

## Appendix Table D1 -

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types

This analysis is restricted to results for:

- 1) 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) CIGTYP: filter only/NOS, always, mainly, both, equally, ever
  - 4) DENOM: plain only/NOS, always, mainly, ever
  - 5) PRODUCT: cigarettes regardless of other products, cigarettes only (Note only study ALDERS has both product definitions available)
  - 6) SMKSTA: ever, current. (Note only study MATOS has both ever and current available)
  - 7) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
  - 8) 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)
  - 9) Followup period (prospective studies): whole study (coded as 0) or longest available
  - 10) 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 D1 - 1

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM
AGUDO	17	f	0	0	all	-	all	Eu:wst	1989	CC	3	ever	cig only	only f	ever p
ALDERS	169	m	0	0	all	-	all	Eu:UK	1977	CC	2	current	cig+/-ot	always f	always p
ALDERS	16	f	0	0	all	-	all	Eu:UK	1977	CC	2	current	cig only	always f	always p
ARMADA	19	m	0	0	all	-	all	Eu:wst	1986	CC	2	ever	cig+/-ot	always f	always p
BECHER	10	m	0	0	all	-	all	Eu:Ger	1985	CC	2	ever	cig+/-ot	always f	ever p
BROSS	14	m	0	0	wh	-	all	NAMer	1960	CC	0	current	cig+/-ot	only f	p NOS
BUFFLE	54	f	0	0	w-hi	-	all	NAMer	1976	CC	0	ever	cig+/-ot	only f	p NOS
CHOI	30	m	0	0	all	-	all	As:oth	1985	CC	0	ever	cig+/-ot	only f	always p
CHOI	34	f	0	0	all	-	all	As:oth	1985	CC	0	ever	cig+/-ot	only f	always p
CORREA	65	c	0	0	all	-	all	NAMer	1979	CC	2	ever	cig+/-ot	only f	p NOS
CPSII	138	f	0	0	all	4	all	NAMer	1982	prosp	2	current	cig+/-ot	only f	mainly p
DEAN2	36	m	0	0	all	-	all	Eu:UK	1960	CC	0	ever	cig+/-ot	ever f	always p
DEAN2	42	f	0	0	all	-	all	Eu:UK	1960	CC	0	ever	cig+/-ot	ever f	always p
DEAN3	156	m	0	0	all	-	all	Eu:UK	1969	CC	2	current	cig only	only f	p NOS
DEAN3	162	f	0	0	all	-	all	Eu:UK	1969	CC	2	current	cig only	only f	p NOS
DESTEF	23	c	0	0	all	-	all	SCAmer	1993	CC	7	ever	cig+/-ot	always f	ever p
DESTEF	53	m	0	0	all	-	all	SCAmer	1988	CC	4	ever	cig+/-ot	always f	ever p
DOLL	47	m	0	0	all	-	all	Eu:UK	1948	CC	0	ever	cig+/-ot	ever f	always p
ENGELA	129	m	0	0	all	0	all	Eu:Sca	1964	prosp	7	current	cig+/-ot	only f	always p
ENGELA	198	f	0	0	all	0	all	Eu:Sca	1964	prosp	5	current	cig+/-ot	only f	always p
KAISE2	55	m	30	89	all	9	all	NAMer	1979	prosp	5	current	cig only	only f	p NOS
KAISE2	56	f	30	89	all	9	all	NAMer	1979	prosp	5	current	cig only	only f	p NOS
KHUDER	7	m	0	0	all	-	all	NAMer	1985	CC	0	ever	cig+/-ot	ever f	always p
LANGE	20	m	0	0	all	0	all	Eu:Sca	1976	prosp	2	current	cig only	only f	p NOS
LANGE	19	f	0	0	all	0	all	Eu:Sca	1976	prosp	2	current	cig only	only f	p NOS
LUBIN2	107	m	0	0	all	-	all	Eu:mul	1976	CC	3	ever	cig+/-ot	only f	always p
LUBIN2	115	f	0	0	all	-	all	Eu:mul	1976	CC	3	ever	cig+/-ot	only f	always p
MACLEN	85	f	0	0	ch	-	all	As:oth	1972	CC	0	current	cig+/-ot	ever f	always p
MATOS	37	m	0	0	all	-	all	SCAmer	1994	CC	4	ever	cig+/-ot	mainly f	mainly p
MIGRAN	100	m	0	0	all	0	all	Eu:UK	1964	prosp	3	current	cig only	only f	p NOS
MIGRAN	104	f	0	0	all	0	all	Eu:UK	1964	prosp	3	current	cig only	only f	p NOS
MRFITR	7	m	0	0	all	0	all	NAMer	1973	prosp	9	current	cig+/-ot	only f	p NOS
PEZZOT	24	m	0	0	all	-	all	SCAmer	1987	CC	4	ever	cig only	only f	ever p
RIMING	8	m	0	0	all	0	all	Eu:UK	1970	prosp	1	current	cig only	only f	p NOS
SEGI2	52	m	0	0	all	-	all	As:Jap	1962	CC	1	current	cig+/-ot	only f	p NOS
SOBUE	125	m	0	0	all	-	q+s+l+a	As:Jap	1986	CC	5	current	cig+/-ot	only f	p NOS
TANG2	1	m	0	0	all	0	all	Eu:UK	1967	prosp	3	current	cig only	only f	p NOS
WAKAI	64	m	0	0	all	-	all	As:Jap	1988	CC	5	current	cig+/-ot	only f	p NOS
WYNDE5	3	m	0	0	all	-	all	NAMer	1969	CC	0	current	cig+/-ot	ever f	always p
WYNDE5	6	f	0	0	all	-	all	NAMer	1969	CC	0	current	cig+/-ot	ever f	always p
WYNDE6	421	m	0	0	all	-	q+a	NAMer	1969	CC	3	current	cig+/-ot	only f	always p
WYNDE6	424	f	0	0	all	-	q+a	NAMer	1969	CC	3	current	cig+/-ot	only f	always p

Appendix Table D1 - 2

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
AGUDO	17	f	3	-	-	-	-	0.22	( 0.04-	1.27)
ALDERS	169	m	2	-	-	-	-	0.83	( 0.51-	1.34)
ALDERS	16	f	2	-	-	-	-	0.85	( 0.52-	1.38)
Subtotal ALDERS								0.84	( 0.60-	1.18)
ARMADA	19	m	2	-	-	-	-	0.70	( 0.40-	1.20)
BECHER	10	m	2	-	-	-	-	0.41	( 0.21-	0.81)
BROSS	14	m	0	65	76	200	138	0.59	( 0.40-	0.88)
BUFFLE	54	f	0	129	78	47	38	1.34	( 0.80-	2.23)
CHOI	30	m	0	43	103	15	2	0.06	( 0.01-	0.25)
CHOI	34	f	0	5	11	1	0	0.16	( 0.01-	4.58)
Subtotal CHOI								0.07	( 0.02-	0.27)
CORREA	65	c	2	-	-	-	-	0.55	( 0.35-	0.85)
*CPSII	138	f	2	-	-	-	-	0.66	( 0.57-	0.78)
DEAN2	36	m	0	20	17	644	529	0.97	( 0.50-	1.86)
DEAN2	42	f	0	12	2	50	26	3.12	( 0.65-	15.00)
Subtotal DEAN2								1.15	( 0.63-	2.11)
DEAN3	156	m	2	-	-	-	-	0.54	( 0.40-	0.73)
DEAN3	162	f	2	-	-	-	-	0.68	( 0.42-	1.11)
Subtotal DEAN3								0.58	( 0.45-	0.74)
DESTE2	23	c	7	-	-	-	-	0.73	( 0.51-	1.05)
DESTEF	53	m	4	-	-	-	-	0.72	( 0.54-	0.96)
DOLL	47	m	0	3	15	501	452	0.18	( 0.05-	0.63)
*ENGELA	129	m	7	-	-	-	-	0.67	( 0.30-	1.43)
*ENGELA	198	f	5	-	-	-	-	0.91	( 0.40-	2.00)
Subtotal ENGELA								0.78	( 0.44-	1.36)
*KAISE2	55	m	5	-	-	-	-	1.03	( 0.61-	1.75)
*KAISE2	56	f	5	-	-	-	-	0.65	( 0.32-	1.31)
Subtotal KAISE2								0.87	( 0.57-	1.33)
KHUDE	7	m	0	173	440	284	334	0.46	( 0.36-	0.59)
*LANGE	20	m	2	-	-	-	-	0.90	( 0.60-	1.40)
*LANGE	19	f	2	-	-	-	-	0.70	( 0.40-	1.40)
Subtotal LANGE								0.83	( 0.59-	1.18)
LUBIN2	107	m	3	-	-	-	-	0.48	( 0.40-	0.56)
LUBIN2	115	f	3	-	-	-	-	0.43	( 0.22-	0.85)
Subtotal LUBIN2								0.48	( 0.41-	0.56)
MACLEN	85	f	0	15	13	21	14	0.77	( 0.28-	2.10)
MATOS	37	m	4	-	-	-	-	1.25	( 0.67-	2.50)
*MIGRAN	100	m	3	-	-	-	-	1.17	( 0.79-	1.72)
*MIGRAN	104	f	3	-	-	-	-	1.01	( 0.43-	2.37)
Subtotal MIGRAN								1.14	( 0.80-	1.63)
*MRFITR	7	m	9	-	-	-	-	0.53	( 0.24-	1.17)
PEZZOT	24	m	4	-	-	-	-	0.29	( 0.20-	0.41)
*RIMING	8	m	1	-	-	-	-	0.65	( 0.44-	0.96)
SEGI2	52	m	1	-	-	-	-	0.62	( 0.45-	0.85)
SOBUE	125	m	5	-	-	-	-	0.67	( 0.38-	1.11)
*TANG2	1	m	3	-	-	-	-	0.94	( 0.75-	1.18)
WAKAI	64	m	5	-	-	-	-	1.02	( 0.31-	3.33)
WYNDE5	3	m	0	417	629	273	398	0.97	( 0.79-	1.18)
WYNDE5	6	f	0	152	200	34	30	0.67	( 0.39-	1.14)
Subtotal WYNDE5								0.92	( 0.77-	1.11)
WYNDE6	421	m	3	-	-	-	-	0.92	( 0.65-	1.29)
WYNDE6	424	f	3	-	-	-	-	0.68	( 0.39-	1.19)
Subtotal WYNDE6								0.85	( 0.63-	1.13)
Partial Totals				1034	1584	2070	1961			
*prospective study									~ With 0.5 adjustment for zero	

Appendix Table D1 - 2

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All Lung Cancer types  
Adjusted

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
AGUDO	17	f	3	-1.51	1.29	1.60	0.0861
ALDERS	169	m	2	-0.19	16.47	0.74	0.4496
ALDERS	16	f	2	-0.16	16.13	0.89	0.5139
Subtotal ALDERS				0.45	32.60	1.63	
ARMADA	19	m	2	-0.36	12.73	0.02	0.2031
BECHER	10	m	2	-0.89	8.43	2.06	0.0096
BROSS	14	m	0	-0.53	24.52	0.41	0.0090
BUFFLE	54	f	0	0.29	14.67	6.95	0.2658
CHOI	30	m	0	-2.89	1.67	10.35	0.0002
CHOI	34	f	0	-1.84	0.34	0.70	0.2838
Subtotal CHOI				-3.93	2.01	11.05	
CORREA	65	c	2	-0.60	19.52	0.78	0.0083
*CPSII	138	f	2	-0.42	156.19	0.05	0.0000
DEAN2	36	m	0	-0.03	8.91	1.18	0.9187
DEAN2	42	f	0	1.14	1.56	3.67	0.1555
Subtotal DEAN2				1.90	10.47	4.85	
DEAN3	156	m	2	-0.62	42.46	2.03	0.0001
DEAN3	162	f	2	-0.39	16.27	0.00	0.1198
Subtotal DEAN3				-0.21	58.73	2.03	
DESTE2	23	c	7	-0.31	29.47	0.20	0.0876
DESTEF	53	m	4	-0.33	46.42	0.22	0.0252
DOLL	47	m	0	-1.71	2.47	4.28	0.0071
*ENGELA	129	m	7	-0.40	6.30	0.00	0.3148
*ENGELA	198	f	5	-0.09	5.93	0.55	0.8183
Subtotal ENGELA				0.30	12.23	0.55	
*KAISE2	55	m	5	0.03	13.83	2.52	0.9125
*KAISE2	56	f	5	-0.43	7.73	0.01	0.2309
Subtotal KAISE2				0.39	21.57	2.53	
KHUDE7	7	m	0	-0.77	68.64	9.58	0.0000
*LANGE	20	m	2	-0.11	21.40	1.83	0.6259
*LANGE	19	f	2	-0.36	9.79	0.02	0.2644
Subtotal LANGE				0.33	31.19	1.85	
LUBIN2	107	m	3	-0.73	135.72	15.35	0.0000
LUBIN2	115	f	3	-0.84	8.41	1.68	0.0144
Subtotal LUBIN2				-0.78	144.14	17.03	
MACLEN	85	f	0	-0.26	3.81	0.07	0.6087
MATOS	37	m	4	0.22	8.86	3.42	0.5065
*MIGRAN	100	m	3	0.16	25.38	7.81	0.4289
*MIGRAN	104	f	3	0.01	5.27	0.88	0.9818
Subtotal MIGRAN				0.96	30.66	8.69	
*MRFITR	7	m	9	-0.63	6.12	0.34	0.1162
PEZZOT	24	m	4	-1.24	29.82	21.05	0.0000
*RIMING	8	m	1	-0.43	25.25	0.03	0.0304
SEGI2	52	m	1	-0.48	37.99	0.25	0.0032
SOBUE	125	m	5	-0.40	13.37	0.00	0.1431
*TANG2	1	m	3	-0.06	74.81	8.43	0.5925
WAKAI	64	m	5	0.02	2.73	0.48	0.9739
WYNDE5	3	m	0	-0.03	98.39	13.01	0.7354
WYNDE5	6	f	0	-0.40	13.45	0.00	0.1427
Subtotal WYNDE5				0.36	111.85	13.01	
WYNDE6	421	m	3	-0.08	32.71	3.23	0.6335
WYNDE6	424	f	3	-0.39	12.35	0.00	0.1754
Subtotal WYNDE6				0.33	45.05	3.23	

## Appendix Table D1 - 2

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
 Adjusted

RR data

	N	42
	NS	31
	Wt	1087.58
Het	Chi	126.66
Het	df	41
Het	P	***
Fixed	RR	0.67
	RRl	0.63
	RRu	0.71
	P	---
Random	RR	0.69
	RRl	0.61
	RRu	0.78
	P	---

Appendix Table D1 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
 All Lung Cancer types  
 Adjusted

RR data

N	42			
NS	31			
Wt	1087.58			
Het Chi	126.66			
Het df	41			
Het P	***			
Fixed RR	0.67			
RR1	0.63			
RRu	0.71			
P	---			
Random RR	0.69			
RR1	0.61			
RRu	0.78			
P	---			
RR Description:Sex(RR)				
	combined	male	female	Total
N	2	25	15	42
NS	2	25	15	42
Wt	48.98	765.41	273.19	1087.58
Het Chi	0.94	108.44	16.47	126.66
Het df	1	24	14	41
Het P	N.S.	***	N.S.	***
Fixed RR	0.65	0.66	0.70	0.67
RR1	0.49	0.62	0.63	0.63
RRu	0.86	0.71	0.79	0.71
P	--	---	---	---
Random RR	0.65	0.67	0.73	0.69
RR1	0.49	0.56	0.62	0.61
RRu	0.86	0.79	0.86	0.78
P	--	---	---	---
Between Chi				0.80
Between df				2
Between P				N.S.

MALES

All LC (or nearest)			
	all	other	Total
N	23	2	25
NS	23	2	25
Wt	719.33	46.08	765.41
Het Chi	104.73	0.95	108.44
Het df	22	1	24
Het P	***	N.S.	***
Fixed RR	0.65	0.84	0.66
RR1	0.61	0.63	0.62
RRu	0.70	1.12	0.71
P	---	N.S.	---
Random RR	0.65	0.84	0.67
RR1	0.55	0.63	0.56
RRu	0.78	1.12	0.79
P	---	N.S.	---
Between Chi			2.75
Between df			1
Between P			(*)

Appendix Table D1 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

MALES

		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data									
	N	6	3	12	4			25	
	NS	6	3	12	4			25	
	Wt	244.21	85.10	380.34	55.76			765.41	
	Het Chi	27.18	21.55	43.46	10.40			108.44	
	Het df	5	2	11	3			24	
	Het P	***	***	***	*			***	
Fixed	RR	0.73	0.55	0.65	0.60			0.66	
	RRl	0.65	0.45	0.59	0.46			0.62	
	RRu	0.83	0.69	0.72	0.78			0.71	
	P	---	---	---	---			---	
Random	RR	0.72	0.62	0.69	0.51			0.67	
	RRl	0.52	0.29	0.55	0.26			0.56	
	RRu	1.00	1.33	0.87	0.98			0.79	
	P	(-)	N.S.	--	-			---	
Between	Chi							5.86	
Between	df							3	
Between	P							N.S.	
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N	1	7	1	2	1			12
	NS	1	7	1	2	1			12
	Wt	135.72	195.75	8.43	27.70	12.73			380.34
	Het Chi	0.00	19.08	0.00	0.42	0.00			43.46
	Het df	0	6	0	1	0			11
	Het P	N.S.	**	N.S.	N.S.	N.S.			***
Fixed	RR	0.48	0.79	0.41	0.84	0.70			0.65
	RRl	0.41	0.69	0.21	0.58	0.40			0.59
	RRu	0.57	0.91	0.81	1.22	1.21			0.72
	P	---	--	--	N.S.	N.S.			---
Random	RR	0.48	0.76	0.41	0.84	0.70			0.69
	RRl	0.41	0.57	0.21	0.58	0.40			0.55
	RRu	0.57	1.01	0.81	1.22	1.21			0.87
	P	---	(-)	--	N.S.	N.S.			--
Between	Chi								23.96
Between	df								4
Between	P								***
		Country in Asia							
		China	Japan	India	other	Total			
	N		3		1	4			
	NS		3		1	4			
	Wt		54.09		1.67	55.76			
	Het Chi		0.65		0.00	10.40			
	Het df		2		0	3			
	Het P		N.S.		N.S.	*			
Fixed	RR		0.65		0.06	0.60			
	RRl		0.50		0.01	0.46			
	RRu		0.85		0.25	0.78			
	P		--		---	---			
Random	RR		0.65		0.06	0.51			
	RRl		0.50		0.01	0.26			
	RRu		0.85		0.25	0.98			
	P		--		---	-			
Between	Chi					9.75			
Between	df					1			
Between	P					**			

Appendix Table D1 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

		Start year of study						
		<1960	1960-69	1970-79	1980-89	1990+	Total	
RR data								
	N	1	9	6	8	1	25	
	NS	1	9	6	8	1	25	
	Wt	2.47	351.47	218.80	183.81	8.86	765.41	
	Het Chi	0.00	21.20	16.05	27.78	0.00	108.44	
	Het df	0	8	5	7	0	24	
	Het P	N.S.	**	**	***	N.S.	***	
Fixed	RR	0.18	0.83	0.58	0.50	1.25	0.66	
	RRl	0.05	0.74	0.51	0.43	0.65	0.62	
	RRu	0.63	0.92	0.66	0.58	2.41	0.71	
	P	---	---	---	---	N.S.	---	
Random	RR	0.18	0.80	0.70	0.49	1.25	0.67	
	RRl	0.05	0.66	0.52	0.35	0.65	0.56	
	RRu	0.63	0.96	0.94	0.68	2.41	0.79	
	P	--	-	-	---	N.S.	---	
Between	Chi						43.41	
Between	df						4	
Between	P						***	
		Study type						
		CC	prosp	other	Total			
	N	18	7		25			
	NS	18	7		25			
	Wt	592.30	173.10		765.41			
	Het Chi	81.49	7.07		108.44			
	Het df	17	6		24			
	Het P	***	N.S.		***			
Fixed	RR	0.61	0.89		0.66			
	RRl	0.56	0.77		0.62			
	RRu	0.66	1.04		0.71			
	P	---	N.S.		---			
Random	RR	0.61	0.88		0.67			
	RRl	0.50	0.74		0.56			
	RRu	0.74	1.05		0.79			
	P	---	N.S.		---			
Between	Chi				19.88			
Between	df				1			
Between	P				***			
		Number of adjustment variables						
		0	1	2	3-5	6-9	10+/-nk	Total
	N	6	2	5	10	2		25
	NS	6	2	5	10	2		25
	Wt	204.60	63.23	101.49	383.66	12.42		765.41
	Het Chi	38.77	0.03	6.57	62.44	0.17		108.44
	Het df	5	1	4	9	1		24
	Het P	***	N.S.	N.S.	***	N.S.		***
Fixed	RR	0.68	0.63	0.65	0.66	0.60		0.66
	RRl	0.59	0.49	0.54	0.60	0.34		0.62
	RRu	0.78	0.81	0.79	0.73	1.04		0.71
	P	---	---	---	---	(-)		---
Random	RR	0.51	0.63	0.66	0.75	0.60		0.67
	RRl	0.31	0.49	0.51	0.56	0.34		0.56
	RRu	0.84	0.81	0.86	1.01	1.04		0.79
	P	--	---	--	(-)	(-)		---
Between	Chi							0.46
Between	df							4
Between	P							N.S.



Appendix Table D1 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

MALES		Smoking status						
		ever	current	Total				
RR data								
	N	10	15	25				
	NS	10	15	25				
	Wt	323.68	441.73	765.41				
	Het Chi	39.35	25.06	108.44				
	Het df	9	14	24				
	Het P	***	*	***				
Fixed	RR	0.50	0.81	0.66				
	RR1	0.45	0.74	0.62				
	RRu	0.56	0.89	0.71				
	P	---	---	---				
Random	RR	0.51	0.79	0.67				
	RR1	0.38	0.69	0.56				
	RRu	0.67	0.91	0.79				
	P	---	---	---				
Between	Chi			44.02				
Between	df			1				
Between	P			***				
		Product						
		cig+/-ot	cig only	Total				
	N	18	7	25				
	NS	18	7	25				
	Wt	532.45	232.96	765.41				
	Het Chi	63.48	42.58	108.44				
	Het df	17	6	24				
	Het P	***	***	***				
Fixed	RR	0.64	0.72	0.66				
	RR1	0.59	0.63	0.62				
	RRu	0.69	0.82	0.71				
	P	---	---	---				
Random	RR	0.65	0.72	0.67				
	RR1	0.53	0.50	0.56				
	RRu	0.78	1.02	0.79				
	P	---	(-)	---				
Between	Chi			2.38				
Between	df			1				
Between	P			N.S.				
		Cigarette type						
		only f	always f	mainly f	equal p&f	both p&f	ever f	Total
	N	16	4	1			4	25
	NS	16	4	1			4	25
	Wt	494.09	84.05	8.86			178.42	765.41
	Het Chi	72.30	2.93	0.00			27.47	108.44
	Het df	15	3	0			3	24
	Het P	***	N.S.	N.S.			***	***
Fixed	RR	0.63	0.70	1.25			0.71	0.66
	RR1	0.58	0.56	0.65			0.61	0.62
	RRu	0.69	0.86	2.41			0.82	0.71
	P	---	---	N.S.			---	---
Random	RR	0.65	0.70	1.25			0.62	0.67
	RR1	0.52	0.56	0.65			0.35	0.56
	RRu	0.81	0.86	2.41			1.09	0.79
	P	---	---	N.S.			(-)	---
Between	Chi							5.75
Between	df							3
Between	P							N.S.

Appendix Table D1 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
 All Lung Cancer types  
 Adjusted

MALES

Denominator  
 ever p mainly p p NOS always p Total

RR data

N	3	1	11	10	25
NS	3	1	11	10	25
Wt	84.67	8.86	287.87	384.01	765.41
Het Chi	15.34	0.00	19.96	56.05	108.44
Het df	2	0	10	9	24
Het P	***	N.S.	*	***	***
Fixed RR	0.49	1.25	0.76	0.63	0.66
RRl	0.40	0.65	0.68	0.57	0.62
RRu	0.61	2.41	0.85	0.69	0.71
P	---	N.S.	---	---	---
Random RR	0.45	1.25	0.75	0.62	0.67
RRl	0.23	0.65	0.63	0.46	0.56
RRu	0.86	2.41	0.89	0.84	0.79
P	-	N.S.	--	--	---
Between Chi					17.10
Between df					3
Between P					***

FEMALES

All LC (or nearest)  
 all other Total

N	14	1	15
NS	14	1	15
Wt	260.85	12.35	273.19
Het Chi	16.46	0.00	16.47
Het df	13	0	14
Het P	N.S.	N.S.	N.S.
Fixed RR	0.71	0.68	0.70
RRl	0.62	0.39	0.63
RRu	0.80	1.19	0.79
P	---	N.S.	---
Random RR	0.74	0.68	0.73
RRl	0.62	0.39	0.62
RRu	0.88	1.19	0.86
P	---	N.S.	---
Between Chi			0.02
Between df			1
Between P			N.S.

Continent

NAmer SCAmer Europe Asia Auslia Africa Total

N	5		8	2			15
NS	5		8	2			15
Wt	204.39		64.65	4.15			273.19
Het Chi	6.76		8.81	0.77			16.47
Het df	4		7	1			14
Het P	N.S.		N.S.	N.S.			N.S.
Fixed RR	0.70		0.73	0.68			0.70
RRl	0.61		0.57	0.26			0.63
RRu	0.80		0.93	1.77			0.79
P	---		-	N.S.			---
Random RR	0.75		0.73	0.68			0.73
RRl	0.58		0.55	0.26			0.62
RRu	0.96		0.98	1.77			0.86
P	-		-	N.S.			---
Between Chi							0.13
Between df							2

Appendix Table D1 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
 Adjusted

FEMALES

		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data	Between	P							
		N.S.							
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N	1	4		2	1			8
	NS	1	4		2	1			8
	Wt	8.41	39.23		15.72	1.29			64.65
	Het Chi	0.00	3.59		0.25	0.00			8.81
	Het df	0	3		1	0			7
	Het P	N.S.	N.S.		N.S.	N.S.			N.S.
	Fixed RR	0.43	0.84		0.77	0.22			0.73
	RR1	0.22	0.61		0.47	0.04			0.57
	RRu	0.85	1.14		1.27	1.24			0.93
	P	-	N.S.		N.S.	(-)			-
	Random RR	0.43	0.85		0.77	0.22			0.73
	RR1	0.22	0.60		0.47	0.04			0.55
	RRu	0.85	1.22		1.27	1.24			0.98
	P	-	N.S.		N.S.	(-)			-
	Between Chi								4.97
	Between df								3
	Between P								N.S.
		Country in Asia							
		China	Japan	India	other	Total			
	N				2	2			
	NS				2	2			
	Wt				4.15	4.15			
	Het Chi				0.77	0.77			
	Het df				1	1			
	Het P				N.S.	N.S.			
	Fixed RR				0.68	0.68			
	RR1				0.26	0.26			
	RRu				1.77	1.77			
	P				N.S.	N.S.			
	Random RR				0.68	0.68			
	RR1				0.26	0.26			
	RRu				1.77	1.77			
	P				N.S.	N.S.			
	Between Chi								
	Between df								
	Between P						N.S.		

Appendix Table D1 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

FEMALES

Start year of study  
<1960    1960-69    1970-79    1980-89    1990+    Total

RR data

	N	6	6	3	15
	NS	6	6	3	15
	Wt	54.83	60.55	157.81	273.19
	Het Chi	4.29	7.69	2.22	16.47
	Het df	5	5	2	14
	Het P	N.S.	N.S.	N.S.	N.S.
Fixed	RR	0.76	0.80	0.65	0.70
	RRl	0.58	0.62	0.56	0.63
	RRu	0.99	1.03	0.76	0.79
	P	-	(-)	---	---
Random	RR	0.76	0.78	0.59	0.73
	RRl	0.58	0.57	0.35	0.62
	RRu	0.99	1.07	0.97	0.86
	P	-	N.S.	-	---
Between	Chi				2.28
Between	df				2
Between	P				N.S.

Study type  
CC    prosp    other    Total

	N	10	5	15
	NS	10	5	15
	Wt	88.27	184.92	273.19
	Het Chi	14.09	1.49	16.47
	Het df	9	4	14
	Het P	N.S.	N.S.	N.S.
Fixed	RR	0.76	0.68	0.70
	RRl	0.62	0.59	0.63
	RRu	0.94	0.78	0.79
	P	-	---	---
Random	RR	0.75	0.68	0.73
	RRl	0.57	0.59	0.62
	RRu	1.00	0.78	0.86
	P	-	---	---
Between	Chi			0.90
Between	df			1
Between	P			N.S.

Number of adjustment variables

0    1    2    3-5    6-9    10+ / +nk    Total

	N	5	4	6	15
	NS	5	4	6	15
	Wt	33.83	198.38	40.98	273.19
	Het Chi	6.79	0.95	4.67	16.47
	Het df	4	3	5	14
	Het P	N.S.	N.S.	N.S.	N.S.
Fixed	RR	0.97	0.68	0.65	0.70
	RRl	0.69	0.59	0.48	0.63
	RRu	1.36	0.78	0.88	0.79
	P	N.S.	---	--	---
Random	RR	0.98	0.68	0.65	0.73
	RRl	0.58	0.59	0.48	0.62
	RRu	1.65	0.78	0.88	0.86
	P	N.S.	---	--	---
Between	Chi				4.07
Between	df				2
Between	P				N.S.

Appendix Table D1 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

FEMALES

		Smoking status		Total			
		ever	current				
RR data	N	5	10	15			
	NS	5	10	15			
	Wt	26.27	246.93	273.19			
	Het Chi	12.84	2.32	16.47			
	Het df	4	9	14			
	Het P	*	N.S.	N.S.			
Fixed	RR	0.87	0.69	0.70			
	RRl	0.59	0.61	0.63			
	RRu	1.28	0.78	0.79			
	P	N.S.	---	---			
Random	RR	0.74	0.69	0.73			
	RRl	0.30	0.61	0.62			
	RRu	1.80	0.78	0.86			
	P	N.S.	---	---			
Between	Chi			1.31			
Between	df			1			
Between	P			N.S.			
	Product		Total				
	cig+/-ot	cig only					
	N	9	6	15			
	NS	9	6	15			
	Wt	216.71	56.48	273.19			
	Het Chi	13.38	2.98	16.47			
	Het df	8	5	14			
	Het P	(*)	N.S.	N.S.			
Fixed	RR	0.70	0.73	0.70			
	RRl	0.61	0.56	0.63			
	RRu	0.80	0.95	0.79			
	P	---	-	---			
Random	RR	0.75	0.73	0.73			
	RRl	0.58	0.56	0.62			
	RRu	0.98	0.95	0.86			
	P	-	-	---			
Between	Chi			0.11			
Between	df			1			
Between	P			N.S.			
	Cigarette type						
	only f	always f	mainly f	equal p&f	both p&f	ever f	Total
	N	11	1			3	15
	NS	11	1			3	15
	Wt	238.24	16.13			18.82	273.19
	Het Chi	12.28	0.00			3.30	16.47
	Het df	10	0			2	14
	Het P	N.S.	N.S.			N.S.	N.S.
Fixed	RR	0.69	0.85			0.78	0.70
	RRl	0.61	0.52			0.50	0.63
	RRu	0.78	1.38			1.23	0.79
	P	---	N.S.			N.S.	---
Random	RR	0.71	0.85			0.89	0.73
	RRl	0.59	0.52			0.44	0.62
	RRu	0.85	1.38			1.78	0.86
	P	---	N.S.			N.S.	---
Between	Chi						0.89
Between	df						2
Between	P						N.S.

Appendix Table D1 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
 Adjusted

FEMALES

		Denominator				
	ever	p	mainly	p	NOS always	Total
RR data	N	1	1	5	8	15
	NS	1	1	5	8	15
	Wt	1.29	156.19	53.74	61.98	273.19
	Het Chi	0.00	0.00	4.90	7.25	16.47
	Het df	0	0	4	7	14
	Het P	N.S.	N.S.	N.S.	N.S.	N.S.
Fixed	RR	0.22	0.66	0.85	0.72	0.70
	RRl	0.04	0.56	0.65	0.56	0.63
	RRu	1.24	0.77	1.11	0.92	0.79
	P	(-)	---	N.S.	-	---
Random	RR	0.22	0.66	0.85	0.72	0.73
	RRl	0.04	0.56	0.63	0.56	0.62
	RRu	1.24	0.77	1.14	0.93	0.86
	P	(-)	---	N.S.	-	---
Between	Chi					4.31
Between	df					3
Between	P					N.S.

Appendix Table D1 - 4

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STTYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM
AGUDO	18	f	0	0	all	-	all	Eu:wst	1989	CC	0	ever	cig only	only f	ever p
ALDERS	168	m	0	0	all	-	all	Eu:UK	1977	CC	0	current	cig+/-ot	always f	always p
ALDERS	15	f	0	0	all	-	all	Eu:UK	1977	CC	0	current	cig only	always f	always p
ARMADA	17	m	0	0	all	-	all	Eu:wst	1986	CC	0	ever	cig+/-ot	always f	always p
BECHER	9	m	0	0	all	-	all	Eu:Ger	1985	CC	0	ever	cig+/-ot	always f	ever p
BROSS	14	m	0	0	wh	-	all	NAMer	1960	CC	0	current	cig+/-ot	only f	p NOS
BUFFLE	54	f	0	0	w-hi	-	all	NAMer	1976	CC	0	ever	cig+/-ot	only f	p NOS
CHOI	30	m	0	0	all	-	all	As:oth	1985	CC	0	ever	cig+/-ot	only f	always p
CHOI	34	f	0	0	all	-	all	As:oth	1985	CC	0	ever	cig+/-ot	only f	always p
CORREA	65	c	0	0	all	-	all	NAMer	1979	CC	2	ever	cig+/-ot	only f	p NOS
CPSII	138	f	0	0	all	4	all	NAMer	1982	prosp	2	current	cig+/-ot	only f	mainly p
DEAN2	36	m	0	0	all	-	all	Eu:UK	1960	CC	0	ever	cig+/-ot	ever f	always p
DEAN2	42	f	0	0	all	-	all	Eu:UK	1960	CC	0	ever	cig+/-ot	ever f	always p
DEAN3	155	m	0	0	all	-	all	Eu:UK	1969	CC	0	current	cig only	only f	p NOS
DEAN3	161	f	0	0	all	-	all	Eu:UK	1969	CC	0	current	cig only	only f	p NOS
DESTEF	22	c	0	0	all	-	all	SCAmer	1993	CC	0	ever	cig+/-ot	always f	ever p
DESTEF	52	m	0	0	all	-	all	SCAmer	1988	CC	0	ever	cig+/-ot	always f	ever p
DOLL	47	m	0	0	all	-	all	Eu:UK	1948	CC	0	ever	cig+/-ot	ever f	always p
ENGELA	105	m	0	0	all	0	all	Eu:Sca	1964	prosp	0	current	cig+/-ot	only f	always p
ENGELA	114	f	0	0	all	0	all	Eu:Sca	1964	prosp	0	current	cig+/-ot	only f	always p
KAISE2	55	m	30	89	all	9	all	NAMer	1979	prosp	5	current	cig only	only f	p NOS
KAISE2	56	f	30	89	all	9	all	NAMer	1979	prosp	5	current	cig only	only f	p NOS
KHUDER	7	m	0	0	all	-	all	NAMer	1985	CC	0	ever	cig+/-ot	ever f	always p
LANGE	42	m	0	0	all	0	all	Eu:Sca	1976	prosp	0	current	cig only	only f	p NOS
LANGE	41	f	0	0	all	0	all	Eu:Sca	1976	prosp	0	current	cig only	only f	p NOS
LUBIN2	119	m	0	0	all	-	all	Eu:mul	1976	CC	0	ever	cig+/-ot	only f	always p
LUBIN2	123	f	0	0	all	-	all	Eu:mul	1976	CC	0	ever	cig+/-ot	only f	always p
MACLEN	85	f	0	0	ch	-	all	As:oth	1972	CC	0	current	cig+/-ot	ever f	always p
MATOS	72	m	0	0	all	-	all	SCAmer	1994	CC	0	ever	cig+/-ot	mainly f	mainly p
MIGRAN	99	m	0	0	all	0	all	Eu:UK	1964	prosp	0	current	cig only	only f	p NOS
MIGRAN	103	f	0	0	all	0	all	Eu:UK	1964	prosp	0	current	cig only	only f	p NOS
MRFITR	7	m	0	0	all	0	all	NAMer	1973	prosp	9	current	cig+/-ot	only f	p NOS
PEZZOT	23	m	0	0	all	-	all	SCAmer	1987	CC	2	ever	cig only	only f	ever p
RIMING	4	m	0	0	all	0	all	Eu:UK	1970	prosp	0	current	cig only	only f	p NOS
SEGI2	51	m	0	0	all	-	all	As:Jap	1962	CC	0	current	cig+/-ot	only f	p NOS
SOBUE	122	m	0	0	all	-	q+s+l+a	As:Jap	1986	CC	0	current	cig+/-ot	only f	p NOS
TANG2	1	m	0	0	all	0	all	Eu:UK	1967	prosp	3	current	cig only	only f	p NOS
WAKAI	63	m	0	0	all	-	all	As:Jap	1988	CC	0	current	cig+/-ot	only f	p NOS
WYNDE5	3	m	0	0	all	-	all	NAMer	1969	CC	0	current	cig+/-ot	ever f	always p
WYNDE5	6	f	0	0	all	-	all	NAMer	1969	CC	0	current	cig+/-ot	ever f	always p
WYNDE6	415	m	0	0	all	-	q+a	NAMer	1969	CC	0	current	cig+/-ot	only f	always p
WYNDE6	418	f	0	0	all	-	q+a	NAMer	1969	CC	0	current	cig+/-ot	only f	always p

Appendix Table D1 - 5

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
AGUDO	18	f	0	14	21	8	2	0.17	( 0.03- 0.90)
ALDERS	168	m	0	53	40	178	97	0.72	( 0.45- 1.17)
ALDERS	15	f	0	134	100	62	37	0.80	( 0.49- 1.30)
Subtotal ALDERS								0.76	( 0.54- 1.07)
ARMADA	17	m	0	57	72	63	55	0.69	( 0.42- 1.14)
BECHER	9	m	0	102	196	35	21	0.31	( 0.17- 0.56)
BROSS	14	m	0	65	76	200	138	0.59	( 0.40- 0.88)
BUFFLE	54	f	0	129	78	47	38	1.34	( 0.80- 2.23)
CHOI	30	m	0	43	103	15	2	0.06	( 0.01- 0.25)
CHOI	34	f	0	5	11	1	0	0.16	( 0.01- 4.58)
Subtotal CHOI								0.07	( 0.02- 0.27)
CORREA	65	c	2	-	-	-	-	0.55	( 0.35- 0.85)
*CPSII	138	f	2	-	-	-	-	0.66	( 0.57- 0.78)
DEAN2	36	m	0	20	17	644	529	0.97	( 0.50- 1.86)
DEAN2	42	f	0	12	2	50	26	3.12	( 0.65- 15.00)
Subtotal DEAN2								1.15	( 0.63- 2.11)
DEAN3	155	m	0	108	522	210	366	0.36	( 0.28- 0.47)
DEAN3	161	f	0	66	888	30	228	0.56	( 0.36- 0.89)
Subtotal DEAN3								0.40	( 0.32- 0.51)
DESTE2	22	c	0	158	128	142	84	0.73	( 0.51- 1.04)
DESTEF	52	m	0	178	156	292	178	0.70	( 0.52- 0.92)
DOLL	47	m	0	3	15	501	452	0.18	( 0.05- 0.63)
*ENGELA	105	m	0	7	5257	38	15055	0.53	( 0.24- 1.18)
*ENGELA	114	f	0	11	23317	11	13521	0.58	( 0.25- 1.34)
Subtotal ENGELA								0.55	( 0.31- 0.99)
*KAISE2	55	m	5	-	-	-	-	1.03	( 0.61- 1.75)
*KAISE2	56	f	5	-	-	-	-	0.65	( 0.32- 1.31)
Subtotal KAISE2								0.87	( 0.57- 1.33)
KHUDE	7	m	0	173	440	284	334	0.46	( 0.36- 0.59)
*LANGE	42	m	0	25	953	65	1642	0.66	( 0.42- 1.04)
*LANGE	41	f	0	19	2269	20	1344	0.56	( 0.30- 1.05)
Subtotal LANGE								0.63	( 0.43- 0.90)
LUBIN2	119	m	0	326	851	1737	2988	0.66	( 0.57- 0.76)
LUBIN2	123	f	0	102	184	56	53	0.52	( 0.34- 0.82)
Subtotal LUBIN2								0.65	( 0.56- 0.74)
MACLEN	85	f	0	15	13	21	14	0.77	( 0.28- 2.10)
MATOS	72	m	0	163	229	22	46	1.49	( 0.86- 2.57)
*MIGRAN	99	m	0	47	1326	57	1630	1.01	( 0.69- 1.48)
*MIGRAN	103	f	0	15	1773	8	871	0.92	( 0.39- 2.16)
Subtotal MIGRAN								1.00	( 0.71- 1.41)
*MRFITR	7	m	9	-	-	-	-	0.53	( 0.24- 1.17)
PEZZOT	23	m	2	-	-	-	-	0.23	( 0.16- 0.34)
*RIMING	4	m	0	45	3045	59	2393	0.60	( 0.41- 0.88)
SEGI2	51	m	0	105	250	135	203	0.63	( 0.46- 0.87)
SOBUE	122	m	0	560	540	49	26	0.55	( 0.34- 0.90)
*TANG2	1	m	3	-	-	-	-	0.94	( 0.75- 1.18)
WAKAI	63	m	0	174	271	5	9	1.16	( 0.38- 3.51)
WYNDE5	3	m	0	417	629	273	398	0.97	( 0.79- 1.18)
WYNDE5	6	f	0	152	200	34	30	0.67	( 0.39- 1.14)
Subtotal WYNDE5								0.92	( 0.77- 1.11)
WYNDE6	415	m	0	150	122	294	165	0.69	( 0.51- 0.94)
WYNDE6	418	f	0	215	158	65	30	0.63	( 0.39- 1.01)
Subtotal WYNDE6								0.67	( 0.52- 0.87)
Partial Totals				3868	44252	5711	43005		
*prospective study									~ With 0.5 adjustment for zero



Appendix Table D1 - 5

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
 All Lung Cancer types  
 Unadjusted

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
AGUDO	18	f	0	-1.79	1.34	2.53	0.0378
ALDERS	168	m	0	-0.33	16.72	0.15	0.1829
ALDERS	15	f	0	-0.22	16.50	0.63	0.3639
Subtotal ALDERS				0.29	33.22	0.78	
ARMADA	17	m	0	-0.37	15.27	0.04	0.1489
BECHER	9	m	0	-1.16	10.98	6.08	0.0001
BROSS	14	m	0	-0.53	24.52	0.29	0.0090
BUFFLE	54	f	0	0.29	14.67	7.40	0.2658
CHOI	30	m	0	-2.89	1.67	10.17	0.0002
CHOI	34	f	0	-1.84	0.34	0.68	0.2838
Subtotal CHOI				-3.89	2.01	10.85	
CORREA	65	c	2	-0.60	19.52	0.62	0.0083
*CPSII	138	f	2	-0.42	156.19	0.00	0.0000
DEAN2	36	m	0	-0.03	8.91	1.32	0.9187
DEAN2	42	f	0	1.14	1.56	3.78	0.1555
Subtotal DEAN2				1.94	10.47	5.10	
DEAN3	155	m	0	-1.02	53.56	19.32	0.0000
DEAN3	161	f	0	-0.57	18.52	0.43	0.0140
Subtotal DEAN3				-0.75	72.08	19.74	
DESTE2	22	c	0	-0.31	30.22	0.33	0.0839
DESTEF	52	m	0	-0.36	47.46	0.15	0.0124
DOLL	47	m	0	-1.71	2.47	4.14	0.0071
*ENGELA	105	m	0	-0.64	5.92	0.29	0.1197
*ENGELA	114	f	0	-0.54	5.50	0.09	0.2011
Subtotal ENGELA				-0.35	11.42	0.37	
*KAISE2	55	m	5	0.03	13.83	2.79	0.9125
*KAISE2	56	f	5	-0.43	7.73	0.00	0.2309
Subtotal KAISE2				0.44	21.57	2.79	
KHUDEP	7	m	0	-0.77	68.64	8.50	0.0000
*LANGE	42	m	0	-0.41	18.61	0.00	0.0759
*LANGE	41	f	0	-0.57	9.86	0.24	0.0710
Subtotal LANGE				-0.15	28.47	0.24	
LUBIN2	119	m	0	-0.42	194.06	0.00	0.0000
LUBIN2	123	f	0	-0.65	19.24	0.98	0.0047
Subtotal LUBIN2				-0.22	213.31	0.98	
MACLEN	85	f	0	-0.26	3.81	0.09	0.6087
MATOS	72	m	0	0.40	12.87	8.59	0.1537
*MIGRAN	99	m	0	0.01	26.70	5.01	0.9443
*MIGRAN	103	f	0	-0.08	5.26	0.60	0.8504
Subtotal MIGRAN				0.77	31.96	5.61	
*MRFITR	7	m	9	-0.63	6.12	0.28	0.1162
PEZZOT	23	m	2	-1.47	27.04	29.83	0.0000
*RIMING	4	m	0	-0.51	26.02	0.22	0.0090
SEGI2	51	m	0	-0.46	38.67	0.06	0.0043
SOBUE	122	m	0	-0.60	16.00	0.51	0.0169
*TANG2	1	m	3	-0.06	74.81	9.57	0.5925
WAKAI	63	m	0	0.14	3.12	0.99	0.7982
WYNDE5	3	m	0	-0.03	98.39	14.62	0.7354
WYNDE5	6	f	0	-0.40	13.45	0.01	0.1427
Subtotal WYNDE5				0.41	111.85	14.62	
WYNDE6	415	m	0	-0.37	41.11	0.10	0.0174
WYNDE6	418	f	0	-0.47	16.75	0.03	0.0569
Subtotal WYNDE6				0.00	57.86	0.13	

## Appendix Table D1 - 5

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
 Unadjusted

RR data

	N	42
	NS	31
	Wt	1193.97
Het	Chi	141.44
Het	df	41
Het	P	***
Fixed	RR	0.66
	RRl	0.62
	RRu	0.70
	P	---
Random	RR	0.64
	RRl	0.57
	RRu	0.73
	P	---

Appendix Table D1 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
 Unadjusted

RR data

	N	42			
	NS	31			
	Wt	1193.97			
Het	Chi	141.44			
Het	df	41			
Het	P	***			
Fixed	RR	0.66			
	RRl	0.62			
	RRu	0.70			
	P	---			
Random	RR	0.64			
	RRl	0.57			
	RRu	0.73			
	P	---			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	2	25	15	42
	NS	2	25	15	42
	Wt	49.74	853.50	290.73	1193.97
Het	Chi	0.95	122.95	17.33	141.44
Het	df	1	24	14	41
Het	P	N.S.	***	N.S.	***
Fixed	RR	0.65	0.65	0.67	0.66
	RRl	0.49	0.61	0.60	0.62
	RRu	0.86	0.70	0.75	0.70
	P	--	---	---	---
Random	RR	0.65	0.62	0.68	0.64
	RRl	0.49	0.52	0.58	0.57
	RRu	0.86	0.74	0.80	0.73
	P	--	---	---	---
Between	Chi				0.21
Between	df				2
Between	P				N.S.

MALES

	All LC (or nearest)			
	all	other	Total	
	N	23	2	25
	NS	23	2	25
	Wt	796.40	57.11	853.50
Het	Chi	122.35	0.59	122.95
Het	df	22	1	24
Het	P	***	N.S.	***
Fixed	RR	0.65	0.65	0.65
	RRl	0.61	0.50	0.61
	RRu	0.70	0.84	0.70
	P	---	--	---
Random	RR	0.62	0.65	0.62
	RRl	0.51	0.50	0.52
	RRu	0.75	0.84	0.74
	P	---	--	---
Between	Chi			0.00
Between	df			1
Between	P			N.S.

Appendix Table D1 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

MALES

		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data									
	N	6	3	12	4			25	
	NS	6	3	12	4			25	
	Wt	252.62	87.37	454.05	59.46			853.50	
	Het Chi	25.28	35.93	46.11	10.96			122.95	
	Het df	5	2	11	3			24	
	Het P	***	***	***	*			***	
Fixed	RR	0.71	0.55	0.65	0.59			0.65	
	RRl	0.62	0.45	0.60	0.46			0.61	
	RRu	0.80	0.68	0.72	0.76			0.70	
	P	---	---	---	---			---	
Random	RR	0.69	0.61	0.62	0.50			0.62	
	RRl	0.50	0.24	0.50	0.26			0.52	
	RRu	0.94	1.58	0.78	0.95			0.74	
	P	-	N.S.	---	-			---	
Between	Chi							4.66	
Between	df							3	
Between	P							N.S.	
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N	1	7	1	2	1			12
	NS	1	7	1	2	1			12
	Wt	194.06	209.21	10.98	24.53	15.27			454.05
	Het Chi	0.00	39.57	0.00	0.23	0.00			46.11
	Het df	0	6	0	1	0			11
	Het P	N.S.	***	N.S.	N.S.	N.S.			***
Fixed	RR	0.66	0.68	0.31	0.63	0.69			0.65
	RRl	0.57	0.59	0.17	0.42	0.42			0.60
	RRu	0.76	0.77	0.56	0.93	1.14			0.72
	P	---	---	---	-	N.S.			---
Random	RR	0.66	0.65	0.31	0.63	0.69			0.62
	RRl	0.57	0.44	0.17	0.42	0.42			0.50
	RRu	0.76	0.96	0.56	0.93	1.14			0.78
	P	---	-	---	-	N.S.			---
Between	Chi								6.31
Between	df								4
Between	P								N.S.
		Country in Asia							
		China	Japan	India	other	Total			
	N		3		1	4			
	NS		3		1	4			
	Wt		57.79		1.67	59.46			
	Het Chi		1.44		0.00	10.96			
	Het df		2		0	3			
	Het P		N.S.		N.S.	*			
Fixed	RR		0.63		0.06	0.59			
	RRl		0.49		0.01	0.46			
	RRu		0.81		0.25	0.76			
	P		---		---	---			
Random	RR		0.63		0.06	0.50			
	RRl		0.49		0.01	0.26			
	RRu		0.81		0.25	0.95			
	P		---		---	-			
Between	Chi					9.52			
Between	df					1			
Between	P					**			

Appendix Table D1 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

		Start year of study						
		<1960	1960-69	1970-79	1980-89	1990+	Total	
RR data								
	N	1	9	6	8	1	25	
	NS	1	9	6	8	1	25	
	Wt	2.47	372.60	275.38	190.18	12.87	853.50	
	Het Chi	0.00	45.36	3.37	35.73	0.00	122.95	
	Het df	0	8	5	7	0	24	
	Het P	N.S.	***	N.S.	***	N.S.	***	
Fixed	RR	0.18	0.74	0.67	0.47	1.49	0.65	
	RRl	0.05	0.67	0.59	0.41	0.86	0.61	
	RRu	0.63	0.82	0.75	0.55	2.57	0.70	
	P	---	---	---	---	N.S.	---	
Random	RR	0.18	0.71	0.67	0.44	1.49	0.62	
	RRl	0.05	0.55	0.59	0.31	0.86	0.52	
	RRu	0.63	0.92	0.75	0.64	2.57	0.74	
	P	---	-	---	---	N.S.	---	
Between	Chi						38.48	
Between	df						4	
Between	P						***	
		Study type						
		CC	prosp	other	Total			
	N	18	7		25			
	NS	18	7		25			
	Wt	681.47	172.03		853.50			
	Het Chi	101.71	9.02		122.95			
	Het df	17	6		24			
	Het P	***	N.S.		***			
Fixed	RR	0.61	0.83		0.65			
	RRl	0.57	0.71		0.61			
	RRu	0.66	0.96		0.70			
	P	---	-		---			
Random	RR	0.57	0.80		0.62			
	RRl	0.46	0.65		0.52			
	RRu	0.71	0.97		0.74			
	P	---	-		---			
Between	Chi				12.21			
Between	df				1			
Between	P				***			
		Number of adjustment variables						
		0	1	2	3-5	6-9	10+/-nk	Total
	N	21		1	2	1		25
	NS	21		1	2	1		25
	Wt	731.69		27.04	88.65	6.12		853.50
	Het Chi	80.40		0.00	0.10	0.00		122.95
	Het df	20		0	1	0		24
	Het P	***		N.S.	N.S.	N.S.		***
Fixed	RR	0.65		0.23	0.95	0.53		0.65
	RRl	0.60		0.16	0.77	0.24		0.61
	RRu	0.70		0.34	1.17	1.17		0.70
	P	---		---	N.S.	N.S.		---
Random	RR	0.63		0.23	0.95	0.53		0.62
	RRl	0.53		0.16	0.77	0.24		0.52
	RRu	0.75		0.34	1.17	1.17		0.74
	P	---		---	N.S.	N.S.		---
Between	Chi							42.45
Between	df							3
Between	P							***

Appendix Table D1 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

		Smoking status			Total			
		ever	current					
MALES								
RR data								
	N	10	15		25			
	NS	10	15		25			
	Wt	389.38	464.13		853.50			
Het	Chi	62.35	50.07		122.95			
Het	df	9	14		24			
Het	P	***	***		***			
Fixed	RR	0.58	0.72		0.65			
	RRl	0.52	0.66		0.61			
	RRu	0.64	0.79		0.70			
	P	---	---		---			
Random	RR	0.51	0.69		0.62			
	RRl	0.36	0.57		0.52			
	RRu	0.70	0.84		0.74			
	P	---	---		---			
Between	Chi				10.53			
Between	df				1			
Between	P				**			
		Product						
		cig+/-ot	cig only		Total			
	N	18	7		25			
	NS	18	7		25			
	Wt	612.91	240.59		853.50			
Het	Chi	56.04	65.34		122.95			
Het	df	17	6		24			
Het	P	***	***		***			
Fixed	RR	0.67	0.61		0.65			
	RRl	0.62	0.54		0.61			
	RRu	0.73	0.69		0.70			
	P	---	---		---			
Random	RR	0.64	0.61		0.62			
	RRl	0.54	0.39		0.52			
	RRu	0.76	0.94		0.74			
	P	---	-		---			
Between	Chi				1.57			
Between	df				1			
Between	P				N.S.			
		Cigarette type						
		only f	always f	mainly f	equal p&f	both p&f	ever f	Total
	N	16	4	1			4	25
	NS	16	4	1			4	25
	Wt	571.79	90.43	12.87			178.42	853.50
Het	Chi	78.05	6.31	0.00			27.47	122.95
Het	df	15	3	0			3	24
Het	P	***	(*)	N.S.			***	***
Fixed	RR	0.63	0.63	1.49			0.71	0.65
	RRl	0.58	0.52	0.86			0.61	0.61
	RRu	0.68	0.78	2.57			0.82	0.70
	P	---	---	N.S.			---	---
Random	RR	0.59	0.60	1.49			0.62	0.62
	RRl	0.48	0.44	0.86			0.35	0.52
	RRu	0.74	0.84	2.57			1.09	0.74
	P	---	--	N.S.			(-)	---
Between	Chi							11.11
Between	df							3
Between	P							*

Appendix Table D1 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

## MALES

	Denominator				Total	
	ever p	mainly p	p NOS	always p		
RR data						
	N	3	1	11	10	25
	NS	3	1	11	10	25
	Wt	85.48	12.87	301.98	453.17	853.50
	Het Chi	22.62	0.00	38.99	38.91	122.95
	Het df	2	0	10	9	24
	Het P	***	N.S.	***	***	***
Fixed	RR	0.44	1.49	0.67	0.68	0.65
	RRl	0.36	0.86	0.59	0.62	0.61
	RRu	0.55	2.57	0.74	0.74	0.70
	P	---	N.S.	---	---	---
Random	RR	0.37	1.49	0.67	0.62	0.62
	RRl	0.17	0.86	0.53	0.49	0.52
	RRu	0.81	2.57	0.86	0.80	0.74
	P	-	N.S.	--	---	---
Between	Chi					22.42
Between	df					3
Between	P					***

## FEMALES

	All LC (or nearest)			Total				
	all	other						
	N	14	1	15				
	NS	14	1	15				
	Wt	273.98	16.75	290.73				
	Het Chi	17.25	0.00	17.33				
	Het df	13	0	14				
	Het P	N.S.	N.S.	N.S.				
Fixed	RR	0.68	0.63	0.67				
	RRl	0.60	0.39	0.60				
	RRu	0.76	1.01	0.75				
	P	---	(-)	---				
Random	RR	0.69	0.63	0.68				
	RRl	0.58	0.39	0.58				
	RRu	0.82	1.01	0.80				
	P	---	(-)	---				
Between	Chi			0.08				
Between	df			1				
Between	P			N.S.				
		Continent						
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total
	N	5		8	2			15
	NS	5		8	2			15
	Wt	208.80		77.79	4.15			290.73
	Het Chi	6.92		9.09	0.77			17.33
	Het df	4		7	1			14
	Het P	N.S.		N.S.	N.S.			N.S.
Fixed	RR	0.69		0.63	0.68			0.67
	RRl	0.60		0.50	0.26			0.60
	RRu	0.79		0.78	1.77			0.75
	P	---		---	N.S.			---
Random	RR	0.73		0.63	0.68			0.68
	RRl	0.57		0.48	0.26			0.58
	RRu	0.94		0.83	1.77			0.80
	P	-		---	N.S.			---
Between	Chi							0.55
Between	df							2

Appendix Table D1 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
 All Lung Cancer types  
 Unadjusted

FEMALES

		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data	Between	P							
		N.S.							
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N	1	4		2	1			8
	NS	1	4		2	1			8
	Wt	19.24	41.84		15.36	1.34			77.79
	Het Chi	0.00	4.93		0.00	0.00			9.09
	Het df	0	3		1	0			7
	Het P	N.S.	N.S.		N.S.	N.S.			N.S.
	Fixed RR	0.52	0.73		0.57	0.17			0.63
	RR1	0.34	0.54		0.34	0.03			0.50
	RRu	0.82	0.99		0.94	0.90			0.78
	P	--	-		-	-			---
	Random RR	0.52	0.79		0.57	0.17			0.63
	RR1	0.34	0.51		0.34	0.03			0.48
	RRu	0.82	1.21		0.94	0.90			0.83
	P	--	N.S.		-	-			---
	Between Chi								4.16
	Between df								3
	Between P								N.S.
		Country in Asia							
		China	Japan	India	other	Total			
	N				2	2			
	NS				2	2			
	Wt				4.15	4.15			
	Het Chi				0.77	0.77			
	Het df				1	1			
	Het P				N.S.	N.S.			
	Fixed RR				0.68	0.68			
	RR1				0.26	0.26			
	RRu				1.77	1.77			
	P				N.S.	N.S.			
	Random RR				0.68	0.68			
	RR1				0.26	0.26			
	RRu				1.77	1.77			
	P				N.S.	N.S.			
	Between Chi								
	Between df								
	Between P						N.S.		



Appendix Table D1 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

FEMALES

		Start year of study						
		<1960	1960-69	1970-79	1980-89	1990+	Total	
RR data								
	N		6	6	3		15	
	NS		6	6	3		15	
	Wt		61.05	71.81	157.87		290.73	
	Het Chi		4.93	8.39	3.20		17.33	
	Het df		5	5	2		14	
	Het P		N.S.	N.S.	N.S.		N.S.	
Fixed	RR		0.66	0.74	0.65		0.67	
	RRl		0.51	0.59	0.56		0.60	
	RRu		0.85	0.93	0.76		0.75	
	P		--	--	---		---	
Random	RR		0.66	0.74	0.43		0.68	
	RRl		0.51	0.54	0.16		0.58	
	RRu		0.85	1.01	1.16		0.80	
	P		--	(-)	(-)		---	
Between	Chi						0.82	
Between	df						2	
Between	P						N.S.	
		Study type						
		CC	prosp	other	Total			
	N	10	5		15			
	NS	10	5		15			
	Wt	106.19	184.55		290.73			
	Het Chi	16.14	0.93		17.33			
	Het df	9	4		14			
	Het P	(*)	N.S.		N.S.			
Fixed	RR	0.70	0.66		0.67			
	RRl	0.58	0.57		0.60			
	RRu	0.85	0.76		0.75			
	P	---	---		---			
Random	RR	0.71	0.66		0.68			
	RRl	0.54	0.57		0.58			
	RRu	0.94	0.76		0.80			
	P	-	---		---			
Between	Chi				0.26			
Between	df				1			
Between	P				N.S.			
		Number of adjustment variables						
		0	1	2	3-5	6-9	10+/ +nk	Total
	N	13		1	1			15
	NS	13		1	1			15
	Wt	126.81		156.19	7.73			290.73
	Het Chi	17.18		0.00	0.00			17.33
	Het df	12		0	0			14
	Het P	N.S.		N.S.	N.S.			N.S.
Fixed	RR	0.69		0.66	0.65			0.67
	RRl	0.58		0.56	0.32			0.60
	RRu	0.82		0.77	1.32			0.75
	P	---		---	N.S.			---
Random	RR	0.70		0.66	0.65			0.68
	RRl	0.56		0.56	0.32			0.58
	RRu	0.87		0.77	1.32			0.80
	P	--		---	N.S.			---
Between	Chi							0.15
Between	df							2
Between	P							N.S.

Appendix Table D1 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
 All Lung Cancer types  
 Unadjusted

FEMALES

Smoking status  
 ever current Total

RR data

	N	5	10	15
	NS	5	10	15
	Wt	37.16	253.58	290.73
Het	Chi	14.34	2.12	17.33
Het	df	4	9	14
Het	P	**	N.S.	N.S.
Fixed	RR	0.78	0.66	0.67
	RRl	0.56	0.58	0.60
	RRu	1.07	0.75	0.75
	P	N.S.	---	---
Random	RR	0.75	0.66	0.68
	RRl	0.33	0.58	0.58
	RRu	1.70	0.75	0.80
	P	N.S.	---	---
Between	Chi			0.87
Between	df			1
Between	P			N.S.

Product  
 cig+/-ot cig only Total

	N	9	6	15
	NS	9	6	15
	Wt	231.52	59.22	290.73
Het	Chi	12.78	4.40	17.33
Het	df	8	5	14
Het	P	N.S.	N.S.	N.S.
Fixed	RR	0.68	0.64	0.67
	RRl	0.60	0.50	0.60
	RRu	0.77	0.83	0.75
	P	---	---	---
Random	RR	0.71	0.64	0.68
	RRl	0.56	0.50	0.58
	RRu	0.90	0.83	0.80
	P	--	---	---
Between	Chi			0.15
Between	df			1
Between	P			N.S.

Cigarette type  
 only f always f mainly f equal p&f both p&f ever f Total

	N	11	1		3	15
	NS	11	1		3	15
	Wt	255.42	16.50		18.82	290.73
Het	Chi	12.98	0.00		3.30	17.33
Het	df	10	0		2	14
Het	P	N.S.	N.S.		N.S.	N.S.
Fixed	RR	0.66	0.80		0.78	0.67
	RRl	0.58	0.49		0.50	0.60
	RRu	0.74	1.30		1.23	0.75
	P	---	N.S.		N.S.	---
Random	RR	0.66	0.80		0.89	0.68
	RRl	0.55	0.49		0.44	0.58
	RRu	0.79	1.30		1.78	0.80
	P	---	N.S.		N.S.	---
Between	Chi					1.05
Between	df					2
Between	P					N.S.

Appendix Table D1 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
 Unadjusted

FEMALES

		Denominator				
	ever	p mainly	p	NOS	always	Total
RR data	N	1	1	5	8	15
	NS	1	1	5	8	15
	Wt	1.34	156.19	56.05	77.16	290.73
	Het Chi	0.00	0.00	7.59	6.29	17.33
	Het df	0	0	4	7	14
	Het P	N.S.	N.S.	N.S.	N.S.	N.S.
Fixed	RR	0.17	0.66	0.76	0.66	0.67
	RRl	0.03	0.56	0.58	0.53	0.60
	RRu	0.90	0.77	0.98	0.82	0.75
	P	-	---	-	---	---
Random	RR	0.17	0.66	0.76	0.66	0.68
	RRl	0.03	0.56	0.52	0.53	0.58
	RRu	0.90	0.77	1.10	0.82	0.80
	P	-	---	N.S.	---	---
Between	Chi					3.45
Between	df					3
Between	P					N.S.

Appendix Table D1 - 7

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
 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	BLOT2	BOUCHA	BUELL	HIRAOK	LAURIL	MOLLO	MZILEN	VANDER								
2	BERRIN	CHEN	RESTRE	TAO	ULMER	WEIR										
3	ABELIN	ABRAHA	AKIBA	AMANDU	AMES	ANDERS	ARCHER	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND	BARBON	BENSHL	BEST
	BLOHMK	BLOT1	BLOT3	BLOT4	BOFFET	BOUCOT	BRESLO	BRETT	BROCKM	BROWN1	BROWN2	BROWN3	BYERS1	BYERS2	CARPEN	CASCO2
	CASCOR	CEDERL	CHAN	CHANG	CHATZI	CHEN2	CHEN3	CHIAZZ	CHOW	CHYOU	COMSTO	COOKSO	CPSI	DAMBER	DARBY	DAVEYS
	DEAN	DEKLER	DOCKER	DOLL2	DORANT	DORGAN	DORN	DOSEME	DROSTE	DU	DUNN	EBELIN	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	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT	HU	HU2	HUANG	HUMBLE
	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW	KAISER	KANELL	KATSOU	KAUFMA	KELLER	KIHARA
	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK	LAMTH	LAMWK	LAMWK2	LAUSSM	LEI	LEMARC
	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4	LIU5	LOMBA2	LOMBAR	LUBIN	LUO	MAGNUS	MARSH
	MARSH2	MARTIS	MASTRA	MATSUD	MCCONN	MCDUFF	MCLAUG	MILLER	MILLS	MRFIT	MURATA	NAM	NOTAN2	NOTANI	NOU	ODRISC
	ORMOS	OSANN	OSANN2	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PIKE	PISANI	POFFIJ	POLEDN	PRESCO
	QIAO	QIAO2	RACHTA	RADZIK	RANDIG	REN	RONCO	ROOTS	ROTHSC	SAARIK	SADOWS	SANKAR	SCHWA2	SCHWAR	SEGI	SEOW
	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE	STOCKS	STOCKW	STUCKE	SUN	SUZUK2	SUZUKI
	SVENSS	TANG	TENKAN	TIZZAN	TOKARS	TOUSEY	TSUGAN	TULINI	TVERDA	VEIERO	VUTUC	WALD	WANG	WANG2	WANG3	WANG4
	WARSIN	WATSON	WICKLU	WIGLE	WILKIN	WU	WU2	WUNSCH	WUWILL	WYNDE2	WYNDE4	WYNDE7	WYNDE8	WYNDER	XIANGZ	XU
	XU2	XU3	XU4	YAMAGU	YONG	YUAN	ZHANG	ZHENG	ZHOU							
7	WYNDE3															
10	BENHAM															

## Appendix Table D1 - 8

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Potentially overlapping studies

REF	REFGP	PRINC2	OVERLAP/LINK
LUBIN2	LUBIN2	1	Lubin-combined
LANGE	PRESCO	1	Subset of PRESCO
BROSS	BYERS1	1	GRAHAM/BROSS/BYERS1
TANG2	TANG2	2	TANG2-combined
MRFITR	MRFIT	2	Subset of MRFIT
WYNDE5	WYNDE6	1	WYNDE5/6/7/8
WYNDE6	WYNDE6	1	WYNDE5/6/7/8

## Adjusted - insufficient data for metaanalysis

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC	TYPE	LOC	START	STTYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM	RR	SIG	
BUFFLE	88	m	0	0	wh	-	all	NAmr	1976	CC	0	ever	cig+/-ot	only	f	p	NOS	0.92	
CPSII	135	m	0	0	all	6	all	NAmr	1982	prosp	1	current	cig	only	mainly	f	mainly	p	0.47
HIRAYA	155	c	0	0	all	16	all	As:Jap	1965	prosp	1	ever	cig+/-ot	only	f	p	NOS	0.51	
HUMBLE	53	c	0	0	w-hi	-	not	alv	NAmr	1980	CC	5	current	cig+/-ot	always	f	always	p	0.80
HUMBLE	54	c	0	0	hi	-	not	alv	NAmr	1980	CC	5	current	cig+/-ot	always	f	always	p	0.04

## Unadjusted - insufficient data for metaanalysis

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC	TYPE	LOC	START	STTYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM	RR	SIG	
BUFFLE	88	m	0	0	wh	-	all	NAmr	1976	CC	0	ever	cig+/-ot	only	f	p	NOS	0.92	
CPSII	135	m	0	0	all	6	all	NAmr	1982	prosp	1	current	cig	only	mainly	f	mainly	p	0.47
HIRAYA	155	c	0	0	all	16	all	As:Jap	1965	prosp	1	ever	cig+/-ot	only	f	p	NOS	0.51	
HUMBLE	53	c	0	0	w-hi	-	not	alv	NAmr	1980	CC	5	current	cig+/-ot	always	f	always	p	0.80
HUMBLE	54	c	0	0	hi	-	not	alv	NAmr	1980	CC	5	current	cig+/-ot	always	f	always	p	0.04

## Appendix Table D2 -

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types

This analysis is restricted to results for:

- 1) 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) CIGTYP: filter ever, equally, both, mainly, always, only/NOS
  - 4) DENOM: plain only/NOS, always, mainly, ever
  - 5) PRODUCT: cigarettes regardless of other products, cigarettes only (Note only study ALDERS has both product definitions available)
  - 6) SMKSTA: ever, current. (Note only study MATOS has both ever and current available)
  - 7) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
  - 8) 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)
  - 9) Followup period (prospective studies): whole study (coded as 0) or longest available
  - 10) 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 D2 - 1

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STTYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM
AGUDO	17	f	0	0	all	-	all	Eu:wst	1989	CC	3	ever	cig only	only f	ever p
ALDERS	171	m	0	0	all	-	all	Eu:UK	1977	CC	2	current	cig+/-ot	ever f	always p
ALDERS	163	f	0	0	all	-	all	Eu:UK	1977	CC	2	current	cig only	ever f	always p
ARMADA	23	m	0	0	all	-	all	Eu:wst	1986	CC	1	ever	cig+/-ot	ever f	always p
BECHER	10	m	0	0	all	-	all	Eu:Ger	1985	CC	2	ever	cig+/-ot	always f	ever p
BROSS	14	m	0	0	wh	-	all	NAmer	1960	CC	0	current	cig+/-ot	only f	p NOS
BUFFLE	56	f	0	0	w-hi	-	all	NAmer	1976	CC	0	ever	cig+/-ot	ever f	p NOS
CHOI	40	m	0	0	all	-	all	As:oth	1985	CC	0	ever	cig+/-ot	ever f	always p
CHOI	44	f	0	0	all	-	all	As:oth	1985	CC	0	ever	cig+/-ot	ever f	always p
CORREA	65	c	0	0	all	-	all	NAmer	1979	CC	2	ever	cig+/-ot	only f	p NOS
CPSII	138	f	0	0	all	4	all	NAmer	1982	prosp	2	current	cig+/-ot	only f	mainly p
DEAN2	36	m	0	0	all	-	all	Eu:UK	1960	CC	0	ever	cig+/-ot	ever f	always p
DEAN2	42	f	0	0	all	-	all	Eu:UK	1960	CC	0	ever	cig+/-ot	ever f	always p
DEAN3	168	m	0	0	all	-	all	Eu:UK	1969	CC	2	current	cig only	ever f	always p
DEAN3	172	f	0	0	all	-	all	Eu:UK	1969	CC	2	current	cig only	ever f	always p
DESTEF	23	c	0	0	all	-	all	SCAmer	1993	CC	7	ever	cig+/-ot	always f	ever p
DESTEF	53	m	0	0	all	-	all	SCAmer	1988	CC	4	ever	cig+/-ot	always f	ever p
DOLL	47	m	0	0	all	-	all	Eu:UK	1948	CC	0	ever	cig+/-ot	ever f	always p
ENGELA	116	m	0	0	all	0	all	Eu:Sca	1964	prosp	0	current	cig+/-ot	ever f	always p
ENGELA	200	f	0	0	all	0	all	Eu:Sca	1964	prosp	5	current	cig+/-ot	ever f	always p
KAISE2	55	m	30	89	all	9	all	NAmer	1979	prosp	5	current	cig only	only f	p NOS
KAISE2	56	f	30	89	all	9	all	NAmer	1979	prosp	5	current	cig only	only f	p NOS
KHUDER	7	m	0	0	all	-	all	NAmer	1985	CC	0	ever	cig+/-ot	ever f	always p
LANGE	20	m	0	0	all	0	all	Eu:Sca	1976	prosp	2	current	cig only	only f	p NOS
LANGE	19	f	0	0	all	0	all	Eu:Sca	1976	prosp	2	current	cig only	only f	p NOS
LUBIN2	109	m	0	0	all	-	all	Eu:mul	1976	CC	3	ever	cig+/-ot	ever f	always p
LUBIN2	117	f	0	0	all	-	all	Eu:mul	1976	CC	3	ever	cig+/-ot	ever f	always p
MACLEN	85	f	0	0	ch	-	all	As:oth	1972	CC	0	current	cig+/-ot	ever f	always p
MATOS	37	m	0	0	all	-	all	SCAmer	1994	CC	4	ever	cig+/-ot	mainly f	mainly p
MIGRAN	100	m	0	0	all	0	all	Eu:UK	1964	prosp	3	current	cig only	only f	p NOS
MIGRAN	104	f	0	0	all	0	all	Eu:UK	1964	prosp	3	current	cig only	only f	p NOS
MRFITR	7	m	0	0	all	0	all	NAmer	1973	prosp	9	current	cig+/-ot	only f	p NOS
PEZZOT	24	m	0	0	all	-	all	SCAmer	1987	CC	4	ever	cig only	only f	ever p
RIMING	8	m	0	0	all	0	all	Eu:UK	1970	prosp	1	current	cig only	only f	p NOS
SEGI2	52	m	0	0	all	-	all	As:Jap	1962	CC	1	current	cig+/-ot	only f	p NOS
SOBUE	125	m	0	0	all	-	q+s+l+a	As:Jap	1986	CC	5	current	cig+/-ot	only f	p NOS
TANG2	1	m	0	0	all	0	all	Eu:UK	1967	prosp	3	current	cig only	only f	p NOS
WAKAI	64	m	0	0	all	-	all	As:Jap	1988	CC	5	current	cig+/-ot	only f	p NOS
WYNDE5	3	m	0	0	all	-	all	NAmer	1969	CC	0	current	cig+/-ot	ever f	always p
WYNDE5	6	f	0	0	all	-	all	NAmer	1969	CC	0	current	cig+/-ot	ever f	always p
WYNDE6	423	m	0	0	all	-	q+a	NAmer	1969	CC	3	current	cig+/-ot	ever f	always p
WYNDE6	426	f	0	0	all	-	q+a	NAmer	1969	CC	3	current	cig+/-ot	ever f	always p

Appendix Table D2 - 2

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
AGUDO	17	f	3	-	-	-	-	0.22	( 0.04-	1.27)
ALDERS	171	m	2	-	-	-	-	0.85	( 0.63-	1.15)
ALDERS	163	f	2	-	-	-	-	1.09	( 0.70-	1.70)
Subtotal ALDERS								0.92	( 0.72-	1.18)
ARMADA	23	m	1	-	-	-	-	0.88	( 0.56-	1.40)
BECHER	10	m	2	-	-	-	-	0.41	( 0.21-	0.81)
BROSS	14	m	0	65	76	200	138	0.59	( 0.40-	0.88)
BUFFLE	56	f	0	193	123	47	38	1.27	( 0.78-	2.06)
CHOI	40	m	0	254	463	15	2	0.07	( 0.02-	0.32)
CHOI	44	f	0	18	26	1	0	0.23	( 0.01-	6.03)
Subtotal CHOI								0.09	( 0.02-	0.34)
CORREA	65	c	2	-	-	-	-	0.55	( 0.35-	0.85)
*CPSII	138	f	2	-	-	-	-	0.66	( 0.57-	0.78)
DEAN2	36	m	0	20	17	644	529	0.97	( 0.50-	1.86)
DEAN2	42	f	0	12	2	50	26	3.12	( 0.65-	15.00)
Subtotal DEAN2								1.15	( 0.63-	2.11)
DEAN3	168	m	2	-	-	-	-	0.46	( 0.34-	0.63)
DEAN3	172	f	2	-	-	-	-	0.66	( 0.44-	0.97)
Subtotal DEAN3								0.53	( 0.41-	0.67)
DESTE2	23	c	7	-	-	-	-	0.73	( 0.51-	1.05)
DESTEF	53	m	4	-	-	-	-	0.72	( 0.54-	0.96)
DOLL	47	m	0	3	15	501	452	0.18	( 0.05-	0.63)
*ENGELA	116	m	0	7	6306	38	15055	0.44	( 0.20-	0.98)
*ENGELA	200	f	5	-	-	-	-	0.99	( 0.46-	2.15)
Subtotal ENGELA								0.67	( 0.38-	1.17)
*KAISE2	55	m	5	-	-	-	-	1.03	( 0.61-	1.75)
*KAISE2	56	f	5	-	-	-	-	0.65	( 0.32-	1.31)
Subtotal KAISE2								0.87	( 0.57-	1.33)
KHUDE	7	m	0	173	440	284	334	0.46	( 0.36-	0.59)
*LANGE	20	m	2	-	-	-	-	0.90	( 0.60-	1.40)
*LANGE	19	f	2	-	-	-	-	0.70	( 0.40-	1.40)
Subtotal LANGE								0.83	( 0.59-	1.18)
LUBIN2	109	m	3	-	-	-	-	0.95	( 0.87-	1.04)
LUBIN2	117	f	3	-	-	-	-	0.81	( 0.43-	1.50)
Subtotal LUBIN2								0.95	( 0.87-	1.03)
MACLEN	85	f	0	15	13	21	14	0.77	( 0.28-	2.10)
MATOS	37	m	4	-	-	-	-	1.25	( 0.67-	2.50)
*MIGRAN	100	m	3	-	-	-	-	1.17	( 0.79-	1.72)
*MIGRAN	104	f	3	-	-	-	-	1.01	( 0.43-	2.37)
Subtotal MIGRAN								1.14	( 0.80-	1.63)
*MRFITR	7	m	9	-	-	-	-	0.53	( 0.24-	1.17)
PEZZOT	24	m	4	-	-	-	-	0.29	( 0.20-	0.41)
*RIMING	8	m	1	-	-	-	-	0.65	( 0.44-	0.96)
SEGI2	52	m	1	-	-	-	-	0.62	( 0.45-	0.85)
SOBUE	125	m	5	-	-	-	-	0.67	( 0.38-	1.11)
*TANG2	1	m	3	-	-	-	-	0.94	( 0.75-	1.18)
WAKAI	64	m	5	-	-	-	-	1.02	( 0.31-	3.33)
WYNDE5	3	m	0	417	629	273	398	0.97	( 0.79-	1.18)
WYNDE5	6	f	0	152	200	34	30	0.67	( 0.39-	1.14)
Subtotal WYNDE5								0.92	( 0.77-	1.11)
WYNDE6	423	m	3	-	-	-	-	0.96	( 0.77-	1.18)
WYNDE6	426	f	3	-	-	-	-	0.91	( 0.56-	1.46)
Subtotal WYNDE6								0.95	( 0.78-	1.16)
Partial Totals				1329	8310	2108	17016			
*prospective study									~ With 0.5 adjustment for zero	



Appendix Table D2 - 2

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
AGUDO	17	f	3	-1.51	1.29	2.11	0.0861
ALDERS	171	m	2	-0.16	42.43	0.21	0.2898
ALDERS	163	f	2	0.09	19.52	1.99	0.7034
Subtotal ALDERS				0.39	61.95	2.21	
ARMADA	23	m	1	-0.13	18.30	0.20	0.5845
BECHER	10	m	2	-0.89	8.43	3.65	0.0096
BROSS	14	m	0	-0.53	24.52	2.12	0.0090
BUFFLE	56	f	0	0.24	16.42	3.65	0.3350
CHOI	40	m	0	-2.62	1.75	9.90	0.0005
CHOI	44	f	0	-1.46	0.36	0.54	0.3800
Subtotal CHOI				-3.61	2.11	10.45	
CORREA	65	c	2	-0.60	19.52	2.59	0.0083
*CPSII	138	f	2	-0.42	156.19	5.17	0.0000
DEAN2	36	m	0	-0.03	8.91	0.35	0.9187
DEAN2	42	f	0	1.14	1.56	2.93	0.1555
Subtotal DEAN2				1.57	10.47	3.28	
DEAN3	168	m	2	-0.78	40.39	11.91	0.0000
DEAN3	172	f	2	-0.42	24.59	0.81	0.0394
Subtotal DEAN3				-0.72	64.98	12.72	
DESTE2	23	c	7	-0.31	29.47	0.19	0.0876
DESTEF	53	m	4	-0.33	46.42	0.42	0.0252
DOLL	47	m	0	-1.71	2.47	5.41	0.0071
*ENGELA	116	m	0	-0.82	5.92	2.05	0.0457
*ENGELA	200	f	5	-0.01	6.46	0.32	0.9796
Subtotal ENGELA				-0.36	12.38	2.37	
*KAISE2	55	m	5	0.03	13.83	0.96	0.9125
*KAISE2	56	f	5	-0.43	7.73	0.30	0.2309
Subtotal KAISE2				0.07	21.57	1.26	
KHUDE7	7	m	0	-0.77	68.64	19.85	0.0000
*LANGE	20	m	2	-0.11	21.40	0.35	0.6259
*LANGE	19	f	2	-0.36	9.79	0.15	0.2644
Subtotal LANGE				0.01	31.19	0.50	
LUBIN2	109	m	3	-0.05	482.35	16.02	0.2599
LUBIN2	117	f	3	-0.21	9.84	0.01	0.5085
Subtotal LUBIN2				0.21	492.19	16.02	
MACLEN	85	f	0	-0.26	3.81	0.00	0.6087
MATOS	37	m	4	0.22	8.86	1.85	0.5065
*MIGRAN	100	m	3	0.16	25.38	3.87	0.4289
*MIGRAN	104	f	3	0.01	5.27	0.31	0.9818
Subtotal MIGRAN				0.63	30.66	4.18	
*MRFITR	7	m	9	-0.63	6.12	0.99	0.1162
PEZZOT	24	m	4	-1.24	29.82	30.08	0.0000
*RIMING	8	m	1	-0.43	25.25	0.98	0.0304
SEGI2	52	m	1	-0.48	37.99	2.27	0.0032
SOBUE	125	m	5	-0.40	13.37	0.37	0.1431
*TANG2	1	m	3	-0.06	74.81	2.20	0.5925
WAKAI	64	m	5	0.02	2.73	0.17	0.9739
WYNDE5	3	m	0	-0.03	98.39	3.91	0.7354
WYNDE5	6	f	0	-0.40	13.45	0.37	0.1427
Subtotal WYNDE5				0.03	111.85	4.29	
WYNDE6	423	m	3	-0.04	84.32	3.13	0.7078
WYNDE6	426	f	3	-0.09	16.73	0.32	0.6996
Subtotal WYNDE6				0.33	101.06	3.46	

## Appendix Table D2 - 2

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
 Adjusted

RR data

	N	42
	NS	31
	Wt	1534.82
Het	Chi	145.03
Het	df	41
Het	P	***
Fixed	RR	0.79
	RRl	0.75
	RRu	0.83
	P	---
Random	RR	0.73
	RRl	0.65
	RRu	0.82
	P	---

Appendix Table D2 - 3

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

RR data

N	42			
NS	31			
Wt	1534.82			
Het Chi	145.03			
Het df	41			
Het P	***			
Fixed RR	0.79			
RR1	0.75			
RRu	0.83			
P	---			
Random RR	0.73			
RR1	0.65			
RRu	0.82			
P	---			
RR Description:Sex(RR)				
	combined	male	female	Total
N	2	25	15	42
NS	2	25	15	42
Wt	48.98	1192.81	293.02	1534.82
Het Chi	0.94	122.58	17.81	145.03
Het df	1	24	14	41
Het P	N.S.	***	N.S.	***
Fixed RR	0.65	0.81	0.74	0.79
RR1	0.49	0.77	0.66	0.75
RRu	0.86	0.86	0.83	0.83
P	--	---	---	---
Random RR	0.65	0.70	0.79	0.73
RR1	0.49	0.60	0.68	0.65
RRu	0.86	0.82	0.93	0.82
P	--	---	--	---
Between Chi				3.70
Between df				2
Between P				N.S.

MALES

All LC (or nearest)			
	all	other	Total
N	23	2	25
NS	23	2	25
Wt	1095.12	97.70	1192.81
Het Chi	119.56	1.49	122.58
Het df	22	1	24
Het P	***	N.S.	***
Fixed RR	0.80	0.91	0.81
RR1	0.76	0.75	0.77
RRu	0.85	1.11	0.86
P	---	N.S.	---
Random RR	0.68	0.88	0.70
RR1	0.58	0.64	0.60
RRu	0.81	1.19	0.82
P	---	N.S.	---
Between Chi			1.53
Between df			1
Between P			N.S.

Appendix Table D2 - 3

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

MALES

		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data									
	N	6	3	12	4			25	
	NS	6	3	12	4			25	
	Wt	295.83	85.10	756.05	55.83			1192.81	
	Het Chi	30.79	21.55	38.64	8.70			122.58	
	Het df	5	2	11	3			24	
	Het P	***	***	***	*			***	
Fixed	RR	0.77	0.55	0.88	0.61			0.81	
	RRl	0.69	0.45	0.82	0.47			0.77	
	RRu	0.87	0.69	0.95	0.79			0.86	
	P	---	---	---	---			---	
Random	RR	0.73	0.62	0.76	0.53			0.70	
	RRl	0.53	0.29	0.63	0.29			0.60	
	RRu	1.01	1.33	0.92	0.97			0.82	
	P	(-)	N.S.	--	-			---	
Between	Chi							22.90	
Between	df							3	
Between	P							***	
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N	1	7	1	2	1			12
	NS	1	7	1	2	1			12
	Wt	482.35	219.65	8.43	27.32	18.30			756.05
	Het Chi	0.00	24.90	0.00	2.38	0.00			38.64
	Het df	0	6	0	1	0			11
	Het P	N.S.	***	N.S.	N.S.	N.S.			***
Fixed	RR	0.95	0.78	0.41	0.77	0.88			0.88
	RRl	0.87	0.68	0.21	0.53	0.56			0.82
	RRu	1.04	0.89	0.81	1.12	1.39			0.95
	P	N.S.	---	--	N.S.	N.S.			---
Random	RR	0.95	0.74	0.41	0.69	0.88			0.76
	RRl	0.87	0.55	0.21	0.35	0.56			0.63
	RRu	1.04	1.00	0.81	1.35	1.39			0.92
	P	N.S.	(-)	--	N.S.	N.S.			--
Between	Chi								11.36
Between	df								4
Between	P								*
		Country in Asia							
		China	Japan	India	other	Total			
	N		3		1	4			
	NS		3		1	4			
	Wt		54.09		1.75	55.83			
	Het Chi		0.65		0.00	8.70			
	Het df		2		0	3			
	Het P		N.S.		N.S.	*			
Fixed	RR		0.65		0.07	0.61			
	RRl		0.50		0.02	0.47			
	RRu		0.85		0.32	0.79			
	P		--		---	---			
Random	RR		0.65		0.07	0.53			
	RRl		0.50		0.02	0.29			
	RRu		0.85		0.32	0.97			
	P		--		---	-			
Between	Chi					8.05			
Between	df					1			
Between	P					**			

Appendix Table D2 - 3

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

		Start year of study							
		<1960	1960-69	1970-79	1980-89	1990+	Total		
MALES									
RR data									
	N	1	9	6	8	1	25		
	NS	1	9	6	8	1	25		
	Wt	2.47	400.64	591.39	189.46	8.86	1192.81		
	Het Chi	0.00	30.97	5.86	30.38	0.00	122.58		
	Het df	0	8	5	7	0	24		
	Het P	N.S.	***	N.S.	***	N.S.	***		
Fixed	RR	0.18	0.83	0.92	0.52	1.25	0.81		
	RRl	0.05	0.75	0.85	0.45	0.65	0.77		
	RRu	0.63	0.91	1.00	0.60	2.41	0.86		
	P	--	---	-	---	N.S.	---		
Random	RR	0.18	0.78	0.89	0.51	1.25	0.70		
	RRl	0.05	0.63	0.79	0.36	0.65	0.60		
	RRu	0.63	0.96	1.01	0.72	2.41	0.82		
	P	--	-	(-)	---	N.S.	---		
Between	Chi						55.38		
Between	df						4		
Between	P						***		
		Study type							
		CC	prosp	other	Total				
	N	18	7		25				
	NS	18	7		25				
	Wt	1020.09	172.72		1192.81				
	Het Chi	111.75	9.48		122.58				
	Het df	17	6		24				
	Het P	***	N.S.		***				
Fixed	RR	0.80	0.88		0.81				
	RRl	0.75	0.76		0.77				
	RRu	0.85	1.02		0.86				
	P	---	(-)		---				
Random	RR	0.65	0.85		0.70				
	RRl	0.53	0.69		0.60				
	RRu	0.79	1.05		0.82				
	P	---	N.S.		---				
Between	Chi				1.35				
Between	df				1				
Between	P				N.S.				
		Number of adjustment variables							
		0	1	2	3-5	6-9	10+/-nk	Total	
	N	7	3	4	10	1		25	
	NS	7	3	4	10	1		25	
	Wt	210.60	81.54	112.66	781.90	6.12		1192.81	
	Het Chi	38.10	1.59	11.94	46.62	0.00		122.58	
	Het df	6	2	3	9	0		24	
	Het P	***	N.S.	**	***	N.S.		***	
Fixed	RR	0.67	0.68	0.65	0.90	0.53		0.81	
	RRl	0.59	0.55	0.54	0.84	0.24		0.77	
	RRu	0.77	0.85	0.79	0.96	1.17		0.86	
	P	---	---	---	--	N.S.		---	
Random	RR	0.52	0.68	0.64	0.82	0.53		0.70	
	RRl	0.33	0.55	0.43	0.66	0.24		0.60	
	RRu	0.80	0.85	0.94	1.03	1.17		0.82	
	P	--	---	-	(-)	N.S.		---	
Between	Chi							24.33	
Between	df							4	
Between	P							***	

Appendix Table D2 - 3

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
 All Lung Cancer types  
 Adjusted

MALES

Smoking status  
 ever current Total

RR data

	N	10	15	25
	NS	10	15	25
	Wt	675.95	516.86	1192.81
Het	Chi	87.56	34.94	122.58
Het	df	9	14	24
Het	P	***	**	***
Fixed	RR	0.80	0.82	0.81
	RRl	0.75	0.75	0.77
	RRu	0.87	0.89	0.86
	P	---	---	---
Random	RR	0.56	0.78	0.70
	RRl	0.39	0.67	0.60
	RRu	0.81	0.90	0.82
	P	--	--	---
Between	Chi			0.08
Between	df			1
Between	P			N.S.

Product  
 cig+/-ot cig only Total

	N	18	7	25
	NS	18	7	25
	Wt	961.92	230.89	1192.81
Het	Chi	69.64	47.03	122.58
Het	df	17	6	24
Het	P	***	***	***
Fixed	RR	0.84	0.70	0.81
	RRl	0.79	0.62	0.77
	RRu	0.89	0.80	0.86
	P	---	---	---
Random	RR	0.71	0.70	0.70
	RRl	0.59	0.48	0.60
	RRu	0.84	1.02	0.82
	P	---	(-)	---
Between	Chi			5.91
Between	df			1
Between	P			*

Cigarette type  
 only f always f mainly f equal p&f both p&f ever f Total

	N	11	2	1		11	25
	NS	11	2	1		11	25
	Wt	275.23	54.85	8.86		853.88	1192.81
Het	Chi	41.86	2.26	0.00		68.69	122.58
Het	df	10	1	0		10	24
Het	P	***	N.S.	N.S.		***	***
Fixed	RR	0.72	0.66	1.25		0.85	0.81
	RRl	0.64	0.51	0.65		0.79	0.77
	RRu	0.81	0.86	2.41		0.91	0.86
	P	---	--	N.S.		---	---
Random	RR	0.71	0.59	1.25		0.68	0.70
	RRl	0.54	0.35	0.65		0.54	0.60
	RRu	0.92	1.00	2.41		0.87	0.82
	P	--	(-)	N.S.		--	---
Between	Chi						9.77
Between	df						3
Between	P						*

Appendix Table D2 - 3

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
 All Lung Cancer types  
 Adjusted

MALES

	Denominator				Total
	ever p	mainly p	p NOS	always p	
RR data					
	N	3	1	10	11
	NS	3	1	10	11
	Wt	84.67	8.86	245.41	853.88
	Het Chi	15.34	0.00	14.23	68.69
	Het df	2	0	9	10
	Het P	***	N.S.	N.S.	***
Fixed	RR	0.49	1.25	0.80	0.85
	RRl	0.40	0.65	0.71	0.79
	RRu	0.61	2.41	0.91	0.91
	P	---	N.S.	---	---
Random	RR	0.45	1.25	0.79	0.68
	RRl	0.23	0.65	0.67	0.54
	RRu	0.86	2.41	0.94	0.87
	P	-	N.S.	--	--
Between	Chi				24.31
Between	df				3
Between	P				***

FEMALES

	All LC (or nearest)			Total
	all	other		
	N	14	1	15
	NS	14	1	15
	Wt	276.28	16.73	293.02
	Het Chi	17.08	0.00	17.81
	Het df	13	0	14
	Het P	N.S.	N.S.	N.S.
Fixed	RR	0.73	0.91	0.74
	RRl	0.65	0.56	0.66
	RRu	0.83	1.47	0.83
	P	---	N.S.	---
Random	RR	0.79	0.91	0.79
	RRl	0.66	0.56	0.68
	RRu	0.94	1.47	0.93
	P	--	N.S.	--
Between	Chi			0.73
Between	df			1
Between	P			N.S.

  

	Continent						Total
	NAmer	SCAmer	Europe	Asia	Auslia	Africa	
	N	5	8	2			15
	NS	5	8	2			15
	Wt	210.53		78.32	4.17		293.02
	Het Chi	7.50		8.43	0.47		17.81
	Het df	4		7	1		14
	Het P	N.S.		N.S.	N.S.		N.S.
Fixed	RR	0.71		0.83	0.69		0.74
	RRl	0.62		0.67	0.27		0.66
	RRu	0.82		1.04	1.81		0.83
	P	---		N.S.	N.S.		---
Random	RR	0.78		0.84	0.69		0.79
	RRl	0.61		0.65	0.27		0.68
	RRu	1.02		1.09	1.81		0.93
	P	(-)		N.S.	N.S.		--
Between	Chi						1.41
Between	df						2

Appendix Table D2 - 3

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
 Adjusted

FEMALES

		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data	Between	P							
		N.S.							
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N	1	4		2	1			8
	NS	1	4		2	1			8
	Wt	9.84	50.94		16.25	1.29			78.32
	Het Chi	0.00	5.52		0.47	0.00			8.43
	Het df	0	3		1	0			7
	Het P	N.S.	N.S.		N.S.	N.S.			N.S.
	Fixed RR	0.81	0.88		0.80	0.22			0.83
	RR1	0.43	0.67		0.49	0.04			0.67
	RRu	1.51	1.15		1.31	1.24			1.04
	P	N.S.	N.S.		N.S.	(-)			N.S.
	Random RR	0.81	0.95		0.80	0.22			0.84
	RR1	0.43	0.62		0.49	0.04			0.65
	RRu	1.51	1.45		1.31	1.24			1.09
	P	N.S.	N.S.		N.S.	(-)			N.S.
	Between Chi								2.44
	Between df								3
	Between P								N.S.
		Country in Asia							
		China	Japan	India	other	Total			
	N				2	2			
	NS				2	2			
	Wt				4.17	4.17			
	Het Chi				0.47	0.47			
	Het df				1	1			
	Het P				N.S.	N.S.			
	Fixed RR				0.69	0.69			
	RR1				0.27	0.27			
	RRu				1.81	1.81			
	P				N.S.	N.S.			
	Random RR				0.69	0.69			
	RR1				0.27	0.27			
	RRu				1.81	1.81			
	P				N.S.	N.S.			
	Between Chi								
	Between df								
	Between P						N.S.		



Appendix Table D2 - 3

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Adjusted

FEMALES

Start year of study  
<1960    1960-69    1970-79    1980-89    1990+    Total

RR data

	N	6	6	3	15
	NS	6	6	3	15
	Wt	68.07	67.11	157.83	293.02
	Het Chi	5.07	4.18	1.92	17.81
	Het df	5	5	2	14
	Het P	N.S.	N.S.	N.S.	N.S.
Fixed	RR	0.80	0.94	0.65	0.74
	RRl	0.63	0.74	0.56	0.66
	RRu	1.01	1.19	0.76	0.83
	P	(-)	N.S.	---	---
Random	RR	0.80	0.94	0.65	0.79
	RRl	0.63	0.74	0.56	0.68
	RRu	1.02	1.19	0.76	0.93
	P	(-)	N.S.	---	--
Between	Chi				6.64
Between	df				2
Between	P				*

Study type  
CC    prosp    other    Total

	N	10	5	15
	NS	10	5	15
	Wt	107.57	185.45	293.02
	Het Chi	11.86	1.90	17.81
	Het df	9	4	14
	Het P	N.S.	N.S.	N.S.
Fixed	RR	0.87	0.68	0.74
	RRl	0.72	0.59	0.66
	RRu	1.05	0.78	0.83
	P	N.S.	---	---
Random	RR	0.87	0.68	0.79
	RRl	0.69	0.59	0.68
	RRu	1.09	0.78	0.93
	P	N.S.	---	--
Between	Chi			4.05
Between	df			1
Between	P			*

Number of adjustment variables

0    1    2    3-5    6-9    10+ / +nk    Total

	N	5	4	6	15
	NS	5	4	6	15
	Wt	35.60	210.08	47.33	293.02
	Het Chi	6.09	4.43	3.28	17.81
	Het df	4	3	5	14
	Het P	N.S.	N.S.	N.S.	N.S.
Fixed	RR	0.97	0.69	0.83	0.74
	RRl	0.70	0.61	0.62	0.66
	RRu	1.34	0.79	1.10	0.83
	P	N.S.	---	N.S.	---
Random	RR	0.97	0.72	0.83	0.79
	RRl	0.60	0.59	0.62	0.68
	RRu	1.56	0.90	1.10	0.93
	P	N.S.	--	N.S.	--
Between	Chi				4.01
Between	df				2
Between	P				N.S.

Appendix Table D2 - 3

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
 All Lung Cancer types  
 Adjusted

FEMALES

Smoking status  
 ever current Total

RR data

	N	5	10	15
	NS	5	10	15
	Wt	29.47	263.55	293.02
Het	Chi	7.06	7.07	17.81
Het	df	4	9	14
Het	P	N.S.	N.S.	N.S.
Fixed	RR	1.04	0.72	0.74
	RRl	0.72	0.63	0.66
	RRu	1.49	0.81	0.83
	P	N.S.	---	---
Random	RR	0.96	0.72	0.79
	RRl	0.52	0.63	0.68
	RRu	1.76	0.81	0.93
	P	N.S.	---	--
Between	Chi			3.69
Between	df			1
Between	P			(*)

Product  
 cig+/-ot cig only Total

	N	9	6	15
	NS	9	6	15
	Wt	224.83	68.19	293.02
Het	Chi	11.99	5.65	17.81
Het	df	8	5	14
Het	P	N.S.	N.S.	N.S.
Fixed	RR	0.73	0.78	0.74
	RRl	0.64	0.61	0.66
	RRu	0.84	0.98	0.83
	P	---	-	---
Random	RR	0.83	0.77	0.79
	RRl	0.66	0.60	0.68
	RRu	1.05	1.00	0.93
	P	N.S.	(-)	--
Between	Chi			0.17
Between	df			1
Between	P			N.S.

Cigarette type  
 only f always f mainly f equal p&f both p&f ever f Total

	N	5		10	15
	NS	5		10	15
	Wt	180.27		112.75	293.02
Het	Chi	2.53		9.49	17.81
Het	df	4		9	14
Het	P	N.S.		N.S.	N.S.
Fixed	RR	0.66		0.89	0.74
	RRl	0.57		0.74	0.66
	RRu	0.77		1.07	0.83
	P	---		N.S.	---
Random	RR	0.66		0.89	0.79
	RRl	0.57		0.73	0.68
	RRu	0.77		1.08	0.93
	P	---		N.S.	--
Between	Chi				5.79
Between	df				1
Between	P				*

Appendix Table D2 - 3

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
 Adjusted

FEMALES

		Denominator				
	ever	p mainly	p	NOS	always	Total
RR data	N	1	1	4	9	15
	NS	1	1	4	9	15
	Wt	1.29	156.19	39.22	96.33	293.02
	Het Chi	0.00	0.00	3.40	7.04	17.81
	Het df	0	0	3	8	14
	Het P	N.S.	N.S.	N.S.	N.S.	N.S.
Fixed	RR	0.22	0.66	0.93	0.83	0.74
	RRl	0.04	0.56	0.68	0.68	0.66
	RRu	1.24	0.77	1.27	1.02	0.83
	P	(-)	---	N.S.	(-)	---
Random	RR	0.22	0.66	0.92	0.83	0.79
	RRl	0.04	0.56	0.66	0.68	0.68
	RRu	1.24	0.77	1.29	1.02	0.93
	P	(-)	---	N.S.	(-)	--
Between	Chi					7.37
Between	df					3
Between	P					(*)

Appendix Table D2 - 4

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM
AGUDO	18	f	0	0	all	-	all	Eu:wst	1989	CC	0	ever	cig only	only f	ever p
ALDERS	170	m	0	0	all	-	all	Eu:UK	1977	CC	0	current	cig+/-ot	ever f	always p
ALDERS	162	f	0	0	all	-	all	Eu:UK	1977	CC	0	current	cig only	ever f	always p
ARMADA	21	m	0	0	all	-	all	Eu:wst	1986	CC	0	ever	cig+/-ot	ever f	always p
BECHER	9	m	0	0	all	-	all	Eu:Ger	1985	CC	0	ever	cig+/-ot	always f	ever p
BROSS	14	m	0	0	wh	-	all	NAMer	1960	CC	0	current	cig+/-ot	only f	p NOS
BUFFLE	56	f	0	0	w-hi	-	all	NAMer	1976	CC	0	ever	cig+/-ot	ever f	p NOS
CHOI	40	m	0	0	all	-	all	As:oth	1985	CC	0	ever	cig+/-ot	ever f	always p
CHOI	44	f	0	0	all	-	all	As:oth	1985	CC	0	ever	cig+/-ot	ever f	always p
CORREA	65	c	0	0	all	-	all	NAMer	1979	CC	2	ever	cig+/-ot	only f	p NOS
CPSII	138	f	0	0	all	4	all	NAMer	1982	prosp	2	current	cig+/-ot	only f	mainly p
DEAN2	36	m	0	0	all	-	all	Eu:UK	1960	CC	0	ever	cig+/-ot	ever f	always p
DEAN2	42	f	0	0	all	-	all	Eu:UK	1960	CC	0	ever	cig+/-ot	ever f	always p
DEAN3	167	m	0	0	all	-	all	Eu:UK	1969	CC	0	current	cig only	ever f	always p
DEAN3	171	f	0	0	all	-	all	Eu:UK	1969	CC	0	current	cig only	ever f	always p
DESTEF	22	c	0	0	all	-	all	SCAmer	1993	CC	0	ever	cig+/-ot	always f	ever p
DESTEF	52	m	0	0	all	-	all	SCAmer	1988	CC	0	ever	cig+/-ot	always f	ever p
DOLL	47	m	0	0	all	-	all	Eu:UK	1948	CC	0	ever	cig+/-ot	ever f	always p
ENGELA	116	m	0	0	all	0	all	Eu:Sca	1964	prosp	0	current	cig+/-ot	ever f	always p
ENGELA	123	f	0	0	all	0	all	Eu:Sca	1964	prosp	0	current	cig+/-ot	ever f	always p
KAISE2	55	m	30	89	all	9	all	NAMer	1979	prosp	5	current	cig only	only f	p NOS
KAISE2	56	f	30	89	all	9	all	NAMer	1979	prosp	5	current	cig only	only f	p NOS
KHUDER	7	m	0	0	all	-	all	NAMer	1985	CC	0	ever	cig+/-ot	ever f	always p
LANGE	42	m	0	0	all	0	all	Eu:Sca	1976	prosp	0	current	cig only	only f	p NOS
LANGE	41	f	0	0	all	0	all	Eu:Sca	1976	prosp	0	current	cig only	only f	p NOS
LUBIN2	121	m	0	0	all	-	all	Eu:mul	1976	CC	0	ever	cig+/-ot	ever f	always p
LUBIN2	125	f	0	0	all	-	all	Eu:mul	1976	CC	0	ever	cig+/-ot	ever f	always p
MACLEN	85	f	0	0	ch	-	all	As:oth	1972	CC	0	current	cig+/-ot	ever f	always p
MATOS	72	m	0	0	all	-	all	SCAmer	1994	CC	0	ever	cig+/-ot	mainly f	mainly p
MIGRAN	99	m	0	0	all	0	all	Eu:UK	1964	prosp	0	current	cig only	only f	p NOS
MIGRAN	103	f	0	0	all	0	all	Eu:UK	1964	prosp	0	current	cig only	only f	p NOS
MRFITR	7	m	0	0	all	0	all	NAMer	1973	prosp	9	current	cig+/-ot	only f	p NOS
PEZZOT	23	m	0	0	all	-	all	SCAmer	1987	CC	2	ever	cig only	only f	ever p
RIMING	4	m	0	0	all	0	all	Eu:UK	1970	prosp	0	current	cig only	only f	p NOS
SEGI2	51	m	0	0	all	-	all	As:Jap	1962	CC	0	current	cig+/-ot	only f	p NOS
SOBUE	122	m	0	0	all	-	q+s+l+a	As:Jap	1986	CC	0	current	cig+/-ot	only f	p NOS
TANG2	1	m	0	0	all	0	all	Eu:UK	1967	prosp	3	current	cig only	only f	p NOS
WAKAI	63	m	0	0	all	-	all	As:Jap	1988	CC	0	current	cig+/-ot	only f	p NOS
WYNDE5	3	m	0	0	all	-	all	NAMer	1969	CC	0	current	cig+/-ot	ever f	always p
WYNDE5	6	f	0	0	all	-	all	NAMer	1969	CC	0	current	cig+/-ot	ever f	always p
WYNDE6	417	m	0	0	all	-	q+a	NAMer	1969	CC	0	current	cig+/-ot	ever f	always p
WYNDE6	420	f	0	0	all	-	q+a	NAMer	1969	CC	0	current	cig+/-ot	ever f	always p

Appendix Table D2 - 5

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
AGUDO	18	f	0	14	21	8	2	0.17	( 0.03-	0.90)
ALDERS	170	m	0	341	225	178	97	0.83	( 0.61-	1.11)
ALDERS	162	f	0	348	192	62	37	1.08	( 0.69-	1.69)
Subtotal ALDERS								0.90	( 0.70-	1.15)
ARMADA	21	m	0	254	199	63	55	1.11	( 0.74-	1.67)
BECHER	9	m	0	102	196	35	21	0.31	( 0.17-	0.56)
BROSS	14	m	0	65	76	200	138	0.59	( 0.40-	0.88)
BUFFLE	56	f	0	193	123	47	38	1.27	( 0.78-	2.06)
CHOI	40	m	0	254	463	15	2	0.07	( 0.02-	0.32)
CHOI	44	f	0	18	26	1	0	0.23	( 0.01-	6.03)
Subtotal CHOI								0.09	( 0.02-	0.34)
CORREA	65	c	2	-	-	-	-	0.55	( 0.35-	0.85)
*CPSII	138	f	2	-	-	-	-	0.66	( 0.57-	0.78)
DEAN2	36	m	0	20	17	644	529	0.97	( 0.50-	1.86)
DEAN2	42	f	0	12	2	50	26	3.12	( 0.65-	15.00)
Subtotal DEAN2								1.15	( 0.63-	2.11)
DEAN3	167	m	0	78	407	194	322	0.32	( 0.24-	0.43)
DEAN3	171	f	0	55	646	27	170	0.54	( 0.33-	0.88)
Subtotal DEAN3								0.37	( 0.28-	0.47)
DESTE2	22	c	0	158	128	142	84	0.73	( 0.51-	1.04)
DESTEF	52	m	0	178	156	292	178	0.70	( 0.52-	0.92)
DOLL	47	m	0	3	15	501	452	0.18	( 0.05-	0.63)
*ENGELA	116	m	0	7	6306	38	15055	0.44	( 0.20-	0.98)
*ENGELA	123	f	0	13	24819	11	13521	0.64	( 0.29-	1.44)
Subtotal ENGELA								0.53	( 0.30-	0.94)
*KAISE2	55	m	5	-	-	-	-	1.03	( 0.61-	1.75)
*KAISE2	56	f	5	-	-	-	-	0.65	( 0.32-	1.31)
Subtotal KAISE2								0.87	( 0.57-	1.33)
KHUDE	7	m	0	173	440	284	334	0.46	( 0.36-	0.59)
*LANGE	42	m	0	25	953	65	1642	0.66	( 0.42-	1.04)
*LANGE	41	f	0	19	2269	20	1344	0.56	( 0.30-	1.05)
Subtotal LANGE								0.63	( 0.43-	0.90)
LUBIN2	121	m	0	4889	7446	1737	2988	1.13	( 1.05-	1.21)
LUBIN2	125	f	0	495	514	56	53	0.91	( 0.61-	1.35)
Subtotal LUBIN2								1.12	( 1.05-	1.20)
MACLEN	85	f	0	15	13	21	14	0.77	( 0.28-	2.10)
MATOS	72	m	0	163	229	22	46	1.49	( 0.86-	2.57)
*MIGRAN	99	m	0	47	1326	57	1630	1.01	( 0.69-	1.48)
*MIGRAN	103	f	0	15	1773	8	871	0.92	( 0.39-	2.16)
Subtotal MIGRAN								1.00	( 0.71-	1.41)
*MRFITR	7	m	9	-	-	-	-	0.53	( 0.24-	1.17)
PEZZOT	23	m	2	-	-	-	-	0.23	( 0.16-	0.34)
*RIMING	4	m	0	45	3045	59	2393	0.60	( 0.41-	0.88)
SEGI2	51	m	0	105	250	135	203	0.63	( 0.46-	0.87)
SOBUE	122	m	0	560	540	49	26	0.55	( 0.34-	0.90)
*TANG2	1	m	3	-	-	-	-	0.94	( 0.75-	1.18)
WAKAI	63	m	0	174	271	5	9	1.16	( 0.38-	3.51)
WYNDE5	3	m	0	417	629	273	398	0.97	( 0.79-	1.18)
WYNDE5	6	f	0	152	200	34	30	0.67	( 0.39-	1.14)
Subtotal WYNDE5								0.92	( 0.77-	1.11)
WYNDE6	417	m	0	1148	711	294	165	0.91	( 0.73-	1.12)
WYNDE6	420	f	0	785	437	65	30	0.83	( 0.53-	1.30)
Subtotal WYNDE6								0.89	( 0.74-	1.08)
Partial Totals				11340	55063	5692	42903			
*prospective study									~ With 0.5 adjustment for zero	

Appendix Table D2 - 5

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
 All Lung Cancer types  
 Unadjusted

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
AGUDO	18	f	0	-1.79	1.34	3.62	0.0378
ALDERS	170	m	0	-0.19	42.91	0.07	0.2102
ALDERS	162	f	0	0.08	19.52	1.03	0.7288
Subtotal ALDERS				0.19	62.43	1.10	
ARMADA	21	m	0	0.11	23.25	1.57	0.6018
BECHER	9	m	0	-1.16	10.98	11.25	0.0001
BROSS	14	m	0	-0.53	24.52	3.46	0.0090
BUFFLE	56	f	0	0.24	16.42	2.49	0.3350
CHOI	40	m	0	-2.62	1.75	10.60	0.0005
CHOI	44	f	0	-1.46	0.36	0.62	0.3800
Subtotal CHOI				-3.77	2.11	11.22	
CORREA	65	c	2	-0.60	19.52	3.89	0.0083
*CPSII	138	f	2	-0.42	156.19	10.88	0.0000
DEAN2	36	m	0	-0.03	8.91	0.12	0.9187
DEAN2	42	f	0	1.14	1.56	2.59	0.1555
Subtotal DEAN2				1.41	10.47	2.71	
DEAN3	167	m	0	-1.15	42.48	41.96	0.0000
DEAN3	171	f	0	-0.62	15.96	3.55	0.0127
Subtotal DEAN3				-1.47	58.45	45.51	
DESTE2	22	c	0	-0.31	30.22	0.80	0.0839
DESTEF	52	m	0	-0.36	47.46	2.12	0.0124
DOLL	47	m	0	-1.71	2.47	6.03	0.0071
*ENGELA	116	m	0	-0.82	5.92	2.66	0.0457
*ENGELA	123	f	0	-0.44	5.96	0.50	0.2823
Subtotal ENGELA				-0.96	11.88	3.15	
*KAISE2	55	m	5	0.03	13.83	0.45	0.9125
*KAISE2	56	f	5	-0.43	7.73	0.60	0.2309
Subtotal KAISE2				-0.10	21.57	1.06	
KHUDER	7	m	0	-0.77	68.64	26.36	0.0000
*LANGE	42	m	0	-0.41	18.61	1.26	0.0759
*LANGE	41	f	0	-0.57	9.86	1.77	0.0710
Subtotal LANGE				-0.68	28.47	3.02	
LUBIN2	121	m	0	0.12	800.50	59.83	0.0006
LUBIN2	125	f	0	-0.09	24.58	0.09	0.6458
Subtotal LUBIN2				0.33	825.08	59.91	
MACLEN	85	f	0	-0.26	3.81	0.05	0.6087
MATOS	72	m	0	0.40	12.87	3.88	0.1537
*MIGRAN	99	m	0	0.01	26.70	0.73	0.9443
*MIGRAN	103	f	0	-0.08	5.26	0.03	0.8504
Subtotal MIGRAN				0.23	31.96	0.75	
*MRFITR	7	m	9	-0.63	6.12	1.43	0.1162
PEZZOT	23	m	2	-1.47	27.04	46.98	0.0000
*RIMING	4	m	0	-0.51	26.02	3.38	0.0090
SEGI2	51	m	0	-0.46	38.67	3.67	0.0043
SOBUE	122	m	0	-0.60	16.00	3.18	0.0169
*TANG2	1	m	3	-0.06	74.81	0.60	0.5925
WAKAI	63	m	0	0.14	3.12	0.27	0.7982
WYNDE5	3	m	0	-0.03	98.39	1.36	0.7354
WYNDE5	6	f	0	-0.40	13.45	0.83	0.1427
Subtotal WYNDE5				-0.13	111.85	2.19	
WYNDE6	417	m	0	-0.10	85.18	0.24	0.3632
WYNDE6	420	f	0	-0.19	19.13	0.02	0.4123
Subtotal WYNDE6				0.02	104.31	0.26	

## Appendix Table D2 - 5

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
 Unadjusted

RR data

	N	42
	NS	31
	Wt	1878.05
Het	Chi	266.80
Het	df	41
Het	P	***
Fixed	RR	0.86
	RRl	0.82
	RRu	0.90
	P	---
Random	RR	0.69
	RRl	0.60
	RRu	0.80
	P	---

Appendix Table D2 - 6

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

## RR data

	N	42			
	NS	31			
	Wt	1878.05			
Het	Chi	266.80			
Het	df	41			
Het	P	***			
Fixed	RR	0.86			
	RRl	0.82			
	RRu	0.90			
	P	---			
Random	RR	0.69			
	RRl	0.60			
	RRu	0.80			
	P	---			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	2	25	15	42
	NS	2	25	15	42
	Wt	49.74	1527.17	301.13	1878.05
Het	Chi	0.95	230.87	20.61	266.80
Het	df	1	24	14	41
Het	P	N.S.	***	N.S.	***
Fixed	RR	0.65	0.90	0.73	0.86
	RRl	0.49	0.85	0.65	0.82
	RRu	0.86	0.94	0.82	0.90
	P	--	---	---	---
Random	RR	0.65	0.66	0.77	0.69
	RRl	0.49	0.54	0.64	0.60
	RRu	0.86	0.80	0.91	0.80
	P	--	---	--	---
Between	Chi				14.36
Between	df				2
Between	P				***

## MALES

	All LC (or nearest)				
	all	other	Total		
	N	23	2	25	
	NS	23	2	25	
	Wt	1425.99	101.18	1527.17	
Het	Chi	227.03	3.35	230.87	
Het	df	22	1	24	
Het	P	***	(*)	***	
Fixed	RR	0.90	0.84	0.90	
	RRl	0.85	0.69	0.85	
	RRu	0.95	1.02	0.94	
	P	---	(-)	---	
Random	RR	0.65	0.74	0.66	
	RRl	0.52	0.46	0.54	
	RRu	0.80	1.20	0.80	
	P	---	N.S.	---	
Between	Chi				0.49
Between	df				1
Between	P				N.S.



Appendix Table D2 - 6

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

MALES		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data									
	N	6	3	12	4			25	
	NS	6	3	12	4			25	
	Wt	296.69	87.37	1083.57	59.54			1527.17	
	Het Chi	28.91	35.93	105.82	9.28			230.87	
	Het df	5	2	11	3			24	
	Het P	***	***	***	*			***	
Fixed	RR	0.76	0.55	1.00	0.59			0.90	
	RRl	0.68	0.45	0.94	0.46			0.85	
	RRu	0.85	0.68	1.06	0.76			0.94	
	P	---	---	N.S.	---			---	
Random	RR	0.73	0.61	0.68	0.52			0.66	
	RRl	0.53	0.24	0.51	0.29			0.54	
	RRu	0.99	1.58	0.90	0.94			0.80	
	P	-	N.S.	--	-			---	
Between	Chi							50.93	
Between	df							3	
Between	P							***	
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N	1	7	1	2	1			12
	NS	1	7	1	2	1			12
	Wt	800.50	224.32	10.98	24.53	23.25			1083.57
	Het Chi	0.00	43.86	0.00	0.75	0.00			105.82
	Het df	0	6	0	1	0			11
	Het P	N.S.	***	N.S.	N.S.	N.S.			***
Fixed	RR	1.13	0.70	0.31	0.60	1.11			1.00
	RRl	1.05	0.62	0.17	0.40	0.74			0.94
	RRu	1.21	0.80	0.56	0.89	1.67			1.06
	P	+++	---	---	-	N.S.			N.S.
Random	RR	1.13	0.66	0.31	0.60	1.11			0.68
	RRl	1.05	0.44	0.17	0.40	0.74			0.51
	RRu	1.21	0.97	0.56	0.89	1.67			0.90
	P	+++	-	---	-	N.S.			--
Between	Chi								61.21
Between	df								4
Between	P								***
		Country in Asia							
		China	Japan	India	other	Total			
	N		3		1	4			
	NS		3		1	4			
	Wt		57.79		1.75	59.54			
	Het Chi		1.44		0.00	9.28			
	Het df		2		0	3			
	Het P		N.S.		N.S.	*			
Fixed	RR		0.63		0.07	0.59			
	RRl		0.49		0.02	0.46			
	RRu		0.81		0.32	0.76			
	P		---		---	---			
Random	RR		0.63		0.07	0.52			
	RRl		0.49		0.02	0.29			
	RRu		0.81		0.32	0.94			
	P		---		---	-			
Between	Chi					7.84			
Between	df					1			
Between	P					**			

Appendix Table D2 - 6

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
 All Lung Cancer types  
 Unadjusted

MALES

Start year of study  
 <1960 1960-69 1970-79 1980-89 1990+ Total

RR data

N	1	9	6	8	1	25
NS	1	9	6	8	1	25
Wt	2.47	405.59	908.01	198.23	12.87	1527.17
Het Chi	0.00	51.04	21.26	47.98	0.00	230.87
Het df	0	8	5	7	0	24
Het P	N.S.	***	***	***	N.S.	***
Fixed RR	0.18	0.78	1.07	0.51	1.49	0.90
RRl	0.05	0.71	1.01	0.44	0.86	0.85
RRu	0.63	0.86	1.15	0.59	2.57	0.94
P	--	---	+	---	N.S.	---
Random RR	0.18	0.72	0.81	0.48	1.49	0.66
RRl	0.05	0.55	0.61	0.32	0.86	0.54
RRu	0.63	0.94	1.08	0.72	2.57	0.80
P	--	-	N.S.	---	N.S.	---
Between Chi						110.58
Between df						4
Between P						***

Study type  
 CC prosp other Total

N	18	7	25
NS	18	7	25
Wt	1355.15	172.03	1527.17
Het Chi	219.30	10.18	230.87
Het df	17	6	24
Het P	***	N.S.	***
Fixed RR	0.91	0.82	0.90
RRl	0.86	0.71	0.85
RRu	0.95	0.96	0.94
P	---	-	---
Random RR	0.62	0.78	0.66
RRl	0.48	0.63	0.54
RRu	0.80	0.97	0.80
P	---	-	---
Between Chi			1.39
Between df			1
Between P			N.S.

Number of adjustment variables

0 1 2 3-5 6-9 10+/-nk Total

N	21	1	2	1	25
NS	21	1	2	1	25
Wt	1405.36	27.04	88.65	6.12	1527.17
Het Chi	177.93	0.00	0.10	0.00	230.87
Het df	20	0	1	0	24
Het P	***	N.S.	N.S.	N.S.	***
Fixed RR	0.92	0.23	0.95	0.53	0.90
RRl	0.87	0.16	0.77	0.24	0.85
RRu	0.97	0.34	1.17	1.17	0.94
P	--	---	N.S.	N.S.	---
Random RR	0.67	0.23	0.95	0.53	0.66
RRl	0.55	0.16	0.77	0.24	0.54
RRu	0.83	0.34	1.17	1.17	0.80
P	---	---	N.S.	N.S.	---
Between Chi					52.84
Between df					3
Between P					***

Appendix Table D2 - 6

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

Smoking status				Total			
	ever	current					
RR data							
	N	10	15	25			
	NS	10	15	25			
	Wt	1003.87	523.31	1527.17			
Het	Chi	153.05	57.21	230.87			
Het	df	9	14	24			
Het	P	***	***	***			
Fixed	RR	0.97	0.76	0.90			
	RRl	0.92	0.70	0.85			
	RRu	1.04	0.83	0.94			
	P	N.S.	---	---			
Random	RR	0.55	0.71	0.66			
	RRl	0.36	0.59	0.54			
	RRu	0.86	0.86	0.80			
	P	--	---	---			
Between	Chi			20.61			
Between	df			1			
Between	P			***			
Product							
	cig+/-ot	cig only		Total			
	N	18	7	25			
	NS	18	7	25			
	Wt	1297.66	229.51	1527.17			
Het	Chi	122.71	68.55	230.87			
Het	df	17	6	24			
Het	P	***	***	***			
Fixed	RR	0.96	0.61	0.90			
	RRl	0.91	0.54	0.85			
	RRu	1.01	0.69	0.94			
	P	N.S.	---	---			
Random	RR	0.70	0.60	0.66			
	RRl	0.57	0.38	0.54			
	RRu	0.86	0.94	0.80			
	P	---	-	---			
Between	Chi			39.61			
Between	df			1			
Between	P			***			
Cigarette type							
	only f	always f	mainly f	equal p&f	both p&f	ever f	Total
	N	11	2	1		11	25
	NS	11	2	1		11	25
	Wt	275.46	58.44	12.87		1180.41	1527.17
Het	Chi	49.35	5.72	0.00		133.36	230.87
Het	df	10	1	0		10	24
Het	P	***	*	N.S.		***	***
Fixed	RR	0.67	0.60	1.49		0.97	0.90
	RRl	0.60	0.46	0.86		0.92	0.85
	RRu	0.76	0.77	2.57		1.03	0.94
	P	---	---	N.S.		N.S.	---
Random	RR	0.65	0.49	1.49		0.65	0.66
	RRl	0.49	0.22	0.86		0.48	0.54
	RRu	0.86	1.06	2.57		0.88	0.80
	P	--	(-)	N.S.		--	---
Between	Chi						42.44
Between	df						3
Between	P						***

Appendix Table D2 - 6

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

## MALES

	Denominator				Total
	ever p	mainly p	p NOS	always p	
RR data					
	N	3	1	10	11
	NS	3	1	10	11
	Wt	85.48	12.87	248.42	1180.41
	Het Chi	22.62	0.00	14.59	133.36
	Het df	2	0	9	10
	Het P	***	N.S.	N.S.	***
Fixed	RR	0.44	1.49	0.76	0.97
	RRl	0.36	0.86	0.67	0.92
	RRu	0.55	2.57	0.86	1.03
	P	---	N.S.	---	N.S.
Random	RR	0.37	1.49	0.74	0.65
	RRl	0.17	0.86	0.62	0.48
	RRu	0.81	2.57	0.87	0.88
	P	-	N.S.	---	--
Between	Chi				60.29
Between	df				3
Between	P				***

## FEMALES

	All LC (or nearest)			Total				
	all	other						
	N	14	1	15				
	NS	14	1	15				
	Wt	282.01	19.13	301.13				
	Het Chi	20.28	0.00	20.61				
	Het df	13	0	14				
	Het P	(*)	N.S.	N.S.				
Fixed	RR	0.72	0.83	0.73				
	RRl	0.64	0.53	0.65				
	RRu	0.81	1.30	0.82				
	P	---	N.S.	---				
Random	RR	0.76	0.83	0.77				
	RRl	0.63	0.53	0.64				
	RRu	0.92	1.30	0.91				
	P	--	N.S.	--				
Between	Chi			0.33				
Between	df			1				
Between	P			N.S.				
		Continent						
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total
	N	5		8	2			15
	NS	5		8	2			15
	Wt	212.92		84.04	4.17			301.13
	Het Chi	6.93		12.53	0.47			20.61
	Het df	4		7	1			14
	Het P	N.S.		(*)	N.S.			N.S.
Fixed	RR	0.71		0.79	0.69			0.73
	RRl	0.62		0.64	0.27			0.65
	RRu	0.81		0.98	1.81			0.82
	P	---		-	N.S.			---
Random	RR	0.77		0.76	0.69			0.77
	RRl	0.60		0.56	0.27			0.64
	RRu	0.98		1.05	1.81			0.91
	P	-		(-)	N.S.			--
Between	Chi							0.68
Between	df							2

Appendix Table D2 - 6

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
 Unadjusted

FEMALES

		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data	Between	P							
		N.S.							
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N	1	4		2	1			8
	NS	1	4		2	1			8
	Wt	24.58	42.30		15.82	1.34			84.04
	Het Chi	0.00	7.19		0.07	0.00			12.53
	Het df	0	3		1	0			7
	Het P	N.S.	(*)		N.S.	N.S.			(*)
	Fixed RR	0.91	0.85		0.59	0.17			0.79
	RR1	0.61	0.63		0.36	0.03			0.64
	RRu	1.35	1.14		0.97	0.90			0.98
	P	N.S.	N.S.		-	-			-
	Random RR	0.91	0.91		0.59	0.17			0.76
	RR1	0.61	0.53		0.36	0.03			0.56
	RRu	1.35	1.55		0.97	0.90			1.05
	P	N.S.	N.S.		-	-			(-)
	Between Chi								5.27
	Between df								3
	Between P								N.S.
		Country in Asia							
		China	Japan	India	other	Total			
	N				2	2			
	NS				2	2			
	Wt				4.17	4.17			
	Het Chi				0.47	0.47			
	Het df				1	1			
	Het P				N.S.	N.S.			
	Fixed RR				0.69	0.69			
	RR1				0.27	0.27			
	RRu				1.81	1.81			
	P				N.S.	N.S.			
	Random RR				0.69	0.69			
	RR1				0.27	0.27			
	RRu				1.81	1.81			
	P				N.S.	N.S.			
	Between Chi								
	Between df								
	Between P						N.S.		

Appendix Table D2 - 6

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

FEMALES

		Start year of study						
		<1960	1960-69	1970-79	1980-89	1990+	Total	
RR data								
	N		6	6	3		15	
	NS		6	6	3		15	
	Wt		61.33	81.91	157.89		301.13	
	Het Chi		5.58	5.65	2.91		20.61	
	Het df		5	5	2		14	
	Het P		N.S.	N.S.	N.S.		N.S.	
Fixed	RR		0.72	0.92	0.65		0.73	
	RRl		0.56	0.74	0.56		0.65	
	RRu		0.92	1.14	0.76		0.82	
	P		--	N.S.	---		---	
Random	RR		0.72	0.91	0.47		0.77	
	RRl		0.55	0.72	0.19		0.64	
	RRu		0.95	1.15	1.13		0.91	
	P		-	N.S.	(-)		--	
Between	Chi						6.48	
Between	df						2	
Between	P						*	
		Study type						
		CC	prosp	other	Total			
	N	10	5		15			
	NS	10	5		15			
	Wt	116.13	185.01		301.13			
	Het Chi	14.89	0.84		20.61			
	Het df	9	4		14			
	Het P	(*)	N.S.		N.S.			
Fixed	RR	0.86	0.66		0.73			
	RRl	0.71	0.57		0.65			
	RRu	1.03	0.76		0.82			
	P	(-)	---		---			
Random	RR	0.84	0.66		0.77			
	RRl	0.65	0.57		0.64			
	RRu	1.09	0.76		0.91			
	P	N.S.	---		--			
Between	Chi				4.89			
Between	df				1			
Between	P				*			
		Number of adjustment variables						
		0	1	2	3-5	6-9	10+ / +nk	Total
	N	13		1	1			15
	NS	13		1	1			15
	Wt	137.21		156.19	7.73			301.13
	Het Chi	16.93		0.00	0.00			20.61
	Het df	12		0	0			14
	Het P	N.S.		N.S.	N.S.			N.S.
Fixed	RR	0.82		0.66	0.65			0.73
	RRl	0.70		0.56	0.32			0.65
	RRu	0.97		0.77	1.32			0.82
	P	-		---	N.S.			---
Random	RR	0.81		0.66	0.65			0.77
	RRl	0.65		0.56	0.32			0.64
	RRu	1.00		0.77	1.32			0.91
	P	(-)		---	N.S.			--
Between	Chi							3.68
Between	df							2
Between	P							N.S.

Appendix Table D2 - 6

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

FEMALES

		Smoking status		Total				
		ever	current					
RR data	N	5	10	15				
	NS	5	10	15				
	Wt	44.26	256.87	301.13				
	Het Chi	8.24	6.88	20.61				
	Het df	4	9	14				
	Het P	(*)	N.S.	N.S.				
Fixed	RR	1.01	0.69	0.73				
	RRl	0.75	0.61	0.65				
	RRu	1.36	0.78	0.82				
	P	N.S.	---	---				
Random	RR	0.96	0.69	0.77				
	RRl	0.54	0.61	0.64				
	RRu	1.71	0.78	0.91				
	P	N.S.	---	--				
Between	Chi			5.50				
Between	df			1				
Between	P			*				
		Product		Total				
		cig+/-ot	cig only					
	N	9	6	15				
	NS	9	6	15				
	Wt	241.45	59.68	301.13				
	Het Chi	12.08	8.49	20.61				
	Het df	8	5	14				
	Het P	N.S.	N.S.	N.S.				
Fixed	RR	0.73	0.71	0.73				
	RRl	0.65	0.55	0.65				
	RRu	0.83	0.92	0.82				
	P	---	--	---				
Random	RR	0.81	0.68	0.77				
	RRl	0.65	0.48	0.64				
	RRu	1.00	0.97	0.91				
	P	-	-	--				
Between	Chi			0.04				
Between	df			1				
Between	P			N.S.				
		Cigarette type						
		only f	always f	mainly f	equal p&f	both p&f	ever f	Total
	N	5					10	15
	NS	5					10	15
	Wt	180.39					120.75	301.13
	Het Chi	3.37					11.77	20.61
	Het df	4					9	14
	Het P	N.S.					N.S.	N.S.
Fixed	RR	0.65					0.86	0.73
	RRl	0.56					0.72	0.65
	RRu	0.76					1.03	0.82
	P	---					(-)	---
Random	RR	0.65					0.86	0.77
	RRl	0.56					0.69	0.64
	RRu	0.76					1.06	0.91
	P	---					N.S.	--
Between	Chi							5.48
Between	df							1
Between	P							*

Appendix Table D2 - 6

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
 All Lung Cancer types  
 Unadjusted

FEMALES

	Denominator		p NOS	always	p	Total
	ever	mainly				
RR data						
	N	1	1	4	9	15
	NS	1	1	4	9	15
	Wt	1.34	156.19	39.28	104.33	301.13
Het	Chi	0.00	0.00	4.88	8.91	20.61
Het	df	0	0	3	8	14
Het	P	N.S.	N.S.	N.S.	N.S.	N.S.
Fixed	RR	0.17	0.66	0.87	0.81	0.73
	RRl	0.03	0.56	0.64	0.67	0.65
	RRu	0.90	0.77	1.19	0.98	0.82
	P	-	---	N.S.	-	---
Random	RR	0.17	0.66	0.84	0.81	0.77
	RRl	0.03	0.56	0.55	0.65	0.64
	RRu	0.90	0.77	1.26	0.99	0.91
	P	-	---	N.S.	-	--
Between	Chi					6.83
Between	df					3
Between	P					(*)



Appendix Table D2 - 7

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
 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	BLOT2	BOUCHA	BUELL	HIRAOK	LAURIL	MOLLO	MZILEN	VANDER								
2	BERRIN	CHEN	RESTRE	TAO	ULMER	WEIR										
3	ABELIN	ABRAHA	AKIBA	AMANDU	AMES	ANDERS	ARCHER	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND	BARBON	BENSHL	BEST
	BLOHMK	BLOT1	BLOT3	BLOT4	BOFFET	BOUCOT	BRESLO	BRETT	BROCKM	BROWN1	BROWN2	BROWN3	BYERS1	BYERS2	CARPEN	CASCO2
	CASCOR	CEDERL	CHAN	CHANG	CHATZI	CHEN2	CHEN3	CHIAZZ	CHOW	CHYOU	COMSTO	COOKSO	CPSI	DAMBER	DARBY	DAVEYS
	DEAN	DEKLER	DOCKER	DOLL2	DORANT	DORGAN	DORN	DOSEME	DROSTE	DU	DUNN	EBELIN	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	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT	HU	HU2	HUANG	HUMBLE
	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW	KAISER	KANELL	KATSOU	KAUFMA	KELLER	KIHARA
	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK	LAMTH	LAMWK	LAMWK2	LAUSSM	LEI	LEMARC
	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4	LIU5	LOMBA2	LOMBAR	LUBIN	LUO	MAGNUS	MARSH
	MARSH2	MARTIS	MASTRA	MATSUD	MCCONN	MCDUFF	MCLAUG	MILLER	MILLS	MRFIT	MURATA	NAM	NOTAN2	NOTANI	NOU	ODRISC
	ORMOS	OSANN	OSANN2	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PIKE	PISANI	POFFIJ	POLEDN	PRESCO
	QIAO	QIAO2	RACHTA	RADZIK	RANDIG	REN	RONCO	ROOTS	ROTHSC	SAARIK	SADOWS	SANKAR	SCHWA2	SCHWAR	SEGI	SEOW
	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE	STOCKS	STOCKW	STUCKE	SUN	SUZUK2	SUZUKI
	SVENSS	TANG	TENKAN	TIZZAN	TOKARS	TOUSEY	TSUGAN	TULINI	TVERDA	VEIERO	VUTUC	WALD	WANG	WANG2	WANG3	WANG4
	WARSIN	WATSON	WICKLU	WIGLE	WILKIN	WU	WU2	WUNSCH	WUWILL	WYNDE2	WYNDE4	WYNDE7	WYNDE8	WYNDER	XIANGZ	XU
	XU2	XU3	XU4	YAMAGU	YONG	YUAN	ZHANG	ZHENG	ZHOU							
7	WYNDE3															
10	BENHAM															

Appendix Table D2 - 8

IESLC - Meta-analysis of Cigarette Smoking, ever Filter vs only Plain (or nearest available)  
All Lung Cancer types  
Potentially overlapping studies

REF	REFGP	PRINC2	OVERLAP/LINK	
LUBIN2	LUBIN2	1	Lubin-combined	
LANGE	PRESCO	1	Subset of PRESCO	
BROSS	BYERS1	1	GRAHAM/BROSS/BYERS1	
TANG2	TANG2	2	TANG2-combined	
MRFITR	MRFIT	2	Subset of MRFIT	
WYNDE5	WYNDE6	1	WYNDE5/6/7/8	
WYNDE6	WYNDE6	1	WYNDE5/6/7/8	

  

Adjusted - insufficient data for metaanalysis																		
REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC	TYPE	LOC	START	STYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM	RR	SIG
BUFFLE	89	m	0	0	wh	-	all	NAm	1976	CC	0	0	ever cig+/-ot	both p&f	p NOS	1.20		
CPSII	134	m	0	0	all	6	all	NAm	1982	prosp	1	1	current cig only	both p&f	mainly p	0.79		
CPSII	136	f	0	0	all	6	all	NAm	1982	prosp	1	1	current cig+/-ot	both p&f	mainly p	0.71		
HIRAYA	155	c	0	0	all	16	all	As:Jap	1965	prosp	1	1	ever cig+/-ot	only f	p NOS	0.51		
HUMBLE	53	c	0	0	w-hi	-	not alv	NAm	1980	CC	5	5	current cig+/-ot	always f	always p	0.80		
HUMBLE	54	c	0	0	hi	-	not alv	NAm	1980	CC	5	5	current cig+/-ot	always f	always p	0.04		

  

Unadjusted - insufficient data for metaanalysis																		
REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC	TYPE	LOC	START	STYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM	RR	SIG
BUFFLE	89	m	0	0	wh	-	all	NAm	1976	CC	0	0	ever cig+/-ot	both p&f	p NOS	1.20		
CPSII	134	m	0	0	all	6	all	NAm	1982	prosp	1	1	current cig only	both p&f	mainly p	0.79		
CPSII	136	f	0	0	all	6	all	NAm	1982	prosp	1	1	current cig+/-ot	both p&f	mainly p	0.71		
HIRAYA	155	c	0	0	all	16	all	As:Jap	1965	prosp	1	1	ever cig+/-ot	only f	p NOS	0.51		
HUMBLE	53	c	0	0	w-hi	-	not alv	NAm	1980	CC	5	5	current cig+/-ot	always f	always p	0.80		
HUMBLE	54	c	0	0	hi	-	not alv	NAm	1980	CC	5	5	current cig+/-ot	always f	always p	0.04		

## Appendix Table D3 -

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types

This analysis is restricted to results for:

- 1) 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) CIGTYP: filter only/NOS, always, mainly, both, equally, ever
  - 4) DENOM: plain ever, mainly, always, only/NOS
  - 5) PRODUCT: cigarettes regardless of other products, cigarettes only (Note only study ALDERS has both product definitions available)
  - 6) SMKSTA: ever, current (Note only study MATOS has both ever and current available)
  - 7) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
  - 8) 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)
  - 9) Followup period (prospective studies): whole study (coded as 0) or longest available
  - 10) 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 D3 - 1

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM
AGUDO	17	f	0	0	all	-	all	Eu:wst	1989	CC	3	ever	cig only	only f	ever p
ALDERS	173	m	0	0	all	-	all	Eu:UK	1977	CC	2	current	cig+/-ot	always f	ever p
ALDERS	167	f	0	0	all	-	all	Eu:UK	1977	CC	2	current	cig only	always f	ever p
ARMADA	22	m	0	0	all	-	all	Eu:wst	1986	CC	1	ever	cig+/-ot	always f	ever p
BECHER	10	m	0	0	all	-	all	Eu:Ger	1985	CC	2	ever	cig+/-ot	always f	ever p
BROSS	14	m	0	0	wh	-	all	NAMer	1960	CC	0	current	cig+/-ot	only f	p NOS
BUFFLE	57	f	0	0	w-hi	-	all	NAMer	1976	CC	0	ever	cig+/-ot	only f	ever p
CHOI	41	m	0	0	all	-	all	As:oth	1985	CC	0	ever	cig+/-ot	only f	ever p
CHOI	45	f	0	0	all	-	all	As:oth	1985	CC	0	ever	cig+/-ot	only f	ever p
CORREA	65	c	0	0	all	-	all	NAMer	1979	CC	2	ever	cig+/-ot	only f	p NOS
CPSII	138	f	0	0	all	4	all	NAMer	1982	prosp	2	current	cig+/-ot	only f	mainly p
DEAN2	36	m	0	0	all	-	all	Eu:UK	1960	CC	0	ever	cig+/-ot	ever f	always p
DEAN2	42	f	0	0	all	-	all	Eu:UK	1960	CC	0	ever	cig+/-ot	ever f	always p
DEAN3	156	m	0	0	all	-	all	Eu:UK	1969	CC	2	current	cig only	only f	p NOS
DEAN3	162	f	0	0	all	-	all	Eu:UK	1969	CC	2	current	cig only	only f	p NOS
DESTEF	23	c	0	0	all	-	all	SCAmer	1993	CC	7	ever	cig+/-ot	always f	ever p
DESTEF	53	m	0	0	all	-	all	SCAmer	1988	CC	4	ever	cig+/-ot	always f	ever p
DOLL	47	m	0	0	all	-	all	Eu:UK	1948	CC	0	ever	cig+/-ot	ever f	always p
ENGELA	115	m	0	0	all	0	all	Eu:Sca	1964	prosp	0	current	cig+/-ot	only f	ever p
ENGELA	199	f	0	0	all	0	all	Eu:Sca	1964	prosp	5	current	cig+/-ot	only f	ever p
KAISE2	55	m	30	89	all	9	all	NAMer	1979	prosp	5	current	cig only	only f	p NOS
KAISE2	56	f	30	89	all	9	all	NAMer	1979	prosp	5	current	cig only	only f	p NOS
KHUDER	7	m	0	0	all	-	all	NAMer	1985	CC	0	ever	cig+/-ot	ever f	always p
LANGE	20	m	0	0	all	0	all	Eu:Sca	1976	prosp	2	current	cig only	only f	p NOS
LANGE	19	f	0	0	all	0	all	Eu:Sca	1976	prosp	2	current	cig only	only f	p NOS
LUBIN2	110	m	0	0	all	-	all	Eu:mul	1976	CC	3	ever	cig+/-ot	only f	ever p
LUBIN2	118	f	0	0	all	-	all	Eu:mul	1976	CC	3	ever	cig+/-ot	only f	ever p
MACLEN	85	f	0	0	ch	-	all	As:oth	1972	CC	0	current	cig+/-ot	ever f	always p
MATOS	37	m	0	0	all	-	all	SCAmer	1994	CC	4	ever	cig+/-ot	mainly f	mainly p
MIGRAN	100	m	0	0	all	0	all	Eu:UK	1964	prosp	3	current	cig only	only f	p NOS
MIGRAN	104	f	0	0	all	0	all	Eu:UK	1964	prosp	3	current	cig only	only f	p NOS
MRFITR	7	m	0	0	all	0	all	NAMer	1973	prosp	9	current	cig+/-ot	only f	p NOS
PEZZOT	24	m	0	0	all	-	all	SCAmer	1987	CC	4	ever	cig only	only f	ever p
RIMING	8	m	0	0	all	0	all	Eu:UK	1970	prosp	1	current	cig only	only f	p NOS
SEGI2	52	m	0	0	all	-	all	As:Jap	1962	CC	1	current	cig+/-ot	only f	p NOS
SOBUE	125	m	0	0	all	-	q+s+l+a	As:Jap	1986	CC	5	current	cig+/-ot	only f	p NOS
TANG2	1	m	0	0	all	0	all	Eu:UK	1967	prosp	3	current	cig only	only f	p NOS
WAKAI	64	m	0	0	all	-	all	As:Jap	1988	CC	5	current	cig+/-ot	only f	p NOS
WYNDE5	3	m	0	0	all	-	all	NAMer	1969	CC	0	current	cig+/-ot	ever f	always p
WYNDE5	6	f	0	0	all	-	all	NAMer	1969	CC	0	current	cig+/-ot	ever f	always p
WYNDE6	422	m	0	0	all	-	q+a	NAMer	1969	CC	3	current	cig+/-ot	only f	ever p
WYNDE6	425	f	0	0	all	-	q+a	NAMer	1969	CC	3	current	cig+/-ot	only f	ever p

Appendix Table D3 - 2

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
AGUDO	17	f	3	-	-	-	-	0.22	( 0.04-	1.27)
ALDERS	173	m	2	-	-	-	-	1.03	( 0.67-	1.59)
ALDERS	167	f	2	-	-	-	-	0.66	( 0.47-	0.92)
Subtotal ALDERS								0.78	( 0.60-	1.02)
ARMADA	22	m	1	-	-	-	-	0.70	( 0.45-	1.08)
BECHER	10	m	2	-	-	-	-	0.41	( 0.21-	0.81)
BROSS	14	m	0	65	76	200	138	0.59	( 0.40-	0.88)
BUFFLE	57	f	0	129	78	111	83	1.24	( 0.83-	1.84)
CHOI	41	m	0	43	103	226	362	0.67	( 0.45-	0.99)
CHOI	45	f	0	5	11	14	15	0.49	( 0.13-	1.76)
Subtotal CHOI								0.65	( 0.45-	0.95)
CORREA	65	c	2	-	-	-	-	0.55	( 0.35-	0.85)
*CPSII	138	f	2	-	-	-	-	0.66	( 0.57-	0.78)
DEAN2	36	m	0	20	17	644	529	0.97	( 0.50-	1.86)
DEAN2	42	f	0	12	2	50	26	3.12	( 0.65-	15.00)
Subtotal DEAN2								1.15	( 0.63-	2.11)
DEAN3	156	m	2	-	-	-	-	0.54	( 0.40-	0.73)
DEAN3	162	f	2	-	-	-	-	0.68	( 0.42-	1.11)
Subtotal DEAN3								0.58	( 0.45-	0.74)
DESTE2	23	c	7	-	-	-	-	0.73	( 0.51-	1.05)
DESTEF	53	m	4	-	-	-	-	0.72	( 0.54-	0.96)
DOLL	47	m	0	3	15	501	452	0.18	( 0.05-	0.63)
*ENGELA	115	m	0	7	5257	38	16104	0.56	( 0.25-	1.26)
*ENGELA	199	f	5	-	-	-	-	0.84	( 0.39-	1.83)
Subtotal ENGELA								0.69	( 0.40-	1.21)
*KAISE2	55	m	5	-	-	-	-	1.03	( 0.61-	1.75)
*KAISE2	56	f	5	-	-	-	-	0.65	( 0.32-	1.31)
Subtotal KAISE2								0.87	( 0.57-	1.33)
KHUDER	7	m	0	173	440	284	334	0.46	( 0.36-	0.59)
*LANGE	20	m	2	-	-	-	-	0.90	( 0.60-	1.40)
*LANGE	19	f	2	-	-	-	-	0.70	( 0.40-	1.40)
Subtotal LANGE								0.83	( 0.59-	1.18)
LUBIN2	110	m	3	-	-	-	-	0.48	( 0.41-	0.55)
LUBIN2	118	f	3	-	-	-	-	0.43	( 0.31-	0.61)
Subtotal LUBIN2								0.47	( 0.41-	0.54)
MACLEN	85	f	0	15	13	21	14	0.77	( 0.28-	2.10)
MATOS	37	m	4	-	-	-	-	1.25	( 0.67-	2.50)
*MIGRAN	100	m	3	-	-	-	-	1.17	( 0.79-	1.72)
*MIGRAN	104	f	3	-	-	-	-	1.01	( 0.43-	2.37)
Subtotal MIGRAN								1.14	( 0.80-	1.63)
*MRFITR	7	m	9	-	-	-	-	0.53	( 0.24-	1.17)
PEZZOT	24	m	4	-	-	-	-	0.29	( 0.20-	0.41)
*RIMING	8	m	1	-	-	-	-	0.65	( 0.44-	0.96)
SEGI2	52	m	1	-	-	-	-	0.62	( 0.45-	0.85)
SOBUE	125	m	5	-	-	-	-	0.67	( 0.38-	1.11)
*TANG2	1	m	3	-	-	-	-	0.94	( 0.75-	1.18)
WAKAI	64	m	5	-	-	-	-	1.02	( 0.31-	3.33)
WYNDE5	3	m	0	417	629	273	398	0.97	( 0.79-	1.18)
WYNDE5	6	f	0	152	200	34	30	0.67	( 0.39-	1.14)
Subtotal WYNDE5								0.92	( 0.77-	1.11)
WYNDE6	422	m	3	-	-	-	-	0.95	( 0.70-	1.28)
WYNDE6	425	f	3	-	-	-	-	0.71	( 0.51-	0.99)
Subtotal WYNDE6								0.83	( 0.67-	1.04)
Partial Totals				1041	6841	2396	18485			
*prospective study										

Appendix Table D3 - 2

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Adjusted

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
AGUDO	17	f	3	-1.51	1.29	1.58	0.0861
ALDERS	173	m	2	0.03	20.57	3.91	0.8933
ALDERS	167	f	2	-0.42	34.06	0.00	0.0153
Subtotal ALDERS				0.43	54.64	3.92	
ARMADA	22	m	1	-0.36	20.05	0.05	0.1103
BECHER	10	m	2	-0.89	8.43	1.98	0.0096
BROSS	14	m	0	-0.53	24.52	0.36	0.0090
BUFFLE	57	f	0	0.21	24.02	9.20	0.2978
CHOI	41	m	0	-0.40	24.91	0.00	0.0446
CHOI	45	f	0	-0.72	2.33	0.23	0.2720
Subtotal CHOI				-0.31	27.24	0.23	
CORREA	65	c	2	-0.60	19.52	0.71	0.0083
*CPSII	138	f	2	-0.42	156.19	0.01	0.0000
DEAN2	36	m	0	-0.03	8.91	1.24	0.9187
DEAN2	42	f	0	1.14	1.56	3.72	0.1555
Subtotal DEAN2				1.92	10.47	4.95	
DEAN3	156	m	2	-0.62	42.46	1.87	0.0001
DEAN3	162	f	2	-0.39	16.27	0.01	0.1198
Subtotal DEAN3				-0.19	58.73	1.87	
DESTE2	23	c	7	-0.31	29.47	0.25	0.0876
DESTEF	53	m	4	-0.33	46.42	0.28	0.0252
DOLL	47	m	0	-1.71	2.47	4.22	0.0071
*ENGELA	115	m	0	-0.57	5.92	0.16	0.1639
*ENGELA	199	f	5	-0.17	6.43	0.35	0.6584
Subtotal ENGELA				0.07	12.35	0.51	
*KAISE2	55	m	5	0.03	13.83	2.63	0.9125
*KAISE2	56	f	5	-0.43	7.73	0.00	0.2309
Subtotal KAISE2				0.41	21.57	2.64	
KHUDE7	7	m	0	-0.77	68.64	9.13	0.0000
*LANGE	20	m	2	-0.11	21.40	1.94	0.6259
*LANGE	19	f	2	-0.36	9.79	0.02	0.2644
Subtotal LANGE				0.35	31.19	1.97	
LUBIN2	110	m	3	-0.73	178.06	19.08	0.0000
LUBIN2	118	f	3	-0.84	33.54	6.42	0.0000
Subtotal LUBIN2				-0.76	211.60	25.50	
MACLEN	85	f	0	-0.26	3.81	0.08	0.6087
MATOS	37	m	4	0.22	8.86	3.51	0.5065
*MIGRAN	100	m	3	0.16	25.38	8.06	0.4289
*MIGRAN	104	f	3	0.01	5.27	0.92	0.9818
Subtotal MIGRAN				0.98	30.66	8.98	
*MRFITR	7	m	9	-0.63	6.12	0.32	0.1162
PEZZOT	24	m	4	-1.24	29.82	20.61	0.0000
*RIMING	8	m	1	-0.43	25.25	0.01	0.0304
SEGI2	52	m	1	-0.48	37.99	0.19	0.0032
SOBUE	125	m	5	-0.40	13.37	0.00	0.1431
*TANG2	1	m	3	-0.06	74.81	8.89	0.5925
WAKAI	64	m	5	0.02	2.73	0.50	0.9739
WYNDE5	3	m	0	-0.03	98.39	13.65	0.7354
WYNDE5	6	f	0	-0.40	13.45	0.00	0.1427
Subtotal WYNDE5				0.38	111.85	13.65	
WYNDE6	422	m	3	-0.05	42.18	5.33	0.7390
WYNDE6	425	f	3	-0.34	34.93	0.14	0.0430
Subtotal WYNDE6				0.42	77.11	5.47	

## Appendix Table D3 - 2

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
 Adjusted

RR data

	N	42
	NS	31
	Wt	1251.15
Het	Chi	131.58
Het	df	41
Het	P	***
Fixed	RR	0.67
	RRl	0.63
	RRu	0.70
	P	---
Random	RR	0.69
	RRl	0.62
	RRu	0.77
	P	---

Appendix Table D3 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
 All Lung Cancer types  
 Adjusted

RR data

	N	42			
	NS	31			
	Wt	1251.15			
Het	Chi	131.58			
Het	df	41			
Het	P	***			
Fixed	RR	0.67			
	RRl	0.63			
	RRu	0.70			
	P	---			
Random	RR	0.69			
	RRl	0.62			
	RRu	0.77			
	P	---			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	2	25	15	42
	NS	2	25	15	42
	Wt	48.98	851.50	350.67	1251.15
Het	Chi	0.94	107.91	22.58	131.58
Het	df	1	24	14	41
Het	P	N.S.	***	(*)	***
Fixed	RR	0.65	0.66	0.68	0.67
	RRl	0.49	0.62	0.61	0.63
	RRu	0.86	0.71	0.75	0.70
	P	--	---	---	---
Random	RR	0.65	0.69	0.70	0.69
	RRl	0.49	0.59	0.59	0.62
	RRu	0.86	0.81	0.82	0.77
	P	--	---	---	---
Between	Chi				0.15
Between	df				2
Between	P				N.S.

MALES

	All LC (or nearest)			
	all	other	Total	
	N	23	2	25
	NS	23	2	25
	Wt	795.95	55.56	851.50
Het	Chi	102.11	1.24	107.91
Het	df	22	1	24
Het	P	***	N.S.	***
Fixed	RR	0.65	0.87	0.66
	RRl	0.61	0.67	0.62
	RRu	0.70	1.14	0.71
	P	---	N.S.	---
Random	RR	0.68	0.86	0.69
	RRl	0.57	0.63	0.59
	RRu	0.80	1.17	0.81
	P	---	N.S.	---
Between	Chi			4.56
Between	df			1
Between	P			*



Appendix Table D3 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Adjusted

MALES

		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data									
	N	6	3	12	4			25	
	NS	6	3	12	4			25	
	Wt	253.69	85.10	433.72	78.99			851.50	
	Het Chi	28.27	21.55	50.81	0.67			107.91	
	Het df	5	2	11	3			24	
	Het P	***	***	***	N.S.			***	
Fixed	RR	0.74	0.55	0.64	0.65			0.66	
	RRl	0.66	0.45	0.58	0.52			0.62	
	RRu	0.84	0.69	0.70	0.82			0.71	
	P	---	---	---	---			---	
Random	RR	0.73	0.62	0.70	0.65			0.69	
	RRl	0.53	0.29	0.55	0.52			0.59	
	RRu	1.01	1.33	0.89	0.82			0.81	
	P	(-)	N.S.	--	---			---	
Between	Chi							6.61	
Between	df							3	
Between	P							(*)	
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N	1	7	1	2	1			12
	NS	1	7	1	2	1			12
	Wt	178.06	199.86	8.43	27.32	20.05			433.72
	Het Chi	0.00	20.34	0.00	1.01	0.00			50.81
	Het df	0	6	0	1	0			11
	Het P	N.S.	**	N.S.	N.S.	N.S.			***
Fixed	RR	0.48	0.81	0.41	0.81	0.70			0.64
	RRl	0.41	0.71	0.21	0.56	0.45			0.58
	RRu	0.56	0.93	0.81	1.18	1.08			0.70
	P	---	--	--	N.S.	N.S.			---
Random	RR	0.48	0.79	0.41	0.81	0.70			0.70
	RRl	0.41	0.59	0.21	0.56	0.45			0.55
	RRu	0.56	1.05	0.81	1.19	1.08			0.89
	P	---	(-)	--	N.S.	N.S.			--
Between	Chi								29.47
Between	df								4
Between	P								***
		Country in Asia							
		China	Japan	India	other	Total			
	N		3		1	4			
	NS		3		1	4			
	Wt		54.09		24.91	78.99			
	Het Chi		0.65		0.00	0.67			
	Het df		2		0	3			
	Het P		N.S.		N.S.	N.S.			
Fixed	RR		0.65		0.67	0.65			
	RRl		0.50		0.45	0.52			
	RRu		0.85		0.99	0.82			
	P		--		-	---			
Random	RR		0.65		0.67	0.65			
	RRl		0.50		0.45	0.52			
	RRu		0.85		0.99	0.82			
	P		--		-	---			
Between	Chi					0.02			
Between	df					1			
Between	P					N.S.			

Appendix Table D3 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Adjusted

		Start year of study						
		<1960	1960-69	1970-79	1980-89	1990+	Total	
MALES								
RR data								
	N	1	9	6	8	1	25	
	NS	1	9	6	8	1	25	
	Wt	2.47	360.56	265.24	214.36	8.86	851.50	
	Het Chi	0.00	22.22	22.22	21.83	0.00	107.91	
	Het df	0	8	5	7	0	24	
	Het P	N.S.	**	***	**	N.S.	***	
Fixed	RR	0.18	0.83	0.58	0.53	1.25	0.66	
	RRl	0.05	0.75	0.51	0.47	0.65	0.62	
	RRu	0.63	0.92	0.65	0.61	2.41	0.71	
	P	---	---	---	---	N.S.	---	
Random	RR	0.18	0.80	0.73	0.55	1.25	0.69	
	RRl	0.05	0.66	0.52	0.42	0.65	0.59	
	RRu	0.63	0.96	1.02	0.71	2.41	0.81	
	P	--	-	(-)	---	N.S.	---	
Between	Chi						41.64	
Between	df						4	
Between	P						***	
		Study type						
		CC	prosp	other	Total			
	N	18	7		25			
	NS	18	7		25			
	Wt	678.78	172.72		851.50			
	Het Chi	81.53	7.79		107.91			
	Het df	17	6		24			
	Het P	***	N.S.		***			
Fixed	RR	0.61	0.89		0.66			
	RRl	0.57	0.76		0.62			
	RRu	0.66	1.03		0.71			
	P	---	N.S.		---			
Random	RR	0.64	0.87		0.69			
	RRl	0.53	0.73		0.59			
	RRu	0.77	1.05		0.81			
	P	---	N.S.		---			
Between	Chi				18.59			
Between	df				1			
Between	P				***			
		Number of adjustment variables						
		0	1	2	3-5	6-9	10+ / +nk	Total
	N	7	3	4	10	1		25
	NS	7	3	4	10	1		25
	Wt	233.76	83.28	92.87	435.47	6.12		851.50
	Het Chi	28.49	0.19	9.64	68.59	0.00		107.91
	Het df	6	2	3	9	0		24
	Het P	***	N.S.	*	***	N.S.		***
Fixed	RR	0.69	0.65	0.68	0.65	0.53		0.66
	RRl	0.61	0.52	0.56	0.59	0.24		0.62
	RRu	0.78	0.80	0.84	0.71	1.17		0.71
	P	---	---	---	---	N.S.		---
Random	RR	0.63	0.65	0.69	0.76	0.53		0.69
	RRl	0.45	0.52	0.47	0.56	0.24		0.59
	RRu	0.88	0.80	1.02	1.02	1.17		0.81
	P	--	---	(-)	(-)	N.S.		---
Between	Chi							0.99
Between	df							4
Between	P							N.S.

Appendix Table D3 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
 All Lung Cancer types  
 Adjusted

MALES

RR data

		Smoking status					
		ever	current	Total			
	N	10	15	25			
	NS	10	15	25			
	Wt	396.57	454.94	851.50			
Het	Chi	33.97	27.20	107.91			
Het	df	9	14	24			
Het	P	***	*	***			
Fixed	RR	0.52	0.82	0.66			
	RRl	0.47	0.75	0.62			
	RRu	0.57	0.90	0.71			
	P	---	---	---			
Random	RR	0.55	0.80	0.69			
	RRl	0.44	0.70	0.59			
	RRu	0.70	0.92	0.81			
	P	---	--	---			
Between	Chi			46.74			
Between	df			1			
Between	P			***			
		Product					
		cig+/-ot	cig only	Total			
	N	18	7	25			
	NS	18	7	25			
	Wt	618.55	232.96	851.50			
Het	Chi	63.05	42.58	107.91			
Het	df	17	6	24			
Het	P	***	***	***			
Fixed	RR	0.64	0.72	0.66			
	RRl	0.59	0.63	0.62			
	RRu	0.69	0.82	0.71			
	P	---	---	---			
Random	RR	0.68	0.72	0.69			
	RRl	0.57	0.50	0.59			
	RRu	0.81	1.02	0.81			
	P	---	(-)	---			
Between	Chi			2.28			
Between	df			1			
Between	P			N.S.			
		Cigarette type					
		only f	always f	mainly f	equal p&f both p&f	ever f	Total
	N	16	4	1		4	25
	NS	16	4	1		4	25
	Wt	568.76	95.47	8.86		178.42	851.50
Het	Chi	68.18	5.28	0.00		27.47	107.91
Het	df	15	3	0		3	24
Het	P	***	N.S.	N.S.		***	***
Fixed	RR	0.63	0.74	1.25		0.71	0.66
	RRl	0.58	0.60	0.65		0.61	0.62
	RRu	0.68	0.90	2.41		0.82	0.71
	P	---	--	N.S.		---	---
Random	RR	0.68	0.72	1.25		0.62	0.69
	RRl	0.55	0.54	0.65		0.35	0.59
	RRu	0.82	0.96	2.41		1.09	0.81
	P	---	-	N.S.		(-)	---
Between	Chi						6.97
Between	df						3
Between	P						(*)

Appendix Table D3 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Adjusted

## MALES

	Denominator				Total	
	ever p	mainly p	p NOS	always p		
RR data						
	N	9	1	11	4	25
	NS	9	1	11	4	25
	Wt	376.36	8.86	287.87	178.42	851.50
	Het Chi	42.01	0.00	19.96	27.47	107.91
	Het df	8	0	10	3	24
	Het P	***	N.S.	*	***	***
Fixed	RR	0.57	1.25	0.76	0.71	0.66
	RRl	0.51	0.65	0.68	0.61	0.62
	RRu	0.63	2.41	0.85	0.82	0.71
	P	---	N.S.	---	---	---
Random	RR	0.61	1.25	0.75	0.62	0.69
	RRl	0.47	0.65	0.63	0.35	0.59
	RRu	0.80	2.41	0.89	1.09	0.81
	P	---	N.S.	--	(-)	---
Between	Chi					18.46
Between	df					3
Between	P					***

## FEMALES

	All LC (or nearest)			Total				
	all	other						
	N	14	1	15				
	NS	14	1	15				
	Wt	315.74	34.93	350.67				
	Het Chi	22.49	0.00	22.58				
	Het df	13	0	14				
	Het P	*	N.S.	(*)				
Fixed	RR	0.67	0.71	0.68				
	RRl	0.60	0.51	0.61				
	RRu	0.75	0.99	0.75				
	P	---	-	---				
Random	RR	0.70	0.71	0.70				
	RRl	0.58	0.51	0.59				
	RRu	0.84	0.99	0.82				
	P	---	-	---				
Between	Chi			0.09				
Between	df			1				
Between	P			N.S.				
		Continent						
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total
	N	5		8	2			15
	NS	5		8	2			15
	Wt	236.32		108.21	6.14			350.67
	Het Chi	8.33		12.18	0.30			22.58
	Het df	4		7	1			14
	Het P	(*)		(*)	N.S.			(*)
Fixed	RR	0.71		0.61	0.65			0.68
	RRl	0.63		0.51	0.29			0.61
	RRu	0.81		0.74	1.43			0.75
	P	---		---	N.S.			---
Random	RR	0.76		0.66	0.65			0.70
	RRl	0.60		0.49	0.29			0.59
	RRu	0.96		0.87	1.43			0.82
	P	-		--	N.S.			---
Between	Chi							1.76
Between	df							2

Appendix Table D3 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
 Adjusted

FEMALES

		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data	Between	P							
		N.S.							
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N	1	4		2	1			8
	NS	1	4		2	1			8
	Wt	33.54	57.16		16.22	1.29			108.21
	Het Chi	0.00	4.26		0.13	0.00			12.18
	Het df	0	3		1	0			7
	Het P	N.S.	N.S.		N.S.	N.S.			(*)
	Fixed RR	0.43	0.72		0.75	0.22			0.61
	RR1	0.31	0.56		0.46	0.04			0.51
	RRu	0.60	0.94		1.22	1.24			0.74
	P	---	-		N.S.	(-)			---
	Random RR	0.43	0.76		0.75	0.22			0.66
	RR1	0.31	0.53		0.46	0.04			0.49
	RRu	0.60	1.09		1.22	1.24			0.87
	P	---	N.S.		N.S.	(-)			--
	Between Chi								7.78
	Between df								3
	Between P								(*)
		Country in Asia							
		China	Japan	India	other	Total			
	N				2	2			
	NS				2	2			
	Wt				6.14	6.14			
	Het Chi				0.30	0.30			
	Het df				1	1			
	Het P				N.S.	N.S.			
	Fixed RR				0.65	0.65			
	RR1				0.29	0.29			
	RRu				1.43	1.43			
	P				N.S.	N.S.			
	Random RR				0.65	0.65			
	RR1				0.29	0.29			
	RRu				1.43	1.43			
	P				N.S.	N.S.			
	Between Chi								
	Between df								
	Between P						N.S.		

Appendix Table D3 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Adjusted

FEMALES

Start year of study  
<1960    1960-69    1970-79    1980-89    1990+    Total

RR data

	N	6	6	3	15
	NS	6	6	3	15
	Wt	77.91	112.95	159.80	350.67
	Het Chi	4.14	15.73	1.74	22.58
	Het df	5	5	2	14
	Het P	N.S.	**	N.S.	(*)
Fixed	RR	0.75	0.67	0.65	0.68
	RRl	0.60	0.56	0.56	0.61
	RRu	0.93	0.81	0.76	0.75
	P	--	---	---	---
Random	RR	0.75	0.70	0.65	0.70
	RRl	0.60	0.49	0.56	0.59
	RRu	0.93	1.00	0.76	0.82
	P	--	-	---	---
Between	Chi				0.97
Between	df				2
Between	P				N.S.

Study type  
CC    prosp    other    Total

	N	10	5	15
	NS	10	5	15
	Wt	165.25	185.42	350.67
	Het Chi	21.31	1.27	22.58
	Het df	9	4	14
	Het P	*	N.S.	(*)
Fixed	RR	0.68	0.68	0.68
	RRl	0.58	0.58	0.61
	RRu	0.79	0.78	0.75
	P	---	---	---
Random	RR	0.70	0.68	0.70
	RRl	0.53	0.58	0.59
	RRu	0.91	0.78	0.82
	P	--	---	---
Between	Chi			0.00
Between	df			1
Between	P			N.S.

Number of adjustment variables

0    1    2    3-5    6-9    10+/-nk    Total

	N	5	4	6	15
	NS	5	4	6	15
	Wt	45.17	216.31	89.19	350.67
	Het Chi	6.69	0.04	8.20	22.58
	Het df	4	3	5	14
	Het P	N.S.	N.S.	N.S.	(*)
Fixed	RR	0.97	0.66	0.59	0.68
	RRl	0.73	0.58	0.48	0.61
	RRu	1.30	0.76	0.73	0.75
	P	N.S.	---	---	---
Random	RR	0.93	0.66	0.62	0.70
	RRl	0.60	0.58	0.45	0.59
	RRu	1.46	0.76	0.84	0.82
	P	N.S.	---	--	---
Between	Chi				7.64
Between	df				2
Between	P				*

Appendix Table D3 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Adjusted

FEMALES

		Smoking status		Total				
		ever	current					
RR data	N	5	10	15				
	NS	5	10	15				
	Wt	62.73	287.94	350.67				
	Het Chi	21.14	1.43	22.58				
	Het df	4	9	14				
	Het P	***	N.S.	(*)				
Fixed	RR	0.67	0.68	0.68				
	RRl	0.52	0.60	0.61				
	RRu	0.86	0.76	0.75				
	P	---	---	---				
Random	RR	0.72	0.68	0.70				
	RRl	0.33	0.60	0.59				
	RRu	1.53	0.76	0.82				
	P	N.S.	---	---				
Between	Chi			0.01				
Between	df			1				
Between	P			N.S.				
	Product							
		cig+/-ot	cig only	Total				
	N	9	6	15				
	NS	9	6	15				
	Wt	276.25	74.42	350.67				
	Het Chi	20.06	2.51	22.58				
	Het df	8	5	14				
	Het P	*	N.S.	(*)				
Fixed	RR	0.68	0.68	0.68				
	RRl	0.60	0.54	0.61				
	RRu	0.76	0.85	0.75				
	P	---	---	---				
Random	RR	0.72	0.68	0.70				
	RRl	0.56	0.54	0.59				
	RRu	0.93	0.85	0.82				
	P	-	---	---				
Between	Chi			0.00				
Between	df			1				
Between	P			N.S.				
	Cigarette type							
		only f	always f	mainly f	equal p&f	both p&f	ever f	Total
	N	11	1			3	15	
	NS	11	1			3	15	
	Wt	297.78	34.06			18.82	350.67	
	Het Chi	18.84	0.00			3.30	22.58	
	Het df	10	0			2	14	
	Het P	*	N.S.			N.S.	(*)	
Fixed	RR	0.67	0.66			0.78	0.68	
	RRl	0.60	0.47			0.50	0.61	
	RRu	0.75	0.92			1.23	0.75	
	P	---	-			N.S.	---	
Random	RR	0.69	0.66			0.89	0.70	
	RRl	0.56	0.47			0.44	0.59	
	RRu	0.84	0.92			1.78	0.82	
	P	---	-			N.S.	---	
Between	Chi						0.43	
Between	df						2	
Between	P						N.S.	

Appendix Table D3 - 3

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
 Adjusted

FEMALES

		Denominator				
	ever	p mainly	p	NOS	always	Total
RR data						
	N	7	1	4	3	15
	NS	7	1	4	3	15
	Wt	136.59	156.19	39.07	18.82	350.67
	Het Chi	17.90	0.00	0.74	3.30	22.58
	Het df	6	0	3	2	14
	Het P	**	N.S.	N.S.	N.S.	(*)
Fixed	RR	0.67	0.66	0.72	0.78	0.68
	RRl	0.57	0.56	0.52	0.50	0.61
	RRu	0.80	0.77	0.98	1.23	0.75
	P	---	---	-	N.S.	---
Random	RR	0.67	0.66	0.72	0.89	0.70
	RRl	0.48	0.56	0.52	0.44	0.59
	RRu	0.94	0.77	0.98	1.78	0.82
	P	-	---	-	N.S.	---
Between	Chi					0.63
Between	df					3
Between	P					N.S.



Appendix Table D3 - 4

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM
AGUDO	18	f	0	0	all	-	all	Eu:wst	1989	CC	0	ever	cig only	only f	ever p
ALDERS	172	m	0	0	all	-	all	Eu:UK	1977	CC	0	current	cig+/-ot	always f	ever p
ALDERS	166	f	0	0	all	-	all	Eu:UK	1977	CC	0	current	cig only	always f	ever p
ARMADA	20	m	0	0	all	-	all	Eu:wst	1986	CC	0	ever	cig+/-ot	always f	ever p
BECHER	9	m	0	0	all	-	all	Eu:Ger	1985	CC	0	ever	cig+/-ot	always f	ever p
BROSS	14	m	0	0	wh	-	all	NAm	1960	CC	0	current	cig+/-ot	only f	p NOS
BUFFLE	57	f	0	0	w-hi	-	all	NAm	1976	CC	0	ever	cig+/-ot	only f	ever p
CHOI	41	m	0	0	all	-	all	As:oth	1985	CC	0	ever	cig+/-ot	only f	ever p
CHOI	45	f	0	0	all	-	all	As:oth	1985	CC	0	ever	cig+/-ot	only f	ever p
CORREA	65	c	0	0	all	-	all	NAm	1979	CC	2	ever	cig+/-ot	only f	p NOS
CPSII	138	f	0	0	all	4	all	NAm	1982	prosp	2	current	cig+/-ot	only f	mainly p
DEAN2	36	m	0	0	all	-	all	Eu:UK	1960	CC	0	ever	cig+/-ot	ever f	always p
DEAN2	42	f	0	0	all	-	all	Eu:UK	1960	CC	0	ever	cig+/-ot	ever f	always p
DEAN3	155	m	0	0	all	-	all	Eu:UK	1969	CC	0	current	cig only	only f	p NOS
DEAN3	161	f	0	0	all	-	all	Eu:UK	1969	CC	0	current	cig only	only f	p NOS
DESTEF	22	c	0	0	all	-	all	SCAm	1993	CC	0	ever	cig+/-ot	always f	ever p
DESTEF	52	m	0	0	all	-	all	SCAm	1988	CC	0	ever	cig+/-ot	always f	ever p
DOLL	47	m	0	0	all	-	all	Eu:UK	1948	CC	0	ever	cig+/-ot	ever f	always p
ENGELA	115	m	0	0	all	0	all	Eu:Sca	1964	prosp	0	current	cig+/-ot	only f	ever p
ENGELA	122	f	0	0	all	0	all	Eu:Sca	1964	prosp	0	current	cig+/-ot	only f	ever p
KAISE2	55	m	30	89	all	9	all	NAm	1979	prosp	5	current	cig only	only f	p NOS
KAISE2	56	f	30	89	all	9	all	NAm	1979	prosp	5	current	cig only	only f	p NOS
KHUDER	7	m	0	0	all	-	all	NAm	1985	CC	0	ever	cig+/-ot	ever f	always p
LANGE	42	m	0	0	all	0	all	Eu:Sca	1976	prosp	0	current	cig only	only f	p NOS
LANGE	41	f	0	0	all	0	all	Eu:Sca	1976	prosp	0	current	cig only	only f	p NOS
LUBIN2	122	m	0	0	all	-	all	Eu:mul	1976	CC	0	ever	cig+/-ot	only f	ever p
LUBIN2	126	f	0	0	all	-	all	Eu:mul	1976	CC	0	ever	cig+/-ot	only f	ever p
MACLEN	85	f	0	0	ch	-	all	As:oth	1972	CC	0	current	cig+/-ot	ever f	always p
MATOS	72	m	0	0	all	-	all	SCAm	1994	CC	0	ever	cig+/-ot	mainly f	mainly p
MIGRAN	99	m	0	0	all	0	all	Eu:UK	1964	prosp	0	current	cig only	only f	p NOS
MIGRAN	103	f	0	0	all	0	all	Eu:UK	1964	prosp	0	current	cig only	only f	p NOS
MRFITR	7	m	0	0	all	0	all	NAm	1973	prosp	9	current	cig+/-ot	only f	p NOS
PEZZOT	23	m	0	0	all	-	all	SCAm	1987	CC	2	ever	cig only	only f	ever p
RIMING	4	m	0	0	all	0	all	Eu:UK	1970	prosp	0	current	cig only	only f	p NOS
SEGI2	51	m	0	0	all	-	all	As:Jap	1962	CC	0	current	cig+/-ot	only f	p NOS
SOBUE	122	m	0	0	all	-	q+s+l+a	As:Jap	1986	CC	0	current	cig+/-ot	only f	p NOS
TANG2	1	m	0	0	all	0	all	Eu:UK	1967	prosp	3	current	cig only	only f	p NOS
WAKAI	63	m	0	0	all	-	all	As:Jap	1988	CC	0	current	cig+/-ot	only f	p NOS
WYNDE5	3	m	0	0	all	-	all	NAm	1969	CC	0	current	cig+/-ot	ever f	always p
WYNDE5	6	f	0	0	all	-	all	NAm	1969	CC	0	current	cig+/-ot	ever f	always p
WYNDE6	416	m	0	0	all	-	q+a	NAm	1969	CC	0	current	cig+/-ot	only f	ever p
WYNDE6	419	f	0	0	all	-	q+a	NAm	1969	CC	0	current	cig+/-ot	only f	ever p

Appendix Table D3 - 5

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
AGUDO	18	f	0	14	21	8	2	0.17	( 0.03- 0.90)
ALDERS	172	m	0	53	40	466	282	0.80	( 0.52- 1.24)
ALDERS	166	f	0	134	100	276	129	0.63	( 0.45- 0.87)
Subtotal ALDERS								0.69	( 0.53- 0.89)
ARMADA	20	m	0	57	72	260	182	0.55	( 0.37- 0.82)
BECHER	9	m	0	102	196	35	21	0.31	( 0.17- 0.56)
BROSS	14	m	0	65	76	200	138	0.59	( 0.40- 0.88)
BUFFLE	57	f	0	129	78	111	83	1.24	( 0.83- 1.84)
CHOI	41	m	0	43	103	226	362	0.67	( 0.45- 0.99)
CHOI	45	f	0	5	11	14	15	0.49	( 0.13- 1.76)
Subtotal CHOI								0.65	( 0.45- 0.95)
CORREA	65	c	2	-	-	-	-	0.55	( 0.35- 0.85)
*CPSII	138	f	2	-	-	-	-	0.66	( 0.57- 0.78)
DEAN2	36	m	0	20	17	644	529	0.97	( 0.50- 1.86)
DEAN2	42	f	0	12	2	50	26	3.12	( 0.65- 15.00)
Subtotal DEAN2								1.15	( 0.63- 2.11)
DEAN3	155	m	0	108	522	210	366	0.36	( 0.28- 0.47)
DEAN3	161	f	0	66	888	30	228	0.56	( 0.36- 0.89)
Subtotal DEAN3								0.40	( 0.32- 0.51)
DESTE2	22	c	0	158	128	142	84	0.73	( 0.51- 1.04)
DESTEF	52	m	0	178	156	292	178	0.70	( 0.52- 0.92)
DOLL	47	m	0	3	15	501	452	0.18	( 0.05- 0.63)
*ENGELA	115	m	0	7	5257	38	16104	0.56	( 0.25- 1.26)
*ENGELA	122	f	0	11	23317	13	15023	0.55	( 0.24- 1.22)
Subtotal ENGELA								0.55	( 0.31- 0.98)
*KAISE2	55	m	5	-	-	-	-	1.03	( 0.61- 1.75)
*KAISE2	56	f	5	-	-	-	-	0.65	( 0.32- 1.31)
Subtotal KAISE2								0.87	( 0.57- 1.33)
KHUDE	7	m	0	173	440	284	334	0.46	( 0.36- 0.59)
*LANGE	42	m	0	25	953	65	1642	0.66	( 0.42- 1.04)
*LANGE	41	f	0	19	2269	20	1344	0.56	( 0.30- 1.05)
Subtotal LANGE								0.63	( 0.43- 0.90)
LUBIN2	122	m	0	326	851	6300	9583	0.58	( 0.51- 0.66)
LUBIN2	126	f	0	102	184	449	383	0.47	( 0.36- 0.62)
Subtotal LUBIN2								0.56	( 0.50- 0.63)
MACLEN	85	f	0	15	13	21	14	0.77	( 0.28- 2.10)
MATOS	72	m	0	163	229	22	46	1.49	( 0.86- 2.57)
*MIGRAN	99	m	0	47	1326	57	1630	1.01	( 0.69- 1.48)
*MIGRAN	103	f	0	15	1773	8	871	0.92	( 0.39- 2.16)
Subtotal MIGRAN								1.00	( 0.71- 1.41)
*MRFITR	7	m	9	-	-	-	-	0.53	( 0.24- 1.17)
PEZZOT	23	m	2	-	-	-	-	0.23	( 0.16- 0.34)
*RIMING	4	m	0	45	3045	59	2393	0.60	( 0.41- 0.88)
SEGI2	51	m	0	105	250	135	203	0.63	( 0.46- 0.87)
SOBUE	122	m	0	560	540	49	26	0.55	( 0.34- 0.90)
*TANG2	1	m	3	-	-	-	-	0.94	( 0.75- 1.18)
WAKAI	63	m	0	174	271	5	9	1.16	( 0.38- 3.51)
WYNDE5	3	m	0	417	629	273	398	0.97	( 0.79- 1.18)
WYNDE5	6	f	0	152	200	34	30	0.67	( 0.39- 1.14)
Subtotal WYNDE5								0.92	( 0.77- 1.11)
WYNDE6	416	m	0	150	122	1292	754	0.72	( 0.56- 0.93)
WYNDE6	419	f	0	215	158	635	309	0.66	( 0.52- 0.85)
Subtotal WYNDE6								0.69	( 0.58- 0.82)
Partial Totals				3868	44252	13224	54173		
*prospective study									

Appendix Table D3 - 5

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
AGUDO	18	f	0	-1.79	1.34	2.44	0.0378
ALDERS	172	m	0	-0.22	20.18	1.00	0.3211
ALDERS	166	f	0	-0.47	34.68	0.02	0.0059
Subtotal ALDERS				0.20	54.85	1.02	
ARMADA	20	m	0	-0.59	24.53	0.53	0.0035
BECHER	9	m	0	-1.16	10.98	5.70	0.0001
BROSS	14	m	0	-0.53	24.52	0.17	0.0090
BUFFLE	57	f	0	0.21	24.02	10.34	0.2978
CHOI	41	m	0	-0.40	24.91	0.04	0.0446
CHOI	45	f	0	-0.72	2.33	0.18	0.2720
Subtotal CHOI				-0.23	27.24	0.22	
CORREA	65	c	2	-0.60	19.52	0.46	0.0083
*CPSII	138	f	2	-0.42	156.19	0.12	0.0000
DEAN2	36	m	0	-0.03	8.91	1.49	0.9187
DEAN2	42	f	0	1.14	1.56	3.90	0.1555
Subtotal DEAN2				1.99	10.47	5.39	
DEAN3	155	m	0	-1.02	53.56	17.80	0.0000
DEAN3	161	f	0	-0.57	18.52	0.30	0.0140
Subtotal DEAN3				-0.70	72.08	18.10	
DESTE2	22	c	0	-0.31	30.22	0.50	0.0839
DESTEF	52	m	0	-0.36	47.46	0.31	0.0124
DOLL	47	m	0	-1.71	2.47	3.98	0.0071
*ENGELA	115	m	0	-0.57	5.92	0.10	0.1639
*ENGELA	122	f	0	-0.61	5.96	0.16	0.1385
Subtotal ENGELA				-0.29	11.88	0.26	
*KAISE2	55	m	5	0.03	13.83	3.10	0.9125
*KAISE2	56	f	5	-0.43	7.73	0.00	0.2309
Subtotal KAISE2				0.49	21.57	3.10	
KHUDER	7	m	0	-0.77	68.64	7.37	0.0000
*LANGE	42	m	0	-0.41	18.61	0.02	0.0759
*LANGE	41	f	0	-0.57	9.86	0.17	0.0710
Subtotal LANGE				-0.10	28.47	0.19	
LUBIN2	122	m	0	-0.54	221.94	2.07	0.0000
LUBIN2	126	f	0	-0.75	49.81	4.65	0.0000
Subtotal LUBIN2				-0.40	271.75	6.71	
MACLEN	85	f	0	-0.26	3.81	0.13	0.6087
MATOS	72	m	0	0.40	12.87	9.11	0.1537
*MIGRAN	99	m	0	0.01	26.70	5.58	0.9443
*MIGRAN	103	f	0	-0.08	5.26	0.69	0.8504
Subtotal MIGRAN				0.82	31.96	6.27	
*MRFITR	7	m	9	-0.63	6.12	0.22	0.1162
PEZZOT	23	m	2	-1.47	27.04	28.48	0.0000
*RIMING	4	m	0	-0.51	26.02	0.12	0.0090
SEGI2	51	m	0	-0.46	38.67	0.01	0.0043
SOBUE	122	m	0	-0.60	16.00	0.38	0.0169
*TANG2	1	m	3	-0.06	74.81	10.90	0.5925
WAKAI	63	m	0	0.14	3.12	1.08	0.7982
WYNDE5	3	m	0	-0.03	98.39	16.50	0.7354
WYNDE5	6	f	0	-0.40	13.45	0.03	0.1427
Subtotal WYNDE5				0.45	111.85	16.52	
WYNDE6	416	m	0	-0.33	58.95	0.73	0.0108
WYNDE6	419	f	0	-0.41	63.33	0.06	0.0010
Subtotal WYNDE6				0.14	122.28	0.80	

## Appendix Table D3 - 5

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
 Unadjusted

RR data

	N	42
	NS	31
	Wt	1382.76
Het	Chi	140.93
Het	df	41
Het	P	***
Fixed	RR	0.64
	RRl	0.61
	RRu	0.68
	P	---
Random	RR	0.64
	RRl	0.57
	RRu	0.72
	P	---

Appendix Table D3 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
 All Lung Cancer types  
 Unadjusted

## RR data

	N	42			
	NS	31			
	Wt	1382.76			
Het	Chi	140.93			
Het	df	41			
Het	P	***			
Fixed	RR	0.64			
	RRl	0.61			
	RRu	0.68			
	P	---			
Random	RR	0.64			
	RRl	0.57			
	RRu	0.72			
	P	---			
	RR Description:Sex(RR)				
	combined	male	female	Total	
	N	2	25	15	42
	NS	2	25	15	42
	Wt	49.74	935.17	397.85	1382.76
Het	Chi	0.95	116.75	23.12	140.93
Het	df	1	24	14	41
Het	P	N.S.	***	(*)	***
Fixed	RR	0.65	0.64	0.65	0.64
	RRl	0.49	0.60	0.59	0.61
	RRu	0.86	0.68	0.72	0.68
	P	--	---	---	---
Random	RR	0.65	0.63	0.66	0.64
	RRl	0.49	0.54	0.56	0.57
	RRu	0.86	0.74	0.77	0.72
	P	--	---	---	---
Between	Chi				0.11
Between	df				2
Between	P				N.S.

## MALES

	All LC (or nearest)			
	all	other	Total	
	N	23	2	25
	NS	23	2	25
	Wt	860.22	74.95	935.17
Het	Chi	115.56	0.89	116.75
Het	df	22	1	24
Het	P	***	N.S.	***
Fixed	RR	0.63	0.68	0.64
	RRl	0.59	0.54	0.60
	RRu	0.68	0.85	0.68
	P	---	---	---
Random	RR	0.63	0.68	0.63
	RRl	0.53	0.54	0.54
	RRu	0.75	0.85	0.74
	P	---	---	---
Between	Chi			0.30
Between	df			1
Between	P			N.S.

Appendix Table D3 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data									
	N	6	3	12	4			25	
	NS	6	3	12	4			25	
	Wt	270.46	87.37	494.64	82.70			935.17	
	Het Chi	25.27	35.93	48.48	1.51			116.75	
	Het df	5	2	11	3			24	
	Het P	***	***	***	N.S.			***	
Fixed	RR	0.71	0.55	0.62	0.64			0.64	
	RRl	0.63	0.45	0.56	0.52			0.60	
	RRu	0.80	0.68	0.67	0.79			0.68	
	P	---	---	---	---			---	
Random	RR	0.69	0.61	0.61	0.64			0.63	
	RRl	0.51	0.24	0.49	0.52			0.54	
	RRu	0.93	1.58	0.76	0.79			0.74	
	P	-	N.S.	---	---			---	
Between	Chi							5.57	
Between	df							3	
Between	P							N.S.	
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N	1	7	1	2	1			12
	NS	1	7	1	2	1			12
	Wt	221.94	212.66	10.98	24.53	24.53			494.64
	Het Chi	0.00	40.07	0.00	0.12	0.00			48.48
	Het df	0	6	0	1	0			11
	Het P	N.S.	***	N.S.	N.S.	N.S.			***
Fixed	RR	0.58	0.68	0.31	0.64	0.55			0.62
	RRl	0.51	0.60	0.17	0.43	0.37			0.56
	RRu	0.66	0.78	0.56	0.95	0.82			0.67
	P	---	---	---	-	---			---
Random	RR	0.58	0.66	0.31	0.64	0.55			0.61
	RRl	0.51	0.45	0.17	0.43	0.37			0.49
	RRu	0.66	0.98	0.56	0.95	0.82			0.76
	P	---	-	---	-	---			---
Between	Chi								8.29
Between	df								4
Between	P								(*)
		Country in Asia							
		China	Japan	India	other	Total			
	N		3		1	4			
	NS		3		1	4			
	Wt		57.79		24.91	82.70			
	Het Chi		1.44		0.00	1.51			
	Het df		2		0	3			
	Het P		N.S.		N.S.	N.S.			
Fixed	RR		0.63		0.67	0.64			
	RRl		0.49		0.45	0.52			
	RRu		0.81		0.99	0.79			
	P		---		-	---			
Random	RR		0.63		0.67	0.64			
	RRl		0.49		0.45	0.52			
	RRu		0.81		0.99	0.79			
	P		---		-	---			
Between	Chi					0.07			
Between	df					1			
Between	P					N.S.			

Appendix Table D3 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

		Start year of study						
		<1960	1960-69	1970-79	1980-89	1990+	Total	
MALES								
RR data								
	N	1	9	6	8	1	25	
	NS	1	9	6	8	1	25	
	Wt	2.47	390.44	306.72	222.67	12.87	935.17	
	Het Chi	0.00	44.97	6.00	29.02	0.00	116.75	
	Het df	0	8	5	7	0	24	
	Het P	N.S.	***	N.S.	***	N.S.	***	
Fixed	RR	0.18	0.74	0.62	0.50	1.49	0.64	
	RRl	0.05	0.67	0.55	0.43	0.86	0.60	
	RRu	0.63	0.82	0.69	0.57	2.57	0.68	
	P	---	---	---	---	N.S.	---	
Random	RR	0.18	0.72	0.64	0.49	1.49	0.63	
	RRl	0.05	0.56	0.55	0.37	0.86	0.54	
	RRu	0.63	0.92	0.75	0.66	2.57	0.74	
	P	---	---	---	---	N.S.	---	
Between	Chi						36.76	
Between	df						4	
Between	P						***	
		Study type						
		CC	prosp	other	Total			
	N	18	7		25			
	NS	18	7		25			
	Wt	763.14	172.03		935.17			
	Het Chi	93.50	8.68		116.75			
	Het df	17	6		24			
	Het P	***	N.S.		***			
Fixed	RR	0.60	0.83		0.64			
	RRl	0.56	0.71		0.60			
	RRu	0.65	0.96		0.68			
	P	---	-		---			
Random	RR	0.59	0.80		0.63			
	RRl	0.49	0.66		0.54			
	RRu	0.71	0.98		0.74			
	P	---	-		---			
Between	Chi				14.57			
Between	df				1			
Between	P				***			
		Number of adjustment variables						
		0	1	2	3-5	6-9	10+/-nk	Total
	N	21		1	2	1		25
	NS	21		1	2	1		25
	Wt	813.35		27.04	88.65	6.12		935.17
	Het Chi	73.92		0.00	0.10	0.00		116.75
	Het df	20		0	1	0		24
	Het P	***		N.S.	N.S.	N.S.		***
Fixed	RR	0.63		0.23	0.95	0.53		0.64
	RRl	0.59		0.16	0.77	0.24		0.60
	RRu	0.68		0.34	1.17	1.17		0.68
	P	---		---	N.S.	N.S.		---
Random	RR	0.64		0.23	0.95	0.53		0.63
	RRl	0.55		0.16	0.77	0.24		0.54
	RRu	0.75		0.34	1.17	1.17		0.74
	P	---		---	N.S.	N.S.		---
Between	Chi							42.73
Between	df							3
Between	P							***

Appendix Table D3 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

MALES		Smoking status						
		ever	current	Total				
RR data								
	N	10	15	25				
	NS	10	15	25				
	Wt	449.75	485.42	935.17				
	Het Chi	49.09	49.95	116.75				
	Het df	9	14	24				
	Het P	***	***	***				
Fixed	RR	0.55	0.73	0.64				
	RRl	0.50	0.67	0.60				
	RRu	0.61	0.80	0.68				
	P	---	---	---				
Random	RR	0.54	0.70	0.63				
	RRl	0.42	0.58	0.54				
	RRu	0.71	0.84	0.74				
	P	---	---	---				
Between	Chi			17.71				
Between	df			1				
Between	P			***				
		Product						
		cig+/-ot	cig only	Total				
	N	18	7	25				
	NS	18	7	25				
	Wt	694.58	240.59	935.17				
	Het Chi	50.73	65.34	116.75				
	Het df	17	6	24				
	Het P	***	***	***				
Fixed	RR	0.65	0.61	0.64				
	RRl	0.60	0.54	0.60				
	RRu	0.70	0.69	0.68				
	P	---	---	---				
Random	RR	0.65	0.61	0.63				
	RRl	0.56	0.39	0.54				
	RRu	0.76	0.94	0.74				
	P	---	-	---				
Between	Chi			0.68				
Between	df			1				
Between	P			N.S.				
		Cigarette type						
		only f	always f	mainly f	equal p&f	both p&f	ever f	Total
	N	16	4	1			4	25
	NS	16	4	1			4	25
	Wt	640.74	103.14	12.87			178.42	935.17
	Het Chi	69.24	7.43	0.00			27.47	116.75
	Het df	15	3	0			3	24
	Het P	***	(*)	N.S.			***	***
Fixed	RR	0.61	0.62	1.49			0.71	0.64
	RRl	0.57	0.51	0.86			0.61	0.60
	RRu	0.66	0.75	2.57			0.82	0.68
	P	---	---	N.S.			---	---
Random	RR	0.62	0.59	1.49			0.62	0.63
	RRl	0.51	0.43	0.86			0.35	0.54
	RRu	0.75	0.81	2.57			1.09	0.74
	P	---	--	N.S.			(-)	---
Between	Chi							12.60
Between	df							3
Between	P							**



Appendix Table D3 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
 All Lung Cancer types  
 Unadjusted

## MALES

	Denominator				Total	
	ever p	mainly p	p NOS	always p		
RR data						
	N	9	1	11	4	25
	NS	9	1	11	4	25
	Wt	441.90	12.87	301.98	178.42	935.17
	Het Chi	34.26	0.00	38.99	27.47	116.75
	Het df	8	0	10	3	24
	Het P	***	N.S.	***	***	***
Fixed	RR	0.58	1.49	0.67	0.71	0.64
	RRl	0.53	0.86	0.59	0.61	0.60
	RRu	0.64	2.57	0.74	0.82	0.68
	P	---	N.S.	---	---	---
Random	RR	0.55	1.49	0.67	0.62	0.63
	RRl	0.43	0.86	0.53	0.35	0.54
	RRu	0.69	2.57	0.86	1.09	0.74
	P	---	N.S.	--	(-)	---
Between	Chi					16.02
Between	df					3
Between	P					**

## FEMALES

	All LC (or nearest)			Total				
	all	other						
	N	14	1	15				
	NS	14	1	15				
	Wt	334.53	63.33	397.85				
	Het Chi	23.09	0.00	23.12				
	Het df	13	0	14				
	Het P	*	N.S.	(*)				
Fixed	RR	0.65	0.66	0.65				
	RRl	0.58	0.52	0.59				
	RRu	0.72	0.85	0.72				
	P	---	--	---				
Random	RR	0.66	0.66	0.66				
	RRl	0.55	0.52	0.56				
	RRu	0.79	0.85	0.77				
	P	---	--	---				
Between	Chi			0.03				
Between	df			1				
Between	P			N.S.				
		Continent						
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total
	N	5		8	2			15
	NS	5		8	2			15
	Wt	264.72		126.99	6.14			397.85
	Het Chi	8.58		9.73	0.30			23.12
	Het df	4		7	1			14
	Het P	(*)		N.S.	N.S.			(*)
Fixed	RR	0.70		0.56	0.65			0.65
	RRl	0.62		0.47	0.29			0.59
	RRu	0.79		0.66	1.43			0.72
	P	---		---	N.S.			---
Random	RR	0.74		0.57	0.65			0.66
	RRl	0.59		0.45	0.29			0.56
	RRu	0.92		0.73	1.43			0.77
	P	--		---	N.S.			---
Between	Chi							4.50
Between	df							2

Appendix Table D3 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
 Unadjusted

FEMALES

		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data	Between	P							
		N.S.							
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N	1	4		2	1			8
	NS	1	4		2	1			8
	Wt	49.81	60.02		15.82	1.34			126.99
	Het Chi	0.00	4.88		0.00	0.00			9.73
	Het df	0	3		1	0			7
	Het P	N.S.	N.S.		N.S.	N.S.			N.S.
	Fixed RR	0.47	0.65		0.56	0.17			0.56
	RR1	0.36	0.51		0.34	0.03			0.47
	RRu	0.62	0.84		0.91	0.90			0.66
	P	---	--		-	-			---
	Random RR	0.47	0.70		0.56	0.17			0.57
	RR1	0.36	0.48		0.34	0.03			0.45
	RRu	0.62	1.02		0.91	0.90			0.73
	P	---	(-)		-	-			---
	Between Chi								4.85
	Between df								3
	Between P								N.S.
		Country in Asia							
		China	Japan	India	other	Total			
	N				2	2			
	NS				2	2			
	Wt				6.14	6.14			
	Het Chi				0.30	0.30			
	Het df				1	1			
	Het P				N.S.	N.S.			
	Fixed RR				0.65	0.65			
	RR1				0.29	0.29			
	RRu				1.43	1.43			
	P				N.S.	N.S.			
	Random RR				0.65	0.65			
	RR1				0.29	0.29			
	RRu				1.43	1.43			
	P				N.S.	N.S.			
	Between Chi								
	Between df								
	Between P						N.S.		

Appendix Table D3 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Unadjusted

FEMALES

Start year of study  
<1960    1960-69    1970-79    1980-89    1990+    Total

RR data

	N	6	6	3	15
	NS	6	6	3	15
	Wt	108.08	129.91	159.86	397.85
	Het Chi	5.01	15.29	2.72	23.12
	Het df	5	5	2	14
	Het P	N.S.	**	N.S.	(*)
Fixed	RR	0.66	0.64	0.65	0.65
	RRl	0.55	0.54	0.56	0.59
	RRu	0.80	0.76	0.76	0.72
	P	---	---	---	---
Random	RR	0.66	0.68	0.55	0.66
	RRl	0.55	0.48	0.32	0.56
	RRu	0.80	0.95	0.96	0.77
	P	---	-	-	---
Between	Chi				0.09
Between	df				2
Between	P				N.S.

Study type  
CC    prosp    other    Total

	N	10	5	15
	NS	10	5	15
	Wt	212.85	185.01	397.85
	Het Chi	22.03	1.05	23.12
	Het df	9	4	14
	Het P	**	N.S.	(*)
Fixed	RR	0.64	0.66	0.65
	RRl	0.56	0.57	0.59
	RRu	0.74	0.76	0.72
	P	---	---	---
Random	RR	0.67	0.66	0.66
	RRl	0.52	0.57	0.56
	RRu	0.86	0.76	0.77
	P	--	---	---
Between	Chi			0.04
Between	df			1
Between	P			N.S.

Number of adjustment variables

0    1    2    3-5    6-9    10+ / +nk    Total

	N	13	1	1	15
	NS	13	1	1	15
	Wt	233.93	156.19	7.73	397.85
	Het Chi	23.05	0.00	0.00	23.12
	Het df	12	0	0	14
	Het P	*	N.S.	N.S.	(*)
Fixed	RR	0.64	0.66	0.65	0.65
	RRl	0.57	0.56	0.32	0.59
	RRu	0.73	0.77	1.32	0.72
	P	---	---	N.S.	---
Random	RR	0.66	0.66	0.65	0.66
	RRl	0.54	0.56	0.32	0.56
	RRu	0.81	0.77	1.32	0.77
	P	---	---	N.S.	---
Between	Chi				0.07
Between	df				2
Between	P				N.S.

Appendix Table D3 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
 All Lung Cancer types  
 Unadjusted

FEMALES

Smoking status  
 ever current Total

RR data

	N	5	10	15
	NS	5	10	15
	Wt	79.06	318.79	397.85
Het	Chi	21.49	1.62	23.12
Het	df	4	9	14
Het	P	***	N.S.	(*)
Fixed	RR	0.65	0.65	0.65
	RRl	0.52	0.58	0.59
	RRu	0.81	0.73	0.72
	P	---	---	---
Random	RR	0.71	0.65	0.66
	RRl	0.34	0.58	0.56
	RRu	1.47	0.73	0.77
	P	N.S.	---	---
Between	Chi			0.00
Between	df			1
Between	P			N.S.

Product  
 cig+/-ot cig only Total

	N	9	6	15
	NS	9	6	15
	Wt	320.46	77.40	397.85
Het	Chi	19.30	3.38	23.12
Het	df	8	5	14
Het	P	*	N.S.	(*)
Fixed	RR	0.66	0.61	0.65
	RRl	0.59	0.49	0.59
	RRu	0.74	0.76	0.72
	P	---	---	---
Random	RR	0.69	0.61	0.66
	RRl	0.55	0.49	0.56
	RRu	0.86	0.76	0.77
	P	--	---	---
Between	Chi			0.44
Between	df			1
Between	P			N.S.

Cigarette type  
 only f always f mainly f equal p&f both p&f ever f Total

	N	11	1		3	15
	NS	11	1		3	15
	Wt	344.36	34.68		18.82	397.85
Het	Chi	19.10	0.00		3.30	23.12
Het	df	10	0		2	14
Het	P	*	N.S.		N.S.	(*)
Fixed	RR	0.65	0.63		0.78	0.65
	RRl	0.58	0.45		0.50	0.59
	RRu	0.72	0.87		1.23	0.72
	P	---	--		N.S.	---
Random	RR	0.64	0.63		0.89	0.66
	RRl	0.53	0.45		0.44	0.56
	RRu	0.78	0.87		1.78	0.77
	P	---	--		N.S.	---
Between	Chi					0.72
Between	df					2
Between	P					N.S.

Appendix Table D3 - 6

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
 All Lung Cancer types  
 Unadjusted

FEMALES

	Denominator		p NOS	always	p	Total
	ever	mainly				
RR data						
	N	7	1	4	3	15
	NS	7	1	4	3	15
	Wt	181.47	156.19	41.38	18.82	397.85
Het	Chi	17.83	0.00	1.09	3.30	23.12
Het	df	6	0	3	2	14
Het	P	**	N.S.	N.S.	N.S.	(*)
Fixed	RR	0.64	0.66	0.62	0.78	0.65
	RRl	0.55	0.56	0.45	0.50	0.59
	RRu	0.74	0.77	0.84	1.23	0.72
	P	---	---	--	N.S.	---
Random	RR	0.63	0.66	0.62	0.89	0.66
	RRl	0.47	0.56	0.45	0.44	0.56
	RRu	0.86	0.77	0.84	1.78	0.77
	P	--	---	--	N.S.	---
Between	Chi					0.90
Between	df					3
Between	P					N.S.

Appendix Table D3 - 7

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
 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	BLOT2	BOUCHA	BUELL	HIRAOK	LAURIL	MOLLO	MZILEN	VANDER								
2	BERRIN	CHEN	RESTRE	TAO	ULMER	WEIR										
3	ABELIN	ABRAHA	AKIBA	AMANDU	AMES	ANDERS	ARCHER	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND	BARBON	BENSHL	BEST
	BLOHMK	BLOT1	BLOT3	BLOT4	BOFFET	BOUCOT	BRESLO	BRETT	BROCKM	BROWN1	BROWN2	BROWN3	BYERS1	BYERS2	CARPEN	CASCO2
	CASCOR	CEDERL	CHAN	CHANG	CHATZI	CHEN2	CHEN3	CHIAZZ	CHOW	CHYOU	COMSTO	COOKSO	CPSI	DAMBER	DARBY	DAVEYS
	DEAN	DEKLER	DOCKER	DOLL2	DORANT	DORGAN	DORN	DOSEME	DROSTE	DU	DUNN	EBELIN	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	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT	HU	HU2	HUANG	HUMBLE
	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW	KAISER	KANELL	KATSOU	KAUFMA	KELLER	KIHARA
	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK	LAMTH	LAMWK	LAMWK2	LAUSSM	LEI	LEMARC
	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4	LIU5	LOMBA2	LOMBAR	LUBIN	LUO	MAGNUS	MARSH
	MARSH2	MARTIS	MASTRA	MATSUD	MCCONN	MCDUFF	MCLAUG	MILLER	MILLS	MRFIT	MURATA	NAM	NOTAN2	NOTANI	NOU	ODRISC
	ORMOS	OSANN	OSANN2	PARKIN	PASTOR	PAWLEG	PERNU	PERSH2	PERSHA	PETO	PEZZO2	PIKE	PISANI	POFFIJ	POLEDN	PRESCO
	QIAO	QIAO2	RACHTA	RADZIK	RANDIG	REN	RONCO	ROOTS	ROTHSC	SAARIK	SADOWS	SANKAR	SCHWA2	SCHWAR	SEGI	SEOW
	SHAW	SHIMIZ	SIEMIA	SIMARA	SITAS	SOBUE2	SPEIZE	SPITZ	STASZE	STAYNE	STOCKS	STOCKW	STUCKE	SUN	SUZUK2	SUZUKI
	SVENSS	TANG	TENKAN	TIZZAN	TOKARS	TOUSEY	TSUGAN	TULINI	TVERDA	VEIERO	VUTUC	WALD	WANG	WANG2	WANG3	WANG4
	WARSIN	WATSON	WICKLU	WIGLE	WILKIN	WU	WU2	WUNSCH	WUWILL	WYNDE2	WYNDE4	WYNDE7	WYNDE8	WYNDER	XIANGZ	XU
	XU2	XU3	XU4	YAMAGU	YONG	YUAN	ZHANG	ZHENG	ZHOU							
7	WYNDE3															
10	BENHAM															

## Appendix Table D3 - 8

IESLC - Meta-analysis of Cigarette Smoking, only Filter vs ever Plain (or nearest available)  
All Lung Cancer types  
Potentially overlapping studies

REF	REFGP	PRINC2	OVERLAP/LINK
LUBIN2	LUBIN2	1	Lubin-combined
LANGE	PRESCO	1	Subset of PRESCO
BROSS	BYERS1	1	GRAHAM/BROSS/BYERS1
TANG2	TANG2	2	TANG2-combined
MRFITR	MRFIT	2	Subset of MRFIT
WYNDE5	WYNDE6	1	WYNDE5/6/7/8
WYNDE6	WYNDE6	1	WYNDE5/6/7/8

## Adjusted - insufficient data for metaanalysis

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC	TYPE	LOC	START	STTYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM	RR	SIG	
BUFFLE	88	m	0	0	wh	-	all	NAmr	1976	CC	0	ever	cig+/-ot	only	f	p	NOS	0.92	
CPSII	135	m	0	0	all	6	all	NAmr	1982	prosp	1	current	cig	only	mainly	f	mainly	p	0.47
HIRAYA	155	c	0	0	all	16	all	As:Jap	1965	prosp	1	ever	cig+/-ot	only	f	p	NOS	0.51	
HUMBLE	53	c	0	0	w-hi	-	not	alv	NAmr	1980	CC	5	current	cig+/-ot	always	f	always	p	0.80
HUMBLE	54	c	0	0	hi	-	not	alv	NAmr	1980	CC	5	current	cig+/-ot	always	f	always	p	0.04

## Unadjusted - insufficient data for metaanalysis

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC	TYPE	LOC	START	STTYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM	RR	SIG	
BUFFLE	88	m	0	0	wh	-	all	NAmr	1976	CC	0	ever	cig+/-ot	only	f	p	NOS	0.92	
CPSII	135	m	0	0	all	6	all	NAmr	1982	prosp	1	current	cig	only	mainly	f	mainly	p	0.47
HIRAYA	155	c	0	0	all	16	all	As:Jap	1965	prosp	1	ever	cig+/-ot	only	f	p	NOS	0.51	
HUMBLE	53	c	0	0	w-hi	-	not	alv	NAmr	1980	CC	5	current	cig+/-ot	always	f	always	p	0.80
HUMBLE	54	c	0	0	hi	-	not	alv	NAmr	1980	CC	5	current	cig+/-ot	always	f	always	p	0.04

## Appendix Table D4 -

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
All Lung Cancer types

This analysis is restricted to results for:

- 1) 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) CIGTYP: hand-rolled any, both, mainly, only
  - 4) DENOM: manufactured only ever, only current, any, ever
  - 5) PRODUCT: cigarettes regardless of other products, cigarettes only
  - 6) SMKSTA: ever, current
  - 7) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
  - 8) 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)
  - 9) Followup period (prospective studies): whole study (coded as 0) or longest available
  - 10) 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 D4 - 1

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
All Lung Cancer types  
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STTYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM
ALDERS	119	m	0	0	all	-	all	Eu:UK	1977	CC	1	ever cig	only both	m&h	only mc
BENHAM	109	m	0	0	all	-	all	Eu:wst	1976	CC	2	current cig	only any	hr	only mc
CHAN	25	m	0	0	all	-	all	As:oth	1976	CC	0	ever cig+/-ot	both m&h	only mc	
CHAN	26	f	0	0	all	-	all	As:oth	1976	CC	0	ever cig+/-ot	both m&h	only mc	
DESTE2	21	c	0	0	all	-	all	SCAmer	1993	CC	7	ever cig+/-ot	both m&h	only mc	
DESTEF	39	m	0	0	all	-	all	SCAmer	1988	CC	6	ever cig+/-ot	both m&h	only mc	
ENGELA	132	m	0	0	all	0	all	Eu:Sca	1964	prosp	7	current cig+/-ot	both m&h	only mc	
ENGELA	204	f	0	0	all	0	all	Eu:Sca	1964	prosp	5	current cig+/-ot	both m&h	only mc	
GARDIN	13	c	0	0	all	-	all	Eu:UK	1988	CC	0	current cig	only only	hr	on mc cr
HU	21	m	0	0	all	-	all	As:Chi	1985	CC	0	ever cig+/-ot	both m&h	only mc	
HU	22	f	0	0	all	-	all	As:Chi	1985	CC	0	ever cig+/-ot	both m&h	only mc	
HU2	11	c	0	0	all	-	all	As:Chi	1977	CC	1	ever cig+/-ot	only hr	on mc cr	
JUSSAW	36	m	0	0	all	-	all	As:Ind	1964	CC	2	ever cig	only only	hr	only mc
MACLEN	76	m	0	0	ch	-	all	As:oth	1972	CC	0	ever cig+/-ot	both m&h	only mc	
MACLEN	80	f	0	0	ch	-	all	As:oth	1972	CC	0	ever cig+/-ot	both m&h	only mc	
MIGRAN	102	m	0	0	all	0	all	Eu:UK	1964	prosp	3	current cig	only only	hr	on mc cr
NOTAN2	21	m	0	0	all	-	all	As:Ind	1963	CC	2	ever cig	only only	hr	only mc
PERNU	10	m	0	0	all	-	all	Eu:Sca	1944	CC	0	ever cig	only only	hr	only mc
PERNU	6	f	0	0	all	-	all	Eu:Sca	1944	CC	0	ever cig	only only	hr	only mc
SUZUK2	11	c	0	0	all	-	all	SCAmer	1991	CC	4	ever cig	only any	hr	only mc

Appendix Table D4 - 2

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
All Lung Cancer types  
Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
ALDERS	119	m	1	-	-	-	-	1.46 (	1.10- 1.93)
BENHAM	109	m	2	-	-	-	-	1.20 (	0.90- 1.60)
CHAN	25	m	0	39	23	167	138	1.40 (	0.80- 2.46)
CHAN	26	f	0	63	38	42	12	0.47 (	0.22- 1.01)
Subtotal CHAN								0.95 (	0.61- 1.50)
DESTE2	21	c	7	-	-	-	-	2.00 (	1.28- 3.12)
DESTEF	39	m	6	-	-	-	-	1.60 (	1.20- 2.30)
*ENGELA	132	m	7	-	-	-	-	1.06 (	0.79- 1.43)
*ENGELA	204	f	5	-	-	-	-	1.56 (	0.91- 2.69)
Subtotal ENGELA								1.16 (	0.89- 1.50)
GARDIN	13	c	0	11	8	72	39	0.74 (	0.28- 2.01)
HU	21	m	0	61	43	57	51	1.27 (	0.74- 2.18)
HU	22	f	0	18	8	7	9	2.89 (	0.79- 10.53)
Subtotal HU								1.44 (	0.87- 2.37)
HU2	11	c	1	-	-	-	-	1.21 (	0.82- 1.79)
JUSSAW	36	m	2	-	-	-	-	2.24 (	1.11- 4.50)
MACLEN	76	m	0	52	31	90	88	1.64 (	0.96- 2.79)
MACLEN	80	f	0	18	28	27	29	0.69 (	0.31- 1.52)
Subtotal MACLEN								1.25 (	0.80- 1.95)
*MIGRAN	102	m	3	-	-	-	-	1.77 (	1.12- 2.79)
NOTAN2	21	m	2	-	-	-	-	1.43 (	1.05- 1.95)
PERNU	10	m	0	432	137	706	216	0.96 (	0.75- 1.23)
PERNU	6	f	0	10	63	7	24	0.54 (	0.19- 1.59)
Subtotal PERNU								0.94 (	0.74- 1.19)
SUZUK2	11	c	4	-	-	-	-	2.80 (	1.00- 7.70)
Partial Totals				704	379	1175	606		
*prospective study									

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
ALDERS	119	m	1	0.38	48.61	0.74	0.0083
BENHAM	109	m	2	0.18	46.42	0.25	0.2142
CHAN	25	m	0	0.34	12.14	0.08	0.2398
CHAN	26	f	0	-0.75	6.70	6.73	0.0532
Subtotal CHAN				-0.92	18.84	6.81	
DESTE2	21	c	7	0.69	19.36	3.71	0.0023
DESTEF	39	m	6	0.47	36.30	1.68	0.0046
*ENGELA	132	m	7	0.06	43.64	1.69	0.7003
*ENGELA	204	f	5	0.44	13.08	0.47	0.1078
Subtotal ENGELA				-0.01	56.72	2.16	
GARDIN	13	c	0	-0.29	3.91	1.18	0.5599
HU	21	m	0	0.24	13.02	0.00	0.3896
HU	22	f	0	1.06	2.30	1.50	0.1071
Subtotal HU				0.79	15.32	1.50	
HU2	11	c	1	0.19	25.21	0.10	0.3385
JUSSAW	36	m	2	0.81	7.84	2.38	0.0239
MACLEN	76	m	0	0.49	13.52	0.78	0.0689
MACLEN	80	f	0	-0.37	6.14	2.40	0.3586
Subtotal MACLEN				-0.39	19.66	3.18	
*MIGRAN	102	m	3	0.57	18.45	1.84	0.0142
NOTAN2	21	m	2	0.36	40.10	0.42	0.0235
PERNU	10	m	0	-0.04	63.86	5.41	0.7743
PERNU	6	f	0	-0.61	3.33	2.48	0.2670
Subtotal PERNU				-1.15	67.19	7.89	
SUZUK2	11	c	4	1.03	3.69	2.21	0.0480

## Appendix Table D4 - 2

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
All Lung Cancer types  
 Adjusted

RR data

	N	20
	NS	15
	Wt	427.62
Het	Chi	36.07
Het	df	19
Het	P	*
Fixed	RR	1.29
	RRl	1.17
	RRu	1.42
	P	+++
Random	RR	1.31
	RRl	1.14
	RRu	1.52
	P	+++

Appendix Table D4 - 3

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
 All Lung Cancer types  
 Adjusted

## RR data

N	20				
NS	15				
Wt	427.62				
Het Chi	36.07				
Het df	19				
Het P	*				
Fixed RR	1.29				
RR1	1.17				
RRu	1.42				
P	+++				
Random RR	1.31				
RR1	1.14				
RRu	1.52				
P	+++				
RR Description:Sex(RR)					
	combined	male	female	Total	
N	4	11	5	20	
NS	4	11	5	20	
Wt	52.17	343.90	31.55	427.62	
Het Chi	6.12	15.26	10.96	36.07	
Het df	3	10	4	19	
Het P	N.S.	N.S.	*	*	
Fixed RR	1.49	1.30	0.97	1.29	
RR1	1.14	1.17	0.68	1.17	
RRu	1.96	1.44	1.37	1.42	
P	++	+++	N.S.	+++	
Random RR	1.51	1.33	0.92	1.31	
RR1	0.97	1.16	0.49	1.14	
RRu	2.34	1.53	1.71	1.52	
P	(+)	+++	N.S.	+++	
Between Chi				3.72	
Between df				2	
Between P				N.S.	

## MALES

All LC (or nearest)				
	all	other	Total	
N	11		11	
NS	11		11	
Wt	343.90		343.90	
Het Chi	15.26		15.26	
Het df	10		10	
Het P	N.S.		N.S.	
Fixed RR	1.30		1.30	
RR1	1.17		1.17	
RRu	1.44		1.44	
P	+++		+++	
Random RR	1.33		1.33	
RR1	1.16		1.16	
RRu	1.53		1.53	
P	+++		+++	
Between Chi				
Between df				
Between P				N.S.

Appendix Table D4 - 3

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
All Lung Cancer types  
Adjusted

MALES

		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data	N		1	5	5			11	
	NS		1	5	5			11	
	Wt		36.30	220.97	86.62			343.90	
	Het Chi		0.00	8.34	1.88			15.26	
	Het df		0	4	4			10	
	Het P		N.S.	(*)	N.S.			N.S.	
Fixed	RR		1.60	1.19	1.49			1.30	
	RRl		1.16	1.04	1.21			1.17	
	RRu		2.22	1.35	1.84			1.44	
	P		++	+	+++			+++	
Random	RR		1.60	1.22	1.49			1.33	
	RRl		1.16	1.00	1.21			1.16	
	RRu		2.22	1.48	1.84			1.53	
	P		++	(+)	+++			+++	
Between	Chi							5.05	
Between	df							2	
Between	P							(*)	
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N		2		2	1			5
	NS		2		2	1			5
	Wt		67.06		107.49	46.42			220.97
	Het Chi		0.50		0.23	0.00			8.34
	Het df		1		1	0			4
	Het P		N.S.		N.S.	N.S.			(*)
Fixed	RR		1.54		1.00	1.20			1.19
	RRl		1.21		0.83	0.90			1.04
	RRu		1.96		1.21	1.60			1.35
	P		+++		N.S.	N.S.			+
Random	RR		1.54		1.00	1.20			1.22
	RRl		1.21		0.83	0.90			1.00
	RRu		1.96		1.21	1.60			1.48
	P		+++		N.S.	N.S.			(+)
Between	Chi								7.61
Between	df								2
Between	P								*
		Country in Asia							
		China	Japan	India	other	Total			
	N	1		2	2	5			
	NS	1		2	2	5			
	Wt	13.02		47.94	25.66	86.62			
	Het Chi	0.00		1.32	0.16	1.88			
	Het df	0		1	1	4			
	Het P	N.S.		N.S.	N.S.	N.S.			
Fixed	RR	1.27		1.54	1.52	1.49			
	RRl	0.74		1.16	1.03	1.21			
	RRu	2.18		2.04	2.24	1.84			
	P	N.S.		++	+	+++			
Random	RR	1.27		1.60	1.52	1.49			
	RRl	0.74		1.09	1.03	1.21			
	RRu	2.18		2.33	2.24	1.84			
	P	N.S.		+	+	+++			
Between	Chi					0.40			
Between	df					2			
Between	P					N.S.			

Appendix Table D4 - 3

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
All Lung Cancer types  
Adjusted

		Start year of study					Total	
		<1960	1960-69	1970-79	1980-89	1990+		
RR data								
	N	1	4	4	2		11	
	NS	1	4	4	2		11	
	Wt	63.86	110.02	120.69	49.32		343.90	
	Het Chi	0.00	6.04	1.45	0.51		15.26	
	Het df	0	3	3	1		10	
	Het P	N.S.	N.S.	N.S.	N.S.		N.S.	
Fixed	RR	0.96	1.36	1.37	1.51		1.30	
	RRl	0.75	1.13	1.14	1.14		1.17	
	RRu	1.23	1.64	1.63	1.99		1.44	
	P	N.S.	++	+++	++		+++	
Random	RR	0.96	1.44	1.37	1.51		1.33	
	RRl	0.75	1.08	1.14	1.14		1.16	
	RRu	1.23	1.91	1.63	1.99		1.53	
	P	N.S.	+	+++	++		+++	
Between	Chi						7.25	
Between	df						3	
Between	P						(*)	
		Study type						
		CC	prosp	other	Total			
	N	9	2		11			
	NS	9	2		11			
	Wt	281.81	62.08		343.90			
	Het Chi	11.67	3.41		15.26			
	Het df	8	1		10			
	Het P	N.S.	(*)		N.S.			
Fixed	RR	1.31	1.23		1.30			
	RRl	1.17	0.96		1.17			
	RRu	1.47	1.58		1.44			
	P	+++	(+)		+++			
Random	RR	1.34	1.33		1.33			
	RRl	1.16	0.81		1.16			
	RRu	1.56	2.19		1.53			
	P	+++	N.S.		+++			
Between	Chi				0.18			
Between	df				1			
Between	P				N.S.			
		Number of adjustment variables						
		0	1	2	3-5	6-9	10+ / +nk	Total
	N	4	1	3	1	2		11
	NS	4	1	3	1	2		11
	Wt	102.54	48.61	94.36	18.45	79.94		343.90
	Het Chi	4.20	0.00	2.78	0.00	3.36		15.26
	Het df	3	0	2	0	1		10
	Het P	N.S.	N.S.	N.S.	N.S.	(*)		N.S.
Fixed	RR	1.12	1.46	1.36	1.77	1.28		1.30
	RRl	0.92	1.10	1.11	1.12	1.03		1.17
	RRu	1.36	1.93	1.67	2.79	1.59		1.44
	P	N.S.	++	++	+	+		+++
Random	RR	1.19	1.46	1.39	1.77	1.30		1.33
	RRl	0.92	1.10	1.08	1.12	0.87		1.16
	RRu	1.54	1.93	1.79	2.79	1.94		1.53
	P	N.S.	++	+	+	N.S.		+++
Between	Chi							4.92
Between	df							4
Between	P							N.S.

Appendix Table D4 - 3

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
All Lung Cancer types  
Adjusted

MALES

		Smoking status				
		ever	current	Total		
RR data	N	8	3	11		
	NS	8	3	11		
	Wt	235.40	108.50	343.90		
	Het Chi	11.24	3.43	15.26		
	Het df	7	2	10		
	Het P	N.S.	N.S.	N.S.		
Fixed	RR	1.33	1.22	1.30		
	RRl	1.17	1.01	1.17		
	RRu	1.52	1.47	1.44		
	P	+++	+	+++		
Random	RR	1.38	1.25	1.33		
	RRl	1.16	0.97	1.16		
	RRu	1.64	1.61	1.53		
	P	+++	(+)	+++		
Between	Chi			0.59		
Between	df			1		
Between	P			N.S.		
	Product					
		cig+/-ot	cig only	Total		
	N	5	6	11		
	NS	5	6	11		
	Wt	118.62	225.27	343.90		
	Het Chi	4.14	11.03	15.26		
	Het df	4	5	10		
	Het P	N.S.	(*)	N.S.		
Fixed	RR	1.33	1.28	1.30		
	RRl	1.11	1.12	1.17		
	RRu	1.59	1.46	1.44		
	P	++	+++	+++		
Random	RR	1.33	1.35	1.33		
	RRl	1.10	1.10	1.16		
	RRu	1.60	1.65	1.53		
	P	++	++	+++		
Between	Chi			0.09		
Between	df			1		
Between	P			N.S.		
	Cigarette type					
		only hr	mainly h	both m&h	any hr	Total
	N	4		6	1	11
	NS	4		6	1	11
	Wt	130.24		167.24	46.42	343.90
	Het Chi	9.91		4.46	0.00	15.26
	Het df	3		5	0	10
	Het P	*		N.S.	N.S.	N.S.
Fixed	RR	1.25		1.36	1.20	1.30
	RRl	1.05		1.17	0.90	1.17
	RRu	1.48		1.59	1.60	1.44
	P	+		+++	N.S.	+++
Random	RR	1.42		1.36	1.20	1.33
	RRl	1.00		1.17	0.90	1.16
	RRu	2.01		1.59	1.60	1.53
	P	(+)		+++	N.S.	+++
Between	Chi					0.89
Between	df					2
Between	P					N.S.

Appendix Table D4 - 3

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
All Lung Cancer types  
 Adjusted

MALES

Denominator  
 ever mc    any mc on mc cr    only mc    Total

RR data

	N		1	10	11
	NS		1	10	11
	Wt		18.45	325.45	343.90
	Het Chi		0.00	13.37	15.26
	Het df		0	9	10
	Het P		N.S.	N.S.	N.S.
Fixed	RR		1.77	1.27	1.30
	RRl		1.12	1.14	1.17
	RRu		2.79	1.42	1.44
	P		+	+++	+++
Random	RR		1.77	1.30	1.33
	RRl		1.12	1.13	1.16
	RRu		2.79	1.50	1.53
	P		+	+++	+++
Between	Chi				1.89
Between	df				1
Between	P				N.S.



Appendix Table D4 - 4

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
 All Lung Cancer types  
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STTYP	ADJ	SMKSTA	PRODUCT	CIGTYP	DENOM
ALDERS	127	m	0	0	all	-	all	Eu:UK	1977	CC	0	ever cig	only both	m&h	only mc
BENHAM	109	m	0	0	all	-	all	Eu:wst	1976	CC	2	current cig	only any	hr	only mc
CHAN	25	m	0	0	all	-	all	As:oth	1976	CC	0	ever cig+/-ot	both m&h	only mc	
CHAN	26	f	0	0	all	-	all	As:oth	1976	CC	0	ever cig+/-ot	both m&h	only mc	
DESTE2	20	c	0	0	all	-	all	SCAmer	1993	CC	0	ever cig+/-ot	both m&h	only mc	
DESTEF	50	m	0	0	all	-	all	SCAmer	1988	CC	0	ever cig+/-ot	both m&h	only mc	
ENGELA	120	m	0	0	all	0	all	Eu:Sca	1964	prosp	0	current cig+/-ot	both m&h	only mc	
ENGELA	127	f	0	0	all	0	all	Eu:Sca	1964	prosp	0	current cig+/-ot	both m&h	only mc	
GARDIN	13	c	0	0	all	-	all	Eu:UK	1988	CC	0	current cig	only only	hr	on mc cr
HU	21	m	0	0	all	-	all	As:Chi	1985	CC	0	ever cig+/-ot	both m&h	only mc	
HU	22	f	0	0	all	-	all	As:Chi	1985	CC	0	ever cig+/-ot	both m&h	only mc	
HU2	8	c	0	0	all	-	all	As:Chi	1977	CC	0	ever cig+/-ot	only hr	on mc cr	
JUSSAW	16	m	0	0	all	-	all	As:Ind	1964	CC	0	ever cig	only only	hr	only mc
MACLEN	76	m	0	0	ch	-	all	As:oth	1972	CC	0	ever cig+/-ot	both m&h	only mc	
MACLEN	80	f	0	0	ch	-	all	As:oth	1972	CC	0	ever cig+/-ot	both m&h	only mc	
MIGRAN	101	m	0	0	all	0	all	Eu:UK	1964	prosp	0	current cig	only only	hr	on mc cr
NOTAN2	11	m	0	0	all	-	all	As:Ind	1963	CC	0	ever cig	only only	hr	only mc
PERNU	10	m	0	0	all	-	all	Eu:Sca	1944	CC	0	ever cig	only only	hr	only mc
PERNU	6	f	0	0	all	-	all	Eu:Sca	1944	CC	0	ever cig	only only	hr	only mc
SUZUK2	9	c	0	0	all	-	all	SCAmer	1991	CC	0	ever cig	only any	hr	only mc

Appendix Table D4 - 5

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
All Lung Cancer types  
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
ALDERS	127	m	0	191	113	385	349	1.53	( 1.16- 2.02)
BENHAM	109	m	2	-	-	-	-	1.20	( 0.90- 1.60)
CHAN	25	m	0	39	23	167	138	1.40	( 0.80- 2.46)
CHAN	26	f	0	63	38	42	12	0.47	( 0.22- 1.01)
Subtotal CHAN								0.95	( 0.61- 1.50)
DESTE2	20	c	0	232	133	68	79	2.03	( 1.37- 2.99)
DESTEF	50	m	0	363	221	108	113	1.72	( 1.26- 2.35)
*ENGELA	120	m	0	199	75803	45	21361	1.25	( 0.90- 1.72)
*ENGELA	127	f	0	39	37142	24	38340	1.68	( 1.01- 2.79)
Subtotal ENGELA								1.36	( 1.03- 1.78)
GARDIN	13	c	0	11	8	72	39	0.74	( 0.28- 2.01)
HU	21	m	0	61	43	57	51	1.27	( 0.74- 2.18)
HU	22	f	0	18	8	7	9	2.89	( 0.79- 10.53)
Subtotal HU								1.44	( 0.87- 2.37)
HU2	8	c	0	83	60	217	192	1.22	( 0.83- 1.80)
JUSSAW	16	m	0	451	85	126	77	3.24	( 2.25- 4.68)
MACLEN	76	m	0	52	31	90	88	1.64	( 0.96- 2.79)
MACLEN	80	f	0	18	28	27	29	0.69	( 0.31- 1.52)
Subtotal MACLEN								1.25	( 0.80- 1.95)
*MIGRAN	101	m	0	21	496	115	3165	1.17	( 0.74- 1.84)
NOTAN2	11	m	0	435	521	78	129	1.38	( 1.01- 1.88)
PERNU	10	m	0	432	137	706	216	0.96	( 0.75- 1.23)
PERNU	6	f	0	10	63	7	24	0.54	( 0.19- 1.59)
Subtotal PERNU								0.94	( 0.74- 1.19)
SUZUK2	9	c	0	30	6	82	63	3.84	( 1.51- 9.79)
Partial Totals				2748	114959	2423	64474		
*prospective study									
REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps		
ALDERS	127	m	0	0.43	51.16	0.50	0.0023		
BENHAM	109	m	2	0.18	46.42	0.98	0.2142		
CHAN	25	m	0	0.34	12.14	0.00	0.2398		
CHAN	26	f	0	-0.75	6.70	7.74	0.0532		
Subtotal CHAN				-1.07	18.84	7.74			
DESTE2	20	c	0	0.71	25.51	3.66	0.0004		
DESTEF	50	m	0	0.54	39.39	1.80	0.0007		
*ENGELA	120	m	0	0.22	36.78	0.43	0.1820		
*ENGELA	127	f	0	0.52	14.87	0.53	0.0461		
Subtotal ENGELA				0.08	51.65	0.96			
GARDIN	13	c	0	-0.29	3.91	1.52	0.5599		
HU	21	m	0	0.24	13.02	0.10	0.3896		
HU	22	f	0	1.06	2.30	1.24	0.1071		
Subtotal HU				0.65	15.32	1.35			
HU2	8	c	0	0.20	25.95	0.41	0.3032		
JUSSAW	16	m	0	1.18	28.65	20.63	0.0000		
MACLEN	76	m	0	0.49	13.52	0.38	0.0689		
MACLEN	80	f	0	-0.37	6.14	2.99	0.3586		
Subtotal MACLEN				-0.53	19.66	3.37			
*MIGRAN	101	m	0	0.15	18.52	0.57	0.5104		
NOTAN2	11	m	0	0.32	40.34	0.00	0.0404		
PERNU	10	m	0	-0.04	63.86	8.44	0.7743		
PERNU	6	f	0	-0.61	3.33	2.92	0.2670		
Subtotal PERNU				-1.30	67.19	11.36			
SUZUK2	9	c	0	1.35	4.38	4.55	0.0048		

## Appendix Table D4 - 5

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
 All Lung Cancer types  
 Unadjusted

RR data

	N	20
	NS	15
	Wt	456.90
Het	Chi	59.39
Het	df	19
Het	P	***
Fixed	RR	1.39
	RRl	1.27
	RRu	1.52
	P	+++
Random	RR	1.38
	RRl	1.16
	RRu	1.65
	P	+++

Appendix Table D4 - 6

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
 All Lung Cancer types  
 Unadjusted

## RR data

N	20			
NS	15			
Wt	456.90			
Het Chi	59.39			
Het df	19			
Het P	***			
Fixed RR	1.39			
RR1	1.27			
RRu	1.52			
P	+++			
Random RR	1.38			
RR1	1.16			
RRu	1.65			
P	+++			
RR Description:Sex(RR)				
	combined	male	female	Total
N	4	11	5	20
NS	4	11	5	20
Wt	59.77	363.79	33.34	456.90
Het Chi	8.94	33.82	12.37	59.39
Het df	3	10	4	19
Het P	*	***	*	***
Fixed RR	1.60	1.39	1.03	1.39
RR1	1.24	1.26	0.73	1.27
RRu	2.06	1.54	1.44	1.52
P	+++	+++	N.S.	+++
Random RR	1.63	1.44	0.94	1.38
RR1	0.98	1.18	0.49	1.16
RRu	2.70	1.75	1.80	1.65
P	(+)	+++	N.S.	+++
Between Chi				4.25
Between df				2
Between P				N.S.

## MALES

All LC (or nearest)				
	all	other	Total	
N	11		11	
NS	11		11	
Wt	363.79		363.79	
Het Chi	33.82		33.82	
Het df	10		10	
Het P	***		***	
Fixed RR	1.39		1.39	
RR1	1.26		1.26	
RRu	1.54		1.54	
P	+++		+++	
Random RR	1.44		1.44	
RR1	1.18		1.18	
RRu	1.75		1.75	
P	+++		+++	
Between Chi				
Between df				
Between P				N.S.

Appendix Table D4 - 6

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
 All Lung Cancer types  
 Unadjusted

MALES		Continent							
		NAmer	SCAmer	Europe	Asia	Auslia	Africa	Total	
RR data									
	N		1	5	5			11	
	NS		1	5	5			11	
	Wt		39.39	216.74	107.67			363.79	
	Het Chi		0.00	6.16	15.16			33.82	
	Het df		0	4	4			10	
	Het P		N.S.	N.S.	**			***	
Fixed	RR		1.72	1.20	1.76			1.39	
	RRl		1.26	1.05	1.45			1.26	
	RRu		2.35	1.37	2.12			1.54	
	P		+++	++	+++			+++	
Random	RR		1.72	1.20	1.70			1.44	
	RRl		1.26	1.02	1.16			1.18	
	RRu		2.35	1.42	2.51			1.75	
	P		+++	+	++			+++	
Between	Chi							12.50	
Between	df							2	
Between	P							**	
		Country in Europe							
		multi	UK	Germany	Scand	othWest	East	Balkans	Total
	N		2		2	1			5
	NS		2		2	1			5
	Wt		69.68		100.64	46.42			216.74
	Het Chi		1.02		1.53	0.00			6.16
	Het df		1		1	0			4
	Het P		N.S.		N.S.	N.S.			N.S.
Fixed	RR		1.42		1.06	1.20			1.20
	RRl		1.13		0.87	0.90			1.05
	RRu		1.80		1.29	1.60			1.37
	P		++		N.S.	N.S.			++
Random	RR		1.42		1.07	1.20			1.20
	RRl		1.12		0.84	0.90			1.02
	RRu		1.81		1.37	1.60			1.42
	P		++		N.S.	N.S.			+
Between	Chi								3.61
Between	df								2
Between	P								N.S.
		Country in Asia							
		China	Japan	India	other	Total			
	N	1		2	2	5			
	NS	1		2	2	5			
	Wt	13.02		68.99	25.66	107.67			
	Het Chi	0.00		12.21	0.16	15.16			
	Het df	0		1	1	4			
	Het P	N.S.		***	N.S.	**			
Fixed	RR	1.27		1.97	1.52	1.76			
	RRl	0.74		1.55	1.03	1.45			
	RRu	2.18		2.49	2.24	2.12			
	P	N.S.		+++	+	+++			
Random	RR	1.27		2.10	1.52	1.70			
	RRl	0.74		0.91	1.03	1.16			
	RRu	2.18		4.86	2.24	2.51			
	P	N.S.		(+)	+	++			
Between	Chi					2.79			
Between	df					2			
Between	P					N.S.			

Appendix Table D4 - 6

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
All Lung Cancer types  
Unadjusted

MALES

Start year of study  
<1960    1960-69    1970-79    1980-89    1990+    Total

RR data

N	1	4	4	2	11
NS	1	4	4	2	11
Wt	63.86	124.29	123.24	52.41	363.79
Het Chi	0.00	19.32	1.86	0.90	33.82
Het df	0	3	3	1	10
Het P	N.S.	***	N.S.	N.S.	***
Fixed RR	0.96	1.59	1.40	1.59	1.39
RRl	0.75	1.33	1.17	1.22	1.26
RRu	1.23	1.90	1.67	2.09	1.54
P	N.S.	+++	+++	+++	+++
Random RR	0.96	1.60	1.40	1.59	1.44
RRl	0.75	1.02	1.17	1.22	1.18
RRu	1.23	2.52	1.67	2.09	1.75
P	N.S.	+	+++	+++	+++
Between Chi					11.75
Between df					3
Between P					**

Study type  
CC    prosp    other    Total

N	9	2	11
NS	9	2	11
Wt	308.49	55.31	363.79
Het Chi	32.59	0.06	33.82
Het df	8	1	10
Het P	***	N.S.	***
Fixed RR	1.43	1.22	1.39
RRl	1.28	0.94	1.26
RRu	1.60	1.59	1.54
P	+++	N.S.	+++
Random RR	1.50	1.22	1.44
RRl	1.18	0.94	1.18
RRu	1.89	1.59	1.75
P	+++	N.S.	+++
Between Chi			1.18
Between df			1
Between P			N.S.

Number of adjustment variables

	0	1	2	3-5	6-9	10+ / +nk	Total
N	10		1				11
NS	10		1				11
Wt	317.38		46.42				363.79
Het Chi	32.63		0.00				33.82
Het df	9		0				10
Het P	***		N.S.				***
Fixed RR	1.42		1.20				1.39
RRl	1.28		0.90				1.26
RRu	1.59		1.60				1.54
P	+++		N.S.				+++
Random RR	1.47		1.20				1.44
RRl	1.18		0.90				1.18
RRu	1.83		1.60				1.75
P	+++		N.S.				+++
Between Chi							1.20
Between df							1
Between P							N.S.

Appendix Table D4 - 6

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
 All Lung Cancer types  
 Unadjusted

MALES

		Smoking status				
		ever	current	Total		
RR data	N	8	3	11		
	NS	8	3	11		
	Wt	262.07	101.72	363.79		
	Het Chi	30.93	0.06	33.82		
	Het df	7	2	10		
	Het P	***	N.S.	***		
Fixed	RR	1.47	1.21	1.39		
	RRl	1.30	1.00	1.26		
	RRu	1.66	1.47	1.54		
	P	+++	(+)	+++		
Random	RR	1.55	1.21	1.44		
	RRl	1.18	1.00	1.18		
	RRu	2.02	1.47	1.75		
	P	++	(+)	+++		
Between	Chi			2.83		
Between	df			1		
Between	P			(*)		
	Product					
		cig+/-ot	cig only	Total		
	N	5	6	11		
	NS	5	6	11		
	Wt	114.85	248.94	363.79		
	Het Chi	2.43	31.06	33.82		
	Het df	4	5	10		
	Het P	N.S.	***	***		
Fixed	RR	1.46	1.37	1.39		
	RRl	1.21	1.21	1.26		
	RRu	1.75	1.55	1.54		
	P	+++	+++	+++		
Random	RR	1.46	1.44	1.44		
	RRl	1.21	1.05	1.18		
	RRu	1.75	1.97	1.75		
	P	+++	+	+++		
Between	Chi			0.34		
Between	df			1		
Between	P			N.S.		
	Cigarette type					
		only hr	mainly h	both m&h	any hr	Total
	N	4		6	1	11
	NS	4		6	1	11
	Wt	151.37		166.01	46.42	363.79
	Het Chi	29.60		2.52	0.00	33.82
	Het df	3		5	0	10
	Het P	***		N.S.	N.S.	***
Fixed	RR	1.37		1.48	1.20	1.39
	RRl	1.17		1.27	0.90	1.26
	RRu	1.60		1.72	1.60	1.54
	P	+++		+++	N.S.	+++
Random	RR	1.49		1.48	1.20	1.44
	RRl	0.89		1.27	0.90	1.18
	RRu	2.51		1.72	1.60	1.75
	P	N.S.		+++	N.S.	+++
Between	Chi					1.70
Between	df					2
Between	P					N.S.

Appendix Table D4 - 6

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
All Lung Cancer types  
 Unadjusted

MALES

Denominator  
 ever mc    any mc on mc cr    only mc    Total

RR data

	N	1	10	11
	NS	1	10	11
	Wt	18.52	345.27	363.79
	Het Chi	0.00	33.20	33.82
	Het df	0	9	10
	Het P	N.S.	***	***
Fixed	RR	1.17	1.41	1.39
	RRl	0.74	1.27	1.26
	RRu	1.84	1.56	1.54
	P	N.S.	+++	+++
Random	RR	1.17	1.47	1.44
	RRl	0.74	1.19	1.18
	RRu	1.84	1.81	1.75
	P	N.S.	+++	+++
Between	Chi			0.63
Between	df			1
Between	P			N.S.



Appendix Table D4 - 7

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
 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	BLOT2	BOUCHA	BUELL	HIRAOK	LAURIL	MOLLO	MZILEN	VANDER								
2	BERRIN	CHEN	RESTRE	TAO	ULMER	WEIR										
3	ABELIN	ABRAHA	AGUDO	AKIBA	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND	BARBON
	BECHER	BENSHL	BEST	BLOHMK	BLOT1	BLOT3	BLOT4	BOFFET	BOUCOT	BRESLO	BRETT	BROCKM	BROSS	BROWN1	BROWN2	BROWN3
	BYERS1	BYERS2	CARPEN	CASCO2	CASCOR	CEDERL	CHANG	CHATZI	CHEN2	CHEN3	CHIAZZ	CHOI	CHOW	CHYOU	COMSTO	COOKSO
	CORREA	CPSI	CPSII	DAMBER	DARBY	DAVEYS	DEAN	DEAN2	DEKLER	DOCKER	DOLL	DOLL2	DORANT	DORGAN	DORN	DOSEME
	DROSTE	DU	DUNN	EBELIN	ENSTRO	ESAKI	FAN	GAO	GAO2	GARCIA	GARSHI	GENG	GER	GILLIS	GODLEY	GOLLED
	GOODMA	GRAHAM	GREGOR	GSELL	GURSEL	HAENSZ	HAMMO2	HAMMON	HANSEN	HEGMAN	HEIN	HENNEK	HINDS	HIRAY2	HIRAYA	HITOSU
	HOLE	HOROWI	HORWIT	HUANG	HUMBLE	ISHIMA	JAHN	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	KAISE2	KAISER
	KANELL	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK
	LAMTH	LAMWK	LAMWK2	LANGE	LAUSSM	LEI	LEMARC	LETOUR	LEVIN	LIAW	LICKIN	LIDDEL	LIU	LIU2	LIU3	LIU4
	LIU5	LOMBA2	LOMBAR	LUBIN	LUBIN2	LUO	MAGNUS	MARSH	MARSH2	MARTIS	MASTRA	MATOS	MATSUD	MCCONN	MCDUFF	MCLAUG
	MILLER	MILLS	MRFIT	MRFITR	MURATA	NAM	NOTANI	NOU	ODRISC	ORMOS	OSANN	OSANN2	PARKIN	PASTOR	PAWLEG	PERSH2
	PERSHA	PETO	PEZZO2	PEZZOT	PIKE	PISANI	POFFIJ	POLEDN	PRESCO	QIAO	QIAO2	RACHTA	RADZIK	RANDIG	REN	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	SUZUKI	SVENSS	TANG	TANG2	TENKAN	TIZZAN
	TOKARS	TOUSEY	TSUGAN	TULINI	TVERDA	VEIERO	VUTUC	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	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							
4	BUFFLE	DEAN3														

## Appendix Table D4 - 8

IESLC - Meta-analysis of Cigarette Smoking, Hand-rolled vs Manufactured  
All Lung Cancer types  
Potentially overlapping studies

REF	REFGP	PRINC	OVERLAP/LINK
BENHAM	LUBIN2	2	Subset of Lubin2
CHAN	CHAN	1	Chan/LamWK2

## Appendix Table D5 -

IESLC - Meta-analysis of Cigarette Smoking, Menthol vs non-menthol  
All Lung Cancer types

This analysis is restricted to results for:

- 1) 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) Cigarette type: menthol
  - 4) Denominator: non-menthol
  - 5) PRODUCT: cigarettes regardless of other products, cigarettes only
  - 6) SMKSTA: ever, current
  - 7) LCtype: all or nearest available, at least Squamous and Adeno. (q = squamous, s = small, l = large, a = adeno, mix = mixed, alv = alveolar)
  - 8) 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)
  - 9) Followup period (prospective studies): whole study (coded as 0) or longest available
  - 10) 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 D5 - 1

IESLC - Meta-analysis of Cigarette Smoking, Menthol vs non-menthol  
All Lung Cancer types  
 Adjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	SMKSTA	PRODUCT
CARPEN	18	m	0	0	w+b	-	all	NAmer	1991	CC	4	ever cig+/-ot	
CARPEN	14	f	0	0	w+b	-	all	NAmer	1991	CC	4	ever cig+/-ot	
KAISE2	81	m	30	89	all	0	all	NAmer	1979	prosp	5	current cig only	
KAISE2	82	f	30	89	all	0	all	NAmer	1979	prosp	5	current cig only	
WYNDE8	3	m	0	0	all	-	all	NAmer	1985	CC	7	current cig+/-ot	
WYNDE8	4	f	0	0	all	-	all	NAmer	1985	CC	7	current cig+/-ot	

Appendix Table D5 - 2

IESLC - Meta-analysis of Cigarette Smoking, Menthol vs non-menthol  
All Lung Cancer types  
 Adjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
CARPEN 18		m	4	-	-	-	-	1.00	( 0.68- 1.48)
CARPEN 14		f	4	-	-	-	-	0.88	( 0.50- 1.57)
Subtotal CARPEN								0.96	( 0.70- 1.32)
*KAISE2 81		m	5	-	-	-	-	1.45	( 1.03- 2.02)
*KAISE2 82		f	5	-	-	-	-	0.75	( 0.51- 1.11)
Subtotal KAISE2								1.09	( 0.85- 1.41)
WYNDE8 3		m	7	-	-	-	-	1.06	( 0.82- 1.37)
WYNDE8 4		f	7	-	-	-	-	0.78	( 0.57- 1.08)
Subtotal WYNDE8								0.94	( 0.77- 1.15)
Partial Totals				0	0	0	0		

\*prospective study

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
CARPEN 18		m	4	0.00	25.41	0.00	1.0000
CARPEN 14		f	4	-0.13	11.74	0.16	0.6614
Subtotal CARPEN				-0.11	37.14	0.16	
*KAISE2 81		m	5	0.37	33.87	4.96	0.0306
*KAISE2 82		f	5	-0.29	25.41	1.94	0.1471
Subtotal KAISE2				0.11	59.28	6.91	
WYNDE8 3		m	7	0.06	58.33	0.28	0.6563
WYNDE8 4		f	7	-0.25	37.62	2.12	0.1275
Subtotal WYNDE8				-0.17	95.95	2.40	

RR data

	N	6
	NS	3
	Wt	192.37
	Het Chi	9.47
	Het df	5
	Het P	(*)
Fixed	RR	0.99
	RRl	0.86
	RRu	1.14
	P	N.S.
Random	RR	0.98
	RRl	0.80
	RRu	1.20
	P	N.S.

## Appendix Table D5 - 3

IESLC - Meta-analysis of Cigarette Smoking, Menthol vs non-menthol  
All Lung Cancer types  
 Adjusted

RR data

	N	6		
	NS	3		
	Wt	192.37		
	Het Chi	9.47		
	Het df	5		
	Het P	(*)		
Fixed	RR	0.99		
	RRl	0.86		
	RRu	1.14		
	P	N.S.		
Random	RR	0.98		
	RRl	0.80		
	RRu	1.20		
	P	N.S.		
	RR Description:Sex(RR)			
	combined	male	female	Total
	N	3	3	6
	NS	3	3	6
	Wt	117.60	74.76	192.37
	Het Chi	2.70	0.21	9.47
	Het df	2	2	5
	Het P	N.S.	N.S.	(*)
Fixed	RR	1.15	0.78	0.99
	RRl	0.96	0.63	0.86
	RRu	1.37	0.98	1.14
	P	N.S.	-	N.S.
Random	RR	1.15	0.78	0.98
	RRl	0.93	0.63	0.80
	RRu	1.43	0.98	1.20
	P	N.S.	-	N.S.
Between	Chi			6.56
Between	df			1
Between	P			*

## Appendix Table D5 - 4

IESLC - Meta-analysis of Cigarette Smoking, Menthol vs non-menthol  
 All Lung Cancer types  
 Unadjusted

REF	NRR	SEX	AGEL	AGEH	RACE	FOL	LC TYPE	LOC	START	STYP	ADJ	SMKSTA	PRODUCT
CARPEN	20	m	0	0	w+b	-	all	NAmer	1991	CC	0	ever cig+/-ot	
CARPEN	19	f	0	0	w+b	-	all	NAmer	1991	CC	0	ever cig+/-ot	
KAISE2	83	m	30	89	all	0	all	NAmer	1979	prosp	1	current cig only	
KAISE2	84	f	30	89	all	0	all	NAmer	1979	prosp	1	current cig only	
WYNDE8	1	m	0	0	all	-	all	NAmer	1985	CC	0	current cig+/-ot	
WYNDE8	2	f	0	0	all	-	all	NAmer	1985	CC	0	current cig+/-ot	

Appendix Table D5 - 5

IESLC - Meta-analysis of Cigarette Smoking, Menthol vs non-menthol  
All Lung Cancer types  
Unadjusted

REF	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
CARPEN 20		m	0	88	159	114	190	0.92	( 0.65-	1.31)
CARPEN 19		f	0	63	64	72	65	0.89	( 0.55-	1.44)
Subtotal CARPEN								0.91	( 0.69-	1.21)
*KAISE2 83		m	1	-	-	-	-	1.40	( 1.01-	1.94)
*KAISE2 84		f	1	-	-	-	-	0.71	( 0.50-	1.00)
Subtotal KAISE2								1.02	( 0.80-	1.29)
WYNDE8 1		m	0	148	244	440	670	0.92	( 0.73-	1.17)
WYNDE8 2		f	0	110	149	346	261	0.56	( 0.41-	0.75)
Subtotal WYNDE8								0.76	( 0.63-	0.91)
Partial Totals				409	616	972	1186			

\*prospective study

REF	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
CARPEN 20		m	0	-0.08	31.56	0.16	0.6501
CARPEN 19		f	0	-0.12	16.46	0.02	0.6321
Subtotal CARPEN				0.10	48.01	0.18	
*KAISE2 83		m	1	0.34	36.06	8.60	0.0433
*KAISE2 84		f	1	-0.34	31.98	1.16	0.0528
Subtotal KAISE2				0.30	68.05	9.76	
WYNDE8 1		m	0	-0.08	68.40	0.36	0.5111
WYNDE8 2		f	0	-0.59	44.40	8.35	0.0001
Subtotal WYNDE8				-0.36	112.79	8.71	

RR data

	N	6
	NS	3
	Wt	228.85
Het	Chi	18.64
Het	df	5
Het	P	**
Fixed	RR	0.86
	RRl	0.75
	RRu	0.98
	P	-
Random	RR	0.86
	RRl	0.67
	RRu	1.12
	P	N.S.



Appendix Table D5 - 6

IESLC - Meta-analysis of Cigarette Smoking, Menthol vs non-menthol  
All Lung Cancer types  
 Unadjusted

RR data

	N	6		
	NS	3		
	Wt	228.85		
Het	Chi	18.64		
Het	df	5		
Het	P	**		
Fixed	RR	0.86		
	RRl	0.75		
	RRu	0.98		
	P	-		
Random	RR	0.86		
	RRl	0.67		
	RRu	1.12		
	P	N.S.		
	RR Description:Sex(RR)			
	combined	male	female	Total
	N	3	3	6
	NS	3	3	6
	Wt	136.02	92.83	228.85
Het	Chi	4.59	2.91	18.64
Het	df	2	2	5
Het	P	N.S.	N.S.	**
Fixed	RR	1.03	0.66	0.86
	RRl	0.87	0.54	0.75
	RRu	1.22	0.81	0.98
	P	N.S.	---	-
Random	RR	1.05	0.67	0.86
	RRl	0.81	0.52	0.67
	RRu	1.37	0.86	1.12
	P	N.S.	--	N.S.
Between	Chi			11.14
Between	df			1
Between	P			***

Appendix Table D5 - 7

IESLC - Meta-analysis of Cigarette Smoking, Menthol vs non-menthol  
 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	BLOT2	BOUCHA	BUELL	HIRAOK	LAURIL	MOLLO	MZILEN	VANDER								
2	BERRIN	CHEN	RESTRE	TAO	ULMER	WEIR										
3	ABELIN	ABRAHA	AGUDO	AKIBA	ALDERS	AMANDU	AMES	ANDERS	ARCHER	ARMADA	ARMSTR	AUSTIN	AUVINE	AXELSO	AXELSS	BAND
	BARBON	BECHER	BENHAM	BENSHL	BEST	BLOHMK	BLOT1	BLOT3	BLOT4	BOFFET	BOUCOT	BRESLO	BRET	BROCKM	BROWN1	BROWN2
	BROWN3	BUFFLE	BYERS1	BYERS2	CASCO2	CASCOR	CEDERL	CHAN	CHANG	CHATZI	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	HIRAY2	HIRAYA	HITOSU	HOLE	HOROWI	HORWIT	HU	HU2	HUANG	HUMBLE	ISHIMA	JAHN
	JAIN	JARUP	JARVHO	JEDRYC	JIANG	JOLY	JONES	JUSSAW	KAISER	KANELL	KATSOU	KAUFMA	KELLER	KHUDER	KIHARA	KINLEN
	KJUUS	KNEKT	KO	KOHLME	KOO	KOULUM	KREUZE	KREYBE	KUBIK	LAMTH	LAMWK	LAMWK2	LANGE	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	MRFIT	MRFITR	MURATA
	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	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	TENKAN	TIZZAN	TOKARS	TOUSEY
	TSUGAN	TULINI	TVERDA	VEIERO	VUTUC	WAKAI	WALD	WANG	WANG2	WANG3	WANG4	WARSIN	WATSON	WICKLU	WIGLE	WILKIN
	WU	WU2	WUNSCH	WUWILL	WYNDE2	WYNDE3	WYNDE4	WYNDE5	WYNDE6	WYNDE7	WYNDER	XIANGZ	XU	XU2	XU3	XU4
4	YAMAGU	YONG	YUAN	ZHANG	ZHENG	ZHOU										
	BROSS															

## Appendix Table D5 - 8

IESLC - Meta-analysis of Cigarette Smoking, Menthol vs non-menthol  
All Lung Cancer types  
Potentially overlapping studies

REF	REFGP	PRINC	OVERLAP/LINK
WYNDE8	WYNDE6	2	WYNDE5/6/7/8