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## Supplemental File 1: Search strategy

Medline		Embase			
#1 women.mp. or Female/		#1 female/ or women.mp.			
#2 Diet, Mediterranean/ or Mediterrane	ean diet.mp. or Mediterranean	#2 Mediterranean diet/ or Mediterranean diet.mp. or			
dietary pattern.mp.		Mediterranean dietary pattern.	.mp.		
#3 cardiovascular diseases/ or heart dis	seases/ or heart arrest/ or death,	#3 cardiovascular disease/ or i	isch?emic heart disease.mp. or		
sudden, cardiac/ or out-of-hospital card	diac arrest/ or heart failure/ or	ischemic heart disease/ or cere	ebrovascular disease/ or brain		
myocardial ischemia/ or acute coronar	y syndrome/ or angina, unstable/	infarction/ or brain ischemia/	or carotid artery disease/		
or coronary disease/ or coronary artery	disease/ or coronary stenosis/ or	#4 cardiovascular disease*.mp	#4 cardiovascular disease*.mp. or (Cardiovascular adj2 (event		
myocardial infarction/ or cerebrovascu	ılar disorders/ or brain ischemia/	or events or risk)).mp.			
or brain infarction/ or ischemic attack,	transient/ or carotid artery	#5 all cause mortality/ or cardiovascular mortality/ or premature			
diseases/ or stroke/ or hemorrhagic stro	oke/ or ischemic stroke/	mortality/			
#4 isch?emic heart disease.mp. or card	liovascular disease*.mp. or				
(cardiovascular adj2 (event or events o	or risk)).mp.				
#5 mortality/ or "cause of death"/ or fa	atal outcome/ or mortality,				
premature/ or survival rate/					
#6	#3 OR #4 OR #5	#6	#3 OR #4 OR #5		
#1 AND #2 AND #6		#1 AND #2 AND #6			
Limits: English language; Publication	period= "2003-Current"	Limits: English language; Publication period= "2003-Current"			
	#1 women.mp. or Female/  #2 Diet, Mediterranean/ or Mediterrand dietary pattern.mp.  #3 cardiovascular diseases/ or heart diseases/ or heart diseases/ or out-of-hospital car myocardial ischemia/ or acute coronary or coronary disease/ or coronary artery myocardial infarction/ or cerebrovascular diseases/ or stroke/ or hemorrhagic structure/ emic heart disease.mp. or card (cardiovascular adj2 (event or events of the structure or survival rate/  #5 mortality/ or "cause of death"/ or far premature/ or survival rate/  #6  #1 AND #2 AND #6	#1 women.mp. or Female/  #2 Diet, Mediterranean/ or Mediterranean diet.mp. or Mediterranean dietary pattern.mp.  #3 cardiovascular diseases/ or heart diseases/ or heart arrest/ or death, sudden, cardiac/ or out-of-hospital cardiac arrest/ or heart failure/ or myocardial ischemia/ or acute coronary syndrome/ or angina, unstable/ or coronary disease/ or coronary artery disease/ or coronary stenosis/ or myocardial infarction/ or cerebrovascular disorders/ or brain ischemia/ or brain infarction/ or ischemic attack, transient/ or carotid artery diseases/ or stroke/ or hemorrhagic stroke/ or ischemic stroke/  #4 isch?emic heart disease.mp. or cardiovascular disease*.mp. or (cardiovascular adj2 (event or events or risk)).mp.  #5 mortality/ or "cause of death"/ or fatal outcome/ or mortality, premature/ or survival rate/  #6 #3 OR #4 OR #5	#1 women.mp. or Female/  #2 Diet, Mediterranean/ or Mediterranean diet.mp. or Mediterranean dietary pattern.mp.  #3 cardiovascular diseases/ or heart diseases/ or heart arrest/ or death, sudden, cardiac/ or out-of-hospital cardiac arrest/ or heart failure/ or myocardial ischemia/ or acute coronary syndrome/ or angina, unstable/ or coronary disease/ or coronary artery disease/ or coronary stenosis/ or myocardial infarction/ or cerebrovascular disorders/ or brain ischemia/ or brain infarction/ or ischemic attack, transient/ or carotid artery diseases/ or stroke/ or hemorrhagic stroke/ or ischemic stroke/ #4 isch?emic heart disease.mp. or cardiovascular disease*.mp. or (cardiovascular adj2 (event or events or risk)).mp. #5 mortality/ or "cause of death"/ or fatal outcome/ or mortality, premature/ or survival rate/  #6 #3 OR #4 OR #5  #1 AND #2 AND #6		

	Cinahl		Scopus	Web of Science	
Population	#1 (MM "Female") or "wom?n"		#1 TITLE-ABS-KEY ((wom?n) or	#1 ((wom?n) or (female)) (All	
			(female))	Fields)	
Exposure	#2 (MH "Mediterranean Diet") or "med	diterranean diet" or	#2 (TITLE-ABS-KEY ((mediterranean	#2 ((Mediterranean Diet) or	
	"mediterranean dietary pattern"		and diet) or (mediterranean and dietary	(Mediterranean dietary pattern))	
			and pattern))	(All Fields)	
Outcome	#3 (MM "Cardiovascular Diseases") pr (MM "Heart		#3 TITLE-ABS-KEY ((cardiovascular	#3 ((cardiovascular disease) or	
	Diseases") or (MH "Heart Arrest+") or	(MM "Heart Failure")	and disease) or (cerebrovascular and	(CVD) or (cardiovascular*) or	
	or (MM "Coronary Disease") or (MM	"Myocardial Ischemia")	disease) or (cardiovascular*) or (	(isch?emic heart disease) or	
	or (MM "Angina, Stable") or (MM "M	yocardial Infarction")	isch?emic heart and disease) or (cardiac	(cardiac "near/2" event) or	
	or "ischaemic heart disease" or "cardio	vascular disease" or	w/2 events) or (stroke) or (mortality))	(cerebrovascular disease) or	
	"cardiovascular n2 (events or event or	risk)" or "major		(stroke) or (mortality)) (All Fields)	
	adverse cardiovascular events"				
	#4 (MM "Cerebrovascular Disorders")	or (MM "Carotid			
	Artery Diseases") or (MM "Cerebral Is	schemia") or (MM			
	"Stroke") or (MM "Hemorrhagic Strok	e") or (MM "Ischemic			
	Stroke") or (MM "Cerebral Infarction"	)			
	#5 (MM "Mortality") or (MM "Cause of	of Death")			
	#6	#3 OR #4 OR #5			
	#1 AND #2 AND #6		#1 AND #2 AND #3	#1 AND #2 AND #3	
	Limits: English language; Publication	period= "2003-Current"	Limits: English language; Publication	Limits: English language;	
			period= "2003-Current"	Publication period="2003-Current"	

## Supplemental File 2: Inclusion and Exclusion criteria **Table S1** Inclusion and exclusion criteria

	Inclusion	Exclusion
Population  Intervention	CVD was defined as diseases of the heart and/or blood vessels, including CHD, cerebrovascular disease, and peripheral artery disease. Female participants ≥18 years without CVD. Study authors must have reported sexspecific results or have data stratified according to sex to be eligible for inclusion.  The exposure was higher Mediterranean diet adherence as assessed by an <i>a priori</i> MDS. Points of	If the score/index was only reported as a combination
	zero or one were given based on the median intake of each diet component, where one point was assigned when the intake of favourable components (wholegrains, vegetables, fruits, legumes, nuts, and fish) was higher than the median intake of the cohort or when the intake of non-favourable components (meat, poultry, and dairy products) was lower than the median intake. For fat intake, a ratio of monounsaturated to saturated lipids was used. These points were summed, with the final score ranging from a total of zero (lowest adherence) to nine points (highest adherence). Studies that did not utilise the traditional MDS or its adaptations were only included if their MDS definition included all following key components: vegetables, fruits, legumes, nuts, wholegrains, fish, high intake of monounsaturated fats (and/or monounsaturated to saturated fat ratio and/or olive oil), and meat and meat products (or red and processed meats).	of MDS and other lifestyle- related factors (e.g., exercise program) Studies referring to components or food groups of the Mediterranean diet
Comparison	Lower Mediterranean diet adherence	
Outcome	<ol> <li>Incident CVD defined as: CHD, MI, stroke, heart failure, cardiovascular death, MACE, or MACC, or patient-reported CVD OR</li> <li>Total or all-cause mortality Results must include a risk estimate (i.e., odds ratio, relative risk, hazard ratio) and confidence intervals.</li> </ol>	
Study type	Randomised controlled trials and Prospective cohort studies	No grey literature and clinical registries

CVD cardiovascular disease; MDS Mediterranean diet score; CHD coronary heart disease; MI myocardial infarction; MACE major adverse cardiovascular events; MACC major adverse cardiac cerebrovascular events.

Supplemental File 3: Characteristics of Included Studies **Table S2** Table of characteristics for included studies

Study author, year (Study name, Country)	Recruitment period/Study duration (years)	Final cohort size (N); n female participants (Percentage of women (%))	Proportion of each cohort for the highest and lowest MD adherence	Age at baseline in years; mean [standard deviation]	MDS type/ Range	Outcome(s) reported	Adjusted risk estimate (95% CI), highest versus lowest (reference) MDS	Covariates included in the fully adjusted model
Strengers et al, 2021 (EPIC- Netherlands, Netherlands)	1993- 1997/median 15 [IQR 14- 16]	36,961 27,645 W (75%)	6,540 W (Highest) 8676 W (Lowest)	51 (median)	mMDS/ 0 to 9	Heart failure	HR =1.07 (0.83- 1.36) W HR =0.53 (0.33- 0.86) M	Age, education level, physical activity, smoking status, total energy intake
Jackson et al, 2020 (ALSWH, Australia)	1996- 2001/15 (maximum)	5,324 W (100%)	1,838 W (Highest) 1,286 W (Lowest)	45-50 (range); 52.4[1.5]	MDS/0 to 17	Overall Incident CVD	OR = 0.70 (0.50- 0.98) W	Age, birth country, BMI, education, energy, physical activity, socio- economic status, smoking
Shan et al, 2020 (NHS II, United States)	1989- 1991/26 (maximum)	90,864 W (100%)	15,951 W (Highest) 20,381 W (Lowest)	25-42 (range)	aMED/ 9 to 45	Overall Incident CVD	HR = 0.62 (0.53- 0.73) W	Age, alcohol, aspirin, BMI, family history of MI, living status, oral contraceptive use, marital status, menopause status, multivitamin, physical activity, smoking, race/ethnicity, energy intake

Table S2 (continued)

Study author, year (Study name, Country)	Recruitment period/Study duration (years)	Final cohort size (N); n female participants (Percentage of women (%))	Proportion of each cohort for the highest and lowest MD adherence	Age at baseline in years; mean [standard deviation]	MDS type/ Range	Outcome(s) reported	Adjusted risk estimate (95% CI), highest versus lowest (reference) MDS	Covariates included in the fully adjusted model
Ahmad et al, 2018 (WHS, United States)	1991- 1995/mean 11.6 [SD 1.5]	25,994 W (100%)	6,483 W (Highest) 10,140 W (Lowest)	>45; 54.7 [7.1]	MED score/0 to 9	Overall Incident CVD CHD Stroke	HR = 0.85 (0.71- 1.01) W HR = 0.89 (0.72- 1.11) W HR = 0.91 (0.67- 1.24) W	Age, energy intake, menopausal status, parental history of MI, physical activity, postmenopausal hormone use, treatment assignment, smoking
Galbete et al, 2018 (EPIC- Potsdam, Germany)	1994- 1998/mean 10.6	23,485 14,357 W (61.1%)	4,846 W (Highest) 3,952 W (Lowest)	35-65; 49.8[8.9	MedPyr score/0 to 15	MI	HR = 0.77 (0.45– 1.30) W HR = 0.87 (0.62– 1.22) M	Age, alcohol, BMI, cycling, education, total energy, prevalent hypertension, smoking status, sports, vitamin supplementation, waist circumference
Lemming et al, 2018 (Swedish Mammography Cohort, Sweden)	1987- 1990/median 17	33,341 W (100%)	6,965 W (Highest) 7,992 W (Lowest)	61 (median)	mMDS/ 0 to 9	CVD mortality	HR = 0.65 (0.52-0.83) W	Charlson's comorbidity index, education, energy intake, healthy Nordic food index diet score, living alone, physical activity, smoking

Table S2 (continued)

Study author, year (Study name, Country)	Recruitment period/Study duration (years)	Final cohort size (N); n female participants (Percentage of women (%))	Proportion of each cohort for the highest and lowest MD adherence	Age at baseline in years; mean [standard deviation]	MDS type/ Range	Outcome(s) reported	Adjusted risk estimate (95% CI), highest versus lowest (reference) MDS	Covariates included in the fully adjusted model
Neelakantan et al, 2018 (Singapore Chinese Health Study, Singapore)	1993- 1998/mean 17	57,168 31,958 W (55.9%)	6,539 W (Highest) 6,221 W (Lowest)	45-74 (range)	aMED/ 0 to 9	CVD mortality Total mortality	HR = 0.78 (0.67- 0.91) W HR = 0.77 (0.67- 0.88) M HR = 0.83 (0.76- 0.91) W HR = 0.78 (0.73- 0.84) M	Age, BMI, Chinese dialect, diabetes mellitus, hypertension, education, physical activity, sleep duration, smoking, energy intake
Harmon et al, 2015 (MEC, United States)	1993- 1996/13-18 (range)	156,804 86,634 W (55.2%)	20,459 W (Highest) 18,397 W (Lowest)	45-75 (range)	aMED/ 0 to 9	CVD mortality Total mortality	HR = 0.81 (0.74- 0.89) W HR = 0.79 (0.72- 0.86) M HR = 0.78 (0.74- 0.82) W HR = 0.76 (0.73- 0.80) M	Age, BMI, diabetes mellitus, educational level, energy intake, ethnicity, marital status, physical activity, postmenopausal hormone replacement therapy, smoking

Table S2 (continued)

Study author, year (Study name, Country)	Recruitment period/Study duration (years)	Final cohort size (N); n female participants (Percentage of women (%))	Proportion of each cohort for the highest and lowest MD adherence	Age at baseline in years; mean [standard deviation]	MDS type/ Range	Outcome(s) reported	Adjusted risk estimate (95% CI), highest versus lowest (reference) MDS	Covariates included in the fully adjusted model
George et al,	1993-	63,805 W	15,708 W	50-79 (range)	aMED/	CVD	HR = 0.79 (0.67-	Age, energy intake,
2014 (WHI, United States)	1998/median 12.9	(100%)	(Highest) 11,685 W		0 to 9	mortality	0.94) W	ethnicity, educational level, marital status,
·			(Lowest)			Total mortality	HR = 0.74 (0.68- 0.81) W	smoking, physical activity, postmenopausal hormone replacement therapy, BMI, and diabetes mellitus
Reedy et al, 2014 (NIH-	1995- 1996/15	492,923 182,342 W	44,474 W (Highest)	50-71 (range)	aMED/ 0 to 9	CVD mortality	HR = 0.78 (0.72- 0.84) W	Age, alcohol, BMI, diabetes mellitus,
AARP Diet and	(maximum)	(37%)	32,521 W				HR = 0.8 (0.76-	education, energy
Health Study, United States)			(Lowest)			Total mortality	0.84) M	intake, hormone replacement therapy,
omica states)						mortanty	HR = 0.76 (0.73-	marital status, physical
							0.79) W	activity, race/ethnicity
							HR = 0.77 (0.75 - 0.79) M	
							HR = 0.77 (0.75 -	,

Table S2 (continued)

Study author, year (Study name, Country)	Recruitment period/Study duration (years)	Final cohort size (N); n female participants (Percentage of women (%))	Proportion of each cohort for the highest and lowest MD adherence	Age at baseline in years; mean [standard deviation]	MDS type/ Range	Outcome(s) reported	Adjusted risk estimate (95% CI), highest versus lowest (reference) MDS	Covariates included in the fully adjusted model
Chan et al, 2013 (China)	2001- 2003/median 5.7	2,735 1,397 W (51.1%)	263 W (Highest) 509 W (Lowest)	≥65; 72.4[5.4]	tMDS/0 to 18	Stroke	HR = 0.72 (0.28- 1.87) W HR = 0.55 (0.31- 0.99) M	Age, alcohol use, BMI, community ladder, energy intake, Hong Kong ladder, community ladder, hypertension, physical activity scale for the elderly, smoking status
Dilis et al, 2012 (EPIC-Greece, Greece)	1994- 1999/median 10	23,929 14,189 W (59.3%)	N/A	20-86 (range)	tMDS/0 to 9	CHD CHD mortality	HR = 0.62 (0.39- 0.99) W HR = 0.9 (0.70- 1.16) M HR = 0.39 (0.17- 0.88) W HR = 0.62 (0.39- 0.98) M	Age, arterial blood pressure (normal or high), BMI, energy intake, physical activity, smoking, years of schooling

Table S2 (continued)

Study author, year (Study name, Country)	Recruitment period/Study duration (years)	Final cohort size (N); n female participants (Percentage of women (%))	Proportion of each cohort for the highest and lowest MD adherence	Age at baseline in years; mean [standard deviation]	MDS type/ Range	Outcome(s) reported	Adjusted risk estimate (95% CI), highest versus lowest (reference) MDS	Covariates included in the fully adjusted model
van den Brandt et al, 2011 (Netherlands Cohort Study, Netherlands)	1986/10 (maximum)	3,576 1,886 W (52.7%)	441 W (Highest) 632 W (Lowest)	55-69 (range)	aMED/ 0 to 9	Total mortality	HR = 0.69 (0.58- 0.82) W HR = 0.89 (0.74- 1.07) M	Age, BMI, smoking, energy intake, education, hypertension history, physical activity, cigarettes smoked per day, years of smoking
Buckland et al, 2009 (EPIC- Spain, Spain)	1992- 1996/mean 10.4	41,078 25,636 W (62.4%)	5,518 W (Highest) 6,501 W (Lowest)	29-69; 49.3[8.0]	rMDS/ 0 to 18	CHD	HR = 0.67 (0.39- 1.16) W HR = 0.58 (0.44- 0.76) M	BMI, diabetes mellitus, education, hyperlipidaemia, hypertension, physical activity, smoking status, total calorie intake
Fung et al, 2009 (NHS I, United States)	1976- 1984/20 (maximum)	74,886 W (100%)	N/A	38-63 (range)	aMED/ 0 to 9	CHD Stroke	RR = 0.71 (0.62– 0.82) W RR = 0.87 (0.73– 1.02) W	Age, alcohol, aspirin use, BMI, energy intake, family history, menopausal status, postmenopausal hormone use, multivitamin intake, physical activity, smoking status

Table S2 (continued)

Study author, year (Study name, Country)	Recruitment period/Study duration (years)	Final cohort size (N); n female participants (Percentage of women (%))	Proportion of each cohort for the highest and lowest MD adherence	Age at baseline in years; mean [standard deviation]	MDS type/ Range	Outcome(s) reported	Adjusted risk estimate (95% CI), highest versus lowest (reference) MDS	Covariates included in the fully adjusted model
Lagiou et al, 2006 (Scandinavian Women's Lifestyle and Health Cohort, Sweden)	1991-1992/ mean 12.01	42,237 W (100%)	9,453 W (Highest) 14,328 W (Lowest)	30-49 (range)	tMDS/0 to 9)	Total mortality	HR = 0.85 (0.67- 1.08) W	Age, BMI, education, egg intake, energy intake, height, non-alcoholic beverage intake, physical activity, polyunsaturated lipid intake, potato intake, smoking, sweet intake

W women, M men, CVD cardiovascular disease, CHD coronary heart disease, BMI body mass index, MI myocardial infarction, MDS Mediterranean Score, tMDS traditional Mediterranean diet score, aMED Alternate Mediterranean Score, rMed relative Mediterranean Score, mMDS modified Mediterranean Score, OR odds ratio, HR hazard ratio, RR relative risk, NHS Nurse's Health Study, EPIC European Prospective Investigation into Cancer and Nutrition, WHS Women's Health Study, WHI Women's Health Initiative, ALSWH Australian Longitudinal Study on Women's Health, MEC Multiethnic Cohort, IQR Interquartile Range, SD Standard Deviation, N/A not available.

Supplemental File 4: Quality of Included Studies

Table S3 Assessment of quality of study with the Newcastle-Ottawa Scale

	Selection				Comparability	Outcome			
	1	2	3	4	1	1	2	3	
	Representativeness	Selection of	Ascertainment	Demonstration	Comparability	Assessment	Was follow-	Adequacy	Total
	of the exposed	the non-	of exposure	that outcome	of cohorts on	of outcome	up long	of follow	quality
	cohort	exposed cohort		of interest was	the basis of the		enough for	up of	score
				not present at	design or		outcomes to	cohorts	
				start of study	analysis		occur		
Ahmad et		*		*	**	*	*		6
al, 2018									
D 11 1 .	*	*	*	*	*	*	*		
Buckland et	*	*	*	*	*	*	*		7
al, 2009		*		*	**	*	*		6
Chan et al, 2013		*		*		*			О
Dilis et al,	*	*	*	*	**	*	*		8
2012									0
Fung et al,		*		*	**	*	*		6
2009									
Galbete et	*	*		*	**	*	*		7
al, 2018									
George et	*	*		*	**	*	*	*	8
al, 2014									
Harmon et	*	*		*	**	*	*		7
al, 2015									

Table S3 (continued)

	Selection				Comparability	Outcome			
	1	2	3	4	1	1	2	3	
	Representativeness of the exposed cohort	Selection of the non- exposed cohort	Ascertainment of exposure	Demonstration that outcome of interest was not present at start of study	Comparability of cohorts on the basis of the design or analysis	Assessment of outcome	Was follow- up long enough for outcomes to occur	Adequacy of follow up of cohorts	Total quality score
Jackson et al, 2020	*	*		*	**		*		6
Lagiou et al, 2006	*	*		*	**	*	*		7
Lemming et al, 2018		*		*	*	*	*		5
Neelakantan et al, 2018	*	*	*	*	**	*	*		8
Reedy et al, 2014		*		*	**	*	*		6
Shan et al, 2020		*		*	**	*	*	*	7
Strengers et al, 2021	*	*		*	**	*	*		7
van den Brandt et al, 2011	*	*		*	**	*	*	*	8

Assessment based on the Newcastle-Ottawa Scale, with scores ranging from 0 to 9. Points to studies were given according to three domains: selection (maximum of four points), outcome (maximum three points), and comparability (maximum of two points). Studies receiving 7-9 were considered high quality, 4-6 were considered as moderate quality, and 0-3 were considered as low quality. One point was awarded in the Comparability domain if the study was controlled for age as the most important factor and a second point for any additional factors. One point was awarded for 'Was follow-up long enough for outcomes to occur' if the follow-up duration was more than five years.

## Supplemental File 5: Subgroup analyses

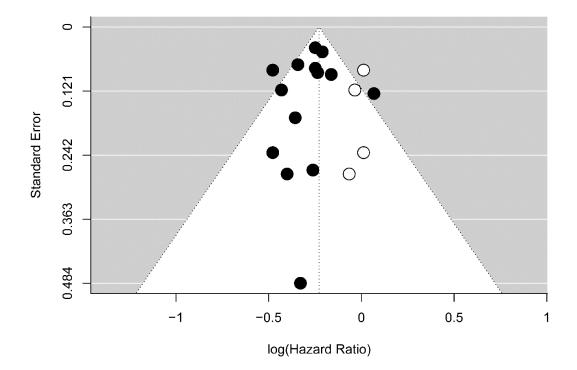
Author(s), Year	Ethnicity	Statistics for fe				
		Cohort size	Total events		Weight	HR [95% CI]
Buckland et al, 2009	Spain	25636	126	<b>-</b>	13.8%	0.67 [0.39, 1.16]
Dilis et al, 2012	Greece	14189	210	<b>—</b>	16.6%	0.62 [0.39, 0.99]
Galbete et al, 2018	Germany	14357	94	<b></b>	14.3%	0.77 [0.45, 1.31]
Lemming et al, 2018	Sweden	33341	3003	⊢■⊣	28.0%	0.65 [0.51, 0.82]
Strengers et al, 2021	Netherlands	27645	489	H	27.3%	1.07 [0.84, 1.37]
RE Model (Q = 9.86, df	= 4, p test for het	erogeneity = 0.04;	•		0.76 [0.59, 0.98]	
		Favours Higher Me	0.2 diterranean Diet A	1 5 dherence Favours Lower M	lediterranean Diet Ad	lherence

**Figure S1** Forest plot of pooled hazard ratios (HRs) of incident CVD for female participants of European descent (n= 5) using random effects model. *HR* hazard ratio. *CVD* cardiovascular disease. *RE* random effects.

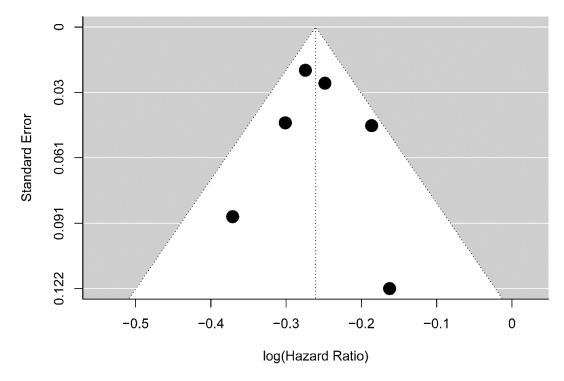
Author(s), Year	Ethnicity	Statistics for female participants from each study						
		Cohort size	Total events		Weight	HR [95% CI]		
Chan et al, 2013	Hong Kong Chinese	1397	60	<b> </b>	0.9%	0.72 [0.28, 1.86]		
Harmon etal, 2015	Japanese American	24785	1256	├ <b>■</b> ┤	22.6%	0.72 [0.59, 0.87]		
Harmon etal, 2015	Native Hawaiian	6368	440	- <del>-</del> -	7.9%	1.00 [0.72, 1.39]		
Harmon etal, 2015	African American	16072	1771	<b>├</b> ■-	32.1%	0.82 [0.70, 0.97]		
Neelakantan et al, 2018	Singapore Chinese	31958	2208	H	36.4%	0.78 [0.67, 0.91]		
RE Model (Q = 3.11, df =	4, p test for heterogene	eity = $0.54$ ; $I^2 = 0.0$	0%)	•		0.79 [0.72, 0.87]		
		Favours Higher	Mediterranean Die	0.2 1 t Adherence Favours I	5 Lower Mediterrane	an Diet Adherence		

**Figure S2** Forest plot of pooled hazard ratios (HRs) of incident CVD for female participants of non-European descent (Hong Kong Chinese, Japanese, Native Haiiwaiian, African American, Singapore Chinese) (n= 5) using random effects model. *HR* hazard ratio. *CVD* cardiovascular disease. *RE* random effects.

Supplemental File 6: Funnel plot of standard error by log of hazard ratios



**Figure S3** Funnel plot for assessment of publication bias in the meta-analysis on association between Mediterranean diet adherence and incident CVD in female participants. P for Egger's test = 0.55.



**Figure S4** Funnel plot for assessment of publication bias in the meta-analysis on association between Mediterranean diet adherence and total mortality in female participants. P for Egger's test = 0.93.