## OPG [chr8:119440018\_C\_G (rs10955879) (C/G) N=13033]

Weight

Weight

Study	TE	seTE		95%-CI	(fixed)	(random)
INTERVAL (4896)	-0.11	0.0210		-0.11 [-0.15; -0.07]	33.1%	31.4%
BioFinder (1496)	-0.03	0.0368	<del></del>	-0.03 [-0.10; 0.05]	10.8%	11.2%
EGCUT (487)	-0.06	0.0677	<del></del>	-0.06 [-0.19; 0.07]	3.2%	3.4%
MadCam (185)	-0.11	0.1066	* !	-0.11 [-0.32; 0.09]	1.3%	1.4%
KORA (1064)	-0.09	0.0425		-0.09 [-0.17; -0.01]	8.1%	8.5%
NSPHS (866)	-0.06	0.0402	<del>-  -</del>	-0.06 [-0.13; 0.02]	9.1%	9.5%
RECOMBINE (444)	-0.07	0.0542	<del>+</del>	-0.07 [-0.18; 0.04]	5.0%	5.3%
STABILITY (2951)	-0.03	0.0244	<del>! •</del>	-0.03 [-0.07; 0.02]	24.6%	24.1%
STANLEY (344)	-0.09	0.0746		-0.09 [-0.23; 0.06]	2.6%	2.8%
STANLEY (300)	-0.04	0.0810		-0.04 [-0.20; 0.12]	2.2%	2.4%
Fixed effect model			<b>♦</b>	-0.07 [-0.09; -0.05]	100.0%	
Random effects mod	el		<u></u>	-0.07 [-0.09; -0.04]		100.0%
Heterogeneity: $I^2 = 4\%$ ,	$\tau^2 < 0.000^{\circ}$	1, p = 0.41				
			-0.3 -0.2 -0.1 0 0.1 0.2 0.	3		
1						

Study	TE seTE		95%-CI
INTERVAL (4896)	0.05 0.0350	<del> </del>	0.05 [-0.02; 0.12]

INTERVAL (4896) BioFinder (1496) 0.04 0.0653 0.04 [-0.09; 0.16] EGCUT (487) -0.04 [-0.29; 0.21]  $-0.04 \ 0.1264$ MadCam (185) 0.32 0.1845 0.32 [-0.04; 0.68] KORA (1064) 0.03 [-0.11; 0.18] 0.03 0.0727

 $-0.18 \ 0.1329$ 

0.08 0.0993

NSPHS (866)

ORCADES (980)

RECOMBINE (442)

Fixed effect model

Random effects model

Heterogeneity:  $I^2 = 0\%$ ,  $\tau^2 = 0$ , p = 0.71

STABILITY (2951)

STANLEY (344)

STANLEY (300)

VIS (901)

0.12 0.0834 0.12 0.0667 0.09 0.0922 0.09 0.0415 0.03 0.1185

-0.6-0.4-0.2 0

OPG [chr8:119642885\_A\_C (rs3133404) (A/C) N=14912]

0.06 [ 0.03; 0.10]

0.2 0.4 0.6

0.09 [-0.09; 0.27] 0.09 [0.01; 0.17] 0.03 [-0.21; 0.26] -0.18 [-0.44; 0.08] 0.08 [-0.11; 0.28]

0.12 [-0.04; 0.28]

0.12 [-0.02; 0.25] 0.06 [ 0.03; 0.10] 100.0%

5.5% 8.5% 4.5% 22.1% 2.7% 2.2% 3.9%

Weight

31.1%

8.9%

2.4%

1.1%

7.2%

(fixed) (random)

4.5% 22.1% 2.7%

Weight

31.1%

8.9%

2.4%

1.1%

7.2%

5.5%

8.5%

100.0%

2.2%

3.9%

seTE

Weight

28.0%

7.3%

95%-CI

-0.14 [-0.19; -0.09] 100.0%

-0.12 [-0.19; -0.04]

-0.20 [-0.29; -0.11]

-0.20 [-0.38; -0.02]

Weight

17.7%

100.0%

9.7%

(fixed) (random)

OPG [chr8:119921464\_A\_G (rs13276824) (A/G) N=14916]

Study

INTERVAL (4896)

BioFinder (1496)

Fixed effect model

Random effects model

Heterogeneity:  $I^2 = 38\%$ ,  $\tau^2 = 0.0052$ , p = 0.08

TE

 $-0.20 \ 0.0468$ 

 $-0.20 \ 0.0915$ 

` ,		• •				
EGCUT (487)	-0.18 0.1235	- 1: - 1:	-0.18	[-0.42; 0.06]	4.0%	6.4%
MadCam (185)	0.21 0.2074	<del>                                      </del>	+ 0.21	[-0.20; 0.62]	1.4%	2.7%
KORA (1064)	-0.12 0.0939	- 1	-0.12	[-0.30; 0.07]	7.0%	9.3%
NSPHS (866)	-0.10 0.1367		-0.10	[-0.36; 0.17]	3.3%	5.5%
ORCADES (980)	-0.29 0.1069	- i:	-0.29	[-0.49; -0.08]	5.4%	7.9%
RECOMBINE (446)	0.12 0.1162	· ·	0.12	[-0.11; 0.34]	4.6%	7.0%
STABILITY (2951)	-0.15 0.0460	-	-0.15	[-0.24; -0.06]	29.0%	17.9%
STANLEY (344)	0.23 0.1656	1:	0.23	[-0.10; 0.55]	2.2%	4.0%
STANLEY (300)	-0.06 0.1812		-0.06	[-0.42; 0.29]	1.9%	3.4%
VIS (901)	-0.05 0.1025	- i	-0.05	[-0.25; 0.15]	5.8%	8.3%
		U)				

0.2 0.4 0.6

-0.6 -0.4 -0.2

TE seTE

Weight

Weight

OPG [chr8:119926179\_A\_G (rs138502219) (A/G) N=14470]

Study	TE seTE		95%-CI	(fixed)	(random)
INTERVAL (4896)	0.33 0.0779	1 =	0.33 [ 0.18; 0.49]	42.5%	22.5%
` ,		<u>.</u>			
BioFinder (1496)	0.39 0.1781		0.39 [ 0.04; 0.73]	8.1%	11.3%
EGCUT (487)	0.13 0.3470	* (	0.13 [-0.55; 0.81]	2.1%	4.1%
MadCam (185)	0.65 0.4627		0.65 [-0.26; 1.55]	1.2%	2.5%
KORA (1064)	0.98 0.1851		0.98 [ 0.61; 1.34]	7.5%	10.7%
NSPHS (866)	0.41 0.2035	<del></del>	0.41 [ 0.02; 0.81]	6.2%	9.5%
ORCADES (980)	0.43 0.5575		0.43 [-0.66; 1.52]	0.8%	1.7%
STABILITY (2951)	0.36 0.1142		0.36 [ 0.13; 0.58]	19.8%	17.7%
STANLEY (344)	0.36 0.2484	+ +	0.36 [-0.12; 0.85]	4.2%	7.1%
STANLEY (300)	0.20 0.3079		0.20 [-0.41; 0.80]	2.7%	5.0%
VIS (901)	-0.07 0.2324	-	-0.07 [-0.53; 0.38]	4.8%	7.8%
Fixed effect model		<b>↓</b>	0.37 [ 0.27; 0.47]	100.0%	
Random effects mode	el		0.38 [ 0.24; 0.53]		100.0%
Heterogeneity: $I^2 = 37\%$ ,			, , , , , , , , ,		
	-1.5	5 –1 –0.5 0 0.5 1 1.5	5		

OPG [chr8:120081031\_C\_T (rs2247769) (T/C) N=14470]

Weight

Weight

Study	TE seTE		95%-CI	(fixed) (random)
INTERVAL (4896)	-0.21 0.0204	+-	-0.21 [-0.25; -0.17]	31.1% 16.3%
BioFinder (1496)	-0.12 0.0367	+	-0.12 [-0.19; -0.05]	9.6% 11.4%
EGCUT (487)	-0.28 0.0614		-0.28 [-0.40; -0.16]	3.4% 6.4%
MadCam (185)	-0.11 0.1058	<u> </u>	0.11 [-0.32; 0.10]	1.2% 2.7%
KORA (1064)	-0.12 0.0425		-0.12 [-0.20; -0.03]	7.2% 9.9%
NSPHS (866)	-0.09 0.0395		-0.09 [-0.17; -0.01]	8.3% 10.7%
ORCADES (980)	-0.24 0.0456		-0.24 [-0.32; -0.15]	6.2% 9.2%
STABILITY (2951)	-0.14 0.0238		-0.14 [-0.19; -0.10]	22.9% 15.3%
STANLEY (344)	-0.12 0.0761	<u> </u>	-0.12 [-0.27; 0.03]	2.2% 4.7%
STANLEY (300)	-0.29 0.0759		-0.29 [-0.44; -0.14]	2.2% 4.7%
VIS (901)	-0.19 0.0480		-0.19 [-0.28; -0.09]	5.6% 8.7%
Fixed effect model		÷	-0.17 [-0.19; -0.15]	100.0%
Random effects mod Heterogeneity: $I^2 = 52\%$		<b>⇔</b>	-0.17 [-0.21; -0.13]	100.0%
	,, v = 0.0011, p = 0.02	-0.4 -0.2 0	0.2 0.4	

Study	TE seTE
INTERVAL (4896)	-0.16 0.0201
BioFinder (1496)	-0.20 0.0361

EGCUT (487)

KORA (1064)

NSPHS (866)

ORCADES (980)

**RECOMBINE (448)** 

Fixed effect model

Random effects model

Heterogeneity:  $I^2 = 30\%$ ,  $\tau^2 = 0.0007$ , p = 0.15

STABILITY (2951)

STANLEY (344)

STANLEY (300)

VIS (901)

MadCam (185)

-0.20 0.0361  $-0.24 \ 0.0640$ 

0.02 0.1031

 $-0.13 \ 0.0446$ 

 $-0.08 \ 0.0382$ 

 $-0.14 \ 0.0456$ 

 $-0.09 \ 0.0503$ 

-0.11 0.0235

 $-0.23 \ 0.0713$ 

 $-0.15 \ 0.0794$ 

 $-0.10 \ 0.0472$ 

-0.3

-0.1 0

OPG [chr17:26694861\_A\_G (rs704) (A/G) N=14918]

-0.16 [-0.20; -0.12] -0.20 [-0.27; -0.13] -0.24 [-0.37; -0.12] 0.02 [-0.18; 0.23] -0.13 [-0.22; -0.04] -0.08 [-0.15; 0.00] -0.14 [-0.23; -0.05] -0.09 [-0.19; 0.01] -0.11 [-0.16; -0.07] -0.23 [-0.37; -0.09]

0.1 0.2 0.3

Weight

30.0%

9.3%

3.0%

1.1%

6.1%

8.3%

5.8%

4.8%

21.9%

2.4%

1.9%

5.4%

95%-CI

-0.15 [-0.30; 0.01]

-0.10 [-0.19; -0.01]

-0.14 [-0.17; -0.11]

-0.14 [-0.16; -0.12] 100.0%

Weight

19.5%

10.7%

4.5%

1.9%

8.0%

9.9%

7.7%

6.6%

17.2%

3.7%

3.0%

7.3%

100.0%

(fixed) (random)