Detailed meta-analysis on ETS and Stroke
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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).

Where a study presents results for more than one stroke type, the results to include are selected according to
the order of preference: 1) stroke or CVD, 2) ischaemic stroke, 3) haemorrhagic stroke, 4) other stroke type
(except for Tables 14 and 15: see below for details).

In all tables, estimates for males and females separately are chosen if available, in preference to a combined
estimate.

"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.)

Tables 1-15 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, ischaemic, haemorrhagic, other stroke) - most-adjusted
        (Where a study presents results for more than one stroke type, the results
         to include are selected according to the order of preference for stroke type
         described above, so results for ischaemic, haemorrhagic and other stroke are
         not selected for studies that also provide results for overall stroke or CVD.)
13. By study weaknesses   - most-adjusted
14. Ischaemic stroke, overall, most adjusted   - most-adjusted
        (All results for ischaemic stroke are eligible for inclusion.)
15. Haemorrhagic stroke, overall, most adjusted   - most-adjusted
        (All results for haemorragic stroke are eligible for inclusion.)

Tables 16-21 correspond to Tables 1-6 for Spouse ETS exposure ever (or nearest equivalent), and similarly
Tables 22-27 give information on Total ETS exposure (or nearest equivalent).

Some tables are then repeated but excluding studies of silent cerebral infarction or transient ischaemic attack,
with Tables 28-29 for Spouse ETS exposure current (or nearest equivalent) (corresponding to Tables 1-2),
Tables 30-31 for Spouse ETS exposure ever (or nearest equivalent) (corresponding to Tables 16-17) and
Tables 32-33 for Total ETS exposure (or nearest equivalent) (corresponding to Tables 22-23).

For studies with results available by level of ETS dose:
Tables 34-37 give information for the highest available dose, and
Tables 38-41 for the lowest available dose;
with Tables 34-35 (high dose) and Tables 38-39 (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 36-37 and Tables 40-41 for Total ETS exposure (or nearest equivalent) correspond to Tables 22-23.

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.

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The tables show, for each estimate included in the analysis:
  StN = Study reference number
  Ref = Study 6-letter reference on the database
  NRR = The number of the estimate within that study on the database (see 'multiple estimates' details above)
  SEX = Sex of the subjects included in the estimate: male (m), female (f), combined (c)
  EXP = Exposure type: spousal (s), from household members (h), during childhood (y), at work (w),
        while travelling (o), at both home and work (b), miscellaneous (m), cotinine (c),
        total exposure: any (t), spouse and/or work (2), home, work, travel and/or leisure (3)
                        home and/or work (4), home, small spaces and/or large indoor areas (5)
                        home, work and/or social (6), spouse, work and/or childhood (7)
  ADJ = The number of adjustment factors (excluding sex) in the estimate
        (20 indicates adjusted for an unknown number of factors)
  UNX = Definition of the unexposed group. Not listed in the tables but used in the order of preference.

For estimates of overall risk, the tables also show:
  TIM = Timing of the exposure: ever/unspecified (e), current (c), during marriage (m), in the last 5 years (x),
        in the last 20 years (y), in the last 25 years (z), in the past (p), in adulthood (a),
        for more than 10 years (t)
  TYP = Type of stroke reported: fatal (f), non-fatal (n), both (b)
  TP2 = Type of stroke reported: cerebrovascular disease (v), stroke (s), subarachnoid haemorrhage (h),
        ischaemic stroke (i), cerebral ischaemia (c), silent cerebral infarction (n), aneurysmal subarachnoid
        haemorrhage (a), transient ischaemic attack (t), haemorrhagic stroke (9)

For estimates by dose group, the tables show:
  MEAS  = Measure of exposure: cigarettes/day (n), minutes/day (d), hours/week (h), pack-years (k),
          number of persons exposed to (p), years ago (x), years (y), times per week (z),
          pack-years x hours/day (8), years x persons (9), pack-years x persons (t), years x exposure types (u)
          hours/day x years (v), pack-years x persons x hours/day (w),
          serum cotinine (c), level number in a semi-quantitative measure (l)
  LOWEX = Lower limit of the exposure dose considered
  HIEXP = Upper limit of the exposure dose considered

The estimates are shown in blocks according to the "factor" relevant to that table, e.g. by sex for Table 3,
by continent for Table 6. 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 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 - Y) where Y is the mean of the Ys
              values (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:
              +++ or --- = p<0.001;  ++ or -- = p<0.01;  + or - = p<0.05; (+) or (-) = 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 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 value for heterogeneity;
                for results 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 LEE2009J.pdf. The results are also summarized in
download LEE2009I.pdf (which includes references to the individual studies).
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Table 1
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
Overall - most-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	2	c	t	c	n	n	10	–	–	–	–	1.06 (	0.64–	1.75)
7	BONITA	4	m	4	t	b	s	4	–	–	–	–	2.10 (	1.33–	3.32)
7	BONITA	5	f	4	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)
*20	GLYMOU	2	m	s	c	b	s	14	–	–	–	–	1.63 (	0.83–	2.70)
*20	GLYMOU	5	f	s	c	b	s	14	–	–	–	–	1.46 (	1.00–	2.18)
Subtotal 20													1.51 (	1.09–	2.09)
21	HE	16	f	4	t	n	s	12	–	–	–	–	1.65 (	1.17–	2.32)
Partial Totals									0	0	0	0			

*prospective study

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 1
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
Overall - most-adjusted

Overall

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	1.57	0.31
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.12	0.56
Subtotal 1									-0.99	1.68	1.69	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.62	0.75
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	1.20	0.79
Subtotal 2									-0.77	13.84	1.82	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.20	0.32
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.91	0.88
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.18	0.02
Subtotal 5									-0.33	136.18	2.09	
6	HOWARD	2	c	t	c	n	n	10	0.06	15.19	0.59	0.82
7	BONITA	4	m	4	t	b	s	4	0.74	18.36	4.35	0.00
7	BONITA	5	f	4	t	b	s	4	0.51	20.01	1.27	0.02
Subtotal 7									0.74	38.37	5.62	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	0.98	0.06
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.54	0.07
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.04	0.40
Subtotal 9									-1.69	18.34	4.58	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.02	0.89
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.54	0.81
Subtotal 10									-0.45	16.55	1.56	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.94	0.15
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.00	0.39
Subtotal 11									-0.94	15.24	3.94	
*12	IRIBA2	27	m	h	c	b	i	10	0.02	28.48	1.58	0.92
*12	IRIBA2	39	f	h	c	b	i	10	0.16	64.30	0.62	0.21
Subtotal 12									-0.33	92.78	2.20	
*13	WHINCU	8	m	c	c	b	s	16	0.43	5.78	0.18	0.30
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.00	0.20
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.20	0.01
Subtotal 14									0.21	53.62	1.20	
*15	QURESH	2	f	s	e	b	s	7	-0.11	25.70	3.34	0.59
*16	ZHANG	22	f	s	c	n	s	14	0.36	118.56	1.42	0.00
*17	WEN	2	f	s	c	f	s	9	0.42	32.41	0.87	0.02
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.53	0.01
*18	HILL1	2	f	h	c	f	v	9	-0.11	43.98	5.72	0.48
Subtotal 18									-0.15	79.04	7.24	
*19	HILL2	1	m	h	c	f	v	9	0.60	21.96	2.59	0.01
*19	HILL2	2	f	h	c	f	v	9	0.16	20.15	0.19	0.48
Subtotal 19									0.25	42.11	2.79	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.60	0.10
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.38	0.06
Subtotal 20									0.36	36.34	0.99	
21	HE	16	f	4	t	n	s	12	0.50	32.79	1.98	0.00

Relative risks

N	32	
NS	20	
Wt	791.81	
Het Chi	45.28	
Het df	31	
Het P	*	
Fixed RR	1.29	
RRl	1.20	
RRu	1.38	
P	+++	
Random RR	1.28	
RRl	1.17	
RRu	1.41	
P	+++	
Asymm P	N.S.	

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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 2
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
Overall - least-adjusted

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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 1       c   t   c   n   n   2     -      -       -      -       1.03 (  0.63-   1.67)
  7   BONITA 1       m   4   t   b   s   1     -      -       -      -       2.06 (  1.34-   3.17)
  7   BONITA 2       f   4   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)
 *20  GLYMOU 2       m   s   c   b   s   14    -      -       -      -       1.63 (  0.83-   2.70)
 *20  GLYMOU 5       f   s   c   b   s   14    -      -       -      -       1.46 (  1.00-   2.18)
  Subtotal 20                                                               1.51 (  1.09-   2.09)
  21  HE     16      f   4   t   n   s   12    -      -       -      -       1.65 (  1.17-   2.32)
Partial Totals                                 0      0       0      0
*prospective study
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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 2
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
Overall - least-adjusted

Overall

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	1.59	0.31
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.11	0.56
Subtotal 1									-1.00	1.68	1.70	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.64	0.75
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	1.24	0.79
Subtotal 2									-0.78	13.84	1.87	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.19	0.32
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.99	0.88
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.23	0.02
Subtotal 5									-0.34	136.18	2.22	
6	HOWARD	1	c	t	c	n	n	2	0.03	16.17	0.86	0.91
7	BONITA	1	m	4	t	b	s	1	0.72	20.72	4.43	0.00
7	BONITA	2	f	4	t	b	s	1	0.41	25.06	0.53	0.04
Subtotal 7									0.61	45.78	4.96	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	0.94	0.06
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.57	0.07
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.05	0.40
Subtotal 9									-1.70	18.34	4.61	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.02	0.89
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.59	0.81
Subtotal 10									-0.46	16.55	1.62	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.99	0.15
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.00	0.39
Subtotal 11									-0.95	15.24	3.99	
*12	IRIBA2	3	m	h	c	b	i	1	0.11	29.77	0.64	0.54
*12	IRIBA2	15	f	h	c	b	i	1	0.21	66.27	0.19	0.09
Subtotal 12									-0.20	96.04	0.83	
*13	WHINCU	4	m	c	c	b	s	2	-0.04	8.43	0.77	0.91
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.00	0.20
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.13	0.01
Subtotal 14									0.20	53.62	1.14	
*15	QURESH	1	f	s	e	b	s	1	-0.11	21.40	2.86	0.63
*16	ZHANG	33	f	s	c	n	s	1	0.38	136.67	1.90	0.00
*17	WEN	2	f	s	c	f	s	9	0.42	32.41	0.81	0.02
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.45	0.01
*18	HILL1	3	f	h	c	f	v	2	-0.13	46.88	7.07	0.38
Subtotal 18									-0.18	81.94	8.52	
*19	HILL2	3	m	h	c	f	v	2	0.65	19.92	2.98	0.00
*19	HILL2	4	f	h	c	f	v	2	0.15	20.31	0.25	0.50
Subtotal 19									0.27	40.23	3.23	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.58	0.10
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.35	0.06
Subtotal 20									0.35	36.34	0.93	
21	HE	16	f	4	t	n	s	12	0.50	32.79	1.89	0.00

Relative risks

N	32
NS	20
Wt	820.93
Het Chi	45.85
Het df	31
Het P	*
Fixed RR	1.30
RRl	1.21
RRu	1.39
P	+++
Random RR	1.28
RRl	1.17
RRu	1.41
P	+++
Asymm P	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 3
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By sex - most-adjusted

combined

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)
Partial Totals									0	0	0	0		

*prospective study

male

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)
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	4	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)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63 (	0.83- 2.70)
Partial Totals									0	0	0	0		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed 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	4	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)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46 (	1.00- 2.18)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 (	1.17- 2.32)
Partial Totals									0	0	0	0		

*prospective study

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 3
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By sex - most-adjusted

	combined	male	female	Total
Relative risks				
N	3	13	16	32
NS	3	13	16	32
Wt	32.46	178.09	581.26	791.81
Het Chi	1.70	23.33	20.00	45.28
Het df	2	12	15	31
Het P	N.S.	*	N.S.	*
Fixed RR	1.35	1.32	1.28	1.29
RRl	0.96	1.14	1.18	1.20
RRu	1.91	1.53	1.39	1.38
P	(+)	+++	+++	+++
Random RR	1.35	1.26	1.27	1.28
RRl	0.96	1.00	1.15	1.17
RRu	1.91	1.59	1.40	1.41
P	(+)	+	+++	+++
Asymm P	N.S.	(*)	N.S.	N.S.
Between Chi		0.01	0.10	0.26
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

_____

Within each study, results are selected according to in the following order of preference:

1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t

2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition

3) TYP : b, f, n

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 4
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By sex - least-adjusted

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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     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   4   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)
 *20  GLYMOU  2          m   s   c   b   s  14     -      -       -       -     1.63 (  0.83-   2.70)
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     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   4   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)
 *20  GLYMOU  5          f   s   c   b   s  14     -      -       -       -     1.46 (  1.00-   2.18)
  21  HE     16          f   4   t   n   s  12     -      -       -       -     1.65 (  1.17-   2.32)
Partial Totals                                      0      0       0       0
*prospective study
```

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

		combined	male	female	Total
Relative risks					
	N	3	13	16	32
	NS	3	13	16	32
	Wt	33.45	182.35	605.13	820.93
Het	Chi	1.98	23.56	20.19	45.85
Het	df	2	12	15	31
Het	P	N.S.	*	N.S.	*
Fixed	RR	1.32	1.32	1.29	1.30
	RRl	0.94	1.14	1.19	1.21
	RRu	1.86	1.53	1.40	1.39
	P	N.S.	+++	+++	+++
Random	RR	1.32	1.24	1.27	1.28
	RRl	0.94	0.99	1.15	1.17
	RRu	1.86	1.56	1.41	1.41
	P	N.S.	(+)	+++	+++
Asymm	P	N.S.	*	N.S.	N.S.
Between	Chi			0.02	0.12
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 5
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By source of exposure - most-adjusted

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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)
 *20  GLYMOU 2        m   s   c   b   s   14   -      -        -      -        1.63 (  0.83-   2.70)
 *20  GLYMOU 5        f   s   c   b   s   14   -      -        -      -        1.46 (  1.00-   2.18)
   Subtotal 20                                                                1.51 (  1.09-   2.09)
 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   4   t   b   s   4    -      -        -      -        2.10 (  1.33-   3.32)
   7  BONITA 5        f   4   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)
  21  HE     16       f   4   t   n   s   12   -      -        -      -        1.65 (  1.17-   2.32)
 Partial Totals                                  0      0        0      0
 *prospective study


household
                                             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 selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 5
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By source of exposure - most-adjusted

		spouse	total	household	Total
Relative risks					
	N	9	7	16	32
	NS	7	5	8	20
	Wt	244.13	108.68	438.99	791.81
Het	Chi	8.79	7.85	23.79	45.28
Het	df	8	6	15	31
Het	P	N.S.	N.S.	(*)	*
Fixed	RR	1.37	1.48	1.21	1.29
	RRl	1.21	1.23	1.10	1.20
	RRu	1.55	1.79	1.33	1.38
	P	+++	+++	+++	+++
Random	RR	1.36	1.46	1.20	1.28
	RRl	1.18	1.17	1.05	1.17
	RRu	1.56	1.83	1.37	1.41
	P	+++	+++	++	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.48	2.45	4.86
Between	df		1	1	2
Between	P		N.S.	N.S.	(*)

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 6
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
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)
*20 GLYMOU	2	m	s	c	b	s	14	–	–	–	–	1.63 (	0.83- 2.70)
*20 GLYMOU	5	f	s	c	b	s	14	–	–	–	–	1.46 (	1.00- 2.18)
Subtotal 20												1.51 (	1.09- 2.09)
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)
21 HE	16	f	4	t	n	s	12	–	–	–	–	1.65 (	1.17- 2.32)
Partial Totals								0	0	0	0		

*prospective study

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 6
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By continent - most-adjusted

Other

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)
7	BONITA	4	m	4	t	b	s	4	–	–	–	–	2.10 (	1.33– 3.32)
7	BONITA	5	f	4	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

Relative risks

		NAmerica	Europe	Asia	Other	Total
	N	10	5	7	10	32
	NS	6	3	5	6	20
	Wt	324.53	21.30	253.93	192.05	791.81
Het	Chi	10.15	2.61	4.00	20.09	45.28
Het	df	9	4	6	9	31
Het	P	N.S.	N.S.	N.S.	*	*
Fixed	RR	1.16	1.03	1.44	1.37	1.29
	RRl	1.04	0.67	1.27	1.19	1.20
	RRu	1.29	1.57	1.63	1.58	1.38
	P	++	N.S.	+++	+++	+++
Random	RR	1.15	1.03	1.44	1.40	1.28
	RRl	1.02	0.67	1.27	1.12	1.17
	RRu	1.30	1.57	1.63	1.75	1.41
	P	+	N.S.	+++	++	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.29	6.59	3.30	8.43
Between	df		1	1	1	3
Between	P		N.S.	+	(+)	*

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 7
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By publication year (grouped) - most-adjusted

1984-89

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)
Partial Totals									0	0	0	0		

*prospective study

1990-99

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed 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	4	t	b	s	4	-	-	-	-	2.10 (	1.33- 3.32)
7	BONITA	5	f	4	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

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

2005-08

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed 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)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63 (	0.83- 2.70)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46 (	1.00- 2.18)
Subtotal 20													1.51 (	1.09- 2.09)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 (	1.17- 2.32)

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 7
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By publication year (grouped) - most-adjusted

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2005-08
                                       Number Exposed  Non-exposed
 StN Ref    NRR    SEX EXP TIM TYP TY2 ADJ  Case   Cont  Case   Cont      RR         95.00%CI
Partial Totals                              0      0     0      0
*prospective study

                                   1984-89     1990-99     2000-04     2005-08       Total
Relative risks


                            N         7           4           9          12          32
                            NS        4           3           5           8          20


                            Wt     156.09       66.45      148.69      420.58      791.81
                      Het  Chi      4.15         4.01        8.37       18.19       45.28
                      Het  df         6            3           8          11          31
                      Het  P       N.S.         N.S.        N.S.         (*)          *
                      Fixed RR      1.16         1.61        1.09        1.37        1.29
                            RRl     1.00         1.26        0.93        1.25        1.20
                            RRu     1.36         2.04        1.28        1.51        1.38
                            P        (+)         +++        N.S.         +++         +++
                      Random RR     1.16         1.60        1.09        1.37        1.28
                            RRl     1.00         1.21        0.92        1.20        1.17
                            RRu     1.36         2.11        1.29        1.56        1.41
                            P        (+)         +++        N.S.         +++         +++
                      Asymm P      N.S.         N.S.        N.S.        N.S.        N.S.
                      Between Chi                4.83        0.30        3.12       10.57
                      Between df                  1           1           1           3
                      Between P                   +         N.S.         (+)          *
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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 8
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By number of stroke cases (grouped) - most-adjusted

1-199

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)
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)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 (	1.17-	2.32)
Partial Totals									0	0	0	0			

*prospective study

200+

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)
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10 (	1.33-	3.32)
7	BONITA	5	f	4	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)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63 (	0.83-	2.70)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46 (	1.00-	2.18)
Subtotal 20													1.51 (	1.09-	2.09)
Partial Totals									0	0	0	0			

*prospective study

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 8
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By number of stroke cases (grouped) - most-adjusted

		1-199	200+	Total
Relative risks				
	N	17	15	32
	NS	12	8	20
	Wt	194.80	597.01	791.81
Het	Chi	21.01	23.31	45.28
Het	df	16	14	31
Het	P	N.S.	(*)	*
Fixed	RR	1.21	1.32	1.29
	RRl	1.06	1.22	1.20
	RRu	1.40	1.43	1.38
	P	++	+++	+++
Random	RR	1.18	1.33	1.28
	RRl	0.99	1.19	1.17
	RRu	1.40	1.48	1.41
	P	(+)	+++	+++
Asymm	P	(*)	N.S.	N.S.
Between	Chi		0.96	0.96
Between	df		1	1
Between	P		N.S.	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 9
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By study type - most-adjusted

```
case-control
                                          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)
  7   BONITA  4       m   4   t   b   s   4    -      -     -      -     2.10 (  1.33-   3.32)
  7   BONITA  5       f   4   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
                                          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)
  *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)
  *20 GLYMOU  2       m   s   c   b   s   14   -      -     -      -     1.63 (  0.83-   2.70)
  *20 GLYMOU  5       f   s   c   b   s   14   -      -     -      -     1.46 (  1.00-   2.18)
  Subtotal 20                                                           1.51 (  1.09-   2.09)
Partial Totals                                  0      0     0      0
*prospective study


cross-sectional
                                          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)
  *16 ZHANG   22      f   s   c   n   s   14   -      -     -      -     1.44 (  1.20-   1.72)
  21  HE      16      f   4   t   n   s   12   -      -     -      -     1.65 (  1.17-   2.32)
Partial Totals                                  0      0     0      0
*prospective study
```

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 9

ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By study type - most-adjusted

		case-control	prospective	cross-sectio	Total
Relative risks					
	N	10	17	5	32
	NS	6	10	4	20
	Wt	138.35	468.59	184.87	791.81
Het	Chi	11.95	20.99	7.43	45.28
Het	df	9	16	4	31
Het	P	N.S.	N.S.	N.S.	*
Fixed	RR	1.45	1.21	1.40	1.29
	RRl	1.23	1.11	1.21	1.20
	RRu	1.71	1.32	1.61	1.38
	P	+++	+++	+++	+++
Random	RR	1.42	1.21	1.32	1.28
	RRl	1.16	1.08	1.03	1.17
	RRu	1.73	1.36	1.69	1.41
	P	+++	+++	+	+++
Asymm	P	(*)	N.S.	N.S.	N.S.
Between	Chi		3.43	0.10	4.91
Between	df		1	1	2
Between	P		(-)	N.S.	(*)

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 10
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By total number of confounders considered in the study (grouped) - most-adjusted

0-5

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)	
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10 (	1.33-	3.32)	
7	BONITA	5	f	4	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

6+

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed 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)	
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)	
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63 (	0.83-	2.70)	
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46 (	1.00-	2.18)	
Subtotal 20													1.51 (	1.09-	2.09)	
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 (	1.17-	2.32)	
Partial Totals									0	0	0	0				

*prospective study

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 10
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By total number of confounders considered in the study (grouped) - most-adjusted

	0-5	6+	Total
Relative risks			
N	14	18	32
NS	8	12	20
Wt	277.52	514.29	791.81
Het Chi	15.14	30.09	45.28
Het df	13	17	31
Het P	N.S.	*	*
Fixed RR	1.30	1.28	1.29
RRl	1.16	1.18	1.20
RRu	1.47	1.40	1.38
P	+++	+++	+++
Random RR	1.31	1.26	1.28
RRl	1.14	1.11	1.17
RRu	1.51	1.43	1.41
P	+++	+++	+++
Asymm P	N.S.	N.S.	N.S.
Between Chi		0.04	0.04
Between df		1	1
Between P		N.S.	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 11
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
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)
21	HE	16	f	4	t	n	s	12	–	–	–	–	1.65 (	1.17– 2.32)
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	4	t	b	s	4	–	–	–	–	2.10 (	1.33– 3.32)
7	BONITA	5	f	4	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)
*20	GLYMOU	2	m	s	c	b	s	14	–	–	–	–	1.63 (	0.83– 2.70)
*20	GLYMOU	5	f	s	c	b	s	14	–	–	–	–	1.46 (	1.00– 2.18)
Subtotal 20													1.51 (	1.09– 2.09)
Partial Totals									0	0	0	0		

*prospective study

_____

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 11
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By stroke fatality - most-adjusted

		Fatal	Nonfatal	Both	Total
Relative risks					
	N	13	8	11	32
	NS	7	6	7	20
	Wt	361.60	211.60	218.61	791.81
Het	Chi	17.26	10.56	16.37	45.28
Het	df	12	7	10	31
Het	P	N.S.	N.S.	(*)	*
Fixed	RR	1.26	1.37	1.26	1.29
	RRl	1.14	1.20	1.11	1.20
	RRu	1.40	1.57	1.44	1.38
	P	+++	+++	+++	+++
Random	RR	1.27	1.30	1.29	1.28
	RRl	1.10	1.06	1.07	1.17
	RRu	1.45	1.60	1.55	1.41
	P	+++	+	++	+++
Asymm	P	N.S.	(*)	N.S.	N.S.
Between	Chi		0.96	0.00	1.10
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 12
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
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	4	t	b	s	4	–	–	–	–	2.10 (	1.33– 3.32)
7	BONITA	5	f	4	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)
*20	GLYMOU	2	m	s	c	b	s	14	–	–	–	–	1.63 (	0.83– 2.70)
*20	GLYMOU	5	f	s	c	b	s	14	–	–	–	–	1.46 (	1.00– 2.18)
	Subtotal 20												1.51 (	1.09– 2.09)
21	HE	16	f	4	t	n	s	12	–	–	–	–	1.65 (	1.17– 2.32)
	Partial Totals								0	0	0	0		

*prospective study

ischaemic

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

haemorrhagic

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

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 12
<u>ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09</u>
By stroke grouping - most-adjusted

```
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)
Partial Totals                             0      0      0      0
*prospective study
```

		stroke	ischaemic	haemorrhagic	other	Total
Relative risks						
	N	23	4	4	1	32
	NS	14	3	2	1	20
	Wt	634.77	120.86	31.79	4.39	791.81
Het	Chi	35.14	2.48	2.90	0.00	45.28
Het	df	22	3	3	0	31
Het	P	*	N.S.	N.S.	N.S.	*
Fixed	RR	1.33	1.16	0.97	1.60	1.29
	RRl	1.23	0.97	0.68	0.63	1.20
	RRu	1.44	1.39	1.37	4.08	1.38
	P	+++	(+)	N.S.	N.S.	+++
Random	RR	1.33	1.16	0.97	1.60	1.28
	RRl	1.19	0.97	0.68	0.63	1.17
	RRu	1.48	1.39	1.37	4.08	1.41
	P	+++	(+)	N.S.	N.S.	+++
Asymm	P	N.S.	N.S.	N.S.		N.S.
Between	Chi		1.86	3.08	0.14	4.76
Between	df		1	1	1	3
Between	P		N.S.	(-)	N.S.	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 13
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By study weakness noted - most-adjusted

absent

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)
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)
*20 GLYMOU 2	m	s	c	b	s	14	-	-	-	-	1.63 (	0.83- 2.70)
*20 GLYMOU 5	f	s	c	b	s	14	-	-	-	-	1.46 (	1.00- 2.18)
Subtotal 20											1.51 (	1.09- 2.09)
21 HE 16	f	4	t	n	s	12	-	-	-	-	1.65 (	1.17- 2.32)
Partial Totals							0	0	0	0		

*prospective study

yes

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)
7 BONITA 4	m	4	t	b	s	4	-	-	-	-	2.10 (	1.33- 3.32)
7 BONITA 5	f	4	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

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 13
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
By study weakness noted - most-adjusted

		absent	yes	Total
Relative risks				
	N	17	15	32
	NS	12	8	20
	Wt	327.37	464.44	791.81
Het	Chi	22.04	22.64	45.28
Het	df	16	14	31
Het	P	N.S.	(*)	*
Fixed	RR	1.33	1.26	1.29
	RRl	1.20	1.15	1.20
	RRu	1.49	1.38	1.38
	P	+++	+++	+++
Random	RR	1.28	1.28	1.28
	RRl	1.11	1.13	1.17
	RRu	1.49	1.45	1.41
	P	+++	+++	+++
Asymm	P	*	N.S.	N.S.
Between	Chi		0.61	0.61
Between	df		1	1
Between	P		N.S.	N.S.

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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 14
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
Ischaemic stroke - most-adjusted

Overall

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)
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)
*15	QURESH	4		f	s	e	b	i	7	–	–	–	–	0.80 (0.60– 1.30)
21	HE	9		f	4	t	n	i	12	–	–	–	–	1.56 (1.03– 2.35)
Partial Totals										0	0	0	0		

*prospective study

Relative risks

		Overall	Total
	N	6	6
	NS	5	5
	Wt	169.14	169.14
Het	Chi	7.98	7.98
Het	df	5	5
Het	P	N.S.	N.S.
Fixed	RR	1.14	1.14
	RRl	0.98	0.98
	RRu	1.33	1.33
	P	(+)	(+)
Random	RR	1.15	1.15
	RRl	0.94	0.94
	RRu	1.41	1.41
	P	N.S.	N.S.
Asymm	P	N.S.	N.S.
Between	Chi		
Between	df		
Between	P		N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : i, n
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 15
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
Haemorrhagic stroke - most-adjusted

```
Overall

                                       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)
 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)
 21  HE     2       f   4   t   n   9   12   -      -      -      -     1.10 (  0.52-   2.34)
Partial Totals                                     0      0      0      0
*prospective study

                                        Overall       Total
Relative risks


                               N          5             5
                               NS         3             3


                               Wt        38.59         38.59
                        Het Chi          2.99          2.99
                        Het  df             4             4
                        Het  P           N.S.          N.S.
                       Fixed  RR         0.99          0.99
                               RRl       0.72          0.72
                               RRu       1.36          1.36
                               P         N.S.          N.S.
                      Random  RR         0.99          0.99
                               RRl       0.72          0.72
                               RRu       1.36          1.36
                               P         N.S.          N.S.
                       Asymm  P          N.S.          N.S.
                     Between Chi
                     Between  df
                     Between  P                        N.S.
```

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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : 9, h, a
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 16
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
Overall - most-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	2	c	t	c	n	n	10	–	–	–	–	1.06 (	0.64–	1.75)
7	BONITA	4	m	4	t	b	s	4	–	–	–	–	2.10 (	1.33–	3.32)
7	BONITA	5	f	4	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)
*20	GLYMOU	3	m	s	e	b	s	14	–	–	–	–	1.01 (	0.65–	1.57)
*20	GLYMOU	6	f	s	e	b	s	14	–	–	–	–	1.10 (	0.82–	1.47)
Subtotal 20													1.07 (	0.84–	1.37)
21	HE	16	f	4	t	n	s	12	–	–	–	–	1.65 (	1.17–	2.32)
Partial Totals									0	0	0	0			

*prospective study

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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 16
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
Overall - most-adjusted

Overall

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	0.31
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.15	0.56
Subtotal 1									-0.90	1.68	1.62	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.50	0.75
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	0.90	0.79
Subtotal 2									-0.68	13.84	1.40	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.30	0.32
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.36	0.88
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.00	0.02
Subtotal 5									-0.24	136.18	1.36	
6	HOWARD	2	c	t	c	n	n	10	0.06	15.19	0.35	0.82
7	BONITA	4	m	4	t	b	s	4	0.74	18.36	5.20	0.00
7	BONITA	5	f	4	t	b	s	4	0.51	20.01	1.76	0.02
Subtotal 7									0.83	38.37	6.96	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.33	0.06
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.29	0.07
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.00	0.40
Subtotal 9									-1.60	18.34	4.29	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.01	0.89
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.13	0.81
Subtotal 10									-0.36	16.55	1.14	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.58	0.15
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.03	0.39
Subtotal 11									-0.85	15.24	3.61	
*12	IRIBA2	27	m	h	c	b	i	10	0.02	28.48	1.03	0.92
*12	IRIBA2	39	f	h	c	b	i	10	0.16	64.30	0.18	0.21
Subtotal 12									-0.24	92.78	1.21	
*13	WHINCU	8	m	c	c	b	s	16	0.43	5.78	0.28	0.30
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.08	0.20
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.81	0.01
Subtotal 14									0.30	53.62	1.89	
*15	QURESH	2	f	s	e	b	s	7	-0.11	25.70	2.56	0.59
*16	ZHANG	6	f	s	e	n	s	14	0.24	104.76	0.09	0.01
*17	WEN	1	f	s	m	f	s	9	0.29	36.30	0.21	0.09
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	2.26	0.01
*18	HILL1	2	f	h	c	f	v	9	-0.11	43.98	4.37	0.48
Subtotal 18									-0.06	79.04	6.63	
*19	HILL2	1	m	h	c	f	v	9	0.60	21.96	3.32	0.01
*19	HILL2	2	f	h	c	f	v	9	0.16	20.15	0.06	0.48
Subtotal 19									0.34	42.11	3.38	
*20	GLYMOU	3	m	s	e	b	s	14	0.01	19.76	0.79	0.96
*20	GLYMOU	6	f	s	e	b	s	14	0.10	45.10	0.59	0.52
Subtotal 20									-0.31	64.86	1.38	
21	HE	16	f	4	t	n	s	12	0.50	32.79	2.77	0.00

Relative risks

N	32
NS	20
Wt	810.40
Het Chi	42.75
Het df	31
Het P	(*)
Fixed RR	1.23
RRl	1.15
RRu	1.32
P	+++
Random RR	1.23
RRl	1.13
RRu	1.35
P	+++
Asymm P	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 17
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
Overall - least-adjusted

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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 1       c   t   c   n   n   2    -      -     -      -      1.03 (  0.63-   1.67)
  7   BONITA 1       m   4   t   b   s   1    -      -     -      -      2.06 (  1.34-   3.17)
  7   BONITA 2       f   4   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)
 *20  GLYMOU 3       m   s   e   b   s   14   -      -     -      -      1.01 (  0.65-   1.57)
 *20  GLYMOU 6       f   s   e   b   s   14   -      -     -      -      1.10 (  0.82-   1.47)
  Subtotal 20                                                           1.07 (  0.84-   1.37)
  21  HE     16      f   4   t   n   s   12   -      -     -      -      1.65 (  1.17-   2.32)
  Partial Totals                              0      0     0      0
  *prospective study
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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 17
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
Overall - least-adjusted

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Overall

 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     0.31
*1   GILLIS 2          f   h   x   f   v   1        0.63     0.84     0.14     0.56
 Subtotal 1                                        -0.92     1.68     1.63
 2   LEE    2          m   s   m   n   s   2       -0.17     3.37     0.53     0.75
 2   LEE    4          f   s   m   n   s   2       -0.08    10.46     0.96     0.79
 Subtotal 2                                        -0.70    13.84     1.49
 4   DONNAN 1          c   s   e   b   c   3        0.47     4.39     0.27     0.32
*5   SANDLE 2          m   h   e   f   v   4       -0.03    23.47     1.47     0.88
*5   SANDLE 4          f   h   e   f   v   4        0.22   112.72     0.00     0.02
 Subtotal 5                                        -0.26   136.18     1.48
 6   HOWARD 1          c   t   c   n   n   2        0.03    16.17     0.59     0.91
 7   BONITA 1          m   4   t   b   s   1        0.72    20.72     5.23     0.00
 7   BONITA 2          f   4   t   b   s   1        0.41    25.06     0.86     0.04
 Subtotal 7                                         0.69    45.78     6.09
 8   YOU    8          c   s   e   n   i   5        0.53    12.89     1.24     0.06
 9   IRIBA1 1          m   h   c   n   s   11      -1.39     1.68     4.35     0.07
 9   IRIBA1 9          f   h   c   n   s   11       0.21    16.65     0.00     0.40
 Subtotal 9                                        -1.62    18.34     4.35
*10  YAMADA 2          m   t   e   f   h   1        0.12     1.20     0.01     0.89
*10  YAMADA 1          f   t   e   f   h   1       -0.06    15.35     1.22     0.81
 Subtotal 10                                       -0.38    16.55     1.23
 11  ANDERS 7          m   h   e   b   h   8       -0.69     4.39     3.66     0.15
 11  ANDERS 6          f   h   e   b   h   8        0.26    10.86     0.02     0.39
 Subtotal 11                                       -0.87    15.24     3.68
*12  IRIBA2 3          m   h   c   b   i   1        0.11    29.77     0.34     0.54
*12  IRIBA2 15         f   h   c   b   i   1        0.21    66.27     0.01     0.09
 Subtotal 12                                       -0.12    96.04     0.35
*13  WHINCU 4          m   c   c   b   s   2       -0.04     8.43     0.57     0.91
 14  MCGHEE 1          m   h   p   f   s   2        0.27    22.45     0.06     0.20
 14  MCGHEE 2          f   h   p   f   s   2        0.45    31.17     1.66     0.01
 Subtotal 14                                        0.28    53.62     1.72
*15  QURESH 1          f   s   e   b   s   1       -0.11    21.40     2.27     0.63
*16  ZHANG  25         f   s   e   n   s   1        0.30   118.43     0.76     0.00
*17  WEN    1          f   s   m   f   s   9        0.29    36.30     0.15     0.09
*18  HILL1  1          m   h   c   f   v   2        0.46    35.07     2.08     0.01
*18  HILL1  3          f   h   c   f   v   2       -0.13    46.88     5.68     0.38
 Subtotal 18                                       -0.10    81.94     7.76
*19  HILL2  3          m   h   c   f   v   2        0.65    19.92     3.63     0.00
*19  HILL2  4          f   h   c   f   v   2        0.15    20.31     0.10     0.50
 Subtotal 19                                        0.36    40.23     3.74
*20  GLYMOU 3          m   s   e   b   s   14       0.01    19.76     0.87     0.96
*20  GLYMOU 6          f   s   e   b   s   14       0.10    45.10     0.70     0.52
 Subtotal 20                                       -0.34    64.86     1.58
 21  HE     16         f   4   t   n   s   12       0.50    32.79     2.58     0.00


Relative risks



                     N        32
                     NS       20



                     Wt      835.10
              Het Chi         43.53
              Het  df            31
              Het  P           (*)
              Fixed RR        1.25
                    RRl       1.16
                    RRu       1.33
                    P         +++
              Random RR       1.24
                    RRl       1.13
                    RRu       1.35
                    P         +++
              Asymm  P        N.S.
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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 18
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
By sex - most-adjusted

combined

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)
Partial Totals									0	0	0	0		

*prospective study

male

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)
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	4	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)
*20	GLYMOU	3	m	s	e	b	s	14	-	-	-	-	1.01 (	0.65- 1.57)
Partial Totals									0	0	0	0		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed 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	4	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)
*20	GLYMOU	6	f	s	e	b	s	14	-	-	-	-	1.10 (	0.82- 1.47)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 (	1.17- 2.32)
Partial Totals									0	0	0	0		

*prospective study

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 18
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
By sex - most-adjusted

		combined	male	female	Total
Relative risks					
	N	3	13	16	32
	NS	3	13	16	32
	Wt	32.46	186.81	591.14	810.40
Het	Chi	1.70	23.99	16.49	42.75
Het	df	2	12	15	31
Het	P	N.S.	*	N.S.	(*)
Fixed	RR	1.35	1.27	1.22	1.23
	RRl	0.96	1.10	1.12	1.15
	RRu	1.91	1.47	1.32	1.32
	P	(+)	++	+++	+++
Random	RR	1.35	1.21	1.21	1.23
	RRl	0.96	0.96	1.11	1.13
	RRu	1.91	1.51	1.32	1.35
	P	(+)	N.S.	+++	+++
Asymm	P	N.S.	(*)	N.S.	N.S.
Between	Chi		0.10	0.35	0.57
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 19
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
By sex - least-adjusted

combined

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	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 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)
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	4	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)
*20	GLYMOU	3	m	s	e	b	s	14	-	-	-	-	1.01 (	0.65- 1.57)
Partial Totals									0	0	0	0		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed 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	4	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)
*20	GLYMOU	6	f	s	e	b	s	14	-	-	-	-	1.10 (	0.82- 1.47)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 (	1.17- 2.32)
Partial Totals									0	0	0	0		

*prospective study

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 19

ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
By sex - least-adjusted

		combined	male	female	Total
Relative risks					
	N	3	13	16	32
	NS	3	13	16	32
	Wt	33.45	191.07	610.58	835.10
Het	Chi	1.98	24.22	17.07	43.53
Het	df	2	12	15	31
Het	P	N.S.	*	N.S.	(*)
Fixed	RR	1.32	1.27	1.23	1.25
	RRl	0.94	1.10	1.14	1.16
	RRu	1.86	1.47	1.34	1.33
	P	N.S.	+++	+++	+++
Random	RR	1.32	1.19	1.23	1.24
	RRl	0.94	0.95	1.13	1.13
	RRu	1.86	1.49	1.34	1.35
	P	N.S.	N.S.	+++	+++
Asymm	P	N.S.	*	N.S.	N.S.
Between	Chi		0.05	0.15	0.26
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 20
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
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)
 *20  GLYMOU  3      m   s   e   b   s   14   -     -      -     -     1.01 (  0.65-   1.57)
 *20  GLYMOU  6      f   s   e   b   s   14   -     -      -     -     1.10 (  0.82-   1.47)
  Subtotal 20                                                         1.07 (  0.84-   1.37)
 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   4   t   b   s   4    -     -      -     -     2.10 (  1.33-   3.32)
  7   BONITA  5      f   4   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)
  21  HE      16     f   4   t   n   s   12   -     -      -     -     1.65 (  1.17-   2.32)
 Partial Totals                             0     0      0     0
 *prospective study
```

household

```
                                       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
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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 20

ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
By source of exposure - most-adjusted

		spouse	total	household	Total
Relative risks					
	N	9	7	16	32
	NS	7	5	8	20
	Wt	262.73	108.68	438.99	810.40
Het	Chi	6.83	7.85	23.79	42.75
Het	df	8	6	15	31
Het	P	N.S.	N.S.	(*)	(*)
Fixed	RR	1.19	1.48	1.21	1.23
	RRl	1.05	1.23	1.10	1.15
	RRu	1.34	1.79	1.33	1.32
	P	++	+++	+++	+++
Random	RR	1.19	1.46	1.20	1.23
	RRl	1.05	1.17	1.05	1.13
	RRu	1.34	1.83	1.37	1.35
	P	++	+++	++	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.
Between	Chi		3.85	0.06	4.29
Between	df		1	1	2
Between	P		+	N.S.	N.S.

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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 21
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
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)
*20	GLYMOU	3	m	s	e	b	s	14	–	–	–	–	1.01 (	0.65- 1.57)
*20	GLYMOU	6	f	s	e	b	s	14	–	–	–	–	1.10 (	0.82- 1.47)
Subtotal 20													1.07 (	0.84- 1.37)
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	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)
21	HE	16	f	4	t	n	s	12	–	–	–	–	1.65 (	1.17- 2.32)
Partial Totals									0	0	0	0		

*prospective study

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 21
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
By continent - most-adjusted

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	4	t	b	s	4	-	-	-	-	2.10 (	1.33-	3.32)
7	BONITA	5	f	4	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

Relative risks

		NAmerica	Europe	Asia	Other	Total
	N	10	5	7	10	32
	NS	6	3	5	6	20
	Wt	353.04	21.30	244.01	192.05	810.40
Het	Chi	7.45	2.61	4.48	20.09	42.75
Het	df	9	4	6	9	31
Het	P	N.S.	N.S.	N.S.	*	(*)
Fixed	RR	1.11	1.03	1.34	1.37	1.23
	RRl	1.00	0.67	1.18	1.19	1.15
	RRu	1.24	1.57	1.52	1.58	1.32
	P	+	N.S.	+++	+++	+++
Random	RR	1.11	1.03	1.34	1.40	1.23
	RRl	1.00	0.67	1.18	1.12	1.13
	RRu	1.24	1.57	1.52	1.75	1.35
	P	+	N.S.	+++	++	+++
Asymm	P	**	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.12	4.88	5.33	8.12
Between	df		1	1	1	3
Between	P		N.S.	+	+	*

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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 22
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
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   3   c   n   s   1    -     -     -     -      1.35 (  0.44-   4.12)
  2   LEE    22     f   3   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   4   t   b   s   4    -     -     -     -      2.10 (  1.33-   3.32)
  7   BONITA 5      f   4   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   7   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)
 *20  GLYMOU 2      m   s   c   b   s   14   -     -     -     -      1.63 (  0.83-   2.70)
 *20  GLYMOU 5      f   s   c   b   s   14   -     -     -     -      1.46 (  1.00-   2.18)
  Subtotal 20                                                        1.51 (  1.09-   2.09)
  21  HE     16     f   4   t   n   s   12   -     -     -     -      1.65 (  1.17-   2.32)
Partial Totals                               0     0     0     0
*prospective study
```

Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 22
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
Overall - most-adjusted

Overall

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	0.31
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.13	0.56
	Subtotal 1								-0.96	1.68	1.67	
2	LEE	21	m	3	c	n	s	1	0.30	3.07	0.01	0.60
2	LEE	22	f	3	c	n	s	1	0.17	7.03	0.03	0.64
	Subtotal 2								-0.01	10.10	0.04	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.23	0.32
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.73	0.88
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.08	0.02
	Subtotal 5								-0.30	136.18	1.81	
6	HOWARD	2	c	t	c	n	n	10	0.06	15.19	0.51	0.82
7	BONITA	4	m	4	t	b	s	4	0.74	18.36	4.60	0.00
7	BONITA	5	f	4	t	b	s	4	0.51	20.01	1.41	0.02
	Subtotal 7								0.77	38.37	6.01	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.08	0.06
9	IRIBA1	7	m	t	c	n	s	11	-1.31	5.68	13.65	0.00
9	IRIBA1	15	f	t	c	n	s	11	-0.12	19.65	2.52	0.61
	Subtotal 9								-1.91	25.33	16.17	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.02	0.89
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.41	0.81
	Subtotal 10								-0.42	16.55	1.43	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.83	0.15
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.00	0.39
	Subtotal 11								-0.91	15.24	3.83	
*12	IRIBA2	27	m	h	c	b	i	10	0.02	28.48	1.40	0.92
*12	IRIBA2	39	f	h	c	b	i	10	0.16	64.30	0.46	0.21
	Subtotal 12								-0.31	92.78	1.85	
*13	WHINCU	8	m	c	c	b	s	16	0.43	5.78	0.21	0.30
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.02	0.20
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.37	0.01
	Subtotal 14								0.24	53.62	1.39	
*15	QURESH	2	f	s	e	b	s	7	-0.11	25.70	3.09	0.59
*16	ZHANG	22	f	s	c	n	s	14	0.36	118.56	1.80	0.00
*17	WEN	16	f	7	e	f	s	9	0.49	11.11	0.71	0.10
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.73	0.01
*18	HILL1	2	f	h	c	f	v	9	-0.11	43.98	5.29	0.48
	Subtotal 18								-0.12	79.04	7.02	
*19	HILL2	1	m	h	c	f	v	9	0.60	21.96	2.81	0.01
*19	HILL2	2	f	h	c	f	v	9	0.16	20.15	0.14	0.48
	Subtotal 19								0.27	42.11	2.95	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.68	0.10
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.48	0.06
	Subtotal 20								0.38	36.34	1.15	
21	HE	16	f	4	t	n	s	12	0.50	32.79	2.21	0.00

Relative risks

N	32	
NS	20	
Wt	773.76	
Het Chi	55.17	
Het df	31	
Het P	**	
Fixed RR	1.27	
RRl	1.19	
RRu	1.37	
P	+++	
Random RR	1.26	
RRl	1.13	
RRu	1.40	
P	+++	
Asymm P	N.S.	

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Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 23

Table 23
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
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   3   c   n   s   1     -      -        -      -       1.35 (   0.44-   4.12)
  2   LEE    22      f   3   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   4   t   b   s   1     -      -        -      -       2.06 (   1.34-   3.17)
  7   BONITA 2       f   4   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   7   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)
 *20  GLYMOU 2       m   s   c   b   s   14    -      -        -      -       1.63 (   0.83-   2.70)
 *20  GLYMOU 5       f   s   c   b   s   14    -      -        -      -       1.46 (   1.00-   2.18)
  Subtotal 20                                                                1.51 (   1.09-   2.09)
  21  HE     16      f   4   t   n   s   12    -      -        -      -       1.65 (   1.17-   2.32)
  Partial Totals                                0      0        0      0
 *prospective study
```

Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 23
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
Overall - least-adjusted

Overall

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	0.31
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.12	0.56
Subtotal 1									-0.97	1.68	1.68	
2	LEE	21	m	3	c	n	s	1	0.30	3.07	0.01	0.60
2	LEE	22	f	3	c	n	s	1	0.17	7.03	0.04	0.64
Subtotal 2									-0.02	10.10	0.05	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.22	0.32
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.81	0.88
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.12	0.02
Subtotal 5									-0.31	136.18	1.92	
6	HOWARD	1	c	t	c	n	n	2	0.03	16.17	0.77	0.91
7	BONITA	1	m	4	t	b	s	1	0.72	20.72	4.69	0.00
7	BONITA	2	f	4	t	b	s	1	0.41	25.06	0.63	0.04
Subtotal 7									0.63	45.78	5.31	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.04	0.06
9	IRIBA1	7	m	t	c	n	s	11	-1.31	5.68	13.75	0.00
9	IRIBA1	15	f	t	c	n	s	11	-0.12	19.65	2.60	0.61
Subtotal 9									-1.92	25.33	16.35	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.02	0.89
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.47	0.81
Subtotal 10									-0.43	16.55	1.49	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.88	0.15
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.00	0.39
Subtotal 11									-0.93	15.24	3.88	
*12	IRIBA2	3	m	h	c	b	i	1	0.11	29.77	0.53	0.54
*12	IRIBA2	15	f	h	c	b	i	1	0.21	66.27	0.11	0.09
Subtotal 12									-0.17	96.04	0.64	
*13	WHINCU	4	m	c	c	b	s	2	-0.04	8.43	0.70	0.91
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.01	0.20
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.30	0.01
Subtotal 14									0.23	53.62	1.31	
*15	QURESH	1	f	s	e	b	s	1	-0.11	21.40	2.66	0.63
*16	ZHANG	33	f	s	c	n	s	1	0.38	136.67	2.35	0.00
*17	WEN	16	f	7	e	f	s	9	0.49	11.11	0.68	0.10
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.64	0.01
*18	HILL1	3	f	h	c	f	v	2	-0.13	46.88	6.59	0.38
Subtotal 18									-0.16	81.94	8.24	
*19	HILL2	3	m	h	c	f	v	2	0.65	19.92	3.19	0.00
*19	HILL2	4	f	h	c	f	v	2	0.15	20.31	0.20	0.50
Subtotal 19									0.30	40.23	3.38	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.64	0.10
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.44	0.06
Subtotal 20									0.37	36.34	1.08	
21	HE	16	f	4	t	n	s	12	0.50	32.79	2.11	0.00

Relative risks

N	32	
NS	20	
Wt	802.89	
Het Chi	55.85	
Het df	31	
Het P	**	
Fixed RR	1.28	
RRl	1.19	
RRu	1.37	
P	+++	
Random RR	1.25	
RRl	1.13	
RRu	1.39	
P	+++	
Asymm P	N.S.	

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Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 24
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
By sex - most-adjusted

combined

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)
Partial Totals									0	0	0	0		

*prospective study

male

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)
2	LEE	21	m	3	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	4	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)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63 (	0.83- 2.70)
Partial Totals									0	0	0	0		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed 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	22	f	3	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	4	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	7	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)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46 (	1.00- 2.18)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 (	1.17- 2.32)
Partial Totals									0	0	0	0		

*prospective study

Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 24
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
By sex - most-adjusted

		combined	male	female	Total
Relative risks					
	N	3	13	16	32
	NS	3	13	16	32
	Wt	32.46	181.78	559.52	773.76
Het	Chi	1.70	32.19	21.09	55.17
Het	df	2	12	15	31
Het	P	N.S.	**	N.S.	**
Fixed	RR	1.35	1.29	1.26	1.27
	RRl	0.96	1.12	1.16	1.19
	RRu	1.91	1.49	1.37	1.37
	P	(+)	+++	+++	+++
Random	RR	1.35	1.19	1.25	1.26
	RRl	0.96	0.91	1.12	1.13
	RRu	1.91	1.56	1.39	1.40
	P	(+)	N.S.	+++	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.06	0.14	0.19
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 25
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
By sex - least-adjusted

combined

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	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 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)
2	LEE	21	m	3	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	4	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)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63 (	0.83- 2.70)
Partial Totals									0	0	0	0		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed 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	22	f	3	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	4	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	7	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)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46 (	1.00- 2.18)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 (	1.17- 2.32)
Partial Totals									0	0	0	0		

*prospective study

Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 25
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
By sex - least-adjusted

		combined	male	female	Total
Relative risks					
	N	3	13	16	32
	NS	3	13	16	32
	Wt	33.45	186.04	583.40	802.89
Het	Chi	1.98	32.42	21.39	55.85
Het	df	2	12	15	31
Het	P	N.S.	**	N.S.	**
Fixed	RR	1.32	1.29	1.27	1.28
	RRl	0.94	1.12	1.18	1.19
	RRu	1.86	1.49	1.38	1.37
	P	N.S.	+++	+++	+++
Random	RR	1.32	1.17	1.26	1.25
	RRl	0.94	0.90	1.13	1.13
	RRu	1.86	1.53	1.40	1.39
	P	N.S.	N.S.	+++	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.02	0.05	0.06
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 26
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
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)
*20	GLYMOU	2	m	s	c	b	s	14	–	–	–	–	1.63 (	0.83– 2.70)
*20	GLYMOU	5	f	s	c	b	s	14	–	–	–	–	1.46 (	1.00– 2.18)
Subtotal 20													1.51 (	1.09– 2.09)
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	3	c	n	s	1	–	–	–	–	1.35 (	0.44– 4.12)
2	LEE	22	f	3	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	4	t	b	s	4	–	–	–	–	2.10 (	1.33– 3.32)
7	BONITA	5	f	4	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	7	e	f	s	9	–	–	–	–	1.64 (	0.91– 2.95)
21	HE	16	f	4	t	n	s	12	–	–	–	–	1.65 (	1.17– 2.32)
Partial Totals									0	0	0	0		

*prospective study

household

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 selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 26
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
By source of exposure - most-adjusted

		spouse	total	household	Total
Relative risks					
	N	6	12	14	32
	NS	5	8	7	20
	Wt	197.88	155.23	420.65	773.76
Het	Chi	5.95	27.22	19.59	55.17
Het	df	5	11	13	31
Het	P	N.S.	**	N.S.	**
Fixed	RR	1.38	1.30	1.21	1.27
	RRl	1.20	1.11	1.10	1.19
	RRu	1.59	1.52	1.34	1.37
	P	+++	++	+++	+++
Random	RR	1.37	1.22	1.21	1.26
	RRl	1.16	0.94	1.06	1.13
	RRu	1.63	1.60	1.38	1.40
	P	+++	N.S.	++	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.35	2.32	2.40
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 27
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
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	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)
*20 GLYMOU	2	m	s	c	b	s	14	–	–	–	–	1.63 (	0.83– 2.70)
*20 GLYMOU	5	f	s	c	b	s	14	–	–	–	–	1.46 (	1.00– 2.18)
Subtotal 20												1.51 (	1.09– 2.09)
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	21	m	3	c	n	s	1	–	–	–	–	1.35 (	0.44– 4.12)
2 LEE	22	f	3	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

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	16	f	7	e	f	s	9	–	–	–	–	1.64 (	0.91– 2.95)
21 HE	16	f	4	t	n	s	12	–	–	–	–	1.65 (	1.17– 2.32)
Partial Totals								0	0	0	0		

*prospective study

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Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 27
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
By continent - most-adjusted

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   4   t   b   s   4    -      -      -      -      2.10 (  1.33-   3.32)
 7   BONITA 5          f   4   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
```

```
                          NAmerica      Europe        Asia         Other         Total
Relative risks


                  N          10            5            7            10            32
                  NS          6            3            5             6            20


             Wt         331.53        17.57       232.62        192.05        773.76
        Het  Chi         19.16         1.92         4.09         20.09         55.17
        Het  df              9            4            6             9            31
        Het  P              *          N.S.         N.S.           *            **
      Fixed  RR           1.12         1.27         1.44          1.37          1.27
             RRl          1.01         0.80         1.26          1.19          1.19
             RRu          1.25         2.03         1.63          1.58          1.37
             P              +          N.S.         +++           +++           +++
     Random  RR           1.07         1.27         1.44          1.40          1.26
             RRl          0.89         0.80         1.26          1.12          1.13
             RRu          1.27         2.03         1.63          1.75          1.40
             P            N.S.         N.S.         +++           ++            +++
      Asymm  P            N.S.         N.S.         N.S.          N.S.          N.S.
    Between  Chi                       0.27         8.52          4.92          9.90
    Between  df                           1            1             1             3
    Between  P                         N.S.         ++            +              *
```

Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 28
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
Excluding studies of silent cerebral infarction or transient ischaemic attack
Overall - most-adjusted

```
Overall

                                                    Number Exposed   Non-exposed
                                                    Case   Cont      Case   Cont      RR        95.00%CI
  StN  Ref     NRR     SEX EXP TIM TYP TY2 ADJ
 *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   4   t   b   s   4         -      -         -      -         2.10 (  1.33-   3.32)
  7    BONITA 5         f   4   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)
 *20   GLYMOU 2         m   s   c   b   s   14        -      -         -      -         1.63 (  0.83-   2.70)
 *20   GLYMOU 5         f   s   c   b   s   14        -      -         -      -         1.46 (  1.00-   2.18)
  Subtotal 20                                                                          1.51 (  1.09-   2.09)
  21   HE     16        f   4   t   n   s   12        -      -         -      -         1.65 (  1.17-   2.32)
  Partial Totals                                      0      0         0      0
 *prospective study
```

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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 28
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
Excluding studies of silent cerebral infarction or transient ischaemic attack
Overall - most-adjusted

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Overall

 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     1.58     0.31
*1    GILLIS 2          f   h   x   f   v   1          0.63     0.84     0.12     0.56
 Subtotal 1                                           -1.00     1.68     1.70
 2    LEE    2          m   s   m   n   s   2         -0.17     3.37     0.63     0.75
 2    LEE    4          f   s   m   n   s   2         -0.08    10.46     1.23     0.79
 Subtotal 2                                           -0.78    13.84     1.86
 4    DONNAN 1          c   s   e   b   c   3          0.47     4.39     0.20     0.32
*5    SANDLE 2          m   h   e   f   v   4         -0.03    23.47     1.97     0.88
*5    SANDLE 4          f   h   e   f   v   4          0.22   112.72     0.22     0.02
 Subtotal 5                                           -0.33   136.18     2.18
 7    BONITA 4          m   4   t   b   s   4          0.74    18.36     4.28     0.00
 7    BONITA 5          f   4   t   b   s   4          0.51    20.01     1.23     0.02
 Subtotal 7                                            0.73    38.37     5.51
 8    YOU    8          c   s   e   n   i   5          0.53    12.89     0.95     0.06
 9    IRIBA1 1          m   h   c   n   s   11        -1.39     1.68     4.56     0.07
 9    IRIBA1 9          f   h   c   n   s   11         0.21    16.65     0.05     0.40
 Subtotal 9                                           -1.70    18.34     4.60
*10   YAMADA 2          m   t   e   f   h   1          0.12     1.20     0.02     0.89
*10   YAMADA 1          f   t   e   f   h   1         -0.06    15.35     1.58     0.81
 Subtotal 10                                          -0.46    16.55     1.60
 11   ANDERS 7          m   h   e   b   h   8         -0.69     4.39     3.98     0.15
 11   ANDERS 6          f   h   e   b   h   8          0.26    10.86     0.00     0.39
 Subtotal 11                                          -0.95    15.24     3.98
*12   IRIBA2 27         m   h   c   b   i   10         0.02    28.48     1.63     0.92
*12   IRIBA2 39         f   h   c   b   i   10         0.16    64.30     0.67     0.21
 Subtotal 12                                          -0.34    92.78     2.30
*13   WHINCU 8          m   c   c   b   s   16         0.43     5.78     0.17     0.30
 14   MCGHEE 1          m   h   p   f   s   2          0.27    22.45     0.00     0.20
 14   MCGHEE 2          f   h   p   f   s   2          0.45    31.17     1.15     0.01
 Subtotal 14                                           0.20    53.62     1.15
*15   QURESH 2          f   s   e   b   s   7         -0.11    25.70     3.41     0.59
*16   ZHANG  22         f   s   c   n   s   14         0.36   118.56     1.32     0.00
*17   WEN    2          f   s   c   f   s   9          0.42    32.41     0.83     0.02
*18   HILL1  1          m   h   c   f   v   2          0.46    35.07     1.47     0.01
*18   HILL1  2          f   h   c   f   v   9         -0.11    43.98     5.84     0.48
 Subtotal 18                                          -0.16    79.04     7.31
*19   HILL2  1          m   h   c   f   v   9          0.60    21.96     2.54     0.01
*19   HILL2  2          f   h   c   f   v   9          0.16    20.15     0.21     0.48
 Subtotal 19                                           0.24    42.11     2.75
*20   GLYMOU 2          m   s   c   b   s   14         0.49    11.04     0.58     0.10
*20   GLYMOU 5          f   s   c   b   s   14         0.38    25.30     0.36     0.06
 Subtotal 20                                           0.35    36.34     0.94
 21   HE     16         f   4   t   n   s   12         0.50    32.79     1.92     0.00

Relative risks


                     N         31
                     NS        19


                     Wt      776.62
              Het Chi        44.68
              Het  df           30
              Het  P            *
              Fixed  RR       1.30
                     RRl      1.21
                     RRu      1.39
                     P        +++
              Random RR       1.29
                     RRl      1.17
                     RRu      1.42
                     P        +++
              Asymm  P        N.S.
```

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 29
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
Excluding studies of silent cerebral infarction or transient ischaemic attack
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   4   t   b   s   1    -      -       -      -      2.06 (  1.34-   3.17)
  7   BONITA 2          f   4   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)
 *20  GLYMOU 2          m   s   c   b   s   14   -      -       -      -      1.63 (  0.83-   2.70)
 *20  GLYMOU 5          f   s   c   b   s   14   -      -       -      -      1.46 (  1.00-   2.18)
  Subtotal 20                                                                 1.51 (  1.09-   2.09)
  21  HE     16         f   4   t   n   s   12   -      -       -      -      1.65 (  1.17-   2.32)
Partial Totals                                   0      0       0      0
*prospective study
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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 29
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
Excluding studies of silent cerebral infarction or transient ischaemic attack
Overall - least-adjusted

Overall

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	1.60	0.31
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.11	0.56
Subtotal 1									-1.01	1.68	1.71	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.65	0.75
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	1.27	0.79
Subtotal 2									-0.79	13.84	1.92	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.18	0.32
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	2.05	0.88
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.28	0.02
Subtotal 5									-0.35	136.18	2.33	
7	BONITA	1	m	4	t	b	s	1	0.72	20.72	4.34	0.00
7	BONITA	2	f	4	t	b	s	1	0.41	25.06	0.49	0.04
Subtotal 7									0.60	45.78	4.84	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	0.91	0.06
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.59	0.07
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.06	0.40
Subtotal 9									-1.71	18.34	4.65	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.02	0.89
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.64	0.81
Subtotal 10									-0.47	16.55	1.67	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	4.03	0.15
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.00	0.39
Subtotal 11									-0.96	15.24	4.03	
*12	IRIBA2	3	m	h	c	b	i	1	0.11	29.77	0.69	0.54
*12	IRIBA2	15	f	h	c	b	i	1	0.21	66.27	0.22	0.09
Subtotal 12									-0.21	96.04	0.91	
*13	WHINCU	4	m	c	c	b	s	2	-0.04	8.43	0.79	0.91
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.00	0.20
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.08	0.01
Subtotal 14									0.19	53.62	1.08	
*15	QURESH	1	f	s	e	b	s	1	-0.11	21.40	2.94	0.63
*16	ZHANG	33	f	s	c	n	s	1	0.38	136.67	1.76	0.00
*17	WEN	2	f	s	c	f	s	9	0.42	32.41	0.77	0.02
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.38	0.01
*18	HILL1	3	f	h	c	f	v	2	-0.13	46.88	7.24	0.38
Subtotal 18									-0.19	81.94	8.62	
*19	HILL2	3	m	h	c	f	v	2	0.65	19.92	2.91	0.00
*19	HILL2	4	f	h	c	f	v	2	0.15	20.31	0.28	0.50
Subtotal 19									0.27	40.23	3.18	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.55	0.10
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.33	0.06
Subtotal 20									0.34	36.34	0.88	
21	HE	16	f	4	t	n	s	12	0.50	32.79	1.82	0.00

Relative risks

N	31
NS	19
Wt	804.77
Het Chi	44.97
Het df	30
Het P	*
Fixed RR	1.30
RRl	1.22
RRu	1.40
P	+++
Random RR	1.29
RRl	1.17
RRu	1.42
P	+++
Asymm P	N.S.

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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 30
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
Excluding studies of silent cerebral infarction or transient ischaemic attack
Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	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	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	4	t	b	s	4	–	–	–	–	2.10 (	1.33– 3.32)
7	BONITA	5	f	4	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)
*20	GLYMOU	3	m	s	e	b	s	14	–	–	–	–	1.01 (	0.65– 1.57)
*20	GLYMOU	6	f	s	e	b	s	14	–	–	–	–	1.10 (	0.82– 1.47)
Subtotal 20													1.07 (	0.84– 1.37)
21	HE	16	f	4	t	n	s	12	–	–	–	–	1.65 (	1.17– 2.32)
Partial Totals									0	0	0	0		

*prospective study

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 30
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
Excluding studies of silent cerebral infarction or transient ischaemic attack
Overall - most-adjusted

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Overall

 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    0.31
*1   GILLIS 2        f   h   x   f   v   1          0.63    0.84    0.15    0.56
 Subtotal 1                                        -0.90    1.68    1.62
 2   LEE    2        m   s   m   n   s   2         -0.17    3.37    0.51    0.75
 2   LEE    4        f   s   m   n   s   2         -0.08   10.46    0.92    0.79
 Subtotal 2                                        -0.68   13.84    1.42
 4   DONNAN 1        c   s   e   b   c   3          0.47    4.39    0.29    0.32
*5   SANDLE 2        m   h   e   f   v   4         -0.03   23.47    1.39    0.88
*5   SANDLE 4        f   h   e   f   v   4          0.22  112.72    0.00    0.02
 Subtotal 5                                        -0.24  136.18    1.39
 7   BONITA 4        m   4   t   b   s   4          0.74   18.36    5.14    0.00
 7   BONITA 5        f   4   t   b   s   4          0.51   20.01    1.73    0.02
 Subtotal 7                                         0.82   38.37    6.87
 8   YOU    8        c   s   e   n   i   5          0.53   12.89    1.30    0.06
 9   IRIBA1 1        m   h   c   n   s   11        -1.39    1.68    4.31    0.07
 9   IRIBA1 9        f   h   c   n   s   11         0.21   16.65    0.00    0.40
 Subtotal 9                                        -1.60   18.34    4.31
*10  YAMADA 2        m   t   e   f   h   1          0.12    1.20    0.01    0.89
*10  YAMADA 1        f   t   e   f   h   1         -0.06   15.35    1.16    0.81
 Subtotal 10                                       -0.37   16.55    1.17
 11  ANDERS 7        m   h   e   b   h   8         -0.69    4.39    3.60    0.15
 11  ANDERS 6        f   h   e   b   h   8          0.26   10.86    0.03    0.39
 Subtotal 11                                       -0.86   15.24    3.63
*12  IRIBA2 27       m   h   c   b   i   10         0.02   28.48    1.06    0.92
*12  IRIBA2 39       f   h   c   b   i   10         0.16   64.30    0.20    0.21
 Subtotal 12                                       -0.25   92.78    1.26
*13  WHINCU 8        m   c   c   b   s   16         0.43    5.78    0.28    0.30
 14  MCGHEE 1        m   h   p   f   s   2          0.27   22.45    0.07    0.20
 14  MCGHEE 2        f   h   p   f   s   2          0.45   31.17    1.77    0.01
 Subtotal 14                                        0.30   53.62    1.84
*15  QURESH 2        f   s   e   b   s   7         -0.11   25.70    2.60    0.59
*16  ZHANG  6        f   s   e   n   s   14         0.24  104.76    0.07    0.01
*17  WEN    1        f   s   m   f   s   9          0.29   36.30    0.19    0.09
*18  HILL1  1        m   h   c   f   v   2          0.46   35.07    2.21    0.01
*18  HILL1  2        f   h   c   f   v   9         -0.11   43.98    4.45    0.48
 Subtotal 18                                       -0.07   79.04    6.66
*19  HILL2  1        m   h   c   f   v   9          0.60   21.96    3.27    0.01
*19  HILL2  2        f   h   c   f   v   9          0.16   20.15    0.06    0.48
 Subtotal 19                                        0.33   42.11    3.33
*20  GLYMOU 3        m   s   e   b   s   14         0.01   19.76    0.81    0.96
*20  GLYMOU 6        f   s   e   b   s   14         0.10   45.10    0.62    0.52
 Subtotal 20                                       -0.32   64.86    1.44
 21  HE     16       f   4   t   n   s   12         0.50   32.79    2.72    0.00

Relative risks


                        N           31
                        NS          19


                        Wt      795.22
                  Het Chi        42.40
                  Het  df           30
                  Het   P          (*)
                Fixed  RR         1.24
                       RRl        1.15
                       RRu        1.33
                         P        +++
                Random RR         1.24
                       RRl        1.13
                       RRu        1.35
                         P        +++
                Asymm  P         N.S.
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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 31

ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
Excluding studies of silent cerebral infarction or transient ischaemic attack
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   4   t   b   s   1    -      -       -      -       2.06 (  1.34-   3.17)
 7    BONITA 2         f   4   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)
*20   GLYMOU 3         m   s   e   b   s   14   -      -       -      -       1.01 (  0.65-   1.57)
*20   GLYMOU 6         f   s   e   b   s   14   -      -       -      -       1.10 (  0.82-   1.47)
 Subtotal 20                                                                  1.07 (  0.84-   1.37)
 21   HE     16        f   4   t   n   s   12   -      -       -      -       1.65 (  1.17-   2.32)
Partial Totals                                  0      0       0      0
*prospective study
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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 31
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 23-OCT-09
Excluding studies of silent cerebral infarction or transient ischaemic attack
Overall - least-adjusted

```
Overall

 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     0.31
*1    GILLIS 2          f   h   x   f   v   1          0.63     0.84     0.14     0.56
 Subtotal 1                                           -0.93     1.68     1.64
 2    LEE      2        m   s   m   n   s   2         -0.17     3.37     0.54     0.75
 2    LEE      4        f   s   m   n   s   2         -0.08    10.46     0.99     0.79
 Subtotal 2                                           -0.71    13.84     1.52
 4    DONNAN 1          c   s   e   b   c   3          0.47     4.39     0.27     0.32
*5    SANDLE 2          m   h   e   f   v   4         -0.03    23.47     1.52     0.88
*5    SANDLE 4          f   h   e   f   v   4          0.22   112.72     0.01     0.02
 Subtotal 5                                           -0.26   136.18     1.53
 7    BONITA 1          m   4   t   b   s   1          0.72    20.72     5.15     0.00
 7    BONITA 2          f   4   t   b   s   1          0.41    25.06     0.83     0.04
 Subtotal 7                                            0.68    45.78     5.98
 8    YOU      8        c   s   e   n   i   5          0.53    12.89     1.21     0.06
 9    IRIBA1 1          m   h   c   n   s   11        -1.39     1.68     4.37     0.07
 9    IRIBA1 9          f   h   c   n   s   11         0.21    16.65     0.00     0.40
 Subtotal 9                                           -1.63    18.34     4.37
*10   YAMADA 2          m   t   e   f   h   1          0.12     1.20     0.01     0.89
*10   YAMADA 1          f   t   e   f   h   1         -0.06    15.35     1.25     0.81
 Subtotal 10                                          -0.39    16.55     1.27
 11   ANDERS 7          m   h   e   b   h   8         -0.69     4.39     3.69     0.15
 11   ANDERS 6          f   h   e   b   h   8          0.26    10.86     0.02     0.39
 Subtotal 11                                          -0.88    15.24     3.70
*12   IRIBA2 3          m   h   c   b   i   1          0.11    29.77     0.36     0.54
*12   IRIBA2 15         f   h   c   b   i   1          0.21    66.27     0.02     0.09
 Subtotal 12                                          -0.13    96.04     0.38
*13   WHINCU 4          m   c   c   b   s   2         -0.04     8.43     0.59     0.91
 14   MCGHEE 1          m   h   p   f   s   2          0.27    22.45     0.05     0.20
 14   MCGHEE 2          f   h   p   f   s   2          0.45    31.17     1.61     0.01
 Subtotal 14                                           0.27    53.62     1.66
*15   QURESH 1          f   s   e   b   s   1         -0.11    21.40     2.32     0.63
*16   ZHANG    25       f   s   e   n   s   1          0.30   118.43     0.69     0.00
*17   WEN      1        f   s   m   f   s   9          0.29    36.30     0.14     0.09
*18   HILL1  1          m   h   c   f   v   2          0.46    35.07     2.02     0.01
*18   HILL1  3          f   h   c   f   v   2         -0.13    46.88     5.80     0.38
 Subtotal 18                                          -0.11    81.94     7.82
*19   HILL2  3          m   h   c   f   v   2          0.65    19.92     3.57     0.00
*19   HILL2  4          f   h   c   f   v   2          0.15    20.31     0.12     0.50
 Subtotal 19                                           0.35    40.23     3.68
*20   GLYMOU 3          m   s   e   b   s   14         0.01    19.76     0.91     0.96
*20   GLYMOU 6          f   s   e   b   s   14         0.10    45.10     0.75     0.52
 Subtotal 20                                          -0.34    64.86     1.65
 21   HE       16       f   4   t   n   s   12         0.50    32.79     2.51     0.00

Relative risks


                         N         31
                         NS        19


                         Wt     818.93
                  Het Chi        42.93
                  Het  df           30
                  Het   P         (*)
                  Fixed RR        1.25
                        RRl       1.17
                        RRu       1.34
                          P       +++
                  Random RR       1.24
                         RRl      1.13
                         RRu      1.36
                           P      +++
                  Asymm  P        N.S.
```

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : e, a, z, y, m, t, x, c, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 32
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
Excluding studies of silent cerebral infarction or transient ischaemic attack
Overall - most-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	21	m	3	c	n	s	1	–	–	–	–	1.35 (	0.44– 4.12)
2	LEE	22	f	3	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	4	t	b	s	4	–	–	–	–	2.10 (	1.33– 3.32)
7	BONITA	5	f	4	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	7	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)
*20	GLYMOU	2	m	s	c	b	s	14	–	–	–	–	1.63 (	0.83– 2.70)
*20	GLYMOU	5	f	s	c	b	s	14	–	–	–	–	1.46 (	1.00– 2.18)
Subtotal 20													1.51 (	1.09– 2.09)
21	HE	16	f	4	t	n	s	12	–	–	–	–	1.65 (	1.17– 2.32)
Partial Totals									0	0	0	0		

*prospective study

Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 32

ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
Excluding studies of silent cerebral infarction or transient ischaemic attack
Overall - most-adjusted

Overall

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	0.31
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.12	0.56
Subtotal 1									-0.97	1.68	1.67	
2	LEE	21	m	3	c	n	s	1	0.30	3.07	0.01	0.60
2	LEE	22	f	3	c	n	s	1	0.17	7.03	0.04	0.64
Subtotal 2									-0.02	10.10	0.04	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.22	0.32
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.78	0.88
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.10	0.02
Subtotal 5									-0.31	136.18	1.88	
7	BONITA	4	m	4	t	b	s	4	0.74	18.36	4.53	0.00
7	BONITA	5	f	4	t	b	s	4	0.51	20.01	1.37	0.02
Subtotal 7									0.76	38.37	5.91	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.05	0.06
9	IRIBA1	7	m	t	c	n	s	11	-1.31	5.68	13.72	0.00
9	IRIBA1	15	f	t	c	n	s	11	-0.12	19.65	2.57	0.61
Subtotal 9									-1.92	25.33	16.28	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.02	0.89
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.45	0.81
Subtotal 10									-0.43	16.55	1.46	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.86	0.15
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.00	0.39
Subtotal 11									-0.92	15.24	3.86	
*12	IRIBA2	27	m	h	c	b	i	10	0.02	28.48	1.44	0.92
*12	IRIBA2	39	f	h	c	b	i	10	0.16	64.30	0.50	0.21
Subtotal 12									-0.31	92.78	1.94	
*13	WHINCU	8	m	c	c	b	s	16	0.43	5.78	0.20	0.30
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.01	0.20
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.32	0.01
Subtotal 14									0.23	53.62	1.34	
*15	QURESH	2	f	s	e	b	s	7	-0.11	25.70	3.15	0.59
*16	ZHANG	22	f	s	c	n	s	14	0.36	118.56	1.70	0.00
*17	WEN	16	f	7	e	f	s	9	0.49	11.11	0.69	0.10
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.68	0.01
*18	HILL1	2	f	h	c	f	v	9	-0.11	43.98	5.40	0.48
Subtotal 18									-0.13	79.04	7.08	
*19	HILL2	1	m	h	c	f	v	9	0.60	21.96	2.75	0.01
*19	HILL2	2	f	h	c	f	v	9	0.16	20.15	0.16	0.48
Subtotal 19									0.27	42.11	2.91	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.66	0.10
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.45	0.06
Subtotal 20									0.38	36.34	1.11	
21	HE	16	f	4	t	n	s	12	0.50	32.79	2.15	0.00

Relative risks

N		31
NS		19
Wt		758.58
Het	Chi	54.65
Het	df	30
Het	P	**
Fixed	RR	1.28
	RRl	1.19
	RRu	1.37
	P	+++
Random	RR	1.26
	RRl	1.13
	RRu	1.41
	P	+++
Asymm	P	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 33
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
Excluding studies of silent cerebral infarction or transient ischaemic attack
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	21	m	3	c	n	s	1	-	-	-	-	1.35 (	0.44- 4.12)
2	LEE	22	f	3	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	4	t	b	s	1	-	-	-	-	2.06 (	1.34- 3.17)
7	BONITA	2	f	4	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	7	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)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63 (	0.83- 2.70)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46 (	1.00- 2.18)
	Subtotal 20												1.51 (	1.09- 2.09)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 (	1.17- 2.32)
Partial Totals									0	0	0	0		

*prospective study

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Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 33
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
Excluding studies of silent cerebral infarction or transient ischaemic attack
Overall - least-adjusted

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Overall

 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     1.56     0.31
*1   GILLIS 2         f   h   x   f   v   1        0.63     0.84     0.12     0.56
 Subtotal 1                                       -0.98     1.68     1.69
 2   LEE    21        m   3   c   n   s   1        0.30     3.07     0.01     0.60
 2   LEE    22        f   3   c   n   s   1        0.17     7.03     0.04     0.64
 Subtotal 2                                       -0.03    10.10     0.05
 4   DONNAN 1         c   s   e   b   c   3        0.47     4.39     0.21     0.32
*5   SANDLE 2         m   h   e   f   v   4       -0.03    23.47     1.87     0.88
*5   SANDLE 4         f   h   e   f   v   4        0.22   112.72     0.15     0.02
 Subtotal 5                                       -0.32   136.18     2.02
 7   BONITA 1         m   4   t   b   s   1        0.72    20.72     4.60     0.00
 7   BONITA 2         f   4   t   b   s   1        0.41    25.06     0.59     0.04
 Subtotal 7                                        0.62    45.78     5.19
 8   YOU    8         c   s   e   n   i   5        0.53    12.89     1.00     0.06
 9   IRIBA1 7         m   t   c   n   s   11      -1.31     5.68    13.83     0.00
 9   IRIBA1 15        f   t   c   n   s   11      -0.12    19.65     2.66     0.61
 Subtotal 9                                       -1.93    25.33    16.50
*10  YAMADA 2         m   t   e   f   h   1        0.12     1.20     0.02     0.89
*10  YAMADA 1         f   t   e   f   h   1       -0.06    15.35     1.51     0.81
 Subtotal 10                                      -0.44    16.55     1.53
 11  ANDERS 7         m   h   e   b   h   8       -0.69     4.39     3.91     0.15
 11  ANDERS 6         f   h   e   b   h   8        0.26    10.86     0.00     0.39
 Subtotal 11                                      -0.93    15.24     3.92
*12  IRIBA2 3         m   h   c   b   i   1        0.11    29.77     0.57     0.54
*12  IRIBA2 15        f   h   c   b   i   1        0.21    66.27     0.13     0.09
 Subtotal 12                                      -0.18    96.04     0.70
*13  WHINCU 4         m   c   c   b   s   2       -0.04     8.43     0.72     0.91
 14  MCGHEE 1         m   h   p   f   s   2        0.27    22.45     0.01     0.20
 14  MCGHEE 2         f   h   p   f   s   2        0.45    31.17     1.24     0.01
 Subtotal 14                                       0.22    53.62     1.25
*15  QURESH 1         f   s   e   b   s   1       -0.11    21.40     2.73     0.63
*16  ZHANG  33        f   s   c   n   s   1        0.38   136.67     2.20     0.00
*17  WEN    16        f   7   e   f   s   9        0.49    11.11     0.66     0.10
*18  HILL1  1         m   h   c   f   v   2        0.46    35.07     1.58     0.01
*18  HILL1  3         f   h   c   f   v   2       -0.13    46.88     6.75     0.38
 Subtotal 18                                      -0.17    81.94     8.33
*19  HILL2  3         m   h   c   f   v   2        0.65    19.92     3.12     0.00
*19  HILL2  4         f   h   c   f   v   2        0.15    20.31     0.22     0.50
 Subtotal 19                                       0.29    40.23     3.33
*20  GLYMOU 2         m   s   c   b   s   14       0.49    11.04     0.62     0.10
*20  GLYMOU 5         f   s   c   b   s   14       0.38    25.30     0.41     0.06
 Subtotal 20                                       0.36    36.34     1.03
 21  HE     16        f   4   t   n   s   12       0.50    32.79     2.03     0.00

Relative risks


                         N          31
                         NS         19


                         Wt      786.72
                 Het  Chi       55.07
                 Het  df            30
                 Het  P            **
              Fixed  RR          1.29
                     RRl         1.20
                     RRu         1.38
                     P           +++
             Random  RR          1.26
                     RRl         1.13
                     RRu         1.40
                     P           +++
              Asymm  P           N.S.
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Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) UNX : no exposure to ETS, other definition
3) TYP : b, f, n
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 34
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
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	3	l	5	12	1	-	-	-	-	1.77 (	0.41- 7.61)
2	LEE	14	f	3	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)
21	HE	19	f	4	n	20	999	12	-	-	-	-	1.83 (	1.15- 3.37)
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	3	l	5	12	1	0.57	1.80	0.02	0.44
2	LEE	14	f	3	l	5	12	1	0.89	3.88	0.66	0.08
Subtotal 2									0.51	5.68	0.68	
8	YOU	12	c	s	n	21	999	5	0.65	7.65	0.22	0.07
9	IRIBA1	10	f	h	h	40	999	11	0.34	5.04	0.10	0.45
*12	IRIBA2	26	m	h	h	20	999	10	0.25	13.27	0.66	0.35
*12	IRIBA2	38	f	h	h	20	999	10	0.41	34.28	0.18	0.02
Subtotal 12									-0.30	47.55	0.85	
*13	WHINCU	7	m	c	c	3	14	16	0.77	3.92	0.33	0.13
14	MCGHEE	4	c	h	p	2	999	2	0.73	19.25	1.24	0.00
*16	ZHANG	12	f	s	n	20	999	14	0.48	69.27	0.00	0.00
*17	WEN	6	f	s	k	18	999	9	0.31	28.46	0.83	0.10
21	HE	19	f	4	n	20	999	12	0.60	13.29	0.21	0.03

Relative risks

N	11
NS	9
Wt	200.10
Het Chi	4.46
Het df	10
Het P	N.S.
Fixed RR	1.61
RRl	1.40
RRu	1.85
P	+++
Random RR	1.61
RRl	1.40
RRu	1.85
P	+++
Asymm P	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
3) TYP : b, f, n   6) Dose: Maximum value available
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 35
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
High dose
Overall - least-adjusted

```
Overall

                                          Number Exposed  Non-exposed
 StN Ref     NRR     SEX EXP MEASLOWEXP  HIEXP  ADJ  Case   Cont   Case   Cont     RR       95.00%CI
 2   LEE     12      m   3   l   5       12     1    -      -      -      -       1.77 (  0.41-   7.61)
 2   LEE     14      f   3   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)
 21  HE      19      f   4   n   20      999    12   -      -      -      -       1.83 (  1.15-   3.37)
Partial Totals                                        0      0      0      0
*prospective study


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

 2   LEE     12      m   3   l   5       12     1       0.57    1.80    0.02    0.44
 2   LEE     14      f   3   l   5       12     1       0.89    3.88    0.66    0.08
 Subtotal 2                                             0.51    5.68    0.68
 8   YOU     12      c   s   n   21      999    5       0.65    7.65    0.22    0.07
 9   IRIBA1  10      f   h   h   40      999    11      0.34    5.04    0.10    0.45
*12  IRIBA2  2       m   h   h   20      999    1       0.37   14.13    0.16    0.16
*12  IRIBA2  14      f   h   h   20      999    1       0.44   36.13    0.06    0.01
 Subtotal 12                                           -0.15   50.26    0.22
*13  WHINCU  3       m   c   c   3       14     2       0.22    5.46    0.36    0.60
 14  MCGHEE  4       c   h   p   2       999    2       0.73   19.25    1.24    0.00
*16  ZHANG   28      f   s   n   20      999    1       0.48   79.11    0.00    0.00
*17  WEN     6       f   s   k   18      999    9       0.31   28.46    0.83    0.10
 21  HE      19      f   4   n   20      999    12      0.60   13.29    0.21    0.03


Relative risks


                         N          11
                         NS          9


                         Wt       214.19
                    Het Chi         3.86
                    Het  df          10
                    Het  P         N.S.
                    Fixed  RR       1.61
                           RRl      1.41
                           RRu      1.84
                           P        +++
                    Random RR       1.61
                           RRl      1.41
                           RRu      1.84
                           P        +++
                    Asymm  P        N.S.
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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
3) TYP : b, f, n   6) Dose: Maximum value available
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 36
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
High 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     12      m   3   l   5       12     1    -      -       -      -       1.77 (  0.41-  7.61)
 2   LEE     14      f   3   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)
 21  HE      19      f   4   n   20      999    12   -      -       -      -       1.83 (  1.15-  3.37)
Partial Totals                                                0      0       0      0
*prospective study

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

 2   LEE     12      m   3   l   5       12     1        0.57    1.80    0.03    0.44
 2   LEE     14      f   3   l   5       12     1        0.89    3.88    0.80    0.08
 Subtotal 2                                             0.59    5.68    0.84
 8   YOU     12      c   s   n   21      999    5        0.65    7.65    0.34    0.07
 9   IRIBA1  8       m   t   h   40      999    11      -0.80    2.31    3.52    0.23
 9   IRIBA1  16      f   t   h   40      999    11      -0.65    5.48    6.52    0.13
 Subtotal 9                                            -2.33    7.79   10.05
*12  IRIBA2  26      m   h   h   20      999    10       0.25   13.27    0.44    0.35
*12  IRIBA2  38      f   h   h   20      999    10       0.41   34.28    0.03    0.02
 Subtotal 12                                           -0.21   47.55    0.47
*13  WHINCU  7       m   c   c   3       14     16       0.77    3.92    0.44    0.13
 14  MCGHEE  4       c   h   p   2       999    2        0.73   19.25    1.68    0.00
*16  ZHANG   12      f   s   n   20      999    14       0.48   69.27    0.14    0.00
*17  WEN     6       f   s   k   18      999    9        0.31   28.46    0.48    0.10
 21  HE      19      f   4   n   20      999    12       0.60   13.29    0.37    0.03


Relative risks



                   N           12
                   NS           9


                   Wt      202.85
              Het  Chi      14.80
              Het  df        11
              Het  P        N.S.
            Fixed  RR        1.55
                   RRl       1.35
                   RRu       1.78
                   P        +++
           Random  RR        1.53
                   RRl       1.28
                   RRu       1.83
                   P        +++
            Asymm  P        N.S.
```

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Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
3) TYP : b, f, n   6) Dose: Maximum value available
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 37
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
High dose
Overall - least-adjusted

```
Overall

                                        Number Exposed   Non-exposed
 StN Ref    NRR    SEX EXP MEASLOWEXP   HIEXP  ADJ  Case   Cont    Case    Cont      RR        95.00%CI
 2   LEE    12     m   3   l   5         12     1    -      -       -       -        1.77 (  0.41-   7.61)
 2   LEE    14     f   3   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)
 21  HE     19     f   4   n   20        999    12   -      -       -       -        1.83 (  1.15-   3.37)
Partial Totals                                      0      0       0       0
*prospective study

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

 2   LEE    12     m   3   l   5         12     1      0.57    1.80    0.03     0.44
 2   LEE    14     f   3   l   5         12     1      0.89    3.88    0.79     0.08
  Subtotal 2                                          0.58    5.68    0.83
 8   YOU    12     c   s   n   21        999    5      0.65    7.65    0.33     0.07
 9   IRIBA1 8      m   t   h   40        999    11    -0.80    2.31    3.54     0.23
 9   IRIBA1 16     f   t   h   40        999    11    -0.65    5.48    6.56     0.13
  Subtotal 9                                         -2.33    7.79   10.09
*12  IRIBA2 2      m   h   h   20        999    1      0.37   14.13    0.07     0.16
*12  IRIBA2 14     f   h   h   20        999    1      0.44   36.13    0.00     0.01
  Subtotal 12                                        -0.07   50.26    0.07
*13  WHINCU 3      m   c   c   3         14     2      0.22    5.46    0.26     0.60
 14  MCGHEE 4      c   h   p   2         999    2      0.73   19.25    1.65     0.00
*16  ZHANG  28     f   s   n   20        999    1      0.48   79.11    0.15     0.00
*17  WEN    6      f   s   k   18        999    9      0.31   28.46    0.50     0.10
 21  HE     19     f   4   n   20        999    12     0.60   13.29    0.36     0.03

Relative risks


                        N          12
                        NS          9


                        Wt       216.94
                   Het  Chi       14.22
                   Het  df          11
                   Het  P         N.S.
                   Fixed RR        1.55
                        RRl        1.36
                        RRu        1.77
                        P          +++
                   Random RR       1.53
                        RRl        1.29
                        RRu        1.81
                        P          +++
                   Asymm P        N.S.
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Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
3) TYP : b, f, n   6) Dose: Maximum value available
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 38
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
Low dose
Overall - most-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	3	l	2	4	1	–	–	–	–	1.24 (	0.39–	3.99)
2	LEE	10	f	3	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)
21	HE	17	f	4	n	1	9	12	–	–	–	–	1.10 (	0.62–	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	8	m	3	l	2	4	1	0.22	2.84	0.01	0.72
2	LEE	10	f	3	l	2	4	1	-0.15	5.43	0.54	0.73
Subtotal 2									-0.26	8.27	0.55	
8	YOU	10	c	s	n	1	20	5	0.44	9.93	0.75	0.17
*12	IRIBA2	25	m	h	h	1	19	10	-0.12	17.75	1.40	0.62
*12	IRIBA2	37	f	h	h	1	19	10	-0.01	38.89	1.18	0.95
Subtotal 12									-0.45	56.63	2.58	
*13	WHINCU	5	m	c	c	1	1	16	0.29	4.45	0.07	0.54
14	MCGHEE	3	c	h	p	1	1	2	0.29	46.92	0.78	0.04
*16	ZHANG	8	f	s	n	1	9	14	0.25	35.89	0.25	0.14
*17	WEN	4	f	s	k	1	9	9	0.30	13.35	0.25	0.27
21	HE	17	f	4	n	1	9	12	0.10	11.60	0.05	0.75

Relative risks

N	10
NS	8
Wt	187.03
Het Chi	5.27
Het df	9
Het P	N.S.
Fixed RR	1.18
RRl	1.02
RRu	1.36
P	+
Random RR	1.18
RRl	1.02
RRu	1.36
P	+
Asymm P	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
3) TYP : b, f, n   6) Dose: Minimum value available
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 39
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 23-OCT-09
Low dose
Overall - least-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   3   l   2         4      1    -       -       -       -       1.24 (  0.39-   3.99)
  2  LEE      10     f   3   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)
 21  HE       17     f   4   n   1         9     12    -       -       -       -       1.10 (  0.62-   1.96)
Partial Totals                                            0       0       0       0
*prospective study

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

  2  LEE      8      m   3   l   2         4      1      0.22    2.84    0.00    0.72
  2  LEE      10     f   3   l   2         4      1     -0.15    5.43    0.59    0.73
   Subtotal 2                                          -0.29    8.27    0.59
  8  YOU      10     c   s   n   1        20      5      0.44    9.93    0.68    0.17
*12  IRIBA2 1        m   h   h   1        19      1     -0.04   18.70    0.89    0.86
*12  IRIBA2 13       f   h   h   1        19      1      0.05   41.02    0.68    0.75
   Subtotal 12                                         -0.35   59.73    1.57
*13  WHINCU 1        m   c   c   1         1      2      0.01    5.33    0.15    0.98
 14  MCGHEE 3        c   h   p   1         1      2      0.29   46.92    0.62    0.04
*16  ZHANG  26       f   s   n   1         9      1      0.26   38.29    0.28    0.10
*17  WEN      4      f   s   k   1         9      9      0.30   13.35    0.20    0.27
 21  HE       17     f   4   n   1         9     12      0.10   11.60    0.08    0.75


Relative risks


                    N        10
                    NS        8


                    Wt     193.40
               Het  Chi      4.16
               Het  df         9
               Het  P       N.S.
             Fixed  RR       1.19
                    RRl      1.04
                    RRu      1.37
                    P          +
            Random  RR       1.19
                    RRl      1.04
                    RRu      1.37
                    P          +
             Asymm  P       N.S.
```

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Within each study, results are selected according to in the following order of preference:
1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
3) TYP : b, f, n   6) Dose: Minimum value available
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 40
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
Low dose
Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	MEAS	LOWEXP	HIEXP	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI	
2	LEE	8	m	3	l	2	4	1	–	–	–	–	1.24 (	0.39–	3.99)
2	LEE	10	f	3	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)
21	HE	17	f	4	n	1	9	12	–	–	–	–	1.10 (	0.62–	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	8	m	3	l	2	4	1	0.22	2.84	0.01	0.72
2	LEE	10	f	3	l	2	4	1	-0.15	5.43	0.54	0.73
Subtotal 2									-0.26	8.27	0.55	
8	YOU	10	c	s	n	1	20	5	0.44	9.93	0.75	0.17
*12	IRIBA2	25	m	h	h	1	19	10	-0.12	17.75	1.40	0.62
*12	IRIBA2	37	f	h	h	1	19	10	-0.01	38.89	1.18	0.95
Subtotal 12									-0.45	56.63	2.58	
*13	WHINCU	5	m	c	c	1	1	16	0.29	4.45	0.07	0.54
14	MCGHEE	3	c	h	p	1	1	2	0.29	46.92	0.78	0.04
*16	ZHANG	8	f	s	n	1	9	14	0.25	35.89	0.25	0.14
*17	WEN	4	f	s	k	1	9	9	0.30	13.35	0.25	0.27
21	HE	17	f	4	n	1	9	12	0.10	11.60	0.05	0.75

Relative risks

N	10
NS	8
Wt	187.03
Het Chi	5.27
Het df	9
Het P	N.S.
Fixed RR	1.18
RRl	1.02
RRu	1.36
P	+
Random RR	1.18
RRl	1.02
RRu	1.36
P	+
Asymm P	N.S.

Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
3) TYP : b, f, n   6) Dose: Minimum value available
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 41
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 23-OCT-09
Low dose
Overall - least-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   3   l   2         4    1    -      -        -      -        1.24 ( 0.39-  3.99)
  2  LEE      10      f   3   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)
 21  HE       17      f   4   n   1         9    12   -      -        -      -        1.10 ( 0.62-  1.96)
Partial Totals                                               0      0        0      0
*prospective study

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

  2  LEE      8       m   3   l   2         4    1       0.22     2.84     0.00     0.72
  2  LEE      10      f   3   l   2         4    1      -0.15     5.43     0.59     0.73
  Subtotal 2                                           -0.29     8.27     0.59
  8  YOU      10      c   s   n   1        20    5       0.44     9.93     0.68     0.17
*12  IRIBA2 1         m   h   h   1        19    1      -0.04    18.70     0.89     0.86
*12  IRIBA2 13        f   h   h   1        19    1       0.05    41.02     0.68     0.75
  Subtotal 12                                          -0.35    59.73     1.57
*13  WHINCU 1         m   c   c   1         1    2       0.01     5.33     0.15     0.98
 14  MCGHEE 3         c   h   p   1         1    2       0.29    46.92     0.62     0.04
*16  ZHANG    26      f   s   n   1         9    1       0.26    38.29     0.28     0.10
*17  WEN      4       f   s   k   1         9    9       0.30    13.35     0.20     0.27
 21  HE       17      f   4   n   1         9    12      0.10    11.60     0.08     0.75
```

Relative risks

```
                      N           10
                      NS           8


                      Wt       193.40
               Het  Chi         4.16
               Het  df            9
               Het  P          N.S.
               Fixed  RR        1.19
                      RRl       1.04
                      RRu       1.37
                      P           +
               Random  RR       1.19
                      RRl       1.04
                      RRu       1.37
                      P           +
               Asymm  P        N.S.
```

Within each study, results are selected according to in the following order of preference:
1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h   4) TP2 : v, s, i, n, 9, h, a, c, t
2) TIM : c, x, t, m, y, z, a, e, p   5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
3) TYP : b, f, n   6) Dose: Minimum value available
See page 2 of this report for a key to the meanings of the variable names and their values.