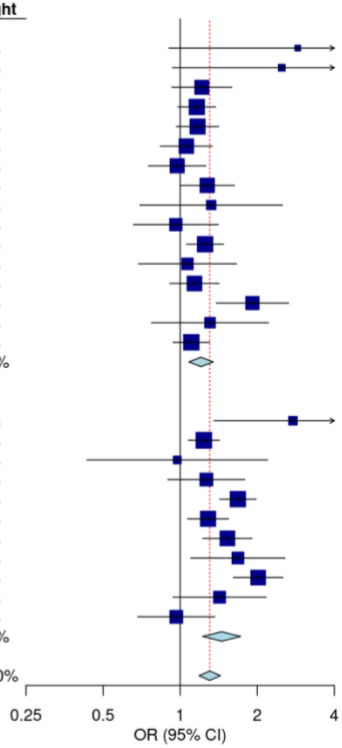
Supplemental Figure 1. Forest plots and of meta-analysis of association between A) red meat intake and B) processed meat intake and CRC; and funnel plots for C) red meat intake and D) processed meat intake.

A)

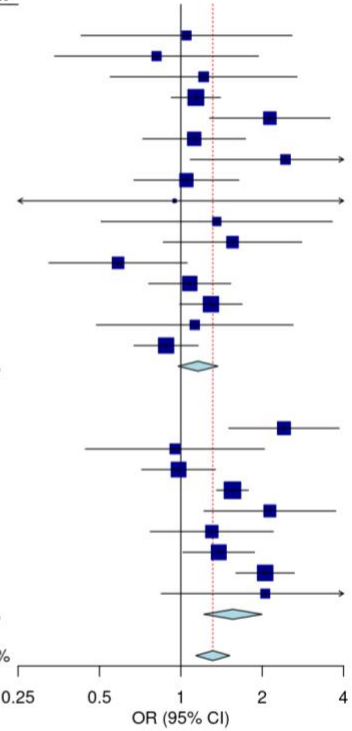
Source	Control	Case	N	OR	95% CI	Weight
study_design = Cohort						
ATBC	31	140	171	2.88	[0.90; 9.17]	0.7%
CLUEII	238	225	463	2.49	[0.93; 6.66]	1.0%
CPSII	868	870	1738	1.21	[0.93; 1.59]	4.3%
EPIC	2218	1916	4134	1.16	[0.98; 1.38]	5.1%
HPFS	589	574	1163	1.17	[0.97; 1.41]	5.0%
MCCS	672	752	1424	1.06	[0.84; 1.34]	4.6%
MEC	417	370	787	0.97	[0.75; 1.26]	4.4%
NHS	1113	757	1870	1.28	[1.00; 1.63]	4.5%
NHSII	98	105	203	1.32	[0.70; 2.51]	1.9%
PHS	378	366	744	0.96	[0.66; 1.41]	3.3%
PLCO	3698	969	4667	1.25	[1.06; 1.48]	5.2%
SELECT	267	261	528	1.07	[0.69; 1.66]	2.9%
SMC_COSM	850	530	1380	1.14	[0.91; 1.42]	4.7%
UKB	10904	2740	13644	1.92	[1.38; 2.65]	3.8%
VITAL	258	240	498	1.31	[0.77; 2.21]	2.4%
WHI	2066	1980	4046	1.11	[0.94; 1.30]	5.2%
Total				1.21	[1.08; 1.35]	58.8%
Heterogeneity: $\chi^2_{15} = 19.25$ ($P = .20$), $I^2 = 22\%$						
study_design = Case-Control						
ASTERISK	937	860	1797	2.76	[1.35; 5.61]	1.6%
CCFR	2103	2950	5053	1.24	[1.07; 1.42]	5.4%
Colo2&3	121	87	208	0.97	[0.43; 2.20]	1.3%
CRCGEN	995	800	1795	1.27	[0.89; 1.79]	3.6%
DACHS	2779	3509	6288	1.68	[1.43; 1.98]	5.2%
DALS	1163	1099	2262	1.28	[1.07; 1.54]	5.0%
Kentucky	1009	845	1854	1.53	[1.23; 1.91]	4.7%
LCCS	674	1177	1851	1.68	[1.10; 2.57]	3.0%
MECC	4055	4894	8949	2.02	[1.61; 2.52]	4.7%
NCCCSI	448	236	684	1.42	[0.94; 2.17]	3.1%
NCCCSII	686	590	1276	0.97	[0.68; 1.37]	3.6%
Total				1.45	[1.22; 1.72]	41.2%
Heterogeneity: $\chi^2_{10} = 28.63$ ($P = .001$), $I^2 = 65\%$						
Total				1.30	[1.18; 1.44]	100.0%



Heterogeneity: $\chi^2_{26} = 64.24$ ($P < .001$), $I^2 = 60\%$
Test for subgroup differences: $\chi^2_1 = 3.97$ ($P = .05$)

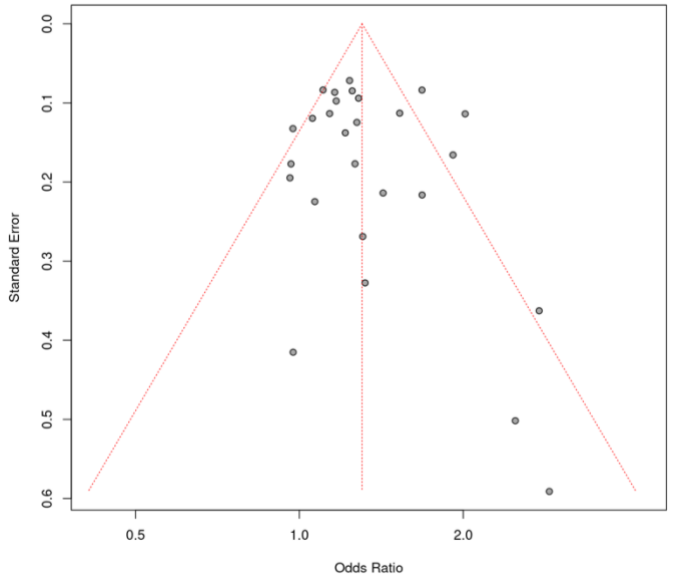
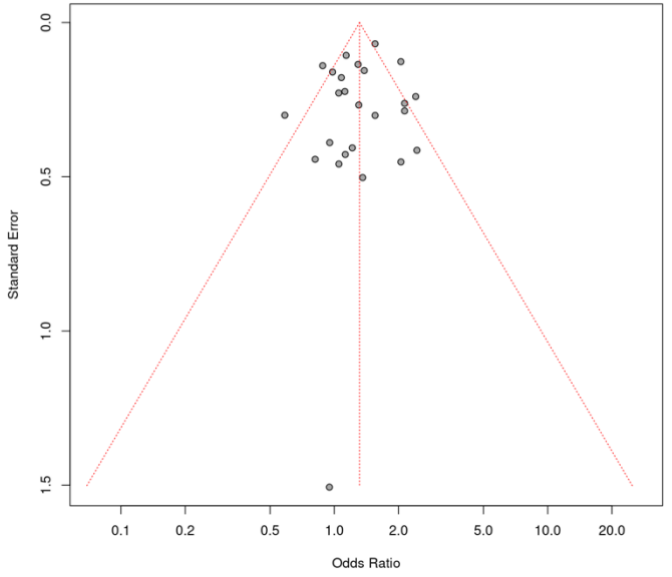
B)

Source	Control	Case	N	OR	95% CI	Weight
study_design = Cohort						
ATBC	31	140	171	1.05	[0.43; 2.58]	2.1%
CLUEII	237	224	461	0.81	[0.34; 1.94]	2.2%
CPSII	868	870	1738	1.21	[0.55; 2.69]	2.5%
EPIC	2218	1916	4134	1.14	[0.92; 1.40]	6.6%
HPFS	505	475	980	2.14	[1.28; 3.57]	4.1%
MCCS	672	752	1424	1.12	[0.72; 1.74]	4.7%
MEC	417	370	787	2.44	[1.08; 5.49]	2.4%
NHS	1111	757	1868	1.05	[0.67; 1.64]	4.6%
NHSII	98	105	203	0.95	[0.05; 18.17]	0.3%
PHS	378	366	744	1.36	[0.51; 3.64]	1.8%
PLCO	3698	969	4667	1.55	[0.86; 2.80]	3.5%
SELECT	268	262	530	0.59	[0.33; 1.06]	3.5%
SMC_COSM	841	525	1366	1.08	[0.76; 1.53]	5.4%
UKB	10888	2736	13624	1.29	[0.99; 1.69]	6.2%
VITAL	258	240	498	1.13	[0.49; 2.60]	2.3%
WHI	2069	1983	4052	0.88	[0.67; 1.16]	6.1%
Total				1.16	[0.98; 1.37]	58.1%
Heterogeneity: $\chi^2_{15} = 20.3$ ($P = .16$), $I^2 = 26\%$						
study_design = Case-Control						
CCFR	1271	1293	2564	2.41	[1.50; 3.85]	4.4%
Colo2&3	121	87	208	0.95	[0.44; 2.04]	2.6%
CRCGEN	995	800	1795	0.98	[0.72; 1.34]	5.7%
DACHS	2779	3509	6288	1.55	[1.36; 1.78]	7.2%
DALS	1163	1099	2262	2.14	[1.22; 3.74]	3.7%
Kentucky	1007	844	1851	1.30	[0.77; 2.20]	4.0%
LCCS	675	1176	1851	1.38	[1.02; 1.87]	5.8%
MECC	4055	4894	8949	2.05	[1.60; 2.63]	6.3%
NCCCSII	686	590	1276	2.05	[0.85; 4.98]	2.1%
Total				1.56	[1.22; 2.00]	41.9%
Heterogeneity: $\chi^2_8 = 20.56$ ($P = .008$), $I^2 = 61\%$						
Total				1.31	[1.14; 1.52]	100.0%



Heterogeneity: $\chi^2_{24} = 59.47$ ($P < .001$), $I^2 = 60\%$
Test for subgroup differences: $\chi^2_1 = 4.93$ ($P = .03$)

C)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