

## Observational results: major adverse cardiac events

Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup
2	Virtanen 2008 19064523	Health Professional Follow-up Study	MACE	Total CVD included fatal or nonfatal myocardial infarction and fatal or nonfatal stroke	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men
3	Virtanen 2008 19064523	Health Professional Follow-up Study	MACE	Total CVD included fatal or nonfatal myocardial infarction and fatal or nonfatal stroke	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men
4	Virtanen 2008 19064523	Health Professional Follow-up Study	MACE	Total CVD included fatal or nonfatal myocardial infarction and fatal or nonfatal stroke	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men
5	Virtanen 2008 19064523	Health Professional Follow-up Study	MACE	Total CVD included fatal or nonfatal myocardial infarction and fatal or nonfatal stroke	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men
6	Virtanen 2008 19064523	Health Professional Follow-up Study	MACE	Total CVD included fatal or nonfatal myocardial infarction and fatal or nonfatal stroke	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men
7	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
8	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
9	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
10	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
11	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
12	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
13	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
14	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
15	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
16	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
17	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
18	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
19	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
20	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
21	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
22	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All

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Row	Study PMID	Cases Total/N Total (Rate %)	Followup	n3 FA	n3 measure	Supplement
2	Virtanen 2008 19064523	3639/40230 (9.05)	18 y	EPA+DHA	Intake	No
3	Virtanen 2008 19064523	3639/40230 (9.05)	18 y	EPA+DHA	Intake	No
4	Virtanen 2008 19064523	3639/40230 (9.05)	18 y	EPA+DHA	Intake	No
5	Virtanen 2008 19064523	3639/40230 (9.05)	18 y	EPA+DHA	Intake	No
6	Virtanen 2008 19064523	3639/40230 (9.05)	18 y	EPA+DHA	Intake	No
7	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	ALA	Intake	Yes
8	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	ALA	Intake	Yes
9	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	ALA	Intake	Yes
10	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	ALA	Intake	Yes
11	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	ALA	Intake	Yes
12	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	EPA+DHA+DPA	Intake	Yes
13	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	EPA+DHA+DPA	Intake	Yes
14	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	EPA+DHA+DPA	Intake	Yes
15	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	EPA+DHA+DPA	Intake	Yes
16	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	EPA+DHA+DPA	Intake	Yes
17	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	All n-3	Intake	Yes
18	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	All n-3	Intake	Yes
19	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	All n-3	Intake	Yes
20	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	All n-3	Intake	Yes
21	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	All n-3	Intake	Yes
22	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	ALA	Intake	Yes

## Observational results: major adverse cardiac events

Row	Study PMID	Adjustments	Quantile	n3 units	Quantile low	Quantile median	Quantile high
2	Virtanen 2008 19064523	Age, BMI, physical activity, smoking status, hx hypertension, hx diabetes, hx hypercholesterolemia, first-degree family history of myocardial infarction before age 60y, first-degree family history of colon cancer, and aspirin use	Q1	g/d	0	nd	<0.05
3	Virtanen 2008 19064523	Age, BMI, physical activity, smoking status, hx hypertension, hx diabetes, hx hypercholesterolemia, first-degree family history of myocardial infarction before age 60y, first-degree family history of colon cancer, and aspirin use	Q2	g/d	0.05	nd	<0.2
4	Virtanen 2008 19064523	Age, BMI, physical activity, smoking status, hx hypertension, hx diabetes, hx hypercholesterolemia, first-degree family history of myocardial infarction before age 60y, first-degree family history of colon cancer, and aspirin use	Q3	g/d	0.2	nd	<0.4
5	Virtanen 2008 19064523	Age, BMI, physical activity, smoking status, hx hypertension, hx diabetes, hx hypercholesterolemia, first-degree family history of myocardial infarction before age 60y, first-degree family history of colon cancer, and aspirin use	Q4	g/d	0.4	nd	<0.6
6	Virtanen 2008 19064523	Age, BMI, physical activity, smoking status, hx hypertension, hx diabetes, hx hypercholesterolemia, first-degree family history of myocardial infarction before age 60y, first-degree family history of colon cancer, and aspirin use	Q5	g/d	0.6	nd	>=0.6
7	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q1	% kcal	nd	0.52	nd
8	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q2	% kcal	nd	0.63	nd
9	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q3	% kcal	nd	0.72	nd
10	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q4	% kcal	nd	0.82	nd
11	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q5	% kcal	nd	0.99	nd
12	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q1	% kcal	nd	0.07	nd
13	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q2	% kcal	nd	0.13	nd
14	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q3	% kcal	nd	0.19	nd
15	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q4	% kcal	nd	0.3	nd
16	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q5	% kcal	nd	0.53	nd
17	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q1	% kcal	nd	0.68	nd
18	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q2	% kcal	nd	0.83	nd
19	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q3	% kcal	nd	0.96	nd
20	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q4	% kcal	nd	1.1	nd
21	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	Q5	% kcal	nd	1.37	nd
22	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	All	Per 1 E% increase PUFA intake	nd	nd	nd

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Row	Study PMID	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
2	Virtanen 2008 19064523	RR	163	nd	27310	Reference group			p trend	0.63
3	Virtanen 2008 19064523	RR	1245	nd	220099	0.95	0.8	1.12		
4	Virtanen 2008 19064523	RR	1340	nd	248273	0.87	0.74	1.03		
5	Virtanen 2008 19064523	RR	514	nd	94878	0.82	0.69	0.98		
6	Virtanen 2008 19064523	RR	377	nd	54437	0.99	0.82	1.19		
7	Hellstrand 2014 25008580	HR	nd	4806	nd	Reference group				nd
8	Hellstrand 2014 25008580	HR	nd	4807	nd	0.93	0.82	1.06		
9	Hellstrand 2014 25008580	HR	nd	4806	nd	1.04	0.92	1.17		
10	Hellstrand 2014 25008580	HR	nd	4807	nd	0.97	0.85	1.09		
11	Hellstrand 2014 25008580	HR	nd	4806	nd	0.98	0.87	1.11		
12	Hellstrand 2014 25008580	HR	nd	4806	nd	Reference group				nd
13	Hellstrand 2014 25008580	HR	nd	4807	nd	0.96	0.85	1.1		
14	Hellstrand 2014 25008580	HR	nd	4806	nd	1.01	0.89	1.15		
15	Hellstrand 2014 25008580	HR	nd	4807	nd	1	0.88	1.13		
16	Hellstrand 2014 25008580	HR	nd	4806	nd	1	0.86	1.14		
17	Hellstrand 2014 25008580	HR	nd	4806	nd	Reference group				nd
18	Hellstrand 2014 25008580	HR	nd	4807	nd	0.97	0.85	1.1		
19	Hellstrand 2014 25008580	HR	nd	4806	nd	1.02	0.9	1.15		
20	Hellstrand 2014 25008580	HR	nd	4807	nd	1.05	0.93	1.19		
21	Hellstrand 2014 25008580	HR	nd	4806	nd	1	0.88	1.13		
22	Hellstrand 2014 25008580	HR	nd	NA	NA	1.07	0.89	1.29		

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Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup
23	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
24	Hellstrand 2014 25008580	Malmö Diet and Cancer	MACE	Incident coronary event or ischemic stroke	Healthy	Healthy, Swedish, 44-74 y.	All
25	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All
26	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All
27	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All
28	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All
29	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All
30	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All
31	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All
32	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All
33	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All
34	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All
35	Matsumoto 2013 23098619	Physician's Health Study	MACE	nonfatal MI, fatal MI, percutaneous transluminal coronary angioplasty, coronary artery bypass graft, coronary death, and sudden death	Healthy	US male physicians	Men
36	Matsumoto 2013 23098619	Physician's Health Study	MACE	nonfatal MI, fatal MI, percutaneous transluminal coronary angioplasty, coronary artery bypass graft, coronary death, and sudden death	Healthy	US male physicians	Men
37	Matsumoto 2013 23098619	Physician's Health Study	MACE	nonfatal MI, fatal MI, percutaneous transluminal coronary angioplasty, coronary artery bypass graft, coronary death, and sudden death	Healthy	US male physicians	Men
38	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All

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Row	Study PMID	Cases Total/N Total (Rate %)	Followup	n3 FA	n3 measure	Supplement
23	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	EPA+DHA+DPA	Intake	Yes
24	Hellstrand 2014 25008580	2648/24032 (11.02)	14 y	All n-3	Intake	Yes
25	Itakura 2011 21099130	nd/15534 (nd)	4.6 y	EPA	Plasma	0.5
26	Itakura 2011 21099130	nd/15534 (nd)	4.6 y	EPA	Plasma	0.5
27	Itakura 2011 21099130	nd/15534 (nd)	4.6 y	EPA	Plasma	0.5
28	Itakura 2011 21099130	nd/15534 (nd)	4.6 y	EPA	Plasma	0.5
29	Itakura 2011 21099130	nd/15534 (nd)	4.6 y	EPA	Plasma	0.5
30	Itakura 2011 21099130	nd/15534 (nd)	4.6 y	EPA	Plasma	0.5
31	Itakura 2011 21099130	nd/15534 (nd)	4.6 y	EPA	Plasma	0.5
32	Itakura 2011 21099130	nd/15534 (nd)	4.6 y	EPA	Plasma	0.5
33	Itakura 2011 21099130	nd/15534 (nd)	4.6 y	DHA	Plasma	0.5
34	Itakura 2011 21099130	nd/15534 (nd)	4.6 y	DHA	Plasma	0.5
35	Matsumoto 2013 23098619	1000/2000 (50)	nd	SDA	Erythrocyte (log NA measure)	
36	Matsumoto 2013 23098619	1000/2000 (50)	nd	ALA	Erythrocyte (log NA measure)	
37	Matsumoto 2013 23098619	1000/2000 (50)	nd	EPA+DHA+DPA	Erythrocyte (log NA measure)	
38	Itakura 2011 21099130	nd/15534 (d)	4.6 y	EPA	Plasma	0.5

## Observational results: major adverse cardiac events

Row	Study PMID	Adjustments	Quantile	n3 units	Quantile low	Quantile median	Quantile high
23	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	All	Per 1 E% increase PUFA intake	nd	nd	nd
24	Hellstrand 2014 25008580	age, sex, BMI, diet assessment method version, season, total energy intake, alcohol intake, leisure time physical activity, education, and smoking	All	Per 1 E% increase PUFA intake	nd	nd	nd
25	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	<Median	mcg/mL	nd	nd	133
26	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	>Median		133	nd	nd
27	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	Lower, by threshold	mcg/mL	nd	nd	100
28	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	≥100 mcg/mL		100	nd	nd
29	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	Lower, by threshold	mcg/mL	nd	nd	150
30	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	≥150 mcg/mL		150	nd	nd
31	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	Lower, by threshold	mcg/mL	nd	nd	200
32	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	≥200 mcg/mL		200	nd	nd
33	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	Lower, by threshold	mcg/mL	nd	nd	160
34	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	Upper, by threshold		160	nd	nd
35	Matsumoto 2013 23098619	matching factors and BMI, smoking status, exercise level, alcohol consumption, history of hypertension, history of diabetes, and history of hypercholesterolemia	All	Per SD increase	nd	nd	nd
36	Matsumoto 2013 23098619	matching factors and BMI, smoking status, exercise level, alcohol consumption, history of hypertension, history of diabetes, and history of hypercholesterolemia	All	Per SD increase	nd	nd	nd
37	Matsumoto 2013 23098619	matching factors and BMI, smoking status, exercise level, alcohol consumption, history of hypertension, history of diabetes, and history of hypercholesterolemia	All	Per SD increase	nd	nd	nd
38	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	Qr1	mcg/mL	nd	nd	86

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Row	Study PMID	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
23	Hellstrand 2014 25008580	HR	nd	NA	NA	0.97	0.82	1.16		
24	Hellstrand 2014 25008580	HR	nd	NA	NA	1.02	0.9	1.15		
25	Itakura 2011 21099130	HR	nd	nd	nd	Reference group				
26	Itakura 2011 21099130	HR	nd	nd	nd	0.83	0.68	0.99		0.049
27	Itakura 2011 21099130	HR	nd	nd	nd	Reference group				
28	Itakura 2011 21099130	HR	nd	nd	nd	0.87	0.72	1.03		0.11
29	Itakura 2011 21099130	HR	nd	nd	nd	Reference group				
30	Itakura 2011 21099130	HR	nd	nd	nd	0.82	0.68	0.98		0.032
31	Itakura 2011 21099130	HR	nd	nd	nd	Reference group				
32	Itakura 2011 21099130	HR	nd	nd	nd	0.78	0.69	0.99		0.043
33	Itakura 2011 21099130	HR	nd	nd	nd	Reference group				
34	Itakura 2011 21099130	HR	nd	nd	nd	0.92	0.76	1.13		0.429
35	Matsumoto 2013 23098619	OR	1000	nd	nd	1.03	0.9	1.18		
36	Matsumoto 2013 23098619	OR	1000	nd	nd	1.04	0.94	1.16		
37	Matsumoto 2013 23098619	OR	1000	nd	nd	0.97	0.88	1.07		
38	Itakura 2011 21099130	OR	nd	nd	nd	Reference group				nd



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Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup
39	Matsumoto 2013 23098619	Physician's Health Study	MACE	nonfatal MI, fatal MI, percutaneous transluminal coronary angioplasty, coronary artery bypass graft, coronary death, and sudden death	Healthy	US male physicians	Men
40	Matsumoto 2013 23098619	Physician's Health Study	MACE	nonfatal MI, fatal MI, percutaneous transluminal coronary angioplasty, coronary artery bypass graft, coronary death, and sudden death	Healthy	US male physicians	Men
41	Morris 1995 7598116	Physician's Health Study	MACE	nonfatal MI, nonfatal stroke, and CV death	Healthy	US male physicians	Men
42	Morris 1995 7598116	Physician's Health Study	MACE	nonfatal MI, nonfatal stroke, and CV death	Healthy	US male physicians	Men
43	Morris 1995 7598116	Physician's Health Study	MACE	nonfatal MI, nonfatal stroke, and CV death	Healthy	US male physicians	Men
44	Morris 1995 7598116	Physician's Health Study	MACE	nonfatal MI, nonfatal stroke, and CV death	Healthy	US male physicians	Men
45	Morris 1995 7598116	Physician's Health Study	MACE	nonfatal MI, nonfatal stroke, and CV death	Healthy	US male physicians	Men
46	Strom 2012 22146511	Danish National Birth Cohort	MACE	cerebrovascular, ischemic heart disease, hypertensive disease hospitalization	Healthy	Pregnant women with mean age of 29.9	Women
47	Strom 2012 22146511	Danish National Birth Cohort	MACE	cerebrovascular, ischemic heart disease, hypertensive disease hospitalization	Healthy	Pregnant women with mean age of 29.9	Women
48	Strom 2012 22146511	Danish National Birth Cohort	MACE	cerebrovascular, ischemic heart disease, hypertensive disease hospitalization	Healthy	Pregnant women with mean age of 29.9	Women
49	Strom 2012 22146511	Danish National Birth Cohort	MACE	cerebrovascular, ischemic heart disease, hypertensive disease hospitalization	Healthy	Pregnant women with mean age of 29.9	Women
50	Strom 2012 22146511	Danish National Birth Cohort	MACE	cerebrovascular, ischemic heart disease, hypertensive disease hospitalization	Healthy	Pregnant women with mean age of 29.9	Women
51	Strom 2012 22146511	Danish National Birth Cohort	MACE	cerebrovascular, ischemic heart disease, hypertensive disease hospitalization	Healthy	Pregnant women with mean age of 29.9	Women
52	Woodward 2011 21345851	Scottish Heart Health Extended Cohort Study	MACE	Cardiovascular death, CHD, cerebrovascular disease, coronary artery bypass graft, or percutaneous coronary angioplasty	Healthy	People in Scotland aged 40-59 years free of CVD at baseline	All
53	Woodward 2011 21345851	Scottish Heart Health Extended Cohort Study	MACE	Cardiovascular death, CHD, cerebrovascular disease, coronary artery bypass graft, or percutaneous coronary angioplasty	Healthy	People in Scotland aged 40-59 years free of CVD at baseline	All
54	Woodward 2011 21345851	Scottish Heart Health Extended Cohort Study	MACE	Cardiovascular death, CHD, cerebrovascular disease, coronary artery bypass graft, or percutaneous coronary angioplasty	Healthy	People in Scotland aged 40-59 years free of CVD at baseline	All
55	Woodward 2011 21345851	Scottish Heart Health Extended Cohort Study	MACE	Cardiovascular death, CHD, cerebrovascular disease, coronary artery bypass graft, or percutaneous coronary angioplasty	Healthy	People in Scotland aged 40-59 years free of CVD at baseline	All
56	Woodward 2011 21345851	Scottish Heart Health Extended Cohort Study	MACE	Cardiovascular death, CHD, cerebrovascular disease, coronary artery bypass graft, or percutaneous coronary angioplasty	Healthy	People in Scotland aged 40-59 years free of CVD at baseline	All
57	Woodward 2011 21345851	Scottish Heart Health Extended Cohort Study	MACE	Cardiovascular death, CHD, cerebrovascular disease, coronary artery bypass graft, or percutaneous coronary angioplasty	Healthy	People in Scotland aged 40-59 years free of CVD at baseline	All

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Row	Study PMID	Cases Total/N Total (Rate %)	Followup	n3 FA	n3 measure	Supplement
39	Matsumoto 2013 23098619	1000/2000 ()	nd	DPA	Erythrocyte (log NA measure)	
40	Matsumoto 2013 23098619	1000/2000 ()	nd	DHA	Erythrocyte (log NA measure)	
41	Morris 1995 7598116	525/21185 (2.48)	4 y	All n-3	Intake	Explicitly excluded fish oil supplements
42	Morris 1995 7598116	525/21185 (2.48)	4 y	All n-3	Intake	Explicitly excluded fish oil supplements
43	Morris 1995 7598116	525/21185 (2.48)	4 y	All n-3	Intake	Explicitly excluded fish oil supplements
44	Morris 1995 7598116	525/21185 (2.48)	4 y	All n-3	Intake	Explicitly excluded fish oil supplements
45	Morris 1995 7598116	525/21185 (2.48)	4 y	All n-3	Intake	Explicitly excluded fish oil supplements
46	Strom 2012 22146511	577/48627 (1.19)	12 y	All n-3	Intake	No
47	Strom 2012 22146511	577/48627 (1.19)	12 y	All n-3	Intake	No
48	Strom 2012 22146511	577/48627 (1.19)	12 y	All n-3	Intake	No
49	Strom 2012 22146511	577/48627 (1.19)	12 y	All n-3	Intake	No
50	Strom 2012 22146511	577/48627 (1.19)	12 y	All n-3	Intake	No
51	Strom 2012 22146511	577/48627 (1.19)	12 y	All n-3	Intake	No
52	Woodward 2011 21345851	870/3944 (22.06)	19.5 (median)	DPA	Adipose tissue	Yes
53	Woodward 2011 21345851	870/3944 (22.06)	19.5 (median)	DPA	Adipose tissue	Yes
54	Woodward 2011 21345851	870/3944 (22.06)	19.5 (median)	DPA	Adipose tissue	Yes
55	Woodward 2011 21345851	870/3944 (22.06)	19.5 (median)	DPA	Adipose tissue	Yes
56	Woodward 2011 21345851	870/3944 (22.06)	19.5 (median)	DHA	Adipose tissue	Yes
57	Woodward 2011 21345851	870/3944 (22.06)	19.5 (median)	DHA	Adipose tissue	Yes

## Observational results: major adverse cardiac events

Row	Study PMID	Adjustments	Quantile	n3 units	Quantile low	Quantile median	Quantile high
39	Matsumoto 2013 23098619	matching factors and BMI, smoking status, exercise level, alcohol consumption, history of hypertension, history of diabetes, and history of hypercholesterolemia	All	Per SD increase	nd	nd	nd
40	Matsumoto 2013 23098619	matching factors and BMI, smoking status, exercise level, alcohol consumption, history of hypertension, history of diabetes, and history of hypercholesterolemia	All	Per SD increase	nd	nd	nd
41	Morris 1995 7598116	age, aspirin and beta-carotene assignment, smoking, alcohol consumption, obesity, diabetes, vigorous exercise, parental history of MI before age 60 years, history of hypertension, history of hypercholesterolemia, vitamin supplement use, and saturated fat intake	T1	g/wk	<0.5	nd	nd
42	Morris 1995 7598116	age, aspirin and beta-carotene assignment, smoking, alcohol consumption, obesity, diabetes, vigorous exercise, parental history of MI before age 60 years, history of hypertension, history of hypercholesterolemia, vitamin supplement use, and saturated fat intake	T2	g/wk	0.5	nd	1
43	Morris 1995 7598116	age, aspirin and beta-carotene assignment, smoking, alcohol consumption, obesity, diabetes, vigorous exercise, parental history of MI before age 60 years, history of hypertension, history of hypercholesterolemia, vitamin supplement use, and saturated fat intake	T3	g/wk	1	nd	1.7
44	Morris 1995 7598116	age, aspirin and beta-carotene assignment, smoking, alcohol consumption, obesity, diabetes, vigorous exercise, parental history of MI before age 60 years, history of hypertension, history of hypercholesterolemia, vitamin supplement use, and saturated fat intake	T4	g/wk	1.7	nd	2.3
45	Morris 1995 7598116	age, aspirin and beta-carotene assignment, smoking, alcohol consumption, obesity, diabetes, vigorous exercise, parental history of MI before age 60 years, history of hypertension, history of hypercholesterolemia, vitamin supplement use, and saturated fat intake	T5	g/wk	nd	nd	>=2.3
46	Strom 2012 22146511	nd	Lowest 3%	g/d	nd	nd	nd
47	Strom 2012 22146511	nd	Q1	g/d	nd	0.13	nd
48	Strom 2012 22146511	nd	Q2	g/d	nd	0.21	nd
49	Strom 2012 22146511	nd	Q3	g/d	nd	0.31	nd
50	Strom 2012 22146511	nd	Q4	g/d	nd	0.45	nd
51	Strom 2012 22146511	nd	Q5	g/d	nd	0.73	nd
52	Woodward 2011 21345851	sex, age, total serum cholesterol, HDL-cholesterol, systolic blood pressure, history of taking blood pressure medication, cigarettes smoked per day, diabetes, sex, family history of coronary disease and socio-economic status	Qr1	mmol/L	nd	nd	nd
53	Woodward 2011 21345851	sex, age, total serum cholesterol, HDL-cholesterol, systolic blood pressure, history of taking blood pressure medication, cigarettes smoked per day, diabetes, sex, family history of coronary disease and socio-economic status	Qr2	mmol/L	nd	nd	nd
54	Woodward 2011 21345851	sex, age, total serum cholesterol, HDL-cholesterol, systolic blood pressure, history of taking blood pressure medication, cigarettes smoked per day, diabetes, sex, family history of coronary disease and socio-economic status	Qr3	mmol/L	nd	nd	nd
55	Woodward 2011 21345851	sex, age, total serum cholesterol, HDL-cholesterol, systolic blood pressure, history of taking blood pressure medication, cigarettes smoked per day, diabetes, sex, family history of coronary disease and socio-economic status	Qr4	mmol/L	nd	nd	nd
56	Woodward 2011 21345851	sex, age, total serum cholesterol, HDL-cholesterol, systolic blood pressure, history of taking blood pressure medication, cigarettes smoked per day, diabetes, sex, family history of coronary disease and socio-economic status	Qr1	mmol/L	nd	nd	nd
57	Woodward 2011 21345851	sex, age, total serum cholesterol, HDL-cholesterol, systolic blood pressure, history of taking blood pressure medication, cigarettes smoked per day, diabetes, sex, family history of coronary disease and socio-economic status	Qr2	mmol/L	nd	nd	nd

## Observational results: major adverse cardiac events

Row	Study PMID	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
39	Matsumoto 2013 23098619	OR	1000	nd	nd	0.96	0.87	1.06		
40	Matsumoto 2013 23098619	OR	1000	nd	nd	0.96	0.9	1.1		
41	Morris 1995 7598116	RR	97	4335	nd	1				0.63
42	Morris 1995 7598116	RR	112	4134	nd	1.3	1	1.8		
43	Morris 1995 7598116	RR	133	4691	nd	1.3	1	1.7		
44	Morris 1995 7598116	RR	85	4075	nd	0.9	0.7	1.3		
45	Morris 1995 7598116	RR	98	3950	nd	1.1	0.8	1.5		
46	Strom 2012 22146511	HR	3	1446	nd	1.91	1.26	2.89		
47	Strom 2012 22146511	HR	99	9407	nd	Reference group				
48	Strom 2012 22146511	HR	115	9509	nd	1.17	0.89	1.52		
49	Strom 2012 22146511	HR	99	9517	nd	1.16	0.76	1.33		
50	Strom 2012 22146511	HR	113	9521	nd	1.12	0.85	1.47	Overall Test for trend	0.023
51	Strom 2012 22146511	HR	122	9227	nd	1.26	0.96	1.65	Overall Chi square test of result	0.035
52	Woodward 2011 21345851	HR	nd	nd	nd	Reference group			Linear	0.02
53	Woodward 2011 21345851	HR	nd	nd	nd	0.91	0.75	1.11	Quadratic	0.03
54	Woodward 2011 21345851	HR	nd	nd	nd	0.85	0.7	1.04		
55	Woodward 2011 21345851	HR	nd	nd	nd	0.77	0.63	0.95		
56	Woodward 2011 21345851	HR	nd	nd	nd	Reference group			Linear	0.03
57	Woodward 2011 21345851	HR	nd	nd	nd	0.86	0.71	1.04	Quadratic	0.0006

## Observational results: major adverse cardiac events

Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup
58	Woodward 2011 21345851	Scottish Heart Health Extended Cohort Study	MACE	Cardiovascular death, CHD, cerebrovascular disease, coronary artery bypass graft, or percutaneous coronary angioplasty	Healthy	People in Scotland aged 40-59 years free of CVD at baseline	All
59	Woodward 2011 21345851	Scottish Heart Health Extended Cohort Study	MACE	Cardiovascular death, CHD, cerebrovascular disease, coronary artery bypass graft, or percutaneous coronary angioplasty	Healthy	People in Scotland aged 40-59 years free of CVD at baseline	All
60	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All
61	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All
62	Itakura 2011 21099130	JELIS	MACE	sudden cardiac death, fatal or nonfatal MI, unstable angina pectoris, and angioplasty/stenting or CABG	At risk	Patients with hypercholesterolemia on a low-dose statin	All
63	Matsumoto 2013 23098619	Physician's Health Study	MACE	nonfatal MI, fatal MI, percutaneous transluminal coronary angioplasty, coronary artery bypass graft, coronary death, and sudden death	Healthy	US male physicians	Men
64	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
65	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
66	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
67	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
68	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
69	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
70	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
71	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
72	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
73	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
74	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All

## Observational results: major adverse cardiac events

Row	Study PMID	Cases Total/N Total (Rate %)	Followup	n3 FA	n3 measure	Supplement
58	Woodward 2011 21345851	870/3944 (22.06)	19.5 (median)	DHA	Adipose tissue	Yes
59	Woodward 2011 21345851	870/3944 (22.06)	19.5 (median)	DHA	Adipose tissue	Yes
60	Itakura 2011 21099130	nd/15534 (nd)	4.6 y	EPA	Plasma	0.5
61	Itakura 2011 21099130	nd/15534 (nd)	4.6 y	EPA	Plasma	0.5
62	Itakura 2011 21099130	nd/15534 (nd)	4.6 y	EPA	Plasma	0.5
63	Matsumoto 2013 23098619	1000/2000 (50)	nd	EPA	Erythrocyte (log NA measure)	
64	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	DPA	Phospholipid	No
65	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	DPA	Phospholipid	No
66	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	DPA	Phospholipid	No
67	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	DPA	Phospholipid	No
68	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	DHA	Phospholipid	No
69	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	DHA	Phospholipid	No
70	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	DHA	Phospholipid	No
71	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	DHA	Phospholipid	No
72	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	EPA+DHA+DPA	Phospholipid	No
73	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	EPA+DHA+DPA	Phospholipid	No
74	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	EPA+DHA+DPA	Phospholipid	No

## Observational results: major adverse cardiac events

Row	Study PMID	Adjustments	Quantile	n3 units	Quantile low	Quantile median	Quantile high
58	Woodward 2011 21345851	sex, age, total serum cholesterol, HDL-cholesterol, systolic blood pressure, history of taking blood pressure medication, cigarettes smoked per day, diabetes, sex, family history of coronary disease and socio-economic status	Qr3	mmol/L	nd	nd	nd
59	Woodward 2011 21345851	sex, age, total serum cholesterol, HDL-cholesterol, systolic blood pressure, history of taking blood pressure medication, cigarettes smoked per day, diabetes, sex, family history of coronary disease and socio-economic status	Qr4	mmol/L	nd	nd	nd
60	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	Qr2	mcg/mL	87	nd	99
61	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	Qr3	mcg/mL	100	nd	149
62	Itakura 2011 21099130	age; sex; smoking; history of CAD, DM, HTN; use of drugs for CAD; on-treatment plasma fatty acid concentrations	Qr4	mcg/mL	150	nd	nd
63	Matsumoto 2013 23098619	matching factors and BMI, smoking status, exercise level, alcohol consumption, history of hypertension, history of diabetes, and history of hypercholesterolemia	All	Per SD increase	nd	nd	nd
64	de Oliveira 2013 24351702	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr1	% FA	nd	0.72	nd
65	de Oliveira 2013 24351702	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr2	% FA	nd	0.88	nd
66	de Oliveira 2013 24351702	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr3	% FA	nd	1.01	nd
67	de Oliveira 2013 24351702	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr4	% FA	nd	1.21	nd
68	de Oliveira 2013 24351702	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr1	% FA	nd	2.5	nd
69	de Oliveira 2013 24351702	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr2	% FA	nd	3.5	nd
70	de Oliveira 2013 24351702	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr3	% FA	nd	4.5	nd
71	de Oliveira 2013 24351702	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr4	% FA	nd	6	nd
72	de Oliveira 2013 24351702	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr1	% FA	nd	3.9	nd
73	de Oliveira 2013 24351702	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr2	% FA	nd	5	nd
74	de Oliveira 2013 24351702	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr3	% FA	nd	6.3	nd

## Observational results: major adverse cardiac events

Row	Study PMID	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
58	Woodward 2011 21345851	HR	nd	nd	nd	0.75	0.62	0.92		
59	Woodward 2011 21345851	HR	nd	nd	nd	0.76	0.62	0.93		
60	Itakura 2011 21099130	HR	nd	nd	nd	0.98	0.7	1.36		
61	Itakura 2011 21099130	HR	nd	nd	nd	0.95	0.76	1.2		
62	Itakura 2011 21099130	HR	nd	nd	nd	0.8	0.64	0.99		
63	Matsumoto 2013 23098619	OR	1000	nd	nd	0.94	0.85	1.03		
64	de Oliveira 2013 24351702	HR	56	752	19778	Reference group			P trend	0.11
65	de Oliveira 2013 24351702	HR	58	701	nd	1.05	0.72	1.53		
66	de Oliveira 2013 24351702	HR	43	747	nd	0.77	0.51	1.16		
67	de Oliveira 2013 24351702	HR	32	637	nd	0.75	0.48	1.18		
68	de Oliveira 2013 24351702	HR	59	694	19778	Reference group			P trend	<0.001
69	de Oliveira 2013 24351702	HR	61	738	nd	0.95	0.65	1.39		
70	de Oliveira 2013 24351702	HR	46	693	nd	0.7	0.45	1.08		
71	de Oliveira 2013 24351702	HR	23	712	nd	0.39	0.22	0.67		
72	de Oliveira 2013 24351702	HR	63	736	19778	Reference group			P trend	0.002
73	de Oliveira 2013 24351702	HR	59	688	nd	0.97	0.67	1.4		
74	de Oliveira 2013 24351702	HR	40	713	nd	0.64	0.41	1		



## Observational results: major adverse cardiac events

Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup
75	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
76	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
77	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
78	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
79	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
80	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
81	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
82	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
83	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
84	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
85	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
86	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
87	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
88	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
89	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
90	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
91	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All

## Observational results: major adverse cardiac events

Row	Study PMID	Cases Total/N Total (Rate %)	Followup	n3 FA	n3 measure	Supplement
75	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	EPA+DHA+DPA	Phospholipid	No
76	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	EPA	Intake	No
77	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	EPA	Intake	No
78	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	EPA	Intake	No
79	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	EPA	Intake	No
80	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	DPA	Intake	No
81	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	DPA	Intake	No
82	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	DPA	Intake	No
83	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	DPA	Intake	No
84	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	DHA	Intake	No
85	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	DHA	Intake	No
86	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	DHA	Intake	No
87	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	DHA	Intake	No
88	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	EPA+DHA+DPA	Intake	No
89	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	EPA+DHA+DPA	Intake	No
90	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	EPA+DHA+DPA	Intake	No
91	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	EPA+DHA+DPA	Intake	No



## Observational results: major adverse cardiac events

Row	Study PMID	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
75	de Oliveira 2013 24351702	HR	27	700	nd	0.47	0.28	0.79		
76	de Oliveira 2013 24351702	HR	56	599	19778	Reference group			P trend	0.03
77	de Oliveira 2013 24351702	HR	40	547	nd	0.94	0.62	1.42		
78	de Oliveira 2013 24351702	HR	33	585	nd	0.65	0.42	1.03		
79	de Oliveira 2013 24351702	HR	32	641	nd	0.6	0.37	0.98		
80	de Oliveira 2013 24351702	HR	53	622	19778	Reference group			P trend	0.02
81	de Oliveira 2013 24351702	HR	50	618	nd	1.1	0.74	1.63		
82	de Oliveira 2013 24351702	HR	30	559	nd	0.67	0.42	1.07		
83	de Oliveira 2013 24351702	HR	28	573	nd	0.59	0.35	0.97		
84	de Oliveira 2013 24351702	HR	46	606	19778	Reference group			P trend	0.048
85	de Oliveira 2013 24351702	HR	45	572	nd	0.98	0.64	1.49		
86	de Oliveira 2013 24351702	HR	42	600	nd	0.92	0.59	1.44		
87	de Oliveira 2013 24351702	HR	28	594	nd	0.6	0.35	1.02		
88	de Oliveira 2013 24351702	HR	47	600	19778	Reference group			P trend	0.05
89	de Oliveira 2013 24351702	HR	47	546	nd	1.16	0.77	1.75		
90	de Oliveira 2013 24351702	HR	39	651	nd	0.81	0.52	1.28		
91	de Oliveira 2013 24351702	HR	28	575	nd	0.64	0.38	1.09		

## Observational results: major adverse cardiac events

Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup
92	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
93	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
94	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
95	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
96	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
97	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
98	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
99	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
100	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
101	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
102	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
103	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
104	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
105	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
106	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All
107	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	All

109 **Subgroup analyses**

## Observational results: major adverse cardiac events

Row	Study PMID	Cases Total/N Total (Rate %)	Followup	n3 FA	n3 measure	Supplement
92	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	ALA	Phospholipid	No
93	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	ALA	Phospholipid	No
94	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	ALA	Phospholipid	No
95	de Oliveira 2013 24351702	nd/2837 (nd)	10 y	ALA	Phospholipid	No
96	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	ALA	Intake	No
97	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	ALA	Intake	No
98	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	ALA	Intake	No
99	de Oliveira 2013 24351702	nd/2372 (nd)	10 y	ALA	Intake	No
100	de Oliveira 2013 24351702	189/2837 (6.66)	10 y	EPA	Phospholipid	No
101	de Oliveira 2013 24351702	189/2837 (6.66)	10 y	EPA	Phospholipid	No
102	de Oliveira 2013 24351702	189/2837 (6.66)	10 y	EPA	Phospholipid	No
103	de Oliveira 2013 24351702	189/2837 (6.66)	10 y	EPA	Phospholipid	No
104	de Oliveira 2013 24351702	189/2837 (6.66)	10 y	EPA	Phospholipid	No
105	de Oliveira 2013 24351702	189/2837 (6.66)	10 y	DPA	Phospholipid	No
106	de Oliveira 2013 24351702	189/2837 (6.66)	10 y	DHA	Phospholipid	No
107	de Oliveira 2013 24351702	189/2837 (6.66)	10 y	EPA+DHA+DPA	Phospholipid	No

109 **Subgroup  
analyses**



## Observational results: major adverse cardiac events

Row	Study PMID	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
92	de Oliveira 2013 24351702	HR	63	883	19778	Reference group			P trend	0.51
93	de Oliveira 2013 24351702	HR	37	569	nd	0.96	0.63	1.43		
94	de Oliveira 2013 24351702	HR	46	757	nd	0.92	0.62	1.35		
95	de Oliveira 2013 24351702	HR	43	628	nd	1.19	0.79	1.78		
96	de Oliveira 2013 24351702	HR	44	700	19778	Reference group			P trend	0.2
97	de Oliveira 2013 24351702	HR	42	592	nd	0.88	0.56	1.34		
98	de Oliveira 2013 24351702	HR	43	555	nd	0.94	0.55	1.59		
99	de Oliveira 2013 24351702	HR	32	525	nd	0.61	0.29	1.28		
100	de Oliveira 2013 24351702	HR	66	732	19778	Reference group			P trend	0.01
101	de Oliveira 2013 24351702	HR	48	711	nd	0.75	0.51	1.09		
102	de Oliveira 2013 24351702	HR	47	695	nd	0.84	0.56	1.25		
103	de Oliveira 2013 24351702	HR	28	699	nd	0.49	0.3	0.79		
104	de Oliveira 2013 24351702	HR	189	NA	19778	0.59	0.4	0.86	P Interaction	0.9
105	de Oliveira 2013 24351702	HR	189	NA	19778	0.71	0.49	1.02	P Interaction	0.01
106	de Oliveira 2013 24351702	HR	189	NA	19778	0.48	0.3	0.75	P Interaction	0.85
107	de Oliveira 2013 24351702	HR	189	NA	19778	0.46	0.29	0.72	P Interaction	0.88

109 **Subgroup  
analyses**



## Observational results: major adverse cardiac events

Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup
110	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	White
111	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	Chinese
112	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	African American
113	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	Hispanic
114	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	White
115	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	Chinese
116	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	African American
117	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	Hispanic
118	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	White
119	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	Chinese
120	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	African American
121	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	Hispanic
122	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	White
123	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	Chinese
124	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	African American
125	de Oliveira 2013 24351702	MESA	MACE	MI, resuscitated cardiac arrest, CHD death, other atherosclerotic death, angina, stroke, stroke, death, or other CVD death	Healthy	Healthy, multiethnic Adults	Hispanic

## Observational results: major adverse cardiac events

Row	Study PMID	Cases Total/N Total (Rate %)	Followup	n3 FA	n3 measure	Supplement
110	de Oliveira 2013 24351702	62/724 (8.56)	10 y	DPA	Phospholipid	No
111	de Oliveira 2013 24351702	28/712 (3.93)	10 y	DPA	Phospholipid	No
112	de Oliveira 2013 24351702	48/696 (6.9)	10 y	DPA	Phospholipid	No
113	de Oliveira 2013 24351702	51/705 (7.23)	10 y	DPA	Phospholipid	No
114	de Oliveira 2013 24351702	62/724 (8.56)	10 y	DHA	Phospholipid	No
115	de Oliveira 2013 24351702	28/712 (3.93)	10 y	DHA	Phospholipid	No
116	de Oliveira 2013 24351702	48/696 (6.9)	10 y	DHA	Phospholipid	No
117	de Oliveira 2013 24351702	51/705 (7.23)	10 y	DHA	Phospholipid	No
118	de Oliveira 2013 24351702	62/724 (8.56)	10 y	EPA+DHA+DPA	Phospholipid	No
119	de Oliveira 2013 24351702	28/712 (3.93)	10 y	EPA+DHA+DPA	Phospholipid	No
120	de Oliveira 2013 24351702	48/696 (6.9)	10 y	EPA+DHA+DPA	Phospholipid	No
121	de Oliveira 2013 24351702	51/705 (7.23)	10 y	EPA+DHA+DPA	Phospholipid	No
122	de Oliveira 2013 24351702	62/724 (8.56)	10 y	EPA	Phospholipid	No
123	de Oliveira 2013 24351702	28/712 (3.93)	10 y	EPA	Phospholipid	No
124	de Oliveira 2013 24351702	48/696 (6.9)	10 y	EPA	Phospholipid	No
125	de Oliveira 2013 24351702	51/705 (7.23)	10 y	EPA	Phospholipid	No



## Observational results: major adverse cardiac events

Row	Study PMID	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
110	de Oliveira 2013 24351702	HR	62	NA	nd	0.41	0.21	0.82		
111	de Oliveira 2013 24351702	HR	28	NA	nd	0.3	0.11	0.81		
112	de Oliveira 2013 24351702	HR	48	NA	nd	1.51	0.74	3.09		
113	de Oliveira 2013 24351702	HR	51	NA	nd	1.33	0.61	2.9		
114	de Oliveira 2013 24351702	HR	62	NA	nd	0.34	0.15	0.81		
115	de Oliveira 2013 24351702	HR	28	NA	nd	0.37	0.12	1.08		
116	de Oliveira 2013 24351702	HR	48	NA	nd	0.42	0.17	1.05		
117	de Oliveira 2013 24351702	HR	51	NA	nd	0.73	0.25	2.13		
118	de Oliveira 2013 24351702	HR	62	NA	nd	0.28	0.12	0.68		
119	de Oliveira 2013 24351702	HR	28	NA	nd	0.37	0.13	1.03		
120	de Oliveira 2013 24351702	HR	48	NA	nd	0.51	0.2	1.27		
121	de Oliveira 2013 24351702	HR	51	NA	nd	0.79	0.26	2.38		
122	de Oliveira 2013 24351702	HR	62	NA	nd	0.38	0.18	0.79		
123	de Oliveira 2013 24351702	HR	28	NA	nd	0.57	0.25	1.28		
124	de Oliveira 2013 24351702	HR	48	NA	nd	0.77	0.4	1.5		
125	de Oliveira 2013 24351702	HR	51	NA	nd	0.87	0.34	2.22		