

## APPENDIX F

### Detailed structure of the relative risk database

Card name - short name - position	Field Name	Short Name	Number	Type
RR Description - RRDEF - 1				
	Number of RR within study	NRR	8	Measured+v ( 1 to 420 )
	Sex(RR)	RSEX	9	Graded>0 ( system 22 )
	Lowest age in RR	RAGELO	10	Measured ( 0 to 99 )
	Highest age in RR	RAGEHI	11	Measured ( 0 to 99 )
	Race(RR)	RRACE	12	Graded>0 ( system 15 )
	Lung Cancer Type	LCTYPE	13	Graded>0 ( system 16 )
	Smoking Status	SMKSTA	14	Graded>0 ( system 17 )
	Smoking Product	PROD	15	Graded>0 ( system 18 )
	Cigarette type{CIGT}	CIGTYP	16	Graded>0 ( system 19 )
	Lowest number of cigarettes	NCIGLO	17	Real ( 0.0 to 99.0 )
	Highest number of cigarettes	NCIGHI	18	Real ( 0.0 to 99.0 )
	Denominator	DENOM	19	Graded>0 ( system 20 )
	Lowest followup period	FOLPLO	20	Measured ( 0 to 50 )
	Highest followup period	FOLPHI	21	Measured ( 0 to 50 )
RR Adjustment- RRADJ - 2				
	Adjusted for Sex	ADSEX	26	Presence ( system 6 )
	Adjusted for Age	ADAGE	27	Presence ( system 6 )
	Adjusted for Race	ADRACE	28	Presence ( system 6 )
	Adjusted for other confounders	ADOTHR	42	Graded ( system 23 )
RR data - RRDATA - 3				
	Cases, exposed	CA1	33	Measured ( 0 to 32765 )
	Cases, unexposed	CA0	34	Measured ( 0 to 32765 )
	Controls, exposed	CO1	35	Measured ( 0 to 9999999 )
	Controls, unexposed	CO0	36	Measured ( 0 to 9999999 )
	Relative risk	RR	37	Real ( 0.00 to 999.00 )
	RR lower 95% CL	RRL	38	Real ( 0.00 to 999.00 )
	RR upper 95% CL	RRU	39	Real ( 0.00 to 9999.00 )
	Derived RR	DERIVE	41	Graded ( system 21 )

The grading systems used are as follows

System	Grading Level (character equivalent)
6	1 (x) present
15	1 (1) all (in country) 2 (2) white 3 (3) black 4 (4) white exc hispanic 5 (5) hispanic white 6 (6) chinese 7 (7) japanese 8 (8) white and black 9 (9) hawaiian/part hawaiian 10 (t) nonwhite 11 (b) white,jap, chin, filip, hawaii 12 (c) scandinavian 13 (d) white including hispanic 14 (e) black and hispanic 15 (f) japanese, chinese, hawaiian 16 (g) white, japanese or hawaiian 17 (h) asian
16	1 (1) all 2 (2) squamous 3 (3) large 4 (4) small/oat 5 (5) adeno 6 (6) bronchioloalveolar 7 (7) unconfirmed 8 (8) other (conf but not 2,3,4,5) 9 (9) Kreyberg I (2,3,4) 10 (t) Kreyberg II (not 2,3,4) 11 (a) all except alveolar 12 (b) other (not 2,3,4,5) or unconf 13 (c) squamous or small (2,4)

System	Grading Level (character equivalent)
16 (continued)	14 (d) adeno or large (3,5) 15 (e) mixed(both) squamous and adeno 16 (g) squa,sma,large,adeno (2,3,4,5) 17 (h) large,adeno,other (3,5,8) 18 (i) other (conf not 2,4,5) + uncon 19 (j) not adeno inc unconf 20 (k) not adeno 21 (l) not small or squamous 22 (m) undifferentiated 23 (n) other (conf not 2,5) + unconf 24 (o) not squamous or adeno 25 (p) not squam, small or adeno 26 (q) KI + KII exc mixed/unspec 27 (r) not sqm, small, adeno + mixed 28 (s) adeno, alveolar + bronchiolar 29 (?) large + poorly differentiated 30 (u) non small cell 31 (v) Squamous + undifferentiated 32 (w) not squamous, undiff (conf) 33 (x) not squ, small, adeno or undif 34 (y) Squamous, small, adeno 35 (z) Squamous, adeno
17	1 (1) ever 2 (2) current 3 (3) ex
18	1 (1) all/unspecified 2 (2) cigarettes (+/- others) 3 (3) pipe a/o cigars (not cigs) 4 (4) cigarettes only 5 (5) cigarettes + other(s) 6 (6) pipe a/o cigars (+/- cigs) 7 (7) pipe only 8 (8) cigars only 9 (9) pipe + cigars (not cigs)
19	1 (1) all/unspecified 2 (2) MC (+/- HR) 3 (3) MC only 4 (4) HR only 5 (5) HR and MC 6 (6) filter only 7 (7) plain only 8 (8) mainly filter 9 (9) mainly plain 10 (t) always filter 11 (a) always plain 12 (b) menthol 13 (c) ever filter 14 (d) ever plain 15 (e) HR (+/- MC) 16 (f) equal plain+filter 17 (g) plain and filter 18 (h) mainly HR 19 (i) mainly MC
20	1 (1) never smoker 2 (2) non smoker 3 (3) plain cigarettes 4 (4) always plain 5 (5) 6 (6) current man cigs only 7 (7) never cigarettes 8 (8) non smoker cigarettes 9 (9) only ever man cigs 10 (a) 11 (b) 12 (c) mainly plain 13 (d) ever plain 14 (e) 15 (f) 16 (g) ever man cigs

System	Grading Level (character equivalent)
20 (continued)	17 (h)
	18 (i) non-menthol cigs
	19 (j) never+recent start
	20 (k) never cigs+long term ex
	21 (l) man cigs (+/- HR)
	22 (m) never+low
	23 (n) never+long term ex
	24 (o) never+low+long term ex
	25 (p)
	26 (q) ever low
	27 (r) current low
	28 (s)
	29 (t) never+amount unkn
	30 (u) ex low
21	1 (1) original
	2 (2) RR/CI from numbers
	3 (3) CI converted to 95%
	4 (4) inverted from diff denom
	5 (5) RR/CI recalc from numbers
	6 (6) combined smoking levels/RLCI
	7 (7) combined disease levels/RLCI
	8 (8) combined smoking levels/sum
	9 (9) combined disease levels/sum
	10 (t) other
	11 (b) non-significant
	12 (c) significant
	13 (d) estimated from figure
	14 (e) RR/CI calc using 0.5 for 0
	15 (f) RR orig CI est from numbers
	16 (g) comb smk levs/RLCI (CIestnums)
	17 (h) RR inverted (CIestnums)
	18 (i) RR ratio rates (CIestnums)
	19 (j) other (CIestnums)
	20 (k) RR ratio rates
	21 (l) other combined/RLCI
	22 (m) other combined/sum
	23 (n) adj cases&controls, or SMR/O&E
	24 (o) comb (adj ca&co, SMR/O&E)
	25 (p) estimated from symmetry
	26 (q) combined/RLCI (from symmetry)
	27 (r) adj from orig RRs/mini-meta
	28 (s) Comb/sum (cases & adj rate)
	29 (u) other (CIestnums & 0.5 for 0)
22	1 (c) combined
	2 (m) male
	3 (f) female
23	1 (1) 1
	2 (2) 2
	3 (3) 3
	4 (4) 4
	5 (5) 5
	6 (6) 6
	7 12 (c) 12
	8 (8) 8
	9 (9) 9
	10 (a) 10
	11 (b) 11
	12 (c) 12
	13 (d) 13
	14 (e) 14
	15 (f) 15
	16 (g) 16
	17 (h) 17
	18 (i) 18
	19 (j) 19
	20 (k) +ive but unknown