Appendix 18

Fuller details of the analyses relating lung cancer risk to whether or not the husband smoked – adjusted for confounding

APPENDIX 18

ETS and Lung Cancer - Meta-Analysis of exposed/unexposed Risks, 13-SEP-06

Female (Husband's smoking)

BASIC DATA USED IN META-ANALYSES

CORRECTED FOR ALL CONFOUNDERS (FRUIT, VEG, FAT, EDUCATION)

Confounder Differences based on Random-effects Regression

Study title	Country	RR	RRL	RRU	CA1	CA0	CO1	CO0	Expos
Akiba	Japan	1.3968	0.8660	2.5701	70.8567	22.1279	185.9701	81.1206	1.0000
Boffetta 2	7 countries	0.9258	0.4629	1.7590	24.7709	26.3647	53.4627	52.6801	1.0000
Boffetta	7 countries	1.0294	0.8161	1.2890	301.1645	174.0608	591.2301	351.7413	1.0000
Brownson 1	USA	1.6368	0.3800	6.7227	3.7163	12.9813	6.1480	35.1516	1.0000
Brownson 2	USA	0.9258	0.7406	1.1110	252.8222	259.3830	710.6758	675.0201	1.0000
Buffler	USA	0.7396	0.3143	1.7565	31.1557	8.2177	157.5105	30.7264	1.0000
Butler	USA	1.8846	0.4478	7.9861	2.7079	5.8475	11312.3600	46036.4488	1.0000
Cardenas	USA	1.1493	0.7662	1.5324	82.5822	52.1353	106341.2320	77156.1926	1.0000
Chan	China	0.6911	0.3962	1.1979	32.0984	51.3674	65.5857	72.5338	1.0000
Choi	Korea	1.5212	0.8586	2.6784	46.7077	26.5177	85.9209	74.2033	1.0000
Correa	USA	1.9393	0.7589	4.9186	13.4489	8.1852	59.9862	70.8026	1.0000
De Waard	Netherlands	2.4134	0.7888	7.3716	18.1476	4.0628	119.7458	64.6975	1.0000
Du	China	1.0105	0.5933	1.7151	45.1313	29.0003	152.2174	98.8421	1.0000
Enstrom	USA	0.8792	0.6173	1.2440	99.5425	45.1721	15160.4539	6048.9107	1.0000
Fontham	USA	1.2153	0.9798	1.5073	359.9457	188.3055	645.1047	410.1370	1.0000
Gao	China	1.2117	0.8084	1.8026	166.8486	49.3888	242.6102	87.0217	1.0000
Garfinkel 1	USA	1.0860	0.7889	1.4944	84.9916	67.5230	94578.9905	81599.3044	1.0000
Garfinkel 2	USA	1.1424	0.7523	1.7369	85.8170	43.7718	245.6449	143.1391	1.0000
Geng	China	2.0250	1.0125	4.0218	32.6684	20.4620	40.3391	51.1644	1.0000
Gorlova	USA	1.1196	0.6133	2.0445	64.7692	29.4836	65.8549	33.5632	1.0000
Hirayama	Japan	1.3488	0.9488	1.9348	159.8031	37.2477	68617.6299	21572.2705	1.0000
Hole	Scotland	1.7647	0.2054	15.0515	4.7160	1.0091	1235.6573	466.5959	1.0000
Humble 1	USA	2.0630	0.7127	6.1514	13.2570	5.0132	83.1473	64.8643	1.0000
IARC: Kreuzer	Germany	0.7381	0.4613	1.1993	50.4570	47.3752	132.1228	91.5577	1.0000
Inoue	Japan	2.1094	0.7219	8.2970	16.2893	4.3758	28.1813	15.9691	1.0000
Janerich	USA	0.6912	0.4332	1.1060	72.2144	70.4551	85.2073	57.4626	1.0000
Jee	Korea	1.6139	0.8726	2.9839	65.2105	12.0377	121200.2980	36109.0000	1.0000
Johnson	Canada	1.1291	0.5834	2.1641	37.0982	13.1905	384.6107	154.4047	1.0000
Kabat 1	USA	0.7286	0.2306	2.2595	12.3347	11.2864	14.7632	9.8420	1.0000
Kabat 2	USA	1.0011	0.5562	1.7983	37.7377	26.2409	97.3980	67.8019	1.0000
Kalandidi	Greece	1.9962	1.0312	3.8600	57.1286	18.8052	59.0603	38.8085	1.0000
Koo	China	1.5307	0.8120	2.8841	37.6725	26.1030	48.9518	51.9201	1.0000
Lagarde	Sweden	1.0670	0.7794	1.4660	81.3850	124.4428	285.3189	465.5203	1.0000
Lam T	China	1.5401	1.0827	2.1934	111.7389	87.3425	152.0643	183.0575	1.0000
Lam W	China	1.8821	1.0206	3.4833	35.8879	23.8383	63.7075	79.6455	1.0000
Layard	USA	0.5322	0.2753	1.0369	13.5920	25.7510	969.5946	977.6443	1.0000
Lee	England	0.9259	0.3426	2.5093	17.3225	8.7320	36.6331	17.0985	1.0000
Lee C-H	Taiwan	1.7488	1.2064	2.5343	139.8913	60.7066	189.3708	143.7132	1.0000
Liu Q	China	1.6067	0.7193	3.6150	25.3277	13.6345	37.9371	32.8119	1.0000
Liu Z	China	0.7120	0.2774	1.8124	33.9915	7.0534	133.7822	19.7653	1.0000
Malats	7 Europe+Brazil	1.3973	0.7173	2.7108	34.8823	46.9569	23.5375	44.2744	1.0000
McGhee	China	1.2843	0.8748	1.8985	77.7329	78.6866	131.0764	170.4041	1.0000
Nishino	Japan	1.7389	0.6473	4.4439	9.2118	7.5150	21302.8309	30220.2361	1.0000
Ohno	Japan	0.9260	0.6204	1.3798	133.1635	54.1497	234.3878	88.2622	1.0000
Pershagen	Sweden	1.1143	0.6500	1.9500	34.7721	28.7573	138.8688	127.9726	1.0000
Rapiti	India	1.1140	0.4642	2.6922	12.2688	24.1237	18.6400	40.8307	1.0000
Rylander	Sweden	1.2731	0.5297	3.0666	7.7248	24.2485	41.6857	166.5886	1.0000
Schwartz	USA	1.0199	0.6676	1.5577	120.3786	68.4961	114.3430	66.3598	1.0000
Seow	Singapore	1.2009	0.8609	1.6753	87.7030	88.1211	299.7002	361.6383	1.0000
Shen	China	0.6930	0.2864	1.6448	53.6542	14.4339	57.3915	10.6996	1.0000
Shimizu	Japan	1.0011	0.5933	1.6871	49.4599	39.0905	89.5322	70.8413	1.0000
Sobue	Japan	1.0482	0.7236	1.5121	75.5276	61.2897	375.2953	319.2404	1.0000
Speize	USA	1.3927	0.2785	5.8492	27.2133	1.7651	199267.7580	17999.9996	1.0000
Stockwell	USA	1.4924	0.7462	2.7982	46.2689	20.2940	59.0479	38.6510	1.0000
Sun	China	1.0765	0.7424	1.5684	139.5002	89.5604	135.4456	93.6097	1.0000
Svensson	Sweden	1.2650	0.4930	3.2462	17.3624	7.2243	82.4503	43.3979	1.0000
Trichopoulos	Greece	1.9489	1.1244	3.3638	51.1635	24.6689	114.2425	107.3527	1.0000
Vineis	Western Europe	1.0087	0.5283	1.9405	21.7512	15.5646	29706.5512	21441.0921	1.0000
Wang L	China	1.0025	0.5840	1.6546	123.0301	25.4928	250.2653	51.9849	1.0000

ALL STUDIES

WEIGHT ON (1/se*se), Variance set at 1

APPENDIX 18

ETS and Lung Cancer - Meta-Analysis of exposed/unexposed Risks, 13-SEP-06

Female (Husband's smoking)

BASIC DATA USED IN META-ANALYSES

CORRECTED FOR ALL CONFOUNDERS (FRUIT, VEG, FAT, EDUCATION)

Confounder Differences based on Random-effects Regression

Study title	Country	RR	RRL	RRU	CA1	CA0	CO1	CO0	Expos
Wang S	China	2.3758	1.1832	4.7892	64.7972	15.4553	58.7229	33.2772	1.0000
Wang T	China	1.0294	0.6213	1.7063	89.6597	45.0194	88.7887	45.8906	1.0000
Wu	USA	1.1142	0.4643	3.0641	17.2537	10.3231	32.5009	21.6670	1.0000
Wu-Williams	China	0.6443	0.5523	0.8284	282.2160	358.6011	508.6545	416.4532	1.0000
Zaridze	Russia	1.4263	0.9882	2.0602	95.3557	79.9776	151.2212	180.9048	1.0000
Zatloukal	Czech Republic	0.4416	0.1932	1.0028	6.5113	69.8279	140.8617	667.0539	1.0000
Zheng	China	2.3584	1.0184	5.4767	58.8147	7.1024	171.0208	48.7057	1.0000
Zhong	China	1.0760	0.7825	1.4673	199.1634	109.9796	231.2444	137.3991	1.0000

NOTES: RR,RL,RU RELATIVE RISKS AND LOWER AND UPPER CONFIDENCE INTERVALS

CA1,CA0 NUMBERS (OR PSEUDO-NUMBERS) OF EXPOSED AND UNEXPOSED CASES

CO1,CO0 NUMBERS (OR PSEUDO-NUMBERS) OF EXPOSED AND UNEXPOSED CONTROLS

EXPOS ASSIGNED EXPOSURE FOR SMOKING BY HUSBAND

ALL STUDIES

WEIGHT ON (1/se*se), Variance set at 1

APPENDIX 18

ETS and Lung Cancer - Meta-Analysis of exposed/unexposed Risks, 13-SEP-06

Female (Husband's smoking)

BASIC DATA USED IN META-ANALYSES

CORRECTED FOR ALL CONFOUNDERS (FRUIT, VEG, FAT, EDUCATION)

Confounder Differences based on Random-effects Regression

Study title	Country	Beta	St.Err. Beta	Z	Weight	ETSse	FRU	VEG	FAT	EDU	TEA
Akiba	Japan	0.3342	0.2775	1.2043	12.9854	0.4607	0	0	0	0	0
Boffetta 2	7 countries	-0.0771	0.3406	-0.2264	8.6217	0.5024	0	0	0	0	0
Boffetta	7 countries	0.0289	0.1166	0.2478	73.5297	0.4839	0	0	0	0	0
Brownson 1	USA	0.4928	0.7330	0.6723	1.8614	0.3604	0	0	0	1	0
Brownson 2	USA	-0.0771	0.1034	-0.7454	93.4649	0.5000	0	0	0	0	0
Buffler	USA	-0.3017	0.4390	-0.6873	5.1900	0.3706	0	0	0	0	0
Butler	USA	0.6337	0.7350	0.8622	1.8512	0.3979	0	0	0	0	0
Cardenas	USA	0.1391	0.1768	0.7866	31.9819	0.4936	0	1	1	2	0
Chan	China	-0.3695	0.2822	-1.3092	12.5540	0.5012	0	0	0	0	0
Choi	Korea	0.4195	0.2902	1.4454	11.8715	0.5002	0	0	0	0	0
Correa	USA	0.6623	0.4768	1.3891	4.3991	0.5002	0	0	0	0	0
De Waard	Netherlands	0.8810	0.5701	1.5453	3.0765	0.4785	0	0	0	0	0
Du	China	0.0105	0.2708	0.0388	13.6376	0.4895	0	0	0	0	0
Enstrom	USA	-0.1287	0.1788	-0.7200	31.2967	0.4515	1	0	0	2	0
Fontham	USA	0.1950	0.1099	1.7744	82.8016	0.4877	1	1	0	2	0
Gao	China	0.1921	0.2046	0.9390	23.8925	0.4414	0	0	0	2	0
Garfinkel 1	USA	0.0825	0.1630	0.5063	37.6608	0.4986	0	0	0	0	0
Garfinkel 2	USA	0.1332	0.2134	0.6241	21.9512	0.4829	0	0	0	0	0
Geng	China	0.7056	0.3519	2.0053	8.0765	0.4992	0	0	0	0	0
Gorlova	USA	0.1130	0.3071	0.3679	10.6004	0.4752	0	0	0	1	0
Hirayama	Japan	0.2992	0.1818	1.6459	30.2626	0.4266	0	0	0	0	0
Hole	Scotland	0.5680	1.0955	0.5185	0.8333	0.4462	0	0	0	0	0
Humble 1	USA	0.7241	0.5499	1.3169	3.3074	0.4978	0	0	0	0	0
IARC: Kreuzer	Germany	-0.3037	0.2438	-1.2459	16.8300	0.4928	0	0	0	0	0
Inoue	Japan	0.7464	0.6229	1.1982	2.5772	0.4859	0	0	0	0	0
Janerich	USA	-0.3693	0.2391	-1.5444	17.4887	0.4922	0	0	0	0	0
Jee	Korea	0.4787	0.3136	1.5263	10.1656	0.4202	0	1	0	3	0
Johnson	Canada	0.1214	0.3344	0.3630	8.9410	0.4525	1	1	0	2	0
Kabat 1	USA	-0.3167	0.5823	-0.5439	2.9497	0.5000	0	0	0	0	0
Kabat 2	USA	0.0011	0.2994	0.0037	11.1578	0.4934	0	0	0	2	0
Kalandidi	Greece	0.6913	0.3367	2.0530	8.8198	0.4917	1	0	0	2	0
Koo	China	0.4257	0.3233	1.3166	9.5655	0.5023	0	0	0	2	0
Lagarde	Sweden	0.0649	0.1612	0.4027	38.4970	0.4857	0	0	0	3	0
Lam T	China	0.4318	0.1801	2.3975	30.8285	0.4986	0	0	0	0	0
Lam W	China	0.6324	0.3132	2.0194	10.1972	0.4986	0	0	0	0	0
Layard	USA	-0.6307	0.3383	-1.8642	8.7366	0.5001	0	0	0	0	0
Lee	England	-0.0769	0.5080	-0.1514	3.8755	0.4701	0	0	0	0	0
Lee C-H	Taiwan	0.5589	0.1894	2.9514	27.8862	0.4960	0	0	0	2	0
Liu Q	China	0.4742	0.4119	1.1512	5.8941	0.5022	0	0	0	2	0
Liu Z	China	-0.3397	0.4788	-0.7095	4.3618	0.3360	0	0	0	0	0
Malats	7 Europe+Brazil	0.3346	0.3392	0.9865	8.6930	0.4796	0	0	0	0	0
McGhee	China	0.2502	0.1977	1.2658	25.5946	0.4966	0	0	0	2	0
Nishino	Japan	0.5533	0.4915	1.1258	4.1400	0.4925	1	1	1	0	0
Ohno	Japan	-0.0768	0.2039	-0.3767	24.0539	0.4465	0	0	0	0	0
Pershagen	Sweden	0.1082	0.2803	0.3861	12.7311	0.5005	0	0	0	0	0
Rapiti	India	0.1080	0.4484	0.2408	4.9727	0.4679	0	0	0	0	0
Rylander	Sweden	0.2415	0.4480	0.5391	4.9829	0.4011	0	0	0	0	0
Schwartz	USA	0.0198	0.2162	0.0916	21.4034	0.4834	0	0	0	0	0
Seow	Singapore	0.1831	0.1699	1.0780	34.6627	0.4982	0	0	0	0	0
Shen	China	-0.3667	0.4459	-0.8224	5.0301	0.3666	0	0	0	0	0
Shimizu	Japan	0.0011	0.2666	0.0041	14.0676	0.4981	0	0	0	0	0
Sobue	Japan	0.0471	0.1880	0.2505	28.2860	0.4987	0	0	0	2	0
Speize	USA	0.3312	0.7767	0.4264	1.6577	0.2753	0	0	0	0	0
Stockwell	USA	0.4004	0.3372	1.1875	8.7954	0.4915	0	0	0	2	0
Sun	China	0.0737	0.1908	0.3863	27.4727	0.4927	0	0	0	2	0
Svensson	Sweden	0.2351	0.4808	0.4890	4.3255	0.4772	0	0	0	0	0
Trichopoulos	Greece	0.6673	0.2796	2.3870	12.7958	0.5009	0	0	0	0	0
Vineis	Western Europe	0.0086	0.3319	0.0259	9.0791	0.4934	1	1	1	2	0
Wang L	China	0.0025	0.2657	0.0094	14.1669	0.3780	0	0	0	1	0

ALL STUDIES

WEIGHT ON (1/se*se), Variance set at 1

APPENDIX 18

ETS and Lung Cancer - Meta-Analysis of exposed/unexposed Risks, 13-SEP-06

Female (Husband's smoking)

BASIC DATA USED IN META-ANALYSES

CORRECTED FOR ALL CONFOUNDERS (FRUIT, VEG, FAT, EDUCATION)

Confounder Differences based on Random-effects Regression

Study title	Country	Beta	St.Err. Beta	Z	Weight	ETSse	FRU	VEG	FAT	EDU	TEA
Wang S	China	0.8654	0.3567	2.4263	7.8607	0.4831	0	0	0	0	0
Wang T	China	0.0289	0.2577	0.1121	15.0558	0.4757	0	0	0	0	0
Wu	USA	0.1082	0.4814	0.2248	4.3150	0.4944	0	0	0	0	0
Wu-Williams	China	-0.4395	0.1034	-4.2490	93.4649	0.4978	0	0	0	2	0
Zaridze	Russia	0.3551	0.1874	1.8945	28.4648	0.4987	0	0	0	2	0
Zatloukal	Czech Republic	-0.8174	0.4201	-1.9457	5.6658	0.3797	0	0	0	2	0
Zheng	China	0.8580	0.4292	1.9992	5.4295	0.4163	0	0	0	0	0
Zhong	China	0.0732	0.1604	0.4565	38.8862	0.4842	1	0	0	1	0

NOTES: BETA SLOPE OF LOG RR ON NCIGS

SE BETA STANDARD ERROR OF BETA

Z RATIO OF BETA TO ITS STANDARD ERROR (APPROXIMATE NORMAL STATISTIC)

WEIGHT INVERSE OF THE VARIANCE OF BETA

ETSse STANDARD ERROR OF ETS EXPOSURE OVER THE CONTROL GROUPS

FRU = 1 ANALYSIS ADJUSTED FOR FRUIT

VEG = 1 " " " VEGETABLES

FAT = 1 " " " FRUIT

EDU = 1 " " " INCOME

= 2 " " " EDUCATION

= 3 " " " SOCIO-ECONOMIC STATUS

TEA = 0 NO ADJUSTMENT (OR MATCHING) FOR TEA

ALL STUDIES

WEIGHT ON (1/se*se), Variance set at 1

APPENDIX 18
ETS and Lung Cancer - Meta-Analysis of exposed/unexposed Risks, 13-SEP-06
Female (Husband's smoking)

CORRECTED FOR ALL CONFOUNDERS (FRUIT, VEG, FAT, EDUCATION)
RANDOM-EFFECTS META-ANALYSES
Confounder Differences based on Random-effects Regression

Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	60.5835	(66)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.1275	0.0404	++	1.1360	1.0495	1.2297

SEPARATE RANDOM-EFFECTS META-ANALYSES BY REGION

NORTH AMERICA AND EUROPE
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	36.1745	(36)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.0711	0.0433	N.S.	1.0737	0.9863	1.1689

ASIA
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	22.5422	(29)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.1947	0.0692	++	1.2149	1.0609	1.3913

USA AND CANADA
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	18.3036	(20)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.0378	0.0493	N.S.	1.0386	0.9429	1.1439

EUROPE
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	15.6931	(15)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.1358	0.0836	N.S.	1.1454	0.9723	1.3495

CHINA AND HONG KONG
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	14.1468	(17)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.1639	0.1012	N.S.	1.1781	0.9661	1.4366

REST OF ASIA
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	9.5546	(11)

ALL STUDIES
WEIGHT ON (1/se*se), Variance set at 1

APPENDIX 18

ETS and Lung Cancer - Meta-Analysis of exposed/unexposed Risks, 13-SEP-06

Female (Husband's smoking)

CORRECTED FOR ALL CONFOUNDERS (FRUIT, VEG, FAT, EDUCATION)
SEPARATE RANDOM-EFFECTS META-ANALYSES BY REGION
Confounder Differences based on Random-effects Regression

Log RR (Beta)
WEIGHTED on Beta Weights

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.2400	0.0697	++	1.2713	1.1090	1.4573

SEPARATE RANDOM-EFFECTS META-ANALYSES BY YEAR OF PUBLICATION

PUBLISHED IN 1980S
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	20.2157	(24)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.2538	0.0592	+++	1.2889	1.1476	1.4475

PUBLISHED IN 1990S
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	25.6393	(26)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.0745	0.0653	N.S.	1.0774	0.9479	1.2245

PUBLISHED IN 2000S
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	13.9666	(14)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.0855	0.0730	N.S.	1.0892	0.9439	1.2568

SEPARATE RANDOM-EFFECTS META-ANALYSES BY NUMBER OF LUNG CANCER CASES

<100 CASES
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	37.3448	(38)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.2195	0.0685	++	1.2455	1.0891	1.4244

100-199 CASES
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	11.8120	(13)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.0551	0.0557	N.S.	1.0566	0.9473	1.1786

200-399 CASES
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	7.4174	(8)

ALL STUDIES
WEIGHT ON (1/se*se), Variance set at 1

APPENDIX 18
ETS and Lung Cancer - Meta-Analysis of exposed/unexposed Risks, 13-SEP-06
Female (Husband's smoking)

CORRECTED FOR ALL CONFOUNDERS (FRUIT, VEG, FAT, EDUCATION)
SEPARATE RANDOM-EFFECTS META-ANALYSES BY NUMBER OF LUNG CANCER CASES
Confounder Differences based on Random-effects Regression

Log RR (Beta)
WEIGHTED on Beta Weights

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.2356	0.0654	++	1.2656	1.1134	1.4387

400+ CASES
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	3.5695	(4)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	-0.0503	0.1164	N.S.	0.9510	0.7570	1.1946

SEPARATE RANDOM-EFFECTS META-ANALYSES BY DOSE-RESPONSE OR NOT

RESULTS FOR DOSE-RESPONSE
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	22.4120	(22)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.2081	0.0554	++	1.2313	1.1046	1.3727

NO RESULTS FOR DOSE-RESPONSE
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	37.8149	(43)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.0762	0.0523	N.S.	1.0791	0.9741	1.1955

SEPARATE RANDOM-EFFECTS META-ANALYSES BY AGE ADJUSTMENT OR NOT

ADJUSTED (OR MATCHED) FOR AGE
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	47.4616	(54)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.0748	0.0400	(+)	1.0776	0.9963	1.1656

NOT ADJUSTED (OR MATCHED) FOR AGE
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	11.2987	(11)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.3924	0.1080	++	1.4806	1.1982	1.8295

SEPARATE RANDOM-EFFECTS META-ANALYSES BY STUDY TYPE

CASE-CONTROL STUDIES

ALL STUDIES
WEIGHT ON (1/se*se), Variance set at 1

APPENDIX 18

ETS and Lung Cancer - Meta-Analysis of exposed/unexposed Risks, 13-SEP-06

Female (Husband's smoking)

CORRECTED FOR ALL CONFOUNDERS (FRUIT, VEG, FAT, EDUCATION)
SEPARATE RANDOM-EFFECTS META-ANALYSES BY STUDY TYPE
Confounder Differences based on Random-effects Regression

Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	52.3000	(56)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.1254	0.0458	++	1.1336	1.0362	1.2402

PROSPECTIVE STUDIES
Log RR (Beta)
WEIGHTED on Beta Weights

	Deviance	(DF)
Model 1	5.8454	(9)

	Estimate	S.E.	P	RR	95%CIl	95%CIu
Constant	0.1385	0.0793	N.S.	1.1486	0.9832	1.3418

ALL STUDIES
WEIGHT ON (1/se*se), Variance set at 1