	+++
Random	RR	1.32	1.21	1.22	1.24
	RRl	0.94	0.94	1.12	1.12
	RRu	1.86	1.54	1.34	1.36

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                        Table 17
             ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
                                   By sex - least-adjusted


                           combined        male        female        Total


Relative risks
                      P      N.S.         N.S.          +++           +++
               Asymm  P      N.S.          *            N.S.          N.S.
               Between Chi                0.00          0.19          0.67
               Between df                 1             1             2
               Between P                 N.S.          N.S.          N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                                   Table 18
             ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
                                    By source of exposure - most-adjusted


spouse

                                                         Number Exposed  Non-exposed
   StN Ref    NRR       SEX EXP TIM TYP TY2 ADJ     Case    Cont    Case    Cont      RR        95.00%CI
   2   LEE    2         m   s   m   n   s   2        -       -       -       -       0.84 (  0.29-   2.45)
   2   LEE    4         f   s   m   n   s   2        -       -       -       -       0.92 (  0.50-   1.68)
   Subtotal 2                                                                        0.90 (  0.53-   1.52)
   4   DONNAN 1         c   s   e   b   c   3        -       -       -       -       1.60 (  0.60-   3.90)
   8   YOU    8         c   s   e   n   i   5        -       -       -       -       1.70 (  0.98-   2.92)
  *15  QURESH 2         f   s   e   b   s   7        -       -       -       -       0.90 (  0.60-   1.30)
  *16  ZHANG  6         f   s   e   n   s   14       -       -       -       -       1.27 (  1.05-   1.54)
  *17  WEN    1         f   s   m   f   s   9        -       -       -       -       1.33 (  0.96-   1.84)
   Partial Totals                                    0       0       0       0
   *prospective study


total

                                                         Number Exposed  Non-exposed
   StN Ref    NRR       SEX EXP TIM TYP TY2 ADJ     Case    Cont    Case    Cont      RR        95.00%CI

   6   HOWARD 2         c   t   c   n   n   10       -       -       -       -       1.06 (  0.64-   1.75)
   7   BONITA 4         m   2   t   b   s   4        -       -       -       -       2.10 (  1.33-   3.32)
   7   BONITA 5         f   2   t   b   s   4        -       -       -       -       1.66 (  1.07-   2.57)
   Subtotal 7                                                                        1.58 (  1.21-   2.07)
  *10  YAMADA 2         m   t   e   f   h   1        -       -       -       -       1.13 (  0.19-   6.85)
  *10  YAMADA 1         f   t   e   f   h   1        -       -       -       -       0.94 (  0.57-   1.55)
   Subtotal 10                                                                       0.95 (  0.59-   1.54)
  *13  WHINCU 8         m   c   c   b   s   16       -       -       -       -       1.54 (  0.68-   3.47)
   Partial Totals                                    0       0       0       0
   *prospective study


househ

                                                         Number Exposed  Non-exposed
   StN Ref    NRR       SEX EXP TIM TYP TY2 ADJ     Case    Cont    Case    Cont      RR        95.00%CI

  *1   GILLIS 1         m   h   x   f   v   1        -       -       -       -       0.33 (  0.04-   2.84)
  *1   GILLIS 2         f   h   x   f   v   1        -       -       -       -       1.88 (  0.22-  16.02)
   Subtotal 1                                                                        0.78 (  0.17-   3.55)
  *5   SANDLE 2         m   h   e   f   v   4        -       -       -       -       0.97 (  0.65-   1.46)
  *5   SANDLE 4         f   h   e   f   v   4        -       -       -       -       1.24 (  1.03-   1.49)
   Subtotal 5                                                                        1.19 (  1.00-   1.41)
   9   IRIBA1 1         m   h   c   n   s   11       -       -       -       -       0.25 (  0.04-   0.82)
   9   IRIBA1 9         f   h   c   n   s   11       -       -       -       -       1.23 (  0.75-   1.96)
   Subtotal 9                                                                        1.06 (  0.67-   1.68)
   11  ANDERS 7         m   h   e   b   h   8        -       -       -       -       0.50 (  0.20-   1.30)
   11  ANDERS 6         f   h   e   b   h   8        -       -       -       -       1.30 (  0.70-   2.30)
   Subtotal 11                                                                       0.99 (  0.60-   1.63)
  *12  IRIBA2 27        m   h   c   b   i   10       -       -       -       -       1.02 (  0.71-   1.48)
  *12  IRIBA2 39        f   h   c   b   i   10       -       -       -       -       1.17 (  0.92-   1.50)
   Subtotal 12                                                                       1.12 (  0.92-   1.37)
   14  MCGHEE 1         m   h   p   f   s   2        -       -       -       -       1.31 (  0.87-   1.99)
   14  MCGHEE 2         f   h   p   f   s   2        -       -       -       -       1.57 (  1.11-   2.24)
   Subtotal 14                                                                       1.46 (  1.11-   1.90)
  *18  HILL1  1         m   h   c   f   v   2        -       -       -       -       1.59 (  1.14-   2.21)
  *18  HILL1  2         f   h   c   f   v   9        -       -       -       -       0.90 (  0.67-   1.21)
   Subtotal 18                                                                       1.16 (  0.93-   1.44)
  *19  HILL2  1         m   h   c   f   v   9        -       -       -       -       1.82 (  1.20-   2.77)
  *19  HILL2  2         f   h   c   f   v   9        -       -       -       -       1.17 (  0.76-   1.82)
   Subtotal 19                                                                       1.47 (  1.09-   1.99)
   Partial Totals                                    0       0       0       0
   *prospective study
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                         Table 18
              ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
                                By source of exposure - most-adjusted

                              spouse        total         househ         Total


Relative risks


                      N            7             6            16            29
                      NS           6             4             8            18


                      Wt      197.87         75.90        438.99        712.76
             Het  Chi         5.86          7.31         23.79         38.60
             Het  df             6             5            15            28
             Het  P           N.S.          N.S.           (*)           (*)
             Fixed  RR        1.22          1.41          1.21          1.23
                    RRl       1.07          1.13          1.10          1.15
                    RRu       1.41          1.77          1.33          1.33
                    P           ++            ++           +++           +++
             Random  RR       1.22          1.40          1.20          1.23
                    RRl       1.07          1.05          1.05          1.12
                    RRu       1.41          1.86          1.37          1.35
                    P           ++             +            ++           +++
             Asymm  P         N.S.          N.S.          N.S.          N.S.
             Between Chi                    1.14          0.03          1.64
             Between df                        1             1             2
             Between P                      N.S.          N.S.          N.S.
```

```
--------------------------------------------------------------------------------------
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
```

```
                                                Table 19
              ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
                                    By continent - most-adjusted


NAmerica

                                                Number Exposed  Non-exposed
 StN Ref      NRR     SEX EXP TIM TYP TY2 ADJ   Case   Cont    Case   Cont    RR        95.00%CI
*5   SANDLE 2         m   h   e   f   v   4      -      -       -      -       0.97 (  0.65-   1.46)
*5   SANDLE 4         f   h   e   f   v   4      -      -       -      -       1.24 (  1.03-   1.49)
 Subtotal 5                                                                   1.19 (  1.00-   1.41)
 6   HOWARD 2         c   t   c   n   n   10     -      -       -      -       1.06 (  0.64-   1.75)
 9   IRIBA1 1         m   h   c   n   s   11     -      -       -      -       0.25 (  0.04-   0.82)
 9   IRIBA1 9         f   h   c   n   s   11     -      -       -      -       1.23 (  0.75-   1.96)
 Subtotal 9                                                                   1.06 (  0.67-   1.68)
*12  IRIBA2 27        m   h   c   b   i   10     -      -       -      -       1.02 (  0.71-   1.48)
*12  IRIBA2 39        f   h   c   b   i   10     -      -       -      -       1.17 (  0.92-   1.50)
 Subtotal 12                                                                  1.12 (  0.92-   1.37)
*15  QURESH 2         f   s   e   b   s   7      -      -       -      -       0.90 (  0.60-   1.30)
Partial Totals                                  0      0       0      0
*prospective study


Europe

                                                Number Exposed  Non-exposed
 StN Ref      NRR     SEX EXP TIM TYP TY2 ADJ   Case   Cont    Case   Cont    RR        95.00%CI

*1   GILLIS 1         m   h   x   f   v   1      -      -       -      -       0.33 (  0.04-   2.84)
*1   GILLIS 2         f   h   x   f   v   1      -      -       -      -       1.88 (  0.22-  16.02)
 Subtotal 1                                                                   0.78 (  0.17-   3.55)
 2   LEE    2         m   s   m   n   s   2      -      -       -      -       0.84 (  0.29-   2.45)
 2   LEE    4         f   s   m   n   s   2      -      -       -      -       0.92 (  0.50-   1.68)
 Subtotal 2                                                                   0.90 (  0.53-   1.52)
*13  WHINCU 8         m   c   c   b   s   16     -      -       -      -       1.54 (  0.68-   3.47)
Partial Totals                                  0      0       0      0
*prospective study


Asia

                                                Number Exposed  Non-exposed
 StN Ref      NRR     SEX EXP TIM TYP TY2 ADJ   Case   Cont    Case   Cont    RR        95.00%CI

*10  YAMADA 2         m   t   e   f   h   1      -      -       -      -       1.13 (  0.19-   6.85)
*10  YAMADA 1         f   t   e   f   h   1      -      -       -      -       0.94 (  0.57-   1.55)
 Subtotal 10                                                                  0.95 (  0.59-   1.54)
 14  MCGHEE 1         m   h   p   f   s   2      -      -       -      -       1.31 (  0.87-   1.99)
 14  MCGHEE 2         f   h   p   f   s   2      -      -       -      -       1.57 (  1.11-   2.24)
 Subtotal 14                                                                  1.46 (  1.11-   1.90)
*16  ZHANG  6         f   s   e   n   s   14     -      -       -      -       1.27 (  1.05-   1.54)
*17  WEN    1         f   s   m   f   s   9      -      -       -      -       1.33 (  0.96-   1.84)
Partial Totals                                  0      0       0      0
*prospective study


Other

                                                Number Exposed  Non-exposed
 StN Ref      NRR     SEX EXP TIM TYP TY2 ADJ   Case   Cont    Case   Cont    RR        95.00%CI

 4   DONNAN 1         c   s   e   b   c   3      -      -       -      -       1.60 (  0.60-   3.90)
 7   BONITA 4         m   2   t   b   s   4      -      -       -      -       2.10 (  1.33-   3.32)
 7   BONITA 5         f   2   t   b   s   4      -      -       -      -       1.66 (  1.07-   2.57)
 Subtotal 7                                                                   1.83 (  1.36-   2.47)
 8   YOU    8         c   s   e   n   i   5      -      -       -      -       1.70 (  0.98-   2.92)
 11  ANDERS 7         m   h   e   b   h   8      -      -       -      -       0.50 (  0.20-   1.30)
 11  ANDERS 6         f   h   e   b   h   8      -      -       -      -       1.30 (  0.70-   2.30)
 Subtotal 11                                                                  0.99 (  0.60-   1.63)
*18  HILL1  1         m   h   c   f   v   2      -      -       -      -       1.59 (  1.14-   2.21)
*18  HILL1  2         f   h   c   f   v   9      -      -       -      -       0.90 (  0.67-   1.21)
 Subtotal 18                                                                  1.16 (  0.93-   1.44)
*19  HILL2  1         m   h   c   f   v   9      -      -       -      -       1.82 (  1.20-   2.77)
*19  HILL2  2         f   h   c   f   v   9      -      -       -      -       1.17 (  0.76-   1.82)
 Subtotal 19                                                                  1.47 (  1.09-   1.99)
Partial Totals                                  0      0       0      0
*prospective study


--------------------------------------------------------------------------------------------
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
```

```
                                    Table 19
        ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
                             By continent - most-adjusted

                       NAmerica        Europe          Asia          Other          Total


Relative risks


               N            8              5             6             10             29
               NS           5              3             4              6             18


               Wt       288.19          21.30        211.22         192.05         712.76
      Het  Chi      7.23           2.61          2.82          20.09          38.60
      Het  df          7              4             5              9             28
      Het  P         N.S.           N.S.          N.S.            *             (*)
      Fixed RR       1.12           1.03          1.30           1.37           1.23
            RRl      1.00           0.67          1.13           1.19           1.15
            RRu      1.26           1.57          1.48           1.58           1.33
            P          +            N.S.          +++            +++            +++
      Random RR      1.12           1.03          1.30           1.40           1.23
            RRl      0.99           0.67          1.13           1.12           1.12
            RRu      1.26           1.57          1.48           1.75           1.35
            P         (+)           N.S.          +++             ++            +++
      Asymm P          *            N.S.          N.S.           N.S.           N.S.
      Between Chi                   0.15          2.49           4.54           5.84
      Between df                      1             1              1              3
      Between P                     N.S.          N.S.            +             N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c)
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)   4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 20
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Number Exposed Cont	Non-exposed Case	Non-exposed Cont	RR	95.00%CI
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 (	0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 (	0.22- 16.02)
	Subtotal 1												0.78 (	0.17- 3.55)
2	LEE	21	m	4	c	n	s	1	-	-	-	-	1.35 (	0.44- 4.12)
2	LEE	22	f	4	c	n	s	1	-	-	-	-	1.19 (	0.57- 2.50)
	Subtotal 2												1.24 (	0.67- 2.29)
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 (	0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 (	0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 (	1.03- 1.49)
	Subtotal 5												1.19 (	1.00- 1.41)
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06 (	0.64- 1.75)
7	BONITA	4	m	2	t	b	s	4	-	-	-	-	2.10 (	1.33- 3.32)
7	BONITA	5	f	2	t	b	s	4	-	-	-	-	1.66 (	1.07- 2.57)
	Subtotal 7												1.86 (	1.35- 2.55)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 (	0.98- 2.92)
9	IRIBA1	7	m	t	c	n	s	11	-	-	-	-	0.27 (	0.11- 0.57)
9	IRIBA1	15	f	t	c	n	s	11	-	-	-	-	0.89 (	0.57- 1.38)
	Subtotal 9												0.68 (	0.46- 1.01)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 (	0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 (	0.57- 1.55)
	Subtotal 10												0.95 (	0.59- 1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 (	0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 (	0.70- 2.30)
	Subtotal 11												0.99 (	0.60- 1.63)
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02 (	0.71- 1.48)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17 (	0.92- 1.50)
	Subtotal 12												1.12 (	0.92- 1.37)
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54 (	0.68- 3.47)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 (	0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 (	1.11- 2.24)
	Subtotal 14												1.46 (	1.11- 1.90)
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90 (	0.60- 1.30)
*16	ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44 (	1.20- 1.72)
*17	WEN	16	f	16	e	f	s	9	-	-	-	-	1.64 (	0.91- 2.95)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 (	1.14- 2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90 (	0.67- 1.21)
	Subtotal 18												1.16 (	0.93- 1.44)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82 (	1.20- 2.77)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17 (	0.76- 1.82)
	Subtotal 19												1.47 (	1.09- 1.99)
Partial Totals									0	0	0	0		

*prospective study

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.49	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.14	0.5639
	Subtotal 1								-0.92	1.68	1.63	
2	LEE	21	m	4	c	n	s	1	0.30	3.07	0.02	0.5989
2	LEE	22	f	4	c	n	s	1	0.17	7.03	0.02	0.6446
	Subtotal 2								0.03	10.10	0.03	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.27	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.48	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.00	0.0224
	Subtotal 5								-0.26	136.18	1.48	
6	HOWARD	2	c	t	c	n	n	10	0.06	15.19	0.40	0.8204
7	BONITA	4	m	2	t	b	s	4	0.74	18.36	4.99	0.0015
7	BONITA	5	f	2	t	b	s	4	0.51	20.01	1.64	0.0234
	Subtotal 7								0.81	38.37	6.63	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.24	0.0568
9	IRIBA1	7	m	t	c	n	s	11	-1.31	5.68	13.29	0.0018
9	IRIBA1	15	f	t	c	n	s	11	-0.12	19.65	2.23	0.6054
	Subtotal 9								-1.87	25.33	15.52	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.01	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.22	0.8084

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 20
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
Overall - most-adjusted

Overall

```
 StN Ref     NRR      SEX EXP TIM TYP TY2 ADJ           Ys      Ws      Qs      Ps
  Subtotal 10                                         -0.38   16.55    1.24
  11  ANDERS 7        m   h   e   b   h   8            -0.69    4.39    3.66    0.1466
  11  ANDERS 6        f   h   e   b   h   8             0.26   10.86    0.02    0.3873
  Subtotal 11                                         -0.87   15.24    3.68
 *12  IRIBA2 27       m   h   c   b   i   10            0.02   28.48    1.15    0.9158
 *12  IRIBA2 39       f   h   c   b   i   10            0.16   64.30    0.26    0.2080
  Subtotal 12                                         -0.26   92.78    1.41
 *13  WHINCU 8        m   c   c   b   s   16            0.43    5.78    0.26    0.2990
  14  MCGHEE 1        m   h   p   f   s   2             0.27   22.45    0.06    0.2008
  14  MCGHEE 2        f   h   p   f   s   2             0.45   31.17    1.66    0.0118
  Subtotal 14                                          0.28   53.62    1.71
 *15  QURESH 2        f   s   e   b   s   7            -0.11   25.70    2.73    0.5932
 *16  ZHANG  22       f   s   c   n   s   14            0.36  118.56    2.46    0.0001
 *17  WEN    16       f   16  e   f   s   9             0.49   11.11    0.84    0.0992
 *18  HILL1  1        m   h   c   f   v   2             0.46   35.07    2.08    0.0060
 *18  HILL1  2        f   h   c   f   v   9            -0.11   43.98    4.67    0.4847
  Subtotal 18                                         -0.08   79.04    6.74
 *19  HILL2  1        m   h   c   f   v   9             0.60   21.96    3.14    0.0050
 *19  HILL2  2        f   h   c   f   v   9             0.16   20.15    0.08    0.4810
  Subtotal 19                                          0.31   42.11    3.22
```

Relative risks

```
                       N       29
                       NS      18


                       Wt     704.63
                 Het Chi       51.51
                 Het  df          28
                 Het  P          **
                Fixed  RR       1.25
                       RRl      1.16
                       RRu      1.34
                       P        +++
               Random  RR       1.22
                       RRl      1.09
                       RRu      1.37
                       P        +++
                Asymm  P        N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 21
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
Overall - least-adjusted

```
Overall
                                             Number Exposed   Non-exposed
  StN  Ref     NRR      SEX EXP TIM TYP TY2 ADJ  Case   Cont    Case   Cont      RR       95.00%CI
  *1   GILLIS 1          m   h   x   f   v   1    -      -       -      -      0.33 (  0.04-   2.84)
  *1   GILLIS 2          f   h   x   f   v   1    -      -       -      -      1.88 (  0.22-  16.02)
   Subtotal 1                                                                  0.78 (  0.17-   3.55)
  2    LEE    21         m   4   c   n   s   1    -      -       -      -      1.35 (  0.44-   4.12)
  2    LEE    22         f   4   c   n   s   1    -      -       -      -      1.19 (  0.57-   2.50)
   Subtotal 2                                                                  1.24 (  0.67-   2.29)
  4    DONNAN 1          c   s   e   b   c   3    -      -       -      -      1.60 (  0.60-   3.90)
  *5   SANDLE 2          m   h   e   f   v   4    -      -       -      -      0.97 (  0.65-   1.46)
  *5   SANDLE 4          f   h   e   f   v   4    -      -       -      -      1.24 (  1.03-   1.49)
   Subtotal 5                                                                  1.19 (  1.00-   1.41)
  6    HOWARD 1          c   t   c   n   n   2    -      -       -      -      1.03 (  0.63-   1.67)
  7    BONITA 1          m   2   t   b   s   1    -      -       -      -      2.06 (  1.34-   3.17)
  7    BONITA 2          f   2   t   b   s   1    -      -       -      -      1.50 (  1.01-   2.21)
   Subtotal 7                                                                  1.73 (  1.30-   2.31)
  8    YOU    8          c   s   e   n   i   5    -      -       -      -      1.70 (  0.98-   2.92)
  9    IRIBA1 7          m   t   c   n   s   11   -      -       -      -      0.27 (  0.11-   0.57)
  9    IRIBA1 15         f   t   c   n   s   11   -      -       -      -      0.89 (  0.57-   1.38)
   Subtotal 9                                                                  0.68 (  0.46-   1.01)
  *10  YAMADA 2          m   t   e   f   h   1    -      -       -      -      1.13 (  0.19-   6.85)
  *10  YAMADA 1          f   t   e   f   h   1    -      -       -      -      0.94 (  0.57-   1.55)
   Subtotal 10                                                                 0.95 (  0.59-   1.54)
  11   ANDERS 7          m   h   e   b   h   8    -      -       -      -      0.50 (  0.20-   1.30)
  11   ANDERS 6          f   h   e   b   h   8    -      -       -      -      1.30 (  0.70-   2.30)
   Subtotal 11                                                                 0.99 (  0.60-   1.63)
  *12  IRIBA2 3          m   h   c   b   i   1    -      -       -      -      1.12 (  0.78-   1.60)
  *12  IRIBA2 15         f   h   c   b   i   1    -      -       -      -      1.23 (  0.97-   1.57)
   Subtotal 12                                                                 1.19 (  0.98-   1.46)
  *13  WHINCU 4          m   c   c   b   s   2    -      -       -      -      0.96 (  0.49-   1.89)
  14   MCGHEE 1          m   h   p   f   s   2    -      -       -      -      1.31 (  0.87-   1.99)
  14   MCGHEE 2          f   h   p   f   s   2    -      -       -      -      1.57 (  1.11-   2.24)
   Subtotal 14                                                                 1.46 (  1.11-   1.90)
  *15  QURESH 1          f   s   e   b   s   1    -      -       -      -      0.90 (  0.60-   1.40)
  *16  ZHANG  33         f   s   c   n   s   1    -      -       -      -      1.46 (  1.23-   1.72)
  *17  WEN    16         f  16   e   f   s   9    -      -       -      -      1.64 (  0.91-   2.95)
  *18  HILL1  1          m   h   c   f   v   2    -      -       -      -      1.59 (  1.14-   2.21)
  *18  HILL1  3          f   h   c   f   v   2    -      -       -      -      0.88 (  0.66-   1.17)
   Subtotal 18                                                                 1.13 (  0.91-   1.41)
  *19  HILL2  3          m   h   c   f   v   2    -      -       -      -      1.91 (  1.23-   2.96)
  *19  HILL2  4          f   h   c   f   v   2    -      -       -      -      1.16 (  0.75-   1.79)
   Subtotal 19                                                                 1.48 (  1.09-   2.02)
Partial Totals                                   0      0       0      0
*prospective study


  StN  Ref     NRR      SEX EXP TIM TYP TY2 ADJ       Ys        Ws       Qs       Ps

  *1   GILLIS 1          m   h   x   f   v   1        -1.11     0.85     1.51     0.3080
  *1   GILLIS 2          f   h   x   f   v   1         0.63     0.84     0.14     0.5639
   Subtotal 1                                         -0.93     1.68     1.65
  2    LEE    21         m   4   c   n   s   1         0.30     3.07     0.02     0.5989
  2    LEE    22         f   4   c   n   s   1         0.17     7.03     0.02     0.6446
   Subtotal 2                                          0.02    10.10     0.04
  4    DONNAN 1          c   s   e   b   c   3         0.47     4.39     0.26     0.3250
  *5   SANDLE 2          m   h   e   f   v   4        -0.03    23.47     1.56     0.8827
  *5   SANDLE 4          f   h   e   f   v   4         0.22   112.72     0.02     0.0224
   Subtotal 5                                         -0.27   136.18     1.58
  6    HOWARD 1          c   t   c   n   n   2         0.03    16.17     0.63     0.9054
  7    BONITA 1          m   2   t   b   s   1         0.72    20.72     5.08     0.0010
  7    BONITA 2          f   2   t   b   s   1         0.41    25.06     0.79     0.0424
   Subtotal 7                                          0.67    45.78     5.87
  8    YOU    8          c   s   e   n   i   5         0.53    12.89     1.18     0.0568
  9    IRIBA1 7          m   t   c   n   s   11       -1.31     5.68    13.41     0.0018
  9    IRIBA1 15         f   t   c   n   s   11       -0.12    19.65     2.33     0.6054
   Subtotal 9                                         -1.88    25.33    15.74
  *10  YAMADA 2          m   t   e   f   h   1         0.12     1.20     0.01     0.8937
  *10  YAMADA 1          f   t   e   f   h   1        -0.06    15.35     1.29     0.8084
------------------------------------------------------------------------------------
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 21
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
	Subtotal 10								-0.40	16.55	1.30	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.72	0.1466
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.01	0.3873
	Subtotal 11								-0.89	15.24	3.73	
*12	IRIBA2	3	m	h	c	b	i	1	0.11	29.77	0.39	0.5364
*12	IRIBA2	15	f	h	c	b	i	1	0.21	66.27	0.03	0.0920
	Subtotal 12								-0.14	96.04	0.42	
*13	WHINCU	4	m	c	c	b	s	2	-0.04	8.43	0.61	0.9056
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.04	0.2008
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.56	0.0118
	Subtotal 14								0.27	53.62	1.60	
*15	QURESH	1	f	s	e	b	s	1	-0.11	21.40	2.37	0.6259
*16	ZHANG	33	f	s	c	n	s	1	0.38	136.67	3.11	0.0000
*17	WEN	16	f	16	e	f	s	9	0.49	11.11	0.79	0.0992
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.95	0.0060
*18	HILL1	3	f	h	c	f	v	2	-0.13	46.88	5.93	0.3814
	Subtotal 18								-0.12	81.94	7.88	
*19	HILL2	3	m	h	c	f	v	2	0.65	19.92	3.50	0.0039
*19	HILL2	4	f	h	c	f	v	2	0.15	20.31	0.13	0.5036
	Subtotal 19								0.34	40.23	3.63	

Relative risks

N		29
NS		18
Wt		733.76
Het Chi		52.39
Het df		28
Het P		**
Fixed RR		1.26
RRl		1.17
RRu		1.35
P		+++
Random RR		1.22
RRl		1.09
RRu		1.36
P		+++
Asymm P		N.S.

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                                  Table 22
                     ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
                                              By sex - most-adjusted


combined

                                                        Number Exposed  Non-exposed
  StN Ref     NRR        SEX EXP TIM TYP TY2 ADJ        Case   Cont     Case   Cont      RR       95.00%CI
   4   DONNAN 1           c   s   e   b   c   3          -      -        -      -       1.60 (  0.60-   3.90)
   6   HOWARD 2           c   t   c   n   n   10         -      -        -      -       1.06 (  0.64-   1.75)
   8   YOU    8           c   s   e   n   i   5          -      -        -      -       1.70 (  0.98-   2.92)
  Partial Totals                                        0      0        0      0
  *prospective study

male

                                                        Number Exposed  Non-exposed
  StN Ref     NRR        SEX EXP TIM TYP TY2 ADJ        Case   Cont     Case   Cont      RR       95.00%CI

  *1   GILLIS 1           m   h   x   f   v   1          -      -        -      -       0.33 (  0.04-   2.84)
   2   LEE    21          m   4   c   n   s   1          -      -        -      -       1.35 (  0.44-   4.12)
  *5   SANDLE 2           m   h   e   f   v   4          -      -        -      -       0.97 (  0.65-   1.46)
   7   BONITA 4           m   2   t   b   s   4          -      -        -      -       2.10 (  1.33-   3.32)
   9   IRIBA1 7           m   t   c   n   s   11         -      -        -      -       0.27 (  0.11-   0.57)
  *10  YAMADA 2           m   t   e   f   h   1          -      -        -      -       1.13 (  0.19-   6.85)
  11   ANDERS 7           m   h   e   b   h   8          -      -        -      -       0.50 (  0.20-   1.30)
  *12  IRIBA2 27          m   h   c   b   i   10         -      -        -      -       1.02 (  0.71-   1.48)
  *13  WHINCU 8           m   c   c   b   s   16         -      -        -      -       1.54 (  0.68-   3.47)
  14   MCGHEE 1           m   h   p   f   s   2          -      -        -      -       1.31 (  0.87-   1.99)
  *18  HILL1  1           m   h   c   f   v   2          -      -        -      -       1.59 (  1.14-   2.21)
  *19  HILL2  1           m   h   c   f   v   9          -      -        -      -       1.82 (  1.20-   2.77)
  Partial Totals                                        0      0        0      0
  *prospective study

female

                                                        Number Exposed  Non-exposed
  StN Ref     NRR        SEX EXP TIM TYP TY2 ADJ        Case   Cont     Case   Cont      RR       95.00%CI

  *1   GILLIS 2           f   h   x   f   v   1          -      -        -      -       1.88 (  0.22-  16.02)
   2   LEE    22          f   4   c   n   s   1          -      -        -      -       1.19 (  0.57-   2.50)
  *5   SANDLE 4           f   h   e   f   v   4          -      -        -      -       1.24 (  1.03-   1.49)
   7   BONITA 5           f   2   t   b   s   4          -      -        -      -       1.66 (  1.07-   2.57)
   9   IRIBA1 15          f   t   c   n   s   11         -      -        -      -       0.89 (  0.57-   1.38)
  *10  YAMADA 1           f   t   e   f   h   1          -      -        -      -       0.94 (  0.57-   1.55)
  11   ANDERS 6           f   h   e   b   h   8          -      -        -      -       1.30 (  0.70-   2.30)
  *12  IRIBA2 39          f   h   c   b   i   10         -      -        -      -       1.17 (  0.92-   1.50)
  14   MCGHEE 2           f   h   p   f   s   2          -      -        -      -       1.57 (  1.11-   2.24)
  *15  QURESH 2           f   s   e   b   s   7          -      -        -      -       0.90 (  0.60-   1.30)
  *16  ZHANG  22          f   s   c   n   s   14         -      -        -      -       1.44 (  1.20-   1.72)
  *17  WEN    16          f   16  e   f   s   9          -      -        -      -       1.64 (  0.91-   2.95)
  *18  HILL1  2           f   h   c   f   v   9          -      -        -      -       0.90 (  0.67-   1.21)
  *19  HILL2  2           f   h   c   f   v   9          -      -        -      -       1.17 (  0.76-   1.82)
  Partial Totals                                        0      0        0      0
  *prospective study

                                  combined        male        female        Total
  Relative risks


                           N         3             12            14            29
                           NS        3             12            14            29


                           Wt       32.46         170.74        501.43        704.63
                    Het Chi          1.70          31.55         17.90         51.51
                    Het  df          2             11            13            28
                    Het  P          N.S.          ***           N.S.          **
                    Fixed  RR        1.35          1.27          1.23          1.25
                           RRl       0.96          1.09          1.13          1.16
                           RRu       1.91          1.48          1.34          1.34
                           P        (+)           ++            +++           +++
                    Random  RR       1.35          1.15          1.21          1.22
                           RRl       0.96          0.86          1.08          1.09
                           RRu       1.91          1.54          1.36          1.37
------------------------------------------------------------------------------------------
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)  4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
```

```
                                            Table 22
            ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
                                       By sex - most-adjusted

                              combined        male        female         Total


Relative risks
                       P        (+)          N.S.          +++           +++
               Asymm   P       N.S.          N.S.          N.S.          N.S.
              Between Chi                     0.10          0.26          0.36
              Between  df                        1             1             2
              Between  P                      N.S.          N.S.          N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                            Table 23
              ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
                                        By sex - least-adjusted


combined
                                                  Number Exposed  Non-exposed
  StN Ref      NRR     SEX EXP TIM TYP TY2 ADJ    Case    Cont    Case    Cont      RR        95.00%CI
   4   DONNAN 1        c   s   e   b   c   3        -       -       -       -      1.60 (  0.60-   3.90)
   6   HOWARD 1        c   t   c   n   n   2        -       -       -       -      1.03 (  0.63-   1.67)
   8   YOU    8        c   s   e   n   i   5        -       -       -       -      1.70 (  0.98-   2.92)
  Partial Totals                                   0       0       0       0
  *prospective study

male
                                                  Number Exposed  Non-exposed
  StN Ref      NRR     SEX EXP TIM TYP TY2 ADJ    Case    Cont    Case    Cont      RR        95.00%CI

  *1   GILLIS 1        m   h   x   f   v   1        -       -       -       -      0.33 (  0.04-   2.84)
   2   LEE    21       m   4   c   n   s   1        -       -       -       -      1.35 (  0.44-   4.12)
  *5   SANDLE 2        m   h   e   f   v   4        -       -       -       -      0.97 (  0.65-   1.46)
   7   BONITA 1        m   2   t   b   s   1        -       -       -       -      2.06 (  1.34-   3.17)
   9   IRIBA1 7        m   t   c   n   s   11       -       -       -       -      0.27 (  0.11-   0.57)
  *10  YAMADA 2        m   t   e   f   h   1        -       -       -       -      1.13 (  0.19-   6.85)
  11   ANDERS 7        m   h   e   b   h   8        -       -       -       -      0.50 (  0.20-   1.30)
  *12  IRIBA2 3        m   h   c   b   i   1        -       -       -       -      1.12 (  0.78-   1.60)
  *13  WHINCU 4        m   c   c   b   s   2        -       -       -       -      0.96 (  0.49-   1.89)
  14   MCGHEE 1        m   h   p   f   s   2        -       -       -       -      1.31 (  0.87-   1.99)
  *18  HILL1  1        m   h   c   f   v   2        -       -       -       -      1.59 (  1.14-   2.21)
  *19  HILL2  3        m   h   c   f   v   2        -       -       -       -      1.91 (  1.23-   2.96)
  Partial Totals                                   0       0       0       0
  *prospective study

female
                                                  Number Exposed  Non-exposed
  StN Ref      NRR     SEX EXP TIM TYP TY2 ADJ    Case    Cont    Case    Cont      RR        95.00%CI

  *1   GILLIS 2        f   h   x   f   v   1        -       -       -       -      1.88 (  0.22-  16.02)
   2   LEE    22       f   4   c   n   s   1        -       -       -       -      1.19 (  0.57-   2.50)
  *5   SANDLE 4        f   h   e   f   v   4        -       -       -       -      1.24 (  1.03-   1.49)
   7   BONITA 2        f   2   t   b   s   1        -       -       -       -      1.50 (  1.01-   2.21)
   9   IRIBA1 15       f   t   c   n   s   11       -       -       -       -      0.89 (  0.57-   1.38)
  *10  YAMADA 1        f   t   e   f   h   1        -       -       -       -      0.94 (  0.57-   1.55)
  11   ANDERS 6        f   h   e   b   h   8        -       -       -       -      1.30 (  0.70-   2.30)
  *12  IRIBA2 15       f   h   c   b   i   1        -       -       -       -      1.23 (  0.97-   1.57)
  14   MCGHEE 2        f   h   p   f   s   2        -       -       -       -      1.57 (  1.11-   2.24)
  *15  QURESH 1        f   s   e   b   s   1        -       -       -       -      0.90 (  0.60-   1.40)
  *16  ZHANG  33       f   s   c   n   s   1        -       -       -       -      1.46 (  1.23-   1.72)
  *17  WEN    16       f   16  e   f   s   9        -       -       -       -      1.64 (  0.91-   2.95)
  *18  HILL1  3        f   h   c   f   v   2        -       -       -       -      0.88 (  0.66-   1.17)
  *19  HILL2  4        f   h   c   f   v   2        -       -       -       -      1.16 (  0.75-   1.79)
  Partial Totals                                   0       0       0       0
  *prospective study


                        combined        male        female         Total
  Relative risks


                    N        3            12            14            29
                    NS       3            12            14            29


                    Wt      33.45       175.00        525.31        733.76
               Het Chi       1.98        31.78         18.47         52.39
               Het  df          2           11            13            28
               Het   P      N.S.          ***          N.S.           **
             Fixed  RR       1.32         1.27          1.25          1.26
                    RRl      0.94         1.10          1.14          1.17
                    RRu      1.86         1.48          1.36          1.35
                    P       N.S.           ++           +++           +++
            Random  RR       1.32         1.13          1.22          1.22
                    RRl      0.94         0.85          1.09          1.09
                    RRu      1.86         1.50          1.37          1.36
-----------------------------------------------------------------------------------------
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)  4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
```

```
                                               Table 23
                ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
                                         By sex - least-adjusted


                          combined        male         female        Total


Relative risks

                     P        N.S.        N.S.          +++           +++
             Asymm   P        N.S.        N.S.          N.S.          N.S.
             Between Chi                  0.04          0.12          0.16
             Between  df                     1             1             2
             Between  P                    N.S.          N.S.          N.S.
```

```
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)  4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
```

Table 24
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
By source of exposure - most-adjusted

spouse

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
4 DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 (	0.60- 3.90)
8 YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 (	0.98- 2.92)
*15 QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90 (	0.60- 1.30)
*16 ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44 (	1.20- 1.72)
Partial Totals								0	0	0	0		

*prospective study

total

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
2 LEE	21	m	4	c	n	s	1	-	-	-	-	1.35 (	0.44- 4.12)
2 LEE	22	f	4	c	n	s	1	-	-	-	-	1.19 (	0.57- 2.50)
Subtotal 2												1.24 (	0.67- 2.29)
6 HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06 (	0.64- 1.75)
7 BONITA	4	m	2	t	b	s	4	-	-	-	-	2.10 (	1.33- 3.32)
7 BONITA	5	f	2	t	b	s	4	-	-	-	-	1.66 (	1.07- 2.57)
Subtotal 7												1.86 (	1.35- 2.55)
9 IRIBA1	7	m	t	c	n	s	11	-	-	-	-	0.27 (	0.11- 0.57)
9 IRIBA1	15	f	t	c	n	s	11	-	-	-	-	0.89 (	0.57- 1.38)
Subtotal 9												0.68 (	0.46- 1.01)
*10 YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 (	0.19- 6.85)
*10 YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 (	0.57- 1.55)
Subtotal 10												0.95 (	0.59- 1.54)
*13 WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54 (	0.68- 3.47)
*17 WEN	16	f	16	e	f	s	9	-	-	-	-	1.64 (	0.91- 2.95)
Partial Totals								0	0	0	0		

*prospective study

househ

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
*1 GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 (	0.04- 2.84)
*1 GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 (	0.22- 16.02)
Subtotal 1												0.78 (	0.17- 3.55)
*5 SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 (	0.65- 1.46)
*5 SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 (	1.03- 1.49)
Subtotal 5												1.19 (	1.00- 1.41)
11 ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 (	0.20- 1.30)
11 ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 (	0.70- 2.30)
Subtotal 11												0.99 (	0.60- 1.63)
*12 IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02 (	0.71- 1.48)
*12 IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17 (	0.92- 1.50)
Subtotal 12												1.12 (	0.92- 1.37)
14 MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 (	0.87- 1.99)
14 MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 (	1.11- 2.24)
Subtotal 14												1.46 (	1.11- 1.90)
*18 HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 (	1.14- 2.21)
*18 HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90 (	0.67- 1.21)
Subtotal 18												1.16 (	0.93- 1.44)
*19 HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82 (	1.20- 2.77)
*19 HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17 (	0.76- 1.82)
Subtotal 19												1.47 (	1.09- 1.99)
Partial Totals								0	0	0	0		

*prospective study

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                    Table 24
          ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
                          By source of exposure - most-adjusted

                       spouse        total        househ        Total


Relative risks


                 N         4           11            14            29
                NS         4            7             7            18


                Wt    161.54       122.44        420.65        704.63
        Het Chi        5.53        24.86         19.59         51.51
        Het  df           3           10            13            28
        Het  P        N.S.           **          N.S.           **
        Fixed  RR      1.36         1.22          1.21          1.25
             RRl       1.16         1.02          1.10          1.16
             RRu       1.58         1.46          1.34          1.34
             P         +++            +           +++           +++
        Random  RR     1.31         1.17          1.21          1.22
             RRl       0.99         0.87          1.06          1.09
             RRu       1.74         1.57          1.38          1.37
             P         (+)         N.S.           ++           +++
        Asymm  P      N.S.         N.S.          N.S.          N.S.
        Between Chi                 0.81          1.46          1.53
        Between  df                    1             1             2
        Between  P                 N.S.          N.S.          N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                       Table 25
                ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
                                 By continent - most-adjusted


NAmerica

                                                  Number Exposed  Non-exposed
  StN Ref     NRR     SEX EXP TIM TYP TY2 ADJ     Case   Cont     Case   Cont      RR        95.00%CI
  *5   SANDLE  2       m   h   e   f   v   4       -      -        -      -        0.97 (  0.65-   1.46)
  *5   SANDLE  4       f   h   e   f   v   4       -      -        -      -        1.24 (  1.03-   1.49)
   Subtotal 5                                                                     1.19 (  1.00-   1.41)
   6   HOWARD  2       c   t   c   n   n   10      -      -        -      -        1.06 (  0.64-   1.75)
   9   IRIBA1  7       m   t   c   n   s   11      -      -        -      -        0.27 (  0.11-   0.57)
   9   IRIBA1  15      f   t   c   n   s   11      -      -        -      -        0.89 (  0.57-   1.38)
   Subtotal 9                                                                     0.68 (  0.46-   1.01)
  *12  IRIBA2  27      m   h   c   b   i   10      -      -        -      -        1.02 (  0.71-   1.48)
  *12  IRIBA2  39      f   h   c   b   i   10      -      -        -      -        1.17 (  0.92-   1.50)
   Subtotal 12                                                                    1.12 (  0.92-   1.37)
  *15  QURESH  2       f   s   e   b   s   7       -      -        -      -        0.90 (  0.60-   1.30)
  Partial Totals                                  0      0        0      0
  *prospective study


Europe

                                                  Number Exposed  Non-exposed
  StN Ref     NRR     SEX EXP TIM TYP TY2 ADJ     Case   Cont     Case   Cont      RR        95.00%CI

  *1   GILLIS  1       m   h   x   f   v   1       -      -        -      -        0.33 (  0.04-   2.84)
  *1   GILLIS  2       f   h   x   f   v   1       -      -        -      -        1.88 (  0.22-  16.02)
   Subtotal 1                                                                     0.78 (  0.17-   3.55)
   2   LEE     21      m   4   c   n   s   1       -      -        -      -        1.35 (  0.44-   4.12)
   2   LEE     22      f   4   c   n   s   1       -      -        -      -        1.19 (  0.57-   2.50)
   Subtotal 2                                                                     1.24 (  0.67-   2.29)
  *13  WHINCU  8       m   c   c   b   s   16      -      -        -      -        1.54 (  0.68-   3.47)
  Partial Totals                                  0      0        0      0
  *prospective study


Asia

                                                  Number Exposed  Non-exposed
  StN Ref     NRR     SEX EXP TIM TYP TY2 ADJ     Case   Cont     Case   Cont      RR        95.00%CI

  *10  YAMADA  2       m   t   e   f   h   1       -      -        -      -        1.13 (  0.19-   6.85)
  *10  YAMADA  1       f   t   e   f   h   1       -      -        -      -        0.94 (  0.57-   1.55)
   Subtotal 10                                                                    0.95 (  0.59-   1.54)
   14  MCGHEE  1       m   h   p   f   s   2       -      -        -      -        1.31 (  0.87-   1.99)
   14  MCGHEE  2       f   h   p   f   s   2       -      -        -      -        1.57 (  1.11-   2.24)
   Subtotal 14                                                                    1.46 (  1.11-   1.90)
  *16  ZHANG   22      f   s   c   n   s   14      -      -        -      -        1.44 (  1.20-   1.72)
  *17  WEN     16      f   16  e   f   s   9       -      -        -      -        1.64 (  0.91-   2.95)
  Partial Totals                                  0      0        0      0
  *prospective study


Other

                                                  Number Exposed  Non-exposed
  StN Ref     NRR     SEX EXP TIM TYP TY2 ADJ     Case   Cont     Case   Cont      RR        95.00%CI

   4   DONNAN  1       c   s   e   b   c   3       -      -        -      -        1.60 (  0.60-   3.90)
   7   BONITA  4       m   2   t   b   s   4       -      -        -      -        2.10 (  1.33-   3.32)
   7   BONITA  5       f   2   t   b   s   4       -      -        -      -        1.66 (  1.07-   2.57)
   Subtotal 7                                                                     1.83 (  1.36-   2.47)
   8   YOU     8       c   s   e   n   i   5       -      -        -      -        1.70 (  0.98-   2.92)
   11  ANDERS  7       m   h   e   b   h   8       -      -        -      -        0.50 (  0.20-   1.30)
   11  ANDERS  6       f   h   e   b   h   8       -      -        -      -        1.30 (  0.70-   2.30)
   Subtotal 11                                                                    0.99 (  0.60-   1.63)
  *18  HILL1   1       m   h   c   f   v   2       -      -        -      -        1.59 (  1.14-   2.21)
  *18  HILL1   2       f   h   c   f   v   9       -      -        -      -        0.90 (  0.67-   1.21)
   Subtotal 18                                                                    1.16 (  0.93-   1.44)
  *19  HILL2   1       m   h   c   f   v   9       -      -        -      -        1.82 (  1.20-   2.77)
  *19  HILL2   2       f   h   c   f   v   9       -      -        -      -        1.17 (  0.76-   1.82)
   Subtotal 19                                                                    1.47 (  1.09-   1.99)
  Partial Totals                                  0      0        0      0
  *prospective study


_____
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)  4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
```

Table 25
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
By continent - most-adjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	8	5	6	10	29
	NS	5	3	4	6	18
	Wt	295.18	17.57	199.84	192.05	704.63
Het	Chi	15.43	1.92	3.37	20.09	51.51
Het	df	7	4	5	9	28
Het	P	*	N.S.	N.S.	*	**
Fixed	RR	1.08	1.27	1.41	1.37	1.25
	RRl	0.96	0.80	1.22	1.19	1.16
	RRu	1.21	2.03	1.61	1.58	1.34
	P	N.S.	N.S.	+++	+++	+++
Random	RR	0.99	1.27	1.41	1.40	1.22
	RRl	0.82	0.80	1.22	1.12	1.09
	RRu	1.20	2.03	1.61	1.75	1.37
	P	N.S.	N.S.	+++	++	+++
Asymm	P	**	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.45	8.29	6.58	10.69
Between	df		1	1	1	3
Between	P		N.S.	++	+	*

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                                          Table 26
                  ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                                    Excluding studies of silent cerebral infarction
                                              Overall - most-adjusted


Overall
                                                          Number Exposed   Non-exposed
  StN  Ref      NRR       SEX EXP TIM TYP TY2 ADJ         Case    Cont     Case    Cont      RR        95.00%CI
 *1   GILLIS 1            m   h   x   f   v   1            -       -        -       -        0.33 (  0.04-   2.84)
 *1   GILLIS 2            f   h   x   f   v   1            -       -        -       -        1.88 (  0.22-  16.02)
  Subtotal 1                                                                               0.78 (  0.17-   3.55)
  2   LEE    2            m   s   m   n   s   2            -       -        -       -        0.84 (  0.29-   2.45)
  2   LEE    4            f   s   m   n   s   2            -       -        -       -        0.92 (  0.50-   1.68)
  Subtotal 2                                                                               0.90 (  0.53-   1.52)
  4   DONNAN 1            c   s   e   b   c   3            -       -        -       -        1.60 (  0.60-   3.90)
 *5   SANDLE 2            m   h   e   f   v   4            -       -        -       -        0.97 (  0.65-   1.46)
 *5   SANDLE 4            f   h   e   f   v   4            -       -        -       -        1.24 (  1.03-   1.49)
  Subtotal 5                                                                               1.19 (  1.00-   1.41)
  7   BONITA 4            m   2   t   b   s   4            -       -        -       -        2.10 (  1.33-   3.32)
  7   BONITA 5            f   2   t   b   s   4            -       -        -       -        1.66 (  1.07-   2.57)
  Subtotal 7                                                                               1.86 (  1.35-   2.55)
  8   YOU    8            c   s   e   n   i   5            -       -        -       -        1.70 (  0.98-   2.92)
  9   IRIBA1 1            m   h   c   n   s   11           -       -        -       -        0.25 (  0.04-   0.82)
  9   IRIBA1 9            f   h   c   n   s   11           -       -        -       -        1.23 (  0.75-   1.96)
  Subtotal 9                                                                               1.06 (  0.67-   1.68)
 *10  YAMADA 2            m   t   e   f   h   1            -       -        -       -        1.13 (  0.19-   6.85)
 *10  YAMADA 1            f   t   e   f   h   1            -       -        -       -        0.94 (  0.57-   1.55)
  Subtotal 10                                                                              0.95 (  0.59-   1.54)
  11  ANDERS 7            m   h   e   b   h   8            -       -        -       -        0.50 (  0.20-   1.30)
  11  ANDERS 6            f   h   e   b   h   8            -       -        -       -        1.30 (  0.70-   2.30)
  Subtotal 11                                                                              0.99 (  0.60-   1.63)
 *12  IRIBA2 27           m   h   c   b   i   10           -       -        -       -        1.02 (  0.71-   1.48)
 *12  IRIBA2 39           f   h   c   b   i   10           -       -        -       -        1.17 (  0.92-   1.50)
  Subtotal 12                                                                              1.12 (  0.92-   1.37)
 *13  WHINCU 8            m   c   c   b   s   16           -       -        -       -        1.54 (  0.68-   3.47)
  14  MCGHEE 1            m   h   p   f   s   2            -       -        -       -        1.31 (  0.87-   1.99)
  14  MCGHEE 2            f   h   p   f   s   2            -       -        -       -        1.57 (  1.11-   2.24)
  Subtotal 14                                                                              1.46 (  1.11-   1.90)
 *15  QURESH 2            f   s   e   b   s   7            -       -        -       -        0.90 (  0.60-   1.30)
 *16  ZHANG  22           f   s   c   n   s   14           -       -        -       -        1.44 (  1.20-   1.72)
 *17  WEN    2            f   s   c   f   s   9            -       -        -       -        1.52 (  1.08-   2.15)
 *18  HILL1  1            m   h   c   f   v   2            -       -        -       -        1.59 (  1.14-   2.21)
 *18  HILL1  2            f   h   c   f   v   9            -       -        -       -        0.90 (  0.67-   1.21)
  Subtotal 18                                                                              1.16 (  0.93-   1.44)
 *19  HILL2  1            m   h   c   f   v   9            -       -        -       -        1.82 (  1.20-   2.77)
 *19  HILL2  2            f   h   c   f   v   9            -       -        -       -        1.17 (  0.76-   1.82)
  Subtotal 19                                                                              1.47 (  1.09-   1.99)
Partial Totals                                            0       0        0       0
*prospective study


  StN  Ref      NRR       SEX EXP TIM TYP TY2 ADJ           Ys       Ws       Qs       Ps

 *1   GILLIS 1            m   h   x   f   v   1            -1.11     0.85     1.54     0.3080
 *1   GILLIS 2            f   h   x   f   v   1             0.63     0.84     0.13     0.5639
  Subtotal 1                                              -0.96     1.68     1.67
  2   LEE    2            m   s   m   n   s   2            -0.17     3.37     0.58     0.7488
  2   LEE    4            f   s   m   n   s   2            -0.08    10.46     1.09     0.7874
  Subtotal 2                                              -0.74    13.84     1.67
  4   DONNAN 1            c   s   e   b   c   3             0.47     4.39     0.23     0.3250
 *5   SANDLE 2            m   h   e   f   v   4            -0.03    23.47     1.72     0.8827
 *5   SANDLE 4            f   h   e   f   v   4             0.22   112.72     0.07     0.0224
  Subtotal 5                                              -0.30   136.18     1.79
  7   BONITA 4            m   2   t   b   s   4             0.74    18.36     4.63     0.0015
  7   BONITA 5            f   2   t   b   s   4             0.51    20.01     1.43     0.0234
  Subtotal 7                                               0.77    38.37     6.05
  8   YOU    8            c   s   e   n   i   5             0.53    12.89     1.09     0.0568
  9   IRIBA1 1            m   h   c   n   s   11           -1.39     1.68     4.45     0.0720
  9   IRIBA1 9            f   h   c   n   s   11            0.21    16.65     0.02     0.3983
  Subtotal 9                                              -1.66    18.34     4.47
 *10  YAMADA 2            m   t   e   f   h   1             0.12     1.20     0.02     0.8937
 *10  YAMADA 1            f   t   e   f   h   1            -0.06    15.35     1.40     0.8084
  Subtotal 10                                             -0.42    16.55     1.42
--------------------------------------------------------------------------------
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c),
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)  4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
```

Table 26
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
Excluding studies of silent cerebral infarction
Overall - most-adjusted

Overall

StN	Ref	NRR		SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
11	ANDERS	7		m	h	e	b	h	8	-0.69	4.39	3.82	0.1466
11	ANDERS	6		f	h	e	b	h	8	0.26	10.86	0.01	0.3873
Subtotal 11										-0.91	15.24	3.82	
*12	IRIBA2	27		m	h	c	b	i	10	0.02	28.48	1.38	0.9158
*12	IRIBA2	39		f	h	c	b	i	10	0.16	64.30	0.44	0.2080
Subtotal 12										-0.30	92.78	1.82	
*13	WHINCU	8		m	c	c	b	s	16	0.43	5.78	0.21	0.2990
14	MCGHEE	1		m	h	p	f	s	2	0.27	22.45	0.02	0.2008
14	MCGHEE	2		f	h	p	f	s	2	0.45	31.17	1.39	0.0118
Subtotal 14										0.24	53.62	1.41	
*15	QURESH	2		f	s	e	b	s	7	-0.11	25.70	3.06	0.5932
*16	ZHANG	22		f	s	c	n	s	14	0.36	118.56	1.84	0.0001
*17	WEN	2		f	s	c	f	s	9	0.42	32.41	1.04	0.0171
*18	HILL1	1		m	h	c	f	v	2	0.46	35.07	1.76	0.0060
*18	HILL1	2		f	h	c	f	v	9	-0.11	43.98	5.24	0.4847
Subtotal 18										-0.12	79.04	7.00	
*19	HILL2	1		m	h	c	f	v	9	0.60	21.96	2.83	0.0050
*19	HILL2	2		f	h	c	f	v	9	0.16	20.15	0.14	0.4810
Subtotal 19										0.28	42.11	2.97	

Relative risks

	N	28
	NS	17
	Wt	707.49
Het	Chi	41.57
Het	df	27
Het	P	*
Fixed	RR	1.27
	RRl	1.18
	RRu	1.37
	P	+++
Random	RR	1.26
	RRl	1.13
	RRu	1.39
	P	+++
Asymm	P	N.S.

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c),
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 27
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
Excluding studies of silent cerebral infarction
Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR		95.00%CI
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 (	0.04-	2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 (	0.22-	16.02)
Subtotal 1													0.78 (	0.17-	3.55)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 (	0.29-	2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 (	0.50-	1.68)
Subtotal 2													0.90 (	0.53-	1.52)
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 (	0.60-	3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 (	0.65-	1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 (	1.03-	1.49)
Subtotal 5													1.19 (	1.00-	1.41)
7	BONITA	1	m	2	t	b	s	1	-	-	-	-	2.06 (	1.34-	3.17)
7	BONITA	2	f	2	t	b	s	1	-	-	-	-	1.50 (	1.01-	2.21)
Subtotal 7													1.73 (	1.30-	2.31)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 (	0.98-	2.92)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25 (	0.04-	0.82)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23 (	0.75-	1.96)
Subtotal 9													1.06 (	0.67-	1.68)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 (	0.19-	6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 (	0.57-	1.55)
Subtotal 10													0.95 (	0.59-	1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 (	0.20-	1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 (	0.70-	2.30)
Subtotal 11													0.99 (	0.60-	1.63)
*12	IRIBA2	3	m	h	c	b	i	1	-	-	-	-	1.12 (	0.78-	1.60)
*12	IRIBA2	15	f	h	c	b	i	1	-	-	-	-	1.23 (	0.97-	1.57)
Subtotal 12													1.19 (	0.98-	1.46)
*13	WHINCU	4	m	c	c	b	s	2	-	-	-	-	0.96 (	0.49-	1.89)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 (	0.87-	1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 (	1.11-	2.24)
Subtotal 14													1.46 (	1.11-	1.90)
*15	QURESH	1	f	s	e	b	s	1	-	-	-	-	0.90 (	0.60-	1.40)
*16	ZHANG	33	f	s	c	n	s	1	-	-	-	-	1.46 (	1.23-	1.72)
*17	WEN	2	f	s	c	f	s	9	-	-	-	-	1.52 (	1.08-	2.15)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 (	1.14-	2.21)
*18	HILL1	3	f	h	c	f	v	2	-	-	-	-	0.88 (	0.66-	1.17)
Subtotal 18													1.13 (	0.91-	1.41)
*19	HILL2	3	m	h	c	f	v	2	-	-	-	-	1.91 (	1.23-	2.96)
*19	HILL2	4	f	h	c	f	v	2	-	-	-	-	1.16 (	0.75-	1.79)
Subtotal 19													1.48 (	1.09-	2.02)
Partial Totals									0	0	0	0			

*prospective study

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.55	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.12	0.5639
Subtotal 1									-0.97	1.68	1.68	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.60	0.7488
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	1.14	0.7874
Subtotal 2									-0.75	13.84	1.74	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.22	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.81	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.12	0.0224
Subtotal 5									-0.31	136.18	1.93	
7	BONITA	1	m	2	t	b	s	1	0.72	20.72	4.68	0.0010
7	BONITA	2	f	2	t	b	s	1	0.41	25.06	0.63	0.0424
Subtotal 7									0.63	45.78	5.31	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.04	0.0568
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.49	0.0720
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.03	0.3983
Subtotal 9									-1.67	18.34	4.52	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.02	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.47	0.8084
Subtotal 10									-0.43	16.55	1.49	

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c),
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                             Table 27
              ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
                                 Excluding studies of silent cerebral infarction
                                          Overall - least-adjusted


   Overall

    StN Ref      NRR      SEX EXP TIM TYP TY2 ADJ            Ys        Ws        Qs        Ps
    11  ANDERS 7         m   h   e   b   h   8          -0.69      4.39      3.88     0.1466
    11  ANDERS 6         f   h   e   b   h   8           0.26     10.86      0.00     0.3873
     Subtotal 11                                        -0.93     15.24      3.88
   *12  IRIBA2 3         m   h   c   b   i   1           0.11     29.77      0.53     0.5364
   *12  IRIBA2 15        f   h   c   b   i   1           0.21     66.27      0.11     0.0920
     Subtotal 12                                        -0.17     96.04      0.64
   *13  WHINCU 4         m   c   c   b   s   2          -0.04      8.43      0.70     0.9056
    14  MCGHEE 1         m   h   p   f   s   2           0.27     22.45      0.01     0.2008
    14  MCGHEE 2         f   h   p   f   s   2           0.45     31.17      1.29     0.0118
     Subtotal 14                                         0.23     53.62      1.31
   *15  QURESH 1         f   s   e   b   s   1          -0.11     21.40      2.66     0.6259
   *16  ZHANG  33        f   s   c   n   s   1           0.38    136.67      2.35     0.0000
   *17  WEN    2         f   s   c   f   s   9           0.42     32.41      0.95     0.0171
   *18  HILL1  1         m   h   c   f   v   2           0.46     35.07      1.64     0.0060
   *18  HILL1  3         f   h   c   f   v   2          -0.13     46.88      6.60     0.3814
     Subtotal 18                                        -0.16     81.94      8.24
   *19  HILL2  3         m   h   c   f   v   2           0.65     19.92      3.19     0.0039
   *19  HILL2  4         f   h   c   f   v   2           0.15     20.31      0.20     0.5036
     Subtotal 19                                         0.30     40.23      3.38


   Relative risks


                                  N        28
                                  NS       17


                                  Wt    735.63
                          Het Chi   42.04
                          Het  df      27
                          Het  P       *
                          Fixed  RR   1.28
                                 RRl  1.19
                                 RRu  1.38
                                 P    +++
                          Random RR   1.26
                                 RRl  1.13
                                 RRu  1.39
                                 P    +++
                          Asymm  P    N.S.
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--------------------------------------------------------------------------------------
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c),
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, during marriage (m), ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)  4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
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Table 28
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
Excluding studies of silent cerebral infarction
Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 (	0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 (	0.22- 16.02)
Subtotal 1													0.78 (	0.17- 3.55)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 (	0.29- 2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 (	0.50- 1.68)
Subtotal 2													0.90 (	0.53- 1.52)
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 (	0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 (	0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 (	1.03- 1.49)
Subtotal 5													1.19 (	1.00- 1.41)
7	BONITA	4	m	2	t	b	s	4	-	-	-	-	2.10 (	1.33- 3.32)
7	BONITA	5	f	2	t	b	s	4	-	-	-	-	1.66 (	1.07- 2.57)
Subtotal 7													1.86 (	1.35- 2.55)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 (	0.98- 2.92)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25 (	0.04- 0.82)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23 (	0.75- 1.96)
Subtotal 9													1.06 (	0.67- 1.68)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 (	0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 (	0.57- 1.55)
Subtotal 10													0.95 (	0.59- 1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 (	0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 (	0.70- 2.30)
Subtotal 11													0.99 (	0.60- 1.63)
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02 (	0.71- 1.48)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17 (	0.92- 1.50)
Subtotal 12													1.12 (	0.92- 1.37)
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54 (	0.68- 3.47)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 (	0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 (	1.11- 2.24)
Subtotal 14													1.46 (	1.11- 1.90)
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90 (	0.60- 1.30)
*16	ZHANG	6	f	s	e	n	s	14	-	-	-	-	1.27 (	1.05- 1.54)
*17	WEN	1	f	s	m	f	s	9	-	-	-	-	1.33 (	0.96- 1.84)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 (	1.14- 2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90 (	0.67- 1.21)
Subtotal 18													1.16 (	0.93- 1.44)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82 (	1.20- 2.77)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17 (	0.76- 1.82)
Subtotal 19													1.47 (	1.09- 1.99)
Partial Totals									0	0	0	0		

*prospective study

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.48	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.15	0.5639
Subtotal 1									-0.90	1.68	1.62	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.51	0.7488
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	0.92	0.7874
Subtotal 2									-0.68	13.84	1.42	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.29	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.39	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.00	0.0224
Subtotal 5									-0.24	136.18	1.39	
7	BONITA	4	m	2	t	b	s	4	0.74	18.36	5.14	0.0015
7	BONITA	5	f	2	t	b	s	4	0.51	20.01	1.73	0.0234
Subtotal 7									0.82	38.37	6.88	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.30	0.0568
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.31	0.0720
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.00	0.3983
Subtotal 9									-1.60	18.34	4.31	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.01	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.16	0.8084
Subtotal 10									-0.36	16.55	1.17	

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c),
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                     Table 28
        ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
                          Excluding studies of silent cerebral infarction
                                 Overall - most-adjusted



Overall

  StN Ref     NRR      SEX EXP TIM TYP TY2 ADJ          Ys       Ws       Qs       Ps
  11  ANDERS 7         m   h   e   b   h   8         -0.69     4.39     3.60    0.1466
  11  ANDERS 6         f   h   e   b   h   8          0.26    10.86     0.03    0.3873
  Subtotal 11                                        -0.86    15.24     3.63
 *12  IRIBA2 27        m   h   c   b   i   10         0.02    28.48     1.06    0.9158
 *12  IRIBA2 39        f   h   c   b   i   10         0.16    64.30     0.20    0.2080
  Subtotal 12                                        -0.25    92.78     1.26
 *13  WHINCU 8         m   c   c   b   s   16         0.43     5.78     0.28    0.2990
  14  MCGHEE 1         m   h   p   f   s   2          0.27    22.45     0.07    0.2008
  14  MCGHEE 2         f   h   p   f   s   2          0.45    31.17     1.77    0.0118
  Subtotal 14                                         0.30    53.62     1.85
 *15  QURESH 2         f   s   e   b   s   7         -0.11    25.70     2.60    0.5932
 *16  ZHANG  6         f   s   e   n   s   14         0.24   104.76     0.07    0.0144
 *17  WEN    1         f   s   m   f   s   9          0.29    36.30     0.19    0.0857
 *18  HILL1  1         m   h   c   f   v   2          0.46    35.07     2.21    0.0060
 *18  HILL1  2         f   h   c   f   v   9         -0.11    43.98     4.45    0.4847
  Subtotal 18                                        -0.07    79.04     6.66
 *19  HILL2  1         m   h   c   f   v   9          0.60    21.96     3.27    0.0050
 *19  HILL2  2         f   h   c   f   v   9          0.16    20.15     0.06    0.4810
  Subtotal 19                                         0.33    42.11     3.34


Relative risks


                         N        28
                        NS        17


                        Wt    697.57
                   Het Chi     38.24
                   Het  df        27
                   Het  P        (*)
                  Fixed RR      1.24
                        RRl     1.15
                        RRu     1.33
                        P       +++
                 Random RR      1.24
                        RRl     1.12
                        RRu     1.36
                        P       +++
                 Asymm  P       N.S.
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Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c),
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                              Table 29
              ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
                           Excluding studies of silent cerebral infarction
                                      Overall - least-adjusted


Overall
                                                     Number Exposed  Non-exposed
  StN Ref     NRR       SEX EXP TIM TYP TY2 ADJ     Case   Cont    Case   Cont      RR       95.00%CI
 *1   GILLIS 1         m   h   x   f   v   1        -      -       -      -       0.33 (  0.04-   2.84)
 *1   GILLIS 2         f   h   x   f   v   1        -      -       -      -       1.88 (  0.22-  16.02)
  Subtotal 1                                                                     0.78 (  0.17-   3.55)
  2   LEE    2         m   s   m   n   s   2        -      -       -      -       0.84 (  0.29-   2.45)
  2   LEE    4         f   s   m   n   s   2        -      -       -      -       0.92 (  0.50-   1.68)
  Subtotal 2                                                                     0.90 (  0.53-   1.52)
  4   DONNAN 1         c   s   e   b   c   3        -      -       -      -       1.60 (  0.60-   3.90)
 *5   SANDLE 2         m   h   e   f   v   4        -      -       -      -       0.97 (  0.65-   1.46)
 *5   SANDLE 4         f   h   e   f   v   4        -      -       -      -       1.24 (  1.03-   1.49)
  Subtotal 5                                                                     1.19 (  1.00-   1.41)
  7   BONITA 1         m   2   t   b   s   1        -      -       -      -       2.06 (  1.34-   3.17)
  7   BONITA 2         f   2   t   b   s   1        -      -       -      -       1.50 (  1.01-   2.21)
  Subtotal 7                                                                     1.73 (  1.30-   2.31)
  8   YOU    8         c   s   e   n   i   5        -      -       -      -       1.70 (  0.98-   2.92)
  9   IRIBA1 1         m   h   c   n   s   11       -      -       -      -       0.25 (  0.04-   0.82)
  9   IRIBA1 9         f   h   c   n   s   11       -      -       -      -       1.23 (  0.75-   1.96)
  Subtotal 9                                                                     1.06 (  0.67-   1.68)
 *10  YAMADA 2         m   t   e   f   h   1        -      -       -      -       1.13 (  0.19-   6.85)
 *10  YAMADA 1         f   t   e   f   h   1        -      -       -      -       0.94 (  0.57-   1.55)
  Subtotal 10                                                                    0.95 (  0.59-   1.54)
  11  ANDERS 7         m   h   e   b   h   8        -      -       -      -       0.50 (  0.20-   1.30)
  11  ANDERS 6         f   h   e   b   h   8        -      -       -      -       1.30 (  0.70-   2.30)
  Subtotal 11                                                                    0.99 (  0.60-   1.63)
 *12  IRIBA2 3         m   h   c   b   i   1        -      -       -      -       1.12 (  0.78-   1.60)
 *12  IRIBA2 15        f   h   c   b   i   1        -      -       -      -       1.23 (  0.97-   1.57)
  Subtotal 12                                                                    1.19 (  0.98-   1.46)
 *13  WHINCU 4         m   c   c   b   s   2        -      -       -      -       0.96 (  0.49-   1.89)
  14  MCGHEE 1         m   h   p   f   s   2        -      -       -      -       1.31 (  0.87-   1.99)
  14  MCGHEE 2         f   h   p   f   s   2        -      -       -      -       1.57 (  1.11-   2.24)
  Subtotal 14                                                                    1.46 (  1.11-   1.90)
 *15  QURESH 1         f   s   e   b   s   1        -      -       -      -       0.90 (  0.60-   1.40)
 *16  ZHANG  25        f   s   e   n   s   1        -      -       -      -       1.35 (  1.13-   1.62)
 *17  WEN    1         f   s   m   f   s   9        -      -       -      -       1.33 (  0.96-   1.84)
 *18  HILL1  1         m   h   c   f   v   2        -      -       -      -       1.59 (  1.14-   2.21)
 *18  HILL1  3         f   h   c   f   v   2        -      -       -      -       0.88 (  0.66-   1.17)
  Subtotal 18                                                                    1.13 (  0.91-   1.41)
 *19  HILL2  3         m   h   c   f   v   2        -      -       -      -       1.91 (  1.23-   2.96)
 *19  HILL2  4         f   h   c   f   v   2        -      -       -      -       1.16 (  0.75-   1.79)
  Subtotal 19                                                                    1.48 (  1.09-   2.02)
Partial Totals                                     0      0       0      0
*prospective study


  StN Ref     NRR       SEX EXP TIM TYP TY2 ADJ        Ys       Ws       Qs       Ps

 *1   GILLIS 1         m   h   x   f   v   1         -1.11    0.85     1.50     0.3080
 *1   GILLIS 2         f   h   x   f   v   1          0.63    0.84     0.14     0.5639
  Subtotal 1                                         -0.93    1.68     1.64
  2   LEE    2         m   s   m   n   s   2         -0.17    3.37     0.54     0.7488
  2   LEE    4         f   s   m   n   s   2         -0.08   10.46     1.00     0.7874
  Subtotal 2                                         -0.71   13.84     1.54
  4   DONNAN 1         c   s   e   b   c   3          0.47    4.39     0.26     0.3250
 *5   SANDLE 2         m   h   e   f   v   4         -0.03   23.47     1.53     0.8827
 *5   SANDLE 4         f   h   e   f   v   4          0.22  112.72     0.01     0.0224
  Subtotal 5                                         -0.27  136.18     1.55
  7   BONITA 1         m   2   t   b   s   1          0.72   20.72     5.13     0.0010
  7   BONITA 2         f   2   t   b   s   1          0.41   25.06     0.81     0.0424
  Subtotal 7                                          0.68   45.78     5.94
  8   YOU    8         c   s   e   n   i   5          0.53   12.89     1.20     0.0568
  9   IRIBA1 1         m   h   c   n   s   11        -1.39    1.68     4.37     0.0720
  9   IRIBA1 9         f   h   c   n   s   11         0.21   16.65     0.01     0.3983
  Subtotal 9                                         -1.63   18.34     4.38
 *10  YAMADA 2         m   t   e   f   h   1          0.12    1.20     0.01     0.8937
 *10  YAMADA 1         f   t   e   f   h   1         -0.06   15.35     1.27     0.8084
  Subtotal 10                                        -0.39   16.55     1.28
------------------------------------------------------------------------------------
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c),
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)  4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
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                                    Table 29
          ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 06-SEP-07
                           Excluding studies of silent cerebral infarction
                                    Overall - least-adjusted


Overall

 StN Ref     NRR      SEX EXP TIM TYP TY2 ADJ          Ys       Ws       Qs       Ps
 11  ANDERS 7        m   h   e   b   h   8         -0.69     4.39     3.70     0.1466
 11  ANDERS 6        f   h   e   b   h   8          0.26    10.86     0.01     0.3873
 Subtotal 11                                      -0.88    15.24     3.71
*12  IRIBA2 3        m   h   c   b   i   1          0.11    29.77     0.37     0.5364
*12  IRIBA2 15       f   h   c   b   i   1          0.21    66.27     0.02     0.0920
 Subtotal 12                                      -0.13    96.04     0.40
*13  WHINCU 4        m   c   c   b   s   2         -0.04     8.43     0.60     0.9056
 14  MCGHEE 1        m   h   p   f   s   2          0.27    22.45     0.04     0.2008
 14  MCGHEE 2        f   h   p   f   s   2          0.45    31.17     1.59     0.0118
 Subtotal 14                                       0.27    53.62     1.63
*15  QURESH 1        f   s   e   b   s   1         -0.11    21.40     2.34     0.6259
*16  ZHANG  25       f   s   e   n   s   1          0.30   118.43     0.66     0.0011
*17  WEN    1        f   s   m   f   s   9          0.29    36.30     0.13     0.0857
*18  HILL1  1        m   h   c   f   v   2          0.46    35.07     1.99     0.0060
*18  HILL1  3        f   h   c   f   v   2         -0.13    46.88     5.85     0.3814
 Subtotal 18                                      -0.11    81.94     7.84
*19  HILL2  3        m   h   c   f   v   2          0.65    19.92     3.55     0.0039
*19  HILL2  4        f   h   c   f   v   2          0.15    20.31     0.12     0.5036
 Subtotal 19                                       0.34    40.23     3.67


Relative risks



                      N        28
                      NS       17


                      Wt     721.28
               Het Chi      38.77
               Het  df         27
               Het  P        (*)
            Fixed  RR        1.25
                   RRl       1.16
                   RRu       1.35
                   P         +++
           Random  RR        1.24
                   RRl       1.13
                   RRu       1.37
                   P         +++
            Asymm  P         N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), total (t), home/work (2), cotinine (c),
2) TIM Time of exposure = ever (e), during marriage (m), in the past (p), in last 5 (x) or 10 (t) years, current (c)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

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                                        Table 30
            ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
                         Excluding studies of silent cerebral infarction
                                   Overall - most-adjusted


Overall

                                                   Number Exposed  Non-exposed
   StN Ref      NRR       SEX EXP TIM TYP TY2 ADJ   Case    Cont    Case   Cont     RR       95.00%CI
  *1   GILLIS 1          m   h   x   f   v   1     -       -       -      -       0.33 ( 0.04-   2.84)
  *1   GILLIS 2          f   h   x   f   v   1     -       -       -      -       1.88 ( 0.22-  16.02)
   Subtotal 1                                                                     0.78 ( 0.17-   3.55)
   2   LEE    21         m   4   c   n   s   1     -       -       -      -       1.35 ( 0.44-   4.12)
   2   LEE    22         f   4   c   n   s   1     -       -       -      -       1.19 ( 0.57-   2.50)
   Subtotal 2                                                                     1.24 ( 0.67-   2.29)
   4   DONNAN 1          c   s   e   b   c   3     -       -       -      -       1.60 ( 0.60-   3.90)
  *5   SANDLE 2          m   h   e   f   v   4     -       -       -      -       0.97 ( 0.65-   1.46)
  *5   SANDLE 4          f   h   e   f   v   4     -       -       -      -       1.24 ( 1.03-   1.49)
   Subtotal 5                                                                     1.19 ( 1.00-   1.41)
   7   BONITA 4          m   2   t   b   s   4     -       -       -      -       2.10 ( 1.33-   3.32)
   7   BONITA 5          f   2   t   b   s   4     -       -       -      -       1.66 ( 1.07-   2.57)
   Subtotal 7                                                                     1.86 ( 1.35-   2.55)
   8   YOU     8         c   s   e   n   i   5     -       -       -      -       1.70 ( 0.98-   2.92)
   9   IRIBA1 7          m   t   c   n   s   11    -       -       -      -       0.27 ( 0.11-   0.57)
   9   IRIBA1 15         f   t   c   n   s   11    -       -       -      -       0.89 ( 0.57-   1.38)
   Subtotal 9                                                                     0.68 ( 0.46-   1.01)
  *10  YAMADA 2          m   t   e   f   h   1     -       -       -      -       1.13 ( 0.19-   6.85)
  *10  YAMADA 1          f   t   e   f   h   1     -       -       -      -       0.94 ( 0.57-   1.55)
   Subtotal 10                                                                    0.95 ( 0.59-   1.54)
   11  ANDERS 7          m   h   e   b   h   8     -       -       -      -       0.50 ( 0.20-   1.30)
   11  ANDERS 6          f   h   e   b   h   8     -       -       -      -       1.30 ( 0.70-   2.30)
   Subtotal 11                                                                    0.99 ( 0.60-   1.63)
  *12  IRIBA2 27         m   h   c   b   i   10    -       -       -      -       1.02 ( 0.71-   1.48)
  *12  IRIBA2 39         f   h   c   b   i   10    -       -       -      -       1.17 ( 0.92-   1.50)
   Subtotal 12                                                                    1.12 ( 0.92-   1.37)
  *13  WHINCU 8          m   c   c   b   s   16    -       -       -      -       1.54 ( 0.68-   3.47)
   14  MCGHEE 1          m   h   p   f   s   2     -       -       -      -       1.31 ( 0.87-   1.99)
   14  MCGHEE 2          f   h   p   f   s   2     -       -       -      -       1.57 ( 1.11-   2.24)
   Subtotal 14                                                                    1.46 ( 1.11-   1.90)
  *15  QURESH 2          f   s   e   b   s   7     -       -       -      -       0.90 ( 0.60-   1.30)
  *16  ZHANG  22         f   s   c   n   s   14    -       -       -      -       1.44 ( 1.20-   1.72)
  *17  WEN    16         f   16  e   f   s   9     -       -       -      -       1.64 ( 0.91-   2.95)
  *18  HILL1  1          m   h   c   f   v   2     -       -       -      -       1.59 ( 1.14-   2.21)
  *18  HILL1  2          f   h   c   f   v   9     -       -       -      -       0.90 ( 0.67-   1.21)
   Subtotal 18                                                                    1.16 ( 0.93-   1.44)
  *19  HILL2  1          m   h   c   f   v   9     -       -       -      -       1.82 ( 1.20-   2.77)
  *19  HILL2  2          f   h   c   f   v   9     -       -       -      -       1.17 ( 0.76-   1.82)
   Subtotal 19                                                                    1.47 ( 1.09-   1.99)
Partial Totals                                     0       0       0      0
*prospective study


   StN Ref      NRR       SEX EXP TIM TYP TY2 ADJ       Ys      Ws      Qs       Ps

  *1   GILLIS 1          m   h   x   f   v   1        -1.11    0.85    1.50     0.3080
  *1   GILLIS 2          f   h   x   f   v   1         0.63    0.84    0.14     0.5639
   Subtotal 1                                         -0.93    1.68    1.64
   2   LEE    21         m   4   c   n   s   1         0.30    3.07    0.02     0.5989
   2   LEE    22         f   4   c   n   s   1         0.17    7.03    0.02     0.6446
   Subtotal 2                                          0.03   10.10    0.04
   4   DONNAN 1          c   s   e   b   c   3         0.47    4.39    0.27     0.3250
  *5   SANDLE 2          m   h   e   f   v   4        -0.03   23.47    1.52     0.8827
  *5   SANDLE 4          f   h   e   f   v   4         0.22  112.72    0.01     0.0224
   Subtotal 5                                         -0.26  136.18    1.53
   7   BONITA 4          m   2   t   b   s   4         0.74   18.36    4.93     0.0015
   7   BONITA 5          f   2   t   b   s   4         0.51   20.01    1.60     0.0234
   Subtotal 7                                          0.80   38.37    6.53
   8   YOU     8         c   s   e   n   i   5         0.53   12.89    1.21     0.0568
   9   IRIBA1 7          m   t   c   n   s   11       -1.31    5.68   13.35     0.0018
   9   IRIBA1 15         f   t   c   n   s   11       -0.12   19.65    2.28     0.6054
   Subtotal 9                                         -1.87   25.33   15.63
  *10  YAMADA 2          m   t   e   f   h   1         0.12    1.20    0.01     0.8937
  *10  YAMADA 1          f   t   e   f   h   1        -0.06   15.35    1.26     0.8084
   Subtotal 10                                        -0.39   16.55    1.27
--------------------------------------------------------------------------------
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n)  4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)
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                                      Table 30
              ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
                            Excluding studies of silent cerebral infarction
                                      Overall - most-adjusted


  Overall

  StN Ref     NRR      SEX EXP TIM TYP TY2 ADJ           Ys      Ws       Qs       Ps
  11  ANDERS 7         m   h   e   b   h   8            -0.69    4.39     3.69     0.1466
  11  ANDERS 6         f   h   e   b   h   8             0.26   10.86     0.02     0.3873
   Subtotal 11                                          -0.88   15.24     3.71
  *12 IRIBA2 27        m   h   c   b   i   10            0.02   28.48     1.19     0.9158
  *12 IRIBA2 39        f   h   c   b   i   10            0.16   64.30     0.29     0.2080
   Subtotal 12                                          -0.27   92.78     1.48
  *13 WHINCU 8         m   c   c   b   s   16            0.43    5.78     0.25     0.2990
  14  MCGHEE 1         m   h   p   f   s   2             0.27   22.45     0.05     0.2008
  14  MCGHEE 2         f   h   p   f   s   2             0.45   31.17     1.61     0.0118
   Subtotal 14                                           0.27   53.62     1.65
  *15 QURESH 2         f   s   e   b   s   7            -0.11   25.70     2.79     0.5932
  *16 ZHANG  22        f   s   c   n   s   14            0.36  118.56     2.34     0.0001
  *17 WEN    16        f   16  e   f   s   9             0.49   11.11     0.81     0.0992
  *18 HILL1  1         m   h   c   f   v   2             0.46   35.07     2.01     0.0060
  *18 HILL1  2         f   h   c   f   v   9            -0.11   43.98     4.77     0.4847
   Subtotal 18                                          -0.09   79.04     6.79
  *19 HILL2  1         m   h   c   f   v   9             0.60   21.96     3.08     0.0050
  *19 HILL2  2         f   h   c   f   v   9             0.16   20.15     0.09     0.4810
   Subtotal 19                                           0.31   42.11     3.18


  Relative risks


                            N         28
                            NS        17


                            Wt      689.45
                       Het Chi       51.10
                       Het  df          27
                       Het  P          **
                      Fixed  RR       1.25
                             RRl      1.16
                             RRu      1.35
                             P        +++
                     Random  RR       1.23
                             RRl      1.09
                             RRu      1.38
                             P        +++
                      Asymm  P       N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 31
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
Excluding studies of silent cerebral infarction
Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	(0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	(0.22- 16.02)
	Subtotal 1												0.78	(0.17- 3.55)
2	LEE	21	m	4	c	n	s	1	-	-	-	-	1.35	(0.44- 4.12)
2	LEE	22	f	4	c	n	s	1	-	-	-	-	1.19	(0.57- 2.50)
	Subtotal 2												1.24	(0.67- 2.29)
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	(0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	(0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	(1.03- 1.49)
	Subtotal 5												1.19	(1.00- 1.41)
7	BONITA	1	m	2	t	b	s	1	-	-	-	-	2.06	(1.34- 3.17)
7	BONITA	2	f	2	t	b	s	1	-	-	-	-	1.50	(1.01- 2.21)
	Subtotal 7												1.73	(1.30- 2.31)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	(0.98- 2.92)
9	IRIBA1	7	m	t	c	n	s	11	-	-	-	-	0.27	(0.11- 0.57)
9	IRIBA1	15	f	t	c	n	s	11	-	-	-	-	0.89	(0.57- 1.38)
	Subtotal 9												0.68	(0.46- 1.01)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	(0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	(0.57- 1.55)
	Subtotal 10												0.95	(0.59- 1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	(0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	(0.70- 2.30)
	Subtotal 11												0.99	(0.60- 1.63)
*12	IRIBA2	3	m	h	c	b	i	1	-	-	-	-	1.12	(0.78- 1.60)
*12	IRIBA2	15	f	h	c	b	i	1	-	-	-	-	1.23	(0.97- 1.57)
	Subtotal 12												1.19	(0.98- 1.46)
*13	WHINCU	4	m	c	c	b	s	2	-	-	-	-	0.96	(0.49- 1.89)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	(0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	(1.11- 2.24)
	Subtotal 14												1.46	(1.11- 1.90)
*15	QURESH	1	f	s	e	b	s	1	-	-	-	-	0.90	(0.60- 1.40)
*16	ZHANG	33	f	s	c	n	s	1	-	-	-	-	1.46	(1.23- 1.72)
*17	WEN	16	f	16	e	f	s	9	-	-	-	-	1.64	(0.91- 2.95)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	(1.14- 2.21)
*18	HILL1	3	f	h	c	f	v	2	-	-	-	-	0.88	(0.66- 1.17)
	Subtotal 18												1.13	(0.91- 1.41)
*19	HILL2	3	m	h	c	f	v	2	-	-	-	-	1.91	(1.23- 2.96)
*19	HILL2	4	f	h	c	f	v	2	-	-	-	-	1.16	(0.75- 1.79)
	Subtotal 19												1.48	(1.09- 2.02)
	Partial Totals								0	0	0	0		

*prospective study

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.52	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.13	0.5639
	Subtotal 1								-0.94	1.68	1.65	
2	LEE	21	m	4	c	n	s	1	0.30	3.07	0.01	0.5989
2	LEE	22	f	4	c	n	s	1	0.17	7.03	0.02	0.6446
	Subtotal 2								0.01	10.10	0.04	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.25	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.62	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.03	0.0224
	Subtotal 5								-0.28	136.18	1.65	
7	BONITA	1	m	2	t	b	s	1	0.72	20.72	4.99	0.0010
7	BONITA	2	f	2	t	b	s	1	0.41	25.06	0.75	0.0424
	Subtotal 7								0.66	45.78	5.74	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.15	0.0568
9	IRIBA1	7	m	t	c	n	s	11	-1.31	5.68	13.49	0.0018
9	IRIBA1	15	f	t	c	n	s	11	-0.12	19.65	2.39	0.6054
	Subtotal 9								-1.89	25.33	15.88	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.01	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.33	0.8084
	Subtotal 10								-0.40	16.55	1.34	

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

```
                                    Table 31
         ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
                       Excluding studies of silent cerebral infarction
                              Overall - least-adjusted


Overall

 StN Ref     NRR      SEX EXP TIM TYP TY2 ADJ          Ys       Ws       Qs       Ps
  11  ANDERS 7        m   h   e   b   h   8          -0.69     4.39     3.75     0.1466
  11  ANDERS 6        f   h   e   b   h   8           0.26    10.86     0.01     0.3873
  Subtotal 11                                        -0.90    15.24     3.76
 *12  IRIBA2 3        m   h   c   b   i   1           0.11    29.77     0.42     0.5364
 *12  IRIBA2 15       f   h   c   b   i   1           0.21    66.27     0.04     0.0920
  Subtotal 12                                        -0.14    96.04     0.46
 *13  WHINCU 4        m   c   c   b   s   2          -0.04     8.43     0.63     0.9056
  14  MCGHEE 1        m   h   p   f   s   2           0.27    22.45     0.03     0.2008
  14  MCGHEE 2        f   h   p   f   s   2           0.45    31.17     1.49     0.0118
  Subtotal 14                                         0.26    53.62     1.53
 *15  QURESH 1        f   s   e   b   s   1          -0.11    21.40     2.44     0.6259
 *16  ZHANG  33       f   s   c   n   s   1           0.38   136.67     2.92     0.0000
 *17  WEN    16       f  16   e   f   s   9           0.49    11.11     0.77     0.0992
 *18  HILL1  1        m   h   c   f   v   2           0.46    35.07     1.88     0.0060
 *18  HILL1  3        f   h   c   f   v   2          -0.13    46.88     6.08     0.3814
  Subtotal 18                                        -0.13    81.94     7.96
 *19  HILL2  3        m   h   c   f   v   2           0.65    19.92     3.43     0.0039
 *19  HILL2  4        f   h   c   f   v   2           0.15    20.31     0.14     0.5036
  Subtotal 19                                         0.33    40.23     3.57


Relative risks


                            N        28
                            NS       17


                            Wt    717.59
                       Het Chi     51.74
                       Het  df        27
                       Het  P         **
                     Fixed  RR      1.26
                            RRl     1.17
                            RRu     1.36
                            P       +++
                    Random  RR      1.22
                            RRl     1.09
                            RRu     1.38
                            P       +++
                     Asymm  P      N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), home/work (2), cotinine (c), spouse (s), household (h)
2) TIM Time of exposure = current (c), in last 5 (x) or 10 (t) years, ever (e), in the past (p)
3) TYP Disease type = both (b), fatal (f), non-fatal (n) 4) TY2 = CVD (1) .... TIA (8)
5) UNX Unexposed to ETS (as defined by EXP) (2), low ETS (as defined by EXP) (4)

Table 32
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
High dose
Overall - most-adjusted

Overall

									Number Exposed		Non-exposed				
StN	Ref	NRR	SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Case	Cont	Case	Cont	RR	95.00%CI	
2	LEE	12	m	4	l	5	12	1	-	-	-	-	1.77 (	0.41-	7.61)
2	LEE	14	f	4	l	5	12	1	-	-	-	-	2.44 (	0.90-	6.58)
Subtotal 2													2.20 (	0.97-	5.01)
8	YOU	12	c	s	n	21	999	5	-	-	-	-	1.91 (	0.94-	3.88)
9	IRIBA1	10	f	h	h	40	999	11	-	-	-	-	1.40 (	0.53-	3.04)
*12	IRIBA2	26	m	h	h	20	999	10	-	-	-	-	1.29 (	0.75-	2.20)
*12	IRIBA2	38	f	h	h	20	999	10	-	-	-	-	1.50 (	1.07-	2.09)
Subtotal 12													1.44 (	1.08-	1.91)
*13	WHINCU	7	m	c	c	3	14	16	-	-	-	-	2.16 (	0.80-	5.80)
14	MCGHEE	4	c	h	p	2	999	2	-	-	-	-	2.08 (	1.33-	3.25)
*16	ZHANG	12	f	s	n	20	999	14	-	-	-	-	1.62 (	1.28-	2.05)
*17	WEN	6	f	s	k	18	999	9	-	-	-	-	1.36 (	0.94-	1.96)
Partial Totals									0	0	0	0			

*prospective study

StN	Ref	NRR	SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	12	m	4	l	5	12	1	0.57	1.80	0.02	0.4435
2	LEE	14	f	4	l	5	12	1	0.89	3.88	0.69	0.0788
Subtotal 2									0.52	5.68	0.71	
8	YOU	12	c	s	n	21	999	5	0.65	7.65	0.24	0.0736
9	IRIBA1	10	f	h	h	40	999	11	0.34	5.04	0.09	0.4502
*12	IRIBA2	26	m	h	h	20	999	10	0.25	13.27	0.61	0.3536
*12	IRIBA2	38	f	h	h	20	999	10	0.41	34.28	0.14	0.0176
Subtotal 12									-0.28	47.55	0.75	
*13	WHINCU	7	m	c	c	3	14	16	0.77	3.92	0.35	0.1275
14	MCGHEE	4	c	h	p	2	999	2	0.73	19.25	1.33	0.0013
*16	ZHANG	12	f	s	n	20	999	14	0.48	69.27	0.01	0.0001
*17	WEN	6	f	s	k	18	999	9	0.31	28.46	0.75	0.1009

Relative risks

```
              N        10
              NS        8


              Wt    186.81
        Het Chi     4.24
        Het  df        9
        Het   P     N.S.
      Fixed  RR     1.60
             RRl     1.39
             RRu     1.85
               P     +++
     Random  RR     1.60
             RRl     1.39
             RRu     1.85
               P     +++
      Asymm   P     N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), home/work/travel/leisure (4), cotinine (c)
2) MEA Measure of dose = number of cigs (n), years (y), pack-years (k), hours (h), persons (p),
      serum cotinine (c), semi-quantitative level (l)
3) The highest available dose level. (No further selection was made on time of exposure)

Table 33
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
High dose
Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
2	LEE	12	m	4	l	5	12	1	-	-	-	-	1.77 (	0.41- 7.61)
2	LEE	14	f	4	l	5	12	1	-	-	-	-	2.44 (	0.90- 6.58)
Subtotal 2													2.20 (	0.97- 5.01)
8	YOU	12	c	s	n	21	999	5	-	-	-	-	1.91 (	0.94- 3.88)
9	IRIBA1	10	f	h	h	40	999	11	-	-	-	-	1.40 (	0.53- 3.04)
*12	IRIBA2	2	m	h	h	20	999	1	-	-	-	-	1.45 (	0.86- 2.44)
*12	IRIBA2	14	f	h	h	20	999	1	-	-	-	-	1.55 (	1.12- 2.15)
Subtotal 12													1.52 (	1.15- 2.01)
*13	WHINCU	3	m	c	c	3	14	2	-	-	-	-	1.25 (	0.54- 2.89)
14	MCGHEE	4	c	h	p	2	999	2	-	-	-	-	2.08 (	1.33- 3.25)
*16	ZHANG	28	f	s	n	20	999	1	-	-	-	-	1.62 (	1.30- 2.02)
*17	WEN	6	f	s	k	18	999	9	-	-	-	-	1.36 (	0.94- 1.96)
Partial Totals									0	0	0	0		

*prospective study

StN	Ref	NRR	SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	12	m	4	l	5	12	1	0.57	1.80	0.02	0.4435
2	LEE	14	f	4	l	5	12	1	0.89	3.88	0.69	0.0788
Subtotal 2									0.52	5.68	0.71	
8	YOU	12	c	s	n	21	999	5	0.65	7.65	0.24	0.0736
9	IRIBA1	10	f	h	h	40	999	11	0.34	5.04	0.09	0.4502
*12	IRIBA2	2	m	h	h	20	999	1	0.37	14.13	0.14	0.1625
*12	IRIBA2	14	f	h	h	20	999	1	0.44	36.13	0.04	0.0084
Subtotal 12									-0.13	50.26	0.17	
*13	WHINCU	3	m	c	c	3	14	2	0.22	5.46	0.33	0.6021
14	MCGHEE	4	c	h	p	2	999	2	0.73	19.25	1.32	0.0013
*16	ZHANG	28	f	s	n	20	999	1	0.48	79.11	0.01	0.0000
*17	WEN	6	f	s	k	18	999	9	0.31	28.46	0.75	0.1009

Relative risks

```
                    N        10
                    NS        8


                    Wt    200.90
              Het Chi     3.63
              Het  df        9
              Het   P     N.S.
            Fixed  RR     1.60
                   RRl    1.39
                   RRu    1.84
                    P      +++
           Random  RR     1.60
                   RRl    1.39
                   RRu    1.84
                    P      +++
            Asymm   P     N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), home/work/travel/leisure (4), cotinine (c)
2) MEA Measure of dose = number of cigs (n), years (y), pack-years (k), hours (h), persons (p),
      serum cotinine (c), semi-quantitative level (l)
3) The highest available dose level. (No further selection was made on time of exposure)

Table 34
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
High dose
Overall - most-adjusted

Overall

									Number	Exposed	Non-exposed				
StN	Ref	NRR	SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Case	Cont	Case	Cont	RR		95.00%CI	
2	LEE	12	m	4	l	5	12	1	-	-	-	-	1.77 (	0.41-	7.61)
2	LEE	14	f	4	l	5	12	1	-	-	-	-	2.44 (	0.90-	6.58)
Subtotal 2													2.20 (	0.97-	5.01)
8	YOU	12	c	s	n	21	999	5	-	-	-	-	1.91 (	0.94-	3.88)
9	IRIBA1	8	m	t	h	40	999	11	-	-	-	-	0.45 (	0.10-	1.32)
9	IRIBA1	16	f	t	h	40	999	11	-	-	-	-	0.52 (	0.21-	1.12)
Subtotal 9													0.50 (	0.25-	1.01)
*12	IRIBA2	26	m	h	h	20	999	10	-	-	-	-	1.29 (	0.75-	2.20)
*12	IRIBA2	38	f	h	h	20	999	10	-	-	-	-	1.50 (	1.07-	2.09)
Subtotal 12													1.44 (	1.08-	1.91)
*13	WHINCU	7	m	c	c	3	14	16	-	-	-	-	2.16 (	0.80-	5.80)
14	MCGHEE	4	c	h	p	2	999	2	-	-	-	-	2.08 (	1.33-	3.25)
*16	ZHANG	12	f	s	n	20	999	14	-	-	-	-	1.62 (	1.28-	2.05)
*17	WEN	6	f	s	k	18	999	9	-	-	-	-	1.36 (	0.94-	1.96)
Partial Totals									0	0	0	0			

*prospective study

StN	Ref	NRR	SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	12	m	4	l	5	12	1	0.57	1.80	0.04	0.4435
2	LEE	14	f	4	l	5	12	1	0.89	3.88	0.85	0.0788
Subtotal 2									0.61	5.68	0.88	
8	YOU	12	c	s	n	21	999	5	0.65	7.65	0.38	0.0736
9	IRIBA1	8	m	t	h	40	999	11	-0.80	2.31	3.46	0.2251
9	IRIBA1	16	f	t	h	40	999	11	-0.65	5.48	6.38	0.1257
Subtotal 9									-2.30	7.79	9.84	
*12	IRIBA2	26	m	h	h	20	999	10	0.25	13.27	0.39	0.3536
*12	IRIBA2	38	f	h	h	20	999	10	0.41	34.28	0.01	0.0176
Subtotal 12									-0.19	47.55	0.40	
*13	WHINCU	7	m	c	c	3	14	16	0.77	3.92	0.47	0.1275
14	MCGHEE	4	c	h	p	2	999	2	0.73	19.25	1.82	0.0013
*16	ZHANG	12	f	s	n	20	999	14	0.48	69.27	0.23	0.0001
*17	WEN	6	f	s	k	18	999	9	0.31	28.46	0.39	0.1009

Relative risks

```
                  N       11
                  NS       8


                  Wt   189.56
           Het Chi    14.40
           Het  df       10
           Het  P      N.S.
          Fixed RR     1.53
                RRl    1.33
                RRu    1.76
                P      +++
         Random  RR    1.50
                RRl    1.23
                RRu    1.83
                P      +++
          Asymm P      N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), cotinine (c), spouse (s), household (h)
2) MEA Measure of dose = number of cigs (n), years (y), pack-years (k), hours (h), persons (p),
      serum cotinine (c), semi-quantitative level (l)
3) The highest available dose level

Table 35
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
High dose
Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
2	LEE	12	m	4	l	5	12	1	-	-	-	-	1.77 (	0.41-	7.61)
2	LEE	14	f	4	l	5	12	1	-	-	-	-	2.44 (	0.90-	6.58)
Subtotal 2													2.20 (	0.97-	5.01)
8	YOU	12	c	s	n	21	999	5	-	-	-	-	1.91 (	0.94-	3.88)
9	IRIBA1	8	m	t	h	40	999	11	-	-	-	-	0.45 (	0.10-	1.32)
9	IRIBA1	16	f	t	h	40	999	11	-	-	-	-	0.52 (	0.21-	1.12)
Subtotal 9													0.50 (	0.25-	1.01)
*12	IRIBA2	2	m	h	h	20	999	1	-	-	-	-	1.45 (	0.86-	2.44)
*12	IRIBA2	14	f	h	h	20	999	1	-	-	-	-	1.55 (	1.12-	2.15)
Subtotal 12													1.52 (	1.15-	2.01)
*13	WHINCU	3	m	c	c	3	14	2	-	-	-	-	1.25 (	0.54-	2.89)
14	MCGHEE	4	c	h	p	2	999	2	-	-	-	-	2.08 (	1.33-	3.25)
*16	ZHANG	28	f	s	n	20	999	1	-	-	-	-	1.62 (	1.30-	2.02)
*17	WEN	6	f	s	k	18	999	9	-	-	-	-	1.36 (	0.94-	1.96)
Partial Totals									0	0	0	0			

*prospective study

StN	Ref	NRR	SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	12	m	4	l	5	12	1	0.57	1.80	0.04	0.4435
2	LEE	14	f	4	l	5	12	1	0.89	3.88	0.83	0.0788
Subtotal 2									0.61	5.68	0.87	
8	YOU	12	c	s	n	21	999	5	0.65	7.65	0.36	0.0736
9	IRIBA1	8	m	t	h	40	999	11	-0.80	2.31	3.48	0.2251
9	IRIBA1	16	f	t	h	40	999	11	-0.65	5.48	6.43	0.1257
Subtotal 9									-2.31	7.79	9.90	
*12	IRIBA2	2	m	h	h	20	999	1	0.37	14.13	0.05	0.1625
*12	IRIBA2	14	f	h	h	20	999	1	0.44	36.13	0.00	0.0084
Subtotal 12									-0.05	50.26	0.05	
*13	WHINCU	3	m	c	c	3	14	2	0.22	5.46	0.23	0.6021
14	MCGHEE	4	c	h	p	2	999	2	0.73	19.25	1.77	0.0013
*16	ZHANG	28	f	s	n	20	999	1	0.48	79.11	0.23	0.0000
*17	WEN	6	f	s	k	18	999	9	0.31	28.46	0.42	0.1009

Relative risks

```
                  N       11
                  NS       8


                  Wt   203.65
         Het Chi   13.84
         Het df       10
         Het P     N.S.
       Fixed RR     1.54
             RRl    1.34
             RRu    1.76
             P      +++
      Random RR     1.50
             RRl    1.24
             RRu    1.81
             P      +++
       Asymm P    N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), cotinine (c), spouse (s), household (h)
2) MEA Measure of dose = number of cigs (n), years (y), pack-years (k), hours (h), persons (p),
       serum cotinine (c), semi-quantitative level (l)
3) The highest available dose level

Table 36
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
Low dose
Overall - most-adjusted

Overall

									Number	Exposed	Non-exposed				
StN	Ref	NRR	SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Case	Cont	Case	Cont	RR		95.00%CI
2	LEE	8	m	4	l	2	4	1	–	–	–	–	1.24 (0.39–	3.99)
2	LEE	10	f	4	l	2	4	1	–	–	–	–	0.86 (0.37–	1.99)
Subtotal 2													0.98 (0.49–	1.93)
8	YOU	10	c	s	n	1	20	5	–	–	–	–	1.55 (0.83–	2.88)
*12	IRIBA2	25	m	h	h	1	19	10	–	–	–	–	0.89 (0.56–	1.42)
*12	IRIBA2	37	f	h	h	1	19	10	–	–	–	–	0.99 (0.72–	1.35)
Subtotal 12													0.96 (0.74–	1.24)
*13	WHINCU	5	m	c	c	1	1	16	–	–	–	–	1.34 (0.53–	3.40)
14	MCGHEE	3	c	h	p	1	1	2	–	–	–	–	1.34 (1.01–	1.79)
*16	ZHANG	8	f	s	n	1	9	14	–	–	–	–	1.28 (0.92–	1.77)
*17	WEN	4	f	s	k	1	9	9	–	–	–	–	1.35 (0.79–	2.31)
Partial Totals									0	0	0	0			

*prospective study

StN	Ref	NRR	SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	8	m	4	l	2	4	1	0.22	2.84	0.01	0.7169
2	LEE	10	f	4	l	2	4	1	-0.15	5.43	0.55	0.7253
Subtotal 2									-0.27	8.27	0.56	
8	YOU	10	c	s	n	1	20	5	0.44	9.93	0.72	0.1673
*12	IRIBA2	25	m	h	h	1	19	10	-0.12	17.75	1.44	0.6235
*12	IRIBA2	37	f	h	h	1	19	10	-0.01	38.89	1.24	0.9500
Subtotal 12									-0.46	56.63	2.68	
*13	WHINCU	5	m	c	c	1	1	16	0.29	4.45	0.07	0.5371
14	MCGHEE	3	c	h	p	1	1	2	0.29	46.92	0.72	0.0450
*16	ZHANG	8	f	s	n	1	9	14	0.25	35.89	0.22	0.1392
*17	WEN	4	f	s	k	1	9	9	0.30	13.35	0.23	0.2729

Relative risks

	N	9
	NS	7
	Wt	175.43
Het Chi		5.21
Het df		8
Het P		N.S.
Fixed RR		1.18
	RRl	1.02
	RRu	1.37
	P	+
Random RR		1.18
	RRl	1.02
	RRu	1.37
	P	+
Asymm P		N.S.

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), home/work/travel/leisure (4), cotinine (c)
2) MEA Measure of dose = number of cigs (n), years (y), pack-years (k), hours (h), persons (p),
       serum cotinine (c), semi-quantitative level (l)
3) The lowest available dose level. (No further selection was made on time of exposure)

Table 37
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 06-SEP-07
Low dose
Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI
2	LEE	8	m	4	l	2	4	1	–	–	–	–	1.24 (	0.39– 3.99)
2	LEE	10	f	4	l	2	4	1	–	–	–	–	0.86 (	0.37– 1.99)
Subtotal 2													0.98 (	0.49– 1.93)
8	YOU	10	c	s	n	1	20	5	–	–	–	–	1.55 (	0.83– 2.88)
*12	IRIBA2	1	m	h	h	1	19	1	–	–	–	–	0.96 (	0.61– 1.51)
*12	IRIBA2	13	f	h	h	1	19	1	–	–	–	–	1.05 (	0.77– 1.42)
Subtotal 12													1.02 (	0.79– 1.32)
*13	WHINCU	1	m	c	c	1	1	2	–	–	–	–	1.01 (	0.43– 2.35)
14	MCGHEE	3	c	h	p	1	1	2	–	–	–	–	1.34 (	1.01– 1.79)
*16	ZHANG	26	f	s	n	1	9	1	–	–	–	–	1.30 (	0.95– 1.79)
*17	WEN	4	f	s	k	1	9	9	–	–	–	–	1.35 (	0.79– 2.31)
Partial Totals									0	0	0	0		

*prospective study

StN	Ref	NRR	SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	8	m	4	l	2	4	1	0.22	2.84	0.00	0.7169
2	LEE	10	f	4	l	2	4	1	-0.15	5.43	0.60	0.7253
Subtotal 2									-0.30	8.27	0.61	
8	YOU	10	c	s	n	1	20	5	0.44	9.93	0.65	0.1673
*12	IRIBA2	1	m	h	h	1	19	1	-0.04	18.70	0.93	0.8599
*12	IRIBA2	13	f	h	h	1	19	1	0.05	41.02	0.74	0.7547
Subtotal 12									-0.36	59.73	1.67	
*13	WHINCU	1	m	c	c	1	1	2	0.01	5.33	0.16	0.9817
14	MCGHEE	3	c	h	p	1	1	2	0.29	46.92	0.57	0.0450
*16	ZHANG	26	f	s	n	1	9	1	0.26	38.29	0.24	0.1045
*17	WEN	4	f	s	k	1	9	9	0.30	13.35	0.18	0.2729

Relative risks

```
                    N        9
                    NS       7


                    Wt     181.80
            Het Chi          4.08
            Het  df             8
            Het  P          N.S.
            Fixed  RR        1.20
                    RRl      1.04
                    RRu      1.39
                    P           +
            Random  RR       1.20
                    RRl      1.04
                    RRu      1.39
                    P           +
            Asymm  P         N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = spouse (s), household (h), home/work/travel/leisure (4), cotinine (c)
2) MEA Measure of dose = number of cigs (n), years (y), pack-years (k), hours (h), persons (p),
       serum cotinine (c), semi-quantitative level (l)
3) The lowest available dose level. (No further selection was made on time of exposure)

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                                                    Table 38
                         ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
                                                    Low dose
                                              Overall - most-adjusted


Overall
                                                              Number Exposed  Non-exposed
  StN Ref      NRR      SEX EXP MEASLOWEXP     HIEXP    ADJ    Case    Cont    Case    Cont      RR        95.00%CI
   2  LEE      8        m   4   l   2          4        1      -       -       -       -       1.24 (  0.39-  3.99)
   2  LEE      10       f   4   l   2          4        1      -       -       -       -       0.86 (  0.37-  1.99)
   Subtotal 2                                                                                 0.98 (  0.49-  1.93)
   8  YOU      10       c   s   n   1          20       5      -       -       -       -       1.55 (  0.83-  2.88)
 *12  IRIBA2   25       m   h   h   1          19       10     -       -       -       -       0.89 (  0.56-  1.42)
 *12  IRIBA2   37       f   h   h   1          19       10     -       -       -       -       0.99 (  0.72-  1.35)
   Subtotal 12                                                                                0.96 (  0.74-  1.24)
 *13  WHINCU   5        m   c   c   1          1        16     -       -       -       -       1.34 (  0.53-  3.40)
  14  MCGHEE   3        c   h   p   1          1        2      -       -       -       -       1.34 (  1.01-  1.79)
 *16  ZHANG    8        f   s   n   1          9        14     -       -       -       -       1.28 (  0.92-  1.77)
 *17  WEN      4        f   s   k   1          9        9      -       -       -       -       1.35 (  0.79-  2.31)
Partial Totals                                                       0       0       0       0
*prospective study

  StN Ref      NRR      SEX EXP MEASLOWEXP     HIEXP    ADJ         Ys         Ws         Qs         Ps

   2  LEE      8        m   4   l   2          4        1         0.22       2.84       0.01       0.7169
   2  LEE      10       f   4   l   2          4        1        -0.15       5.43       0.55       0.7253
   Subtotal 2                                                    -0.27       8.27       0.56
   8  YOU      10       c   s   n   1          20       5         0.44       9.93       0.72       0.1673
 *12  IRIBA2   25       m   h   h   1          19       10       -0.12      17.75       1.44       0.6235
 *12  IRIBA2   37       f   h   h   1          19       10       -0.01      38.89       1.24       0.9500
   Subtotal 12                                                   -0.46      56.63       2.68
 *13  WHINCU   5        m   c   c   1          1        16        0.29       4.45       0.07       0.5371
  14  MCGHEE   3        c   h   p   1          1        2         0.29      46.92       0.72       0.0450
 *16  ZHANG    8        f   s   n   1          9        14        0.25      35.89       0.22       0.1392
 *17  WEN      4        f   s   k   1          9        9         0.30      13.35       0.23       0.2729


Relative risks


                            N          9
                            NS         7


                            Wt       175.43
                    Het Chi          5.21
                    Het  df             8
                    Het  P           N.S.
                  Fixed  RR          1.18
                         RRl         1.02
                         RRu         1.37
                         P             +
                  Random RR          1.18
                         RRl         1.02
                         RRu         1.37
                         P             +
                  Asymm  P           N.S.






------------------------------------------------------------------------------------
Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), cotinine (c), spouse (s), household (h)
2) MEA Measure of dose = number of cigs (n), years (y), pack-years (k), hours (h), persons (p),
       serum cotinine (c), semi-quantitative level (l)
3) The lowest available dose level
```

Table 39
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 06-SEP-07
Low dose
Overall - least-adjusted

Overall

StN	Ref	NRR		SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR		95.00%CI	
2	LEE	8		m	4	l	2	4	1	-	-	-	-	1.24 (	0.39-	3.99)	
2	LEE	10		f	4	l	2	4	1	-	-	-	-	0.86 (	0.37-	1.99)	
Subtotal 2														0.98 (	0.49-	1.93)	
8	YOU	10		c	s	n	1	20	5	-	-	-	-	1.55 (	0.83-	2.88)	
*12	IRIBA2	1		m	h	h	1	19	1	-	-	-	-	0.96 (	0.61-	1.51)	
*12	IRIBA2	13		f	h	h	1	19	1	-	-	-	-	1.05 (	0.77-	1.42)	
Subtotal 12														1.02 (	0.79-	1.32)	
*13	WHINCU	1		m	c	c	1	1	2	-	-	-	-	1.01 (	0.43-	2.35)	
14	MCGHEE	3		c	h	p	1	1	2	-	-	-	-	1.34 (	1.01-	1.79)	
*16	ZHANG	26		f	s	n	1	9	1	-	-	-	-	1.30 (	0.95-	1.79)	
*17	WEN	4		f	s	k	1	9	9	-	-	-	-	1.35 (	0.79-	2.31)	
Partial Totals										0	0	0	0				

*prospective study

StN	Ref	NRR		SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	8		m	4	l	2	4	1	0.22	2.84	0.00	0.7169
2	LEE	10		f	4	l	2	4	1	-0.15	5.43	0.60	0.7253
Subtotal 2										-0.30	8.27	0.61	
8	YOU	10		c	s	n	1	20	5	0.44	9.93	0.65	0.1673
*12	IRIBA2	1		m	h	h	1	19	1	-0.04	18.70	0.93	0.8599
*12	IRIBA2	13		f	h	h	1	19	1	0.05	41.02	0.74	0.7547
Subtotal 12										-0.36	59.73	1.67	
*13	WHINCU	1		m	c	c	1	1	2	0.01	5.33	0.16	0.9817
14	MCGHEE	3		c	h	p	1	1	2	0.29	46.92	0.57	0.0450
*16	ZHANG	26		f	s	n	1	9	1	0.26	38.29	0.24	0.1045
*17	WEN	4		f	s	k	1	9	9	0.30	13.35	0.18	0.2729

Relative risks

```
              N        9
              NS       7


              Wt     181.80
        Het Chi      4.08
        Het  df         8
        Het   P      N.S.
      Fixed  RR      1.20
             RRl      1.04
             RRu      1.39
               P        +
      Random RR       1.20
             RRl      1.04
             RRu      1.39
               P        +
      Asymm  P       N.S.
```

Within each study, results are included (in the following order of preference) for:
1) EXP Exposure = total (t), home/work/travel/leisure (4), cotinine (c), spouse (s), household (h)
2) MEA Measure of dose = number of cigs (n), years (y), pack-years (k), hours (h), persons (p),
        serum cotinine (c), semi-quantitative level (l)
3) The lowest available dose level