

Dose-response relationship of lung cancer to amount smoked, duration and age starting

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Additional file 3 - Blocks

This file consists of three tables giving details of the blocks used for amount smoked (Table A3/1), duration of smoking (Table A3/2) and age of starting to smoke (Table A2/3). The tables are based on, respectively, 97, 35 and 27 blocks. For each block the following information is shown:

Block: Study The blocks in each table are numbered successively, starting from 1, with the 6 character reference code used to identify the study also shown.

Sex: The sex to which the block relates; m = males, f = females or c = sexes combined. In Table A3/1 this column is headed **Sex: race** and information is also given on the race to which the block applies.

Age: The age to which the block applies (only relevant to Tables A3/2 and A3/3).

Study type: Coded as: Prosp = prospective study or C-C = case-control study.

Location: Continent coded as:

Asia, Auslia (Australasia), Europe, Namer (North America), or SCAmer (South and Central America).

Product: Product smoked coded as:

Any product = smokes cigarettes and/or pipes and/or cigars, or

Cigarettes +/- = smokes cigarettes with or without other products (pipes, cigars).

Unexposed: Denominator of relative risk coded as:

Never any = never any product or Never cigs = Never cigarettes

Adjusted: The number indicates the number of risk factors other than age, sex or race that were adjusted for. The other risk factors are given in the table footnotes.

Current smoker RR: The current smoker relative risk ignoring dose.

Cases in smokers: The pseudo-number of lung cancer cases in smokers estimated by the method of Hamling *et al*^[4]

Table A3/1 Amount smoked by current smokers - details of the 97 blocks used

Block: study	Sex/ race ^a	Study type ^b	Location ^c	Product ^d	Unexposed ^e	Adjusted ^f	Current smoker RR	Cases in smokers ^g
1:AKIBA	m	Prosp	Asia	Cigarettes +/-	Never cigs	Age +4	3.5000	556.6753
2:AKIBA	f	Prosp	Asia	Cigarettes +/-	Never cigs	Age +4	3.6000	66.9044
3:ARCHER	m	Prosp	NAmer	Cigarettes +/-	Never cigs	None	3.5309	121.9999
4:AXELSS	f	C-C	Europe	Any product	Never any	Age	43.3000	57.1622
5:BENSHL	m	Prosp	Europe	Cigarettes +/-	Never any	Age	4.0000	131.0629
6:BEST	m	Prosp	NAmer	Cigarettes only	Never any	Age	10.0000	537.9519
7:BOUCOT	m	Prosp	NAmer	Cigarettes only	Never any	Age, race	54.0900	92.5836
8:BRETT	m	Prosp	Europe	Cigarettes +/-	Never cigs	None	2.5473	135.0000
9:BROSS	m	C-C	NAmer	Cigarettes +/-	Never any	None	4.9066	593.0819
10:BUFFLE	f	C-C	NAmer	Cigarettes +/-	Never cigs	None	5.6000	176.0732
11:CEDERL	m	Prosp	Europe	Any product	Never any	Age +1	3.4000	105.9418
12:CEDERL	f	Prosp	Europe	Any product	Never any	Age +1	2.8300	44.6739
13:CHANG	m	Prosp	NAmer	Cigarettes +/-	Never cigs	None	5.0200	35.0000
14:CHANG	f	Prosp	NAmer	Cigarettes +/-	Never cigs	None	3.0306	30.0004
15:CHOW	m	Prosp	NAmer	Cigarettes +/-	Never any	Age +1	13.8800	236.7482
16:COMSTO	m	C-C	NAmer	Cigarettes +/-	Never any	None	12.4200	104.1267
17:COMSTO	f	C-C	NAmer	Cigarettes +/-	Never any	None	7.4494	76.6864
18:CORREA	c	C-C	NAmer	Cigarettes +/-	Never cigs	Sex	9.3000	1226.1161
19:CPSI	m	Prosp	NAmer	Cigarettes +/-	Never any	Age	4.5100	1749.2599
20:CPSII	m	Prosp	NAmer	Cigarettes only	Never any	Age	12.2200	1166.7285
21:CPSII	f	Prosp	NAmer	Cigarettes +/-	Never cigs	Age	3.8900	598.4659
22:DARBY	m	C-C	Europe	Cigarettes +/-	Never any	None	73.4700	321.9847
23:DARBY	f	C-C	Europe	Cigarettes +/-	Never any	None	15.7000	194.9788
24:DEAN3	m	C-C	Europe	Cigarettes only	Never any	Age +2	5.4600	475.3054
25:DEAN3	f	C-C	Europe	Cigarettes only	Never any	Age +2	3.1600	112.1863
26:DEKLER	m	Prosp	Auslia	Cigarettes +/-	Never any	2	19.4000	101.7915
27:DOLL2	m	Prosp	Europe	Any product	Never any	Age	5.2000	683.9464
28:DOLL2	f	Prosp	Europe	Cigarettes only	Never any	Age	1.2900	40.2230
29:DORANT	c	C-C	Europe	Cigarettes +/-	Never any	None	8.5156	291.9856
30:DORGAN	m/w	C-C	NAmer	Cigarettes +/-	Never any	None	9.1309	441.2310
31:DORGAN	m/b	C-C	NAmer	Cigarettes +/-	Never any	None	26.6667	50.4055
32:DORGAN	f/w	C-C	NAmer	Cigarettes +/-	Never any	None	6.5511	594.5506
33:DORGAN	f/b	C-C	NAmer	Cigarettes +/-	Never any	None	7.4286	40.6447
34:DORN	m	Prosp	NAmer	Cigarettes +/-	Never any	Age	4.0200	5819.8444
35:ENGELA	m	Prosp	Europe	Cigarettes +/-	Never cigs	Age +3	1.4000	68.3799
36:ENGELA	f	Prosp	Europe	Cigarettes +/-	Never cigs	Age +1	12.0000	33.0508
37:ENSTRO	m	Prosp	NAmer	Cigarettes only	Never any	Age	4.7400	1953.2450
38:ENSTRO	f	Prosp	NAmer	Cigarettes only	Never any	Age	2.1500	819.2743
39:GAO2	m	C-C	Asia	Cigarettes +/-	Never cigs	None	3.3621	184.5484
40:GILLIS	m	C-C	Europe	Cigarettes +/-	Never any	Age +2	4.5000	477.5626
41:HAENSZ	f	C-C	NAmer	Cigarettes +/-	Never any	None	1.7658	64.7790
42:HAMMO2	m	Prosp	NAmer	Cigarettes +/-	Never any	Age	9.1500	248.4988
43:HAMMON	m	Prosp	NAmer	Cigarettes only	Never any	Age	7.4400	230.1681
44:HIRAYA	m	Prosp	Asia	Cigarettes +/-	Never any	Age	2.0600	563.2727
45:HIRAYA	f	Prosp	Asia	Cigarettes +/-	Never any	Age	2.2500	101.5423
46:HITOSU	m	C-C	Asia	Any product	Never any	Age	2.0800	122.3139
47:HITOSU	f	C-C	Asia	Any product	Never any	Age	3.1100	24.5135
48:HOLE	m	Prosp	Europe	Cigarettes +/-	Never any	Age	5.4700	185.5371
49:HUMBLE	m/x	C-C	NAmer	Cigarettes +/-	Never cigs	Age	9.2000	135.7044
50:HUMBLE	m/h	C-C	NAmer	Cigarettes +/-	Never cigs	Age	11.6000	51.2689
51:HUMBLE	f/x	C-C	NAmer	Cigarettes +/-	Never cigs	Age	19.2000	67.0263
52:HUMBLE	f/h	C-C	NAmer	Cigarettes +/-	Never cigs	Age	18.5000	21.6183
53:KAISE2	m	Prosp	NAmer	Cigarettes only	Never any	Age	4.4700	63.9812
54:KAISE2	f	Prosp	NAmer	Cigarettes only	Never any	Age	7.6100	67.3785
55:KAISER	m	Prosp	NAmer	Cigarettes +/-	Never cigs	Age +1	6.5800	800.4550
56:KAISER	f	Prosp	NAmer	Cigarettes +/-	Never cigs	Age +1	3.4200	178.2060
57:KANELL	m	C-C	Europe	Cigarettes +/-	Never any	Age	1.7100	668.9964
58:KATSOU	f	C-C	Europe	Any product	Never any	Age	2.2600	44.3792

59:KAUFMA	c	C-C	NAmer	Cigarettes +/-	Never cigs	Sex, age, race +3	8.0000	544.4164
60:KINLEN	m	Prosp	Europe	Cigarettes +/-	Never any	Age +1	10.6100	709.0203
61:KNEKT	m	Prosp	Europe	Cigarettes +/-	Never any	Age	5.0000	115.1984
62:KOO	f	C-C	Asia	Any product	Never any	None	1.3581	42.0000
63:LIAW	c	Prosp	Asia	Any product	Never any	Sex,age	3.1000	50.3931
64:LIDDEL	m	Prosp	NAmer	Cigarettes +/-	Never cigs	Age	3.3300	214.2905
65:MACLEN	m	C-C	Asia	Cigarettes +/-	Never cigs	None	1.3636	136.9935
66:MACLEN	f	C-C	Asia	Cigarettes +/-	Never cigs	None	0.7596	41.2344
67:MATOS	m	C-C	SCAmer	Cigarettes +/-	Never any	Age +1	1.6000	106.2814
68:MIGRAN	m	Prosp	Europe	Cigarettes only	Never any	Age +1	4.0100	108.7759
69:MIGRAN	f	Prosp	Europe	Cigarettes only	Never any	Age +1	4.8800	21.4551
70:MRFITR	m	Prosp	NAmer	Cigarettes +/-	Never cigs	None	10.8552	107.5104
71:NAM	m	C-C	NAmer	Cigarettes +/-	Never cigs	Age	6.7000	220.0027
72:NAM	f	C-C	NAmer	Cigarettes +/-	Never cigs	Age	9.0600	116.4535
73:PARKIN	m	C-C	Africa	Any product	Never any	Age +5	3.9000	296.5667
74:PERSH2	c	C-C	Europe	Any product	Never any	Sex,age+2	5.7600	772.9916
75:PETO	m	Prosp	Europe	Any product	Never any	None	5.4953	99.0000
76:PEZ02	m	C-C	SCAmer	Cigarettes +/-	Never cigs	None	7.9964	233.0074
77:PEZZOT	m	C-C	SCAmer	Cigarettes only	Never cigs	None	7.4043	145.0040
78:PRESCO	m	Prosp	Europe	Any product	Never any	Age	10.2000	255.5234
79:PRESCO	f	Prosp	Europe	Any product	Never any	Age	6.3600	106.1931
80:SEG12	m	C-C	Asia	Cigarettes +/-	Never any	Age	2.1000	271.8475
81:SEG12	f	C-C	Asia	Cigarettes +/-	Never any	Age	2.9000	24.9036
82:SHAW	c	C-C	NAmer	Any product	Never any	None	6.3096	211.9880
83:SOBUE	m	C-C	Asia	Cigarettes +/-	Never cigs	None	3.5249	689.8363
84:SPEIZE	f	Prosp	NAmer	Cigarettes +/-	Never cigs	Age	2.7000	592.1639
85:STOCKW	c	C-C	NAmer	Cigarettes +/-	Never any	None	6.6737	12469.9468
86:SVENSS	f	C-C	Europe	Any product	Never any	Age	4.6000	116.8230
87:TENKAN	m	Prosp	Europe	Any product	Never any	Age	15.8600	385.9029
88:TSUGAN	m	C-C	Asia	Any product	Never any	None	0.9006	63.0003
89:TULINI	m	Prosp	Europe	Cigarettes +/-	Never any	Age +2	6.0200	166.7270
90:TULINI	f	Prosp	Europe	Cigarettes +/-	Never any	Age +2	8.1700	760.3557
91:TVERDA	m	Prosp	Europe	Cigarettes only	Never cigs	Age +1	2.1400	164.2359
92:TVERDA	f	Prosp	Europe	Cigarettes only	Never cigs	Age +1	4.5300	24.1802
93:WAKAI	m	C-C	Asia	Cigarettes +/-	Never any	Age +1	1.8000	168.4714
94:WU	f	C-C	NAmer	Any product	Never any	Age +1	3.2500	103.4130
95:WYNDE6	m	C-C	NAmer	Cigarettes +/-	Never any	None	6.8013	1677.0000
96:WYNDE6	f	C-C	NAmer	Cigarettes +/-	Never cigs	None	3.7537	1022.0150
97:YAMAGU	c	C-C	Asia	Any product	Never any	1	3.7500	53.6933

^a m = male, f = female, c = sexes combined

Study DORGAN provides results by sex and race (w = white, b = black)

Study HUMBLE provides results by sex and race (x = white excluding Hispanic, h = Hispanic)

^b Prosp = prospective, C-C = case-control (including nested case-control)

^c Auslia = Australasia, NAmer = North America, SCAmer = South and Central America

^d Any product = smokes cigarettes and/or pipes and/or cigars

Cigarettes +/- = smokes cigarettes with or without other products (pipes, cigars)

^e Denominator of relative risk: Never any = never any product, Never cigs = Never cigarettes

^f The number indicates the number of risk factors other than age, sex or race that were adjusted for:

AKIBA: city, survey group, birth cohort, radiation

CEDERL urban/rural

CHOW: occupation

DEAN3: social class, district

DEKLER: silicosis, bronchitis

ENGELA: occupation, urban/rural, pipe smoking (block 35); urban/rural (block 36)

GILLIS: hospital, date of interview

KAUFMA: education, region, date of interview

KAISER: iron use

KINLEN: non-alcoholic drinks

MATOS: hospital

MIGRAN: sample (population/sibling)

PARKIN: education, occupation, alcohol, region, time period

PERSH2: occupation, urban/rural

TULINI: body mass index, creatinine

TVERDA: region

WAKAI: residence

WU: date of birth

g YAMAGU: occupation
Estimated pseudo-numbers by method of Hamling *et al*^[4]

Table A3/2 Duration of smoking by current smokers - details of the 35 blocks used

Block: study	Sex ^a	Age	Study type ^b	Location ^c	Product ^d	Unexposed ^e	Adjusted ^f	Current smoker RR	Cases in smokers ^g
1:AMANDU	m	15+	Prosp	NAmer	Cigarettes +/-	Never cigs	Age +1	5.9200	80.0089
2:BEST	m	15+	Prosp	NAmer	Cigarettes only	Never any	Age	1.6000	121.6678
3:BOUCOT	m	45+	Prosp	NAmer	Cigarettes only	Never any	Age, race	42.4003	0.9627
4:BUFFLE	f	30-79	C-C	NAmer	Cigarettes +/-	Never cigs	None	14.0000	167.5316
5:CEDERL	m	40-69	Prosp	Europe	Cigarettes only	Never any	Age	1.8000	24.5555
6:CEDERL	f	40-69	Prosp	Europe	Cigarettes only	Never any	Age	1.6000	6.6191
7:CPSI	m	40-44	Prosp	NAmer	Cigarettes only	Never cigs	None	3.8272	3.7744
8:CPSI	m	45-54	Prosp	NAmer	Cigarettes only	Never cigs	None	5.5814	390.0000
9:CPSI	m	55-64	Prosp	NAmer	Cigarettes only	Never cigs	None	3.1090	633.8873
10:CPSI	m	65-74	Prosp	NAmer	Cigarettes only	Never cigs	None	5.4612	1210.0000
11:CPSI	m	75-84	Prosp	NAmer	Cigarettes only	Never cigs	None	2.1710	339.0000
12:CPSI	f	40-44	Prosp	NAmer	Cigarettes only	Never cigs	None	6.1604	4.6053
13:CPSI	f	45-54	Prosp	NAmer	Cigarettes only	Never cigs	None	2.8959	162.0000
14:CPSI	f	55-64	Prosp	NAmer	Cigarettes only	Never cigs	None	1.5085	249.0000
15:CPSI	f	65-74	Prosp	NAmer	Cigarettes only	Never cigs	None	2.2989	145.0000
16:CPSI	f	75+	Prosp	NAmer	Cigarettes only	Never cigs	None	0.3775	28.0000
17:CPSII	m	30-44	Prosp	NAmer	Cigarettes only	Never any	None	3.6928	5.0000
18:CPSII	m	45-54	Prosp	NAmer	Cigarettes only	Never any	None	7.7178	162.0000
19:CPSII	m	55-64	Prosp	NAmer	Cigarettes only	Never any	None	15.5057	641.0000
20:CPSII	m	65-74	Prosp	NAmer	Cigarettes only	Never any	None	9.9682	743.0000
21:CPSII	m	75+	Prosp	NAmer	Cigarettes only	Never any	None	7.5430	230.0000
22:CPSII	f	30-44	Prosp	NAmer	Cigarettes +/-	Never cigs	None	10.9816	5.0000
23:CPSII	f	45-54	Prosp	NAmer	Cigarettes +/-	Never cigs	None	8.9551	136.0000
24:CPSII	f	55-64	Prosp	NAmer	Cigarettes +/-	Never cigs	None	6.4994	390.0000
25:CPSII	f	65-74	Prosp	NAmer	Cigarettes +/-	Never cigs	None	6.6394	374.0000
26:CPSII	f	75+	Prosp	NAmer	Cigarettes +/-	Never cigs	None	3.3551	109.0000
27:DEAN2	m	35+	C-C	Europe	Any product	Never any	None	3.2054	645.5021
28:DEAN2	f	35+	C-C	Europe	Any product	Never any	None	0.9821	88.3728
29:HUMBLE	c	25-84	C-C	NAmer	Cigarettes +/-	Never cigs	Sex, age, race	15.4500	563.0571
30:KAISE2	m	30+	Prosp	NAmer	Cigarettes only	Never any	Age	4.8600	75.4179
31:KAISE2	f	30+	Prosp	NAmer	Cigarettes only	Never any	Age	9.0900	54.5804
32:KATSOU	f	Any	C-C	Europe	Any product	Never any	Age	1.2900	169.5033
33:LIAW	c	40+	Prosp	Asia	Any product	Never any	Sex, age	0.9000	33.0919
34:MATOS	m	Any	C-C	SCAmer	Cigarettes +/-	Never any	Age +1	5.2000	23.4029
35:PEZZO2	m	Any	C-C	SCAmer	Cigarettes +/-	Never cigs	None	16.2500	162.4647

^a m = male, f = female, c = sexes combined

^b Prosp = prospective, C-C = case-control (including nested case-control)

^c NAmer = North America, SC Amer = South or Central America

^d Any product = smokes cigarettes and/or pipes and/or cigars

Cigarettes +/- = smokes cigarettes with or without other products (pipes, cigars)

^e Denominator of relative risk: Never any = never any product, Never cigs = Never cigarettes

^f The number indicates the number of risk factors other than age, sex or race that were adjusted for:

AMANDU: silicosis

MATOS: hospital

^g Estimated pseudo-numbers by method of Hamling *et al*^[4]

Table A3/3 Age of starting to smoke by current smokers - details of the 27 blocks used

Block: study	Sex ^a	Age	Study type ^b	Location ^c	Product ^d	Unexposed ^e	Adjusted ^f	Current smoker RR	Cases in smokers ^g
1:CEDERL	m	18-69	Prosp	Europe	Cigarettes only	Never any	Age	6.5000	30.3875
2:CEDERL	f	18-69	Prosp	Europe	Cigarettes only	Never any	None	1.9896	8.0000
3:CPSI	m	35-54	Prosp	NAmer	Cigarettes +/-	Never any	Age	3.4300	476.2579
4:CPSI	m	55-69	Prosp	NAmer	Cigarettes +/-	Never any	Age	5.2100	905.8011
5:CPSI	m	70-84	Prosp	NAmer	Cigarettes +/-	Never any	Age	1.7100	130.1435
6:CPSI	f	40-54	Prosp	NAmer	Cigarettes only	Never any	Age	1.5000	83.3795
7:CPSI	f	55-74	Prosp	NAmer	Cigarettes only	Never any	Age	2.6200	361.5367
8:DEAN3	m	35+	C-C	Europe	Cigarettes only	Never any	None	6.8000	280.0000
9:DEAN3	f	35+	C-C	Europe	Cigarettes only	Never any	None	3.6965	91.0000
10:DORN	m	55-64	Prosp	NAmer	Cigarettes +/-	Never any	None	5.1806	526.0000
11:DORN	m	65-74	Prosp	NAmer	Cigarettes +/-	Never any	None	4.9526	532.0000
12:ENGELA	m	32-72	Prosp	Europe	Cigarettes +/-	Never cigs	None	3.7871	240.0000
13:ENGELA	f	32-72	Prosp	Europe	Cigarettes +/-	Never cigs	None	2.7292	64.0000
14:GAO2	m	Any	C-C	Asia	Cigarettes +/-	Never cigs	None	2.1538	181.0000
15:HIRAYA	m	40+	Prosp	Asia	Cigarettes +/-	Never any	Age	4.3500	1672.8674
16:HIRAYA	f	40+	Prosp	Asia	Cigarettes +/-	Never any	Age	2.4600	85.5382
17:LIAW	c	40+	Prosp	Asia	All	Never any	Sex, age	1.5000	45.4752
18:MATOS	m	Any	C-C	SCAmer	Cigarettes +/-	Never any	Age + 1	5.3000	107.3596
19:MIGRAN	m	35-69	Prosp	Europe	Cigarettes only	Never any	None	7.7874	133.0000
20:MIGRAN	f	35-69	Prosp	Europe	Cigarettes only	Never any	None	7.9760	22.0000
21:MRFITR	m	35-57	Prosp	Namer	Cigarettes +/-	Never cigs	None	23.9054	17.6223
22:SEGI2	m	<55	C-C	Asia	Cigarettes +/-	Never any	None	1.8333	92.0000
23:SEGI2	m	55-64	C-C	Asia	Cigarettes +/-	Never any	None	3.5593	111.0000
24:SEGI2	m	65+	C-C	Asia	Cigarettes +/-	Never any	None	1.5179	62.0000
25:SVENSS	f	Any	C-C	Europe	All	Never any	None	5.6140	142.0000
26:WAKAI	m	40-89	C-C	Asia	Cigarettes +/-	Never any	None	2.0800	180.0000
27:WU	f	<76	C-C	Namer	All	Never any	Age + 1	1.5500	90.6884

^a m = male, f = female, c = sexes combined

^b Prosp = prospective, C-C = case-control (including nested case-control)

^c NAmer = North America, SC Amer = South or Central America

^d Any product = smokes cigarettes and/or pipes and/or cigars

Cigarettes +/- = smokes cigarettes with or without other products (pipes, cigars)

^e Denominator of relative risk: Never any = never any product, Never cigs = Never cigarettes

^f The number indicates the number of risk factors other than age, sex or race that were adjusted for:

MATOS: hospital

WU: residence

^g Estimated pseudo-numbers by method of Hamling *et al*^[4]