

Appendix Table E1 -

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
All Lung Cancer types

This analysis is restricted to results for:

- 1) Ever smokers of pipe and/or cigars (but not cigarettes); and results not by amount smoked
- 2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
 - 4) Followup period (prospective studies): whole study (coded as 0) or longest available
 - 5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
 - 6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
 - 7) For overlapping studies: principal rather than subsidiary studies
- Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E1 - 1

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	AGE1	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	DENOM
ABELIN	46	m	0	0	all	-	all	Eu:wst	1941	CC	1	nev any
ALDERS	1	m	0	0	all	-	all	Eu:UK	1977	CC	1	nev any
ARMADA	30	m	0	0	all	-	all	Eu:wst	1986	CC	0	nev any
BECHER	23	m	0	0	all	-	all	Eu:Ger	1985	CC	2	nev any
BEST	19	m	55	79	all	3	all	NAmer	1955	prosp	0	nev any
BOFFET	30	m	0	0	all	-	all	Eu:mul	1988	CC	0	nev any
BOUCOT	117	m	0	0	all	0	all	NAmer	1951	prosp	2	nev any
BRESLO	33	m	0	0	all	-	all	NAmer	1949	CC	0	nev+2
CHOW	8	m	0	0	wh	0	all	NAmer	1966	prosp	2	nev any
COMSTO	1	m	0	0	all	-	all	NAmer	1975	other	0	nev any
CPSI	186	m	35	84	all	6	all	NAmer	1959	prosp	1	nev any
DAMBER	28	m	0	0	all	-	all	Eu:Sca	1972	CC	0	nev any
DEAN	11	m	0	0	wh	-	all	Africa	1947	CC	0	nev any
DEAN2	11	m	0	0	all	-	all	Eu:UK	1960	CC	0	nev any
DOLL2	33	m	0	0	all	10	all	Eu:UK	1951	prosp	1	nev any
DORGAN	1	m	0	0	wh	-	all	NAmer	1980	CC	0	nev any
DORGAN	25	m	0	0	bl	-	all	NAmer	1980	CC	0	nev any
DORN	35	m	0	0	wh	2	all	NAmer	1954	prosp	1	nev any
GOLLED	5	m	35	99	all	-	all	Eu:UK	1952	CC	1	nev any
GRAHAM	11	m	0	0	wh	-	all	NAmer	1956	CC	1	nev any
HAMMO2	14	m	0	0	all	0	all	NAmer	1967	prosp	1	nev any
HAMMON	118	m	0	0	wh	0	all	NAmer	1952	prosp	1	nev any
KJUUS	4	m	0	0	all	-	all	Eu:Sca	1979	CC	0	nev any
LEVIN	31	m	0	0	all	-	all	NAmer	1938	CC	1	nev any
LOMBAR	1	m	0	0	all	-	all	NAmer	1951	CC	0	nev any
LUBIN2	50	m	0	0	all	-	all	Eu:mul	1976	CC	2	nev any
MARSH	5	m	0	0	all	-	all	NAmer	1979	CC	0	nev any
MARSH2	3	c	0	0	all	-	all	NAmer	1979	CC	0	nev any
SADOWS	70	m	0	0	wh	-	all	NAmer	1938	CC	0	nev any
STASZE	3	m	0	0	all	-	all	Eu:est	1954	CC	0	nev any
STOCKW	5	c	0	0	all	-	all	NAmer	1981	CC	0	nev any
TOUSEY	9	m	0	0	all	-	all	NAmer	1993	CC	3	nev any
TOUSEY	5	f	0	0	all	-	all	NAmer	1993	CC	0	nev any
WIGLE	14	m	0	0	all	-	all	NAmer	1971	CC	0	nev any
WIGLE	17	f	0	0	all	-	all	NAmer	1971	CC	0	nev any
WYNDE2	15	m	0	0	all	-	all	NAmer	1962	CC	0	nev any
WYNDE3	152	m	0	0	all	-	all	NAmer	1966	CC	0	nev any
WYNDE6	63	m	0	0	all	-	all	NAmer	1969	CC	0	nev any

Appendix Table E1 - 2

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
All Lung Cancer types
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
ABELIN	46	m	1	-	-	-	-	30.49	(7.32- 127.00)
ALDERS	1	m	1	-	-	-	-	3.82	(1.74- 8.40)
ARMADA	30	m	0	4	7	4	64	9.14	(1.86- 44.85)
BECHER	23	m	2	-	-	-	-	4.62	(1.15- 18.56)
*BEST	19	m	0	8	2972	1	2854	7.68	(0.96- 61.38)
BOFFET	30	m	0	118	266	117	1750	6.64	(4.98- 8.84)
*BOUCOT	117	m	2	-	-	-	-	6.80	(0.37- 126.25)
BRESLO	33	m	0	15	68	7	42	1.32	(0.50- 3.51)
*CHOW	8	m	2	-	-	-	-	3.95	(1.18- 13.26)
COMSTO	1	m	0	2	15	4	69	2.30	(0.39- 13.73)
*CPSI	186	m	1	-	-	-	-	1.94	(1.44- 2.62)
DAMBER	28	m	0	205	149	42	208	6.81	(4.60- 10.09)
DEAN	11	m	0	51	74	12	61	3.50	(1.71- 7.16)
DEAN2	11	m	0	81	128	33	112	2.15	(1.33- 3.46)
*DOLL2	33	m	1	-	-	-	-	6.14	(1.85- 20.40)
DORGAN	1	m	0	22	55	15	93	2.48	(1.19- 5.18)
DORGAN	25	m	0	3	19	3	35	1.84	(0.34- 10.03)
Subtotal DORGAN								2.37	(1.20- 4.65)
*DORN	35	m	1	-	-	-	-	1.60	(0.81- 3.16)
GOLLED	5	m	1	-	-	-	-	3.13	(1.73- 5.67)
GRAHAM	11	m	1	-	-	-	-	2.55	(1.49- 4.38)
*HAMMO2	14	m	1	-	-	-	-	0.88	(0.21- 3.67)
*HAMMON	118	m	1	-	-	-	-	1.55	(0.83- 2.90)
KJUUS	4	m	0	23	25	2	24	11.04	(2.34- 52.00)
LEVIN	31	m	1	-	-	-	-	1.31	(0.81- 2.12)
LOMBAR	1	m	0	48	146	14	112	2.63	(1.38- 5.01)
LUBIN2	50	m	2	-	-	-	-	3.14	(2.41- 4.08)
MARSH	5	m	0	0	5	2	31	1.15	(0.05- 27.23)
MARSH2	3	c	0	0	4	12	56	0.50	(0.03- 9.94)
SADOWS	70	m	0	38	88	18	81	1.94	(1.03- 3.67)
STASZE	3	m	0	4	101	5	158	1.25	(0.33- 4.77)
STOCKW	5	c	0	715	655	2791	10641	4.16	(3.71- 4.66)
TOUSEY	9	m	3	-	-	-	-	2.80	(0.70- 11.60)
TOUSEY	5	f	0	1	2	13	226	8.69	(0.74- 102.22)
Subtotal TOUSEY								3.70	(1.09- 12.52)
WIGLE	14	m	0	30	113	15	204	3.61	(1.86- 6.99)
WIGLE	17	f	0	1	0	36	439	36.12	(1.45- 902.62)
Subtotal WIGLE								3.96	(2.07- 7.57)
WYNDE2	15	m	0	14	104	8	105	1.77	(0.71- 4.39)
WYNDE3	152	m	0	14	68	9	88	2.01	(0.82- 4.93)
WYNDE6	63	m	0	58	199	87	617	2.07	(1.43- 2.99)
Partial Totals				1455	5263	3250	18070		
*prospective study									~ With 0.5 adjustment for zero

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
ABELIN	46	m	1	3.42	1.89	8.94	0.0000
ALDERS	1	m	1	1.34	6.20	0.06	0.0008
ARMADA	30	m	0	2.21	1.52	1.44	0.0064
BECHER	23	m	2	1.53	1.99	0.17	0.0310
*BEST	19	m	0	2.04	0.89	0.57	0.0545
BOFFET	30	m	0	1.89	46.83	19.91	0.0000
*BOUCOT	117	m	2	1.92	0.45	0.21	0.1976
BRESLO	33	m	0	0.28	4.03	3.72	0.5736
*CHOW	8	m	2	1.37	2.63	0.05	0.0260
COMSTO	1	m	0	0.83	1.20	0.20	0.3609
*CPSI	186	m	1	0.66	42.89	14.32	0.0000
DAMBER	28	m	0	1.92	24.87	11.45	0.0000
DEAN	11	m	0	1.25	7.53	0.00	0.0006
DEAN2	11	m	0	0.76	16.84	3.82	0.0017
*DOLL2	33	m	1	1.81	2.67	0.88	0.0030
DORGAN	1	m	0	0.91	7.09	0.78	0.0156
DORGAN	25	m	0	0.61	1.34	0.53	0.4799
Subtotal DORGAN				-0.96	8.43	1.31	
*DORN	35	m	1	0.47	8.29	4.92	0.1759
GOLLED	5	m	1	1.14	10.90	0.11	0.0002
GRAHAM	11	m	1	0.94	13.22	1.22	0.0007
*HAMMO2	14	m	1	-0.13	1.88	3.51	0.8610

Appendix Table E1 - 2

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*HAMMON	118	m	1	0.44	9.82	6.32	0.1697
KJUUS	4	m	0	2.40	1.60	2.16	0.0024
LEVIN	31	m	1	0.27	16.60	15.63	0.2713
LOMBAR	1	m	0	0.97	9.26	0.69	0.0033
LUBIN2	50	m	2	1.14	55.44	0.51	0.0000
MARSH	5	m	0	0.14	0.38	0.47	0.9331
MARSH2	3	c	0	-0.69	0.43	1.60	0.6511
SADOWS	70	m	0	0.66	9.47	3.14	0.0409
STASZE	3	m	0	0.22	2.14	2.21	0.7425
STOCKW	5	c	0	1.43	296.07	10.19	0.0000
TOUSEY	9	m	3	1.03	1.95	0.09	0.1506
TOUSEY	5	f	0	2.16	0.63	0.54	0.0855
Subtotal	TOUSEY			0.71	2.58	0.62	
WIGLE	14	m	0	1.28	8.79	0.02	0.0001
WIGLE	17	f	0	3.59	0.37	2.04	0.0289
Subtotal	WIGLE			2.39	9.16	2.06	
WYNDE2	15	m	0	0.57	4.64	2.09	0.2202
WYNDE3	152	m	0	0.70	4.79	1.40	0.1256
WYNDE6	63	m	0	0.73	28.26	7.48	0.0001

RR data

	N	38
	NS	35
	Wt	655.79
Het	Chi	133.38
Het	df	37
Het	P	***
Fixed	RR	3.46
	RRl	3.20
	RRu	3.73
	P	+++
Random	RR	2.92
	RRl	2.38
	RRu	3.57
	P	+++

Appendix Table E1 - 3

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
All Lung Cancer types
Adjusted

RR data

	N	38						
	NS	35						
	Wt	655.79						
	Het Chi	133.38						
	Het df	37						
	Het P	***						
Fixed	RR	3.46						
	RRl	3.20						
	RRu	3.73						
	P	+++						
Random	RR	2.92						
	RRl	2.38						
	RRu	3.57						
	P	+++						
	RR Description:Sex(RR)							
	combined	male	female	Total				
	N	2	34	2	38			
	NS	2	33	2	37			
	Wt	296.50	358.28	1.00	655.79			
	Het Chi	1.92	110.39	0.47	133.38			
	Het df	1	33	1	37			
	Het P	N.S.	***	N.S.	***			
Fixed	RR	4.15	2.96	14.72	3.46			
	RRl	3.70	2.67	2.08	3.20			
	RRu	4.65	3.28	104.15	3.73			
	P	+++	+++	++	+++			
Random	RR	2.50	2.84	14.72	2.92			
	RRl	0.42	2.27	2.08	2.38			
	RRu	14.72	3.55	104.15	3.57			
	P	N.S.	+++	++	+++			
Between	Chi				20.59			
Between	df				2			
Between	P				***			
	Continent							
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
	N	25	12			1	38	
	NS	22	12			1	35	
	Wt	475.37	172.89			7.53	655.79	
	Het Chi	78.18	41.94			0.00	133.38	
	Het df	24	11			0	37	
	Het P	***	***			N.S.	***	
Fixed	RR	3.17	4.38			3.50	3.46	
	RRl	2.90	3.77			1.71	3.20	
	RRu	3.47	5.09			7.16	3.73	
	P	+++	+++			+++	+++	
Random	RR	2.25	4.59			3.50	2.92	
	RRl	1.74	3.19			1.71	2.38	
	RRu	2.91	6.60			7.16	3.57	
	P	+++	+++			+++	+++	
Between	Chi						13.26	
Between	df						2	
Between	P						**	

Appendix Table E1 - 3

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
All Lung Cancer types

		Adjusted Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
RR data									
	N	2	4	1	2	2	1		12
	NS	2	4	1	2	2	1		12
	Wt	102.27	36.61	1.99	26.47	3.41	2.14		172.89
Het	Chi	14.21	3.55	0.00	0.35	1.22	0.00		41.94
Het	df	1	3	0	1	1	0		11
Het	P	***	N.S.	N.S.	N.S.	N.S.	N.S.		***
Fixed	RR	4.42	2.86	4.62	7.02	17.82	1.25		4.38
	RRl	3.64	2.07	1.15	4.79	6.16	0.33		3.77
	RRu	5.37	3.95	18.56	10.27	51.54	4.77		5.09
	P	+++	+++	+	+++	+++	N.S.		+++
Random	RR	4.55	2.94	4.62	7.02	17.61	1.25		4.59
	RRl	2.19	2.04	1.15	4.79	5.44	0.33		3.19
	RRu	9.48	4.23	18.56	10.27	57.07	4.77		6.60
	P	+++	+++	+	+++	+++	N.S.		+++
Between	Chi								22.62
Between	df								5
Between	P								***
Start year of study									
		<1960	1960-69	1970-79	1980-89	1990+	Total		
	N	15	6	9	6	2	38		
	NS	15	6	8	5	1	35		
	Wt	140.05	59.04	99.29	354.83	2.58	655.79		
Het	Chi	30.31	2.61	16.67	12.98	0.61	133.38		
Het	df	14	5	8	5	1	37		
Het	P	**	N.S.	*	*	N.S.	***		
Fixed	RR	2.13	2.06	3.96	4.38	3.70	3.46		
	RRl	1.81	1.60	3.25	3.95	1.09	3.20		
	RRu	2.52	2.66	4.82	4.87	12.52	3.73		
	P	+++	+++	+++	+++	+	+++		
Random	RR	2.35	2.06	4.20	4.52	3.70	2.92		
	RRl	1.78	1.60	2.77	3.18	1.09	2.38		
	RRu	3.10	2.66	6.36	6.43	12.52	3.57		
	P	+++	+++	+++	+++	+	+++		
Between	Chi						70.20		
Between	df						4		
Between	P						***		
Study type									
		CC	prosp	other	Total				
	N	29	8	1	38				
	NS	26	8	1	35				
	Wt	585.07	69.51	1.20	655.79				
Het	Chi	99.78	9.21	0.00	133.38				
Het	df	28	7	0	37				
Het	P	***	N.S.	N.S.	***				
Fixed	RR	3.70	1.98	2.30	3.46				
	RRl	3.41	1.57	0.39	3.20				
	RRu	4.01	2.51	13.73	3.73				
	P	+++	+++	N.S.	+++				
Random	RR	3.11	2.07	2.30	2.92				
	RRl	2.51	1.47	0.39	2.38				
	RRu	3.87	2.92	13.73	3.57				
	P	+++	+++	N.S.	+++				
Between	Chi				24.39				
Between	df				2				
Between	P				***				

Appendix Table E1 - 3

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types

		Adjusted Number of adjustment variables						
		0	1	2	3-5	6-9	10+/ +nk	Total
RR data								
	N	23	10	4	1			38
	NS	21	10	4	1			36
	Wt	478.98	114.35	60.50	1.95			655.79
Het	Chi	68.65	27.93	0.66	0.00			133.38
Het	df	22	9	3	0			37
Het	P	***	***	N.S.	N.S.			***
Fixed	RR	3.93	2.11	3.23	2.80			3.46
	RRl	3.59	1.75	2.51	0.69			3.20
	RRu	4.30	2.53	4.16	11.40			3.73
	P	+++	+++	+++	N.S.			+++
Random	RR	3.15	2.42	3.23	2.80			2.92
	RRl	2.45	1.67	2.51	0.69			2.38
	RRu	4.05	3.50	4.16	11.40			3.57
	P	+++	+++	+++	N.S.			+++
Between	Chi							36.14
Between	df							3
Between	P							***

Appendix Table E1 - 4

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STTYP	ADJ	DENOM
ABELIN	3	m	0	0	all	-	all	Eu:wst	1941	CC	0	nev any
ALDERS	7	m	0	0	all	-	all	Eu:UK	1977	CC	0	nev any
ARMADA	30	m	0	0	all	-	all	Eu:wst	1986	CC	0	nev any
BECHER	3	m	0	0	all	-	all	Eu:Ger	1985	CC	0	nev any
BEST	19	m	55	79	all	3	all	NAmer	1955	prosp	0	nev any
BOFFET	30	m	0	0	all	-	all	Eu:mul	1988	CC	0	nev any
BOUCOT	5	m	0	0	all	0	all	NAmer	1951	prosp	0	nev any
BRESLO	33	m	0	0	all	-	all	NAmer	1949	CC	0	nev+2
CHOW	1	m	0	0	wh	0	all	NAmer	1966	prosp	0	nev any
COMSTO	1	m	0	0	all	-	all	NAmer	1975	other	0	nev any
CPSI	186	m	35	84	all	6	all	NAmer	1959	prosp	1	nev any
DAMBER	28	m	0	0	all	-	all	Eu:Sca	1972	CC	0	nev any
DEAN	11	m	0	0	wh	-	all	Africa	1947	CC	0	nev any
DEAN2	11	m	0	0	all	-	all	Eu:UK	1960	CC	0	nev any
DOLL2	33	m	0	0	all	10	all	Eu:UK	1951	prosp	1	nev any
DORGAN	1	m	0	0	wh	-	all	NAmer	1980	CC	0	nev any
DORGAN	25	m	0	0	bl	-	all	NAmer	1980	CC	0	nev any
DORN	44	m	0	0	wh	2	all	NAmer	1954	prosp	0	nev any
GOLLED	19	m	35	99	all	-	all	Eu:UK	1952	CC	0	nev any
GRAHAM	6	m	0	0	wh	-	all	NAmer	1956	CC	0	nev any
HAMMO2	28	m	0	0	all	0	all	NAmer	1967	prosp	0	nev any
HAMMON	130	m	0	0	wh	0	all	NAmer	1952	prosp	0	nev any
KJUUS	4	m	0	0	all	-	all	Eu:Sca	1979	CC	0	nev any
LEVIN	31	m	0	0	all	-	all	NAmer	1938	CC	1	nev any
LOMBAR	1	m	0	0	all	-	all	NAmer	1951	CC	0	nev any
LUBIN2	49	m	0	0	all	-	all	Eu:mul	1976	CC	0	nev any
MARSH	5	m	0	0	all	-	all	NAmer	1979	CC	0	nev any
MARSH2	3	c	0	0	all	-	all	NAmer	1979	CC	0	nev any
SADOWS	70	m	0	0	wh	-	all	NAmer	1938	CC	0	nev any
STASZE	3	m	0	0	all	-	all	Eu:est	1954	CC	0	nev any
STOCKW	5	c	0	0	all	-	all	NAmer	1981	CC	0	nev any
TOUSEY	1	m	0	0	all	-	all	NAmer	1993	CC	0	nev any
TOUSEY	5	f	0	0	all	-	all	NAmer	1993	CC	0	nev any
WIGLE	14	m	0	0	all	-	all	NAmer	1971	CC	0	nev any
WIGLE	17	f	0	0	all	-	all	NAmer	1971	CC	0	nev any
WYNDE2	15	m	0	0	all	-	all	NAmer	1962	CC	0	nev any
WYNDE3	152	m	0	0	all	-	all	NAmer	1966	CC	0	nev any
WYNDE6	63	m	0	0	all	-	all	NAmer	1969	CC	0	nev any

Appendix Table E1 - 5

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
ABELIN	3	m	0	69	187	2	183	33.76	(8.16- 139.75)
ALDERS	7	m	0	17	35	15	133	4.31	(1.96- 9.47)
ARMADA	30	m	0	4	7	4	64	9.14	(1.86- 44.85)
BECHER	3	m	0	6	21	3	54	5.14	(1.18- 22.47)
*BEST	19	m	0	8	2972	1	2854	7.68	(0.96- 61.38)
BOFFET	30	m	0	118	266	117	1750	6.64	(4.98- 8.84)
*BOUCOT	5	m	0	4	8926	0	7551	7.61~	(0.41- 141.39)
BRESLO	33	m	0	15	68	7	42	1.32	(0.50- 3.51)
*CHOW	1	m	0	5	13677	6	62913	3.83	(1.17- 12.56)
COMSTO	1	m	0	2	15	4	69	2.30	(0.39- 13.73)
*CPSI	186	m	1	-	-	-	-	1.94	(1.44- 2.62)
DAMBER	28	m	0	205	149	42	208	6.81	(4.60- 10.09)
DEAN	11	m	0	51	74	12	61	3.50	(1.71- 7.16)
DEAN2	11	m	0	81	128	33	112	2.15	(1.33- 3.46)
*DOLL2	33	m	1	-	-	-	-	6.14	(1.85- 20.40)
DORGAN	1	m	0	22	55	15	93	2.48	(1.19- 5.18)
DORGAN	25	m	0	3	19	3	35	1.84	(0.34- 10.03)
Subtotal DORGAN								2.37	(1.20- 4.65)
*DORN	44	m	0	16	68146	17	117918	1.63	(0.82- 3.22)
GOLLED	19	m	0	48	331	15	490	4.74	(2.61- 8.60)
GRAHAM	6	m	0	49	367	18	346	2.57	(1.47- 4.49)
*HAMMO2	28	m	0	3	488	5	891	1.10	(0.26- 4.56)
*HAMMON	130	m	0	28	127770	15	115884	1.69	(0.90- 3.17)
KJUUS	4	m	0	23	25	2	24	11.04	(2.34- 52.00)
LEVIN	31	m	1	-	-	-	-	1.31	(0.81- 2.12)
LOMBAR	1	m	0	48	146	14	112	2.63	(1.38- 5.01)
LUBIN2	49	m	0	99	406	190	2617	3.36	(2.58- 4.38)
MARSH	5	m	0	0	5	2	31	1.15~	(0.05- 27.23)
MARSH2	3	c	0	0	4	12	56	0.50~	(0.03- 9.94)
SADOWS	70	m	0	38	88	18	81	1.94	(1.03- 3.67)
STASZE	3	m	0	4	101	5	158	1.25	(0.33- 4.77)
STOCKW	5	c	0	715	655	2791	10641	4.16	(3.71- 4.66)
TOUSEY	1	m	0	4	48	4	130	2.71	(0.65- 11.26)
TOUSEY	5	f	0	1	2	13	226	8.69	(0.74- 102.22)
Subtotal TOUSEY								3.63	(1.06- 12.45)
WIGLE	14	m	0	30	113	15	204	3.61	(1.86- 6.99)
WIGLE	17	f	0	1	0	36	439	36.12~	(1.45- 902.62)
Subtotal WIGLE								3.96	(2.07- 7.57)
WYNDE2	15	m	0	14	104	8	105	1.77	(0.71- 4.39)
WYNDE3	152	m	0	14	68	9	88	2.01	(0.82- 4.93)
WYNDE6	63	m	0	58	199	87	617	2.07	(1.43- 2.99)
Partial Totals				1803	225665	3540	327180		
*prospective study									~ With 0.5 adjustment for zero

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
ABELIN	3	m	0	3.52	1.90	9.74	0.0000
ALDERS	7	m	0	1.46	6.19	0.25	0.0003
ARMADA	30	m	0	2.21	1.52	1.39	0.0064
BECHER	3	m	0	1.64	1.77	0.26	0.0295
*BEST	19	m	0	2.04	0.89	0.54	0.0545
BOFFET	30	m	0	1.89	46.83	18.88	0.0000
*BOUCOT	5	m	0	2.03	0.45	0.27	0.1733
BRESLO	33	m	0	0.28	4.03	3.85	0.5736
*CHOW	1	m	0	1.34	2.73	0.02	0.0265
COMSTO	1	m	0	0.83	1.20	0.22	0.3609
*CPSI	186	m	1	0.66	42.89	15.17	0.0000
DAMBER	28	m	0	1.92	24.87	10.88	0.0000
DEAN	11	m	0	1.25	7.53	0.00	0.0006
DEAN2	11	m	0	0.76	16.84	4.09	0.0017
*DOLL2	33	m	1	1.81	2.67	0.83	0.0030
DORGAN	1	m	0	0.91	7.09	0.86	0.0156
DORGAN	25	m	0	0.61	1.34	0.56	0.4799
Subtotal DORGAN				-1.00	8.43	1.42	
*DORN	44	m	0	0.49	8.24	4.88	0.1614
GOLLED	19	m	0	1.56	10.80	0.96	0.0000
GRAHAM	6	m	0	0.94	12.26	1.22	0.0010
*HAMMO2	28	m	0	0.09	1.89	2.57	0.9003

Appendix Table E1 - 5

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*HAMMON	130	m	0	0.53	9.77	5.22	0.0998
KJUUS	4	m	0	2.40	1.60	2.09	0.0024
LEVIN	31	m	1	0.27	16.60	16.18	0.2713
LOMBAR	1	m	0	0.97	9.26	0.78	0.0033
LUBIN2	49	m	0	1.21	54.92	0.12	0.0000
MARSH	5	m	0	0.14	0.38	0.48	0.9331
MARSH2	3	c	0	-0.69	0.43	1.63	0.6511
SADOWS	70	m	0	0.66	9.47	3.33	0.0409
STASZE	3	m	0	0.22	2.14	2.29	0.7425
STOCKW	5	c	0	1.43	296.07	8.41	0.0000
TOUSEY	1	m	0	1.00	1.89	0.13	0.1705
TOUSEY	5	f	0	2.16	0.63	0.52	0.0855
Subtotal	TOUSEY			0.64	2.52	0.65	
WIGLE	14	m	0	1.28	8.79	0.01	0.0001
WIGLE	17	f	0	3.59	0.37	2.01	0.0289
Subtotal	WIGLE			2.36	9.16	2.02	
WYNDE2	15	m	0	0.57	4.64	2.20	0.2202
WYNDE3	152	m	0	0.70	4.79	1.49	0.1256
WYNDE6	63	m	0	0.73	28.26	7.98	0.0001

RR data

	N	38
	NS	35
	Wt	653.95
Het	Chi	132.31
Het	df	37
Het	P	***
Fixed	RR	3.52
	RRl	3.26
	RRu	3.80
	P	+++
Random	RR	3.01
	RRl	2.46
	RRu	3.68
	P	+++

Appendix Table E1 - 6

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
All Lung Cancer types
Unadjusted

RR data

	N	38						
	NS	35						
	Wt	653.95						
	Het Chi	132.31						
	Het df	37						
	Het P	***						
Fixed	RR	3.52						
	RRl	3.26						
	RRu	3.80						
	P	+++						
Random	RR	3.01						
	RRl	2.46						
	RRu	3.68						
	P	+++						
	RR Description:Sex(RR)							
	combined	male	female	Total				
	N	2	34	2	38			
	NS	2	33	2	37			
	Wt	296.50	356.45	1.00	653.95			
	Het Chi	1.92	112.59	0.47	132.31			
	Het df	1	33	1	37			
	Het P	N.S.	***	N.S.	***			
Fixed	RR	4.15	3.05	14.72	3.52			
	RRl	3.70	2.75	2.08	3.26			
	RRu	4.65	3.39	104.15	3.80			
	P	+++	+++	++	+++			
Random	RR	2.50	2.94	14.72	3.01			
	RRl	0.42	2.35	2.08	2.46			
	RRu	14.72	3.69	104.15	3.68			
	P	N.S.	+++	++	+++			
Between	Chi				17.33			
Between	df				2			
Between	P				***			
	Continent							
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
	N	25	12			1	38	
	NS	22	12			1	35	
	Wt	474.37	172.05			7.53	653.95	
	Het Chi	75.81	38.74			0.00	132.31	
	Het df	24	11			0	37	
	Het P	***	***			N.S.	***	
Fixed	RR	3.18	4.63			3.50	3.52	
	RRl	2.91	3.99			1.71	3.26	
	RRu	3.48	5.38			7.16	3.80	
	P	+++	+++			+++	+++	
Random	RR	2.27	4.93			3.50	3.01	
	RRl	1.76	3.47			1.71	2.46	
	RRu	2.93	7.00			7.16	3.68	
	P	+++	+++			+++	+++	
Between	Chi						17.77	
Between	df						2	
Between	P						***	

Appendix Table E1 - 6

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
All Lung Cancer types

		Country in Europe							
		Unadjusted							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
RR data									
	N	2	4	1	2	2	1		12
	NS	2	4	1	2	2	1		12
	Wt	101.75	36.50	1.77	26.47	3.42	2.14		172.05
	Het Chi	11.72	5.99	0.00	0.35	1.44	0.00		38.74
	Het df	1	3	0	1	1	0		11
	Het P	***	N.S.	N.S.	N.S.	N.S.	N.S.		***
	Fixed RR	4.59	3.30	5.14	7.02	18.91	1.25		4.63
	RRl	3.78	2.38	1.18	4.79	6.55	0.33		3.99
	RRu	5.58	4.56	22.47	10.27	54.55	4.77		5.38
	P	+++	+++	+	+++	+++	N.S.		+++
	Random RR	4.71	3.63	5.14	7.02	18.49	1.25		4.93
	RRl	2.42	2.21	1.18	4.79	5.16	0.33		3.47
	RRu	9.18	5.96	22.47	10.27	66.25	4.77		7.00
	P	+++	+++	+	+++	+++	N.S.		+++
	Between Chi								19.24
	Between df								5
	Between P								**
		Start year of study							
		<1960	1960-69	1970-79	1980-89	1990+	Total		
	N	15	6	9	6	2	38		
	NS	15	6	8	5	1	35		
	Wt	138.91	59.15	98.76	354.61	2.52	653.95		
	Het Chi	36.07	1.94	15.00	13.02	0.64	132.31		
	Het df	14	5	8	5	1	37		
	Het P	**	N.S.	(*)	*	N.S.	***		
	Fixed RR	2.22	2.08	4.15	4.39	3.63	3.52		
	RRl	1.88	1.61	3.41	3.95	1.06	3.26		
	RRu	2.63	2.68	5.05	4.87	12.45	3.80		
	P	+++	+++	+++	+++	+	+++		
	Random RR	2.51	2.08	4.36	4.54	3.63	3.01		
	RRl	1.85	1.61	2.96	3.19	1.06	2.46		
	RRu	3.41	2.68	6.43	6.47	12.45	3.68		
	P	+++	+++	+++	+++	+	+++		
	Between Chi						65.64		
	Between df						4		
	Between P						***		
		Study type							
		CC	prosp	other	Total				
	N	29	8	1	38				
	NS	26	8	1	35				
	Wt	583.22	69.53	1.20	653.95				
	Het Chi	99.99	8.26	0.00	132.31				
	Het df	28	7	0	37				
	Het P	***	N.S.	N.S.	***				
	Fixed RR	3.76	2.02	2.30	3.52				
	RRl	3.47	1.60	0.39	3.26				
	RRu	4.08	2.56	13.73	3.80				
	P	+++	+++	N.S.	+++				
	Random RR	3.21	2.10	2.30	3.01				
	RRl	2.58	1.54	0.39	2.46				
	RRu	3.99	2.85	13.73	3.68				
	P	+++	+++	N.S.	+++				
	Between Chi				24.06				
	Between df				2				
	Between P				***				

Appendix Table E1 - 6

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types

		Number of adjustment variables						Total
		0	1	2	3-5	6-9	10+/ +nk	
RR data								
	N	35	3					38
	NS	32	3					35
	Wt	591.79	62.16					653.95
	Het Chi	97.37	5.91					132.31
	Het df	34	2					37
	Het P	***	(*)					***
Fixed	RR	3.76	1.84					3.52
	RRl	3.47	1.43					3.26
	RRu	4.08	2.35					3.80
	P	+++	+++					+++
Random	RR	3.17	1.98					3.01
	RRl	2.60	1.15					2.46
	RRu	3.87	3.41					3.68
	P	+++	+					+++
Between	Chi							29.04
Between	df							1
Between	P							***

Appendix Table E1 - 7

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABRAHA	AGUDO	AKIBA	AMANDU	AMES	ANDERS	ARCHER	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND	BARBON	BENSHL	BERRIN
	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOUCHA	BRETT	BROCKM	BROSS	BROWN1	BROWN2	BROWN3	BUELL	BUFFLE	BYERS1	BYERS2
	CARPEN	CASCO2	CASCOR	CEDERL	CHAN	CHANG	CHATZI	CHEN	CHEN2	CHEN3	CHIAZZ	CHOI	CHYOU	COOKSO	CORREA	CPSII
	DARBY	DAVEYS	DEAN3	DEKLER	DESTE2	DESTEF	DOCKER	DOLL	DORANT	DOSEME	DROSTE	DU	DUNN	EBELIN	ENGELA	ENSTRO
	ESAKI	FAN	GAO	GAO2	GARCIA	GARDIN	GARSHI	GENG	GER	GILLIS	GODLEY	GOODMA	GREGOR	GSELL	GURSEL	HAENSZ
	HANSEN	HEGMAN	HEIN	HENNEK	HINDS	HIRAOK	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT	HU	HU2	HUANG	HUMBLE
	ISHIMA	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW	KAISE2	KAISER	KANELL	KATSOU	KAUFMA	KELLER	KHUDER
	KIHARA	KINLEN	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK	LAMTH	LAMWK	LAMWK2	LANGE	LAURIL	LAUSSM
	LEI	LEMARC	LETOUR	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4	LIU5	LOMBA2	LUBIN	LUO	MACLEN	MAGNUS
	MARTIS	MASTRA	MATOS	MATSUD	MCCONN	MCDUFF	MCLAUG	MIGRAN	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN	NAM
	NOTAN2	NOTANI	NOU	ODRISC	ORMOS	OSANN	OSANN2	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PEZZOT
	PIKE	PISANI	POFFIJ	POLEDN	PRESKO	QIAO	QIAO2	RACHTA	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS	ROTHSC
	SAARIK	SANKAR	SCHWA2	SCHWAR	SEGI	SEGI2	SEOW	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2	SPEIZE	SPLITZ
	STAYNE	STOCKS	STUCKE	SUN	SUZUK2	SUZUKI	SVENSS	TANG	TANG2	TAO	TENKAN	TIZZAN	TOKARS	TSUGAN	TULINI	TVERDA
	ULMER	VANDER	VEIERO	VUTUC	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	WEIR	WICKLU	WILKIN	WU
	WU2	WUNSCH	WUWILL	WYNDE4	WYNDE5	WYNDE7	WYNDE8	WYNDER	XIANGZ	XU	XU2	XU3	XU4	YAMAGU	YONG	YUAN
	ZHANG	ZHENG	ZHOU													
7	BENHAM	JAHN														

Appendix Table E1 - 8

IESLC - Meta-analysis of Ever Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Potentially overlapping studies

REF	REFGP	PRINC												OVERLAP/LINK	
LUBIN2	LUBIN2	1	Lubin-combined												
GRAHAM	BYERS1	1	GRAHAM/BROSS/BYERS1												
WYNDE6	WYNDE6	1	WYNDE5/6/7/8												
CPSI	CPSI	1	CPSI overall												
BOFFET	BOFFET	1	BOFFET-combined												
Adjusted - insufficient data for metaanalysis															
REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC	TYPE	LOC	START	STTYP	ADJ	DENOM	RR	SIG
BECHER	4	f	0	0	all	-	all	Eu:Ger	1985	CC	0	nev	any	*	
BRESLO	34	f	0	0	all	-	all	NAmer	1949	CC	0	nev+2		*	
Unadjusted - insufficient data for metaanalysis															
REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC	TYPE	LOC	START	STTYP	ADJ	DENOM	RR	SIG
BECHER	4	f	0	0	all	-	all	Eu:Ger	1985	CC	0	nev	any	*	
BRESLO	34	f	0	0	all	-	all	NAmer	1949	CC	0	nev+2		*	

Appendix Table E2 -

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)
All Lung Cancer types

This analysis is restricted to results for:

- 1) Current smokers of pipe and/or cigars (but not cigarettes); and results not by amount smoked
- 2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
 - 4) Followup period (prospective studies): whole study (coded as 0) or longest available
 - 5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
 - 6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
 - 7) For overlapping studies: principal rather than subsidiary studies
- Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E2 - 1

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)
All Lung Cancer types
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STTYP	ADJ	DENOM
BENSHL	10	m	40	64	all	10	all	Eu:UK	1967	prosp	1	nev any
BROSS	5	m	0	0	wh	-	all	NAmer	1960	CC	0	nev any
CHOW	13	m	0	0	wh	0	all	NAmer	1966	prosp	0	nev any
DARBY	6	m	0	0	wh	-	all	Eu:UK	1988	CC	0	nev any
DARBY	13	f	0	0	wh	-	all	Eu:UK	1988	CC	0	nev any
DEKLER	5	m	0	0	all	0	all	Auslia	1961	prosp	2	nev any
DOLL2	20	m	0	0	all	20	all	Eu:UK	1951	prosp	1	nev any
DORN	90	m	35	84	wh	8	all	NAmer	1954	prosp	1	nev any
ENGELA	167	m	0	0	all	12	all	Eu:Sca	1964	prosp	1	nev any
GRAHAM	24	m	0	0	wh	-	all	NAmer	1956	CC	1	nev any
HOLE	6	m	0	0	all	0	all	Eu:UK	1972	prosp	1	nev any
KINLEN	13	m	0	0	all	0	all	Eu:UK	1967	prosp	2	nev any
KNEKT	28	m	20	69	all	21	all	Eu:Sca	1966	prosp	1	nev any
KREUZE	9	m	1	45	all	-	all	Eu:Ger	1990	CC	0	nev any
KREUZE	11	m	55	69	all	-	all	Eu:Ger	1990	CC	0	nev any
KREUZE	10	f	1	45	all	-	all	Eu:Ger	1990	CC	0	nev any
KREUZE	12	f	55	69	all	-	all	Eu:Ger	1990	CC	0	nev any
LUBIN2	30	m	0	0	all	-	all	Eu:mul	1976	CC	2	nev any
MATOS	1	m	0	0	all	-	all	SCAmer	1994	CC	0	nev any
MIGRAN	16	m	0	0	all	0	all	Eu:UK	1964	prosp	2	nev any
TULINI	35	m	0	0	all	0	all	Eu:Sca	1967	prosp	3	nev any
TULINI	31	f	0	0	all	0	all	Eu:Sca	1967	prosp	3	nev any
WALD	3	m	0	0	all	0	all	Eu:UK	1975	prosp	1	nev any
WIGLE	29	m	0	0	all	-	all	NAmer	1971	CC	1	nev any
WIGLE	5	f	0	0	all	-	all	NAmer	1971	CC	0	nev any
WYNDE3	42	m	0	0	all	-	all	NAmer	1966	CC	0	nev any
WYNDE7	46	m	0	0	all	-	all	NAmer	1977	CC	0	nev any

Appendix Table E2 - 2

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)
All Lung Cancer types
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
*BENSHL	10	m	1	-	-	-	-	2.33 (0.58- 9.33)	
BROSS	5	m	0	125	211	38	170	2.65 (1.75- 4.02)	
*CHOW	13	m	0	37	47084	6	62913	8.24 (3.48- 19.52)	
DARBY	6	m	0	57	165	3	384	44.22 (13.65- 143.22)	
DARBY	13	f	0	3	14	23	529	4.93 (1.32- 18.36)	
Subtotal DARBY								16.69 (6.95- 40.09)	
*DEKLER	5	m	2	-	-	-	-	9.10 (0.82- 101.10)	
*DOLL2	20	m	1	-	-	-	-	5.80 (2.65- 12.72)	
*DORN	90	m	1	-	-	-	-	1.70 (1.21- 2.37)	
*ENGELA	167	m	1	-	-	-	-	2.60 (1.02- 6.60)	
GRAHAM	24	m	1	-	-	-	-	2.88 (1.70- 4.89)	
*HOLE	6	m	1	-	-	-	-	2.29 (0.48- 11.04)	
*KINLEN	13	m	2	-	-	-	-	6.51 (2.95- 14.35)	
*KNEKT	28	m	1	-	-	-	-	6.10 (2.10- 18.20)	
KREUZE	9	m	0	0	6	6	54	0.64~(0.03- 12.82)	
KREUZE	11	m	0	26	15	23	403	30.37 (14.18- 65.06)	
KREUZE	10	f	0	0	1	6	38	1.97~(0.07- 53.89)	
KREUZE	12	f	0	3	0	95	177	13.01~(0.67- 254.52)	
Subtotal KREUZE								20.75 (10.30- 41.79)	
LUBIN2	30	m	2	-	-	-	-	4.05 (3.18- 5.16)	
MATOS	1	m	0	1	4	11	110	2.50 (0.26- 24.38)	
*MIGRAN	16	m	2	-	-	-	-	5.45 (1.70- 17.49)	
*TULINI	35	m	3	-	-	-	-	7.57 (4.02- 14.26)	
*TULINI	31	f	3	-	-	-	-	14.70 (6.35- 34.10)	
Subtotal TULINI								9.63 (5.81- 15.96)	
*WALD	3	m	1	-	-	-	-	3.19 (1.07- 9.50)	
WIGLE	29	m	1	-	-	-	-	2.10 (1.05- 4.20)	
WIGLE	5	f	0	1	0	36	439	36.12~(1.45- 902.62)	
Subtotal WIGLE								2.38 (1.21- 4.69)	
WYNDE3	42	m	0	13	64	9	88	1.99 (0.80- 4.93)	
WYNDE7	46	m	0	31	171	64	918	2.60 (1.64- 4.11)	
Partial Totals				297	47735	320	66223		
*prospective study								~ With 0.5 adjustment for zero	

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*BENSHL	10	m	1	0.85	1.99	0.43	0.2326
BROSS	5	m	0	0.97	22.25	2.53	0.0000
*CHOW	13	m	0	2.11	5.16	3.28	0.0000
DARBY	6	m	0	3.79	2.78	17.07	0.0000
DARBY	13	f	0	1.60	2.22	0.18	0.0174
Subtotal DARBY				2.76	5.00	17.25	
*DEKLER	5	m	2	2.21	0.66	0.53	0.0722
*DOLL2	20	m	1	1.76	6.24	1.24	0.0000
*DORN	90	m	1	0.53	34.00	20.74	0.0020
*ENGELA	167	m	1	0.96	4.41	0.56	0.0449
GRAHAM	24	m	1	1.06	13.76	0.89	0.0001
*HOLE	6	m	1	0.83	1.56	0.36	0.3003
*KINLEN	13	m	2	1.87	6.14	1.94	0.0000
*KNEKT	28	m	1	1.81	3.30	0.81	0.0010
KREUZE	9	m	0	-0.44	0.43	1.32	0.7737
KREUZE	11	m	0	3.41	6.62	29.24	0.0000
KREUZE	10	f	0	0.68	0.35	0.14	0.6868
KREUZE	12	f	0	2.57	0.43	0.68	0.0908
Subtotal KREUZE				0.97	7.83	31.38	
LUBIN2	30	m	2	1.40	65.58	0.50	0.0000
MATOS	1	m	0	0.92	0.74	0.12	0.4303
*MIGRAN	16	m	2	1.70	2.83	0.42	0.0044
*TULINI	35	m	3	2.02	9.58	4.87	0.0000
*TULINI	31	f	3	2.69	5.44	10.30	0.0000
Subtotal TULINI				2.09	15.02	15.17	
*WALD	3	m	1	1.16	3.22	0.07	0.0373
WIGLE	29	m	1	0.74	8.00	2.60	0.0359
WIGLE	5	f	0	3.59	0.37	1.92	0.0289
Subtotal WIGLE				1.71	8.37	4.52	
WYNDE3	42	m	0	0.69	4.65	1.82	0.1389
WYNDE7	46	m	0	0.96	18.24	2.31	0.0000

Appendix Table E2 - 2

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)
All Lung Cancer types
 Adjusted

RR data

	N	27
	NS	21
	Wt	230.97
Het	Chi	106.86
Het	df	26
Het	P	***
Fixed	RR	3.71
	RRl	3.26
	RRu	4.22
	P	+++
Random	RR	4.64
	RRl	3.38
	RRu	6.38
	P	+++

Appendix Table E2 - 3

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)
All Lung Cancer types
Adjusted

RR data

N	27							
NS	21							
Wt	230.97							
Het Chi	106.86							
Het df	26							
Het P	***							
Fixed RR	3.71							
RRl	3.26							
RRu	4.22							
P	+++							
Random RR	4.64							
RRl	3.38							
RRu	6.38							
P	+++							
RR Description:Sex(RR)								
	combined	male	female	Total				
N		22	5	27				
NS		21	4	25				
Wt		222.16	8.82	230.97				
Het Chi		93.25	3.45	106.86				
Het df		21	4	26				
Het P		***	N.S.	***				
Fixed RR		3.56	10.64	3.71				
RRl		3.12	5.50	3.26				
RRu		4.06	20.58	4.22				
P		+++	+++	+++				
Random RR		4.27	10.64	4.64				
RRl		3.08	5.50	3.38				
RRu		5.93	20.58	6.38				
P		+++	+++	+++				
Between Chi				10.16				
Between df				1				
Between P				**				
Continent								
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
N	8	1	17		1		27	
NS	7	1	12		1		21	
Wt	106.44	0.74	123.13		0.66		230.97	
Het Chi	15.73	0.00	52.77		0.00		106.86	
Het df	7	0	16		0		26	
Het P	*	N.S.	***		N.S.		***	
Fixed RR	2.40	2.50	5.40		9.10		3.71	
RRl	1.98	0.26	4.53		0.82		3.26	
RRu	2.90	24.38	6.45		101.04		4.22	
P	+++	N.S.	+++		(+)		+++	
Random RR	2.64	2.50	6.33		9.10		4.64	
RRl	1.92	0.26	4.16		0.82		3.38	
RRu	3.63	24.38	9.64		101.04		6.38	
P	+++	N.S.	+++		(+)		+++	
Between Chi							38.37	
Between df							3	
Between P							***	

Appendix Table E2 - 3

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)

		All Lung Cancer types							
		Adjusted							
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
RR data									
	N	1	8	4	4				17
	NS	1	7	1	3				12
	Wt	65.58	26.99	7.83	22.73				123.13
	Het Chi	0.00	15.77	8.18	7.44				52.77
	Het df	0	7	3	3				16
	Het P	N.S.	*	*	(*)				***
	Fixed RR	4.05	5.94	20.75	6.99				5.40
	RRl	3.18	4.07	10.30	4.63				4.53
	RRu	5.16	8.66	41.79	10.54				6.45
	P	+++	+++	+++	+++				+++
	Random RR	4.05	5.73	6.75	6.69				6.33
	RRl	3.18	3.18	0.96	3.42				4.16
	RRu	5.16	10.32	47.32	13.10				9.64
	P	+++	+++	(+)	+++				+++
	Between Chi								21.38
	Between df								3
	Between P								***
		Start year of study							
		<1960	1960-69	1970-79	1980-89	1990+		Total	
	N	3	11	6	2	5		27	
	NS	3	10	5	1	2		21	
	Wt	54.01	66.41	96.97	5.00	8.58		230.97	
	Het Chi	9.11	25.21	7.42	5.95	11.21		106.86	
	Het df	2	10	5	1	4		26	
	Het P	*	**	N.S.	*	*		***	
	Fixed RR	2.24	4.47	3.50	16.69	17.28		3.71	
	RRl	1.72	3.51	2.87	6.95	8.85		3.26	
	RRu	2.93	5.68	4.27	40.09	33.75		4.22	
	P	+++	+++	+++	+++	+++		+++	
	Random RR	2.82	4.95	3.16	15.07	5.61		4.64	
	RRl	1.47	3.24	2.27	1.76	1.05		3.38	
	RRu	5.41	7.55	4.40	129.35	29.98		6.38	
	P	++	+++	+++	+	+		+++	
	Between Chi							47.97	
	Between df							4	
	Between P							***	
		Study type							
		CC	prosp	other	Total				
	N	14	13		27				
	NS	9	12		21				
	Wt	146.43	84.54		230.97				
	Het Chi	61.27	45.50		106.86				
	Het df	13	12		26				
	Het P	***	***		***				
	Fixed RR	3.77	3.61		3.71				
	RRl	3.21	2.92		3.26				
	RRu	4.43	4.47		4.22				
	P	+++	+++		+++				
	Random RR	4.52	4.80		4.64				
	RRl	2.82	2.98		3.38				
	RRu	7.22	7.73		6.38				
	P	+++	+++		+++				
	Between Chi				0.10				
	Between df				1				
	Between P				N.S.				

Appendix Table E2 - 3

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)
 All Lung Cancer types

		Adjusted					Total
		Number of adjustment variables					
		0	1	2	3-5	6-9	10+/ +nk
RR data							
	N	12	9	4	2		27
	NS	8	9	4	1		22
	Wt	64.26	76.48	75.21	15.02		230.97
	Het Chi	59.41	12.66	1.82	1.53		106.86
	Het df	11	8	3	1		26
	Het P	***	N.S.	N.S.	N.S.		***
Fixed	RR	4.26	2.38	4.29	9.63		3.71
	RRl	3.33	1.90	3.42	5.81		3.26
	RRu	5.43	2.98	5.38	15.96		4.22
	P	+++	+++	+++	+++		+++
Random	RR	5.93	2.71	4.29	9.94		4.64
	RRl	2.91	1.95	3.42	5.24		3.38
	RRu	12.09	3.76	5.38	18.84		6.38
	P	+++	+++	+++	+++		+++
Between	Chi						31.44
Between	df						3
Between	P						***

Appendix Table E2 - 4

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STTYP	ADJ	DENOM
BENSHL	10	m	40	64	all	10	all	Eu:UK	1967	prosp	1	nev any
BROSS	5	m	0	0	wh	-	all	NAmer	1960	CC	0	nev any
CHOW	13	m	0	0	wh	0	all	NAmer	1966	prosp	0	nev any
DARBY	6	m	0	0	wh	-	all	Eu:UK	1988	CC	0	nev any
DARBY	13	f	0	0	wh	-	all	Eu:UK	1988	CC	0	nev any
DEKLER	5	m	0	0	all	0	all	Auslia	1961	prosp	2	nev any
DOLL2	20	m	0	0	all	20	all	Eu:UK	1951	prosp	1	nev any
DORN	90	m	35	84	wh	8	all	NAmer	1954	prosp	1	nev any
ENGELA	167	m	0	0	all	12	all	Eu:Sca	1964	prosp	1	nev any
GRAHAM	16	m	0	0	wh	-	all	NAmer	1956	CC	0	nev any
HOLE	13	m	0	0	all	0	all	Eu:UK	1972	prosp	0	nev any
KINLEN	2	m	0	0	all	0	all	Eu:UK	1967	prosp	0	nev any
KNEKT	24	m	20	69	all	21	all	Eu:Sca	1966	prosp	0	nev any
KREUZE	9	m	1	45	all	-	all	Eu:Ger	1990	CC	0	nev any
KREUZE	11	m	55	69	all	-	all	Eu:Ger	1990	CC	0	nev any
KREUZE	10	f	1	45	all	-	all	Eu:Ger	1990	CC	0	nev any
KREUZE	12	f	55	69	all	-	all	Eu:Ger	1990	CC	0	nev any
LUBIN2	29	m	0	0	all	-	all	Eu:mul	1976	CC	0	nev any
MATOS	1	m	0	0	all	-	all	SCAmer	1994	CC	0	nev any
MIGRAN	15	m	0	0	all	0	all	Eu:UK	1964	prosp	0	nev any
TULINI	12	m	0	0	all	0	all	Eu:Sca	1967	prosp	1	nev any
TULINI	8	f	0	0	all	0	all	Eu:Sca	1967	prosp	1	nev any
WALD	1	m	0	0	all	0	all	Eu:UK	1975	prosp	0	nev any
WIGLE	2	m	0	0	all	-	all	NAmer	1971	CC	0	nev any
WIGLE	5	f	0	0	all	-	all	NAmer	1971	CC	0	nev any
WYNDE3	42	m	0	0	all	-	all	NAmer	1966	CC	0	nev any
WYNDE7	46	m	0	0	all	-	all	NAmer	1977	CC	0	nev any

Appendix Table E2 - 5

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)
All Lung Cancer types
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
*BENSHL	10	m	1	-	-	-	-	2.33 (0.58- 9.33)	
BROSS	5	m	0	125	211	38	170	2.65 (1.75- 4.02)	
*CHOW	13	m	0	37	47084	6	62913	8.24 (3.48- 19.52)	
DARBY	6	m	0	57	165	3	384	44.22 (13.65- 143.22)	
DARBY	13	f	0	3	14	23	529	4.93 (1.32- 18.36)	
Subtotal DARBY								16.69 (6.95- 40.09)	
*DEKLER	5	m	2	-	-	-	-	9.10 (0.82- 101.10)	
*DOLL2	20	m	1	-	-	-	-	5.80 (2.65- 12.72)	
*DORN	90	m	1	-	-	-	-	1.70 (1.21- 2.37)	
*ENGELA	167	m	1	-	-	-	-	2.60 (1.02- 6.60)	
GRAHAM	16	m	0	64	398	18	346	3.09 (1.80- 5.32)	
*HOLE	13	m	0	2	141	7	1189	2.41 (0.51- 11.49)	
*KINLEN	2	m	0	47	1367	7	1333	6.55 (2.97- 14.43)	
*KNEKT	24	m	0	7	2822	6	17814	7.36 (2.48- 21.90)	
KREUZE	9	m	0	0	6	6	54	0.64~(0.03- 12.82)	
KREUZE	11	m	0	26	15	23	403	30.37 (14.18- 65.06)	
KREUZE	10	f	0	0	1	6	38	1.97~(0.07- 53.89)	
KREUZE	12	f	0	3	0	95	177	13.01~(0.67- 254.52)	
Subtotal KREUZE								20.75 (10.30- 41.79)	
LUBIN2	29	m	0	142	465	190	2617	4.21 (3.31- 5.34)	
MATOS	1	m	0	1	4	11	110	2.50 (0.26- 24.38)	
*MIGRAN	15	m	0	16	575	4	867	6.03 (2.03- 17.95)	
*TULINI	12	m	1	-	-	-	-	7.92 (4.20- 14.90)	
*TULINI	8	f	1	-	-	-	-	15.70 (6.78- 36.30)	
Subtotal TULINI								10.15 (6.12- 16.83)	
*WALD	1	m	0	6	1309	7	6539	4.28 (1.44- 12.72)	
WIGLE	2	m	0	24	86	15	204	3.80 (1.90- 7.59)	
WIGLE	5	f	0	1	0	36	439	36.12~(1.45- 902.62)	
Subtotal WIGLE								4.19 (2.13- 8.25)	
WYNDE3	42	m	0	13	64	9	88	1.99 (0.80- 4.93)	
WYNDE7	46	m	0	31	171	64	918	2.60 (1.64- 4.11)	
Partial Totals				605	54898	574	97132		
*prospective study								~ With 0.5 adjustment for zero	

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*BENSHL	10	m	1	0.85	1.99	0.53	0.2326
BROSS	5	m	0	0.97	22.25	3.32	0.0000
*CHOW	13	m	0	2.11	5.16	2.89	0.0000
DARBY	6	m	0	3.79	2.78	16.40	0.0000
DARBY	13	f	0	1.60	2.22	0.12	0.0174
Subtotal DARBY				2.66	5.00	16.52	
*DEKLER	5	m	2	2.21	0.66	0.48	0.0722
*DOLL2	20	m	1	1.76	6.24	0.98	0.0000
*DORN	90	m	1	0.53	34.00	23.45	0.0020
*ENGELA	167	m	1	0.96	4.41	0.72	0.0449
GRAHAM	16	m	0	1.13	13.06	0.71	0.0000
*HOLE	13	m	0	0.88	1.57	0.37	0.2698
*KINLEN	2	m	0	1.88	6.15	1.65	0.0000
*KNEKT	24	m	0	2.00	3.24	1.31	0.0003
KREUZE	9	m	0	-0.44	0.43	1.39	0.7737
KREUZE	11	m	0	3.41	6.62	27.88	0.0000
KREUZE	10	f	0	0.68	0.35	0.16	0.6868
KREUZE	12	f	0	2.57	0.43	0.63	0.0908
Subtotal KREUZE				0.78	7.83	30.07	
LUBIN2	29	m	0	1.44	67.39	0.38	0.0000
MATOS	1	m	0	0.92	0.74	0.15	0.4303
*MIGRAN	15	m	0	1.80	3.23	0.61	0.0012
*TULINI	12	m	1	2.07	9.58	4.81	0.0000
*TULINI	8	f	1	2.75	5.46	10.59	0.0000
Subtotal TULINI				2.10	15.04	15.39	
*WALD	1	m	0	1.45	3.24	0.03	0.0088
WIGLE	2	m	0	1.33	8.01	0.01	0.0002
WIGLE	5	f	0	3.59	0.37	1.84	0.0289
Subtotal WIGLE				2.20	8.38	1.84	
WYNDE3	42	m	0	0.69	4.65	2.12	0.1389
WYNDE7	46	m	0	0.96	18.24	3.00	0.0000

Appendix Table E2 - 5

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)
All Lung Cancer types
 Unadjusted

RR data

	N	27
	NS	21
	Wt	232.49
Het	Chi	106.51
Het	df	26
Het	P	***
Fixed	RR	3.90
	RRl	3.43
	RRu	4.44
	P	+++
Random	RR	4.95
	RRl	3.61
	RRu	6.79
	P	+++

Appendix Table E2 - 6

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)
All Lung Cancer types
Unadjusted

RR data

	N	27					
	NS	21					
	Wt	232.49					
	Het Chi	106.51					
	Het df	26					
	Het P	***					
Fixed	RR	3.90					
	RRl	3.43					
	RRu	4.44					
	P	+++					
Random	RR	4.95					
	RRl	3.61					
	RRu	6.79					
	P	+++					
	RR Description:Sex(RR)						
	combined	male	female	Total			
	N	22	5	27			
	NS	21	4	25			
	Wt	223.66	8.84	232.49			
	Het Chi	92.79	3.70	106.51			
	Het df	21	4	26			
	Het P	***	N.S.	***			
Fixed	RR	3.74	11.09	3.90			
	RRl	3.28	5.73	3.43			
	RRu	4.27	21.43	4.44			
	P	+++	+++	+++			
Random	RR	4.57	11.09	4.95			
	RRl	3.30	5.73	3.61			
	RRu	6.33	21.43	6.79			
	P	+++	+++	+++			
Between	Chi			10.02			
Between	df			1			
Between	P			**			
	Continent						
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total
	N	8	1	17	1		27
	NS	7	1	12	1		21
	Wt	105.75	0.74	125.34	0.66		232.49
	Het Chi	17.37	0.00	51.90	0.00		106.51
	Het df	7	0	16	0		26
	Het P	*	N.S.	***	N.S.		***
Fixed	RR	2.53	2.50	5.62	9.10		3.90
	RRl	2.09	0.26	4.71	0.82		3.43
	RRu	3.06	24.38	6.69	101.04		4.44
	P	+++	N.S.	+++	(+)		+++
Random	RR	2.88	2.50	6.67	9.10		4.95
	RRl	2.06	0.26	4.41	0.82		3.61
	RRu	4.04	24.38	10.09	101.04		6.79
	P	+++	N.S.	+++	(+)		+++
Between	Chi						37.24
Between	df						3
Between	P						***

Appendix Table E2 - 6

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)
 All Lung Cancer types

		Number of adjustment variables						Total
		0	1	2	3-5	6-9	10+/ +nk	
RR data	N	20	6	1				27
	NS	15	5	1				21
	Wt	170.15	61.68	0.66				232.49
	Het Chi	63.87	37.82	0.00				106.51
	Het df	19	5	0				26
	Het P	***	***	N.S.				***
Fixed	RR	4.23	3.10	9.10				3.90
	RRl	3.64	2.41	0.82				3.43
	RRu	4.91	3.98	101.04				4.44
	P	+++	+++	(+)				+++
Random	RR	5.07	4.46	9.10				4.95
	RRl	3.57	2.00	0.82				3.61
	RRu	7.21	9.94	101.04				6.79
	P	+++	+++	(+)				+++
Between	Chi							4.83
Between	df							2
Between	P							(*)

Appendix Table E2 - 7

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABELIN	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND
	BARBON	BECHER	BENHAM	BERRIN	BEST	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOFFET	BOUCHA	BOUCOT	BRESLO	BRETT	BROCKM
	BROWN1	BROWN2	BROWN3	BUELL	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CEDERL	CHAN	CHANG	CHATZI	CHEN	CHEN2
	CHEN3	CHIAZZ	CHOI	CHYOU	COMSTO	COOKSO	CORREA	CPSI	CPSII	DAMBER	DAVEYS	DEAN	DEAN2	DEAN3	DESTE2	DESTEF
	DOCKER	DOLL	DORANT	DORGAN	DOSEME	DROSTE	DU	DUNN	EBELIN	ENSTRO	ESAKI	FAN	GAO	GAO2	GARCIA	GARDIN
	GARSHI	GENG	GER	GILLIS	GODLEY	GOLLED	GOODMA	GREGOR	GSELL	GURSEL	HAENSZ	HAMMO2	HAMMON	HANSEN	HEGMAN	HEIN
	HENNEK	HINDS	HIRAOK	HIRAY2	HIRAYA	HITOSU	HOROWI	HORWIT	HU	HU2	HUANG	HUMBLE	ISHIMA	JAHN	JAIN	JARUP
	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW	KAISE2	KAISER	KANELL	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KJUUS	KO
	KOHLME	KOO	KOULUM	KREYBE	KUBIK	LAMTH	LAMWK	LAMWK2	LANGE	LAURIL	LAUSSM	LEI	LEMARC	LETOUR	LEVIN	LIAW
	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4	LIU5	LOMBA2	LOMBAR	LUBIN	LUO	MACLEN	MAGNUS	MARSH	MARSH2	MARTIS
	MASTRA	MATSUD	MCCONN	MCDUFF	MCLAUG	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN	NAM	NOTAN2	NOTANI	NOU
	ODRISC	ORMOS	OSANN	OSANN2	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PEZZOT	PIKE	PISANI	POFFIJ
	POLEDN	PRESKO	QIAO	QIAO2	RACHTA	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS	ROTHSC	SAARIK	SADOWS	SANKAR
	SCHWA2	SCHWAR	SEGI	SEGI2	SEOW	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE
	STOCKS	STOCKW	STUCKE	SUN	SUZUK2	SUZUKI	SVENSS	TANG	TANG2	TAO	TENKAN	TIZZAN	TOKARS	TOUSEY	TSUGAN	TVERDA
	ULMER	VANDER	VEIERO	VUTUC	WAKAI	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	WEIR	WICKLU	WILKIN	WU	WU2
	WUNSCH	WUWILL	WYNDE2	WYNDE4	WYNDE5	WYNDE6	WYNDE8	WYNDER	XIANGZ	XU	XU2	XU3	XU4	YAMAGU	YONG	YUAN
	ZHANG	ZHENG	ZHOU													

Appendix Table E2 - 8

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe and/or Cigars (not cigs)
All Lung Cancer types
 Potentially overlapping studies

REF|	REFGP|	PRINC|	.	OVERLAP/LINK|
LUBIN2	LUBIN2	1		Lubin-combined
BROSS	BYERS1	1		GRAHAM/BROSS/BYERS1
GRAHAM	BYERS1	1		GRAHAM/BROSS/BYERS1
HOLE	TANG2	1		Subset of TANG2
BENSHL	TANG2	1		Subset of TANG2
WALD	TANG2	1		Subset of TANG2
WYNDE7	WYNDE6	2		WYNDE5/6/7/8

Appendix Table E3 -

IESLC - Meta-analysis of Ex Smoking, Pipe and/or Cigars (not cigs)
All Lung Cancer types

This analysis is restricted to results for:

- 1) Ex smokers of pipe and/or cigars (but not cigarettes); and results not by amount smoked
- 2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
 - 4) Followup period (prospective studies): whole study (coded as 0) or longest available
 - 5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
 - 6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
 - 7) For overlapping studies: principal rather than subsidiary studies
- Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E3 - 1

IESLC - Meta-analysis of Ex Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	DENOM
CHOW	14	m	0	0	wh	0	all	NAmr	1966	prosp	0	nev any
DOLL2	42	m	0	0	all	10	all	Eu:UK	1951	prosp	1	nev any
DORN	135	m	35	84	wh	8	all	NAmr	1954	prosp	1	nev any
LUBIN2	40	m	0	0	all	-	all	Eu:mul	1976	CC	2	nev any
MIGRAN	23	m	0	0	all	0	all	Eu:UK	1964	prosp	0	nev any
WIGLE	8	m	0	0	all	-	all	NAmr	1971	CC	0	nev any
WYNDE3	148	m	0	0	all	-	all	NAmr	1966	CC	0	nev any
WYNDE7	50	m	0	0	all	-	all	NAmr	1977	CC	0	nev any

Appendix Table E3 - 2

IESLC - Meta-analysis of Ex Smoking, Pipe and/or Cigars (not cigs)
All Lung Cancer types
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
*CHOW	14	m	0	1	5494	6	62913	1.91	(0.23-	15.85)
*DOLL2	42	m	1	-	-	-	-	3.29	(0.66-	16.28)
*DORN	135	m	1	-	-	-	-	1.46	(0.85-	2.51)
LUBIN2	40	m	2	-	-	-	-	2.37	(1.43-	3.94)
*MIGRAN	23	m	0	1	103	4	867	2.10	(0.24-	18.65)
WIGLE	8	m	0	6	27	15	204	3.02	(1.08-	8.45)
WYNDE3	148	m	0	1	4	9	88	2.44	(0.25-	24.29)
WYNDE7	50	m	0	18	137	64	918	1.88	(1.08-	3.28)
Partial Totals				27	5765	98	64990			
*prospective study										

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*CHOW	14	m	0	0.65	0.86	0.00	0.5495
*DOLL2	42	m	1	1.19	1.50	0.37	0.1453
*DORN	135	m	1	0.38	13.11	1.31	0.1707
LUBIN2	40	m	2	0.86	14.96	0.42	0.0008
*MIGRAN	23	m	0	0.74	0.81	0.00	0.5039
WIGLE	8	m	0	1.11	3.63	0.62	0.0350
WYNDE3	148	m	0	0.89	0.73	0.03	0.4455
WYNDE7	50	m	0	0.63	12.57	0.05	0.0247

RR data

	N	8
	NS	8
	Wt	48.15
	Het Chi	2.80
	Het df	7
	Het P	N.S.
Fixed	RR	2.00
	RRl	1.51
	RRu	2.66
	P	+++
Random	RR	2.00
	RRl	1.51
	RRu	2.66
	P	+++

Appendix Table E3 - 3

IESLC - Meta-analysis of Ex Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Adjusted

RR data

	N	8					
	NS	8					
	Wt	48.15					
	Het Chi	2.80					
	Het df	7					
	Het P	N.S.					
Fixed	RR	2.00					
	RRl	1.51					
	RRu	2.66					
	P	+++					
Random	RR	2.00					
	RRl	1.51					
	RRu	2.66					
	P	+++					
	RR Description:Sex(RR)						
	combined	male	female	Total			
	N	8		8			
	NS	8		8			
	Wt	48.15		48.15			
	Het Chi	2.80		2.80			
	Het df	7		7			
	Het P	N.S.		N.S.			
Fixed	RR	2.00		2.00			
	RRl	1.51		1.51			
	RRu	2.66		2.66			
	P	+++		+++			
Random	RR	2.00		2.00			
	RRl	1.51		1.51			
	RRu	2.66		2.66			
	P	+++		+++			
Between	Chi						
Between	df						
Between	P			N.S.			
	Continent						
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total
	N	5	3				8
	NS	5	3				8
	Wt	30.89	17.26				48.15
	Het Chi	1.65	0.16				2.80
	Het df	4	2				7
	Het P	N.S.	N.S.				N.S.
Fixed	RR	1.80	2.42				2.00
	RRl	1.26	1.51				1.51
	RRu	2.56	3.89				2.66
	P	++	+++				+++
Random	RR	1.80	2.42				2.00
	RRl	1.26	1.51				1.51
	RRu	2.56	3.89				2.66
	P	++	+++				+++
Between	Chi						0.99
Between	df						1
Between	P						N.S.

Appendix Table E3 - 3

IESLC - Meta-analysis of Ex Smoking, Pipe and/or Cigars (not cigs)
All Lung Cancer types

		Country in Europe							
		Adjusted							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
RR data	N	1	2						3
	NS	1	2						3
	Wt	14.96	2.30						17.26
	Het Chi	0.00	0.10						0.16
	Het df	0	1						2
	Het P	N.S.	N.S.						N.S.
	Fixed RR	2.37	2.81						2.42
	RRl	1.43	0.77						1.51
	RRu	3.93	10.24						3.89
	P	+++	N.S.						+++
	Random RR	2.37	2.81						2.42
	RRl	1.43	0.77						1.51
	RRu	3.93	10.24						3.89
	P	+++	N.S.						+++
	Between Chi								0.06
	Between df								1
	Between P								N.S.
		Start year of study							
		<1960	1960-69	1970-79	1980-89	1990+	Total		
	N	2	3	3			8		
	NS	2	3	3			8		
	Wt	14.60	2.39	31.16			48.15		
	Het Chi	0.89	0.02	0.75			2.80		
	Het df	1	2	2			7		
	Het P	N.S.	N.S.	N.S.			N.S.		
	Fixed RR	1.59	2.13	2.22			2.00		
	RRl	0.95	0.60	1.56			1.51		
	RRu	2.65	7.55	3.16			2.66		
	P	(+)	N.S.	+++			+++		
	Random RR	1.59	2.13	2.22			2.00		
	RRl	0.95	0.60	1.56			1.51		
	RRu	2.65	7.55	3.16			2.66		
	P	(+)	N.S.	+++			+++		
	Between Chi						1.14		
	Between df						2		
	Between P						N.S.		
		Study type							
		CC	prosp	other	Total				
	N	4	4		8				
	NS	4	4		8				
	Wt	31.89	16.27		48.15				
	Het Chi	0.75	0.97		2.80				
	Het df	3	3		7				
	Het P	N.S.	N.S.		N.S.				
	Fixed RR	2.23	1.62		2.00				
	RRl	1.57	1.00		1.51				
	RRu	3.15	2.64		2.66				
	P	+++	(+)		+++				
	Random RR	2.23	1.62		2.00				
	RRl	1.57	1.00		1.51				
	RRu	3.15	2.64		2.66				
	P	+++	(+)		+++				
	Between Chi				1.07				
	Between df				1				
	Between P				N.S.				

Appendix Table E3 - 3

IESLC - Meta-analysis of Ex Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types

		Adjusted Number of adjustment variables						
		0	1	2	3-5	6-9	10+/ +nk	Total
RR data								
	N	5	2	1				8
	NS	5	2	1				8
	Wt	18.59	14.60	14.96				48.15
	Het Chi	0.65	0.89	0.00				2.80
	Het df	4	1	0				7
	Het P	N.S.	N.S.	N.S.				N.S.
Fixed	RR	2.10	1.59	2.37				2.00
	RRl	1.33	0.95	1.43				1.51
	RRu	3.31	2.65	3.93				2.66
	P	++	(+)	+++				+++
Random	RR	2.10	1.59	2.37				2.00
	RRl	1.33	0.95	1.43				1.51
	RRu	3.31	2.65	3.93				2.66
	P	++	(+)	+++				+++
Between	Chi							1.26
Between	df							2
Between	P							N.S.

Appendix Table E3 - 4

IESLC - Meta-analysis of Ex Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	DENOM
CHOW	14	m	0	0	wh	0	all	NAmr	1966	prosp	0	nev any
DOLL2	42	m	0	0	all	10	all	Eu:UK	1951	prosp	1	nev any
DORN	135	m	35	84	wh	8	all	NAmr	1954	prosp	1	nev any
LUBIN2	39	m	0	0	all	-	all	Eu:mul	1976	CC	0	nev any
MIGRAN	23	m	0	0	all	0	all	Eu:UK	1964	prosp	0	nev any
WIGLE	8	m	0	0	all	-	all	NAmr	1971	CC	0	nev any
WYNDE3	148	m	0	0	all	-	all	NAmr	1966	CC	0	nev any
WYNDE7	50	m	0	0	all	-	all	NAmr	1977	CC	0	nev any

Appendix Table E3 - 5

IESLC - Meta-analysis of Ex Smoking, Pipe and/or Cigars (not cigs)
All Lung Cancer types
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
*CHOW	14	m	0	1	5494	6	62913	1.91	(0.23-	15.85)
*DOLL2	42	m	1	-	-	-	-	3.29	(0.66-	16.28)
*DORN	135	m	1	-	-	-	-	1.46	(0.85-	2.51)
LUBIN2	39	m	0	19	95	190	2617	2.75	(1.65-	4.61)
*MIGRAN	23	m	0	1	103	4	867	2.10	(0.24-	18.65)
WIGLE	8	m	0	6	27	15	204	3.02	(1.08-	8.45)
WYNDE3	148	m	0	1	4	9	88	2.44	(0.25-	24.29)
WYNDE7	50	m	0	18	137	64	918	1.88	(1.08-	3.28)
Partial Totals				46	5860	288	67607			
*prospective study										

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*CHOW	14	m	0	0.65	0.86	0.01	0.5495
*DOLL2	42	m	1	1.19	1.50	0.31	0.1453
*DORN	135	m	1	0.38	13.11	1.70	0.1707
LUBIN2	39	m	0	1.01	14.53	1.10	0.0001
*MIGRAN	23	m	0	0.74	0.81	0.00	0.5039
WIGLE	8	m	0	1.11	3.63	0.49	0.0350
WYNDE3	148	m	0	0.89	0.73	0.02	0.4455
WYNDE7	50	m	0	0.63	12.57	0.14	0.0247

RR data

	N	8
	NS	8
	Wt	47.73
	Het Chi	3.76
	Het df	7
	Het P	N.S.
Fixed	RR	2.09
	RRl	1.58
	RRu	2.78
	P	+++
Random	RR	2.09
	RRl	1.58
	RRu	2.78
	P	+++

Appendix Table E3 - 6

IESLC - Meta-analysis of Ex Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Unadjusted

RR data

N	8						
NS	8						
Wt	47.73						
Het Chi	3.76						
Het df	7						
Het P	N.S.						
Fixed RR	2.09						
RRl	1.58						
RRu	2.78						
P	+++						
Random RR	2.09						
RRl	1.58						
RRu	2.78						
P	+++						
RR Description:Sex(RR)							
	combined	male	female	Total			
N		8		8			
NS		8		8			
Wt		47.73		47.73			
Het Chi		3.76		3.76			
Het df		7		7			
Het P		N.S.		N.S.			
Fixed RR		2.09		2.09			
RRl		1.58		1.58			
RRu		2.78		2.78			
P		+++		+++			
Random RR		2.09		2.09			
RRl		1.58		1.58			
RRu		2.78		2.78			
P		+++		+++			
Between Chi							
Between df							
Between P				N.S.			
Continent							
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total
N	5		3				8
NS	5		3				8
Wt	30.89		16.84				47.73
Het Chi	1.65		0.11				3.76
Het df	4		2				7
Het P	N.S.		N.S.				N.S.
Fixed RR	1.80		2.76				2.09
RRl	1.26		1.71				1.58
RRu	2.56		4.45				2.78
P	++		+++				+++
Random RR	1.80		2.76				2.09
RRl	1.26		1.71				1.58
RRu	2.56		4.45				2.78
P	++		+++				+++
Between Chi							2.00
Between df							1
Between P							N.S.

Appendix Table E3 - 6

IESLC - Meta-analysis of Ex Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types

		Country in Europe							
		Unadjusted							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
RR data	N	1	2						3
	NS	1	2						3
	Wt	14.53	2.30						16.84
	Het Chi	0.00	0.10						0.11
	Het df	0	1						2
	Het P	N.S.	N.S.						N.S.
	Fixed RR	2.75	2.81						2.76
	RRl	1.65	0.77						1.71
	RRu	4.61	10.24						4.45
	P	+++	N.S.						+++
	Random RR	2.75	2.81						2.76
	RRl	1.65	0.77						1.71
	RRu	4.61	10.24						4.45
	P	+++	N.S.						+++
	Between Chi								0.00
	Between df								1
	Between P								N.S.
		Start year of study							
		<1960	1960-69	1970-79	1980-89	1990+	Total		
	N	2	3	3			8		
	NS	2	3	3			8		
	Wt	14.60	2.39	30.73			47.73		
	Het Chi	0.89	0.02	1.20			3.76		
	Het df	1	2	2			7		
	Het P	N.S.	N.S.	N.S.			N.S.		
	Fixed RR	1.59	2.13	2.38			2.09		
	RRl	0.95	0.60	1.67			1.58		
	RRu	2.65	7.55	3.40			2.78		
	P	(+)	N.S.	+++			+++		
	Random RR	1.59	2.13	2.38			2.09		
	RRl	0.95	0.60	1.67			1.58		
	RRu	2.65	7.55	3.40			2.78		
	P	(+)	N.S.	+++			+++		
	Between Chi						1.64		
	Between df						2		
	Between P						N.S.		
		Study type							
		CC	prosp	other	Total				
	N	4	4		8				
	NS	4	4		8				
	Wt	31.46	16.27		47.73				
	Het Chi	1.20	0.97		3.76				
	Het df	3	3		7				
	Het P	N.S.	N.S.		N.S.				
	Fixed RR	2.39	1.62		2.09				
	RRl	1.68	1.00		1.58				
	RRu	3.38	2.64		2.78				
	P	+++	(+)		+++				
	Random RR	2.39	1.62		2.09				
	RRl	1.68	1.00		1.58				
	RRu	3.38	2.64		2.78				
	P	+++	(+)		+++				
	Between Chi				1.58				
	Between df				1				
	Between P				N.S.				

Appendix Table E3 - 6

IESLC - Meta-analysis of Ex Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types

		Number of adjustment variables						Total
		0	1	2	3-5	6-9	10+/ +nk	
RR data	N	6	2					8
	NS	6	2					8
	Wt	33.13	14.60					47.73
	Het Chi	1.26	0.89					3.76
	Het df	5	1					7
	Het P	N.S.	N.S.					N.S.
	Fixed RR	2.37	1.59					2.09
	RRl	1.68	0.95					1.58
	RRu	3.32	2.65					2.78
	P	+++	(+)					+++
	Random RR	2.37	1.59					2.09
	RRl	1.68	0.95					1.58
	RRu	3.32	2.65					2.78
	P	+++	(+)					+++
	Between Chi							1.61
	Between df							1
	Between P							N.S.

Appendix Table E3 - 7

IESLC - Meta-analysis of Ex Smoking, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABELIN	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND
	BARBON	BECHER	BENHAM	BENSHL	BERRIN	BEST	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOFFET	BOUCHA	BOUCOT	BRESLO	BRETT
	BROCKM	BROSS	BROWN1	BROWN2	BROWN3	BUELL	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CEDERL	CHAN	CHANG	CHATZI
	CHEN	CHEN2	CHEN3	CHIAZZ	CHOI	CHYOU	COMSTO	COOKSO	CORREA	CPSI	CPSII	DAMBER	DARBY	DAVEYS	DEAN	DEAN2
	DEAN3	DEKLER	DESTE2	DESTEF	DOCKER	DOLL	DORANT	DORGAN	DOSEME	DROSTE	DU	DUNN	EBELIN	ENGELA	ENSTRO	ESAKI
	FAN	GAO	GAO2	GARCIA	GARDIN	GARSHI	GENG	GER	GILLIS	GODLEY	GOLLED	GOODMA	GRAHAM	GREGOR	GSELL	GURSEL
	HAENSZ	HAMMO2	HAMMON	HANSEN	HEGMAN	HEIN	HENNEK	HINDS	HIRAOK	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT	HU
	HU2	HUANG	HUMBLE	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW	KAISE2	KAISER	KANELL
	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK	LAMTH
	LAMWK	LAMWK2	LANGE	LAURIL	LAUSSM	LEI	LEMARC	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4
	LIU5	LOMBA2	LOMBAR	LUBIN	LUO	MACLEN	MAGNUS	MARSH	MARSH2	MARTIS	MASTRA	MATOS	MATSUD	MCCONN	MCDUFF	MCLAUG
	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN	NAM	NOTAN2	NOTANI	NOU	ODRISC	ORMOS	OSANN	OSANN2	PARKIN
	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PEZZOT	PIKE	PISANI	POFFIJ	POLEDN	PRESCO	QIAO	QIAO2	RACHTA
	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS	ROTHSC	SAARIK	SADOWS	SANKAR	SCHWA2	SCHWAR	SEGI	SEGI2	SEOW
	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE	STOCKS	STOCKW	STUCKE	SUN	SUZUK2
	SUZUKI	SVENSS	TANG	TANG2	TAO	TENKAN	TIZZAN	TOKARS	TOUSEY	TSUGAN	TULINI	TVERDA	ULMER	VANDER	VEIERO	VUTUC
	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	WEIR	WICKLU	WILKIN	WU	WU2	WUNSCH	WUWILL	WYNDE2
	WYNDE4	WYNDE5	WYNDE6	WYNDE8	WYNDER	XIANGZ	XU	XU2	XU3	XU4	YAMAGU	YONG	YUAN	ZHANG	ZHENG	ZHOU

Appendix Table E3 - 8

IESLC - Meta-analysis of Ex Smoking, Pipe and/or Cigars (not cigs)
All Lung Cancer types
Potentially overlapping studies

REF |	REFGP |	PRINC |	OVERLAP/LINK |
LUBIN2	LUBIN2	1	Lubin-combined
WYNDE7	WYNDE6	2	WYNDE5/6/7/8

Appendix Table E4 -

IESLC - Meta-analysis of Ever Smoking by amount, Pipe and/or Cigars (not cigs)
All Lung Cancer types

This analysis is restricted to results for:

- 1) Ever smokers of pipe and/or cigars (but not cigarettes); and results by amount smoked
Results by amount smoked are grouped under 2 schemes. Each scheme has a set of "key values". An interval is allocated to the category whose key value it includes and intervals which include none or more than one of the key values are excluded. (Open-ended intervals are coded as 99). Amounts are usually coded as cigarette equivalents, defined as shown at the end of Sections -1 and -4.

NC1	key value	maximum range	NC2	key value	maximum range
1	5	1-19	1	1	1-9
2	20	6-44	2	10	2-19
3	45	21+	3	20	11-29
			4	30	21-39
			5	40	31-98
			6	99	41+

- 2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
4) Followup period (prospective studies): whole study (coded as 0) or longest available
5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
7) For overlapping studies: principal rather than subsidiary studies
Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E4 - 1

IESLC - Meta-analysis of Ever Smoking by amount, Pipe and/or Cigars (not cigs)
All Lung Cancer types
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC TYPE	LOC	START	STYP	ADJ	DENOM
WYNDE7	53	m	0	0	all	-	1	4	1	1	all	NAmer	1977	CC	0	nev any
WYNDE7	54	m	0	0	all	-	5	9	0	0	all	NAmer	1977	CC	0	nev any
WYNDE7	55	m	0	0	all	-	10	99	2	0	all	NAmer	1977	CC	0	nev any
REF	NRR						Cigarette equivalent									
WYNDE7	53						1 cigar or 1 pipe = 1 cig									
WYNDE7	54						1 cigar or 1 pipe = 1 cig									
WYNDE7	55						1 cigar or 1 pipe = 1 cig									

Appendix Table E4 - 2

IESLC - Meta-analysis of Ever Smoking by amount, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
WYNDE7	53	m	0	13	151	64	918	1.23	(0.66- 2.30)
WYNDE7	54	m	0	18	94	64	918	2.75	(1.56- 4.83)
WYNDE7	55	m	0	18	63	64	918	4.10	(2.29- 7.33)
Subtotal WYNDE7									
Totals				49	308	192	2754		
*prospective study									

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
WYNDE7	53	m	0	0.21	9.97		0.5052
WYNDE7	54	m	0	1.01	12.06		0.0004
WYNDE7	55	m	0	1.41	11.35		0.0000
Subtotal WYNDE7							

RR data

N	3
NS	1

Appendix Table E4 - 3

IESLC - Meta-analysis of Ever Smoking by amount, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Adjusted

RR data

N	3				
NS	1				
RR Description:Sex(RR)					
	combined	male	female	Total	
N		3		3	
NS		1		1	
Amount smoked (highest and lowest categories)					
	absent	LowK1	HighK99	Total	
N	1	1	1	3	
NS	1	1	1	1	
Wt		9.97	11.35		
Het Chi		0.00	0.00		
Het df		0	0		
Het P		N.S.	N.S.		
Fixed RR		1.23	4.10		
RR1		0.66	2.29		
RRu		2.30	7.33		
P		N.S.	+++		
Random RR		1.23	4.10		
RR1		0.66	2.29		
RRu		2.30	7.33		
P		N.S.	+++		
Amount smoked (broad categories)					
	absent	<10k1	2-98k10	>10k99	Total
N	2	1			3
NS	1	1			1
Wt		9.97			
Het Chi		0.00			
Het df		0			
Het P		N.S.			
Fixed RR		1.23			
RR1		0.66			
RRu		2.30			
P		N.S.			
Random RR		1.23			
RR1		0.66			
RRu		2.30			
P		N.S.			

Appendix Table E4 - 4

IESLC - Meta-analysis of Ever Smoking by amount, Pipe and/or Cigars (not cigs)
All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC TYPE	LOC	START	STYP	ADJ	DENOM
WYNDE7	53	m	0	0	all	-	1	4	1	1	all	NAmer	1977	CC	0	nev any
WYNDE7	54	m	0	0	all	-	5	9	0	0	all	NAmer	1977	CC	0	nev any
WYNDE7	55	m	0	0	all	-	10	99	2	0	all	NAmer	1977	CC	0	nev any
REF	NRR	Cigarette equivalent														
WYNDE7	53	1 cigar or 1 pipe = 1 cig														
WYNDE7	54	1 cigar or 1 pipe = 1 cig														
WYNDE7	55	1 cigar or 1 pipe = 1 cig														

Appendix Table E4 - 5

IESLC - Meta-analysis of Ever Smoking by amount, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
WYNDE7	53	m	0	13	151	64	918	1.23	(0.66- 2.30)
WYNDE7	54	m	0	18	94	64	918	2.75	(1.56- 4.83)
WYNDE7	55	m	0	18	63	64	918	4.10	(2.29- 7.33)
Subtotal WYNDE7									
Totals				49	308	192	2754		

*prospective study

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
WYNDE7	53	m	0	0.21	9.97		0.5052
WYNDE7	54	m	0	1.01	12.06		0.0004
WYNDE7	55	m	0	1.41	11.35		0.0000
Subtotal WYNDE7							

RR data

N	3
NS	1

Appendix Table E4 - 6

IESLC - Meta-analysis of Ever Smoking by amount, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Unadjusted

RR data

N	3				
NS	1				
RR Description:Sex(RR)					
	combined	male	female	Total	
N		3		3	
NS		1		1	
Amount smoked (highest and lowest categories)					
	absent	LowK1	HighK99	Total	
N	1	1	1	3	
NS	1	1	1	1	
	Wt	9.97	11.35		
Het	Chi	0.00	0.00		
Het	df	0	0		
Het	P	N.S.	N.S.		
Fixed	RR	1.23	4.10		
	RR1	0.66	2.29		
	RRu	2.30	7.33		
	P	N.S.	+++		
Random	RR	1.23	4.10		
	RR1	0.66	2.29		
	RRu	2.30	7.33		
	P	N.S.	+++		
Amount smoked (broad categories)					
	absent	<10k1	2-98k10	>10k99	Total
N	2	1			3
NS	1	1			1
	Wt	9.97			
Het	Chi	0.00			
Het	df	0			
Het	P	N.S.			
Fixed	RR	1.23			
	RR1	0.66			
	RRu	2.30			
	P	N.S.			
Random	RR	1.23			
	RR1	0.66			
	RRu	2.30			
	P	N.S.			

Appendix Table E4 - 7

IESLC - Meta-analysis of Ever Smoking by amount, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABELIN	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND
	BARBON	BECHER	BENHAM	BENSHL	BERRIN	BEST	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOFFET	BOUCHA	BOUCOT	BRESLO	BRETT
	BROCKM	BROSS	BROWN1	BROWN2	BROWN3	BUELL	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CEDERL	CHAN	CHANG	CHATZI
	CHEN	CHEN2	CHEN3	CHIAZZ	CHOI	CHOW	CHYOU	COMSTO	COOKSO	CORREA	CPSI	CPSII	DAMBER	DARBY	DAVEYS	DEAN
	DEAN2	DEAN3	DEKLER	DESTE2	DESTEF	DOCKER	DOLL	DOLL2	DORANT	DORGAN	DORN	DOSEME	DROSTE	DU	DUNN	EBELIN
	ENGELA	ENSTRO	ESAKI	FAN	GAO	GAO2	GARCIA	GARDIN	GARSHI	GENG	GER	GILLIS	GODLEY	GOLLED	GOODMA	GRAHAM
	GREGOR	GSELL	GURSEL	HAENSZ	HAMMO2	HAMMON	HANSEN	HEGMAN	HEIN	HENNEK	HINDS	HIRAOK	HIRAY2	HIRAYA	HITOSU	HOLE
	HOROWI	HORWIT	HU	HU2	HUANG	HUMBLE	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW
	KAISE2	KAISER	KANELL	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE
	KREYBE	KUBIK	LAMTH	LAMWK	LAMWK2	LANGE	LAURIL	LAUSSM	LEI	LEMARC	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU
	LIU2	LIU3	LIU4	LIU5	LOMBA2	LOMBAR	LUBIN	LUBIN2	LUO	MACLEN	MAGNUS	MARSH	MARSH2	MARTIS	MASTRA	MATOS
	MATSUD	MCCONN	MCDUFF	MCLAUG	MIGRAN	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN	NAM	NOTAN2	NOTANI	NOU
	ODRISC	ORMOS	OSANN	OSANN2	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PEZZOT	PIKE	PISANI	POFFIJ
	POLEDN	PRESKO	QIAO	QIAO2	RACHTA	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS	ROTHSC	SAARIK	SADOWS	SANKAR
	SCHWA2	SCHWAR	SEGI	SEGI2	SEOW	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE
	STOCKS	STOCKW	STUCKE	SUN	SUZUK2	SUZUKI	SVENSS	TANG	TANG2	TAO	TENKAN	TIZZAN	TOKARS	TOUSEY	TSUGAN	TULINI
	TVERDA	ULMER	VANDER	VEIERO	VUTUC	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	WEIR	WICKLU	WIGLE
	WILKIN	WU	WU2	WUNSCH	WUWILL	WYNDE2	WYNDE3	WYNDE4	WYNDE5	WYNDE6	WYNDE8	WYNDER	XIANGZ	XU	XU2	XU3
	XU4	YAMAGU	YONG	YUAN	ZHANG	ZHENG	ZHOU									

Appendix Table E4 - 8

IESLC - Meta-analysis of Ever Smoking by amount, Pipe and/or Cigars (not cigs)
All Lung Cancer types
Potentially overlapping studies

REF |	REFGP |	PRINC |	.	OVERLAP/LINK |
WYNDE7	WYNDE6		2	WYNDE5/6/7/8

Appendix Table E5 -

IESLC - Meta-analysis of Current Smoking by amount, Pipe and/or Cigars (not cigs)
All Lung Cancer types

This analysis is restricted to results for:

- 1) Current smokers of pipe and/or cigars (but not cigarettes); and results by amount smoked
Results by amount smoked are grouped under 2 schemes. Each scheme has a set of "key values". An interval is allocated to the category whose key value it includes and intervals which include none or more than one of the key values are excluded. (Open-ended intervals are coded as 99). Amounts are usually coded as cigarette equivalents, defined as shown at the end of Sections -1 and -4.

NC1	key value	maximum range	NC2	key value	maximum range
1	5	1-19	1	1	1-9
2	20	6-44	2	10	2-19
3	45	21+	3	20	11-29
			4	30	21-39
			5	40	31-98
			6	99	41+

- 2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
4) Followup period (prospective studies): whole study (coded as 0) or longest available
5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
7) For overlapping studies: principal rather than subsidiary studies
Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E5 - 1

IESLC - Meta-analysis of Current Smoking by amount, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC TYPE	LOC	START	STYP	ADJ	DENOM
DOLL2	34	m	0	0	all	10	1	14	1	0	all	Eu:UK	1951	prosp	1	nev any
DOLL2	35	m	0	0	all	10	15	24	0	0	all	Eu:UK	1951	prosp	1	nev any
DOLL2	36	m	0	0	all	10	25	99	2	3	all	Eu:UK	1951	prosp	1	nev any
WYNDE7	11	m	0	0	all	-	1	4	1	1	all	NAmer	1977	CC	0	nev any
WYNDE7	12	m	0	0	all	-	5	9	0	0	all	NAmer	1977	CC	0	nev any
WYNDE7	13	m	0	0	all	-	10	99	2	0	all	NAmer	1977	CC	0	nev any
REF	NRR						Cigarette equivalent									
DOLL2	34															grams
DOLL2	35															grams
DOLL2	36															grams
WYNDE7	11						1 cigar or 1 pipe = 1 cig									
WYNDE7	12						1 cigar or 1 pipe = 1 cig									
WYNDE7	13						1 cigar or 1 pipe = 1 cig									

Appendix Table E5 - 2

IESLC - Meta-analysis of Current Smoking by amount, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
*DOLL2	34	m	1	-	-	-	-	6.00	(1.69-	21.26)
*DOLL2	35	m	1	-	-	-	-	6.43	(1.61-	25.70)
*DOLL2	36	m	1	-	-	-	-	13.71	(2.77-	67.95)
Subtotal DOLL2										
WYNDE7	11	m	0	5	87	64	918	0.82	(0.32-	2.10)
WYNDE7	12	m	0	12	54	64	918	3.19	(1.62-	6.26)
WYNDE7	13	m	0	14	30	64	918	6.69	(3.38-	13.25)
Subtotal WYNDE7										
Partial Totals				31	171	192	2754			
*prospective study										
REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps			
*DOLL2	34	m	1	1.79	2.40		0.0055			
*DOLL2	35	m	1	1.86	2.00		0.0085			
*DOLL2	36	m	1	2.62	1.50		0.0013			
Subtotal DOLL2										
WYNDE7	11	m	0	-0.19	4.38		0.6860			
WYNDE7	12	m	0	1.16	8.43		0.0008			
WYNDE7	13	m	0	1.90	8.23		0.0000			
Subtotal WYNDE7										

RR data

N	6
NS	2

Appendix Table E5 - 3

IESLC - Meta-analysis of Current Smoking by amount, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Adjusted

RR data

	N	6			
	NS	2			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	6		6	
	NS	2		2	
	Amount smoked (highest and lowest categories)				
	absent	LowK1	HighK99	Total	
	N	2	2	2	6
	NS	2	2	2	6
	Wt	6.78	9.73		
	Het Chi	6.10	0.65		
	Het df	1	1		
	Het P	*	N.S.		
Fixed	RR	1.66	7.48		
	RR1	0.78	3.99		
	RRu	3.53	14.01		
	P	N.S.	+++		
Random	RR	2.12	7.48		
	RR1	0.30	3.99		
	RRu	14.80	14.01		
	P	N.S.	+++		
	Amount smoked (broad categories)				
	absent	<10k1	2-98k10	>10k99	Total
	N	4	1	1	6
	NS	2	1	1	3
	Wt	4.38		1.50	
	Het Chi	0.00		0.00	
	Het df	0		0	
	Het P	N.S.		N.S.	
Fixed	RR	0.82		13.71	
	RR1	0.32		2.77	
	RRu	2.10		67.90	
	P	N.S.		++	
Random	RR	0.82		13.71	
	RR1	0.32		2.77	
	RRu	2.10		67.90	
	P	N.S.		++	

Appendix Table E5 - 4

IESLC - Meta-analysis of Current Smoking by amount, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC TYPE	LOC	START	STYP	ADJ	DENOM
DOLL2	34	m	0	0	all	10	1	14	1	0	all	Eu:UK	1951	prosp	1	nev any
DOLL2	35	m	0	0	all	10	15	24	0	0	all	Eu:UK	1951	prosp	1	nev any
DOLL2	36	m	0	0	all	10	25	99	2	3	all	Eu:UK	1951	prosp	1	nev any
WYNDE7	11	m	0	0	all	-	1	4	1	1	all	NAmer	1977	CC	0	nev any
WYNDE7	12	m	0	0	all	-	5	9	0	0	all	NAmer	1977	CC	0	nev any
WYNDE7	13	m	0	0	all	-	10	99	2	0	all	NAmer	1977	CC	0	nev any
REF	NRR	Cigarette equivalent														
DOLL2	34	grams														
DOLL2	35	grams														
DOLL2	36	grams														
WYNDE7	11	1 cigar or 1 pipe = 1 cig														
WYNDE7	12	1 cigar or 1 pipe = 1 cig														
WYNDE7	13	1 cigar or 1 pipe = 1 cig														

Appendix Table E5 - 5

IESLC - Meta-analysis of Current Smoking by amount, Pipe and/or Cigars (not cigs)
All Lung Cancer types
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
*DOLL2	34	m	1	-	-	-	-	6.00	(1.69- 21.26)
*DOLL2	35	m	1	-	-	-	-	6.43	(1.61- 25.70)
*DOLL2	36	m	1	-	-	-	-	13.71	(2.77- 67.95)
Subtotal DOLL2									
WYNDE7	11	m	0	5	87	64	918	0.82	(0.32- 2.10)
WYNDE7	12	m	0	12	54	64	918	3.19	(1.62- 6.26)
WYNDE7	13	m	0	14	30	64	918	6.69	(3.38- 13.25)
Subtotal WYNDE7									
Partial Totals				31	171	192	2754		
*prospective study									

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*DOLL2	34	m	1	1.79	2.40		0.0055
*DOLL2	35	m	1	1.86	2.00		0.0085
*DOLL2	36	m	1	2.62	1.50		0.0013
Subtotal DOLL2							
WYNDE7	11	m	0	-0.19	4.38		0.6860
WYNDE7	12	m	0	1.16	8.43		0.0008
WYNDE7	13	m	0	1.90	8.23		0.0000
Subtotal WYNDE7							

RR data

N	6
NS	2

Appendix Table E5 - 6

IESLC - Meta-analysis of Current Smoking by amount, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Unadjusted

RR data

	N	6			
	NS	2			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	6		6	
	NS	2		2	
	Amount smoked (highest and lowest categories)				
	absent	LowK1	HighK99	Total	
	N	2	2	2	6
	NS	2	2	2	6
	Wt	6.78	9.73		
	Het Chi	6.10	0.65		
	Het df	1	1		
	Het P	*	N.S.		
Fixed	RR	1.66	7.48		
	RR1	0.78	3.99		
	RRu	3.53	14.01		
	P	N.S.	+++		
Random	RR	2.12	7.48		
	RR1	0.30	3.99		
	RRu	14.80	14.01		
	P	N.S.	+++		
	Amount smoked (broad categories)				
	absent	<10k1	2-98k10	>10k99	Total
	N	4	1	1	6
	NS	2	1	1	3
	Wt	4.38		1.50	
	Het Chi	0.00		0.00	
	Het df	0		0	
	Het P	N.S.		N.S.	
Fixed	RR	0.82		13.71	
	RR1	0.32		2.77	
	RRu	2.10		67.90	
	P	N.S.		++	
Random	RR	0.82		13.71	
	RR1	0.32		2.77	
	RRu	2.10		67.90	
	P	N.S.		++	

Appendix Table E5 - 7

IESLC - Meta-analysis of Current Smoking by amount, Pipe and/or Cigars (not cigs)
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABELIN	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND
	BARBON	BECHER	BENHAM	BENSHL	BERRIN	BEST	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOFFET	BOUCHA	BOUCOT	BRESLO	BRETT
	BROCKM	BROSS	BROWN1	BROWN2	BROWN3	BUELL	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CEDERL	CHAN	CHANG	CHATZI
	CHEN	CHEN2	CHEN3	CHIAZZ	CHOI	CHOW	CHYOU	COMSTO	COOKSO	CORREA	CPSI	CPSII	DAMBER	DARBY	DAVEYS	DEAN
	DEAN2	DEAN3	DEKLER	DESTE2	DESTEF	DOCKER	DOLL	DORANT	DORGAN	DORN	DOSEME	DROSTE	DU	DUNN	EBELIN	ENGELA
	ENSTRO	ESAKI	FAN	GAO	GAO2	GARCIA	GARDIN	GARSHI	GENG	GER	GILLIS	GODLEY	GOLLED	GOODMA	GRAHAM	GREGOR
	GSELL	GURSEL	HAENSZ	HAMMO2	HAMMON	HANSEN	HEGMAN	HEIN	HENNEK	HINDS	HIRAOK	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI
	HORWIT	HU	HU2	HUANG	HUMBLE	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW	KAISE2
	KAISER	KANELL	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE
	KUBIK	LAMTH	LAMWK	LAMWK2	LANGE	LAURIL	LAUSSM	LEI	LEMARC	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2
	LIU3	LIU4	LIU5	LOMBA2	LOMBAR	LUBIN	LUBIN2	LUO	MACLEN	MAGNUS	MARSH	MARSH2	MARTIS	MASTRA	MATOS	MATSUD
	MCCONN	MCDUFF	MCLAUG	MIGRAN	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN	NAM	NOTAN2	NOTANI	NOU	ODRISC
	ORMOS	OSANN	OSANN2	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PEZZOT	PIKE	PISANI	POFFIJ	POLEDN
	PRESKO	QIAO	QIAO2	RACHTA	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS	ROTHSC	SAARIK	SADOWS	SANKAR	SCHWA2
	SCHWAR	SEGI	SEGI2	SEOW	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE	STOCKS
	STOCKW	STUCKE	SUN	SUZUK2	SUZUKI	SVENSS	TANG	TANG2	TAO	TENKAN	TIZZAN	TOKARS	TOUSEY	TSUGAN	TULINI	TVERDA
	ULMER	VANDER	VEIERO	VUTUC	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	WEIR	WICKLU	WIGLE	WILKIN
	WU	WU2	WUNSCH	WUWILL	WYNDE2	WYNDE3	WYNDE4	WYNDE5	WYNDE6	WYNDE8	WYNDER	XIANGZ	XU	XU2	XU3	XU4
	YAMAGU	YONG	YUAN	ZHANG	ZHENG	ZHOU										

Appendix Table E5 - 8

IESLC - Meta-analysis of Current Smoking by amount, Pipe and/or Cigars (not cigs)
All Lung Cancer types
Potentially overlapping studies

REF |	REFGP |	PRINC |	.	OVERLAP/LINK |
WYNDE7	WYNDE6		2	WYNDE5/6/7/8

Appendix Table E6 -

IESLC - Meta-analysis of Ever Smoking, Pipe only
All Lung Cancer types

This analysis is restricted to results for:

- 1) Ever smokers of pipe only; and results not by amount smoked
- 2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
 - 4) Followup period (prospective studies): whole study (coded as 0) or longest available
 - 5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
 - 6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
 - 7) For overlapping studies: principal rather than subsidiary studies
- Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E6 - 1

IESLC - Meta-analysis of Ever Smoking, Pipe only
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	STARTYR	STTYP	ADJ	DENOM
ABELIN	50	m	0	0	all	-	all	Eu:wst	<1960	CC	1	nev any
ARMADA	2	m	0	0	all	-	all	Eu:wst	1980-89	CC	0	nev any
BEST	17	m	0	0	all	0	all	NAmer	<1960	prosp	1	nev any
BOFFET	2	m	0	0	all	-	all	Eu:mul	1980-89	CC	2	nev any
BOUCOT	118	m	0	0	all	0	all	NAmer	<1960	prosp	2	nev any
COOKSO	3	c	0	0	bl	-	all	Africa	1960-69	CC	0	nev any
CPSI	181	m	35	84	all	6	all	NAmer	<1960	prosp	1	nev any
DAMBER	2	m	0	0	all	-	all	Eu:Sca	1970-79	CC	0	nev any
DEAN	5	m	0	0	wh	-	all	Africa	<1960	CC	0	nev any
DOLL	18	m	0	0	all	-	all	Eu:UK	<1960	CC	0	nev any
DORN	34	m	0	0	wh	2	all	NAmer	<1960	prosp	1	nev any
HAMMON	112	m	0	0	wh	0	all	NAmer	<1960	prosp	1	nev any
KOULUM	3	m	0	0	all	-	all	Eu:Sca	<1960	CC	0	nev any
LEVIN	28	m	0	0	all	-	all	NAmer	<1960	CC	1	nev any
LUBIN2	22	m	0	0	all	-	all	Eu:mul	1970-79	CC	2	nev any
MCCONN	17	c	0	0	all	-	all	Eu:UK	<1960	CC	0	nev any
PERNU	9	m	0	0	all	-	all	Eu:Sca	<1960	CC	0	nev+5
PERNU	5	f	0	0	all	-	all	Eu:Sca	<1960	CC	0	nev+5
SADOWS	30	m	0	0	wh	-	all	NAmer	<1960	CC	1	nev any
SCHWA2	4	m	0	0	all	-	all	Eu:wst	<1960	CC	0	nev+2
STOCKS	40	m	0	0	all	-	all	Eu:UK	<1960	CC	2	nev any
TIZZAN	4	m	0	0	all	-	all	Eu:wst	<1960	CC	0	nev any
WYNDE7	41	m	0	0	all	-	all	NAmer	1970-79	CC	0	nev any
XIANGZ	10	m	0	0	all	0	all	As:Chi	1970-79	prosp	2	nev any

Appendix Table E6 - 2

IESLC - Meta-analysis of Ever Smoking, Pipe only
All Lung Cancer types
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
ABELIN	50	m	1	-	-	-	-	23.54	(4.73- 117.28)
ARMADA	2	m	0	1	1	4	64	16.00	(0.84- 305.74)
*BEST	17	m	1	-	-	-	-	4.35	(1.82- 10.41)
BOFFET	2	m	2	-	-	-	-	7.90	(5.30- 11.80)
*BOUCOT	118	m	2	-	-	-	-	9.06	(0.37- 222.47)
COOKSO	3	c	0	5	1	45	61	6.78	(0.77- 60.04)
*CPSI	181	m	1	-	-	-	-	2.54	(1.68- 3.83)
DAMBER	2	m	0	198	142	42	208	6.91	(4.65- 10.25)
DEAN	5	m	0	49	71	12	61	3.51	(1.71- 7.19)
DOLL	18	m	0	53	93	7	61	4.97	(2.12- 11.64)
*DORN	34	m	1	-	-	-	-	1.33	(0.45- 3.95)
*HAMMON	112	m	1	-	-	-	-	3.01	(1.52- 5.97)
KOULUM	3	m	0	15	17	5	54	9.53	(3.02- 30.08)
LEVIN	28	m	1	-	-	-	-	1.30	(0.74- 2.30)
LUBIN2	22	m	2	-	-	-	-	2.67	(1.85- 3.84)
MCCONN	17	c	0	8	7	9	23	2.92	(0.82- 10.44)
PERNU	9	m	0	55	37	97	275	4.21	(2.62- 6.79)
PERNU	5	f	0	1	1	110	971	8.83	(0.55- 142.12)
Subtotal PERNU								4.30	(2.69- 6.89)
SADOWS	30	m	1	-	-	-	-	1.17	(0.36- 3.82)
SCHWA2	4	m	0	9	54	45	229	0.85	(0.39- 1.84)
STOCKS	40	m	2	-	-	-	-	2.61	(1.79- 3.82)
TIZZAN	4	m	0	16	18	180	305	1.51	(0.75- 3.03)
WYNDE7	41	m	0	9	97	64	918	1.33	(0.64- 2.76)
*XIANGZ	10	m	2	-	-	-	-	3.00	(2.02- 4.46)
Partial Totals				419	539	620	3230		
*prospective study									

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
ABELIN	50	m	1	3.16	1.49	5.87	0.0001
ARMADA	2	m	0	2.77	0.44	1.13	0.0655
*BEST	17	m	1	1.47	5.05	0.44	0.0010
BOFFET	2	m	2	2.07	23.99	19.10	0.0000
*BOUCOT	118	m	2	2.20	0.38	0.40	0.1770
COOKSO	3	c	0	1.91	0.81	0.44	0.0855
*CPSI	181	m	1	0.93	22.63	1.33	0.0000
DAMBER	2	m	0	1.93	24.56	14.10	0.0000
DEAN	5	m	0	1.26	7.45	0.05	0.0006
DOLL	18	m	0	1.60	5.29	0.97	0.0002
*DORN	34	m	1	0.29	3.26	2.58	0.6068
*HAMMON	112	m	1	1.10	8.21	0.04	0.0016
KOULUM	3	m	0	2.25	2.91	3.39	0.0001
LEVIN	28	m	1	0.26	11.95	9.94	0.3645
LUBIN2	22	m	2	0.98	28.81	1.07	0.0000
MCCONN	17	c	0	1.07	2.37	0.03	0.0991
PERNU	9	m	0	1.44	16.90	1.18	0.0000
PERNU	5	f	0	2.18	0.50	0.50	0.1245
Subtotal PERNU				1.27	17.40	1.68	
SADOWS	30	m	1	0.16	2.75	2.85	0.7944
SCHWA2	4	m	0	-0.16	6.40	11.48	0.6769
STOCKS	40	m	2	0.96	26.74	1.24	0.0000
TIZZAN	4	m	0	0.41	7.88	4.61	0.2502
WYNDE7	41	m	0	0.29	7.24	5.72	0.4419
*XIANGZ	10	m	2	1.10	24.49	0.14	0.0000

Appendix Table E6 - 2

IESLC - Meta-analysis of Ever Smoking, Pipe only
 All Lung Cancer types
 Adjusted

RR data

	N	24
	NS	23
	Wt	242.50
Het	Chi	88.59
Het	df	23
Het	P	***
Fixed	RR	3.24
	RRl	2.85
	RRu	3.67
	P	+++
Random	RR	3.12
	RRl	2.35
	RRu	4.13
	P	+++

Appendix Table E6 - 3

		IESLC - Meta-analysis of Ever Smoking, Pipe only							
		All Lung Cancer types							
		Adjusted							
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
RR data	N	2	3		4	4			13
	NS	2	3		3	4			12
	Wt	52.80	34.40		44.87	16.21			148.29
	Het Chi	15.40	1.83		3.27	15.71			59.41
	Het df	1	2		3	3			12
	Het P	***	N.S.		N.S.	**			***
	Fixed RR	4.37	2.90		5.87	1.65			3.91
	RRl	3.34	2.08		4.38	1.01			3.33
	RRu	5.72	4.06		7.87	2.68			4.59
	P	+++	+++		+++	+			+++
	Random RR	4.58	2.90		5.87	3.24			3.99
	RRl	1.58	2.08		4.25	0.85			2.63
	RRu	13.25	4.06		8.10	12.28			6.05
	P	++	+++		+++	(+)			+++
	Between Chi								23.20
	Between df								3
	Between P								***
		Start year of study							
		<1960	1960-69	1970-79	1980-89	1990+		Total	
	N	17	1	4	2			24	
	NS	16	1	4	2			23	
	Wt	132.16	0.81	85.11	24.43			242.50	
	Het Chi	41.18	0.00	20.76	0.22			88.59	
	Het df	16	0	3	1			23	
	Het P	***	N.S.	***	N.S.			***	
	Fixed RR	2.63	6.78	3.42	8.00			3.24	
	RRl	2.22	0.77	2.77	5.38			2.85	
	RRu	3.12	60.04	4.23	11.90			3.67	
	P	+++	(+)	+++	+++			+++	
	Random RR	2.75	6.78	3.07	8.00			3.12	
	RRl	2.02	0.77	1.72	5.38			2.35	
	RRu	3.74	60.04	5.49	11.90			4.13	
	P	+++	(+)	+++	+++			+++	
	Between Chi							26.43	
	Between df							3	
	Between P							***	
		Study type							
		CC	prosp	other	Total				
	N	18	6		24				
	NS	17	6		23				
	Wt	178.49	64.01		242.50				
	Het Chi	83.21	3.68		88.59				
	Het df	17	5		23				
	Het P	***	N.S.		***				
	Fixed RR	3.40	2.81		3.24				
	RRl	2.94	2.20		2.85				
	RRu	3.94	3.60		3.67				
	P	+++	+++		+++				
	Random RR	3.26	2.81		3.12				
	RRl	2.25	2.20		2.35				
	RRu	4.73	3.60		4.13				
	P	+++	+++		+++				
	Between Chi				1.70				
	Between df				1				
	Between P				N.S.				

Appendix Table E6 - 3

		IESLC - Meta-analysis of Ever Smoking, Pipe only						
		All Lung Cancer types						
		Adjusted						
		Number of adjustment variables						
		0	1	2	3-5	6-9	10+/ +nk	Total
RR data								
	N	12	7	5				24
	NS	11	7	5				23
	Wt	82.76	55.34	104.41				242.50
	Het Chi	42.48	17.05	21.23				88.59
	Het df	11	6	4				23
	Het P	***	**	***				***
Fixed	RR	3.63	2.33	3.52				3.24
	RRl	2.93	1.79	2.90				2.85
	RRu	4.51	3.03	4.26				3.67
	P	+++	+++	+++				+++
Random	RR	3.34	2.49	3.65				3.12
	RRl	2.05	1.51	2.23				2.35
	RRu	5.46	4.12	5.97				4.13
	P	+++	+++	+++				+++
Between	Chi							7.83
Between	df							2
Between	P							*

Appendix Table E6 - 4

IESLC - Meta-analysis of Ever Smoking, Pipe only
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	STARTYR	STTYP	ADJ	DENOM
ABELIN	7	m	0	0	all	-	all	Eu:wst	<1960	CC	0	nev any
ARMADA	2	m	0	0	all	-	all	Eu:wst	1980-89	CC	0	nev any
BEST	17	m	0	0	all	0	all	NAmer	<1960	prosp	1	nev any
BOFFET	5	m	0	0	all	-	all	Eu:mul	1980-89	CC	0	nev any
BOUCOT	6	m	0	0	all	0	all	NAmer	<1960	prosp	0	nev any
COOKSO	3	c	0	0	bl	-	all	Africa	1960-69	CC	0	nev any
CPSI	181	m	35	84	all	6	all	NAmer	<1960	prosp	1	nev any
DAMBER	2	m	0	0	all	-	all	Eu:Sca	1970-79	CC	0	nev any
DEAN	5	m	0	0	wh	-	all	Africa	<1960	CC	0	nev any
DOLL	18	m	0	0	all	-	all	Eu:UK	<1960	CC	0	nev any
DORN	43	m	0	0	wh	2	all	NAmer	<1960	prosp	0	nev any
HAMMON	124	m	0	0	wh	0	all	NAmer	<1960	prosp	0	nev any
KOULUM	3	m	0	0	all	-	all	Eu:Sca	<1960	CC	0	nev any
LEVIN	28	m	0	0	all	-	all	NAmer	<1960	CC	1	nev any
LUBIN2	21	m	0	0	all	-	all	Eu:mul	1970-79	CC	0	nev any
MCCONN	17	c	0	0	all	-	all	Eu:UK	<1960	CC	0	nev any
PERNU	9	m	0	0	all	-	all	Eu:Sca	<1960	CC	0	nev+5
PERNU	5	f	0	0	all	-	all	Eu:Sca	<1960	CC	0	nev+5
SADOWS	3	m	0	0	wh	-	all	NAmer	<1960	CC	0	nev any
SCHWA2	4	m	0	0	all	-	all	Eu:wst	<1960	CC	0	nev+2
STOCKS	24	m	0	0	all	-	all	Eu:UK	<1960	CC	0	nev any
TIZZAN	4	m	0	0	all	-	all	Eu:wst	<1960	CC	0	nev any
WYNDE7	41	m	0	0	all	-	all	NAmer	1970-79	CC	0	nev any
XIANGZ	3	m	0	0	all	0	all	As:Chi	1970-79	prosp	0	nev any

Appendix Table E6 - 5

IESLC - Meta-analysis of Ever Smoking, Pipe only
All Lung Cancer types
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
ABELIN	7	m	0	8	34	2	183	21.53	(4.38- 105.80)
ARMADA	2	m	0	1	1	4	64	16.00	(0.84- 305.74)
*BEST	17	m	1	-	-	-	-	4.35	(1.82- 10.41)
BOFFET	5	m	0	61	129	117	1750	7.07	(4.95- 10.11)
*BOUCOT	6	m	0	1	2389	0	7551	9.48	(0.39- 232.65)
COOKSO	3	c	0	5	1	45	61	6.78	(0.77- 60.04)
*CPSI	181	m	1	-	-	-	-	2.54	(1.68- 3.83)
DAMBER	2	m	0	198	142	42	208	6.91	(4.65- 10.25)
DEAN	5	m	0	49	71	12	61	3.51	(1.71- 7.19)
DOLL	18	m	0	53	93	7	61	4.97	(2.12- 11.64)
*DORN	43	m	0	4	17780	17	117918	1.56	(0.53- 4.64)
*HAMMON	124	m	0	18	43041	15	115884	3.23	(1.63- 6.41)
KOULUM	3	m	0	15	17	5	54	9.53	(3.02- 30.08)
LEVIN	28	m	1	-	-	-	-	1.30	(0.74- 2.30)
LUBIN2	21	m	0	39	197	190	2617	2.73	(1.88- 3.96)
MCCONN	17	c	0	8	7	9	23	2.92	(0.82- 10.44)
PERNU	9	m	0	55	37	97	275	4.21	(2.62- 6.79)
PERNU	5	f	0	1	1	110	971	8.83	(0.55- 142.12)
Subtotal	PERNU							4.30	(2.69- 6.89)
SADOWS	3	m	0	13	43	18	81	1.36	(0.61- 3.04)
SCHWA2	4	m	0	9	54	45	229	0.85	(0.39- 1.84)
STOCKS	24	m	0	211	994	45	638	3.01	(2.15- 4.21)
TIZZAN	4	m	0	16	18	180	305	1.51	(0.75- 3.03)
WYNDE7	41	m	0	9	97	64	918	1.33	(0.64- 2.76)
*XIANGZ	3	m	0	356	1483	25	974	9.35	(6.29- 13.92)
Partial Totals				1130	66629	1049	250826		
*prospective study									~ With 0.5 adjustment for zero
REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps		
ABELIN	7	m	0	3.07	1.52	4.74	0.0002		
ARMADA	2	m	0	2.77	0.44	0.96	0.0655		
*BEST	17	m	1	1.47	5.05	0.14	0.0010		
BOFFET	5	m	0	1.96	30.06	12.90	0.0000		
*BOUCOT	6	m	0	2.25	0.38	0.34	0.1683		
COOKSO	3	c	0	1.91	0.81	0.30	0.0855		
*CPSI	181	m	1	0.93	22.63	3.08	0.0000		
DAMBER	2	m	0	1.93	24.56	9.79	0.0000		
DEAN	5	m	0	1.26	7.45	0.02	0.0006		
DOLL	18	m	0	1.60	5.29	0.48	0.0002		
*DORN	43	m	0	0.44	3.24	2.37	0.4232		
*HAMMON	124	m	0	1.17	8.18	0.13	0.0008		
KOULUM	3	m	0	2.25	2.91	2.64	0.0001		
LEVIN	28	m	1	0.26	11.95	12.89	0.3645		
LUBIN2	21	m	0	1.00	27.50	2.44	0.0000		
MCCONN	17	c	0	1.07	2.37	0.12	0.0991		
PERNU	9	m	0	1.44	16.90	0.32	0.0000		
PERNU	5	f	0	2.18	0.50	0.38	0.1245		
Subtotal	PERNU			1.01	17.40	0.70			
SADOWS	3	m	0	0.31	5.95	5.87	0.4527		
SCHWA2	4	m	0	-0.16	6.40	13.75	0.6769		
STOCKS	24	m	0	1.10	33.86	1.35	0.0000		
TIZZAN	4	m	0	0.41	7.88	6.26	0.2502		
WYNDE7	41	m	0	0.29	7.24	7.46	0.4419		
*XIANGZ	3	m	0	2.24	24.33	21.24	0.0000		

Appendix Table E6 - 5

IESLC - Meta-analysis of Ever Smoking, Pipe only
 All Lung Cancer types
 Unadjusted

RR data

	N	24
	NS	23
	Wt	257.39
Het	Chi	110.00
Het	df	23
Het	P	***
Fixed	RR	3.67
	RRl	3.25
	RRu	4.15
	P	+++
Random	RR	3.38
	RRl	2.49
	RRu	4.58
	P	+++

Appendix Table E6 - 6

		IESLC - Meta-analysis of Ever Smoking, Pipe only							
		All Lung Cancer types							
		Unadjusted							
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
RR data	N	2	3		4	4			13
	NS	2	3		3	4			12
	Wt	57.56	41.52		44.87	16.24			160.20
	Het Chi	13.05	1.17		3.27	15.18			54.96
	Het df	1	2		3	3			12
	Het P	***	N.S.		N.S.	**			***
	Fixed RR	4.49	3.20		5.87	1.64			4.00
	RRl	3.46	2.36		4.38	1.01			3.43
	RRu	5.81	4.34		7.87	2.67			4.67
	P	+++	+++		+++	+			+++
	Random RR	4.40	3.20		5.87	3.15			3.97
	RRl	1.73	2.36		4.25	0.85			2.69
	RRu	11.19	4.34		8.10	11.65			5.87
	P	++	+++		+++	(+)			+++
	Between Chi								22.29
	Between df								3
	Between P								***
		Start year of study							
		<1960	1960-69	1970-79	1980-89	1990+		Total	
	N	17	1	4	2			24	
	NS	16	1	4	2			23	
	Wt	142.45	0.81	83.63	30.50			257.39	
	Het Chi	41.60	0.00	34.78	0.29			110.00	
	Het df	16	0	3	1			23	
	Het P	***	N.S.	***	N.S.			***	
	Fixed RR	2.71	6.78	4.82	7.16			3.67	
	RRl	2.30	0.77	3.89	5.02			3.25	
	RRu	3.19	60.04	5.97	10.21			4.15	
	P	+++	(+)	+++	+++			+++	
	Random RR	2.79	6.78	4.07	7.16			3.38	
	RRl	2.06	0.77	1.91	5.02			2.49	
	RRu	3.77	60.04	8.66	10.21			4.58	
	P	+++	(+)	+++	+++			+++	
	Between Chi							33.33	
	Between df							3	
	Between P							***	
		Study type							
		CC	prosp	other	Total				
	N	18	6		24				
	NS	17	6		23				
	Wt	193.59	63.80		257.39				
	Het Chi	81.97	25.14		110.00				
	Het df	17	5		23				
	Het P	***	***		***				
	Fixed RR	3.46	4.42		3.67				
	RRl	3.00	3.46		3.25				
	RRu	3.98	5.65		4.15				
	P	+++	+++		+++				
	Random RR	3.24	3.83		3.38				
	RRl	2.27	1.99		2.49				
	RRu	4.61	7.35		4.58				
	P	+++	+++		+++				
	Between Chi				2.89				
	Between df				1				
	Between P				(*)				

Appendix Table E6 - 6

		IESLC - Meta-analysis of Ever Smoking, Pipe only						
		All Lung Cancer types						
		Unadjusted						
		Number of adjustment variables						
		0	1	2	3-5	6-9	10+/ +nk	Total
RR data								
	N	21	3					24
	NS	20	3					23
	Wt	217.77	39.63					257.39
	Het Chi	92.06	6.12					110.00
	Het df	20	2					23
	Het P	***	*					***
Fixed	RR	4.03	2.22					3.67
	RRl	3.52	1.63					3.25
	RRu	4.60	3.03					4.15
	P	+++	+++					+++
Random	RR	3.61	2.29					3.38
	RRl	2.60	1.26					2.49
	RRu	5.02	4.17					4.58
	P	+++	++					+++
Between	Chi							11.82
Between	df							1
Between	P							***

Appendix Table E6 - 7

IESLC - Meta-analysis of Ever Smoking, Pipe only
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND	BARBON	BECHER
	BENSHL	BERRIN	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOUCHA	BRESLO	BRETT	BROCKM	BROSS	BROWN1	BROWN2	BROWN3	BUELL
	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CEDERL	CHAN	CHANG	CHATZI	CHEN	CHEN2	CHEN3	CHIAZZ	CHOI	CHOW
	CHYOU	COMSTO	CORREA	CPSII	DARBY	DAVEYS	DEAN2	DEAN3	DEKLER	DESTE2	DESTEF	DOCKER	DORANT	DORGAN	DOSEME	DROSTE
	DU	DUNN	EBELIN	ENGELA	ENSTRO	ESAKI	FAN	GAO	GAO2	GARCIA	GARDIN	GARSHI	GENG	GER	GILLIS	GODLEY
	GOLLED	GOODMA	GRAHAM	GREGOR	GSELL	GURSEL	HAENSZ	HAMMO2	HANSEN	HEGMAN	HEIN	HENNEK	HINDS	HIRAOK	HIRAY2	HIRAYA
	HITOSU	HOLE	HOROWI	HORWIT	HU	HU2	HUANG	HUMBLE	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY
	JONES	JUSSAW	KAISE2	KAISER	KANELL	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO
	KREUZE	KREYBE	KUBIK	LAMTH	LAMWK	LAMWK2	LANGE	LAURIL	LAUSSM	LEI	LEMARC	LETOUR	LIAW	LICKIN	LIDDEL	LIU
	LIU2	LIU3	LIU4	LIU5	LOMBA2	LOMBAR	LUO	MACLEN	MAGNUS	MARSH	MARSH2	MARTIS	MASTRA	MATOS	MATSUD	MCDUFF
	MCLAUG	MIGRAN	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN	NAM	NOTAN2	NOTANI	NOU	ODRISC	ORMOS	OSANN
	OSANN2	PARKIN	PASTOR	PAWLEG	PERSH2	PERSHA	PETO	PEZZO2	PEZZOT	PIKE	PISANI	POFFIJ	POLEDN	PRESCO	QIAO2	RACHTA
	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS	ROTHSC	SAARIK	SANKAR	SCHWAR	SEGI	SEGI2	SEOW	SHAW	SHIMIZ
	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE	STOCKW	STUCKE	SUN	SUZUK2	SUZUKI	SVENSS	TANG
	TANG2	TAO	TENKAN	TOKARS	TOUSEY	TSUGAN	TULINI	TVERDA	ULMER	VANDER	VEIERO	VUTUC	WAKAI	WALD	WANG	WANG2
	WANG3	WANG4	WARSIN	WATSON	WEIR	WICKLU	WIGLE	WILKIN	WU	WU2	WUNSCH	WUWILL	WYNDE2	WYNDE3	WYNDE4	WYNDE5
	WYNDE6	WYNDE8	WYNDER	XU	XU2	XU3	XU4	YAMAGU	YONG	YUAN	ZHANG	ZHENG	ZHOU			
2	DOLL2															
7	BENHAM	LUBIN	QIAO													

Appendix Table E6 - 8

IESLC - Meta-analysis of Ever Smoking, Pipe only
 All Lung Cancer types
 Potentially overlapping studies

REF	REFGP	PRINC	OVERLAP/LINK
LUBIN2	LUBIN2	1	Lubin-combined
WYNDE7	WYNDE6	2	WYNDE5/6/7/8
CPSI	CPSI	1	CPSI overall
BOFFET	BOFFET	1	BOFFET-combined
XIANGZ	XIANGZ	1	LUBIN/XIANGZ/QIAO

Adjusted - insufficient data for metaanalysis

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC	TYPE	LOC	STARTYR	STTYP	ADJ	DENOM	RR	SIG
DOLL2	49	m	35	99	all	5	all		Eu:UK	<1960	prosp	1	nev any	5.43	

Unadjusted - insufficient data for metaanalysis

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC	TYPE	LOC	STARTYR	STTYP	ADJ	DENOM	RR	SIG
DOLL2	49	m	35	99	all	5	all		Eu:UK	<1960	prosp	1	nev any	5.43	

Appendix Table E7 -

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe only
All Lung Cancer types

This analysis is restricted to results for:

- 1) Current smokers of pipe only; and results not by amount smoked
- 2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
 - 4) Followup period (prospective studies): whole study (coded as 0) or longest available
 - 5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
 - 6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
 - 7) For overlapping studies: principal rather than subsidiary studies
- Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E7 - 1

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe only
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	STARTYR	STTYP	ADJ	DENOM
BENSHL	2	m	0	0	all	0	all	Eu:UK	1960-69	prosp	1	nev any
BOFFET	24	m	0	0	all	-	all	Eu:mul	1980-89	CC	2	nev any
CEDERL	84	m	0	0	all	16	all	Eu:Sca	1960-69	prosp	2	nev any
DAMBER	18	m	0	0	all	-	all	Eu:Sca	1970-79	CC	1	nev any
DEAN3	178	m	0	0	all	-	all	Eu:UK	1960-69	CC	1	nev any
DORN	23	m	0	0	wh	15	all	NAmer	<1960	prosp	2	nev any
GARDIN	3	c	0	0	all	-	all	Eu:UK	1980-89	CC	0	nev any
HEIN	3	m	0	0	all	0	all	Eu:Sca	1970-79	prosp	0	nev any
LANGE	18	m	0	0	all	0	all	Eu:Sca	1970-79	prosp	1	nev any
LUBIN2	6	m	0	0	all	-	all	Eu:mul	1970-79	CC	2	nev any
TULINI	25	m	0	0	all	0	all	Eu:Sca	1960-69	prosp	3	nev any
WYNDE7	3	m	0	0	all	-	all	NAmer	1970-79	CC	0	nev any

Appendix Table E7 - 2

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe only
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	ADJ	Numbers		Non-exposed		RR	95.00%CI	
				Exposed Case	Cont	Case	Cont			
*BENSHL	2	m	1	-	-	-	-	4.52	(2.22-	9.19)
BOFFET	24	m	2	-	-	-	-	12.50	(7.70-	20.20)
*CEDERL	84	m	2	-	-	-	-	7.20	(4.45-	11.66)
DAMBER	18	m	1	-	-	-	-	8.30	(5.30-	13.10)
DEAN3	178	m	1	-	-	-	-	2.15	(1.17-	3.94)
*DORN	23	m	2	-	-	-	-	2.14	(1.46-	3.13)
GARDIN	3	c	0	3	2	5	41	12.30	(1.64-	92.33)
*HEIN	3	m	0	10	499	1	457	9.16	(1.18-	71.26)
*LANGE	18	m	1	-	-	-	-	4.10	(1.40-	13.00)
LUBIN2	6	m	2	-	-	-	-	5.85	(4.52-	7.58)
*TULINI	25	m	3	-	-	-	-	10.20	(5.38-	19.50)
WYNDE7	3	m	0	7	54	64	918	1.86	(0.81-	4.25)
Partial Totals				20	555	70	1416			

*prospective study

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*BENSHL	2	m	1	1.51	7.61	0.19	0.0000
BOFFET	24	m	2	2.53	16.52	12.25	0.0000
*CEDERL	84	m	2	1.97	16.56	1.59	0.0000
DAMBER	18	m	1	2.12	18.77	3.83	0.0000
DEAN3	178	m	1	0.77	10.42	8.42	0.0135
*DORN	23	m	2	0.76	26.42	21.58	0.0001
GARDIN	3	c	0	2.51	0.95	0.68	0.0147
*HEIN	3	m	0	2.21	0.91	0.28	0.0344
*LANGE	18	m	1	1.41	3.09	0.20	0.0131
LUBIN2	6	m	2	1.77	57.49	0.60	0.0000
*TULINI	25	m	3	2.32	9.27	4.01	0.0000
WYNDE7	3	m	0	0.62	5.62	6.12	0.1416

RR data

	N	12
	NS	12
	Wt	173.62
Het	Chi	59.74
Het	df	11
Het	P	***
Fixed	RR	5.28
	RRl	4.55
	RRu	6.13
	P	+++
Random	RR	5.20
	RRl	3.50
	RRu	7.73
	P	+++

Appendix Table E7 - 3

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe only
All Lung Cancer types
Adjusted

RR data

N	12							
NS	12							
Wt	173.62							
Het Chi	59.74							
Het df	11							
Het P	***							
Fixed RR	5.28							
RRl	4.55							
RRu	6.13							
P	+++							
Random RR	5.20							
RRl	3.50							
RRu	7.73							
P	+++							
RR Description:Sex(RR)								
	combined	male	female	Total				
N	1	11		12				
NS	1	11		12				
Wt	0.95	172.68		173.62				
Het Chi	0.00	59.06		59.74				
Het df	0	10		11				
Het P	N.S.	***		***				
Fixed RR	12.30	5.26		5.28				
RRl	1.64	4.53		4.55				
RRu	92.33	6.10		6.13				
P	+	+++		+++				
Random RR	12.30	5.07		5.20				
RRl	1.64	3.39		3.50				
RRu	92.33	7.59		7.73				
P	+	+++		+++				
Between Chi				0.68				
Between df				1				
Between P				N.S.				
Continent								
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
N	2		10				12	
NS	2		10				12	
Wt	32.04		141.59				173.62	
Het Chi	0.09		25.79				59.74	
Het df	1		9				11	
Het P	N.S.		**				***	
Fixed RR	2.09		6.52				5.28	
RRl	1.48		5.53				4.55	
RRu	2.95		7.68				6.13	
P	+++		+++				+++	
Random RR	2.09		6.49				5.20	
RRl	1.48		4.66				3.50	
RRu	2.95		9.03				7.73	
P	+++		+++				+++	
Between Chi							33.86	
Between df							1	
Between P							***	

Appendix Table E7 - 3

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe only
All Lung Cancer types

		Country in Europe						Total		
		multi	UK	Germany	Scand	othWest	East	Balkans	Total	
RR data										
	N	2	3		5				10	
	NS	2	3		5				10	
	Wt	74.01	18.98		48.60				141.59	
Het	Chi	7.40	4.26		2.14				25.79	
Het	df	1	2		4				9	
Het	P	**	N.S.		N.S.				**	
Fixed	RR	6.93	3.16		7.88				6.52	
	RRl	5.52	2.01		5.95				5.53	
	RRu	8.70	4.95		10.44				7.68	
	P	+++	+++		+++				+++	
Random	RR	8.31	3.59		7.88				6.49	
	RRl	3.96	1.69		5.95				4.66	
	RRu	17.46	7.64		10.44				9.03	
	P	+++	+++		+++				+++	
Between	Chi								11.99	
Between	df								2	
Between	P								**	
		Start year of study					Total			
		<1960	1960-69	1970-79	1980-89	1990+				
	N	1	4	5	2				12	
	NS	1	4	5	2				12	
	Wt	26.42	43.86	85.87	17.46				173.62	
Het	Chi	0.00	14.20	10.24	0.00				59.74	
Het	df	0	3	4	1				11	
Het	P	N.S.	**	*	N.S.				***	
Fixed	RR	2.14	5.36	5.81	12.49				5.28	
	RRl	1.46	3.99	4.70	7.81				4.55	
	RRu	3.13	7.21	7.18	19.96				6.13	
	P	+++	+++	+++	+++				+++	
Random	RR	2.14	5.19	5.15	12.49				5.20	
	RRl	1.46	2.69	3.21	7.81				3.50	
	RRu	3.13	10.02	8.27	19.96				7.73	
	P	+++	+++	+++	+++				+++	
Between	Chi								35.30	
Between	df								3	
Between	P								***	
		Study type				Total				
		CC	prosp	other						
	N	6	6						12	
	NS	6	6						12	
	Wt	109.76	63.87						173.62	
Het	Chi	30.08	24.71						59.74	
Het	df	5	5						11	
Het	P	***	***						***	
Fixed	RR	6.01	4.23						5.28	
	RRl	4.98	3.31						4.55	
	RRu	7.25	5.41						6.13	
	P	+++	+++						+++	
Random	RR	5.33	5.11						5.20	
	RRl	3.07	2.74						3.50	
	RRu	9.25	9.53						7.73	
	P	+++	+++						+++	
Between	Chi								4.94	
Between	df								1	
Between	P								*	

Appendix Table E7 - 3

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe only
 All Lung Cancer types

		Adjusted Number of adjustment variables						
		0	1	2	3-5	6-9	10+/ +nk	Total
RR data								
	N	3	4	4	1			12
	NS	3	4	4	1			12
	Wt	7.47	39.90	116.99	9.27			173.62
	Het Chi	4.29	12.43	36.00	0.00			59.74
	Het df	2	3	3	0			11
	Het P	N.S.	**	***	N.S.			***
Fixed	RR	2.87	4.92	5.34	10.20			5.28
	RRl	1.40	3.60	4.46	5.36			4.55
	RRu	5.88	6.70	6.41	19.42			6.13
	P	++	+++	+++	+++			+++
Random	RR	4.48	4.36	5.73	10.20			5.20
	RRl	1.18	2.20	2.93	5.36			3.50
	RRu	17.02	8.63	11.18	19.42			7.73
	P	+	+++	+++	+++			+++
Between	Chi							7.02
Between	df							3
Between	P							(*)

Appendix Table E7 - 4

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe only
All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	STARTYR	STTYP	ADJ	DENOM
BENSHL	2	m	0	0	all	0	all	Eu:UK	1960-69	prosp	1	nev any
BOFFET	24	m	0	0	all	-	all	Eu:mul	1980-89	CC	2	nev any
CEDERL	84	m	0	0	all	16	all	Eu:Sca	1960-69	prosp	2	nev any
DAMBER	18	m	0	0	all	-	all	Eu:Sca	1970-79	CC	1	nev any
DEAN3	177	m	0	0	all	-	all	Eu:UK	1960-69	CC	0	nev any
DORN	23	m	0	0	wh	15	all	NAmer	<1960	prosp	2	nev any
GARDIN	3	c	0	0	all	-	all	Eu:UK	1980-89	CC	0	nev any
HEIN	3	m	0	0	all	0	all	Eu:Sca	1970-79	prosp	0	nev any
LANGE	9	m	0	0	all	0	all	Eu:Sca	1970-79	prosp	0	nev any
LUBIN2	5	m	0	0	all	-	all	Eu:mul	1970-79	CC	0	nev any
TULINI	2	m	0	0	all	0	all	Eu:Sca	1960-69	prosp	1	nev any
WYNDE7	3	m	0	0	all	-	all	NAmer	1970-79	CC	0	nev any

Appendix Table E7 - 5

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe only
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
*BENSHL	2	m	1	-	-	-	-	4.52	(2.22-	9.19)
BOFFET	24	m	2	-	-	-	-	12.50	(7.70-	20.20)
*CEDERL	84	m	2	-	-	-	-	7.20	(4.45-	11.66)
DAMBER	18	m	1	-	-	-	-	8.30	(5.30-	13.10)
DEAN3	177	m	0	23	116	24	510	4.21	(2.30-	7.73)
*DORN	23	m	2	-	-	-	-	2.14	(1.46-	3.13)
GARDIN	3	c	0	3	2	5	41	12.30	(1.64-	92.33)
*HEIN	3	m	0	10	499	1	457	9.16	(1.18-	71.26)
*LANGE	9	m	0	16	433	5	721	5.33	(1.97-	14.44)
LUBIN2	5	m	0	68	232	190	2617	4.04	(2.97-	5.49)
*TULINI	2	m	1	-	-	-	-	11.10	(5.86-	21.20)
WYNDE7	3	m	0	7	54	64	918	1.86	(0.81-	4.25)
Partial Totals				127	1336	289	5264			

*prospective study

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*BENSHL	2	m	1	1.51	7.61	0.08	0.0000
BOFFET	24	m	2	2.53	16.52	13.77	0.0000
*CEDERL	84	m	2	1.97	16.56	2.16	0.0000
DAMBER	18	m	1	2.12	18.77	4.76	0.0000
DEAN3	177	m	0	1.44	10.45	0.32	0.0000
*DORN	23	m	2	0.76	26.42	19.18	0.0001
GARDIN	3	c	0	2.51	0.95	0.76	0.0147
*HEIN	3	m	0	2.21	0.91	0.33	0.0344
*LANGE	9	m	0	1.67	3.86	0.01	0.0010
LUBIN2	5	m	0	1.40	40.55	1.91	0.0000
*TULINI	2	m	1	2.41	9.29	5.86	0.0000
WYNDE7	3	m	0	0.62	5.62	5.53	0.1416

RR data

	N	12
	NS	12
	Wt	157.51
Het	Chi	54.68
Het	df	11
Het	P	***
Fixed	RR	5.02
	RRl	4.29
	RRu	5.86
	P	+++
Random	RR	5.44
	RRl	3.69
	RRu	8.02
	P	+++

Appendix Table E7 - 6

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe only
 All Lung Cancer types
 Unadjusted

RR data

	N	12						
	NS	12						
	Wt	157.51						
Het	Chi	54.68						
Het	df	11						
Het	P	***						
Fixed	RR	5.02						
	RRl	4.29						
	RRu	5.86						
	P	+++						
Random	RR	5.44						
	RRl	3.69						
	RRu	8.02						
	P	+++						
	RR Description:Sex(RR)							
	combined	male	female	Total				
	N	1	11	12				
	NS	1	11	12				
	Wt	0.95	156.56	157.51				
Het	Chi	0.00	53.91	54.68				
Het	df	0	10	11				
Het	P	N.S.	***	***				
Fixed	RR	12.30	4.99	5.02				
	RRl	1.64	4.27	4.29				
	RRu	92.33	5.84	5.86				
	P	+	+++	+++				
Random	RR	12.30	5.31	5.44				
	RRl	1.64	3.58	3.69				
	RRu	92.33	7.89	8.02				
	P	+	+++	+++				
Between	Chi			0.76				
Between	df			1				
Between	P			N.S.				
	Continent							
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
	N	2	10					12
	NS	2	10					12
	Wt	32.04	125.47					157.51
Het	Chi	0.09	23.68					54.68
Het	df	1	9					11
Het	P	N.S.	**					***
Fixed	RR	2.09	6.28					5.02
	RRl	1.48	5.27					4.29
	RRu	2.95	7.48					5.86
	P	+++	+++					+++
Random	RR	2.09	6.76					5.44
	RRl	1.48	4.89					3.69
	RRu	2.95	9.33					8.02
	P	+++	+++					+++
Between	Chi							30.91
Between	df							1
Between	P							***

Appendix Table E7 - 6

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe only
 All Lung Cancer types

		Country in Europe						Total		
		multi	UK	Germany	Scand	othWest	East	Balkans	Total	
RR data										
	N	2	3		5				10	
	NS	2	3		5				10	
	Wt	57.07	19.01		49.40				125.47	
Het	Chi	14.99	1.00		1.85				23.68	
Het	df	1	2		4				9	
Het	P	***	N.S.		N.S.				**	
Fixed	RR	5.60	4.57		8.09				6.28	
	RRl	4.32	2.91		6.12				5.27	
	RRu	7.26	7.16		10.69				7.48	
	P	+++	+++		+++				+++	
Random	RR	6.99	4.57		8.09				6.76	
	RRl	2.31	2.91		6.12				4.89	
	RRu	21.16	7.16		10.69				9.33	
	P	+++	+++		+++				+++	
Between	Chi								5.84	
Between	df								2	
Between	P								(*)	
		Start year of study								
		<1960	1960-69	1970-79	1980-89	1990+		Total		
	N	1	4	5	2			12		
	NS	1	4	5	2			12		
	Wt	26.42	43.91	69.71	17.46			157.51		
Het	Chi	0.00	5.80	12.30	0.00			54.68		
Het	df	0	3	4	1			11		
Het	P	N.S.	N.S.	*	N.S.			***		
Fixed	RR	2.14	6.41	4.73	12.49			5.02		
	RRl	1.46	4.77	3.74	7.81			4.29		
	RRu	3.13	8.61	5.98	19.96			5.86		
	P	+++	+++	+++	+++			+++		
Random	RR	2.14	6.33	4.67	12.49			5.44		
	RRl	1.46	4.16	2.75	7.81			3.69		
	RRu	3.13	9.62	7.92	19.96			8.02		
	P	+++	+++	+++	+++			+++		
Between	Chi							36.58		
Between	df							3		
Between	P							***		
		Study type								
		CC	prosp	other	Total					
	N	6	6		12					
	NS	6	6		12					
	Wt	92.84	64.67		157.51					
Het	Chi	26.14	26.33		54.68					
Het	df	5	5		11					
Het	P	***	***		***					
Fixed	RR	5.54	4.35		5.02					
	RRl	4.52	3.41		4.29					
	RRu	6.79	5.56		5.86					
	P	+++	+++		+++					
Random	RR	5.55	5.39		5.44					
	RRl	3.26	2.86		3.69					
	RRu	9.47	10.16		8.02					
	P	+++	+++		+++					
Between	Chi				2.20					
Between	df				1					
Between	P				N.S.					

Appendix Table E7 - 6

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe only
 All Lung Cancer types

		Number of adjustment variables						Total
		0	1	2	3-5	6-9	10+/ +nk	
RR data	N	6	3	3				12
	NS	6	3	3				12
	Wt	62.33	35.67	59.50				157.51
	Het Chi	5.46	3.50	35.07				54.68
	Het df	5	2	2				11
	Het P	N.S.	N.S.	***				***
	Fixed RR	3.97	7.86	4.90				5.02
	RRl	3.10	5.66	3.80				4.29
	RRu	5.09	10.92	6.31				5.86
	P	+++	+++	+++				+++
	Random RR	3.96	7.71	5.73				5.44
	RRl	2.97	4.91	1.95				3.69
	RRu	5.29	12.11	16.86				8.02
	P	+++	+++	++				+++
	Between Chi							10.65
Between df							2	
Between P							**	

Appendix Table E7 - 7

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe only
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABELIN	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND
	BARBON	BECHER	BENHAM	BERRIN	BEST	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOUCHA	BOUCOT	BRESLO	BRETT	BROCKM	BROSS
	BROWN1	BROWN2	BROWN3	BUELL	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CHAN	CHANG	CHATZI	CHEN	CHEN2	CHEN3
	CHIAZZ	CHOI	CHOW	CHYOU	COMSTO	COOKSO	CORREA	CPSI	CPSII	DARBY	DAVEYS	DEAN	DEAN2	DEKLER	DESTE2	DESTEF
	DOCKER	DOLL	DOLL2	DORANT	DORGAN	DOSEME	DROSTE	DU	DUNN	EBELIN	ENGELA	ENSTRO	ESAKI	FAN	GAO	GAO2
	GARCIA	GARSHI	GENG	GER	GILLIS	GODLEY	GOLLED	GOODMA	GRAHAM	GREGOR	GSELL	GURSEL	HAENSZ	HAMMO2	HAMMON	HANSEN
	HEGMAN	HENNEK	HINDS	HIRAKO	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT	HU	HU2	HUANG	HUMBLE	ISHIMA	JAHN	JAIN
	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW	KAISE2	KAISER	KANELL	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN
	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK	LAMTH	LAMWK	LAMWK2	LAURIL	LAUSSM	LEI	LEMARC
	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4	LIU5	LOMBA2	LOMBAR	LUBIN	LUO	MACLEN	MAGNUS
	MARSH	MARSH2	MARTIS	MASTRA	MATOS	MATSUD	MCCONN	MCDUFF	MCLAUG	MIGRAN	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA
	MZILEN	NAM	NOTAN2	NOTANI	NOU	ODRISC	ORMOS	OSANN	OSANN2	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO
	PEZZO2	PEZZOT	PIKE	PISANI	POFFIJ	POLEDN	PRESKO	QIAO	QIAO2	RACHTA	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO
	ROOTS	ROTHSC	SAARIK	SADOWS	SANKAR	SCHWA2	SCHWAR	SEGI	SEGI2	SEOW	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE
	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE	STOCKS	STOCKW	STUCKE	SUN	SUZUK2	SUZUKI	SVENSS	TANG	TANG2	TAO	TENKAN
	TIZZAN	TOKARS	TOUSEY	TSUGAN	ULMER	VANDER	VEIERO	VUTUC	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON
	WEIR	WICKLU	WIGLE	WILKIN	WU	WU2	WUNSCH	WUWILL	WYNDE2	WYNDE3	WYNDE4	WYNDE5	WYNDE6	WYNDE8	WYNDER	XIANGZ
	XU	XU2	XU3	XU4	YAMAGU	YONG	YUAN	ZHANG	ZHENG	ZHOU						
3	HIRAY2	TVERDA														

Appendix Table E7 - 8

IESLC - Meta-analysis of Current Smoking (vs never smoking), Pipe only
All Lung Cancer types
 Potentially overlapping studies

REF |	REFGP |	PRINC |	OVERLAP/LINK |
LUBIN2	LUBIN2	1	Lubin-combined
HEIN	PRESO	1	Subset of PRESO
LANGE	PRESO	1	Subset of PRESO
BENSHL	TANG2	1	Subset of TANG2
WYNDE7	WYNDE6	2	WYNDE5/6/7/8
BOFFET	BOFFET	1	BOFFET-combined

Appendix Table E8 -

IESLC - Meta-analysis of Ex Smoking, Pipe only
All Lung Cancer types

This analysis is restricted to results for:

- 1) Ex smokers of pipe only; and results not by amount smoked
- 2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
 - 4) Followup period (prospective studies): whole study (coded as 0) or longest available
 - 5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
 - 6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
 - 7) For overlapping studies: principal rather than subsidiary studies
- Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E8 - 1

IESLC - Meta-analysis of Ex Smoking, Pipe only
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	STARTYR	STTYP	ADJ	DENOM
BOFFET	34	m	0	0	all	-	all	Eu:mul	1980-89	CC	2	nev any
DAMBER	19	m	0	0	all	-	all	Eu:Sca	1970-79	CC	1	nev any
DORN	140	m	35	84	wh	8	all	NAmer	<1960	prosp	1	nev any
LUBIN2	14	m	0	0	all	-	all	Eu:mul	1970-79	CC	2	nev any
WYNDE7	8	m	0	0	all	-	all	NAmer	1970-79	CC	0	nev any

Appendix Table E8 - 2

IESLC - Meta-analysis of Ex Smoking, Pipe only
All Lung Cancer types
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
BOFFET	34	m	2	-	-	-	-	4.32	(2.48-	7.53)
DAMBER	19	m	1	-	-	-	-	4.78	(2.82-	8.10)
*DORN	140	m	1	-	-	-	-	2.26	(1.04-	4.91)
LUBIN2	14	m	2	-	-	-	-	1.54	(0.60-	4.50)
WYNDE7	8	m	0	2	43	64	918	0.67	(0.16-	2.82)
Partial Totals				2	43	64	918			
*prospective study										

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
BOFFET	34	m	2	1.46	12.46	0.87	0.0000
DAMBER	19	m	1	1.56	13.80	1.84	0.0000
*DORN	140	m	1	0.82	6.38	0.94	0.0395
LUBIN2	14	m	2	0.43	3.78	2.23	0.4009
WYNDE7	8	m	0	-0.40	1.85	4.77	0.5818

RR data

	N	5
	NS	5
	Wt	38.27
Het	Chi	10.64
Het	df	4
Het	P	*
Fixed	RR	3.32
	RRl	2.42
	RRu	4.55
	P	+++
Random	RR	2.69
	RRl	1.53
	RRu	4.72
	P	+++

Appendix Table E8 - 3

IESLC - Meta-analysis of Ex Smoking, Pipe only
All Lung Cancer types
Adjusted

RR data

	N	5					
	NS	5					
	Wt	38.27					
Het	Chi	10.64					
Het	df	4					
Het	P	*					
Fixed	RR	3.32					
	RRl	2.42					
	RRu	4.55					
	P	+++					
Random	RR	2.69					
	RRl	1.53					
	RRu	4.72					
	P	+++					
	RR Description:Sex(RR)						
	combined	male	female	Total			
	N	5		5			
	NS	5		5			
	Wt	38.27		38.27			
Het	Chi	10.64		10.64			
Het	df	4		4			
Het	P	*		*			
Fixed	RR	3.32		3.32			
	RRl	2.42		2.42			
	RRu	4.55		4.55			
	P	+++		+++			
Random	RR	2.69		2.69			
	RRl	1.53		1.53			
	RRu	4.72		4.72			
	P	+++		+++			
Between	Chi						
Between	df						
Between	P			N.S.			
	Continent						
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total
	N	2	3				5
	NS	2	3				5
	Wt	8.23	30.04				38.27
Het	Chi	2.14	3.96				10.64
Het	df	1	2				4
Het	P	N.S.	N.S.				*
Fixed	RR	1.72	3.97				3.32
	RRl	0.87	2.78				2.42
	RRu	3.40	5.68				4.55
	P	N.S.	+++				+++
Random	RR	1.44	3.67				2.69
	RRl	0.45	2.15				1.53
	RRu	4.56	6.25				4.72
	P	N.S.	+++				+++
Between	Chi						4.55
Between	df						1
Between	P						*

Appendix Table E8 - 3

IESLC - Meta-analysis of Ex Smoking, Pipe only
All Lung Cancer types
Adjusted

		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
RR data									
	N	2			1				3
	NS	2			1				3
	Wt	16.24			13.80				30.04
	Het Chi	3.09			0.00				3.96
	Het df	1			0				2
	Het P	(*)			N.S.				N.S.
Fixed	RR	3.40			4.78				3.97
	RRl	2.09			2.82				2.78
	RRu	5.52			8.10				5.68
	P	+++			+++				+++
Random	RR	2.82			4.78				3.67
	RRl	1.04			2.82				2.15
	RRu	7.63			8.10				6.25
	P	+			+++				+++
Between	Chi								0.87
Between	df								1
Between	P								N.S.
Start year of study									
		<1960	1960-69	1970-79	1980-89	1990+	Total		
	N	1		3	1		5		
	NS	1		3	1		5		
	Wt	6.38		19.44	12.46		38.27		
	Het Chi	0.00		8.80	0.00		10.64		
	Het df	0		2	0		4		
	Het P	N.S.		*	N.S.		*		
Fixed	RR	2.26		3.18	4.32		3.32		
	RRl	1.04		2.04	2.48		2.42		
	RRu	4.91		4.96	7.53		4.55		
	P	+		+++	+++		+++		
Random	RR	2.26		1.96	4.32		2.69		
	RRl	1.04		0.62	2.48		1.53		
	RRu	4.91		6.20	7.53		4.72		
	P	+		N.S.	+++		+++		
Between	Chi						1.84		
Between	df						2		
Between	P						N.S.		
Study type									
		CC	prosp	other	Total				
	N	4	1		5				
	NS	4	1		5				
	Wt	31.90	6.38		38.27				
	Het Chi	9.51	0.00		10.64				
	Het df	3	0		4				
	Het P	*	N.S.		*				
Fixed	RR	3.58	2.26		3.32				
	RRl	2.53	1.04		2.42				
	RRu	5.07	4.91		4.55				
	P	+++	+		+++				
Random	RR	2.72	2.26		2.69				
	RRl	1.36	1.04		1.53				
	RRu	5.44	4.91		4.72				
	P	++	+		+++				
Between	Chi				1.13				
Between	df				1				
Between	P				N.S.				

Appendix Table E8 - 3

		IESLC - Meta-analysis of Ex Smoking, Pipe only						
		All Lung Cancer types						
		Adjusted						
		Number of adjustment variables						
		0	1	2	3-5	6-9	10+/ +nk	Total
RR data								
	N	1	2	2				5
	NS	1	2	2				5
	Wt	1.85	20.18	16.24				38.27
	Het Chi	0.00	2.45	3.09				10.64
	Het df	0	1	1				4
	Het P	N.S.	N.S.	(*)				*
Fixed	RR	0.67	3.77	3.40				3.32
	RRl	0.16	2.44	2.09				2.42
	RRu	2.82	5.84	5.52				4.55
	P	N.S.	+++	+++				+++
Random	RR	0.67	3.48	2.82				2.69
	RRl	0.16	1.68	1.04				1.53
	RRu	2.82	7.18	7.63				4.72
	P	N.S.	+++	+				+++
Between	Chi							5.11
Between	df							2
Between	P							(*)

Appendix Table E8 - 4

IESLC - Meta-analysis of Ex Smoking, Pipe only
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	STARTYR	STTYP	ADJ	DENOM
BOFFET	34	m	0	0	all	-	all	Eu:mul	1980-89	CC	2	nev any
DAMBER	19	m	0	0	all	-	all	Eu:Sca	1970-79	CC	1	nev any
DORN	140	m	35	84	wh	8	all	NAmer	<1960	prosp	1	nev any
LUBIN2	13	m	0	0	all	-	all	Eu:mul	1970-79	CC	0	nev any
WYNDE7	8	m	0	0	all	-	all	NAmer	1970-79	CC	0	nev any

Appendix Table E8 - 5

IESLC - Meta-analysis of Ex Smoking, Pipe only
All Lung Cancer types
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
BOFFET	34	m	2	-	-	-	-	4.32	(2.48-	7.53)
DAMBER	19	m	1	-	-	-	-	4.78	(2.82-	8.10)
*DORN	140	m	1	-	-	-	-	2.26	(1.04-	4.91)
LUBIN2	13	m	0	4	32	190	2617	1.72	(0.60-	4.92)
WYNDE7	8	m	0	2	43	64	918	0.67	(0.16-	2.82)
Partial Totals				6	75	254	3535			
*prospective study										

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
BOFFET	34	m	2	1.46	12.46	0.76	0.0000
DAMBER	19	m	1	1.56	13.80	1.68	0.0000
*DORN	140	m	1	0.82	6.38	1.02	0.0395
LUBIN2	13	m	0	0.54	3.49	1.58	0.3104
WYNDE7	8	m	0	-0.40	1.85	4.86	0.5818

RR data

	N	5
	NS	5
	Wt	37.98
Het	Chi	9.90
Het	df	4
Het	P	*
Fixed	RR	3.37
	RRl	2.45
	RRu	4.64
	P	+++
Random	RR	2.77
	RRl	1.61
	RRu	4.79
	P	+++

Appendix Table E8 - 6

IESLC - Meta-analysis of Ex Smoking, Pipe only
All Lung Cancer types
Unadjusted

RR data

	N	5					
	NS	5					
	Wt	37.98					
	Het Chi	9.90					
	Het df	4					
	Het P	*					
Fixed	RR	3.37					
	RRl	2.45					
	RRu	4.64					
	P	+++					
Random	RR	2.77					
	RRl	1.61					
	RRu	4.79					
	P	+++					
	RR Description:Sex(RR)						
	combined	male	female	Total			
	N	5		5			
	NS	5		5			
	Wt	37.98		37.98			
	Het Chi	9.90		9.90			
	Het df	4		4			
	Het P	*		*			
Fixed	RR	3.37		3.37			
	RRl	2.45		2.45			
	RRu	4.64		4.64			
	P	+++		+++			
Random	RR	2.77		2.77			
	RRl	1.61		1.61			
	RRu	4.79		4.79			
	P	+++		+++			
Between	Chi						
Between	df						
Between	P			N.S.			
	Continent						
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total
	N	2	3				5
	NS	2	3				5
	Wt	8.23	29.74				37.98
	Het Chi	2.14	2.98				9.90
	Het df	1	2				4
	Het P	N.S.	N.S.				*
Fixed	RR	1.72	4.06				3.37
	RRl	0.87	2.84				2.45
	RRu	3.40	5.82				4.64
	P	N.S.	+++				+++
Random	RR	1.44	3.89				2.77
	RRl	0.45	2.45				1.61
	RRu	4.56	6.17				4.79
	P	N.S.	+++				+++
Between	Chi						4.79
Between	df						1
Between	P						*

Appendix Table E8 - 6

IESLC - Meta-analysis of Ex Smoking, Pipe only
All Lung Cancer types

		Unadjusted Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
RR data	N	2			1				3
	NS	2			1				3
	Wt	15.94			13.80				29.74
	Het Chi	2.30			0.00				2.98
	Het df	1			0				2
	Het P	N.S.			N.S.				N.S.
	Fixed RR	3.53			4.78				4.06
	RRl	2.16			2.82				2.84
	RRu	5.77			8.10				5.82
	P	+++			+++				+++
	Random RR	3.05			4.78				3.89
	RRl	1.27			2.82				2.45
	RRu	7.31			8.10				6.17
	P	+			+++				+++
	Between Chi								0.68
	Between df								1
	Between P								N.S.
Start year of study									
		<1960	1960-69	1970-79	1980-89	1990+	Total		
	N	1		3	1		5		
	NS	1		3	1		5		
	Wt	6.38		19.14	12.46		37.98		
	Het Chi	0.00		8.10	0.00		9.90		
	Het df	0		2	0		4		
	Het P	N.S.		*	N.S.		*		
	Fixed RR	2.26		3.28	4.32		3.37		
	RRl	1.04		2.10	2.48		2.45		
	RRu	4.91		5.13	7.53		4.64		
	P	+		+++	+++		+++		
	Random RR	2.26		2.05	4.32		2.77		
	RRl	1.04		0.66	2.48		1.61		
	RRu	4.91		6.33	7.53		4.79		
	P	+		N.S.	+++		+++		
	Between Chi						1.80		
	Between df						2		
	Between P						N.S.		
Study type									
		CC	prosp	other	Total				
	N	4	1		5				
	NS	4	1		5				
	Wt	31.60	6.38		37.98				
	Het Chi	8.67	0.00		9.90				
	Het df	3	0		4				
	Het P	*	N.S.		*				
	Fixed RR	3.66	2.26		3.37				
	RRl	2.58	1.04		2.45				
	RRu	5.18	4.91		4.64				
	P	+++	+		+++				
	Random RR	2.84	2.26		2.77				
	RRl	1.45	1.04		1.61				
	RRu	5.54	4.91		4.79				
	P	++	+		+++				
	Between Chi				1.23				
	Between df				1				
	Between P				N.S.				

Appendix Table E8 - 6

		IESLC - Meta-analysis of Ex Smoking, Pipe only						
		All Lung Cancer types						
		Unadjusted						
		Number of adjustment variables						
		0	1	2	3-5	6-9	10+/ +nk	Total
RR data								
	N	2	2	1				5
	NS	2	2	1				5
	Wt	5.34	20.18	12.46				37.98
	Het Chi	1.09	2.45	0.00				9.90
	Het df	1	1	0				4
	Het P	N.S.	N.S.	N.S.				*
	Fixed RR	1.24	3.77	4.32				3.37
	RRl	0.53	2.44	2.48				2.45
	RRu	2.89	5.84	7.53				4.64
	P	N.S.	+++	+++				+++
	Random RR	1.22	3.48	4.32				2.77
	RRl	0.50	1.68	2.48				1.61
	RRu	2.99	7.18	7.53				4.79
	P	N.S.	+++	+++				+++
	Between Chi							6.37
	Between df							2
	Between P							*

Appendix Table E8 - 7

IESLC - Meta-analysis of Ex Smoking, Pipe only
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABELIN	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND
	BARBON	BECHER	BENHAM	BENSHL	BERRIN	BEST	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOUCHA	BOUCOT	BRESLO	BRETT	BROCKM
	BROSS	BROWN1	BROWN2	BROWN3	BUELL	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CEDERL	CHAN	CHANG	CHATZI	CHEN
	CHEN2	CHEN3	CHIAZZ	CHOI	CHOW	CHYOU	COMSTO	COOKSO	CORREA	CPSI	CPSII	DARBY	DAVEYS	DEAN	DEAN2	DEAN3
	DEKLER	DESTE2	DESTEF	DOCKER	DOLL	DOLL2	DORANT	DORGAN	DOSEME	DROSTE	DU	DUNN	EBELIN	ENGELA	ENSTRO	ESAKI
	FAN	GAO	GAO2	GARCIA	GARDIN	GARSHI	GENG	GER	GILLIS	GODLEY	GOLLED	GOODMA	GRAHAM	GREGOR	GSELL	GURSEL
	HAENSZ	HAMMO2	HAMMON	HANSEN	HEGMAN	HEIN	HENNEK	HINDS	HIRAOK	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT	HU
	HU2	HUANG	HUMBLE	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW	KAISE2	KAISER	KANELL
	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK	LAMTH
	LAMWK	LAMWK2	LANGE	LAURIL	LAUSSM	LEI	LEMARC	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4
	LIU5	LOMBA2	LOMBAR	LUBIN	LUO	MACLEN	MAGNUS	MARSH	MARSH2	MARTIS	MASTRA	MATOS	MATSUD	MCCONN	MCDUFF	MCLAUG
	MIGRAN	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN	NAM	NOTAN2	NOTANI	NOU	ODRISC	ORMOS	OSANN	OSANN2
	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PEZZOT	PIKE	PISANI	POFFIJ	POLEDN	PRESKO	QIAO	QIAO2
	RACHTA	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS	ROTHSC	SAARIK	SADOWS	SANKAR	SCHWA2	SCHWAR	SEGI	SEGI2
	SEOW	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE	STOCKS	STOCKW	STUCKE	SUN
	SUZUK2	SUZUKI	SVENSS	TANG	TANG2	TAO	TENKAN	TIZZAN	TOKARS	TOUSEY	TSUGAN	TULINI	TVERDA	ULMER	VANDER	VEIERO
	VUTUC	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	WEIR	WICKLU	WIGLE	WILKIN	WU	WU2	WUNSCH
	WUWILL	WYNDE2	WYNDE3	WYNDE4	WYNDE5	WYNDE6	WYNDE8	WYNDER	XIANGZ	XU	XU2	XU3	XU4	YAMAGU	YONG	YUAN
	ZHANG	ZHENG	ZHOU													

Appendix Table E8 - 8

IESLC - Meta-analysis of Ex Smoking, Pipe only
All Lung Cancer types
Potentially overlapping studies

REF |	REFGP |	PRINC |	OVERLAP/LINK |
LUBIN2	LUBIN2	1	Lubin-combined
WYNDE7	WYNDE6	2	WYNDE5/6/7/8
BOFFET	BOFFET	1	BOFFET-combined

Appendix Table E9 -

IESLC - Meta-analysis of Ever Smoking by amount, Pipe only
All Lung Cancer types

This analysis is restricted to results for:

1) Ever smokers of pipe only; and results by amount smoked

Results by amount smoked are grouped under 2 schemes. Each scheme has a set of "key values". An interval is allocated to the category whose key value it includes and intervals which include none or more than one of the key values are excluded. (Open-ended intervals are coded as 99). Amounts are usually coded as cigarette equivalents, defined as shown at the end of Sections -1 and -4.

NC1	key value	maximum range	NC2	key value	maximum range
1	5	1-19	1	1	1-9
2	20	6-44	2	10	2-19
3	45	21+	3	20	11-29
			4	30	21-39
			5	40	31-98
			6	99	41+

2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
 - 4) Followup period (prospective studies): whole study (coded as 0) or longest available
 - 5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
 - 6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
 - 7) For overlapping studies: principal rather than subsidiary studies
- Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E9 - 1

IESLC - Meta-analysis of Ever Smoking by amount, Pipe only
All Lung Cancer types
Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC TYPE	LOC	START	STYP	ADJ	DENOM
BEST	28	m	0	0	all	0	1	9	1	1	all	NAmer	1955	prosp	1	nev any
BEST	29	m	0	0	all	0	10	20	0	2	all	NAmer	1955	prosp	1	nev any
BEST	30	m	0	0	all	0	21	99	2	3	all	NAmer	1955	prosp	1	nev any
BOFFET	16	m	0	0	all	-	1	3	1	1	all	Eu:mul	1988	CC	2	nev any
BOFFET	17	m	0	0	all	-	4	5	0	0	all	Eu:mul	1988	CC	2	nev any
BOFFET	18	m	0	0	all	-	6	10	0	2	all	Eu:mul	1988	CC	2	nev any
BOFFET	19	m	0	0	all	-	11	99	2	3	all	Eu:mul	1988	CC	2	nev any
DAMBER	20	m	0	0	all	-	1	14	1	0	all	Eu:Sca	1972	CC	1	nev any
DAMBER	21	m	0	0	all	-	15	99	2	3	all	Eu:Sca	1972	CC	1	nev any
DOLL	14	m	0	0	all	-	1	4	1	1	all	Eu:UK	1948	CC	0	nev any
DOLL	15	m	0	0	all	-	5	14	0	2	all	Eu:UK	1948	CC	0	nev any
DOLL	16	m	0	0	all	-	15	24	0	0	all	Eu:UK	1948	CC	0	nev any
DOLL	17	m	0	0	all	-	25	99	2	3	all	Eu:UK	1948	CC	0	nev any
LUBIN2	130	m	0	0	all	-	1	3	1	1	all	Eu:mul	1976	CC	0	nev any
LUBIN2	131	m	0	0	all	-	4	6	0	0	all	Eu:mul	1976	CC	0	nev any
LUBIN2	132	m	0	0	all	-	7	99	2	0	all	Eu:mul	1976	CC	0	nev any
WYNDE7	18	m	0	0	all	-	10	99	2	0	all	NAmer	1977	CC	0	nev any
REF	NRR						Cigarette equivalent									
BEST	28															*
BEST	29															*
BEST	30															*
BOFFET	16															grams
BOFFET	17															grams
BOFFET	18															grams
BOFFET	19															grams
DAMBER	20															grams
DAMBER	21															grams
DOLL	14															*
DOLL	15															*
DOLL	16															*
DOLL	17															*
LUBIN2	130															pipes
LUBIN2	131															pipes
LUBIN2	132															pipes
WYNDE7	18															pipes

Appendix Table E9 - 2

IESLC - Meta-analysis of Ever Smoking by amount, Pipe only
All Lung Cancer types
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
*BEST	28	m	1	-	-	-	-	3.75 (	1.43- 9.85)
*BEST	29	m	1	-	-	-	-	5.56 (	1.87- 16.54)
*BEST	30	m	1	-	-	-	-	4.17 (	0.51- 33.89)
Subtotal BEST									
BOFFET	16	m	2	-	-	-	-	2.20 (	0.50- 10.40)
BOFFET	17	m	2	-	-	-	-	7.90 (	4.30- 14.30)
BOFFET	18	m	2	-	-	-	-	4.80 (	1.90- 12.60)
BOFFET	19	m	2	-	-	-	-	12.40 (	7.20- 21.40)
Subtotal BOFFET									
DAMBER	20	m	1	-	-	-	-	4.70 (	3.10- 7.80)
DAMBER	21	m	1	-	-	-	-	11.20 (	6.90- 18.60)
Subtotal DAMBER									
DOLL	14	m	0	5	14	7	61	3.11 (	0.86- 11.26)
DOLL	15	m	0	35	60	7	61	5.08 (	2.10- 12.33)
DOLL	16	m	0	6	15	7	61	3.49 (	1.02- 11.90)
DOLL	17	m	0	7	4	7	61	15.25 (	3.55- 65.43)
Subtotal DOLL									
LUBIN2	130	m	0	14	49	190	2616	3.93 (	2.13- 7.25)
LUBIN2	131	m	0	13	79	190	2616	2.27 (	1.24- 4.15)
LUBIN2	132	m	0	12	68	190	2616	2.43 (	1.29- 4.57)
Subtotal LUBIN2									
WYNDE7	18	m	0	-	-	-	-	4.80 (	2.40- 9.40)
Partial Totals				92	289	598	8092		
*prospective study									

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*BEST	28	m	1	1.32	4.13		0.0073
*BEST	29	m	1	1.72	3.23		0.0020
*BEST	30	m	1	1.43	0.87		0.1823
Subtotal BEST							
BOFFET	16	m	2	0.79	1.67		0.3085
BOFFET	17	m	2	2.07	10.64		0.0000
BOFFET	18	m	2	1.57	4.29		0.0012
BOFFET	19	m	2	2.52	12.95		0.0000
Subtotal BOFFET							
DAMBER	20	m	1	1.55	18.05		0.0000
DAMBER	21	m	1	2.42	15.63		0.0000
Subtotal DAMBER							
DOLL	14	m	0	1.14	2.32		0.0836
DOLL	15	m	0	1.63	4.89		0.0003
DOLL	16	m	0	1.25	2.55		0.0463
DOLL	17	m	0	2.72	1.81		0.0002
Subtotal DOLL							
LUBIN2	130	m	0	1.37	10.26		0.0000
LUBIN2	131	m	0	0.82	10.50		0.0080
LUBIN2	132	m	0	0.89	9.64		0.0058
Subtotal LUBIN2							
WYNDE7	18	m	0	1.57	8.24		0.0000

RR data

N 17
NS 6

Appendix Table E9 - 3

IESLC - Meta-analysis of Ever Smoking by amount, Pipe only
 All Lung Cancer types
 Adjusted

RR data

	N	17			
	NS	6			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	17		17	
	NS	6		6	
	Amount smoked (highest and lowest categories)				
	absent	LowK1	HighK99	Total	
	N	6	5	6	17
	NS	4	5	6	15
	Wt	36.42	49.15		
	Het Chi	1.21	20.87		
	Het df	4	5		
	Het P	N.S.	***		
Fixed	RR	4.10	7.35		
	RR1	2.96	5.56		
	RRu	5.67	9.72		
	P	+++	+++		
Random	RR	4.10	6.91		
	RR1	2.96	3.65		
	RRu	5.67	13.08		
	P	+++	+++		
	Amount smoked (broad categories)				
	absent	<10k1	2-98k10	>10k99	Total
	N	6	4	3	4
	NS	5	4	3	4
	16				
	Wt	18.37	12.42	31.26	
	Het Chi	0.54	0.04	1.13	
	Het df	3	2	3	
	Het P	N.S.	N.S.	N.S.	
Fixed	RR	3.58	5.10	11.57	
	RR1	2.27	2.92	8.15	
	RRu	5.66	8.90	16.43	
	P	+++	+++	+++	
Random	RR	3.58	5.10	11.57	
	RR1	2.27	2.92	8.15	
	RRu	5.66	8.90	16.43	
	P	+++	+++	+++	

Appendix Table E9 - 4

IESLC - Meta-analysis of Ever Smoking by amount, Pipe only
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC TYPE	LOC	START	STYP	ADJ	DENOM
BEST	28	m	0	0	all	0	1	9	1	1	all	NAmer	1955	prosp	1	nev any
BEST	29	m	0	0	all	0	10	20	0	2	all	NAmer	1955	prosp	1	nev any
BEST	30	m	0	0	all	0	21	99	2	3	all	NAmer	1955	prosp	1	nev any
BOFFET	20	m	0	0	all	-	1	3	1	1	all	Eu:mul	1988	CC	0	nev any
BOFFET	21	m	0	0	all	-	4	5	0	0	all	Eu:mul	1988	CC	0	nev any
BOFFET	22	m	0	0	all	-	6	10	0	2	all	Eu:mul	1988	CC	0	nev any
BOFFET	23	m	0	0	all	-	11	99	2	3	all	Eu:mul	1988	CC	0	nev any
DAMBER	20	m	0	0	all	-	1	14	1	0	all	Eu:Sca	1972	CC	1	nev any
DAMBER	21	m	0	0	all	-	15	99	2	3	all	Eu:Sca	1972	CC	1	nev any
DOLL	14	m	0	0	all	-	1	4	1	1	all	Eu:UK	1948	CC	0	nev any
DOLL	15	m	0	0	all	-	5	14	0	2	all	Eu:UK	1948	CC	0	nev any
DOLL	16	m	0	0	all	-	15	24	0	0	all	Eu:UK	1948	CC	0	nev any
DOLL	17	m	0	0	all	-	25	99	2	3	all	Eu:UK	1948	CC	0	nev any
LUBIN2	130	m	0	0	all	-	1	3	1	1	all	Eu:mul	1976	CC	0	nev any
LUBIN2	131	m	0	0	all	-	4	6	0	0	all	Eu:mul	1976	CC	0	nev any
LUBIN2	132	m	0	0	all	-	7	99	2	0	all	Eu:mul	1976	CC	0	nev any
WYNDE7	18	m	0	0	all	-	10	99	2	0	all	NAmer	1977	CC	0	nev any
REF	NRR						Cigarette equivalent									
BEST	28															*
BEST	29															*
BEST	30															*
BOFFET	20															grams
BOFFET	21															grams
BOFFET	22															grams
BOFFET	23															grams
DAMBER	20															grams
DAMBER	21															grams
DOLL	14															*
DOLL	15															*
DOLL	16															*
DOLL	17															*
LUBIN2	130															pipes
LUBIN2	131															pipes
LUBIN2	132															pipes
WYNDE7	18															pipes

Appendix Table E9 - 5

IESLC - Meta-analysis of Ever Smoking by amount, Pipe only
All Lung Cancer types
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
*BEST	28	m	1	-	-	-	-	3.75 (	1.43- 9.85)
*BEST	29	m	1	-	-	-	-	5.56 (	1.87- 16.54)
*BEST	30	m	1	-	-	-	-	4.17 (	0.51- 33.89)
Subtotal BEST									
BOFFET	20	m	0	2	10	117	1750	2.99 (	0.65- 13.81)
BOFFET	21	m	0	22	54	117	1750	6.09 (	3.59- 10.35)
BOFFET	22	m	0	6	18	117	1750	4.99 (	1.94- 12.80)
BOFFET	23	m	0	31	47	117	1750	9.87 (	6.04- 16.11)
Subtotal BOFFET									
DAMBER	20	m	1	-	-	-	-	4.70 (	3.10- 7.80)
DAMBER	21	m	1	-	-	-	-	11.20 (	6.90- 18.60)
Subtotal DAMBER									
DOLL	14	m	0	5	14	7	61	3.11 (	0.86- 11.26)
DOLL	15	m	0	35	60	7	61	5.08 (	2.10- 12.33)
DOLL	16	m	0	6	15	7	61	3.49 (	1.02- 11.90)
DOLL	17	m	0	7	4	7	61	15.25 (	3.55- 65.43)
Subtotal DOLL									
LUBIN2	130	m	0	14	49	190	2616	3.93 (	2.13- 7.25)
LUBIN2	131	m	0	13	79	190	2616	2.27 (	1.24- 4.15)
LUBIN2	132	m	0	12	68	190	2616	2.43 (	1.29- 4.57)
Subtotal LUBIN2									
WYNDE7	18	m	0	-	-	-	-	4.80 (	2.40- 9.40)
Partial Totals				153	418	1066	15092		

*prospective study

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*BEST	28	m	1	1.32	4.13		0.0073
*BEST	29	m	1	1.72	3.23		0.0020
*BEST	30	m	1	1.43	0.87		0.1823
Subtotal BEST							
BOFFET	20	m	0	1.10	1.64		0.1603
BOFFET	21	m	0	1.81	13.68		0.0000
BOFFET	22	m	0	1.61	4.32		0.0008
BOFFET	23	m	0	2.29	15.96		0.0000
Subtotal BOFFET							
DAMBER	20	m	1	1.55	18.05		0.0000
DAMBER	21	m	1	2.42	15.63		0.0000
Subtotal DAMBER							
DOLL	14	m	0	1.14	2.32		0.0836
DOLL	15	m	0	1.63	4.89		0.0003
DOLL	16	m	0	1.25	2.55		0.0463
DOLL	17	m	0	2.72	1.81		0.0002
Subtotal DOLL							
LUBIN2	130	m	0	1.37	10.26		0.0000
LUBIN2	131	m	0	0.82	10.50		0.0080
LUBIN2	132	m	0	0.89	9.64		0.0058
Subtotal LUBIN2							
WYNDE7	18	m	0	1.57	8.24		0.0000

RR data

N 17
NS 6

Appendix Table E9 - 6

IESLC - Meta-analysis of Ever Smoking by amount, Pipe only
All Lung Cancer types
Unadjusted

RR data

	N	17			
	NS	6			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	17		17	
	NS	6		6	
	Amount smoked (highest and lowest categories)				
	absent	LowK1	HighK99	Total	
	N	6	5	6	17
	NS	4	5	6	15
	Wt	36.40	52.16		
	Het Chi	0.72	18.63		
	Het df	4	5		
	Het P	N.S.	**		
Fixed	RR	4.16	7.06		
	RR1	3.00	5.38		
	RRu	5.75	9.26		
	P	+++	+++		
Random	RR	4.16	6.60		
	RR1	3.00	3.66		
	RRu	5.75	11.90		
	P	+++	+++		
	Amount smoked (broad categories)				
	absent	<10k1	2-98k10	>10k99	Total
	N	6	4	3	4
	NS	5	4	3	4
	16				
	Wt	18.35	12.45	34.27	
	Het Chi	0.18	0.02	1.12	
	Het df	3	2	3	
	Het P	N.S.	N.S.	N.S.	
Fixed	RR	3.69	5.17	10.46	
	RR1	2.33	2.97	7.49	
	RRu	5.83	9.01	14.63	
	P	+++	+++	+++	
Random	RR	3.69	5.17	10.46	
	RR1	2.33	2.97	7.49	
	RRu	5.83	9.01	14.63	
	P	+++	+++	+++	

Appendix Table E9 - 7

IESLC - Meta-analysis of Ever Smoking by amount, Pipe only
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABELIN	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND
	BARBON	BECHER	BENHAM	BENSHL	BERRIN	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOUCHA	BOUCOT	BRESLO	BRETT	BROCKM	BROSS
	BROWN1	BROWN2	BROWN3	BUELL	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CEDERL	CHAN	CHANG	CHATZI	CHEN	CHEN2
	CHEN3	CHIAZZ	CHOI	CHOW	CHYOU	COMSTO	COOKSO	CORREA	CPSI	CPSII	DARBY	DAVEYS	DEAN	DEAN2	DEAN3	DEKLER
	DESTE2	DESTEF	DOCKER	DOLL2	DORANT	DORGAN	DORN	DOSEME	DROSTE	DU	DUNN	EBELIN	ENGELA	ENSTRO	ESAKI	FAN
	GAO	GAO2	GARCIA	GARDIN	GARSHI	GENG	GER	GILLIS	GODLEY	GOLLED	GOODMA	GRAHAM	GREGOR	GSELL	GURSEL	HAENSZ
	HAMMO2	HAMMON	HANSEN	HEGMAN	HEIN	HENNEK	HINDS	HIRAOK	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT	HU	HU2
	HUANG	HUMBLE	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW	KAISE2	KAISER	KANELL	KATSOU
	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK	LAMTH	LAMWK
	LAMWK2	LANGE	LAURIL	LAUSSM	LEI	LEMARC	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4	LIU5
	LOMBA2	LOMBAR	LUBIN	LUO	MACLEN	MAGNUS	MARSH	MARSH2	MARTIS	MASTRA	MATOS	MATSUD	MCCONN	MCDUFF	MCLAUG	MIGRAN
	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN	NAM	NOTAN2	NOTANI	NOU	ODRISC	ORMOS	OSANN	OSANN2	PARKIN
	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PEZZOT	PIKE	PISANI	POFFIJ	POLEDN	PRESCO	QIAO	QIAO2	RACHTA
	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS	ROTHSC	SAARIK	SANKAR	SCHWA2	SCHWAR	SEGI	SEGI2	SEOW	SHAW
	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE	STOCKS	STOCKW	STUCKE	SUN	SUZUK2	SUZUKI
	SVENSS	TANG	TANG2	TAO	TENKAN	TIZZAN	TOKARS	TOUSEY	TSUGAN	TULINI	TVERDA	ULMER	VANDER	VEIERO	VUTUC	WAKAI
	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	WEIR	WICKLU	WIGLE	WILKIN	WU	WU2	WUNSCH	WUWILL	WYNDE2
	WYNDE3	WYNDE4	WYNDE5	WYNDE6	WYNDE8	WYNDER	XIANGZ	XU	XU2	XU3	XU4	YAMAGU	YONG	YUAN	ZHANG	ZHENG
	ZHOU															
2	SADOWS															

Appendix Table E9 - 8

IESLC - Meta-analysis of Ever Smoking by amount, Pipe only
 All Lung Cancer types
 Potentially overlapping studies

REF	REFGP	PRINC	OVERLAP/LINK
LUBIN2	LUBIN2	1	Lubin-combined
WYNDE7	WYNDE6	2	WYNDE5/6/7/8
BOFFET	BOFFET	1	BOFFET-combined

Adjusted - insufficient data for metaanalysis

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC	TYPE	LOC	START	STYP	ADJ	DENOM	RR	SIG
SADOWS	41	m	0	0	wh	-	1	10	1	0		all	NAmer	1938	CC	0	nev any	1.24	
SADOWS	42	m	0	0	wh	-	11	20	0	0		all	NAmer	1938	CC	0	nev any	1.41	
SADOWS	43	m	0	0	wh	-	21	99	2	3		all	NAmer	1938	CC	0	nev any	1.49	

Cigarette equivalent

REF	NRR	qtr can pipe = 10 cigs
SADOWS	41	qtr can pipe = 10 cigs
SADOWS	42	qtr can pipe = 10 cigs
SADOWS	43	qtr can pipe = 10 cigs

Unadjusted - insufficient data for metaanalysis

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC	TYPE	LOC	START	STYP	ADJ	DENOM	RR	SIG
SADOWS	41	m	0	0	wh	-	1	10	1	0		all	NAmer	1938	CC	0	nev any	1.24	
SADOWS	42	m	0	0	wh	-	11	20	0	0		all	NAmer	1938	CC	0	nev any	1.41	
SADOWS	43	m	0	0	wh	-	21	99	2	3		all	NAmer	1938	CC	0	nev any	1.49	

Cigarette equivalent

REF	NRR	qtr can pipe = 10 cigs
SADOWS	41	qtr can pipe = 10 cigs
SADOWS	42	qtr can pipe = 10 cigs
SADOWS	43	qtr can pipe = 10 cigs

Appendix Table E10 -

IESLC - Meta-analysis of Current Smoking by amount, Pipe only
All Lung Cancer types

This analysis is restricted to results for:

1) Current smokers of pipe only; and results by amount smoked

Results by amount smoked are grouped under 2 schemes. Each scheme has a set of "key values". An interval is allocated to the category whose key value it includes and intervals which include none or more than one of the key values are excluded. (Open-ended intervals are coded as 99). Amounts are usually coded as cigarette equivalents, defined as shown at the end of Sections -1 and -4.

NC1	key value	maximum range	NC2	key value	maximum range
1	5	1-19	1	1	1-9
2	20	6-44	2	10	2-19
3	45	21+	3	20	11-29
			4	30	21-39
			5	40	31-98
			6	99	41+

2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
 - 4) Followup period (prospective studies): whole study (coded as 0) or longest available
 - 5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
 - 6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
 - 7) For overlapping studies: principal rather than subsidiary studies
- Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E10 - 1

IESLC - Meta-analysis of Current Smoking by amount, Pipe only
All Lung Cancer types
Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC TYPE	LOC	START	STYP	ADJ	DENOM
CEDERL	61	m	0	0	all	10	1	5	1	1	all	Eu:Sca	1963	prosp	1	nev any
CEDERL	60	m	0	0	all	10	6	99	2	0	all	Eu:Sca	1963	prosp	1	nev any
DEAN3	223	m	0	0	all	-	1	6	1	1	all	Eu:UK	1969	CC	1	nev any
DEAN3	225	m	0	0	all	-	7	10	0	2	all	Eu:UK	1969	CC	1	nev any
DEAN3	227	m	0	0	all	-	11	14	0	0	all	Eu:UK	1969	CC	1	nev any
DEAN3	229	m	0	0	all	-	15	99	2	3	all	Eu:UK	1969	CC	1	nev any
DORN	172	m	35	84	wh	8	1	4	1	1	all	NAmer	1954	prosp	1	nev any
DORN	175	m	35	84	wh	8	5	19	0	2	all	NAmer	1954	prosp	1	nev any
DORN	178	m	35	84	wh	8	20	99	2	3	all	NAmer	1954	prosp	1	nev any
REF	NRR						Cigarette equivalent									
CEDERL	61															grams
CEDERL	60															grams
DEAN3	223															grams
DEAN3	225															grams
DEAN3	227															grams
DEAN3	229															grams
DORN	172															pipes
DORN	175															pipes
DORN	178															pipes

Appendix Table E10 - 2

IESLC - Meta-analysis of Current Smoking by amount, Pipe only
All Lung Cancer types
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
*CEDERL	61	m	1	-	-	-	-	2.90	(0.85-	9.99)
*CEDERL	60	m	1	-	-	-	-	9.09	(3.94-	20.96)
Subtotal CEDERL										
DEAN3	223	m	1	-	-	-	-	3.31	(1.23-	8.93)
DEAN3	225	m	1	-	-	-	-	2.54	(1.22-	5.27)
DEAN3	227	m	1	-	-	-	-	0.59	(0.13-	2.61)
DEAN3	229	m	1	-	-	-	-	2.19	(0.47-	10.23)
Subtotal DEAN3										
*DORN	172	m	1	-	-	-	-	0.82	(0.20-	3.36)
*DORN	175	m	1	-	-	-	-	2.27	(1.23-	4.17)
*DORN	178	m	1	-	-	-	-	2.51	(0.79-	7.94)
Subtotal DORN										
Partial Totals				0	0	0	0			
*prospective study										

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*CEDERL	61	m	1	1.06	2.53		0.0903
*CEDERL	60	m	1	2.21	5.50		0.0000
Subtotal CEDERL							
DEAN3	223	m	1	1.20	3.91		0.0179
DEAN3	225	m	1	0.93	7.18		0.0125
DEAN3	227	m	1	-0.53	1.71		0.4905
DEAN3	229	m	1	0.78	1.62		0.3185
Subtotal DEAN3							
*DORN	172	m	1	-0.20	1.93		0.7828
*DORN	175	m	1	0.82	10.31		0.0085
*DORN	178	m	1	0.92	2.89		0.1180
Subtotal DORN							

RR data

N	9
NS	3

Appendix Table E10 - 3

IESLC - Meta-analysis of Current Smoking by amount, Pipe only
All Lung Cancer types
Adjusted

RR data

	N	9			
	NS	3			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	9		9	
	NS	3		3	
	Amount smoked (highest and lowest categories)				
	absent	LowK1	HighK99	Total	
	N	3	3	3	9
	NS	2	3	3	8
	Wt	8.37	10.01		
	Het Chi	2.71	4.44		
	Het df	2	2		
	Het P	N.S.	N.S.		
Fixed	RR	2.31	4.98		
	RR1	1.17	2.68		
	RRu	4.54	9.26		
	P	+	+++		
Random	RR	2.22	4.19		
	RR1	1.00	1.56		
	RRu	4.94	11.21		
	P	(+)	++		
	Amount smoked (broad categories)				
	absent	<10k1	2-98k10	>10k99	Total
	N	2	3	2	2
	NS	2	3	2	2
	Wt	8.37	17.49	4.50	
	Het Chi	2.71	0.05	0.02	
	Het df	2	1	1	
	Het P	N.S.	N.S.	N.S.	
Fixed	RR	2.31	2.38	2.39	
	RR1	1.17	1.49	0.95	
	RRu	4.54	3.80	6.02	
	P	+	+++	(+)	
Random	RR	2.22	2.38	2.39	
	RR1	1.00	1.49	0.95	
	RRu	4.94	3.80	6.02	
	P	(+)	+++	(+)	

Appendix Table E10 - 4

IESLC - Meta-analysis of Current Smoking by amount, Pipe only
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC TYPE	LOC	START	STYP	ADJ	DENOM
CEDERL	55	m	0	0	all	10	1	5	1	1	all	Eu:Sca	1963	prosp	0	nev any
CEDERL	54	m	0	0	all	10	6	99	2	0	all	Eu:Sca	1963	prosp	0	nev any
DEAN3	222	m	0	0	all	-	1	6	1	1	all	Eu:UK	1969	CC	0	nev any
DEAN3	224	m	0	0	all	-	7	10	0	2	all	Eu:UK	1969	CC	0	nev any
DEAN3	226	m	0	0	all	-	11	14	0	0	all	Eu:UK	1969	CC	0	nev any
DEAN3	228	m	0	0	all	-	15	99	2	3	all	Eu:UK	1969	CC	0	nev any
DORN	172	m	35	84	wh	8	1	4	1	1	all	NAmer	1954	prosp	1	nev any
DORN	175	m	35	84	wh	8	5	19	0	2	all	NAmer	1954	prosp	1	nev any
DORN	178	m	35	84	wh	8	20	99	2	3	all	NAmer	1954	prosp	1	nev any
REF	NRR						Cigarette equivalent									
CEDERL	55															grams
CEDERL	54															grams
DEAN3	222															grams
DEAN3	224															grams
DEAN3	226															grams
DEAN3	228															grams
DORN	172															pipes
DORN	175															pipes
DORN	178															pipes

Appendix Table E10 - 5

IESLC - Meta-analysis of Current Smoking by amount, Pipe only
All Lung Cancer types
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
*CEDERL	55	m	0	4	1057	7	6352	3.43	(1.01-	11.71)
*CEDERL	54	m	0	27	2340	7	6352	10.47	(4.57-	24.01)
Subtotal CEDERL										
DEAN3	222	m	0	6	21	25	511	5.84	(2.17-	15.75)
DEAN3	224	m	0	13	50	25	511	5.31	(2.56-	11.03)
DEAN3	226	m	0	2	31	25	511	1.32	(0.30-	5.82)
DEAN3	228	m	0	2	13	25	511	3.14	(0.67-	14.70)
Subtotal DEAN3										
*DORN	172	m	1	-	-	-	-	0.82	(0.20-	3.36)
*DORN	175	m	1	-	-	-	-	2.27	(1.23-	4.17)
*DORN	178	m	1	-	-	-	-	2.51	(0.79-	7.94)
Subtotal DORN										
Partial Totals				54	3512	114	14748			
*prospective study										

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*CEDERL	55	m	0	1.23	2.55		0.0487
*CEDERL	54	m	0	2.35	5.58		0.0000
Subtotal CEDERL							
DEAN3	222	m	0	1.76	3.90		0.0005
DEAN3	224	m	0	1.67	7.20		0.0000
DEAN3	226	m	0	0.28	1.74		0.7150
DEAN3	228	m	0	1.15	1.62		0.1453
Subtotal DEAN3							
*DORN	172	m	1	-0.20	1.93		0.7828
*DORN	175	m	1	0.82	10.31		0.0085
*DORN	178	m	1	0.92	2.89		0.1180
Subtotal DORN							

RR data

N	9
NS	3

Appendix Table E10 - 6

IESLC - Meta-analysis of Current Smoking by amount, Pipe only
All Lung Cancer types
Unadjusted

RR data

	N	9			
	NS	3			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	9		9	
	NS	3		3	
	Amount smoked (highest and lowest categories)				
	absent	LowK1	HighK99	Total	
	N	3	3	3	9
	NS	2	3	3	8
	Wt	8.39	10.08		
	Het Chi	5.00	4.57		
	Het df	2	2		
	Het P	(*)	N.S.		
Fixed	RR	3.16	5.74		
	RR1	1.61	3.09		
	RRu	6.22	10.64		
	P	+++	+++		
Random	RR	2.78	4.85		
	RR1	0.93	1.79		
	RRu	8.31	13.16		
	P	(+)	++		
	Amount smoked (broad categories)				
	absent	<10k1	2-98k10	>10k99	Total
	N	2	3	2	2
	NS	2	3	2	2
	Wt	8.39	17.51	4.50	
	Het Chi	5.00	3.07	0.05	
	Het df	2	1	1	
	Het P	(*)	(*)	N.S.	
Fixed	RR	3.16	3.22	2.72	
	RR1	1.61	2.02	1.08	
	RRu	6.22	5.14	6.86	
	P	+++	+++	+	
Random	RR	2.78	3.39	2.72	
	RR1	0.93	1.47	1.08	
	RRu	8.31	7.79	6.86	
	P	(+)	++	+	

Appendix Table E10 - 7

IESLC - Meta-analysis of Current Smoking by amount, Pipe only
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABELIN	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND
	BARBON	BECHER	BENHAM	BENSHL	BERRIN	BEST	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOFFET	BOUCHA	BOUCOT	BRESLO	BRETT
	BROCKM	BROSS	BROWN1	BROWN2	BROWN3	BUELL	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CHAN	CHANG	CHATZI	CHEN
	CHEN2	CHEN3	CHIAZZ	CHOI	CHOW	CHYOU	COMSTO	COOKSO	CORREA	CPSI	CPSII	DAMBER	DARBY	DAVEYS	DEAN	DEAN2
	DEKLER	DESTE2	DESTEF	DOCKER	DOLL	DOLL2	DORANT	DORGAN	DOSEME	DROSTE	DU	DUNN	EBELIN	ENGELA	ENSTRO	ESAKI
	FAN	GAO	GAO2	GARCIA	GARDIN	GARSHI	GENG	GER	GILLIS	GODLEY	GOLLED	GOODMA	GRAHAM	GREGOR	GSELL	GURSEL
	HAENSZ	HAMMO2	HAMMON	HANSEN	HEGMAN	HEIN	HENNEK	HINDS	HIRAOK	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT	HU	HU2
	HUANG	HUMBLE	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW	KAISE2	KAISER	KANELL	KATSOU
	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK	LAMTH	LAMWK
	LAMWK2	LANGE	LAURIL	LAUSSM	LEI	LEMARC	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4	LIU5
	LOMBA2	LOMBAR	LUBIN	LUBIN2	LUO	MACLEN	MAGNUS	MARSH	MARSH2	MARTIS	MASTRA	MATOS	MATSUD	MCCONN	MCDUFF	MCLAUG
	MIGRAN	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN	NAM	NOTAN2	NOTANI	NOU	ODRISC	ORMOS	OSANN	OSANN2
	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PEZZOT	PIKE	PISANI	POFFIJ	POLEDN	PRESCO	QIAO	QIAO2
	RACHTA	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS	ROTHSC	SAARIK	SADOWS	SANKAR	SCHWA2	SCHWAR	SEGI	SEGI2
	SEOW	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE	STOCKS	STOCKW	STUCKE	SUN
	SUZUK2	SUZUKI	SVENSS	TANG	TANG2	TAO	TENKAN	TIZZAN	TOKARS	TOUSEY	TSUGAN	TULINI	TVERDA	ULMER	VANDER	VEIERO
	VUTUC	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	WEIR	WICKLU	WIGLE	WILKIN	WU	WU2	WUNSCH
	WUWILL	WYNDE2	WYNDE3	WYNDE4	WYNDE5	WYNDE6	WYNDE7	WYNDE8	WYNDER	XIANGZ	XU	XU2	XU3	XU4	YAMAGU	YONG
	YUAN	ZHANG	ZHENG	ZHOU												
3	HIRAY2															

Appendix Table E11 -

IESLC - Meta-analysis of Ever Smoking, Cigars only
All Lung Cancer types

This analysis is restricted to results for:

- 1) Ever smokers of cigars only; and results not by amount smoked
- 2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
 - 4) Followup period (prospective studies): whole study (coded as 0) or longest available
 - 5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
 - 6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
 - 7) For overlapping studies: principal rather than subsidiary studies
- Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E11 - 1

IESLC - Meta-analysis of Ever Smoking, Cigars only
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	DENOM
ABELIN	51	m	0	0	all	-	all	Eu:wst	1941	CC	1	nev any
ARMADA	3	m	0	0	all	-	all	Eu:wst	1986	CC	0	nev any
BEST	16	m	0	0	all	0	all	NAMer	1955	prosp	1	nev any
BOFFET	1	m	0	0	all	-	all	Eu:mul	1988	CC	2	nev any
BOUCOT	119	m	0	0	all	0	all	NAMer	1951	prosp	2	nev any
CPSI	183	m	35	84	all	6	all	NAMer	1959	prosp	1	nev any
DAMBER	4	m	0	0	all	-	all	Eu:Sca	1972	CC	0	nev any
DORN	32	m	0	0	wh	2	all	NAMer	1954	prosp	1	nev any
HAMMON	111	m	0	0	wh	0	all	NAMer	1952	prosp	1	nev any
JOLY	13	m	0	0	all	-	all	SCAMer	1978	CC	0	nev any
LEVIN	29	m	0	0	all	-	all	NAMer	1938	CC	1	nev any
LUBIN2	20	m	0	0	all	-	all	Eu:mul	1976	CC	2	nev any
SADOWS	29	m	0	0	wh	-	all	NAMer	1938	CC	1	nev any
TIZZAN	3	m	0	0	all	-	all	Eu:wst	1959	CC	0	nev any
WYNDE7	40	m	0	0	all	-	all	NAMer	1977	CC	0	nev any

Appendix Table E11 - 2

IESLC - Meta-analysis of Ever Smoking, Cigars only
All Lung Cancer types
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
ABELIN	51	m	1	-	-	-	-	25.09	(5.77- 109.07)
ARMADA	3	m	0	3	6	4	64	8.00	(1.44- 44.45)
*BEST	16	m	1	-	-	-	-	2.94	(0.61- 14.15)
BOFFET	1	m	2	-	-	-	-	9.00	(5.80- 14.10)
*BOUCOT	119	m	2	-	-	-	-	8.81	(0.45- 170.58)
*CPSI	183	m	1	-	-	-	-	2.11	(1.45- 3.07)
DAMBER	4	m	0	7	7	42	208	4.95	(1.65- 14.86)
*DORN	32	m	1	-	-	-	-	1.50	(0.59- 3.80)
*HAMMON	111	m	1	-	-	-	-	1.02	(0.42- 2.51)
JOLY	13	m	0	43	179	12	218	4.36	(2.23- 8.53)
LEVIN	29	m	1	-	-	-	-	1.41	(0.76- 2.60)
LUBIN2	20	m	2	-	-	-	-	3.26	(2.21- 4.79)
SADOWS	29	m	1	-	-	-	-	2.98	(1.06- 8.33)
TIZZAN	3	m	0	26	57	180	305	0.77	(0.47- 1.27)
WYNDE7	40	m	0	30	152	64	918	2.83	(1.78- 4.51)
Partial Totals				109	401	302	1713		

*prospective study

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
ABELIN	51	m	1	3.22	1.78	8.75	0.0000
ARMADA	3	m	0	2.08	1.31	1.51	0.0175
*BEST	16	m	1	1.08	1.55	0.01	0.1788
BOFFET	1	m	2	2.20	19.47	27.70	0.0000
*BOUCOT	119	m	2	2.18	0.44	0.60	0.1509
*CPSI	183	m	1	0.75	27.31	1.82	0.0001
DAMBER	4	m	0	1.60	3.18	1.13	0.0043
*DORN	32	m	1	0.41	4.43	1.59	0.3935
*HAMMON	111	m	1	0.02	4.81	4.66	0.9654
JOLY	13	m	0	1.47	8.56	1.88	0.0000
LEVIN	29	m	1	0.34	10.16	4.44	0.2735
LUBIN2	20	m	2	1.18	25.68	0.81	0.0000
SADOWS	29	m	1	1.09	3.62	0.03	0.0379
TIZZAN	3	m	0	-0.26	15.42	24.57	0.3117
WYNDE7	40	m	0	1.04	17.66	0.02	0.0000

RR data

	N	15
	NS	15
	Wt	145.37
Het	Chi	79.50
Het	df	14
Het	P	***
Fixed	RR	2.73
	RRl	2.32
	RRu	3.21
	P	+++
Random	RR	2.95
	RRl	1.91
	RRu	4.56
	P	+++

Appendix Table E11 - 3

IESLC - Meta-analysis of Ever Smoking, Cigars only
All Lung Cancer types
Adjusted

RR data

	N	15						
	NS	15						
	Wt	145.37						
	Het Chi	79.50						
	Het df	14						
	Het P	***						
Fixed	RR	2.73						
	RRl	2.32						
	RRu	3.21						
	P	+++						
Random	RR	2.95						
	RRl	1.91						
	RRu	4.56						
	P	+++						
	RR Description:Sex(RR)							
	combined	male	female	Total				
	N	15		15				
	NS	15		15				
	Wt	145.37		145.37				
	Het Chi	79.50		79.50				
	Het df	14		14				
	Het P	***		***				
Fixed	RR	2.73		2.73				
	RRl	2.32		2.32				
	RRu	3.21		3.21				
	P	+++		+++				
Random	RR	2.95		2.95				
	RRl	1.91		1.91				
	RRu	4.56		4.56				
	P	+++		+++				
Between	Chi							
Between	df							
Between	P			N.S.				
	Continent							
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
	N	8	1	6			15	
	NS	8	1	6			15	
	Wt	69.97	8.56	66.84			145.37	
	Het Chi	7.69	0.00	60.84			79.50	
	Het df	7	0	5			14	
	Het P	N.S.	N.S.	***			***	
Fixed	RR	2.06	4.36	3.45			2.73	
	RRl	1.63	2.23	2.71			2.32	
	RRu	2.61	8.53	4.38			3.21	
	P	+++	+++	+++			+++	
Random	RR	2.05	4.36	4.75			2.95	
	RRl	1.58	2.23	1.83			1.91	
	RRu	2.65	8.53	12.35			4.56	
	P	+++	+++	++			+++	
Between	Chi						10.97	
Between	df						2	
Between	P						**	

Appendix Table E11 - 3

IESLC - Meta-analysis of Ever Smoking, Cigars only
All Lung Cancer types

		Adjusted Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
RR data									
	N	2			1	3			6
	NS	2			1	3			6
	Wt	45.15			3.18	18.51			66.84
Het	Chi	11.42			0.00	24.06			60.84
Het	df	1			0	2			5
Het	P	***			N.S.	***			***
Fixed	RR	5.05			4.95	1.27			3.45
	RRl	3.77			1.65	0.81			2.71
	RRu	6.76			14.86	2.01			4.38
	P	+++			++	N.S.			+++
Random	RR	5.38			4.95	4.96			4.75
	RRl	1.99			1.65	0.45			1.83
	RRu	14.56			14.86	55.17			12.35
	P	+++			++	N.S.			++
Between	Chi								25.36
Between	df								2
Between	P								***
Start year of study									
		<1960	1960-69	1970-79	1980-89	1990+		Total	
	N	9		4	2			15	
	NS	9		4	2			15	
	Wt	69.51		55.09	20.78			145.37	
Het	Chi	28.10		1.60	0.02			79.50	
Het	df	8		3	1			14	
Het	P	***		N.S.	N.S.			***	
Fixed	RR	1.63		3.34	8.93			2.73	
	RRl	1.29		2.56	5.81			2.32	
	RRu	2.07		4.35	13.73			3.21	
	P	+++		+++	+++			+++	
Random	RR	1.98		3.34	8.93			2.95	
	RRl	1.17		2.56	5.81			1.91	
	RRu	3.34		4.35	13.73			4.56	
	P	+		+++	+++			+++	
Between	Chi							49.79	
Between	df							2	
Between	P							***	
Study type									
		CC	prosp	other	Total				
	N	10	5		15				
	NS	10	5		15				
	Wt	106.84	38.54		145.37				
Het	Chi	69.05	3.73		79.50				
Het	df	9	4		14				
Het	P	***	N.S.		***				
Fixed	RR	3.11	1.91		2.73				
	RRl	2.57	1.39		2.32				
	RRu	3.76	2.62		3.21				
	P	+++	+++		+++				
Random	RR	3.59	1.91		2.95				
	RRl	2.03	1.39		1.91				
	RRu	6.37	2.62		4.56				
	P	+++	+++		+++				
Between	Chi				6.73				
Between	df				1				
Between	P				**				

Appendix Table E11 - 3

IESLC - Meta-analysis of Ever Smoking, Cigars only
 All Lung Cancer types
 Adjusted

Number of adjustment variables
 0 1 2 3-5 6-9 10+/
 +nk Total

RR data

N	5	7	3			15
NS	5	7	3			15
Wt	46.13	53.65	45.59			145.37
Het Chi	26.24	16.05	11.55			79.50
Het df	4	6	2			14
Het P	***	*	**			***
Fixed RR	2.13	2.00	5.08			2.73
RRl	1.59	1.53	3.80			2.32
RRu	2.84	2.61	6.79			3.21
P	+++	+++	+++			+++
Random RR	2.87	2.21	5.59			2.95
RRl	1.26	1.31	2.26			1.91
RRu	6.58	3.73	13.84			4.56
P	+	++	+++			+++
Between Chi						25.66
Between df						2
Between P						***

Appendix Table E11 - 4

IESLC - Meta-analysis of Ever Smoking, Cigars only
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	DENOM
ABELIN	8	m	0	0	all	-	all	Eu:wst	1941	CC	0	nev any
ARMADA	3	m	0	0	all	-	all	Eu:wst	1986	CC	0	nev any
BEST	16	m	0	0	all	0	all	NAMer	1955	prosp	1	nev any
BOFFET	4	m	0	0	all	-	all	Eu:mul	1988	CC	0	nev any
BOUCOT	7	m	0	0	all	0	all	NAMer	1951	prosp	0	nev any
CPSI	183	m	35	84	all	6	all	NAMer	1959	prosp	1	nev any
DAMBER	4	m	0	0	all	-	all	Eu:Sca	1972	CC	0	nev any
DORN	41	m	0	0	wh	2	all	NAMer	1954	prosp	0	nev any
HAMMON	123	m	0	0	wh	0	all	NAMer	1952	prosp	0	nev any
JOLY	13	m	0	0	all	-	all	SCAMer	1978	CC	0	nev any
LEVIN	29	m	0	0	all	-	all	NAMer	1938	CC	1	nev any
LUBIN2	19	m	0	0	all	-	all	Eu:mul	1976	CC	0	nev any
SADOWS	2	m	0	0	wh	-	all	NAMer	1938	CC	0	nev any
TIZZAN	3	m	0	0	all	-	all	Eu:wst	1959	CC	0	nev any
WYNDE7	40	m	0	0	all	-	all	NAMer	1977	CC	0	nev any

Appendix Table E11 - 5

IESLC - Meta-analysis of Ever Smoking, Cigars only
All Lung Cancer types
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
ABELIN	8	m	0	33	99	2	183	30.50	(7.17- 129.78)
ARMADA	3	m	0	3	6	4	64	8.00	(1.44- 44.45)
*BEST	16	m	1	-	-	-	-	2.94	(0.61- 14.15)
BOFFET	4	m	0	43	77	117	1750	8.35	(5.50- 12.68)
*BOUCOT	7	m	0	3	5084	0	7551	10.40	~(0.54- 201.23)
*CPSI	183	m	1	-	-	-	-	2.11	(1.45- 3.07)
DAMBER	4	m	0	7	7	42	208	4.95	(1.65- 14.86)
*DORN	41	m	0	6	28422	17	117918	1.46	(0.58- 3.71)
*HAMMON	123	m	0	7	51480	15	115884	1.05	(0.43- 2.58)
JOLY	13	m	0	43	179	12	218	4.36	(2.23- 8.53)
LEVIN	29	m	1	-	-	-	-	1.41	(0.76- 2.60)
LUBIN2	19	m	0	37	144	190	2617	3.54	(2.40- 5.23)
SADOWS	2	m	0	11	21	18	81	2.36	(0.97- 5.74)
TIZZAN	3	m	0	26	57	180	305	0.77	(0.47- 1.27)
WYNDE7	40	m	0	30	152	64	918	2.83	(1.78- 4.51)
Partial Totals				249	85728	661	247697		
*prospective study								~ With 0.5 adjustment for zero	

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
ABELIN	8	m	0	3.42	1.83	10.49	0.0000
ARMADA	3	m	0	2.08	1.31	1.45	0.0175
*BEST	16	m	1	1.08	1.55	0.00	0.1788
BOFFET	4	m	0	2.12	22.05	26.57	0.0000
*BOUCOT	7	m	0	2.34	0.44	0.76	0.1214
*CPSI	183	m	1	0.75	27.31	2.11	0.0001
DAMBER	4	m	0	1.60	3.18	1.05	0.0043
*DORN	41	m	0	0.38	4.44	1.84	0.4219
*HAMMON	123	m	0	0.05	4.77	4.54	0.9143
JOLY	13	m	0	1.47	8.56	1.72	0.0000
LEVIN	29	m	1	0.34	10.16	4.71	0.2735
LUBIN2	19	m	0	1.26	25.24	1.44	0.0000
SADOWS	2	m	0	0.86	4.84	0.14	0.0591
TIZZAN	3	m	0	-0.26	15.42	25.36	0.3117
WYNDE7	40	m	0	1.04	17.66	0.00	0.0000

RR data

	N	15
	NS	15
	Wt	148.76
Het	Chi	82.20
Het	df	14
Het	P	***
Fixed	RR	2.79
	RRl	2.37
	RRu	3.27
	P	+++
Random	RR	2.95
	RRl	1.91
	RRu	4.56
	P	+++

Appendix Table E11 - 6

IESLC - Meta-analysis of Ever Smoking, Cigars only
All Lung Cancer types
Unadjusted

RR data

	N	15					
	NS	15					
	Wt	148.76					
	Het Chi	82.20					
	Het df	14					
	Het P	***					
Fixed	RR	2.79					
	RRl	2.37					
	RRu	3.27					
	P	+++					
Random	RR	2.95					
	RRl	1.91					
	RRu	4.56					
	P	+++					
	RR Description:Sex(RR)						
	combined	male	female	Total			
	N	15		15			
	NS	15		15			
	Wt	148.76		148.76			
	Het Chi	82.20		82.20			
	Het df	14		14			
	Het P	***		***			
Fixed	RR	2.79		2.79			
	RRl	2.37		2.37			
	RRu	3.27		3.27			
	P	+++		+++			
Random	RR	2.95		2.95			
	RRl	1.91		1.91			
	RRu	4.56		4.56			
	P	+++		+++			
Between	Chi						
Between	df						
Between	P			N.S.			
	Continent						
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total
	N	8	1	6			15
	NS	8	1	6			15
	Wt	71.17	8.56	69.03			148.76
	Het Chi	7.37	0.00	61.65			82.20
	Het df	7	0	5			14
	Het P	N.S.	N.S.	***			***
Fixed	RR	2.05	4.36	3.62			2.79
	RRl	1.62	2.23	2.86			2.37
	RRu	2.58	8.53	4.58			3.27
	P	+++	+++	+++			+++
Random	RR	2.04	4.36	4.89			2.95
	RRl	1.59	2.23	1.90			1.91
	RRu	2.60	8.53	12.62			4.56
	P	+++	+++	++			+++
Between	Chi						13.18
Between	df						2
Between	P						**

Appendix Table E11 - 6

IESLC - Meta-analysis of Ever Smoking, Cigars only
All Lung Cancer types

		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
RR data									
	N	2			1	3			6
	NS	2			1	3			6
	Wt	47.29			3.18	18.56			69.03
Het	Chi	8.68			0.00	26.72			61.65
Het	df	1			0	2			5
Het	P	**			N.S.	***			***
Fixed	RR	5.28			4.95	1.31			3.62
	RRl	3.97			1.65	0.83			2.86
	RRu	7.02			14.86	2.06			4.58
	P	+++			++	N.S.			+++
Random	RR	5.42			4.95	5.33			4.89
	RRl	2.34			1.65	0.43			1.90
	RRu	12.57			14.86	66.22			12.62
	P	+++			++	N.S.			++
Between	Chi								26.25
Between	df								2
Between	P								***
Start year of study									
		<1960	1960-69	1970-79	1980-89	1990+			Total
	N	9		4	2				15
	NS	9		4	2				15
	Wt	70.77		54.65	23.35			148.76	
Het	Chi	30.01		1.59	0.00			82.20	
Het	df	8		3	1			14	
Het	P	***		N.S.	N.S.			***	
Fixed	RR	1.64		3.47	8.33			2.79	
	RRl	1.30		2.66	5.55			2.37	
	RRu	2.07		4.52	12.50			3.27	
	P	+++		+++	+++			+++	
Random	RR	2.00		3.47	8.33			2.95	
	RRl	1.17		2.66	5.55			1.91	
	RRu	3.40		4.52	12.50			4.56	
	P	+		+++	+++			+++	
Between	Chi							50.59	
Between	df							2	
Between	P							***	
Study type									
		CC	prosp	other	Total				
	N	10	5		15				
	NS	10	5		15				
	Wt	110.25	38.51		148.76				
Het	Chi	71.05	3.84		82.20				
Het	df	9	4		14				
Het	P	***	N.S.		***				
Fixed	RR	3.18	1.91		2.79				
	RRl	2.64	1.40		2.37				
	RRu	3.83	2.63		3.27				
	P	+++	+++		+++				
Random	RR	3.57	1.91		2.95				
	RRl	2.02	1.40		1.91				
	RRu	6.31	2.63		4.56				
	P	+++	+++		+++				
Between	Chi				7.31				
Between	df				1				
Between	P				**				

Appendix Table E11 - 6

IESLC - Meta-analysis of Ever Smoking, Cigars only
 All Lung Cancer types
 Unadjusted

Number of adjustment variables
 0 1 2 3-5 6-9 10+/
 +nk Total

RR data

	N	12	3			15
	NS	12	3			15
	Wt	109.74	39.02			148.76
Het	Chi	73.47	1.49			82.20
Het	df	11	2			14
Het	P	***	N.S.			***
Fixed	RR	3.18	1.93			2.79
	RRl	2.64	1.41			2.37
	RRu	3.83	2.63			3.27
	P	+++	+++			+++
Random	RR	3.36	1.93			2.95
	RRl	1.95	1.41			1.91
	RRu	5.77	2.63			4.56
	P	+++	+++			+++
Between	Chi					7.23
Between	df					1
Between	P					**

Appendix Table E11 - 7

IESLC - Meta-analysis of Ever Smoking, Cigars only
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND	BARBON	BECHER
	BENSHL	BERRIN	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOUCHA	BRESLO	BRETT	BROCKM	BROSS	BROWN1	BROWN2	BROWN3	BUELL
	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CEDERL	CHAN	CHANG	CHATZI	CHEN	CHEN2	CHEN3	CHIAZZ	CHOI	CHOW
	CHYOU	COMSTO	COOKSO	CORREA	CPSII	DARBY	DAVEYS	DEAN	DEAN2	DEAN3	DEKLER	DESTE2	DESTEF	DOCKER	DOLL	DOLL2
	DORANT	DORGAN	DOSEME	DROSTE	DU	DUNN	EBELIN	ENGELA	ENSTRO	ESAKI	FAN	GAO	GAO2	GARCIA	GARDIN	GARSHI
	GENG	GER	GILLIS	GODLEY	GOLLED	GOODMA	GRAHAM	GREGOR	GSELL	GURSEL	HAENSZ	HAMMO2	HANSEN	HEGMAN	HEIN	HENNEK
	HINDS	HIRAOK	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT	HU	HU2	HUANG	HUMBLE	ISHIMA	JAHN	JAIN	JARUP
	JARVHO	JEDRYC	JIANG	JONES	JUSSAW	KAISE2	KAIKER	KANELL	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN	KJUUS	KNEKT
	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK	LAMTH	LAMWK	LAMWK2	LANGE	LAURIL	LAUSSM	LEI	LEMARC	LETOUR
	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4	LIU5	LOMBA2	LOMBAR	LUBIN	LUO	MACLEN	MAGNUS	MARSH	MARSH2
	MARTIS	MASTRA	MATOS	MATSUD	MCCONN	MCDUFF	MCLAUG	MIGRAN	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN	NAM
	NOTAN2	NOTANI	NOU	ODRISC	ORMOS	OSANN	OSANN2	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PEZZOT
	PIKE	PISANI	POFFIJ	POLEDN	PRESKO	QIAO	QIAO2	RACHTA	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS	ROTHSC
	SAARIK	SANKAR	SCHWA2	SCHWAR	SEGI	SEGI2	SEOW	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2	SPEIZE	SPITZ
	STASZE	STAYNE	STOCKS	STOCKW	STUCKE	SUN	SUZUK2	SUZUKI	SVENSS	TANG	TANG2	TAO	TENKAN	TOKARS	TOUSEY	TSUGAN
	TULINI	TVERDA	ULMER	VANDER	VEIERO	VUTUC	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	WEIR	WICKLU
	WIGLE	WILKIN	WU	WU2	WUNSCH	WUWILL	WYNDE2	WYNDE3	WYNDE4	WYNDE5	WYNDE6	WYNDE8	WYNDER	XIANGZ	XU	XU2
	XU3	XU4	YAMAGU	YONG	YUAN	ZHANG	ZHENG	ZHOU								
7	BENHAM															

Appendix Table E11 - 8

IESLC - Meta-analysis of Ever Smoking, Cigars only
All Lung Cancer types
Potentially overlapping studies

REF |	REFGP |	PRINC |	OVERLAP/LINK |
LUBIN2	LUBIN2	1	Lubin-combined
WYNDE7	WYNDE6	2	WYNDE5/6/7/8
CPSI	CPSI	1	CPSI overall
BOFFET	BOFFET	1	BOFFET-combined

Appendix Table E12 -

IESLC - Meta-analysis of Current Smoking (vs never smoking), Cigars only
All Lung Cancer types

This analysis is restricted to results for:

- 1) Current smokers of cigars only; and results not by amount smoked
- 2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
 - 4) Followup period (prospective studies): whole study (coded as 0) or longest available
 - 5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
 - 6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
 - 7) For overlapping studies: principal rather than subsidiary studies
- Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E12 - 1

IESLC - Meta-analysis of Current Smoking (vs never smoking), Cigars only
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	DENOM
BENSHL	3	m	0	0	all	0	all	Eu:UK	1967	prosp	1	nev any
BOFFET	25	m	0	0	all	-	all	Eu:mul	1988	CC	2	nev any
CEDERL	85	m	0	0	all	16	all	Eu:Sca	1963	prosp	2	nev any
CPSI	153	m	35	99	wh	0	all	NAmer	1959	prosp	1	nev any
CPSII	1	m	0	0	all	0	all	NAmer	1982	prosp	2	nev any
DEAN3	179	m	0	0	all	-	all	Eu:UK	1969	CC	0	nev any
DORN	22	m	0	0	wh	15	all	NAmer	1954	prosp	2	nev any
GARDIN	4	c	0	0	all	-	all	Eu:UK	1988	CC	0	nev any
HEIN	2	m	0	0	all	0	all	Eu:Sca	1970	prosp	0	nev any
JOLY	17	m	0	0	all	-	all	SCAmer	1978	CC	0	nev any
LANGE	17	m	0	0	all	0	all	Eu:Sca	1976	prosp	1	nev any
LANGE	13	f	0	0	all	0	all	Eu:Sca	1976	prosp	1	nev any
LUBIN2	4	m	0	0	all	-	all	Eu:mul	1976	CC	2	nev any
TULINI	26	m	0	0	all	0	all	Eu:Sca	1967	prosp	3	nev any
WYNDE7	2	m	0	0	all	-	all	NAmer	1977	CC	0	nev any

Appendix Table E12 - 2

IESLC - Meta-analysis of Current Smoking (vs never smoking), Cigars only
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
*BENSHL	3	m	1	-	-	-	-	6.62	(3.12-	14.05)
BOFFET	25	m	2	-	-	-	-	10.60	(5.90-	19.10)
*CEDERL	85	m	2	-	-	-	-	7.60	(3.70-	15.59)
*CPSI	153	m	1	-	-	-	-	3.30	(2.68-	4.06)
*CPSII	1	m	2	-	-	-	-	5.20	(4.10-	6.60)
DEAN3	179	m	0	0	26	24	510	0.39~	(0.02-	6.64)
*DORN	22	m	2	-	-	-	-	1.66	(1.18-	2.34)
GARDIN	4	c	0	3	2	5	41	12.30	(1.64-	92.33)
*HEIN	2	m	0	23	420	1	457	25.03	(3.39-	184.50)
JOLY	17	m	0	36	141	12	218	4.64	(2.33-	9.22)
*LANGE	17	m	1	-	-	-	-	6.00	(2.20-	17.00)
*LANGE	13	f	1	-	-	-	-	4.90	(3.00-	12.00)
Subtotal LANGE								5.22	(2.94-	9.27)
LUBIN2	4	m	2	-	-	-	-	5.18	(3.72-	7.22)
*TULINI	26	m	3	-	-	-	-	4.16	(2.00-	8.63)
WYNDE7	2	m	0	18	82	64	918	3.15	(1.78-	5.57)
Partial Totals				80	671	106	2144			

*prospective study

~ With 0.5 adjustment for zero

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*BENSHL	3	m	1	1.89	6.79	1.64	0.0000
BOFFET	25	m	2	2.36	11.13	10.33	0.0000
*CEDERL	85	m	2	2.03	7.43	2.95	0.0000
*CPSI	153	m	1	1.19	89.06	3.70	0.0000
*CPSII	1	m	2	1.65	67.79	4.26	0.0000
DEAN3	179	m	0	-0.93	0.48	2.61	0.5175
*DORN	22	m	2	0.51	32.78	26.03	0.0037
GARDIN	4	c	0	2.51	0.95	1.17	0.0147
*HEIN	2	m	0	3.22	0.96	3.20	0.0016
JOLY	17	m	0	1.53	8.14	0.15	0.0000
*LANGE	17	m	1	1.79	3.68	0.57	0.0006
*LANGE	13	f	1	1.59	8.00	0.29	0.0000
Subtotal LANGE				0.59	11.67	0.86	
LUBIN2	4	m	2	1.64	34.94	2.13	0.0000
*TULINI	26	m	3	1.43	7.19	0.01	0.0001
WYNDE7	2	m	0	1.15	11.84	0.75	0.0001

RR data

	N	15
	NS	14
	Wt	291.16
Het	Chi	59.79
Het	df	14
Het	P	***
Fixed	RR	4.05
	RRl	3.61
	RRu	4.54
	P	+++
Random	RR	4.67
	RRl	3.49
	RRu	6.25
	P	+++

Appendix Table E12 - 3

IESLC - Meta-analysis of Current Smoking (vs never smoking), Cigars only
 All Lung Cancer types
 Adjusted

RR data

	N	15						
	NS	14						
	Wt	291.16						
	Het Chi	59.79						
	Het df	14						
	Het P	***						
Fixed	RR	4.05						
	RRl	3.61						
	RRu	4.54						
	P	+++						
Random	RR	4.67						
	RRl	3.49						
	RRu	6.25						
	P	+++						
	RR Description:Sex(RR)							
	combined	male	female	Total				
	N	1	13	1	15			
	NS	1	13	1	15			
	Wt	0.95	282.22	8.00	291.16			
	Het Chi	0.00	58.30	0.00	59.79			
	Het df	0	12	0	14			
	Het P	N.S.	***	N.S.	***			
Fixed	RR	12.30	4.01	4.90	4.05			
	RRl	1.64	3.57	2.45	3.61			
	RRu	92.33	4.51	9.80	4.54			
	P	+	+++	+++	+++			
Random	RR	12.30	4.58	4.90	4.67			
	RRl	1.64	3.36	2.45	3.49			
	RRu	92.33	6.24	9.80	6.25			
	P	+	+++	+++	+++			
Between	Chi				1.48			
Between	df				2			
Between	P				N.S.			
	Continent							
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
	N	4	1	10			15	
	NS	4	1	9			14	
	Wt	201.48	8.14	81.54			291.16	
	Het Chi	29.22	0.00	12.15			59.79	
	Het df	3	0	9			14	
	Het P	***	N.S.	N.S.			***	
Fixed	RR	3.43	4.64	6.01			4.05	
	RRl	2.99	2.33	4.84			3.61	
	RRu	3.94	9.22	7.46			4.54	
	P	+++	+++	+++			+++	
Random	RR	3.11	4.64	6.21			4.67	
	RRl	1.95	2.33	4.66			3.49	
	RRu	4.97	9.22	8.27			6.25	
	P	+++	+++	+++			+++	
Between	Chi						18.41	
Between	df						2	
Between	P						***	

Appendix Table E12 - 3

IESLC - Meta-analysis of Current Smoking (vs never smoking), Cigars only
All Lung Cancer types

	Country in Europe							Total	
	multi	UK	Germany	Scand	othWest	East	Balkans		
RR data									
	N	2	3		5			10	
	NS	2	3		4			9	
	Wt	46.08	8.21		27.25			81.54	
Het	Chi	4.33	4.12		3.62			12.15	
Het	df	1	2		4			9	
Het	P	*	N.S.		N.S.			N.S.	
Fixed	RR	6.16	6.02		5.76			6.01	
	RRl	4.61	3.04		3.96			4.84	
	RRu	8.22	11.94		8.38			7.46	
	P	+++	+++		+++			+++	
Random	RR	7.10	4.69		5.76			6.21	
	RRl	3.54	1.11		3.96			4.66	
	RRu	14.25	19.80		8.38			8.27	
	P	+++	+		+++			+++	
Between	Chi							0.08	
Between	df							2	
Between	P							N.S.	
		Start year of study							
		<1960	1960-69	1970-79	1980-89	1990+	Total		
	N	2	4	6	3		15		
	NS	2	4	5	3		14		
	Wt	121.84	21.88	67.56	79.87		291.16		
Het	Chi	11.31	4.91	5.13	5.39		59.79		
Het	df	1	3	5	2		14		
Het	P	***	N.S.	N.S.	(*)		***		
Fixed	RR	2.74	5.60	4.80	5.80		4.05		
	RRl	2.30	3.68	3.78	4.66		3.61		
	RRu	3.28	8.51	6.09	7.22		4.54		
	P	+++	+++	+++	+++		+++		
Random	RR	2.37	5.34	4.79	7.30		4.67		
	RRl	1.21	3.01	3.75	3.97		3.49		
	RRu	4.65	9.49	6.13	13.40		6.25		
	P	+	+++	+++	+++		+++		
Between	Chi						33.05		
Between	df						3		
Between	P						***		
		Study type							
		CC	prosp	other	Total				
	N	6	9		15				
	NS	6	8		14				
	Wt	67.49	223.67		291.16				
Het	Chi	12.64	41.30		59.79				
Het	df	5	8		14				
Het	P	*	***		***				
Fixed	RR	5.24	3.74		4.05				
	RRl	4.13	3.28		3.61				
	RRu	6.65	4.27		4.54				
	P	+++	+++		+++				
Random	RR	5.17	4.44		4.67				
	RRl	3.23	3.07		3.49				
	RRu	8.28	6.44		6.25				
	P	+++	+++		+++				
Between	Chi				5.85				
Between	df				1				
Between	P				*				

Appendix Table E12 - 3

IESLC - Meta-analysis of Current Smoking (vs never smoking), Cigars only
 All Lung Cancer types

		Adjusted Number of adjustment variables						
		0	1	2	3-5	6-9	10+/ +nk	Total
RR data								
	N	5	4	5	1			15
	NS	5	3	5	1			14
	Wt	22.37	107.52	154.08	7.19			291.16
Het	Chi	7.87	4.90	44.79	0.00			59.79
Het	df	4	3	4	0			14
Het	P	(*)	N.S.	***	N.S.			***
Fixed	RR	4.02	3.62	4.37	4.16			4.05
	RRl	2.65	3.00	3.73	2.00			3.61
	RRu	6.08	4.38	5.12	8.64			4.54
	P	+++	+++	+++	+++			+++
Random	RR	4.59	4.30	4.96	4.16			4.67
	RRl	2.18	2.96	2.79	2.00			3.49
	RRu	9.67	6.24	8.83	8.64			6.25
	P	+++	+++	+++	+++			+++
Between	Chi							2.22
Between	df							3
Between	P							N.S.

Appendix Table E12 - 4

IESLC - Meta-analysis of Current Smoking (vs never smoking), Cigars only
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	DENOM
BENSHL	3	m	0	0	all	0	all	Eu:UK	1967	prosp	1	nev any
BOFFET	25	m	0	0	all	-	all	Eu:mul	1988	CC	2	nev any
CEDERL	85	m	0	0	all	16	all	Eu:Sca	1963	prosp	2	nev any
CPSI	153	m	35	99	wh	0	all	NAmer	1959	prosp	1	nev any
CPSII	1	m	0	0	all	0	all	NAmer	1982	prosp	2	nev any
DEAN3	179	m	0	0	all	-	all	Eu:UK	1969	CC	0	nev any
DORN	22	m	0	0	wh	15	all	NAmer	1954	prosp	2	nev any
GARDIN	4	c	0	0	all	-	all	Eu:UK	1988	CC	0	nev any
HEIN	2	m	0	0	all	0	all	Eu:Sca	1970	prosp	0	nev any
JOLY	17	m	0	0	all	-	all	SCAmer	1978	CC	0	nev any
LANGE	8	m	0	0	all	0	all	Eu:Sca	1976	prosp	0	nev any
LANGE	4	f	0	0	all	0	all	Eu:Sca	1976	prosp	0	nev any
LUBIN2	3	m	0	0	all	-	all	Eu:mul	1976	CC	0	nev any
TULINI	3	m	0	0	all	0	all	Eu:Sca	1967	prosp	1	nev any
WYNDE7	2	m	0	0	all	-	all	NAmer	1977	CC	0	nev any

Appendix Table E12 - 5

IESLC - Meta-analysis of Current Smoking (vs never smoking), Cigars only
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
*BENSHL	3	m	1	-	-	-	-	6.62	(3.12-	14.05)
BOFFET	25	m	2	-	-	-	-	10.60	(5.90-	19.10)
*CEDERL	85	m	2	-	-	-	-	7.60	(3.70-	15.59)
*CPSI	153	m	1	-	-	-	-	3.30	(2.68-	4.06)
*CPSII	1	m	2	-	-	-	-	5.20	(4.10-	6.60)
DEAN3	179	m	0	0	26	24	510	0.39~	(0.02-	6.64)
*DORN	22	m	2	-	-	-	-	1.66	(1.18-	2.34)
GARDIN	4	c	0	3	2	5	41	12.30	(1.64-	92.33)
*HEIN	2	m	0	23	420	1	457	25.03	(3.39-	184.50)
JOLY	17	m	0	36	141	12	218	4.64	(2.33-	9.22)
*LANGE	8	m	0	47	808	5	721	8.39	(3.35-	20.97)
*LANGE	4	f	0	14	770	7	2159	5.61	(2.27-	13.84)
Subtotal LANGE								6.84	(3.59-	13.01)
LUBIN2	3	m	0	57	185	190	2617	4.24	(3.05-	5.91)
*TULINI	3	m	1	-	-	-	-	4.05	(1.95-	8.40)
WYNDE7	2	m	0	18	82	64	918	3.15	(1.78-	5.57)
Partial Totals				198	2434	308	7641			

*prospective study

~ With 0.5 adjustment for zero

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*BENSHL	3	m	1	1.89	6.79	1.77	0.0000
BOFFET	25	m	2	2.36	11.13	10.72	0.0000
*CEDERL	85	m	2	2.03	7.43	3.12	0.0000
*CPSI	153	m	1	1.19	89.06	3.07	0.0000
*CPSII	1	m	2	1.65	67.79	4.91	0.0000
DEAN3	179	m	0	-0.93	0.48	2.57	0.5175
*DORN	22	m	2	0.51	32.78	24.97	0.0037
GARDIN	4	c	0	2.51	0.95	1.21	0.0147
*HEIN	2	m	0	3.22	0.96	3.26	0.0016
JOLY	17	m	0	1.53	8.14	0.19	0.0000
*LANGE	8	m	0	2.13	4.57	2.55	0.0000
*LANGE	4	f	0	1.72	4.71	0.56	0.0002
Subtotal LANGE				1.09	9.28	3.11	
LUBIN2	3	m	0	1.45	34.97	0.15	0.0000
*TULINI	3	m	1	1.40	7.20	0.00	0.0002
WYNDE7	2	m	0	1.15	11.84	0.64	0.0001

RR data

N	15
NS	14
Wt	288.81
Het Chi	59.70
Het df	14
Het P	***
Fixed RR	3.97
RRl	3.54
RRu	4.46
P	+++
Random RR	4.69
RRl	3.50
RRu	6.29
P	+++

Appendix Table E12 - 6

IESLC - Meta-analysis of Current Smoking (vs never smoking), Cigars only
All Lung Cancer types
Unadjusted

RR data

N	15								
NS	14								
Wt	288.81								
Het Chi	59.70								
Het df	14								
Het P	***								
Fixed RR	3.97								
RRl	3.54								
RRu	4.46								
P	+++								
Random RR	4.69								
RRl	3.50								
RRu	6.29								
P	+++								
RR Description:Sex(RR)									
	combined	male	female	Total					
N	1	13	1	15					
NS	1	13	1	15					
Wt	0.95	283.16	4.71	288.81					
Het Chi	0.00	57.91	0.00	59.70					
Het df	0	12	0	14					
Het P	N.S.	***	N.S.	***					
Fixed RR	12.30	3.94	5.61	3.97					
RRl	1.64	3.50	2.27	3.54					
RRu	92.33	4.42	13.84	4.46					
P	+	+++	+++	+++					
Random RR	12.30	4.57	5.61	4.69					
RRl	1.64	3.36	2.27	3.50					
RRu	92.33	6.21	13.84	6.29					
P	+	+++	+++	+++					
Between Chi				1.79					
Between df				2					
Between P				N.S.					
Continent									
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total		
N	4	1	10				15		
NS	4	1	9				14		
Wt	201.48	8.14	79.19				288.81		
Het Chi	29.22	0.00	15.72				59.70		
Het df	3	0	9				14		
Het P	***	N.S.	(*)				***		
Fixed RR	3.43	4.64	5.69				3.97		
RRl	2.99	2.33	4.56				3.54		
RRu	3.94	9.22	7.09				4.46		
P	+++	+++	+++				+++		
Random RR	3.11	4.64	6.29				4.69		
RRl	1.95	2.33	4.46				3.50		
RRu	4.97	9.22	8.89				6.29		
P	+++	+++	+++				+++		
Between Chi							14.76		
Between df							2		
Between P							***		

Appendix Table E12 - 6

IESLC - Meta-analysis of Current Smoking (vs never smoking), Cigars only
All Lung Cancer types

		Country in Europe						Total		
		multi	UK	Germany	Scand	othWest	East	Balkans	Total	
RR data										
	N	2	3		5				10	
	NS	2	3		4				9	
	Wt	46.11	8.21		24.87				79.19	
Het	Chi	7.08	4.12		3.93				15.72	
Het	df	1	2		4				9	
Het	P	**	N.S.		N.S.				(*)	
Fixed	RR	5.29	6.02		6.38				5.69	
	RRl	3.97	3.04		4.30				4.56	
	RRu	7.07	11.94		9.45				7.09	
	P	+++	+++		+++				+++	
Random	RR	6.49	4.69		6.38				6.29	
	RRl	2.65	1.11		4.30				4.46	
	RRu	15.87	19.80		9.45				8.89	
	P	+++	+		+++				+++	
Between	Chi								0.59	
Between	df								2	
Between	P								N.S.	
		Start year of study								
		<1960	1960-69	1970-79	1980-89	1990+		Total		
	N	2	4	6	3			15		
	NS	2	4	5	3			14		
	Wt	121.84	21.90	65.20	79.87			288.81		
Het	Chi	11.31	5.03	6.47	5.39			59.70		
Het	df	1	3	5	2			14		
Het	P	***	N.S.	N.S.	(*)			***		
Fixed	RR	2.74	5.55	4.47	5.80			3.97		
	RRl	2.30	3.65	3.50	4.66			3.54		
	RRu	3.28	8.43	5.69	7.22			4.46		
	P	+++	+++	+++	+++			+++		
Random	RR	2.37	5.28	4.64	7.30			4.69		
	RRl	1.21	2.95	3.40	3.97			3.50		
	RRu	4.65	9.46	6.34	13.40			6.29		
	P	+	+++	+++	+++			+++		
Between	Chi							31.50		
Between	df							3		
Between	P							***		
		Study type								
		CC	prosp	other	Total					
	N	6	9		15					
	NS	6	8		14					
	Wt	67.52	221.30		288.81					
Het	Chi	13.46	43.60		59.70					
Het	df	5	8		14					
Het	P	*	***		***					
Fixed	RR	4.72	3.77		3.97					
	RRl	3.72	3.30		3.54					
	RRu	6.00	4.30		4.46					
	P	+++	+++		+++					
Random	RR	4.88	4.65		4.69					
	RRl	3.00	3.16		3.50					
	RRu	7.94	6.83		6.29					
	P	+++	+++		+++					
Between	Chi				2.64					
Between	df				1					
Between	P				N.S.					

Appendix Table E12 - 6

IESLC - Meta-analysis of Current Smoking (vs never smoking), Cigars only
 All Lung Cancer types

Unadjusted
 Number of adjustment variables
 0 1 2 3-5 6-9 10+/
 +nk Total

RR data

N	8	3	4			15
NS	7	3	4			14
Wt	66.62	103.05	119.14			288.81
Het Chi	10.28	3.22	43.48			59.70
Het df	7	2	3			14
Het P	N.S.	N.S.	***			***
Fixed RR	4.45	3.50	4.16			3.97
RRl	3.50	2.89	3.47			3.54
RRu	5.66	4.25	4.97			4.46
P	+++	+++	+++			+++
Random RR	4.73	3.91	4.97			4.69
RRl	3.31	2.69	2.27			3.50
RRu	6.75	5.70	10.91			6.29
P	+++	+++	+++			+++
Between Chi						2.73
Between df						2
Between P						N.S.

Appendix Table E12 - 7

IESLC - Meta-analysis of Current Smoking (vs never smoking), Cigars only
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABELIN	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND
	BARBON	BECHER	BENHAM	BERRIN	BEST	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOUCHA	BOUCOT	BRESLO	BRETT	BROCKM	BROSS
	BROWN1	BROWN2	BROWN3	BUELL	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CHAN	CHANG	CHATZI	CHEN	CHEN2	CHEN3
	CHIAZZ	CHOI	CHOW	CHYOU	COMSTO	COOKSO	CORREA	DAMBER	DARBY	DAVEYS	DEAN	DEAN2	DEKLER	DESTE2	DESTEF	DOCKER
	DOLL	DOLL2	DORANT	DORGAN	DOSEME	DROSTE	DU	DUNN	EBELIN	ENGELA	ENSTRO	ESAKI	FAN	GAO	GAO2	GARCIA
	GARSHI	GENG	GER	GILLIS	GODLEY	GOLLED	GOODMA	GRAHAM	GREGOR	GSELL	GURSEL	HAENSZ	HAMMO2	HAMMON	HANSEN	HEGMAN
	HENNEK	HINDS	HIRAOK	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT	HU	HU2	HUANG	HUMBLE	ISHIMA	JAHN	JAIN
	JARUP	JARVHO	JEDRYC	JIANG	JONES	JUSSAW	KAISE2	KAISER	KANELL	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN	KJUUS
	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK	LAMTH	LAMWK	LAMWK2	LAURIL	LAUSSM	LEI	LEMARC	LETOUR
	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4	LIU5	LOMBA2	LOMBAR	LUBIN	LUO	MACLEN	MAGNUS	MARSH
	MARSH2	MARTIS	MASTRA	MATOS	MATSUD	MCCONN	MCDUFF	MCLAUG	MIGRAN	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN
	NAM	NOTAN2	NOTANI	NOU	ODRISC	ORMOS	OSANN	OSANN2	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2
	PEZZOT	PIKE	PISANI	POFFIJ	POLEDN	PRESKO	QIAO	QIAO2	RACHTA	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS
	ROTHSC	SAARIK	SADOWS	SANKAR	SCHWA2	SCHWAR	SEGI	SEGI2	SEOW	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2
	SPEIZE	SPITZ	STASZE	STAYNE	STOCKS	STOCKW	STUCKE	SUN	SUZUK2	SUZUKI	SVENSS	TANG	TANG2	TAO	TENKAN	TIZZAN
	TOKARS	TOUSEY	TSUGAN	TVERDA	ULMER	VANDER	VEIERO	VUTUC	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON
	WEIR	WICKLU	WIGLE	WILKIN	WU	WU2	WUNSCH	WUWILL	WYNDE2	WYNDE3	WYNDE4	WYNDE5	WYNDE6	WYNDE8	XIANGZ	XU
	XU2	XU3	XU4	YAMAGU	YONG	YUAN	ZHANG	ZHENG	ZHOU							
3	WYNDER															

Appendix Table E12 - 8

IESLC - Meta-analysis of Current Smoking (vs never smoking), Cigars only
All Lung Cancer types
 Potentially overlapping studies

REF|	REFGP|	PRINC|	OVERLAP/LINK|
LUBIN2	LUBIN2	1	Lubin-combined
HEIN	PRESO	1	Subset of PRESO
LANGE	PRESO	1	Subset of PRESO
BENSHL	TANG2	1	Subset of TANG2
WYNDE7	WYNDE6	2	WYNDE5/6/7/8
CPSI	CPSI	1	CPSI overall
BOFFET	BOFFET	1	BOFFET-combined

Appendix Table E13 -

IESLC - Meta-analysis of Ex Smoking, Cigars only
All Lung Cancer types

This analysis is restricted to results for:

- 1) Ex smokers of cigars only; and results not by amount smoked
- 2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
 - 4) Followup period (prospective studies): whole study (coded as 0) or longest available
 - 5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
 - 6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
 - 7) For overlapping studies: principal rather than subsidiary studies
- Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E13 - 1

IESLC - Meta-analysis of Ex Smoking, Cigars only
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	DENOM
BOFFET	35	m	0	0	all	-	all	Eu:mul	1988	CC	2	nev any
DORN	138	m	35	84	wh	8	all	NAmer	1954	prosp	1	nev any
JOLY	21	m	0	0	all	-	all	SCAmer	1978	CC	0	nev any
LUBIN2	12	m	0	0	all	-	all	Eu:mul	1976	CC	2	nev any
WYNDE7	7	m	0	0	all	-	all	NAmer	1977	CC	0	nev any

Appendix Table E13 - 2

IESLC - Meta-analysis of Ex Smoking, Cigars only
All Lung Cancer types
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
BOFFET	35	m	2	-	-	-	-	7.77	(4.38-	13.81)
*DORN	138	m	1	-	-	-	-	1.02	(0.41-	2.54)
JOLY	21	m	0	7	38	12	218	3.35	(1.24-	9.04)
LUBIN2	12	m	2	-	-	-	-	2.40	(1.20-	5.00)
WYNDE7	7	m	0	12	70	64	918	2.46	(1.27-	4.77)
Partial Totals				19	108	76	1136			

*prospective study

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
BOFFET	35	m	2	2.05	11.65	8.75	0.0000
*DORN	138	m	1	0.02	4.62	6.26	0.9660
JOLY	21	m	0	1.21	3.89	0.00	0.0172
LUBIN2	12	m	2	0.88	7.54	0.72	0.0162
WYNDE7	7	m	0	0.90	8.75	0.71	0.0078

RR data

	N	5
	NS	5
	Wt	36.45
Het	Chi	16.43
Het	df	4
Het	P	**
Fixed	RR	3.27
	RRl	2.36
	RRu	4.52
	P	+++
Random	RR	2.85
	RRl	1.45
	RRu	5.61
	P	++

Appendix Table E13 - 3

IESLC - Meta-analysis of Ex Smoking, Cigars only
 All Lung Cancer types
 Adjusted

RR data

	N	5					
	NS	5					
	Wt	36.45					
Het	Chi	16.43					
Het	df	4					
Het	P	**					
Fixed	RR	3.27					
	RRl	2.36					
	RRu	4.52					
	P	+++					
Random	RR	2.85					
	RRl	1.45					
	RRu	5.61					
	P	++					
	RR Description:Sex(RR)						
	combined	male	female	Total			
	N	5		5			
	NS	5		5			
	Wt	36.45		36.45			
Het	Chi	16.43		16.43			
Het	df	4		4			
Het	P	**		**			
Fixed	RR	3.27		3.27			
	RRl	2.36		2.36			
	RRu	4.52		4.52			
	P	+++		+++			
Random	RR	2.85		2.85			
	RRl	1.45		1.45			
	RRu	5.61		5.61			
	P	++		++			
Between	Chi						
Between	df						
Between	P			N.S.			
	Continent						
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total
	N	2	1	2			5
	NS	2	1	2			5
	Wt	13.37	3.89	19.20			36.45
Het	Chi	2.34	0.00	6.32			16.43
Het	df	1	0	1			4
Het	P	N.S.	N.S.	*			**
Fixed	RR	1.81	3.35	4.90			3.27
	RRl	1.06	1.24	3.13			2.36
	RRu	3.10	9.04	7.66			4.52
	P	+	+	+++			+++
Random	RR	1.68	3.35	4.41			2.85
	RRl	0.71	1.24	1.39			1.45
	RRu	3.95	9.04	13.92			5.61
	P	N.S.	+	+			++
Between	Chi						7.77
Between	df						2
Between	P						*

Appendix Table E13 - 3

		IESLC - Meta-analysis of Ex Smoking, Cigars only						
		All Lung Cancer types						
		Adjusted						
		Number of adjustment variables						
		0	1	2	3-5	6-9	10+/ +nk	Total
RR data								
	N	2	1	2				5
	NS	2	1	2				5
	Wt	12.64	4.62	19.20				36.45
	Het Chi	0.26	0.00	6.32				16.43
	Het df	1	0	1				4
	Het P	N.S.	N.S.	*				**
Fixed	RR	2.70	1.02	4.90				3.27
	RRl	1.56	0.41	3.13				2.36
	RRu	4.69	2.54	7.66				4.52
	P	+++	N.S.	+++				+++
Random	RR	2.70	1.02	4.41				2.85
	RRl	1.56	0.41	1.39				1.45
	RRu	4.69	2.54	13.92				5.61
	P	+++	N.S.	+				++
Between	Chi							9.86
Between	df							2
Between	P							**

Appendix Table E13 - 4

IESLC - Meta-analysis of Ex Smoking, Cigars only
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	DENOM
BOFFET	35	m	0	0	all	-	all	Eu:mul	1988	CC	2	nev any
DORN	138	m	35	84	wh	8	all	NAmer	1954	prosp	1	nev any
JOLY	21	m	0	0	all	-	all	SCAmer	1978	CC	0	nev any
LUBIN2	11	m	0	0	all	-	all	Eu:mul	1976	CC	0	nev any
WYNDE7	7	m	0	0	all	-	all	NAmer	1977	CC	0	nev any

Appendix Table E13 - 5

IESLC - Meta-analysis of Ex Smoking, Cigars only
All Lung Cancer types
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
BOFFET	35	m	2	-	-	-	-	7.77	(4.38-	13.81)
*DORN	138	m	1	-	-	-	-	1.02	(0.41-	2.54)
JOLY	21	m	0	7	38	12	218	3.35	(1.24-	9.04)
LUBIN2	11	m	0	9	46	190	2617	2.69	(1.30-	5.59)
WYNDE7	7	m	0	12	70	64	918	2.46	(1.27-	4.77)
Partial Totals				28	154	266	3753			

*prospective study

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
BOFFET	35	m	2	2.05	11.65	8.23	0.0000
*DORN	138	m	1	0.02	4.62	6.54	0.9660
JOLY	21	m	0	1.21	3.89	0.00	0.0172
LUBIN2	11	m	0	0.99	7.22	0.34	0.0077
WYNDE7	7	m	0	0.90	8.75	0.84	0.0078

RR data

	N	5
	NS	5
	Wt	36.13
Het	Chi	15.96
Het	df	4
Het	P	**
Fixed	RR	3.35
	RRl	2.42
	RRu	4.65
	P	+++
Random	RR	2.92
	RRl	1.49
	RRu	5.72
	P	++

Appendix Table E13 - 6

IESLC - Meta-analysis of Ex Smoking, Cigars only
All Lung Cancer types
Unadjusted

RR data

N	5							
NS	5							
Wt	36.13							
Het Chi	15.96							
Het df	4							
Het P	**							
Fixed RR	3.35							
RRl	2.42							
RRu	4.65							
P	+++							
Random RR	2.92							
RRl	1.49							
RRu	5.72							
P	++							
RR Description:Sex(RR)								
	combined	male	female	Total				
N		5		5				
NS		5		5				
Wt		36.13		36.13				
Het Chi		15.96		15.96				
Het df		4		4				
Het P		**		**				
Fixed RR		3.35		3.35				
RRl		2.42		2.42				
RRu		4.65		4.65				
P		+++		+++				
Random RR		2.92		2.92				
RRl		1.49		1.49				
RRu		5.72		5.72				
P		++		++				
Between Chi								
Between df								
Between P				N.S.				
Continent								
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
N	2	1	2				5	
NS	2	1	2				5	
Wt	13.37	3.89	18.87				36.13	
Het Chi	2.34	0.00	5.00				15.96	
Het df	1	0	1				4	
Het P	N.S.	N.S.	*				**	
Fixed RR	1.81	3.35	5.18				3.35	
RRl	1.06	1.24	3.30				2.42	
RRu	3.10	9.04	8.14				4.65	
P	+	+	+++				+++	
Random RR	1.68	3.35	4.69				2.92	
RRl	0.71	1.24	1.66				1.49	
RRu	3.95	9.04	13.23				5.72	
P	N.S.	+	++				++	
Between Chi							8.62	
Between df							2	
Between P							*	

Appendix Table E13 - 6

		IESLC - Meta-analysis of Ex Smoking, Cigars only						
		All Lung Cancer types						
		Unadjusted						
		Number of adjustment variables						
		0	1	2	3-5	6-9	10+/ +nk	Total
RR data								
	N	3	1	1				5
	NS	3	1	1				5
	Wt	19.86	4.62	11.65				36.13
Het	Chi	0.26	0.00	0.00				15.96
Het	df	2	0	0				4
Het	P	N.S.	N.S.	N.S.				**
Fixed	RR	2.70	1.02	7.77				3.35
	RRl	1.74	0.41	4.38				2.42
	RRu	4.19	2.54	13.80				4.65
	P	+++	N.S.	+++				+++
Random	RR	2.70	1.02	7.77				2.92
	RRl	1.74	0.41	4.38				1.49
	RRu	4.19	2.54	13.80				5.72
	P	+++	N.S.	+++				++
Between	Chi							15.70
Between	df							2
Between	P							***

Appendix Table E13 - 7

IESLC - Meta-analysis of Ex Smoking, Cigars only
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABELIN	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND
	BARBON	BECHER	BENHAM	BENSHL	BERRIN	BEST	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOUCHA	BOUCOT	BRESLO	BRETT	BROCKM
	BROSS	BROWN1	BROWN2	BROWN3	BUELL	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CEDERL	CHAN	CHANG	CHATZI	CHEN
	CHEN2	CHEN3	CHIAZZ	CHOI	CHOW	CHYOU	COMSTO	COOKSO	CORREA	CPSI	CPSII	DAMBER	DARBY	DAVEYS	DEAN	DEAN2
	DEAN3	DEKLER	DESTE2	DESTEF	DOCKER	DOLL	DOLL2	DORANT	DORGAN	DOSEME	DROSTE	DU	DUNN	EBELIN	ENGELA	ENSTRO
	ESAKI	FAN	GAO	GAO2	GARCIA	GARDIN	GARSHI	GENG	GER	GILLIS	GODLEY	GOLLED	GOODMA	GRAHAM	GREGOR	GSELL
	GURSEL	HAENSZ	HAMMO2	HAMMON	HANSEN	HEGMAN	HEIN	HENNEK	HINDS	HIRAOK	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT
	HU	HU2	HUANG	HUMBLE	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JONES	JUSSAW	KAISE2	KAISER	KANELL
	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK	LAMTH
	LAMWK	LAMWK2	LANGE	LAURIL	LAUSSM	LEI	LEMARC	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4
	LIU5	LOMBA2	LOMBAR	LUBIN	LUO	MACLEN	MAGNUS	MARSH	MARSH2	MARTIS	MASTRA	MATOS	MATSUD	MCCONN	MCDUFF	MCLAUG
	MIGRAN	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN	NAM	NOTAN2	NOTANI	NOU	ODRISC	ORMOS	OSANN	OSANN2
	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PEZZOT	PIKE	PISANI	POFFIJ	POLEDN	PRESKO	QIAO	QIAO2
	RACHTA	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS	ROTHSC	SAARIK	SADOWS	SANKAR	SCHWA2	SCHWAR	SEGI	SEGI2
	SEOW	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE	STOCKS	STOCKW	STUCKE	SUN
	SUZUK2	SUZUKI	SVENSS	TANG	TANG2	TAO	TENKAN	TIZZAN	TOKARS	TOUSEY	TSUGAN	TULINI	TVERDA	ULMER	VANDER	VEIERO
	VUTUC	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	WEIR	WICKLU	WIGLE	WILKIN	WU	WU2	WUNSCH
	WUWILL	WYNDE2	WYNDE3	WYNDE4	WYNDE5	WYNDE6	WYNDE8	WYNDER	XIANGZ	XU	XU2	XU3	XU4	YAMAGU	YONG	YUAN
	ZHANG	ZHENG	ZHOU													

Appendix Table E13 - 8

IESLC - Meta-analysis of Ex Smoking, Cigars only
All Lung Cancer types
Potentially overlapping studies

REF |	REFGP |	PRINC |	OVERLAP/LINK |
LUBIN2	LUBIN2	1	Lubin-combined
WYNDE7	WYNDE6	2	WYNDE5/6/7/8
BOFFET	BOFFET	1	BOFFET-combined

Appendix Table E14 -

IESLC - Meta-analysis of Ever Smoking by amount, Cigars only
All Lung Cancer types

This analysis is restricted to results for:

1) Ever smokers of cigars only; and results by amount smoked

Results by amount smoked are grouped under 2 schemes. Each scheme has a set of "key values". An interval is allocated to the category whose key value it includes and intervals which include none or more than one of the key values are excluded. (Open-ended intervals are coded as 99). Amounts are usually coded as cigarette equivalents, defined as shown at the end of Sections -1 and -4.

NC1	key value	maximum range	NC2	key value	maximum range
1	5	1-19	1	1	1-9
2	20	6-44	2	10	2-19
3	45	21+	3	20	11-29
			4	30	21-39
			5	40	31-98
			6	99	41+

2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
 - 4) Followup period (prospective studies): whole study (coded as 0) or longest available
 - 5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
 - 6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
 - 7) For overlapping studies: principal rather than subsidiary studies
- Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E14 - 1

IESLC - Meta-analysis of Ever Smoking by amount, Cigars only
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC TYPE	LOC	START	STYP	ADJ	DENOM
BOFFET	8	m	0	0	all	-	1	5	1	1	all	Eu:mul	1988	CC	2	nev any
BOFFET	9	m	0	0	all	-	6	12	0	2	all	Eu:mul	1988	CC	2	nev any
BOFFET	10	m	0	0	all	-	13	15	0	0	all	Eu:mul	1988	CC	2	nev any
BOFFET	11	m	0	0	all	-	16	99	2	3	all	Eu:mul	1988	CC	2	nev any
JOLY	36	m	0	0	all	-	1	12	1	0	all	SCAmer	1978	CC	0	nev any
JOLY	37	m	0	0	all	-	13	22	0	0	all	SCAmer	1978	CC	0	nev any
JOLY	38	m	0	0	all	-	23	99	2	3	all	SCAmer	1978	CC	0	nev any
LUBIN2	127	m	0	0	all	-	1	15	1	0	all	Eu:mul	1976	CC	0	nev any
LUBIN2	128	m	0	0	all	-	16	30	0	0	all	Eu:mul	1976	CC	0	nev any
LUBIN2	129	m	0	0	all	-	31	99	2	3	all	Eu:mul	1976	CC	0	nev any
WYNDE7	17	m	0	0	all	-	10	99	2	0	all	NAmer	1977	CC	0	nev any
REF	NRR	Cigarette equivalent														
BOFFET	8	grams														
BOFFET	9	grams														
BOFFET	10	grams														
BOFFET	11	grams														
JOLY	36	1 cigar = 5 cigs (OA)														
JOLY	37	1 cigar = 5 cigs (OA)														
JOLY	38	1 cigar = 5 cigs (OA)														
LUBIN2	127	1 cigar = 5 cigs (OA)														
LUBIN2	128	1 cigar = 5 cigs (OA)														
LUBIN2	129	1 cigar = 5 cigs (OA)														
WYNDE7	17	1 cigar = 1 cig														

Appendix Table E14 - 2

IESLC - Meta-analysis of Ever Smoking by amount, Cigars only
All Lung Cancer types
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
BOFFET 8		m	2	-	-	-	-	3.40	(1.30- 9.50)
BOFFET 9		m	2	-	-	-	-	6.20	(2.80- 13.70)
BOFFET 10		m	2	-	-	-	-	7.80	(2.60- 23.40)
BOFFET 11		m	2	-	-	-	-	21.10	(10.70- 41.70)
Subtotal BOFFET									
JOLY 36		m	0	8	35	12	218	4.15	(1.58- 10.88)
JOLY 37		m	0	13	75	12	218	3.15	(1.38- 7.20)
JOLY 38		m	0	22	69	12	218	5.79	(2.73- 12.31)
Subtotal JOLY									
LUBIN2 127		m	0	8	61	190	2616	1.81	(0.85- 3.83)
LUBIN2 128		m	0	12	59	190	2616	2.80	(1.48- 5.30)
LUBIN2 129		m	0	17	25	190	2616	9.36	(4.97- 17.64)
Subtotal LUBIN2									
WYNDE7 17		m	0	-	-	-	-	25.10	(7.20- 87.40)
Partial Totals				80	324	606	8502		
*prospective study									

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
BOFFET 8		m	2	1.22	3.88		0.0159
BOFFET 9		m	2	1.82	6.10		0.0000
BOFFET 10		m	2	2.05	3.18		0.0002
BOFFET 11		m	2	3.05	8.30		0.0000
Subtotal BOFFET							
JOLY 36		m	0	1.42	4.14		0.0038
JOLY 37		m	0	1.15	5.61		0.0066
JOLY 38		m	0	1.76	6.76		0.0000
Subtotal JOLY							
LUBIN2 127		m	0	0.59	6.80		0.1233
LUBIN2 128		m	0	1.03	9.44		0.0016
LUBIN2 129		m	0	2.24	9.57		0.0000
Subtotal LUBIN2							
WYNDE7 17		m	0	3.22	2.47		0.0000

RR data

N 11
NS 4

Appendix Table E14 - 3

IESLC - Meta-analysis of Ever Smoking by amount, Cigars only
 All Lung Cancer types
 Adjusted

RR data

	N	11			
	NS	4			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	11		11	
	NS	4		4	
	Amount smoked (highest and lowest categories)				
	absent	LowK1	HighK99	Total	
	N	4	3	4	11
	NS	3	3	4	10
	Wt	14.83	27.11		
	Het Chi	2.07	8.14		
	Het df	2	3		
	Het P	N.S.	*		
Fixed	RR	2.69	11.65		
	RR1	1.62	8.00		
	RRu	4.47	16.98		
	P	+++	+++		
Random	RR	2.70	12.17		
	RR1	1.61	6.37		
	RRu	4.54	23.25		
	P	+++	+++		
	Amount smoked (broad categories)				
	absent	<10k1	2-98k10	>10k99	Total
	N	6	1	1	3
	NS	4	1	1	3
	7				
	Wt	3.88	6.10	24.64	
	Het Chi	0.00	0.00	6.55	
	Het df	0	0	2	
	Het P	N.S.	N.S.	*	
Fixed	RR	3.40	6.20	10.79	
	RR1	1.26	2.80	7.27	
	RRu	9.19	13.71	16.02	
	P	+	+++	+++	
Random	RR	3.40	6.20	10.58	
	RR1	1.26	2.80	5.16	
	RRu	9.19	13.71	21.69	
	P	+	+++	+++	

Appendix Table E14 - 4

IESLC - Meta-analysis of Ever Smoking by amount, Cigars only
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC TYPE	LOC	START	STYP	ADJ	DENOM
BOFFET	12	m	0	0	all	-	1	5	1	1	all	Eu:mul	1988	CC	0	nev any
BOFFET	13	m	0	0	all	-	6	12	0	2	all	Eu:mul	1988	CC	0	nev any
BOFFET	14	m	0	0	all	-	13	15	0	0	all	Eu:mul	1988	CC	0	nev any
BOFFET	15	m	0	0	all	-	16	99	2	3	all	Eu:mul	1988	CC	0	nev any
JOLY	36	m	0	0	all	-	1	12	1	0	all	SCAmer	1978	CC	0	nev any
JOLY	37	m	0	0	all	-	13	22	0	0	all	SCAmer	1978	CC	0	nev any
JOLY	38	m	0	0	all	-	23	99	2	3	all	SCAmer	1978	CC	0	nev any
LUBIN2	127	m	0	0	all	-	1	15	1	0	all	Eu:mul	1976	CC	0	nev any
LUBIN2	128	m	0	0	all	-	16	30	0	0	all	Eu:mul	1976	CC	0	nev any
LUBIN2	129	m	0	0	all	-	31	99	2	3	all	Eu:mul	1976	CC	0	nev any
WYNDE7	17	m	0	0	all	-	10	99	2	0	all	NAmer	1977	CC	0	nev any
REF	NRR	Cigarette equivalent														
BOFFET	12	grams														
BOFFET	13	grams														
BOFFET	14	grams														
BOFFET	15	grams														
JOLY	36	1 cigar = 5 cigs (OA)														
JOLY	37	1 cigar = 5 cigs (OA)														
JOLY	38	1 cigar = 5 cigs (OA)														
LUBIN2	127	1 cigar = 5 cigs (OA)														
LUBIN2	128	1 cigar = 5 cigs (OA)														
LUBIN2	129	1 cigar = 5 cigs (OA)														
WYNDE7	17	1 cigar = 1 cig														

Appendix Table E14 - 5

IESLC - Meta-analysis of Ever Smoking by amount, Cigars only
All Lung Cancer types
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
BOFFET 12		m	0	5	22	117	1750	3.40	(1.26-	9.14)
BOFFET 13		m	0	10	25	117	1750	5.98	(2.81-	12.75)
BOFFET 14		m	0	5	11	117	1750	6.80	(2.32-	19.89)
BOFFET 15		m	0	23	19	117	1750	18.11	(9.59-	34.19)
Subtotal BOFFET										
JOLY 36		m	0	8	35	12	218	4.15	(1.58-	10.88)
JOLY 37		m	0	13	75	12	218	3.15	(1.38-	7.20)
JOLY 38		m	0	22	69	12	218	5.79	(2.73-	12.31)
Subtotal JOLY										
LUBIN2 127		m	0	8	61	190	2616	1.81	(0.85-	3.83)
LUBIN2 128		m	0	12	59	190	2616	2.80	(1.48-	5.30)
LUBIN2 129		m	0	17	25	190	2616	9.36	(4.97-	17.64)
Subtotal LUBIN2										
WYNDE7 17		m	0	-	-	-	-	25.10	(7.20-	87.40)
Partial Totals				123	401	1074	15502			
*prospective study										

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
BOFFET 12		m	0	1.22	3.93		0.0153
BOFFET 13		m	0	1.79	6.71		0.0000
BOFFET 14		m	0	1.92	3.33		0.0005
BOFFET 15		m	0	2.90	9.50		0.0000
Subtotal BOFFET							
JOLY 36		m	0	1.42	4.14		0.0038
JOLY 37		m	0	1.15	5.61		0.0066
JOLY 38		m	0	1.76	6.76		0.0000
Subtotal JOLY							
LUBIN2 127		m	0	0.59	6.80		0.1233
LUBIN2 128		m	0	1.03	9.44		0.0016
LUBIN2 129		m	0	2.24	9.57		0.0000
Subtotal LUBIN2							
WYNDE7 17		m	0	3.22	2.47		0.0000

RR data

N 11
NS 4

Appendix Table E14 - 6

IESLC - Meta-analysis of Ever Smoking by amount, Cigars only
All Lung Cancer types
Unadjusted

RR data

	N	11			
	NS	4			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	11		11	
	NS	4		4	
	Amount smoked (highest and lowest categories)				
	absent	LowK1	HighK99	Total	
	N	4	3	4	11
	NS	3	3	4	10
	Wt	14.87	28.30		
	Het Chi	2.08	7.04		
	Het df	2	3		
	Het P	N.S.	(*)		
Fixed	RR	2.69	11.35		
	RR1	1.62	7.85		
	RRu	4.47	16.41		
	P	+++	+++		
Random	RR	2.70	11.64		
	RR1	1.61	6.45		
	RRu	4.54	20.99		
	P	+++	+++		
	Amount smoked (broad categories)				
	absent	<10k1	2-98k10	>10k99	Total
	N	6	1	1	3
	NS	4	1	1	3
	Wt	3.93	6.71	25.84	
	Het Chi	0.00	0.00	5.34	
	Het df	0	0	2	
	Het P	N.S.	N.S.	(*)	
Fixed	RR	3.40	5.98	10.52	
	RR1	1.26	2.81	7.16	
	RRu	9.14	12.75	15.47	
	P	+	+++	+++	
Random	RR	3.40	5.98	10.17	
	RR1	1.26	2.81	5.40	
	RRu	9.14	12.75	19.18	
	P	+	+++	+++	

Appendix Table E14 - 7

IESLC - Meta-analysis of Ever Smoking by amount, Cigars only
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABELIN	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND
	BARBON	BECHER	BENHAM	BENSHL	BERRIN	BEST	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOUCHA	BOUCOT	BRESLO	BRETT	BROCKM
	BROSS	BROWN1	BROWN2	BROWN3	BUELL	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CEDERL	CHAN	CHANG	CHATZI	CHEN
	CHEN2	CHEN3	CHIAZZ	CHOI	CHOW	CHYOU	COMSTO	COOKSO	CORREA	CPSI	CPSII	DAMBER	DARBY	DAVEYS	DEAN	DEAN2
	DEAN3	DEKLER	DESTE2	DESTEF	DOCKER	DOLL	DOLL2	DORANT	DORGAN	DORN	DOSEME	DROSTE	DU	DUNN	EBELIN	ENGELA
	ENSTRO	ESAKI	FAN	GAO	GAO2	GARCIA	GARDIN	GARSHI	GENG	GER	GILLIS	GODLEY	GOLLED	GOODMA	GRAHAM	GREGOR
	GSELL	GURSEL	HAENSZ	HAMMO2	HAMMON	HANSEN	HEGMAN	HEIN	HENNEK	HINDS	HIRAOK	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI
	HORWIT	HU	HU2	HUANG	HUMBLE	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JONES	JUSSAW	KAISE2	KAISER
	KANELL	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK
	LAMTH	LAMWK	LAMWK2	LANGE	LAURIL	LAUSSM	LEI	LEMARC	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3
	LIU4	LIU5	LOMBA2	LOMBAR	LUBIN	LUO	MACLEN	MAGNUS	MARSH	MARSH2	MARTIS	MASTRA	MATOS	MATSUD	MCCONN	MCDUFF
	MCLAUG	MIGRAN	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN	NAM	NOTAN2	NOTANI	NOU	ODRISC	ORMOS	OSANN
	OSANN2	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PEZZOT	PIKE	PISANI	POFFIJ	POLEDN	PRESKO	QIAO
	QIAO2	RACHTA	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS	ROTHSC	SAARIK	SANKAR	SCHWA2	SCHWAR	SEGI	SEGI2
	SEOW	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE	STOCKS	STOCKW	STUCKE	SUN
	SUZUK2	SUZUKI	SVENSS	TANG	TANG2	TAO	TENKAN	TIZZAN	TOKARS	TOUSEY	TSUGAN	TULINI	TVERDA	ULMER	VANDER	VEIERO
	VUTUC	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	WEIR	WICKLU	WIGLE	WILKIN	WU	WU2	WUNSCH
	WUWILL	WYNDE2	WYNDE3	WYNDE4	WYNDE5	WYNDE6	WYNDE8	WYNDER	XIANGZ	XU	XU2	XU3	XU4	YAMAGU	YONG	YUAN
	ZHANG	ZHENG	ZHOU													
2	SADOWS															

Appendix Table E14 - 8

IESLC - Meta-analysis of Ever Smoking by amount, Cigars only
 All Lung Cancer types
 Potentially overlapping studies

REF	REFGP	PRINC	OVERLAP/LINK																
LUBIN2	LUBIN2	1	Lubin-combined																
WYNDE7	WYNDE6	2	WYNDE5/6/7/8																
BOFFET	BOFFET	1	BOFFET-combined																
Adjusted - insufficient data for metaanalysis																			
REF	NRR	SEX	AGE	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC	TYPE	LOC	START	STYP	ADJ	DENOM	RR	SIG
SADOWS	37	m	0	0	wh	-	1	10	1	0		all	NAmer	1938	CC	0	nev any	1.62	
SADOWS	38	m	0	0	wh	-	11	20	0	0		all	NAmer	1938	CC	0	nev any	4.51	
SADOWS	39	m	0	0	wh	-	21	30	0	0		all	NAmer	1938	CC	0	nev any	4.38	
SADOWS	40	m	0	0	wh	-	31	99	2	3		all	NAmer	1938	CC	0	nev any	2.54	
Cigarette equivalent																			
REF	NRR																		
SADOWS	37	1 cigar = 10 cigs																	
SADOWS	38	1 cigar = 10 cigs																	
SADOWS	39	1 cigar = 10 cigs																	
SADOWS	40	1 cigar = 10 cigs																	
Unadjusted - insufficient data for metaanalysis																			
REF	NRR	SEX	AGE	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC	TYPE	LOC	START	STYP	ADJ	DENOM	RR	SIG
SADOWS	37	m	0	0	wh	-	1	10	1	0		all	NAmer	1938	CC	0	nev any	1.62	
SADOWS	38	m	0	0	wh	-	11	20	0	0		all	NAmer	1938	CC	0	nev any	4.51	
SADOWS	39	m	0	0	wh	-	21	30	0	0		all	NAmer	1938	CC	0	nev any	4.38	
SADOWS	40	m	0	0	wh	-	31	99	2	3		all	NAmer	1938	CC	0	nev any	2.54	
Cigarette equivalent																			
REF	NRR																		
SADOWS	37	1 cigar = 10 cigs																	
SADOWS	38	1 cigar = 10 cigs																	
SADOWS	39	1 cigar = 10 cigs																	
SADOWS	40	1 cigar = 10 cigs																	

Appendix Table E15 -

IESLC - Meta-analysis of Current Smoking by amount, Cigars only
All Lung Cancer types

This analysis is restricted to results for:

1) Current smokers of cigars only; and results by amount smoked

Results by amount smoked are grouped under 2 schemes. Each scheme has a set of "key values". An interval is allocated to the category whose key value it includes and intervals which include none or more than one of the key values are excluded. (Open-ended intervals are coded as 99). Amounts are usually coded as cigarette equivalents, defined as shown at the end of Sections -1 and -4.

NC1	key value	maximum range	NC2	key value	maximum range
1	5	1-19	1	1	1-9
2	20	6-44	2	10	2-19
3	45	21+	3	20	11-29
			4	30	21-39
			5	40	31-98
			6	99	41+

2) Results complete enough for use in metaanalysis

Within each study, results are then selected (in the following order of preference, within each sex) for:

- 3) DENOM: never smoked anything, (never +1=+low, +2=+long term ex, +3=+low+long term ex, +4=+amount unknown, +5=+recent start)
 - 4) Followup period (prospective studies): whole study (coded as 0) or longest available
 - 5) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
 - 6) Race: all or nearest available, otherwise by race (wh or w = white, bl or b = black, hi = hispanic, ch = chinese, jap = japanese, haw = hawaiian, w+o = white + oriental, sca = scandinavian, as = asian)
 - 7) For overlapping studies: principal rather than subsidiary studies
- Finally by Age: whole study (coded as 0) if available, otherwise by widest available age group and then for single sex results (m, f) in preference to combined sex results (c).

Results adjusted for the most potential confounders are then chosen in Sections -1 to -3 and result adjusted for the least confounders in Sections -4 to -6. (Results adjusted for an unknown number of confounder(s) are coded as 20.)

Section -7 shows excluded studies, together with the stage (as above) at which no qualifying results were found.

Section -8 lists the potentially overlapping studies which have been included (1=principal, 2=subsidiary), and any results which would have been included in preference except that they had incomplete data (i.e. were deselected at stage 2). It also lists their significance (yes/no), if known.

Appendix Table E15 - 1

IESLC - Meta-analysis of Current Smoking by amount, Cigars only
 All Lung Cancer types
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC TYPE	LOC	START	STYP	ADJ	DENOM
CPSI	154	m	35	99	wh	0	1	10	1	0	all	NAmer	1959	prosp	1	nev any
CPSI	155	m	35	99	wh	0	11	20	0	0	all	NAmer	1959	prosp	1	nev any
CPSI	156	m	35	99	wh	0	21	99	2	3	all	NAmer	1959	prosp	1	nev any
DORN	164	m	35	84	wh	8	1	20	1	0	all	NAmer	1954	prosp	1	nev any
DORN	167	m	35	84	wh	8	21	40	0	0	all	NAmer	1954	prosp	1	nev any
DORN	169	m	35	84	wh	8	41	99	2	3	all	NAmer	1954	prosp	1	nev any
REF	NRR	Cigarette equivalent														
CPSI	154	1 cigar = 5 cigs (OA)														
CPSI	155	1 cigar = 5 cigs (OA)														
CPSI	156	1 cigar = 5 cigs (OA)														
DORN	164	1 cigar = 5 cigs (OA)														
DORN	167	1 cigar = 5 cigs (OA)														
DORN	169	1 cigar = 5 cigs (OA)														

Appendix Table E15 - 2

IESLC - Meta-analysis of Current Smoking by amount, Cigars only
All Lung Cancer types
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
*CPSI	154	m	1	-	-	-	-	1.44	(0.96-	2.15)
*CPSI	155	m	1	-	-	-	-	4.24	(3.17-	5.66)
*CPSI	156	m	1	-	-	-	-	4.68	(3.59-	6.12)
Subtotal CPSI										
*DORN	164	m	1	-	-	-	-	1.19	(0.64-	2.21)
*DORN	167	m	1	-	-	-	-	2.68	(1.42-	5.04)
*DORN	169	m	1	-	-	-	-	2.11	(0.52-	8.60)
Subtotal DORN										
Partial Totals				0	0	0	0			
*prospective study										
REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps			
*CPSI	154	m	1	0.36	23.64		0.0763			
*CPSI	155	m	1	1.44	45.73		0.0000			
*CPSI	156	m	1	1.54	54.00		0.0000			
Subtotal CPSI										
*DORN	164	m	1	0.17	10.00		0.5822			
*DORN	167	m	1	0.99	9.58		0.0023			
*DORN	169	m	1	0.75	1.95		0.2968			
Subtotal DORN										

RR data

N	6
NS	2

Appendix Table E15 - 3

IESLC - Meta-analysis of Current Smoking by amount, Cigars only
 All Lung Cancer types
 Adjusted

RR data

	N	6			
	NS	2			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	6		6	
	NS	2		2	
	Amount smoked (highest and lowest categories)				
	absent	LowK1	HighK99	Total	
	N	2	2	2	6
	NS	2	2	2	6
	Wt	33.64	55.96		
	Het Chi	0.26	1.20		
	Het df	1	1		
	Het P	N.S.	N.S.		
Fixed	RR	1.36	4.55		
	RR1	0.97	3.50		
	RRu	1.91	5.92		
	P	(+)	+++		
Random	RR	1.36	4.28		
	RR1	0.97	2.62		
	RRu	1.91	7.00		
	P	(+)	+++		
	Amount smoked (broad categories)				
	absent	<10k1	2-98k10	>10k99	Total
	N	4		2	6
	NS	2		2	4
	Wt			55.96	
	Het Chi			1.20	
	Het df			1	
	Het P			N.S.	
Fixed	RR			4.55	
	RR1			3.50	
	RRu			5.92	
	P			+++	
Random	RR			4.28	
	RR1			2.62	
	RRu			7.00	
	P			+++	

Appendix Table E15 - 4

IESLC - Meta-analysis of Current Smoking by amount, Cigars only
 All Lung Cancer types
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	NCIGL	NCIGH	NC1	NC2	LC TYPE	LOC	START	STYP	ADJ	DENOM
CPSI	154	m	35	99	wh	0	1	10	1	0	all	NAmer	1959	prosp	1	nev any
CPSI	155	m	35	99	wh	0	11	20	0	0	all	NAmer	1959	prosp	1	nev any
CPSI	156	m	35	99	wh	0	21	99	2	3	all	NAmer	1959	prosp	1	nev any
DORN	164	m	35	84	wh	8	1	20	1	0	all	NAmer	1954	prosp	1	nev any
DORN	167	m	35	84	wh	8	21	40	0	0	all	NAmer	1954	prosp	1	nev any
DORN	169	m	35	84	wh	8	41	99	2	3	all	NAmer	1954	prosp	1	nev any
REF	NRR	Cigarette equivalent														
CPSI	154	1 cigar = 5 cigs (OA)														
CPSI	155	1 cigar = 5 cigs (OA)														
CPSI	156	1 cigar = 5 cigs (OA)														
DORN	164	1 cigar = 5 cigs (OA)														
DORN	167	1 cigar = 5 cigs (OA)														
DORN	169	1 cigar = 5 cigs (OA)														

Appendix Table E15 - 5

IESLC - Meta-analysis of Current Smoking by amount, Cigars only
All Lung Cancer types
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
*CPSI	154	m	1	-	-	-	-	1.44	(0.96-	2.15)
*CPSI	155	m	1	-	-	-	-	4.24	(3.17-	5.66)
*CPSI	156	m	1	-	-	-	-	4.68	(3.59-	6.12)
Subtotal CPSI										
*DORN	164	m	1	-	-	-	-	1.19	(0.64-	2.21)
*DORN	167	m	1	-	-	-	-	2.68	(1.42-	5.04)
*DORN	169	m	1	-	-	-	-	2.11	(0.52-	8.60)
Subtotal DORN										
Partial Totals				0	0	0	0			
*prospective study										

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
*CPSI	154	m	1	0.36	23.64		0.0763
*CPSI	155	m	1	1.44	45.73		0.0000
*CPSI	156	m	1	1.54	54.00		0.0000
Subtotal CPSI							
*DORN	164	m	1	0.17	10.00		0.5822
*DORN	167	m	1	0.99	9.58		0.0023
*DORN	169	m	1	0.75	1.95		0.2968
Subtotal DORN							

RR data

N	6
NS	2

Appendix Table E15 - 6

IESLC - Meta-analysis of Current Smoking by amount, Cigars only
All Lung Cancer types
Unadjusted

RR data

	N	6			
	NS	2			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	6		6	
	NS	2		2	
	Amount smoked (highest and lowest categories)				
	absent	LowK1	HighK99	Total	
	N	2	2	2	6
	NS	2	2	2	6
	Wt	33.64	55.96		
	Het Chi	0.26	1.20		
	Het df	1	1		
	Het P	N.S.	N.S.		
Fixed	RR	1.36	4.55		
	RR1	0.97	3.50		
	RRu	1.91	5.92		
	P	(+)	+++		
Random	RR	1.36	4.28		
	RR1	0.97	2.62		
	RRu	1.91	7.00		
	P	(+)	+++		
	Amount smoked (broad categories)				
	absent	<10k1	2-98k10	>10k99	Total
	N	4		2	6
	NS	2		2	4
	Wt			55.96	
	Het Chi			1.20	
	Het df			1	
	Het P			N.S.	
Fixed	RR			4.55	
	RR1			3.50	
	RRu			5.92	
	P			+++	
Random	RR			4.28	
	RR1			2.62	
	RRu			7.00	
	P			+++	

Appendix Table E15 - 7

IESLC - Meta-analysis of Current Smoking by amount, Cigars only
 All Lung Cancer types
 Excluded studies (and stage at which they were excluded)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ABELIN	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND
	BARBON	BECHER	BENHAM	BENSHL	BERRIN	BEST	BLOHMK	BLOT1	BLOT2	BLOT3	BLOT4	BOFFET	BOUCHA	BOUCOT	BRESLO	BRETT
	BROCKM	BROSS	BROWN1	BROWN2	BROWN3	BUELL	BUFFLE	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CEDERL	CHAN	CHANG	CHATZI
	CHEN	CHEN2	CHEN3	CHIAZZ	CHOI	CHOW	CHYOU	COMSTO	COOKSO	CORREA	CPSII	DAMBER	DARBY	DAVEYS	DEAN	DEAN2
	DEAN3	DEKLER	DESTE2	DESTEF	DOCKER	DOLL	DOLL2	DORANT	DORGAN	DOSEME	DROSTE	DU	DUNN	EBELIN	ENGELA	ENSTRO
	ESAKI	FAN	GAO	GAO2	GARCIA	GARDIN	GARSHI	GENG	GER	GILLIS	GODLEY	GOLLED	GOODMA	GRAHAM	GREGOR	GSELL
	GURSEL	HAENSZ	HAMMO2	HAMMON	HANSEN	HEGMAN	HEIN	HENNEK	HINDS	HIRAOK	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT
	HU	HU2	HUANG	HUMBLE	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW	KAISE2	KAISER
	KANELL	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK
	LAMTH	LAMWK	LAMWK2	LANGE	LAURIL	LAUSSM	LEI	LEMARC	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3
	LIU4	LIU5	LOMBA2	LOMBAR	LUBIN	LUBIN2	LUO	MACLEN	MAGNUS	MARSH	MARSH2	MARTIS	MASTRA	MATOS	MATSUD	MCCONN
	MCDUFF	MCLAUG	MIGRAN	MILLER	MILLS	MOLLO	MRFIT	MRFITR	MURATA	MZILEN	NAM	NOTAN2	NOTANI	NOU	ODRISC	ORMOS
	OSANN	OSANN2	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PEZZOT	PIKE	PISANI	POFFIJ	POLEDN	PRESKO
	QIAO	QIAO2	RACHTA	RADZIK	RANDIG	REN	RESTRE	RIMING	RONCO	ROOTS	ROTHSC	SAARIK	SADOWS	SANKAR	SCHWA2	SCHWAR
	SEGI	SEGI2	SEOW	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE	STOCKS	STOCKW
	STUCKE	SUN	SUZUK2	SUZUKI	SVENSS	TANG	TANG2	TAO	TENKAN	TIZZAN	TOKARS	TOUSEY	TSUGAN	TULINI	TVERDA	ULMER
	VANDER	VEIERO	VUTUC	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	WEIR	WICKLU	WIGLE	WILKIN	WU
	WU2	WUNSCH	WUWILL	WYNDE2	WYNDE3	WYNDE4	WYNDE5	WYNDE6	WYNDE7	WYNDE8	WYNDER	XIANGZ	XU	XU2	XU3	XU4
	YAMAGU	YONG	YUAN	ZHANG	ZHENG	ZHOU										

Appendix Table E15 - 8

IESLC - Meta-analysis of Current Smoking by amount, Cigars only
All Lung Cancer types
Potentially overlapping studies

REF |	REFGP |	PRINC |	.	OVERLAP/LINK |
CPSI	CPSI	1		CPSI overall