Study	logRR SE(log	gRR) RR	RR	95%-CI	Weight	RoB
196_NIH-AARP_f 179_HPFS_f 179_NHS_f 62_UKB_f	-0.1881 0. -0.4719 0.	1058 — — — — — — — — — — — — — — — — — — —	- 0.83 0.62	[1.23; 1.86] [0.46; 1.51] [0.34; 1.14] [0.63; 1.11]	10.3% 10.1%	some concerns some concerns some concerns high
Random effects mod	el		1.07	[0.87; 1.31]	100.0%	
Heterogeneity: $I^2 = 82\%$	$\tau^2 = 0.0123, p < 0.0123$	0.5 1 01 n3–	2 PUFA:n6–PUFA			

Study logRR SE(logRR) RR RR 95%-CI Weight RoB 0.1058 196_NIH-AARP_f 0.2060 1.23 [1.00; 1.51] 40.1% some concerns 0.43 [0.33; 0.55] 30.9% some concerns 179_NHS+HPFS_f_f -0.85490.1350 0.79 [0.60; 1.05] 29.0% 62_UKB_f -0.23100.1424 high Random effects model 0.78 [0.64; 0.94] 100.0% 0.5 Heterogeneity: $I^2 = 95\%$, $\tau^2 = 0.0123$, p < 0.01n3-PUFA:SFA

Study	logRR S	E(logRR)	RR	RR	95%-CI	Weight	RoB
196_NIH-AARP_f 179_HPFS_f 179_NHS_f 124_Takahama_f 62 UKB f	0.2870 -0.5077 -0.6804 -0.3425 -0.2567	0.1061 0.3054 0.3086 0.7977 - 0.1431		0.60 0.51 — 0.71	[1.08; 1.64] [0.33; 1.10] [0.28; 0.93] [0.15; 3.39] [0.58; 1.02]	10.2% 10.0% 1.7%	some concerns some concerns some concerns some concerns high
Random effects mod		0.1401			[0.75; 1.13]		i iigii

0.5

2

n3-PUFA:CHO

0.2

Heterogeneity: $I^2 = 78\%$, $\tau^2 = 0.0123$, p < 0.01

Study	logRR SE(log	ıRR)	RR	RR	95%-CI	Weight	RoB
196_NIH-AARP_f 179_NHS+HPFS_f 62_UKB_f	-0.1814 0.0	0139 	+	0.83		32.9%	some concerns some concerns high
Random effects mode	el		-	0.86	[0.75; 0.98]	100.0%	
Heterogeneity: $I^2 = 84\%$,	$\tau^2 = 0.0123, p < 0.0$	0.8 1	1 1.25 n6–PUFA:SFA	٨			

Study	logRR	SE(logRR)	RR	RR	95%-CI	Weight	RoB
196_NIH-AARP_f	-0.1275	0.0161	=	0.88	[0.85; 0.91]	28.0% \$	some concerns
179_HPFS_f	-0.3196	0.0580 -		0.73	[0.65; 0.81]	22.4%	some concerns
179_NHS_f	-0.2085	0.0416		0.81	[0.75; 0.88]	25.0%	some concerns
62_UKB_f	-0.0809	0.0442		0.92	[0.85; 1.01]	24.6%	high
Random effects mod	lel			0.84	[0.74; 0.94]	100.0%	
			0.75 1	1.5			
Heterogeneity: $I^2 = 80\%$	$\tau^2 = 0.0123,$	<i>p</i> < 0.01	n6-PUF	A:CHO			

Study	logRR	SE(logRR)
196_NIH-AARP_f	0.0810	0.0161
62_UKB_f	-0.0257	0.0417

Random effects model

Heterogeneity: $I^2 = 82\%$, $\tau^2 = 0.0123$, p = 0.02































