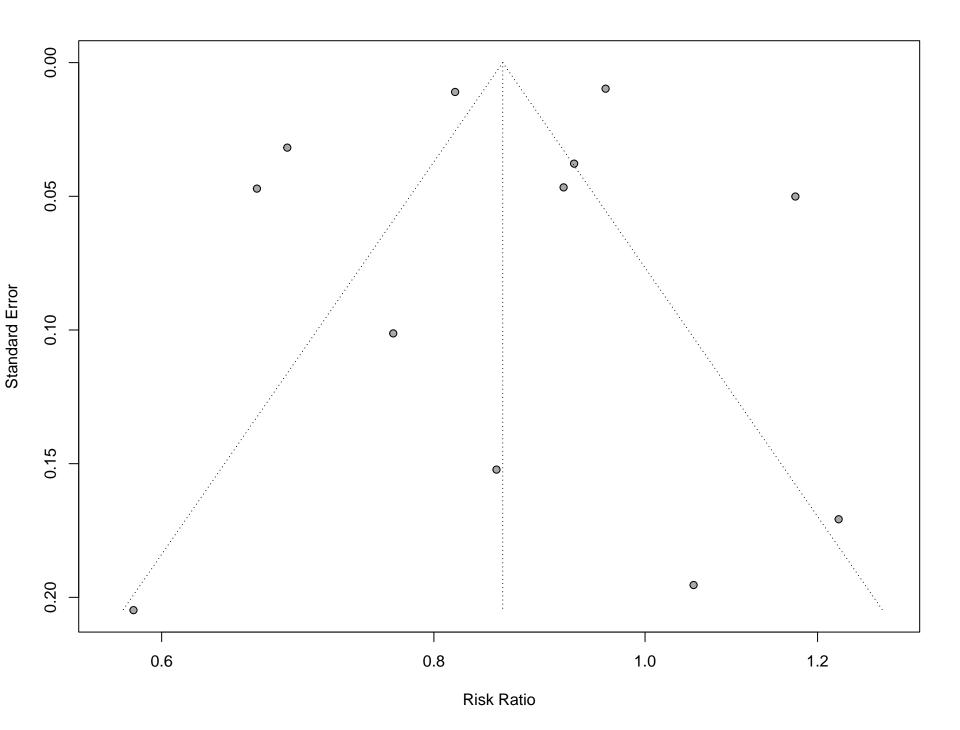
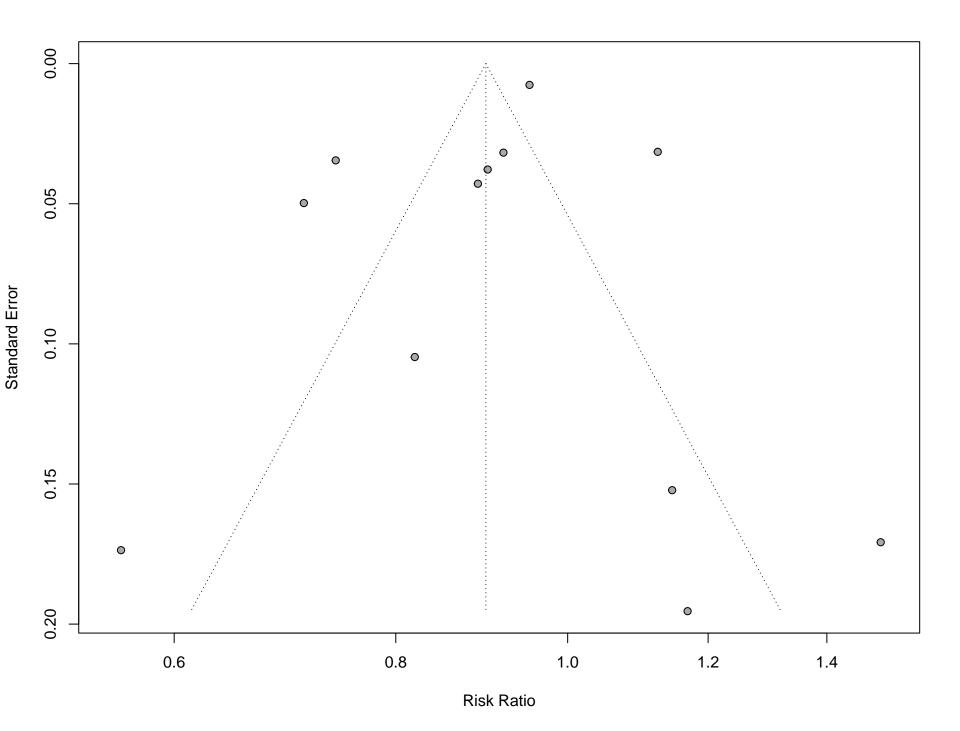
Study	logRR S	E(logRR)	RR	RR	95%-CI	Weight	RoB
197 CHNS	0.0513	0.1954		1.05	[0.72; 1.54]	2.5%	some concerns
196 NIH-AARP b	-0.2007	0.0110	+		[0.80; 0.84]		some concerns
 179_HPFS_b	-0.4101	0.0471			[0.61; 0.73]		some concerns
179_NHS_b	-0.3781	0.0318	-	0.69	[0.64; 0.73]		some concerns
134_NHANES	-0.0417	0.0098	+	0.96	[0.94; 0.98]	13.4%	high
124_Takahama_b	-0.2661	0.1013		0.77	[0.63; 0.93]	6.2%	some concerns
62_UKB_b	-0.0749	0.0378	-	0.93	[0.86; 1.00]	11.6%	high
51_PREDIMED_b	-0.5406	0.2048 -		0.58	[0.39; 0.87]	2.3%	some concerns
46_ULSAM	0.2046	0.1708	-	1.23	[0.88; 1.71]	3.1%	some concerns
35_SUN	-0.1570	0.1522		0.85	[0.63; 1.15]	3.7%	high
30_PURE	-0.0861	0.0467		0.92	[0.84; 1.01]	10.8%	high
10_EPIC-Heidelberg	0.1589	0.0501	+	1.17	[1.06; 1.29]	10.5%	high
Random effects mode	el .		÷	0.86	[0.80; 0.92]	100.0%	
			0.5 1 2				
Heterogeneity: $I^2 = 96\%$,	$\tau^2 = 0.0086, p$	< 0.01	PUFA:SFA				



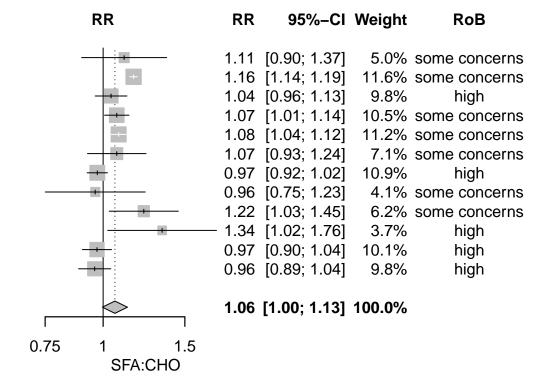
Study	logRR S	E(logRR)	RR	RR	95%-CI	Weight	RoB
197_CHNS	0.1557	0.1954		1.17	[0.80; 1.71]	2.5%	some concerns
196 NIH-AARP b	-0.0495	0.0076	+		[0.94; 0.97]		some concerns
190 NHANES b3	-0.0834	0.0318	=		[0.86; 0.98]	12.0%	high
179 HPFS b	-0.3425	0.0498	-		[0.64; 0.78]		some concerns
 179 NHS b	-0.3011	0.0345	-		[0.69; 0.79]		some concerns
 124_Takahama_b	-0.1985	0.1047			[0.67; 1.01]		some concerns
62_UKB_b	-0.1038	0.0378	-		[0.84; 0.97]	11.5%	high
51_PREDIMED_b	-0.5798	0.1736 -		0.56	[0.40; 0.79]	3.0%	some concerns
46_ULSAM	0.4064	0.1708		1.50	[1.07; 2.10]	3.1%	some concerns
35_SUN	0.1357	0.1522		1.15	[0.85; 1.54]	3.6%	high
30_PURE	-0.1165	0.0429	=	0.89	[0.82; 0.97]	11.0%	high
10_EPIC-Heidelberg	0.1169	0.0315	=	1.12	[1.06; 1.20]	12.0%	high
Random effects mode	A		÷	0.90 [[0.84; 0.96]	100.0%	
			0.5 1 2				
Heterogeneity: $I^2 = 92\%$,	$\tau^2 = 0.0086, p$	< 0.01	PUFA:CHO				

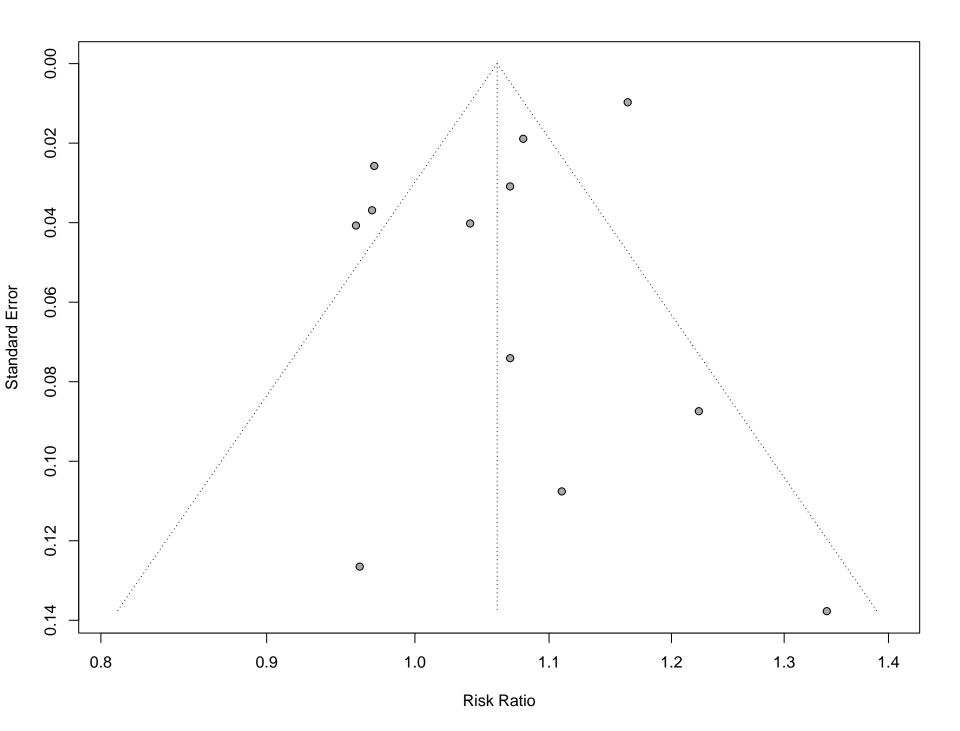


Study	logRR	SE(logRR)
197_CHNS	0.1044	0.1076
196_NIH-AARP_b	0.1512	0.0097
190_NHANES_b1	0.0392	0.0402
179_HPFS_b	0.0677	0.0309
179_NHS_b	0.0770	0.0189
124_Takahama_b	0.0677	0.0741
62_UKB_b	-0.0289	0.0257
51_PREDIMED_b	-0.0392	0.1265
46_ULSAM	0.2018	0.0874
35_SUN	0.2927	0.1377
30_PURE	-0.0305	0.0369
10_EPIC-Heidelberg	-0.0419	0.0407

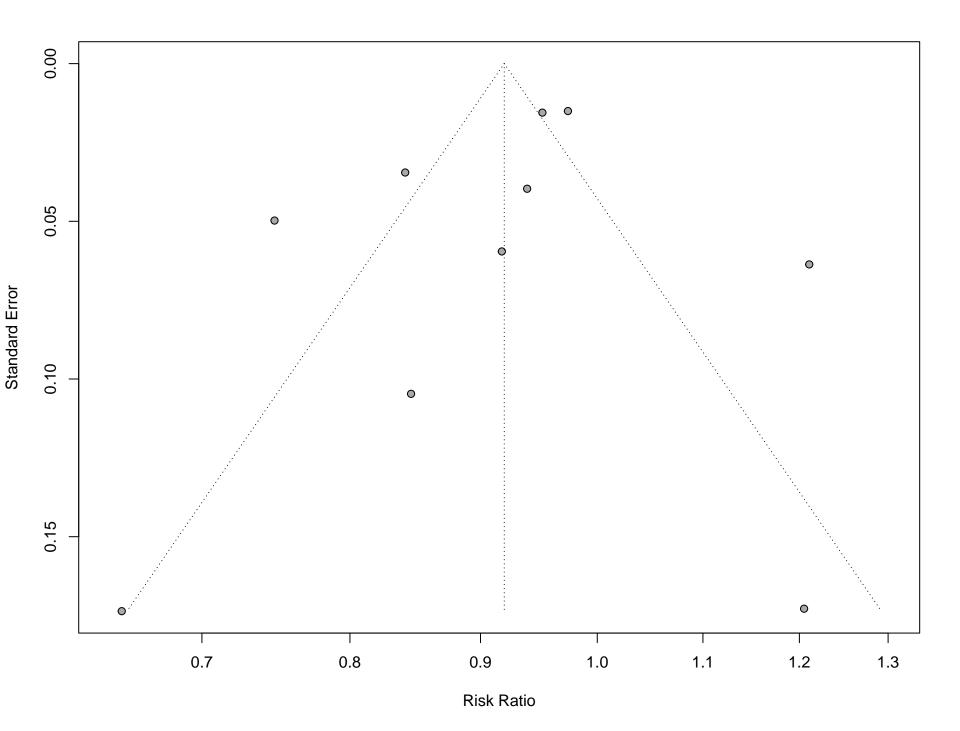
Random effects model

Heterogeneity: $I^2 = 87\%$, $\tau^2 = 0.0086$, p < 0.01



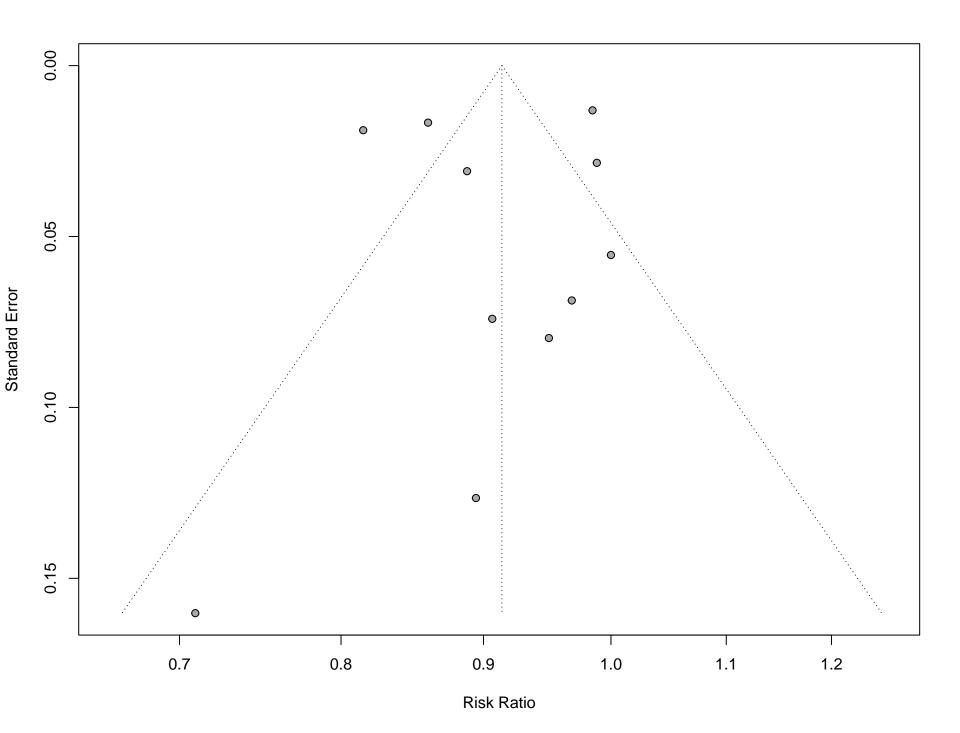


Study	logRR S	E(logRR)	RR	RR	95%-CI	Weight	RoB
196_NIH-AARP_b 179_HPFS_b 179_NHS_b 134_NHANES 124_Takahama_b 62_UKB_b 51_PREDIMED_b 35_SUN 30_PURE 10_EPIC-Heidelberg	-0.0495 -0.2912 -0.1733 -0.0265 -0.1680 -0.0633 -0.4290 0.1866 -0.0861 0.1912	0.0155 0.0498 0.0345 0.0150 0.1047 0.0397 0.1736 — 0.1728 0.0596 0.0637		0.75 0.84 0.97 0.85 0.94 0.65 1.21 0.92	[0.92; 0.98] [0.68; 0.82] [0.79; 0.90] [0.95; 1.00] [0.69; 1.04] [0.87; 1.01] [0.46; 0.92] [0.86; 1.69] [0.82; 1.03] [1.07; 1.37]	11.6% 13.1% 14.5% 6.5% 12.6% 3.3% 3.3% 10.5%	some concerns some concerns high some concerns high some concerns high high high
Random effects mode Heterogeneity: $I^2 = 85\%$,	el	Г 0.	5 1 PUFA:MUF	0.92	[0.86; 0.99]		high



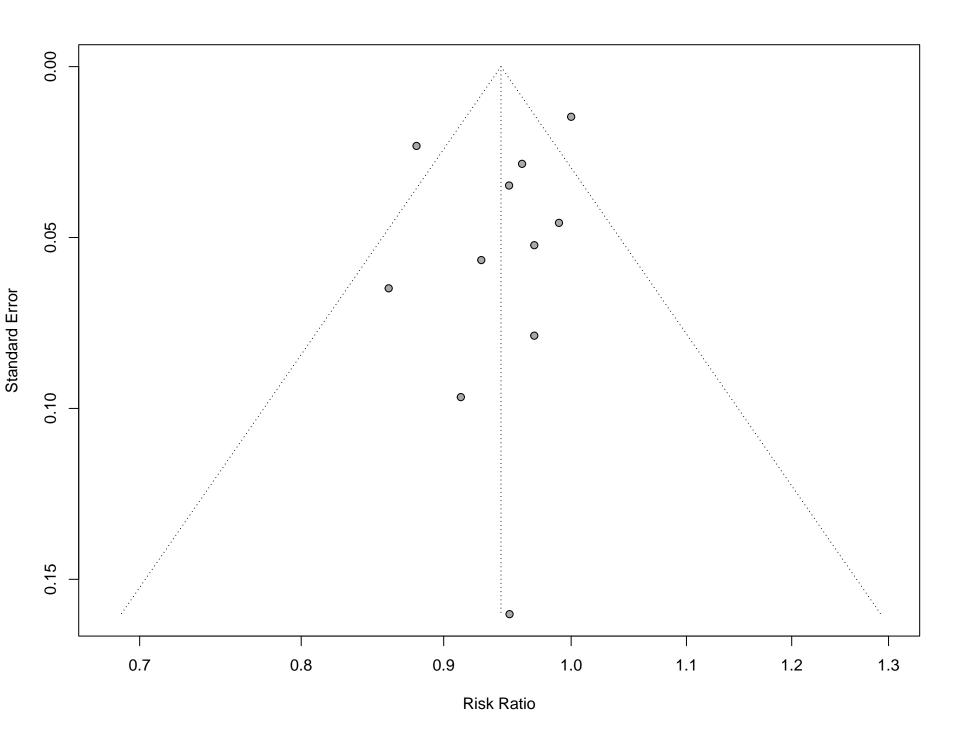
Study	logRR SE(logRR)	RR	RR	95%-CI	Weight	RoB
196_NIH-AARP_b 179_HPFS_b 179_NHS_b 62_UKB_b 51_PREDIMED_b	-0.2746 0.0287 -1.0742 0.1467 -0.4935 0.1033 -0.0687 0.2709 -0.4792 0.2420	-	0.34 0.61 0.93	[0.72; 0.80] [0.26; 0.46] [0.50; 0.75] [0.55; 1.59] [0.39; 1.00]	15.2% 23.8% 5.6%	some concerns some concerns some concerns high some concerns
Random effects mod	el		0.64	[0.56; 0.73]	100.0%	
Heterogeneity: $I^2 = 88\%$	$\tau^2 = 0.0086, p < 0.01$	0.5 1 2 PUFA:TFA				

Study	logRR S	E(logRR)	RR	RR	95%-CI	Weight	RoB
196_NIH-AARP_b 179_HPFS_b 179_NHS_b 134_NHANES 124_Takahama_b 115_CHNS_b1 62_UKB_b 51_PREDIMED_b 35_SUN 30_PURE 10_EPIC-Heidelberg	-0.1512 -0.1190 -0.2048 -0.0152 -0.0981 -0.0513 -0.0117 -0.1116 -0.3436 -0.0000 -0.0324	0.0167 0.0309 0.0189 0.0131 0.0741 0.0797 0.0284 0.1265 0.1602 — 0.0554 0.0687	+	0.89 0.81 0.98 0.91 0.95 0.99 0.89 0.71 1.00	[0.83; 0.89] [0.84; 0.94] [0.79; 0.85] [0.96; 1.01] [0.78; 1.05] [0.81; 1.11] [0.93; 1.05] [0.70; 1.15] [0.52; 0.97] [0.90; 1.11] [0.85; 1.11]	11.4% 12.2% 12.4% 7.7% 7.3% 11.6%	some concerns some concerns high some concerns some concerns high some concerns high some concerns high high high
Random effects mode	el			0.91	[0.86; 0.97]	100.0%	Ü
Heterogeneity: $I^2 = 90\%$,	$\tau^2 = 0.0086, p$	< 0.01	0.75 1 1.5 MUFA:SFA				



Study	logRR SE(logRR	RR	RR 95%-CI Weight RoB
196_NIH-AARP_b 179_HPFS_b 179_NHS_b 62_UKB_b 51_PREDIMED_b	-0.2251 0.0313 -0.7830 0.1423 -0.3202 0.1003 -0.0054 0.2698 -0.0503 0.1803		0.80 [0.75; 0.85] 45.5% some concerns 0.46 [0.35; 0.60] 15.1% some concerns 0.73 [0.60; 0.88] 23.4% some concerns 0.99 [0.59; 1.69] 5.4% high 0.95 [0.67; 1.36] 10.6% some concerns
Random effects mod	el		0.74 [0.65; 0.84] 100.0%
Heterogeneity: $I^2 = 77\%$	$\tau^2 = 0.0086, p < 0.01$	0.5 1 2 MUFA:TFA	

Study	logRR SE	E(logRR)	RR	RR	95%-CI	Weight	RoB
196_NIH-AARP_b 190_NHANES_b2 179_HPFS_b 179_NHS_b 124_Takahama_b 115_CHNS_b2 62_UKB_b 51_PREDIMED_b 35_SUN 30_PURE 10_EPIC-Heidelberg	0.0000 -0.0101 -0.0513 -0.1278 -0.0305 -0.0912 -0.0406 -0.1508 -0.0509 -0.0305 -0.0743	0.0147 0.0457 0.0348 0.0232 0.0787 0.0967 0.0284 0.0649 0.1602 — 0.0522 0.0566		0.99 0.95 0.88 0.97 0.91 0.96 0.86 0.95	[0.97; 1.03] [0.91; 1.08] [0.89; 1.02] [0.84; 0.92] [0.83; 1.13] [0.76; 1.10] [0.91; 1.02] [0.76; 0.98] [0.69; 1.30] [0.88; 1.07] [0.83; 1.04]	10.1% 11.0% 11.8% 7.3% 6.0% 11.4%	some concerns high some concerns some concerns some concerns high some concerns high high high high
Random effects mode	el			0.94	[0.88; 1.01]	100.0%	
Heterogeneity: $I^2 = 61\%$,	$\tau^2 = 0.0086, p$	< 0.01	0.8 1 MUF	1.25 A:CHO			

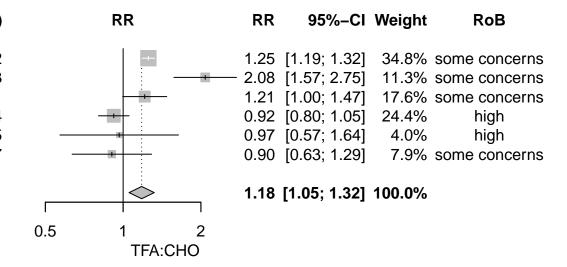


Study	logRR SE(log	RR) RR	RR	95%-CI	Weight	RoB
196_NIH-AARP_b 179_HPFS_b 179_NHS_b 62_UKB_b 51_PREDIMED_b	-0.6640 0.1 -0.1154 0.0 0.0063 0.2	293 114 — — — — — — — — — — — — — — — — — —	0.51 0.89 —— 1.01	[0.88; 0.98] [0.39; 0.68] [0.73; 1.08] [0.59; 1.71] [0.70; 1.61]	15.5% 24.0% 5.5%	some concerns some concerns some concerns high some concerns
Random effects mod	el		0.85	[0.75; 0.97]	100.0%	
Heterogeneity: $I^2 = 77\%$	$\tau^2 = 0.0086, p < 0.0$	0.5 1 SFA	2 x:TFA			

Study	logRR	SE(logRR)
196_NIH-AARP_b	0.2251	0.0282
179_HPFS_b	0.7317	0.1423
179_NHS_b	0.1924	0.1001
90_NCS	-0.0834	0.0694
62_UKB_b	-0.0352	0.2695
51_PREDIMED_b	-0.1006	0.1807

Random effects model

Heterogeneity: $I^2 = 86\%$, $\tau^2 = 0.0086$, p < 0.01



Study	logRR SE(log	JRR)	RR		RR	95%-CI	Weight	RoB
191_NIH-AARP_b 103_NHANES_b2 103_NHANES_b1 62_UKB_b 10_EPIC-Heidelberg	0.5475 0.3 0.7701 0.4 0.0483 0.4	0066 3939 4819 0264 0480	+		1.73 — 2.16 1.05	[1.06; 1.09] [0.80; 3.74] [0.84; 5.55] [1.00; 1.11] [0.79; 0.95]	1.9% 1.3%	some concerns high high high high
Random effects mode Heterogeneity: $I^2 = 83\%$,	e l	0.2	0.5 1	2 FA:PRO		[0.91; 1.14]		riigii

