

rs6857

rs1558902

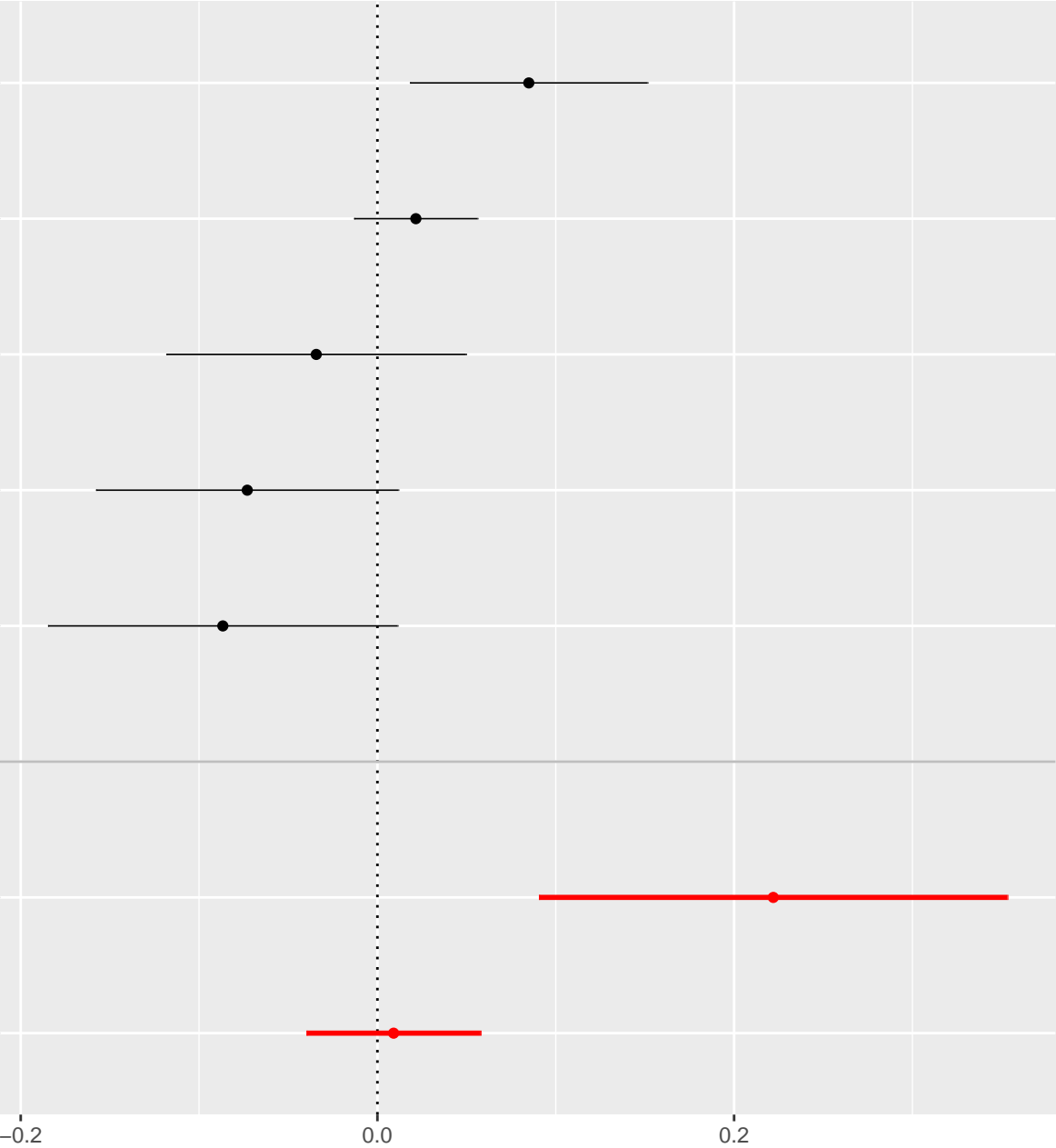
rs9906944

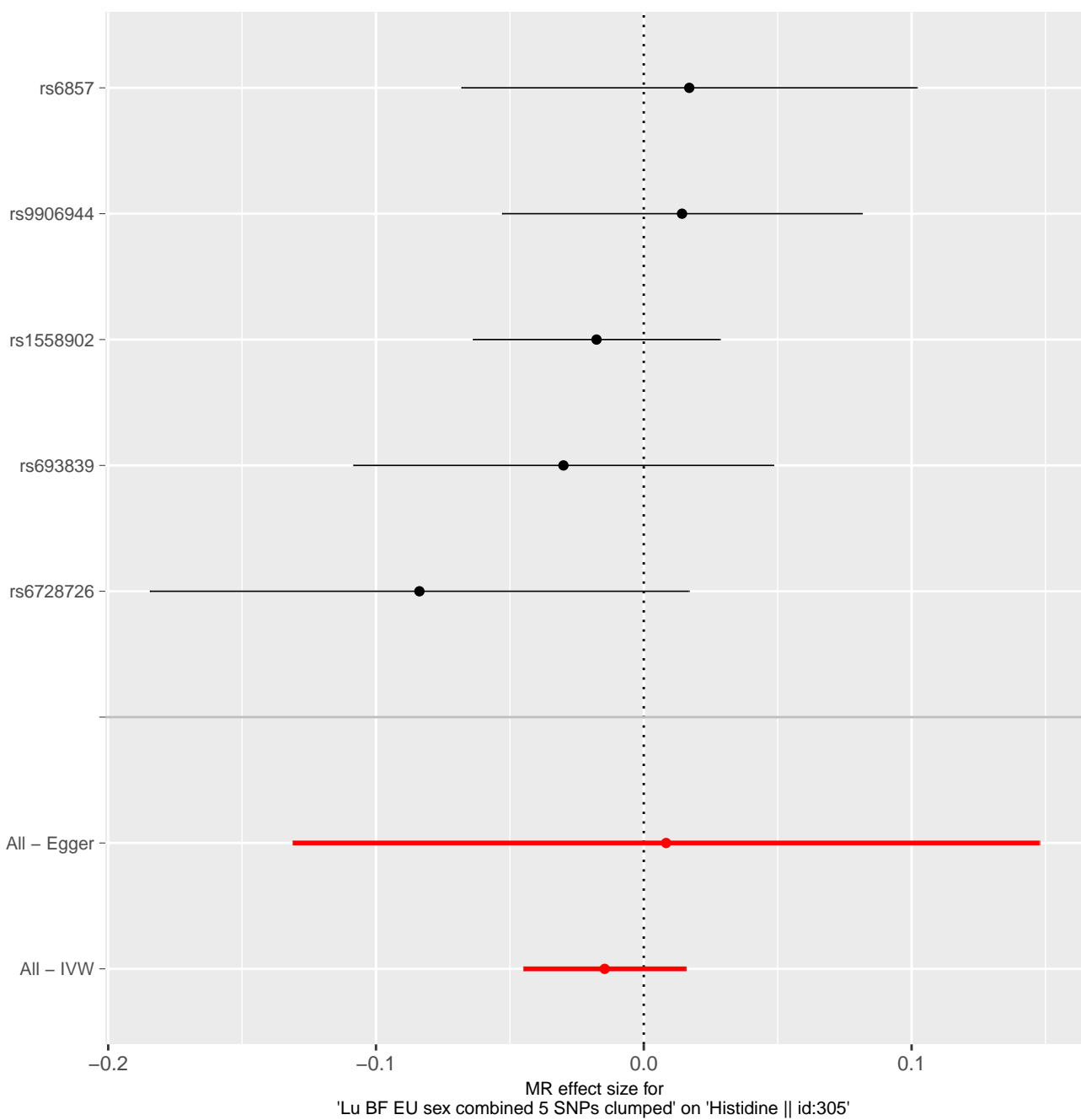
rs6728726

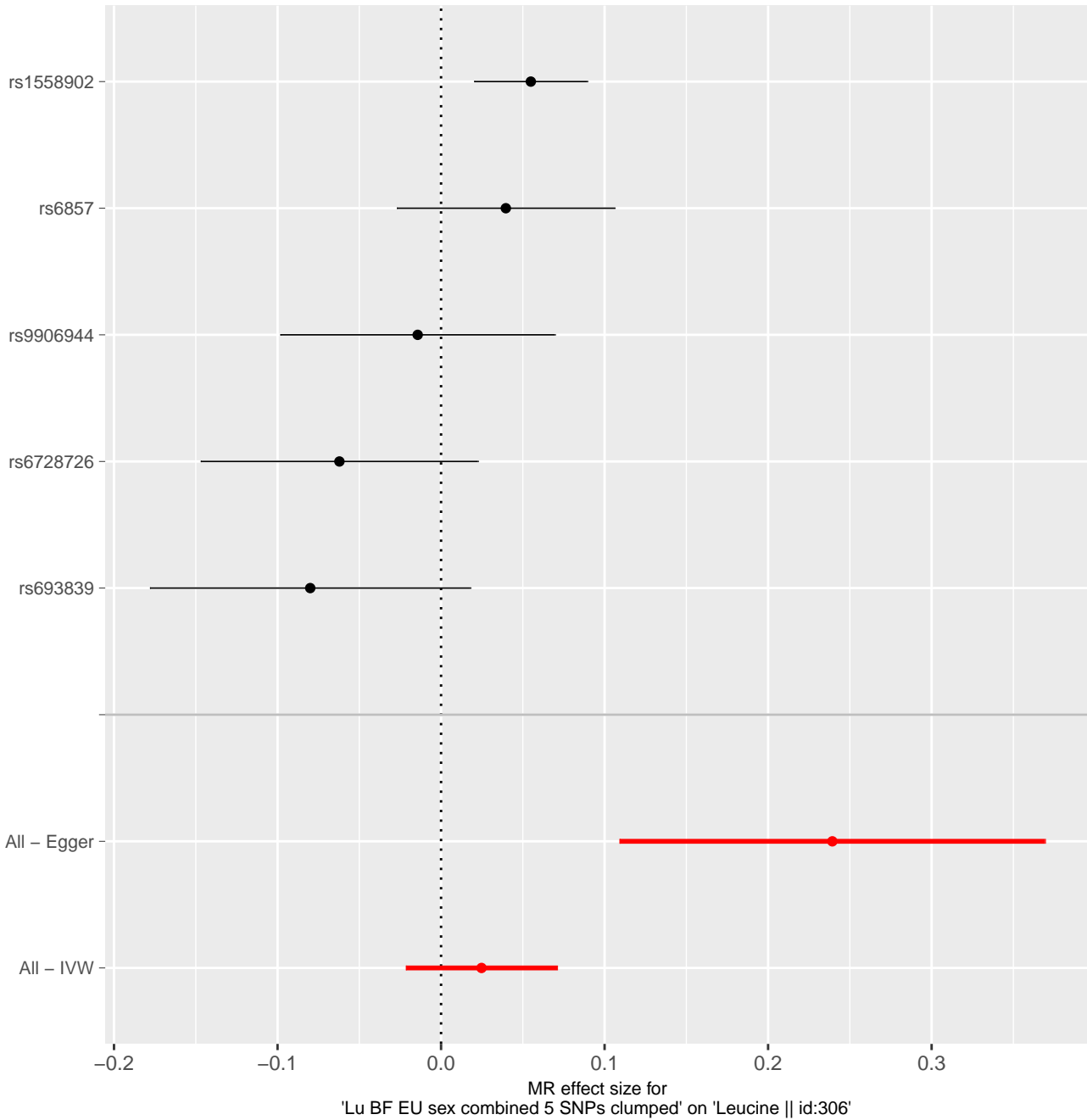
rs693839

All – Egger

All – IVW







rs9906944

rs693839

rs1558902

rs6857

rs6728726

All – Egger

All – IVW

-0.3

-0.2

-0.1

0.0

0.1

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Cholesterol || id:307'

rs6857

rs6728726

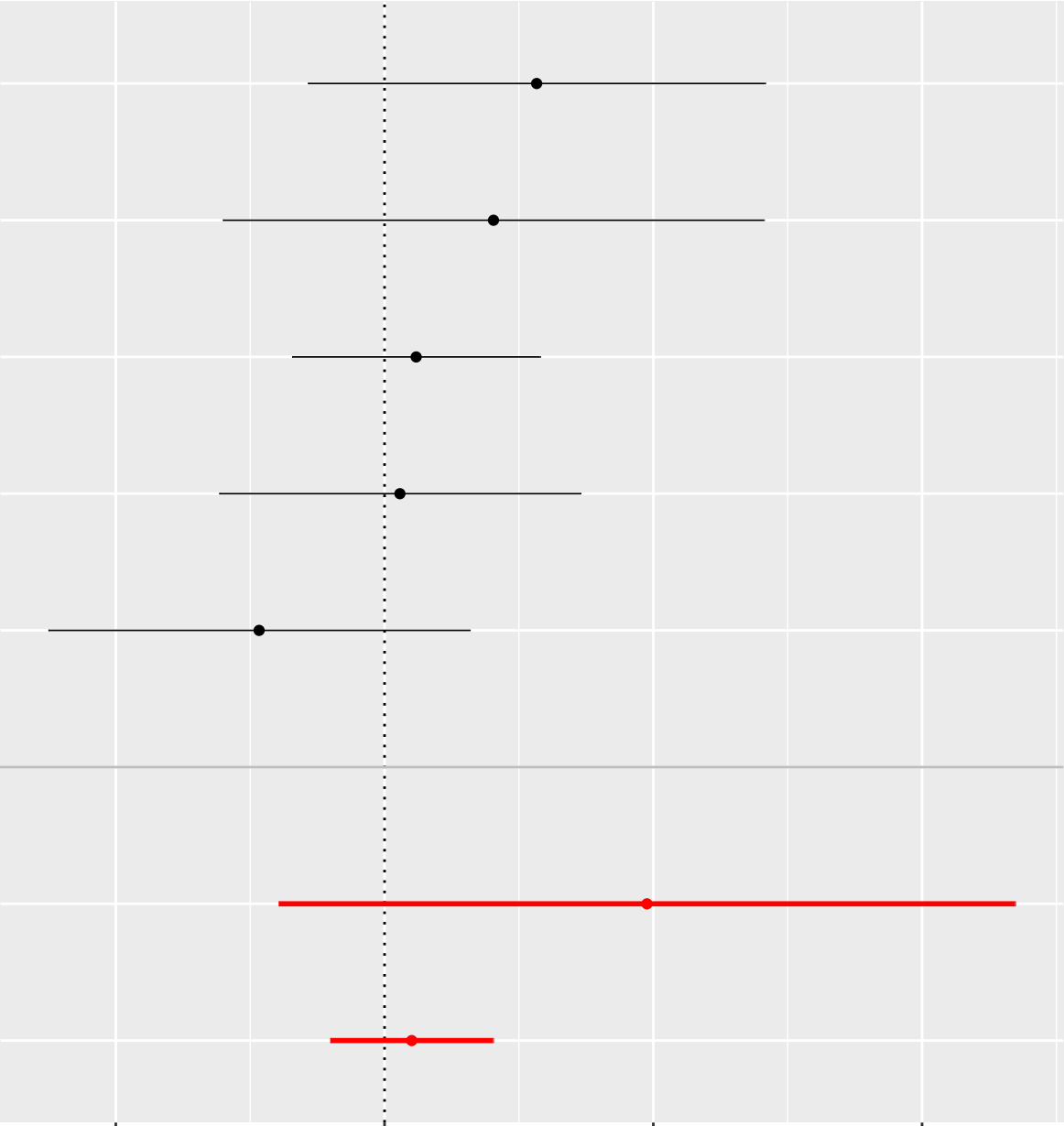
rs1558902

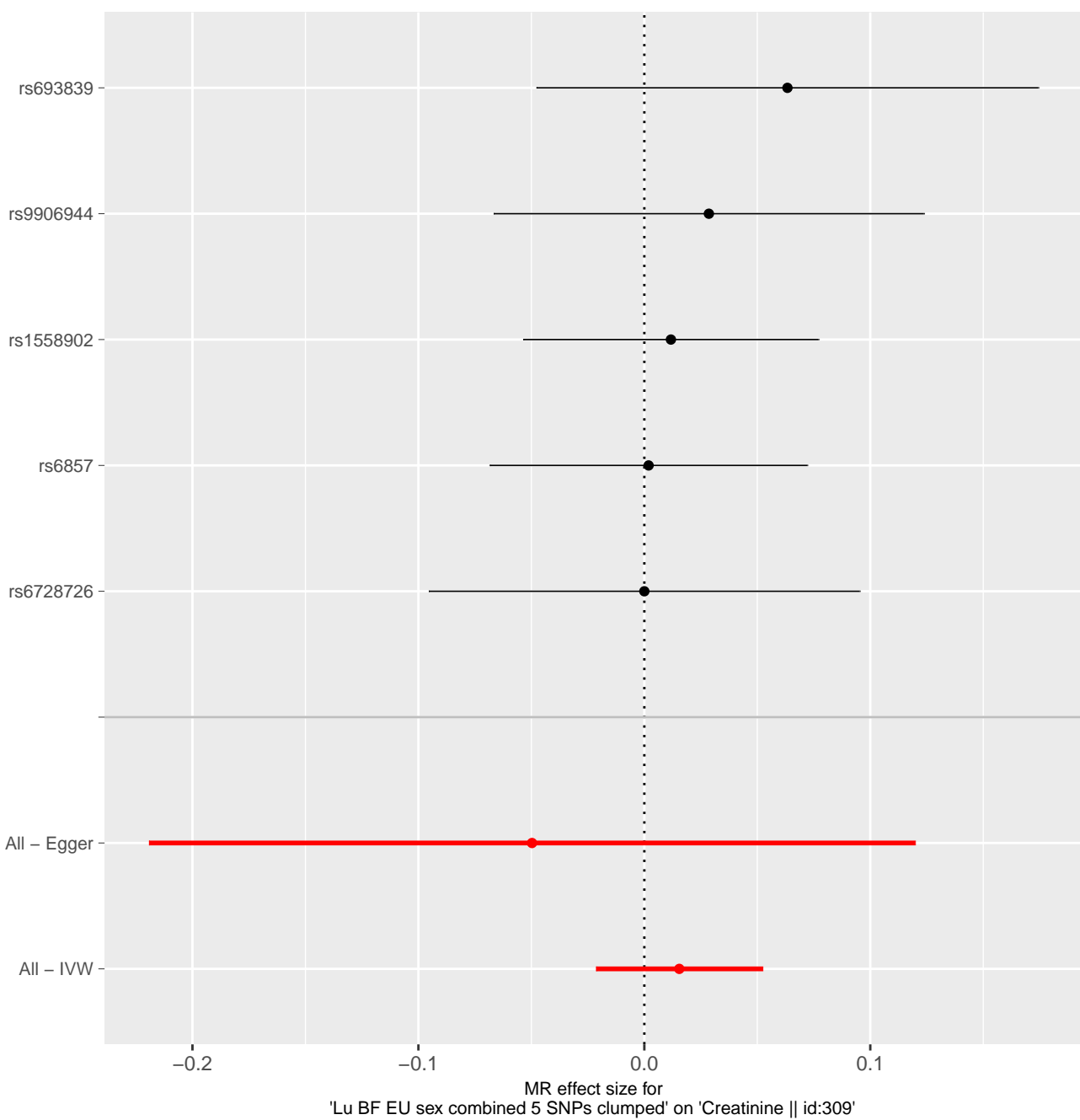
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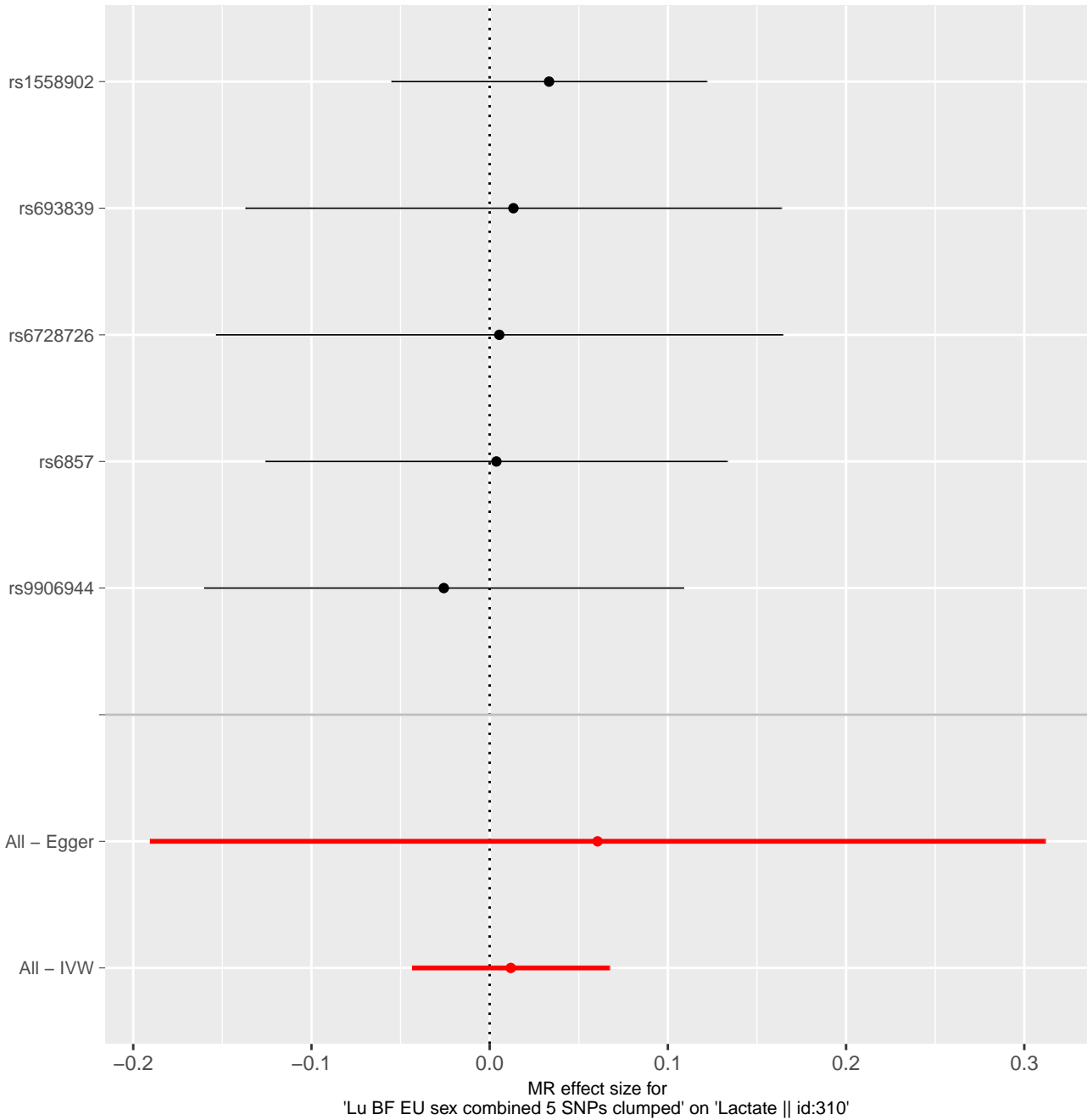
rs693839

All – Egger

All – IVW







rs6728726

rs9906944

rs693839

rs1558902

rs6857

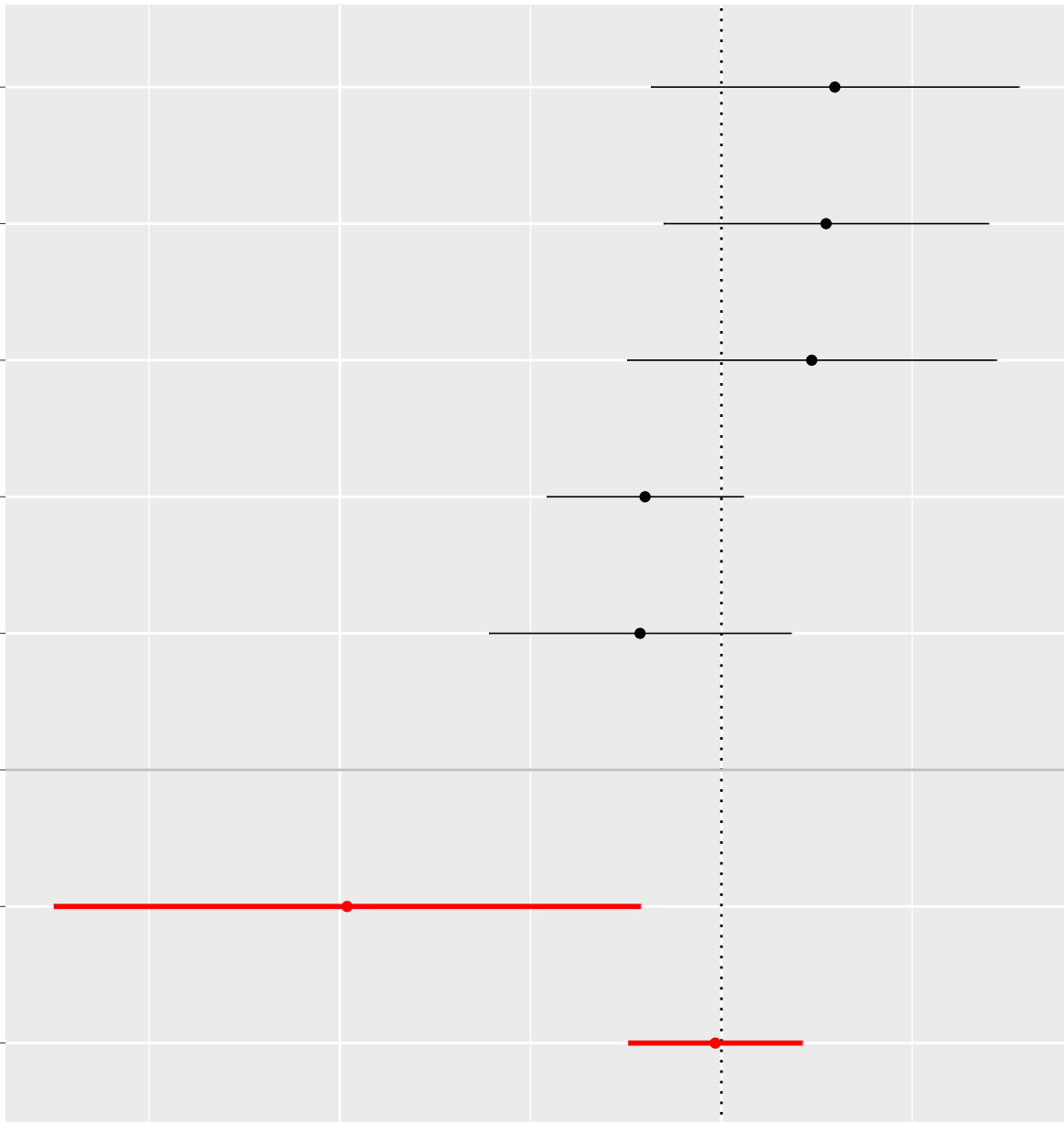
All – Egger

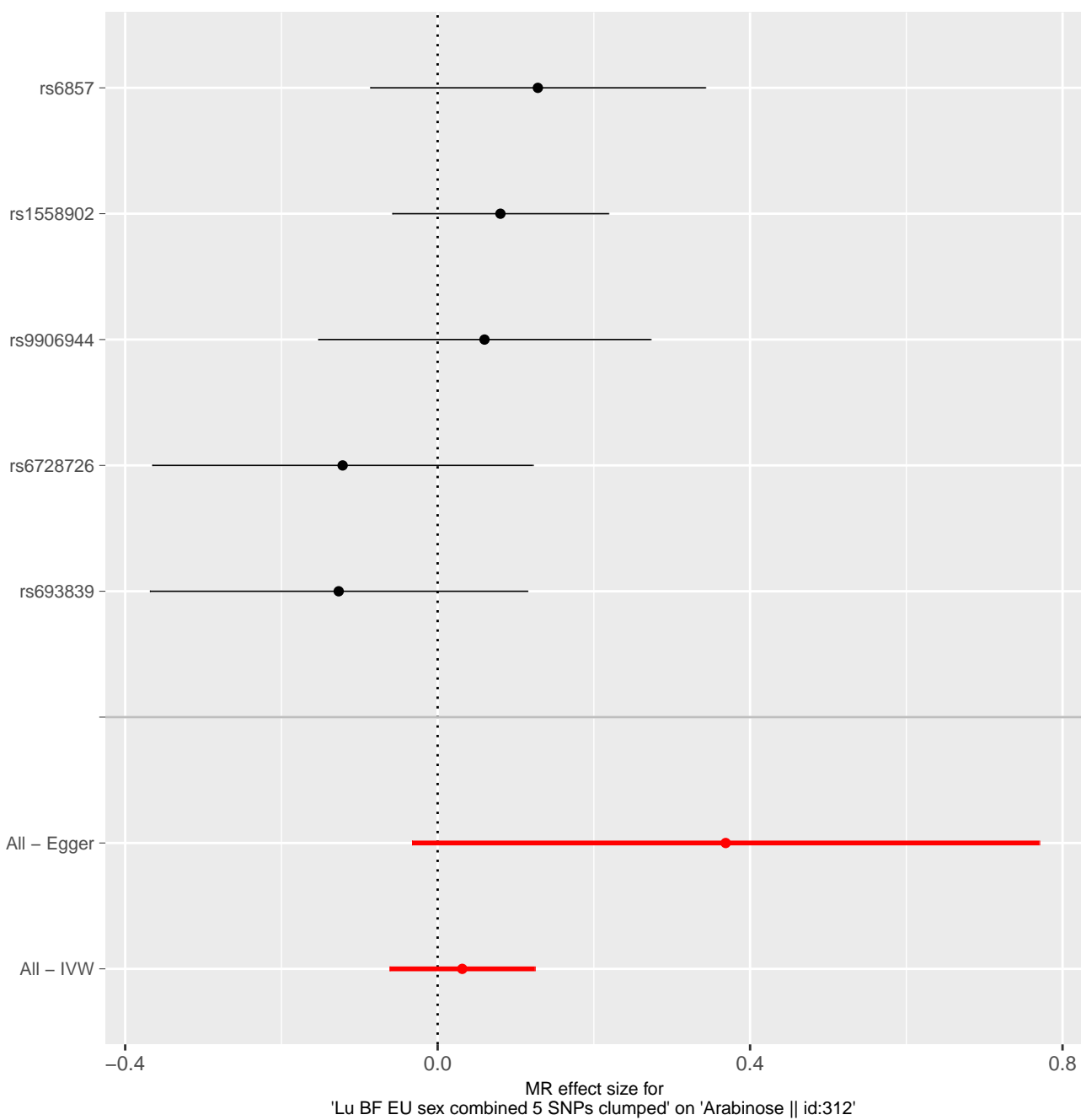
All – IVW

-1

0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on '3-hydroxybutyrate (BHBA) || id:311'





rs6857

rs693839

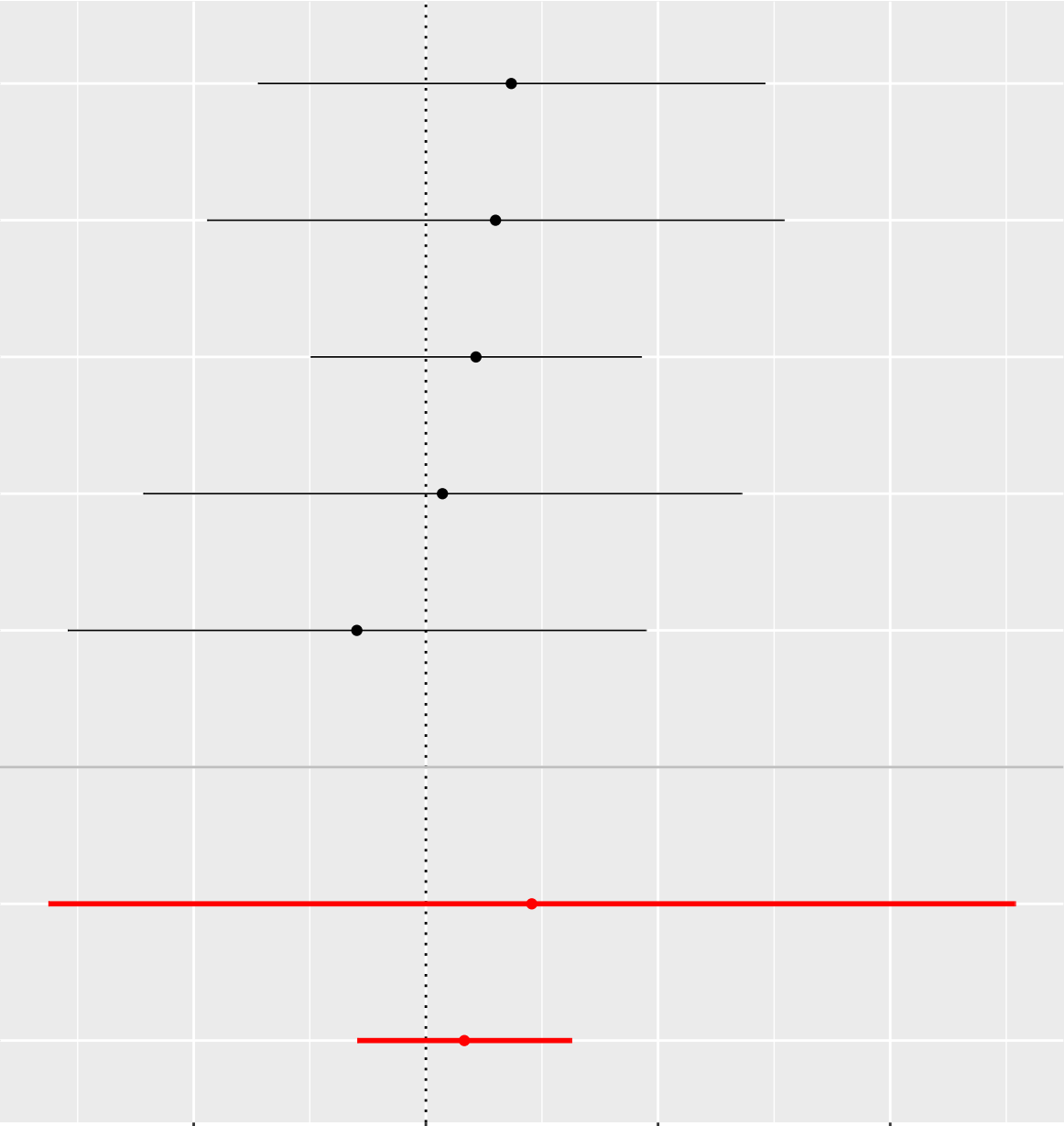
rs1558902

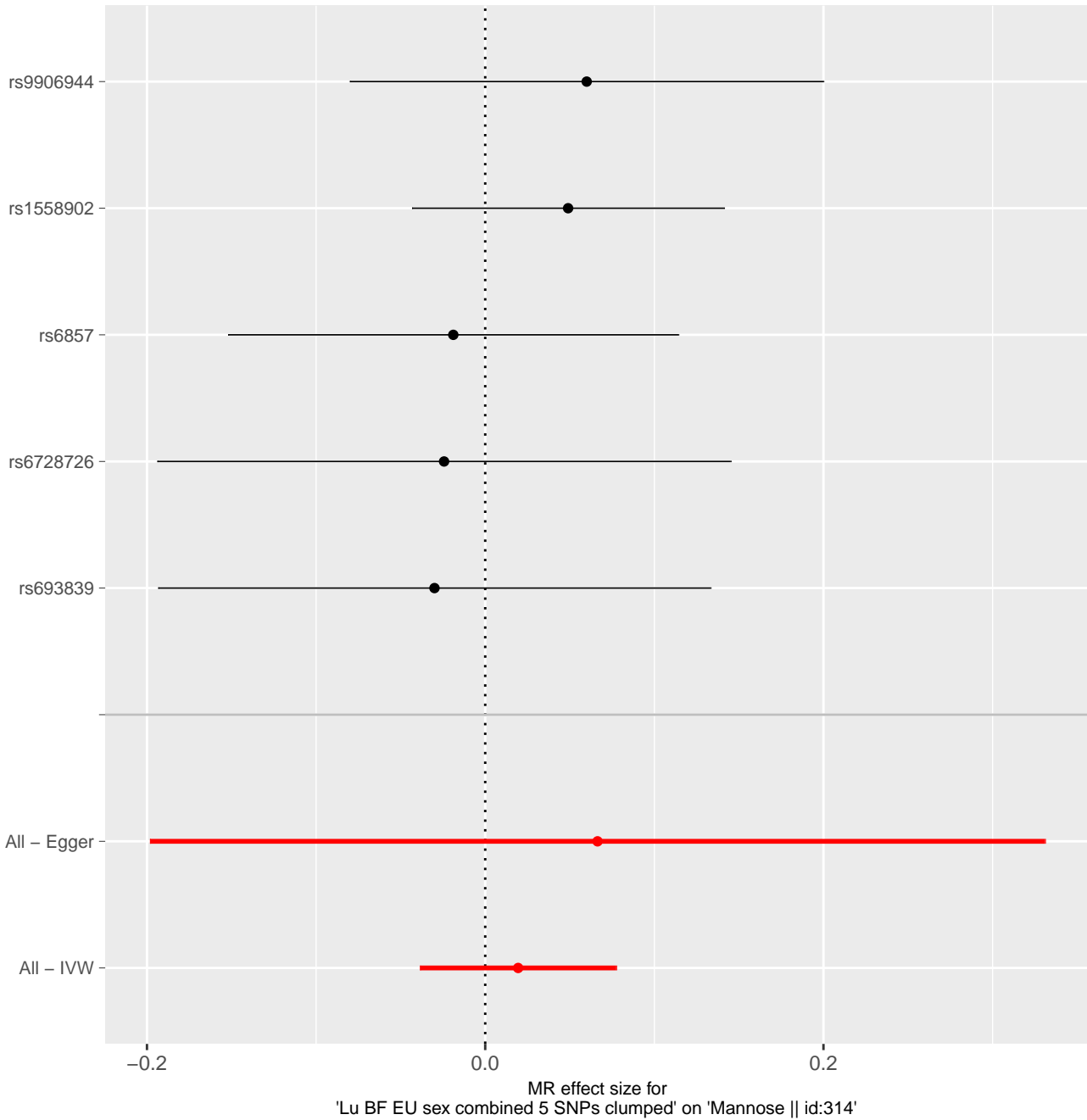
rs9906944

rs6728726

All – Egger

All – IVW





rs6857

rs1558902

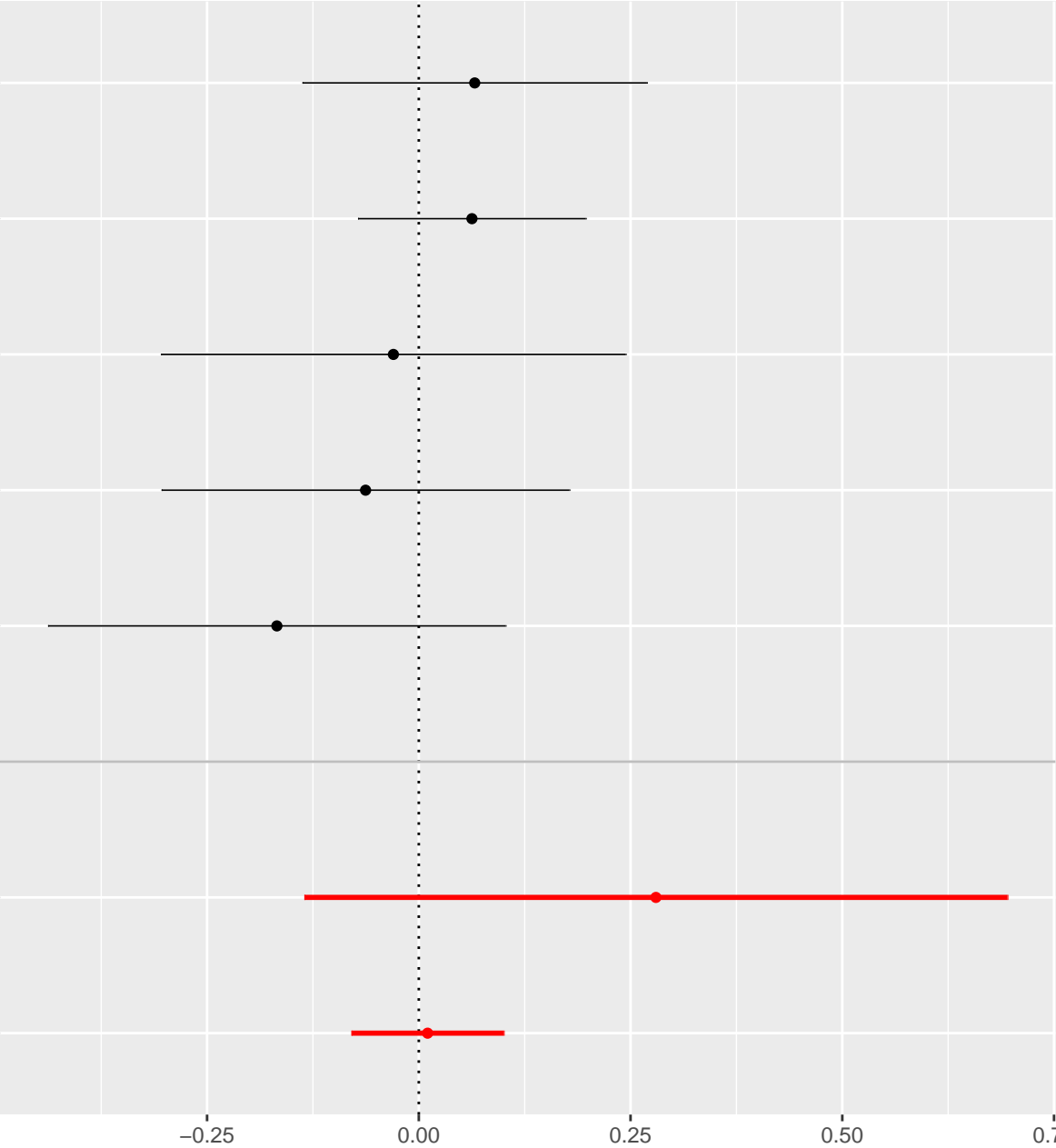
rs693839

rs9906944

rs6728726

All – Egger

All – IVW



rs6857

rs1558902

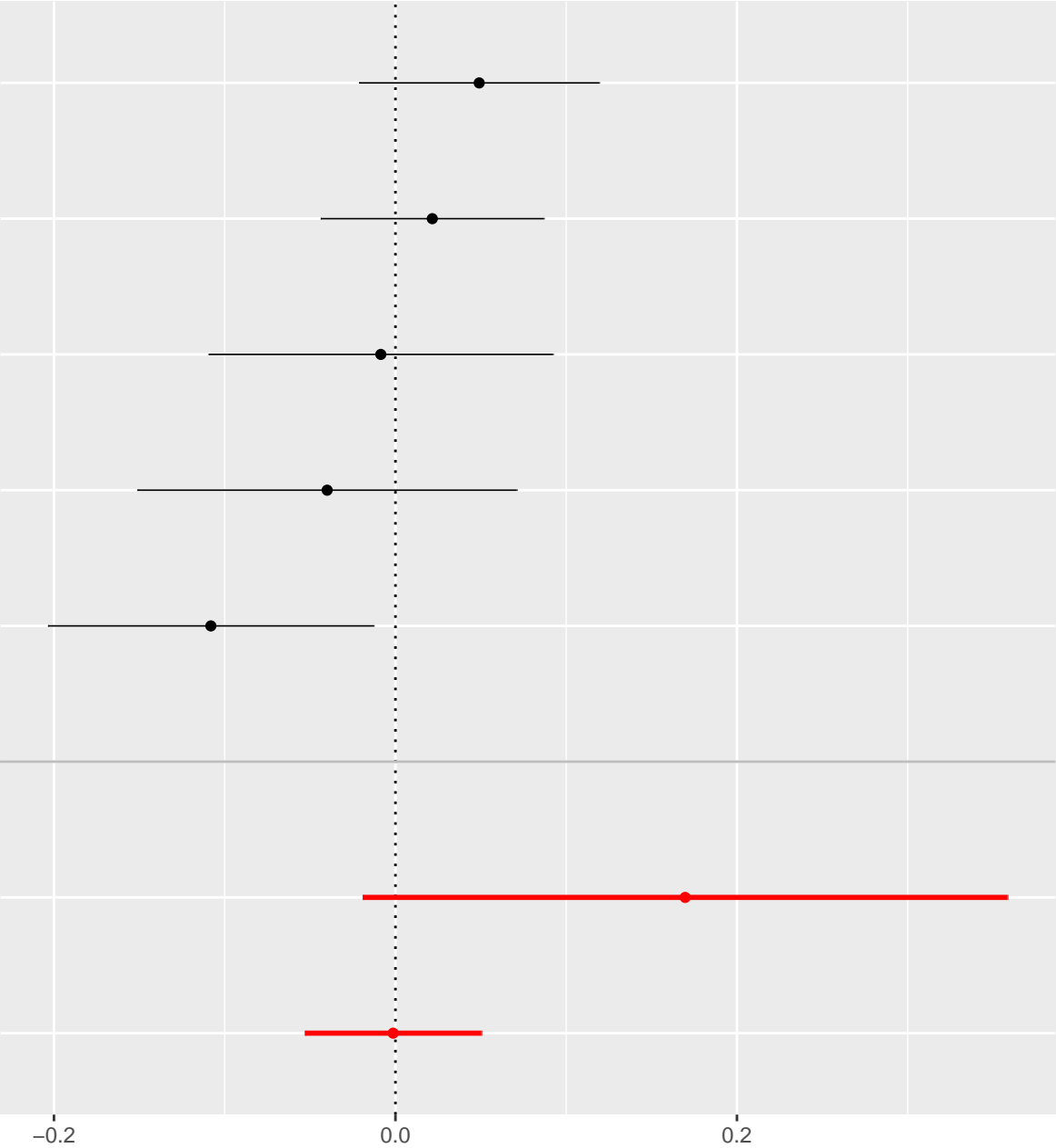
rs9906944

rs693839

rs6728726

All – Egger

All – IVW



rs6728726

rs693839

rs9906944

rs6857

rs1558902

All – Egger

All – IVW

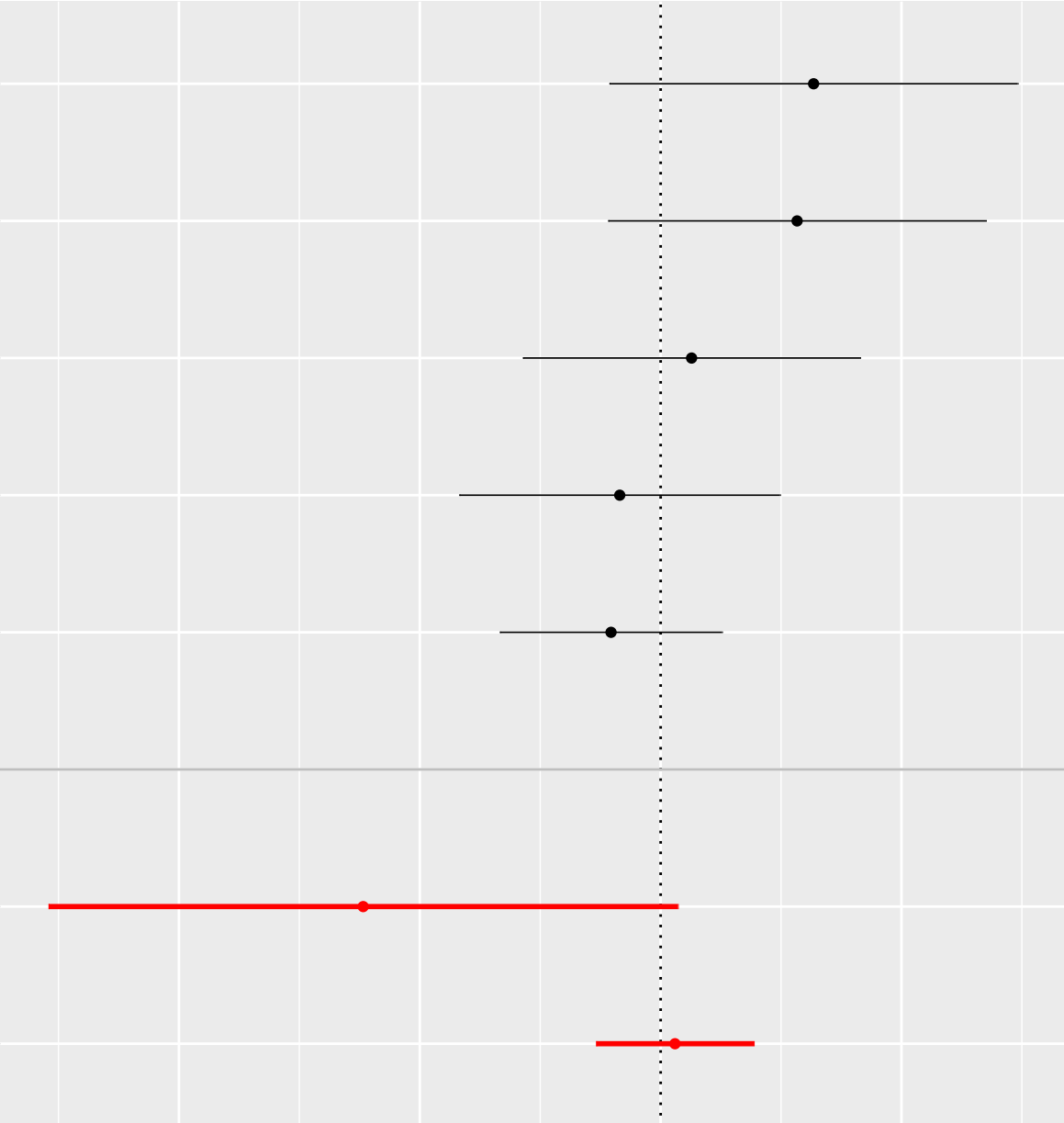
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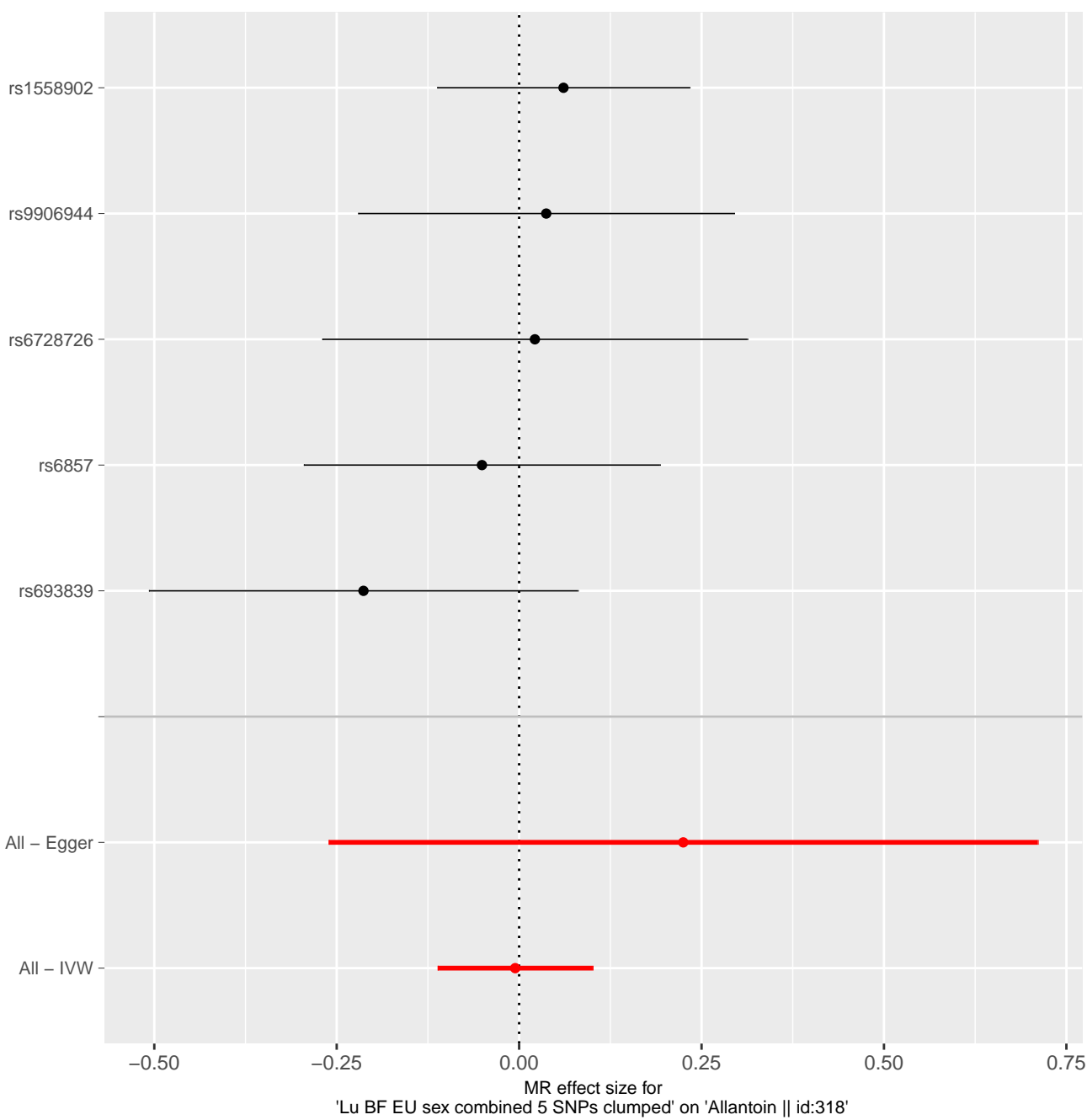
-0.2

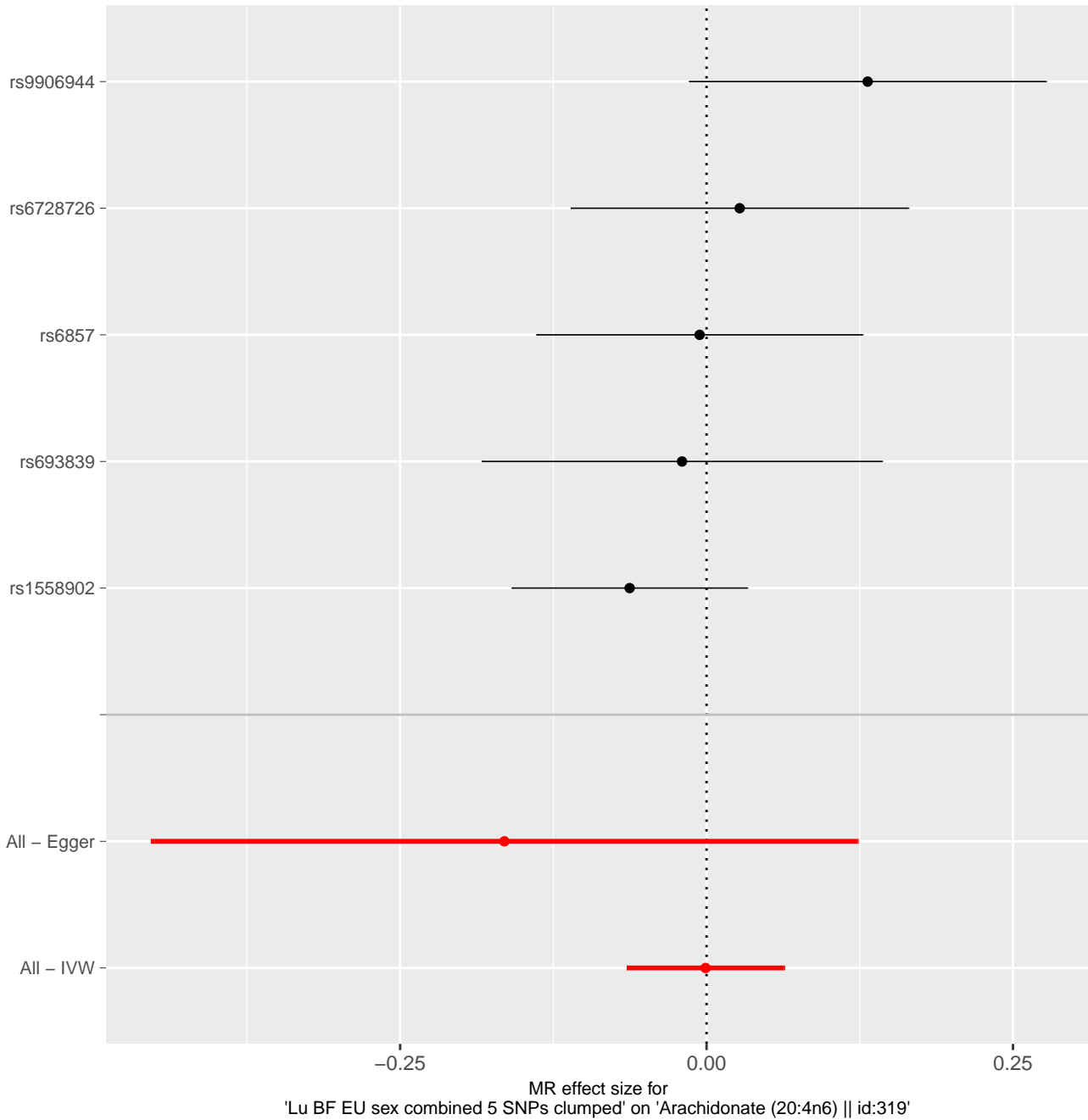
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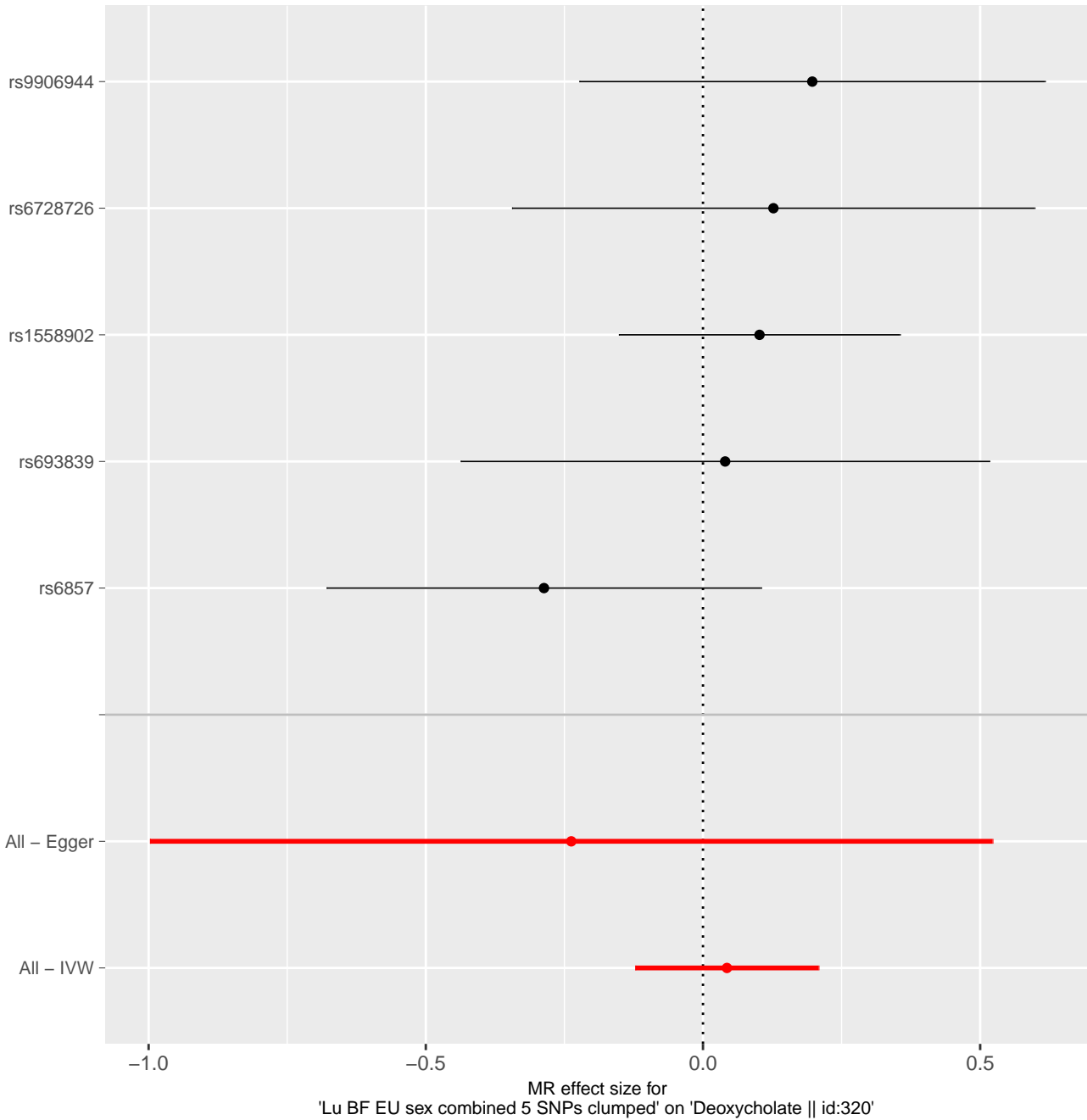
0.2

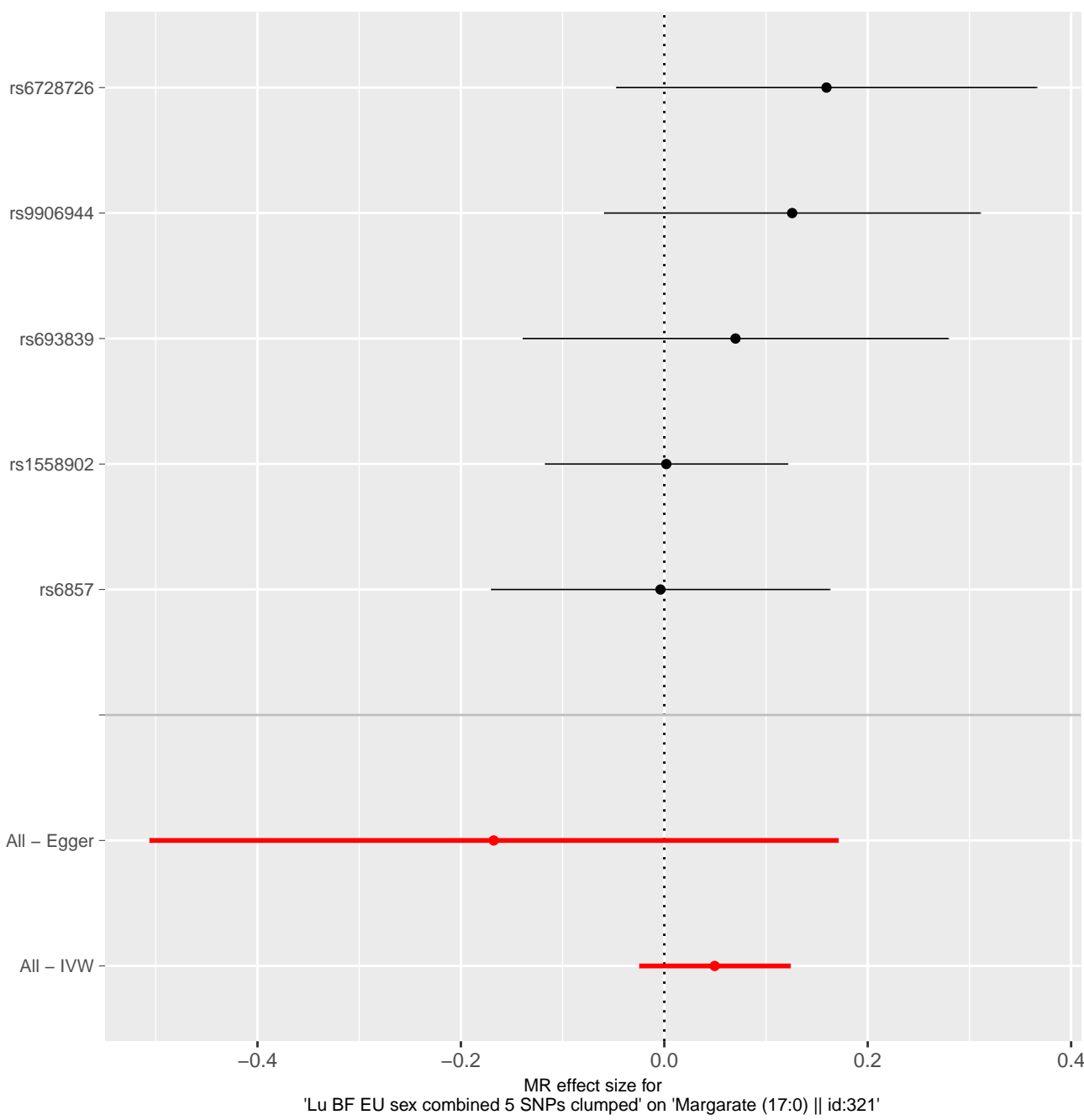
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Linoleate (18:2n6) || id:317'

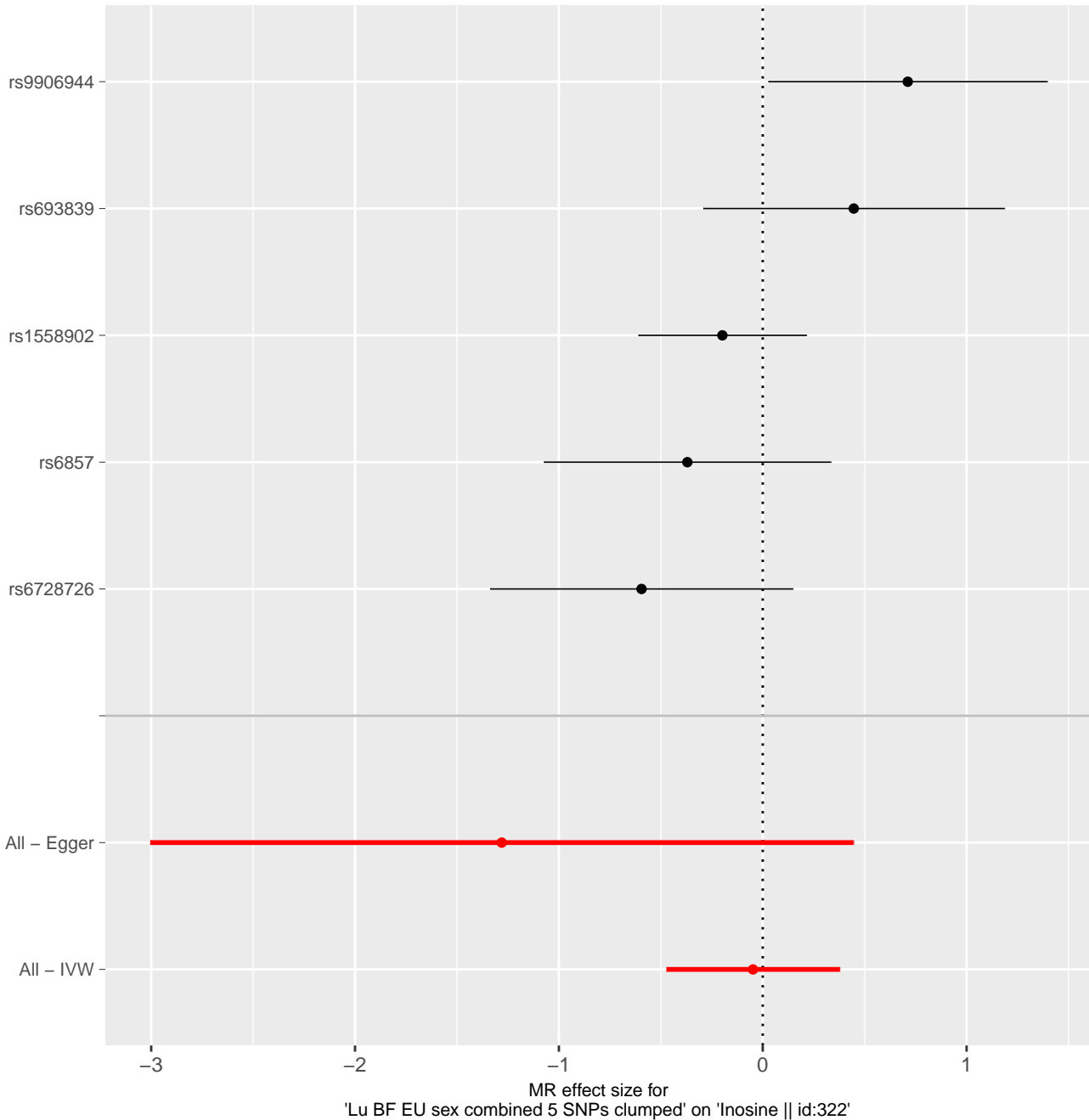


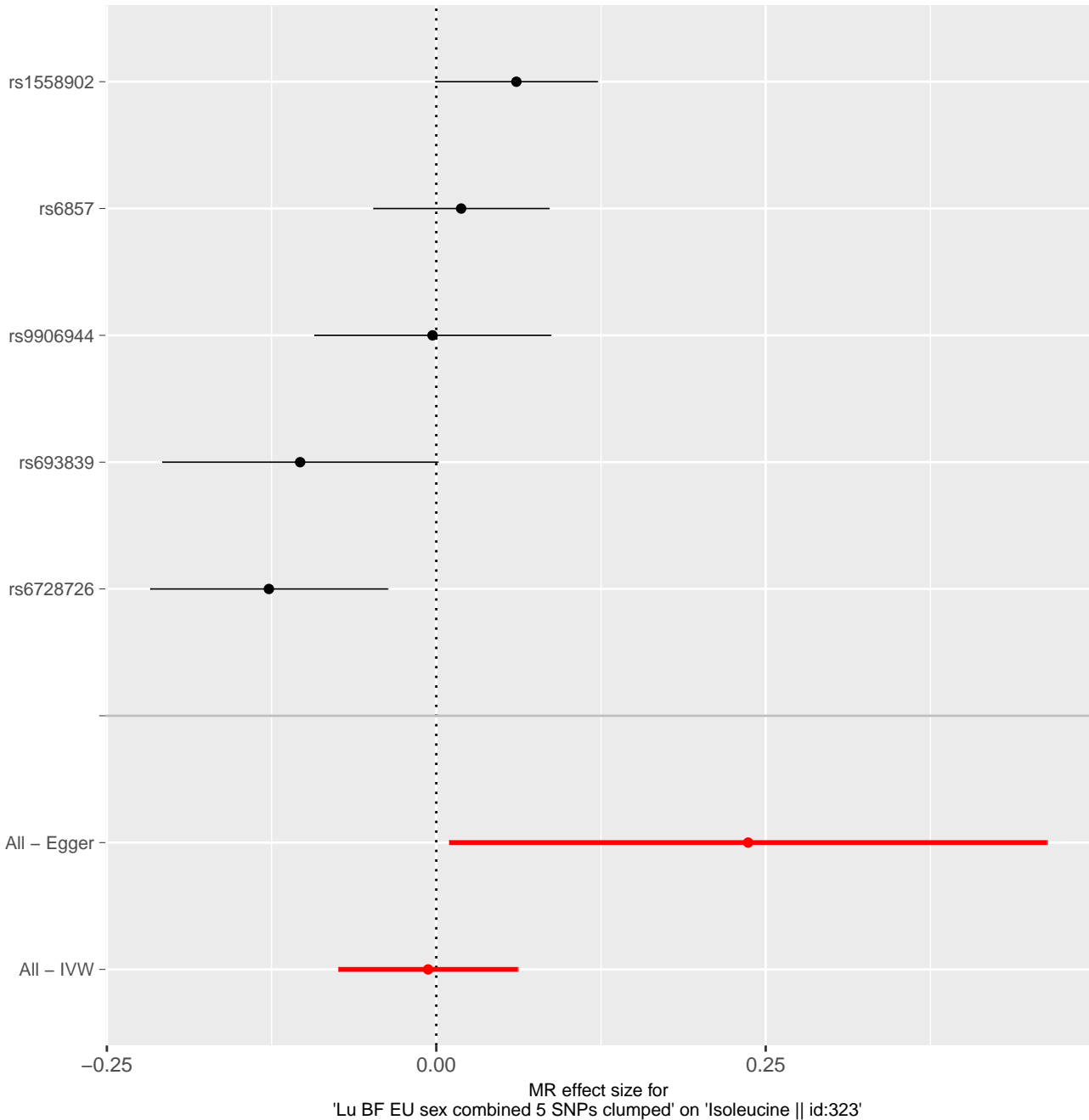


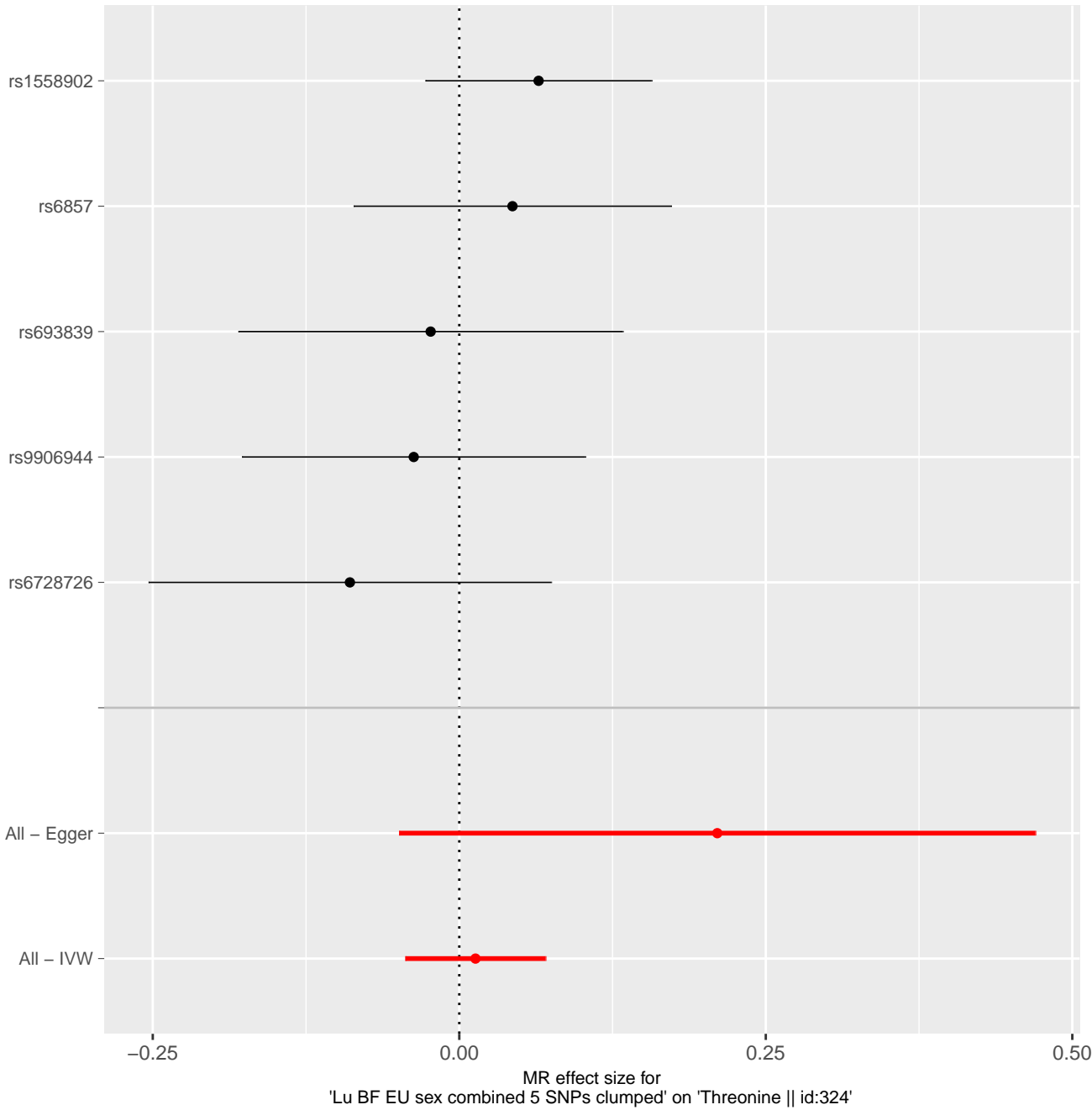












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rs9906944

rs693839

All – Egger

All – IVW

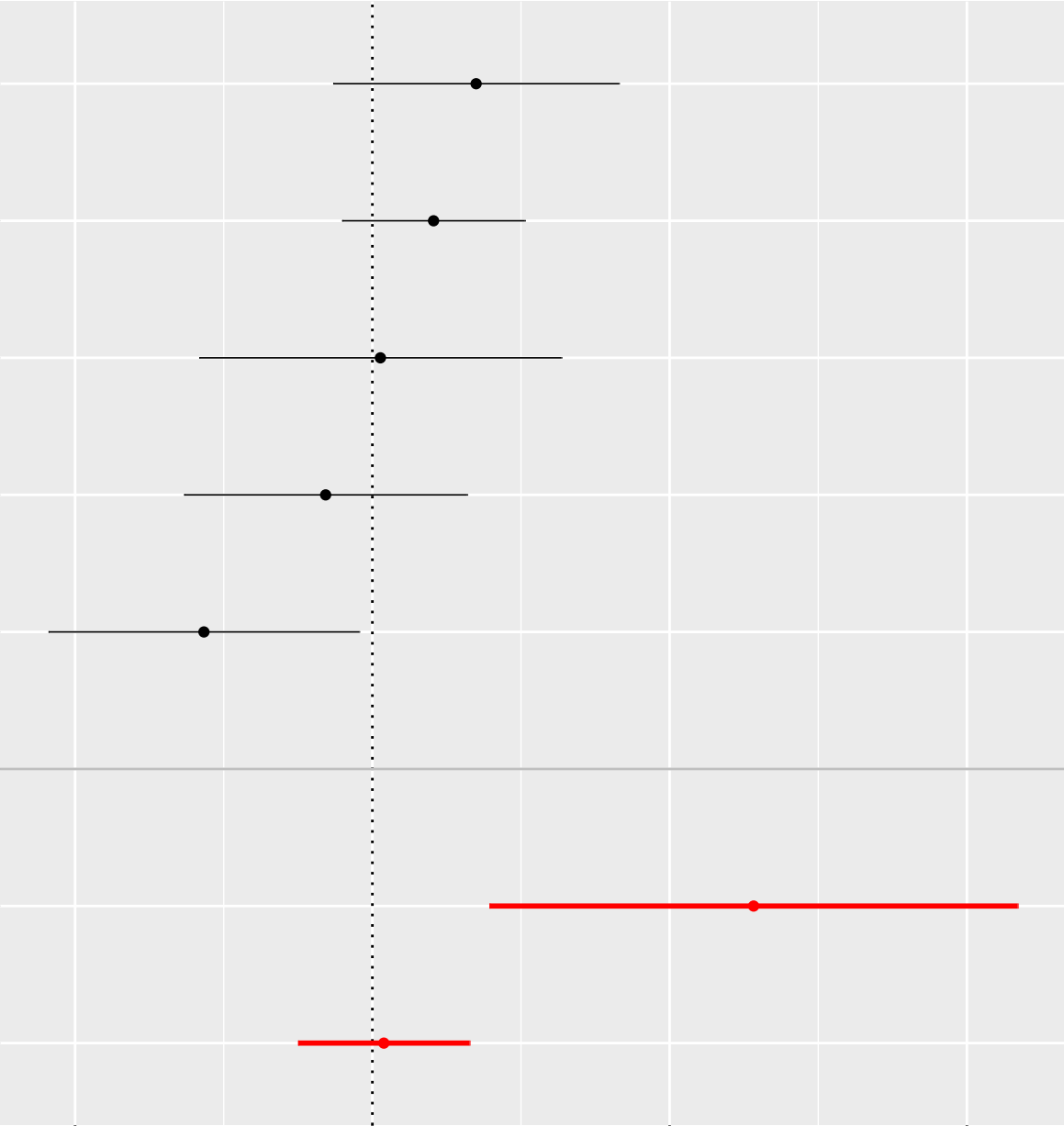
-0.2

0.0

0.2

0.4

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Tyrosine || id:325'



rs9906944

rs1558902

rs6857

rs693839

rs6728726

All – Egger

All – IVW

-0.1

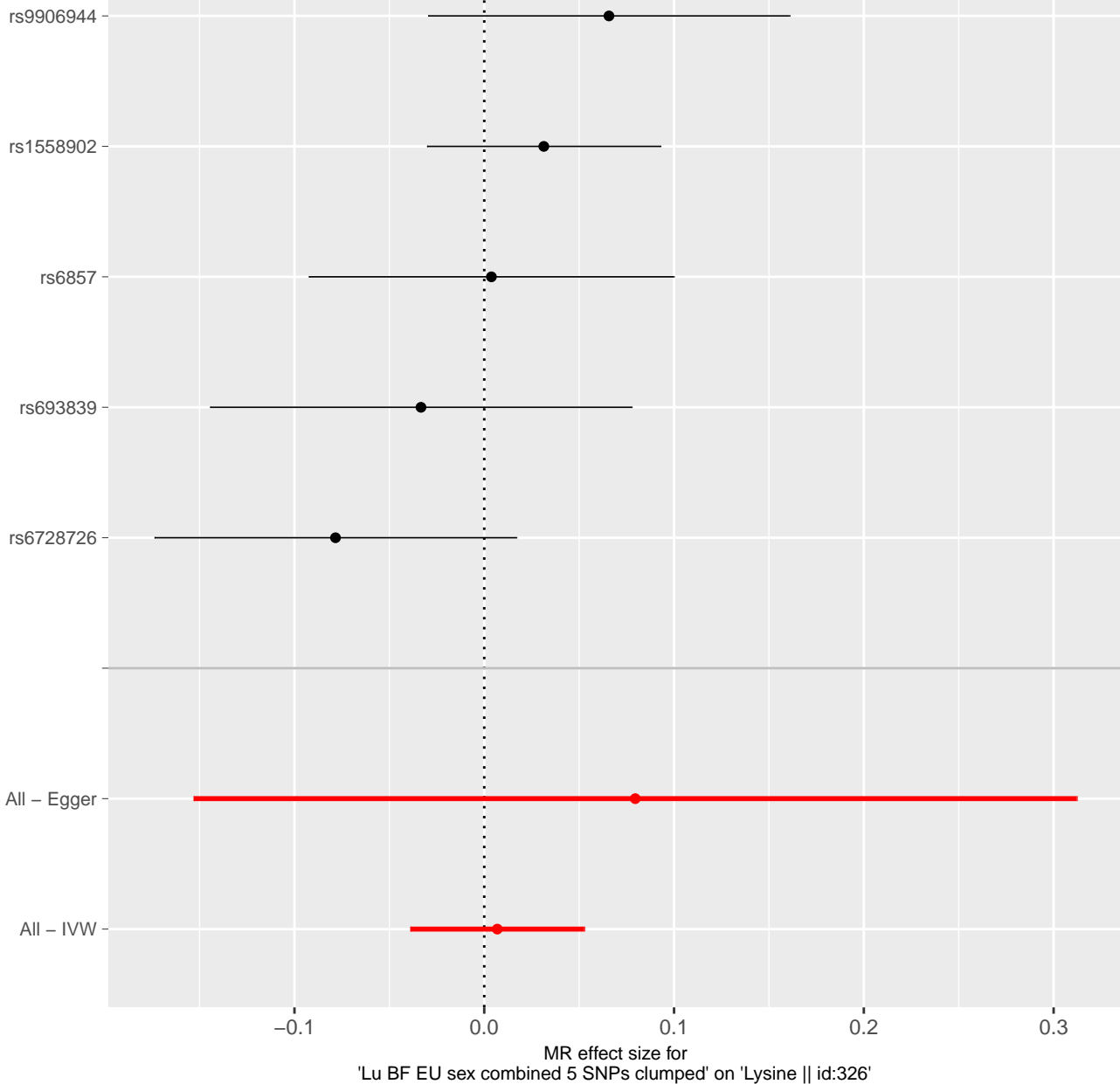
0.0

0.1

0.2

0.3

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Lysine || id:326'



rs6857

rs1558902

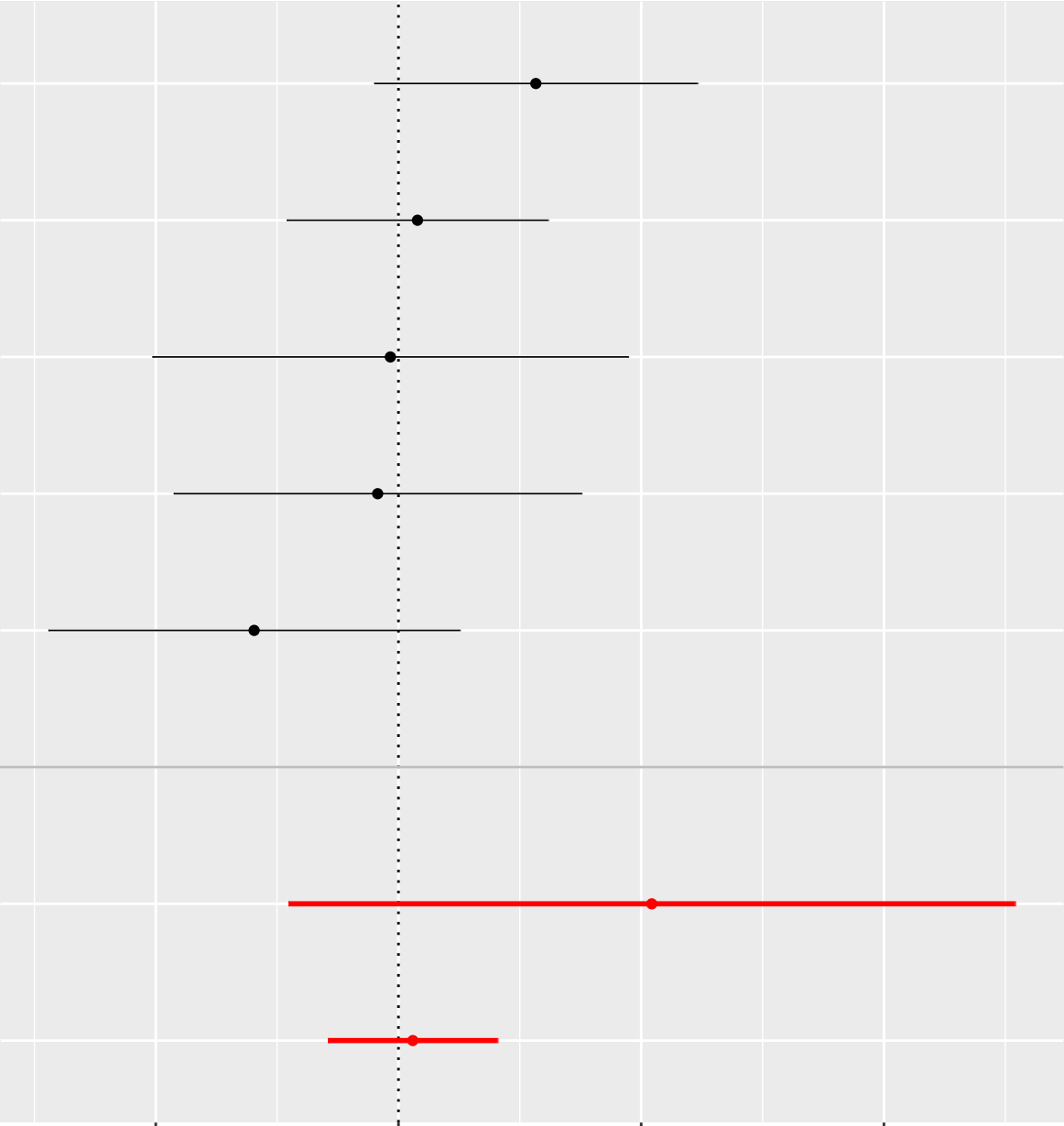
rs693839

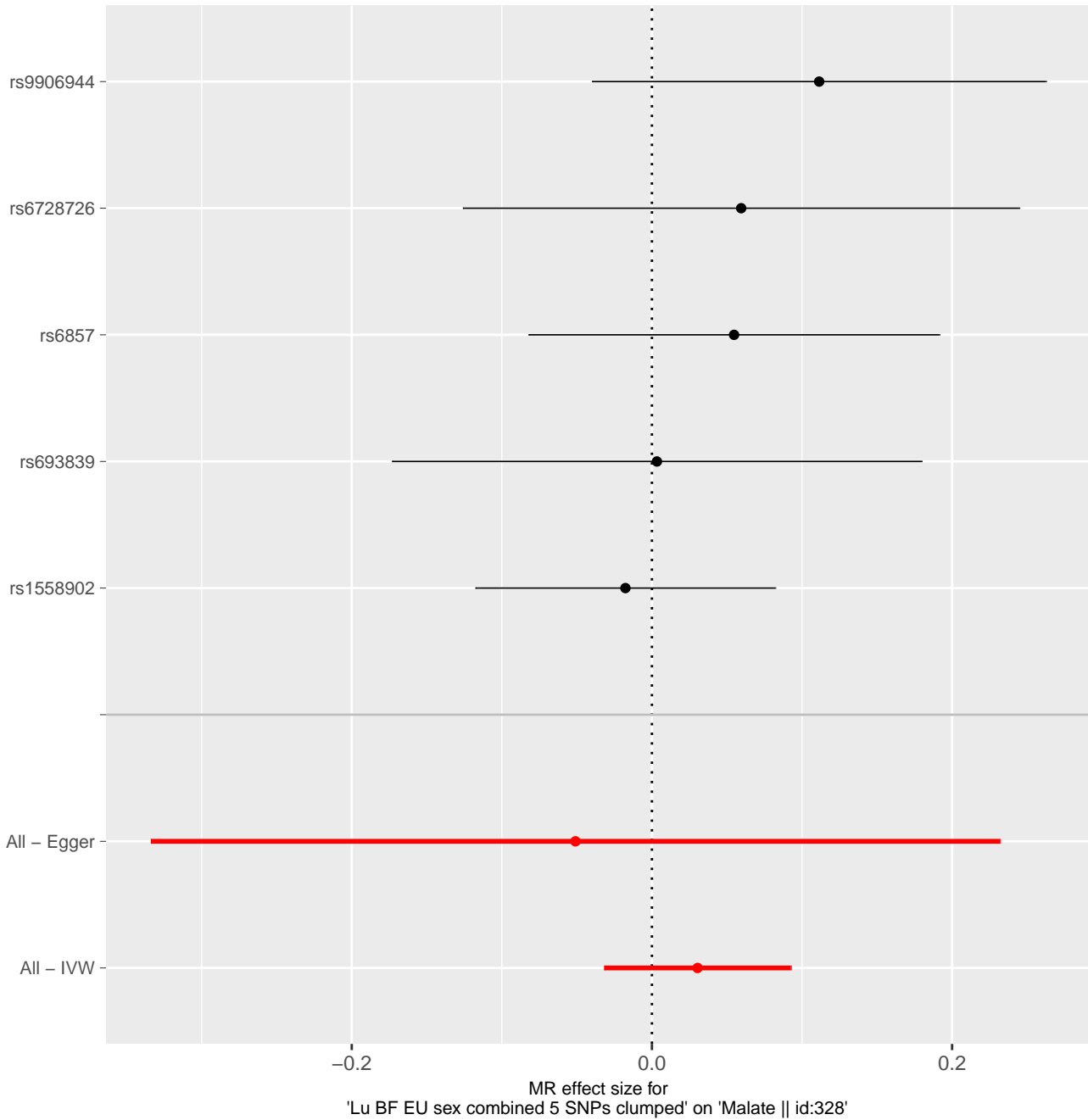
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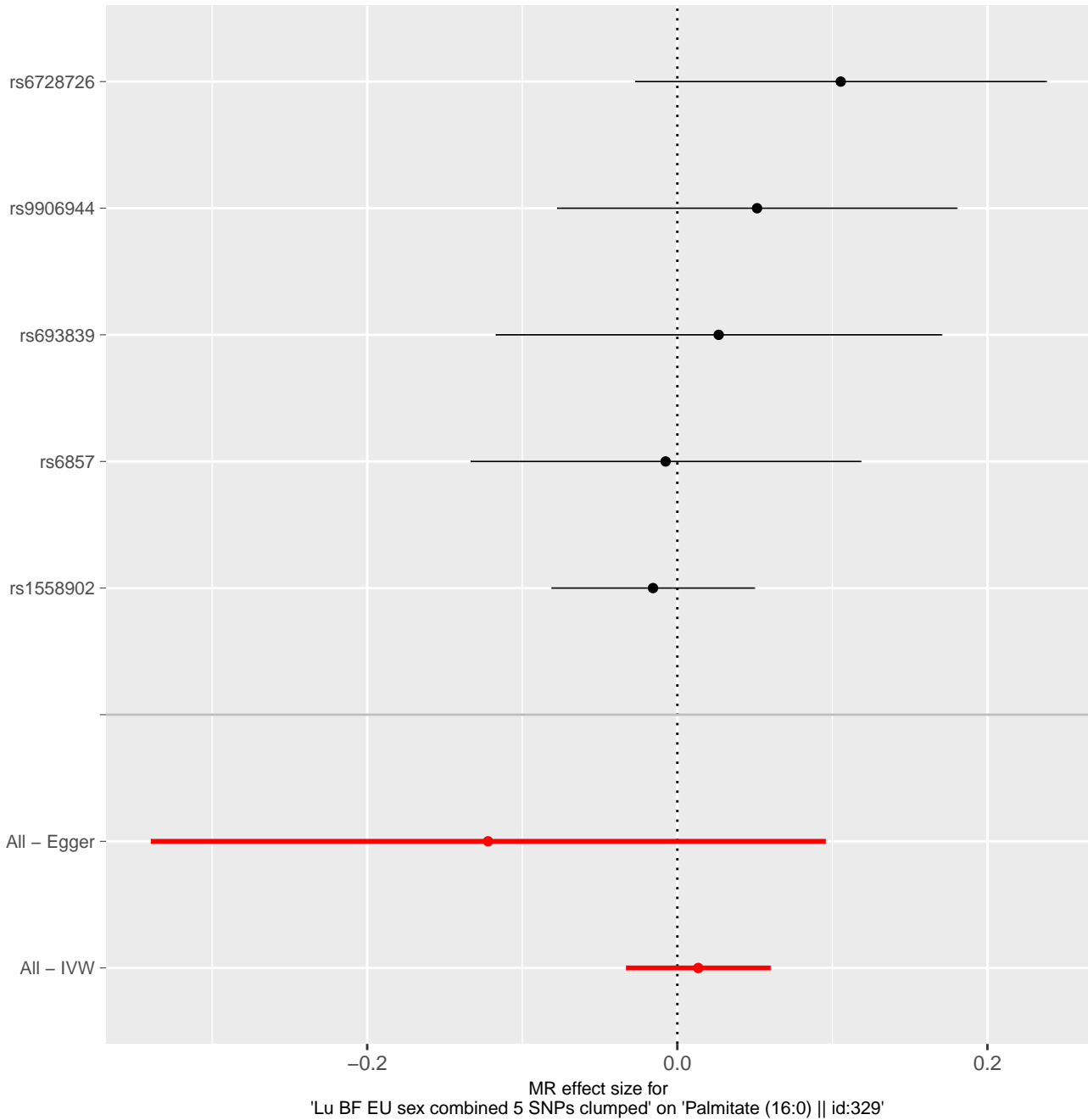
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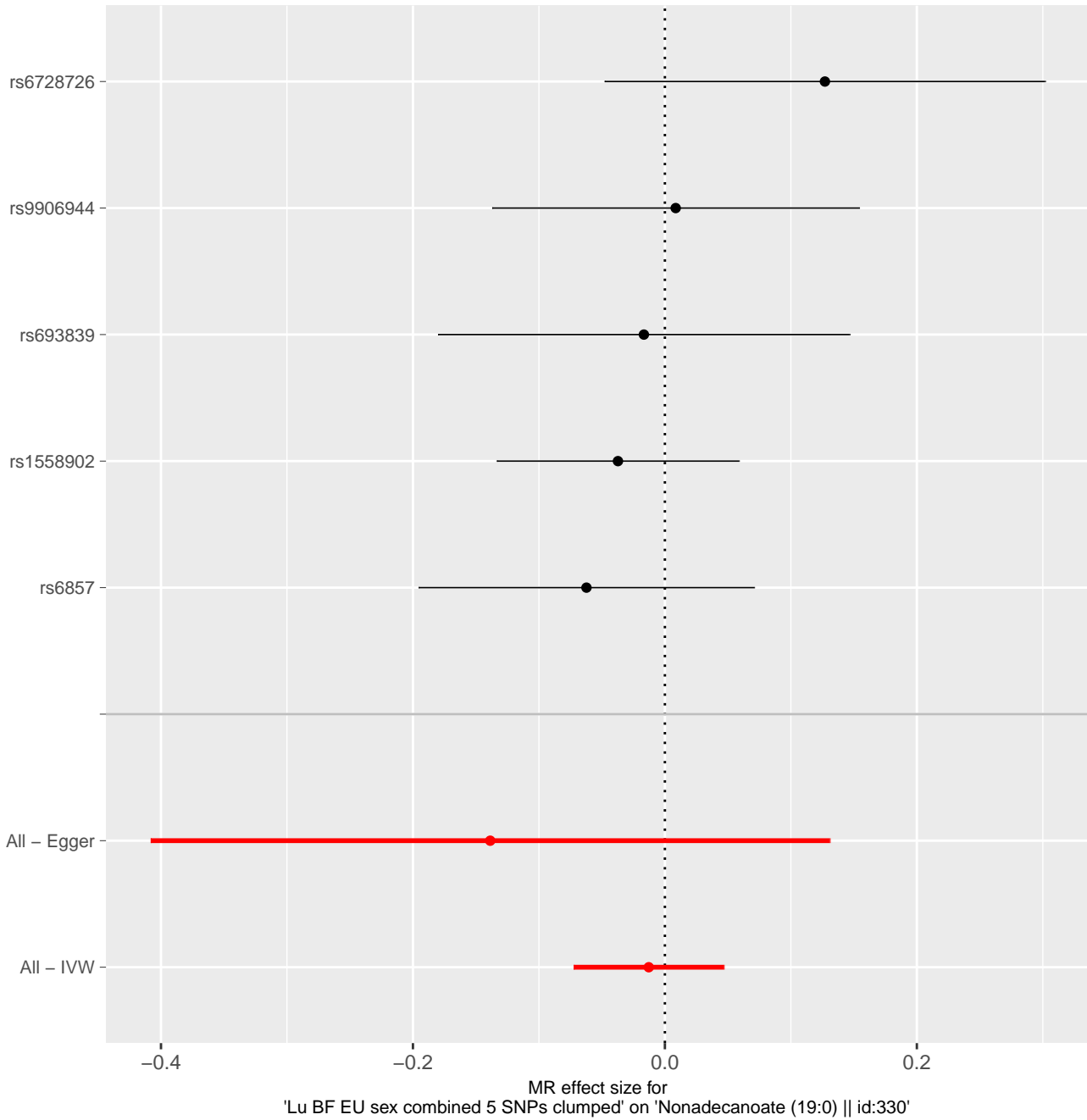
All – Egger

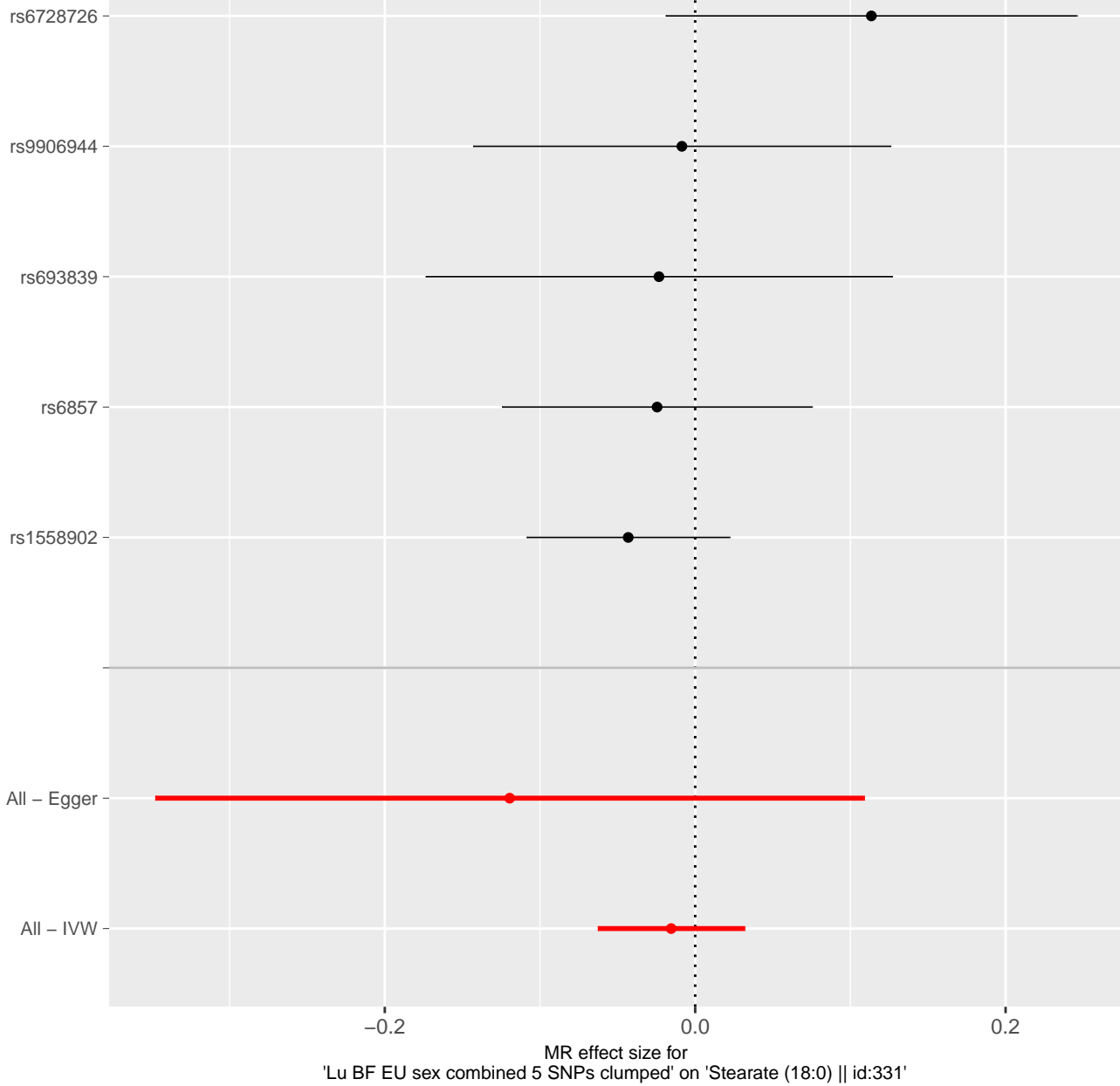
All – IVW

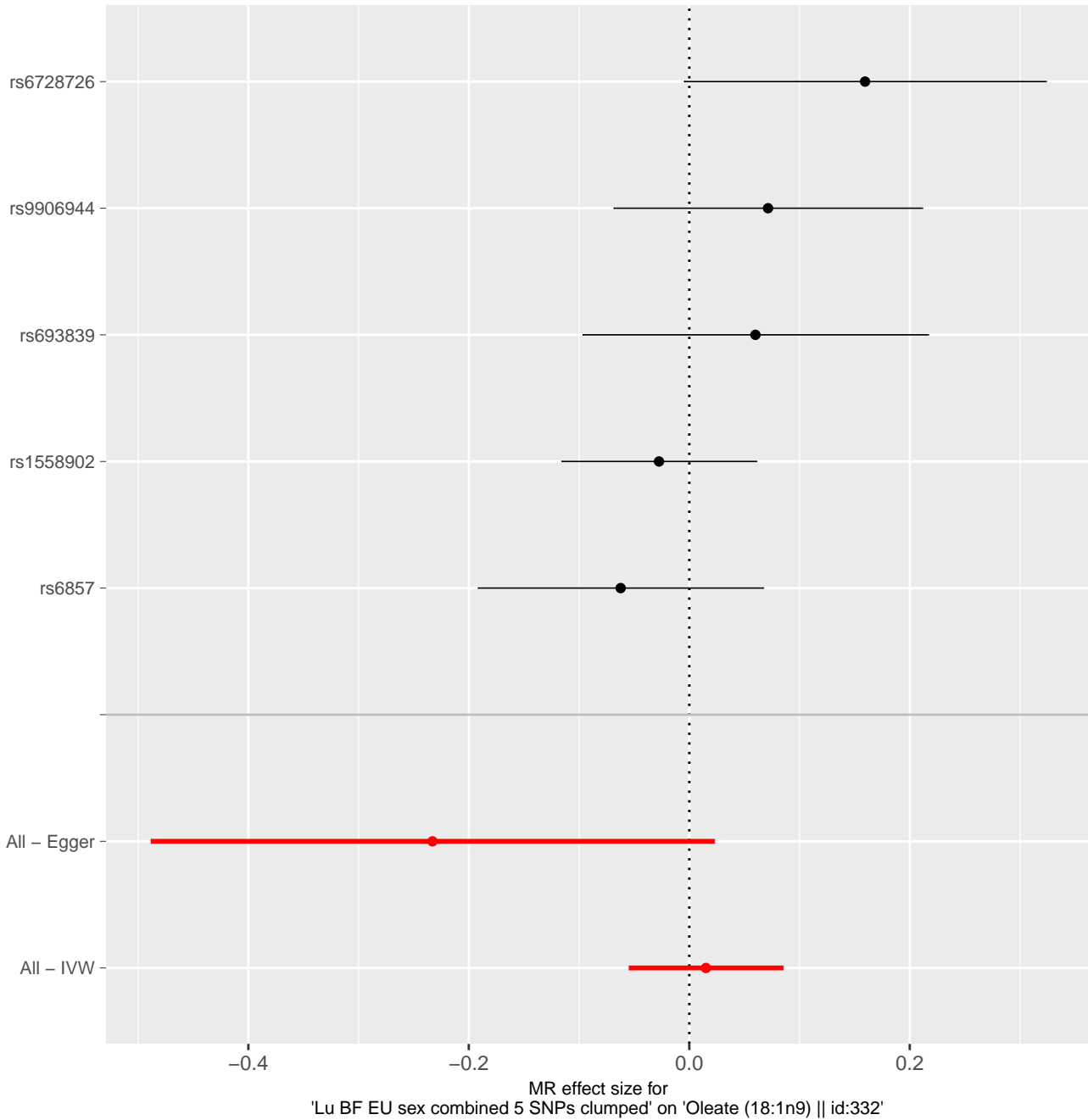


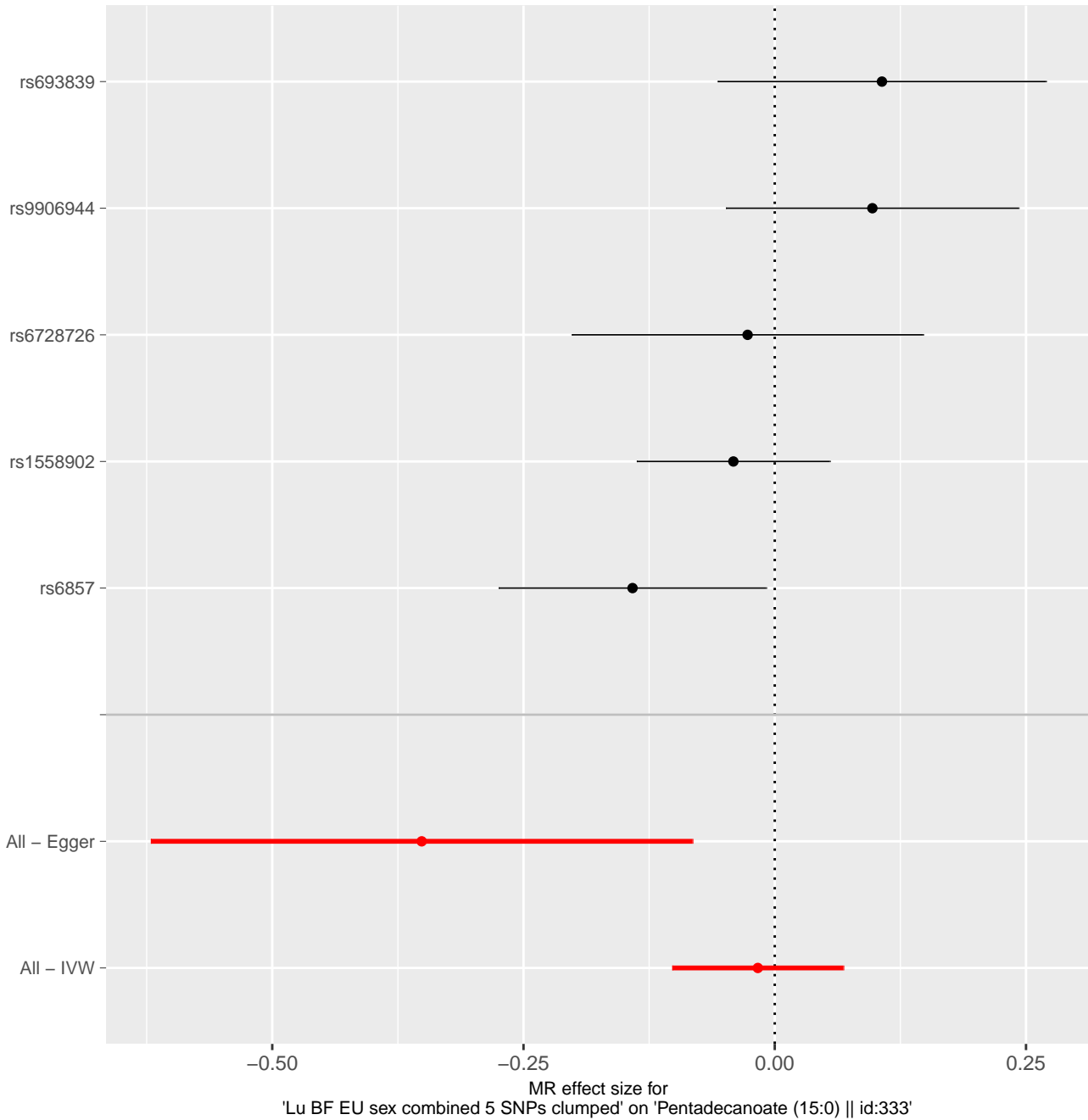


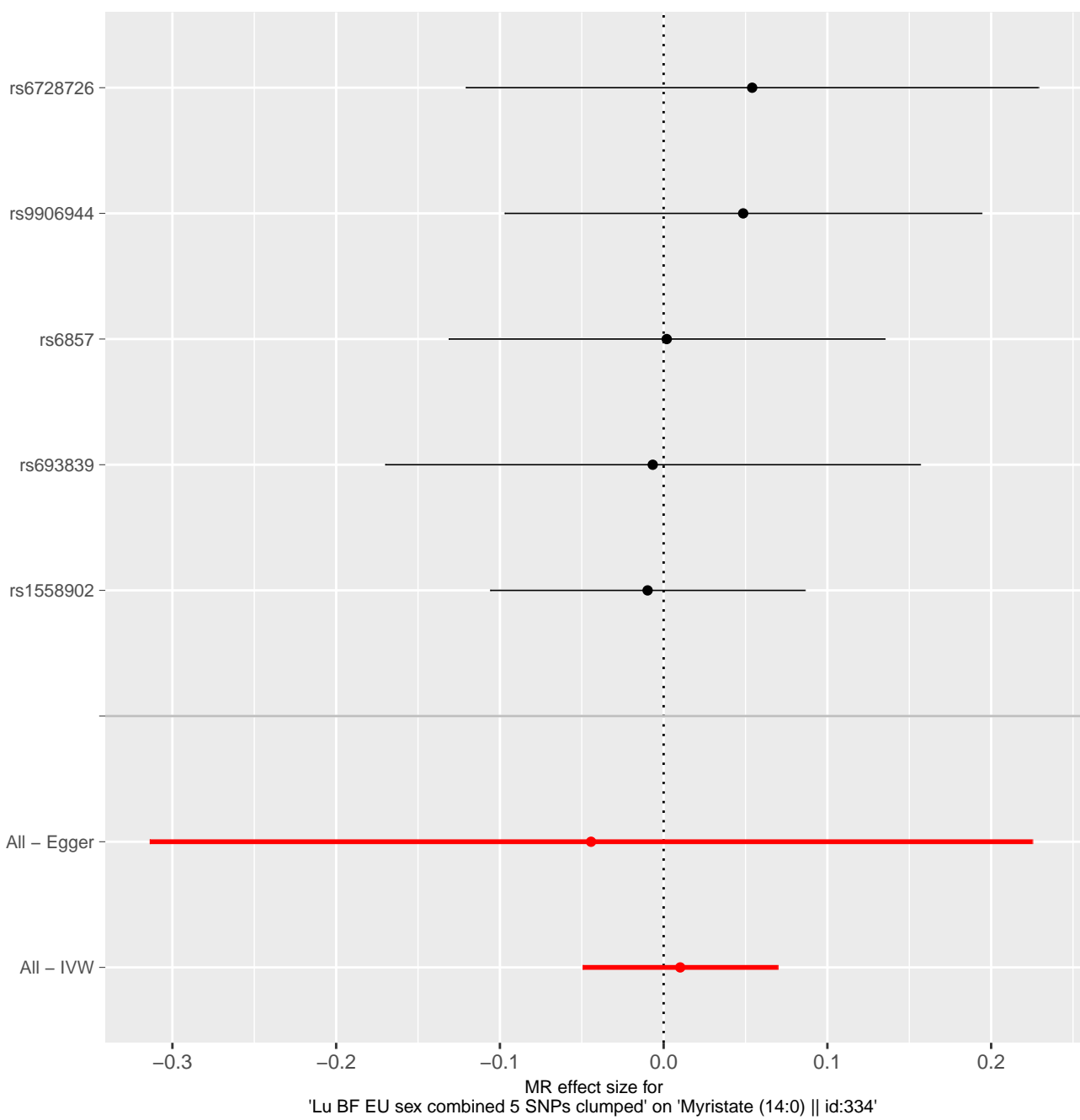


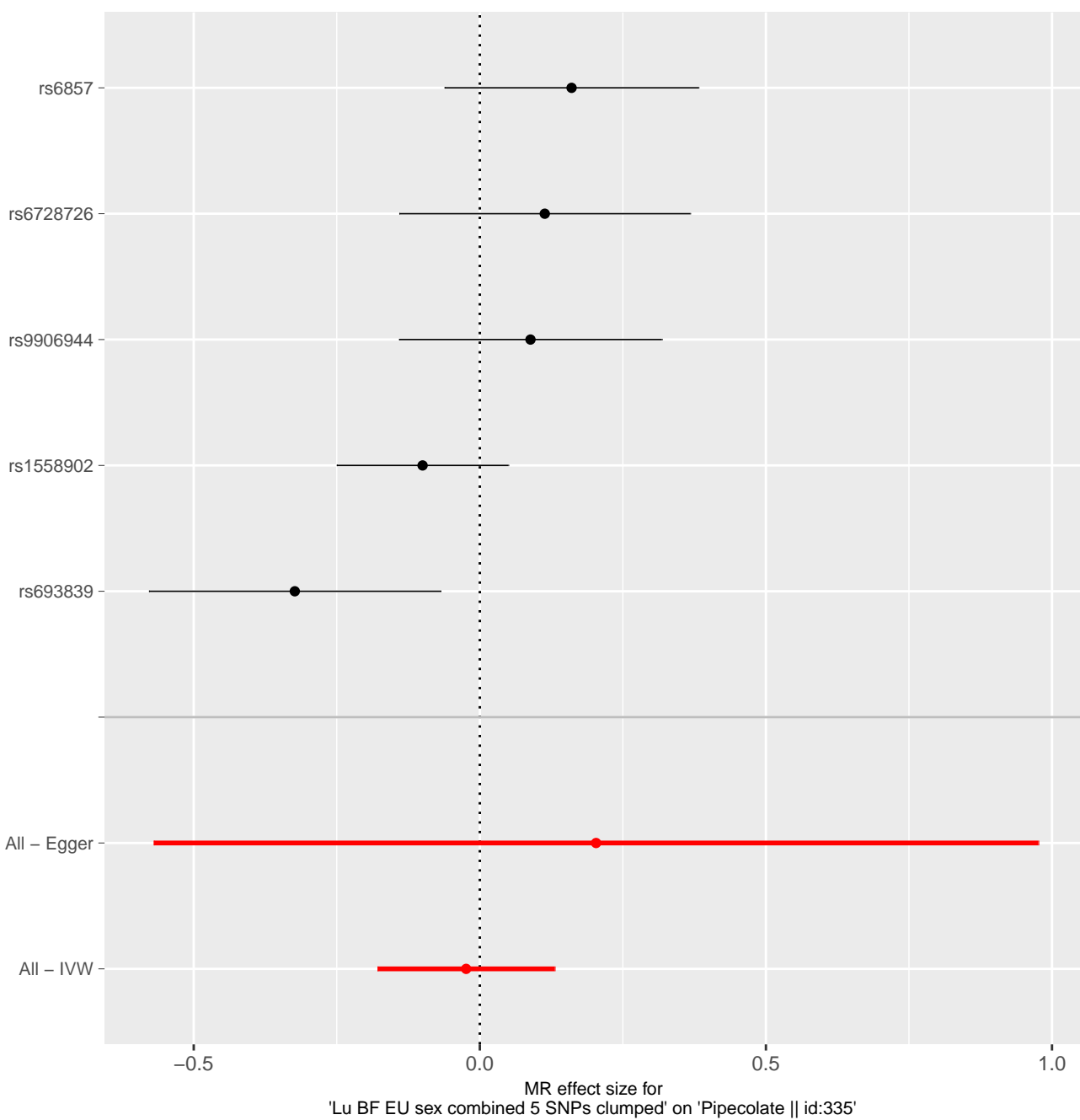


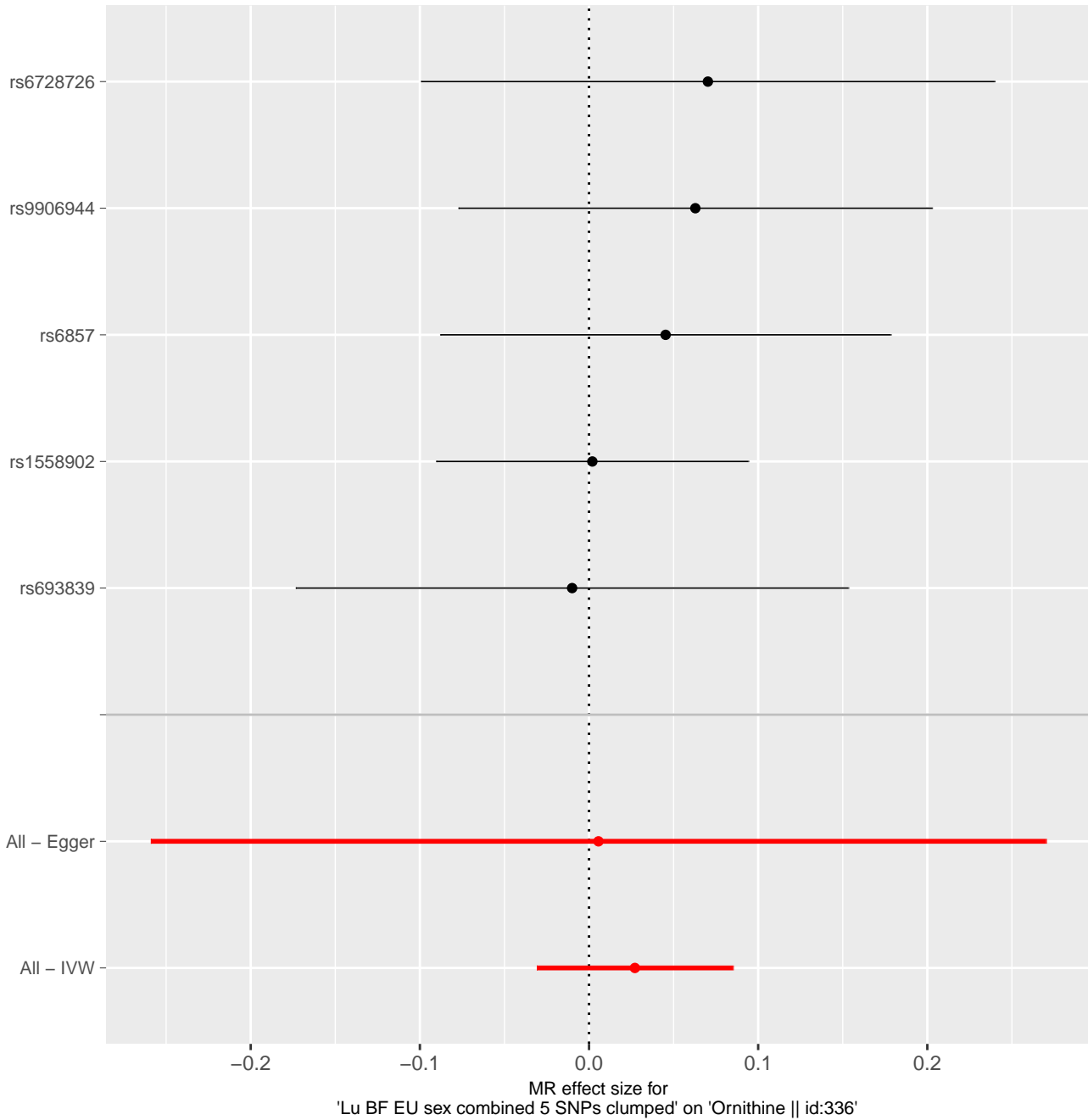


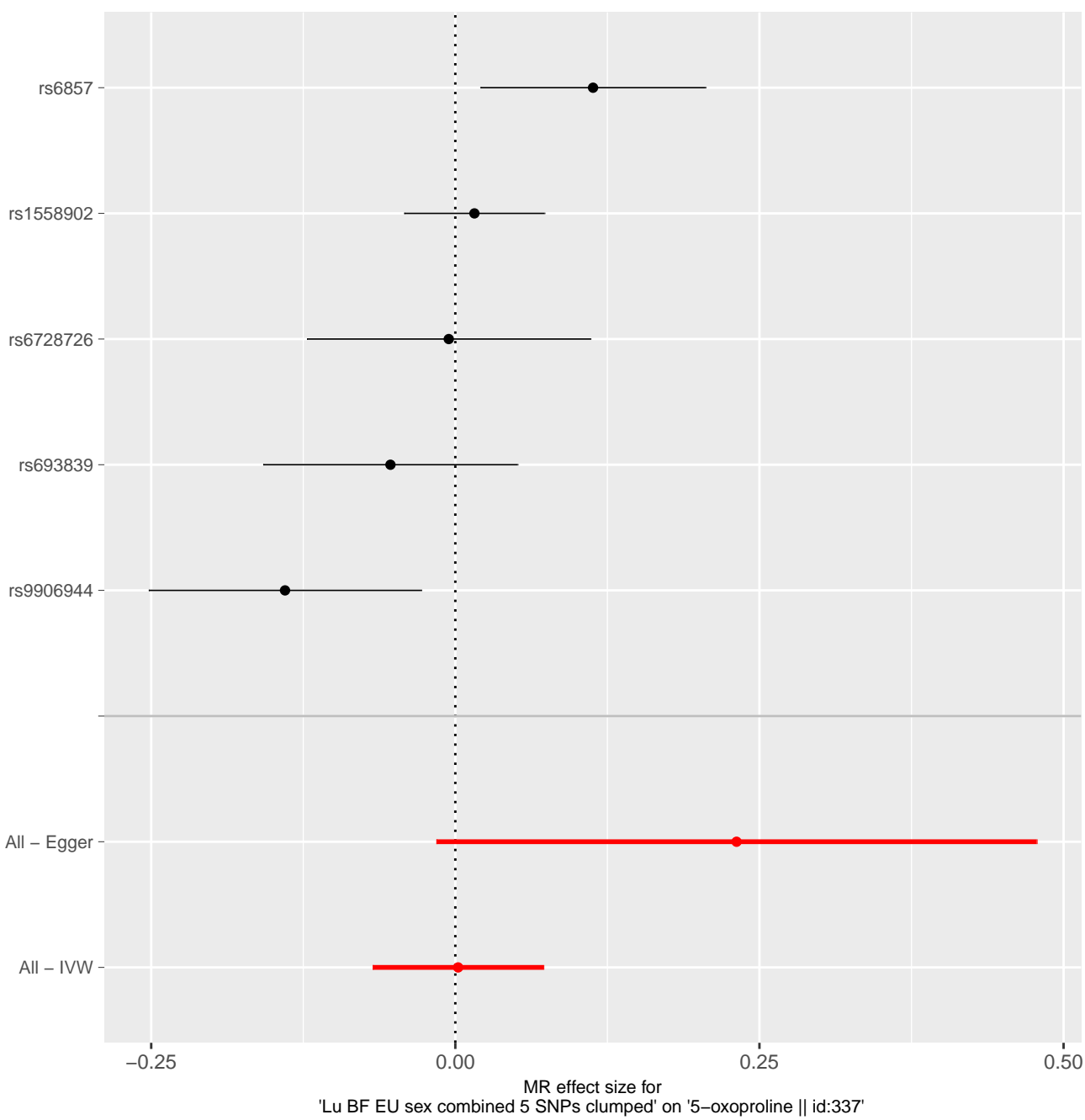












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rs693839

All – Egger

All – IVW

-0.2

0.0

0.2

0.4

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Pantothenate || id:338'

rs9906944

rs6857

rs1558902

rs6728726

rs693839

All – Egger

All – IVW

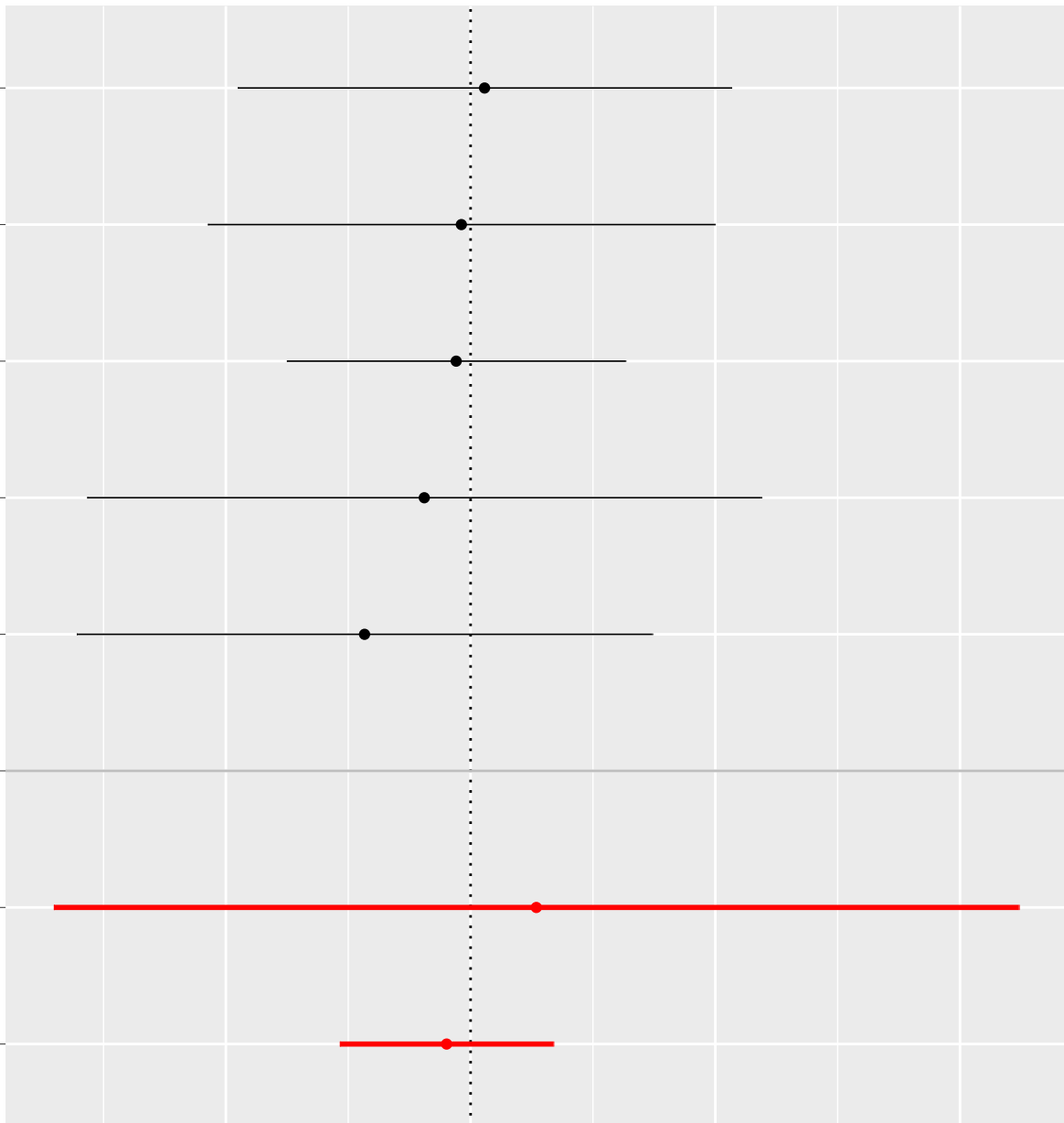
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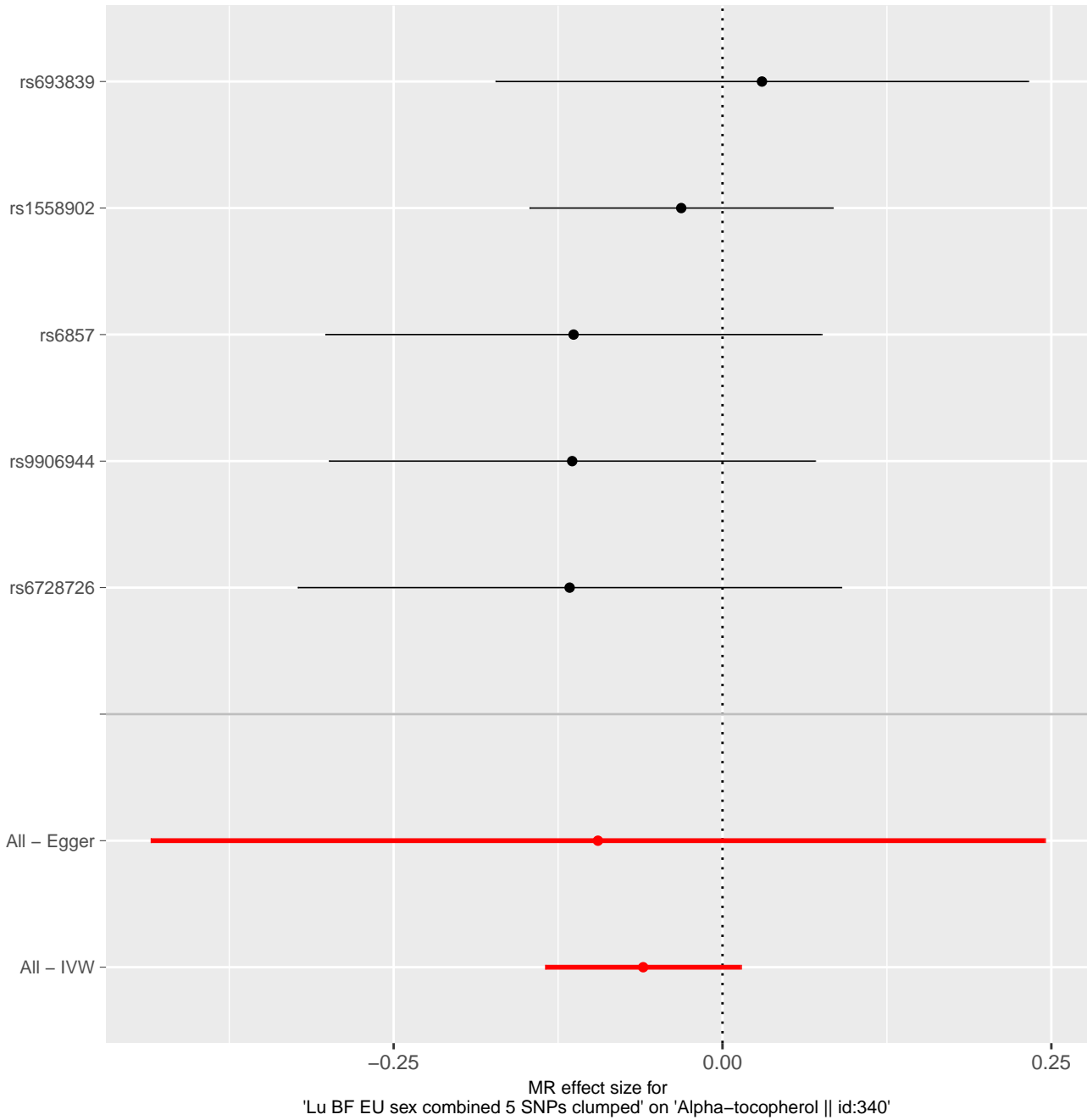
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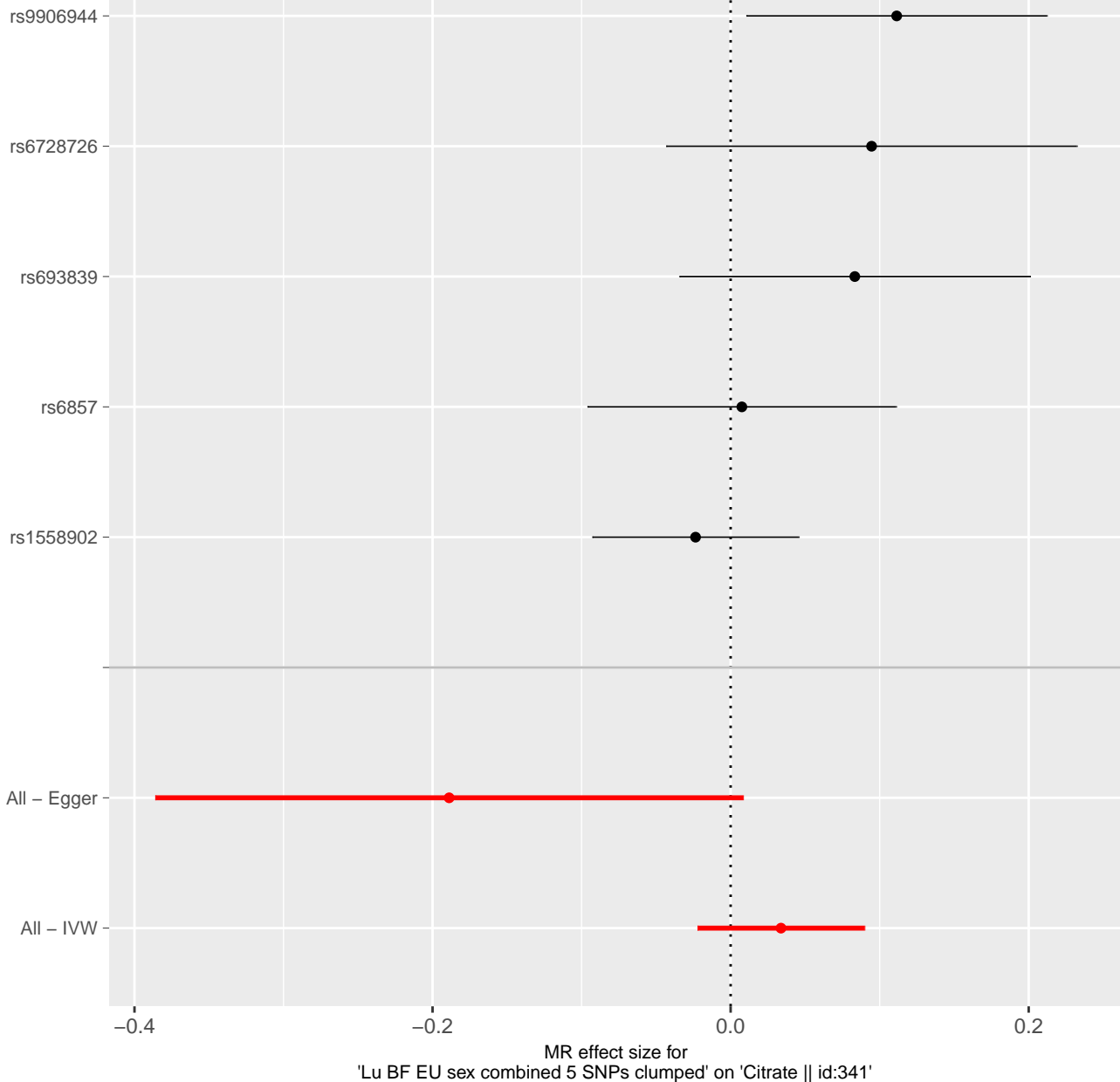
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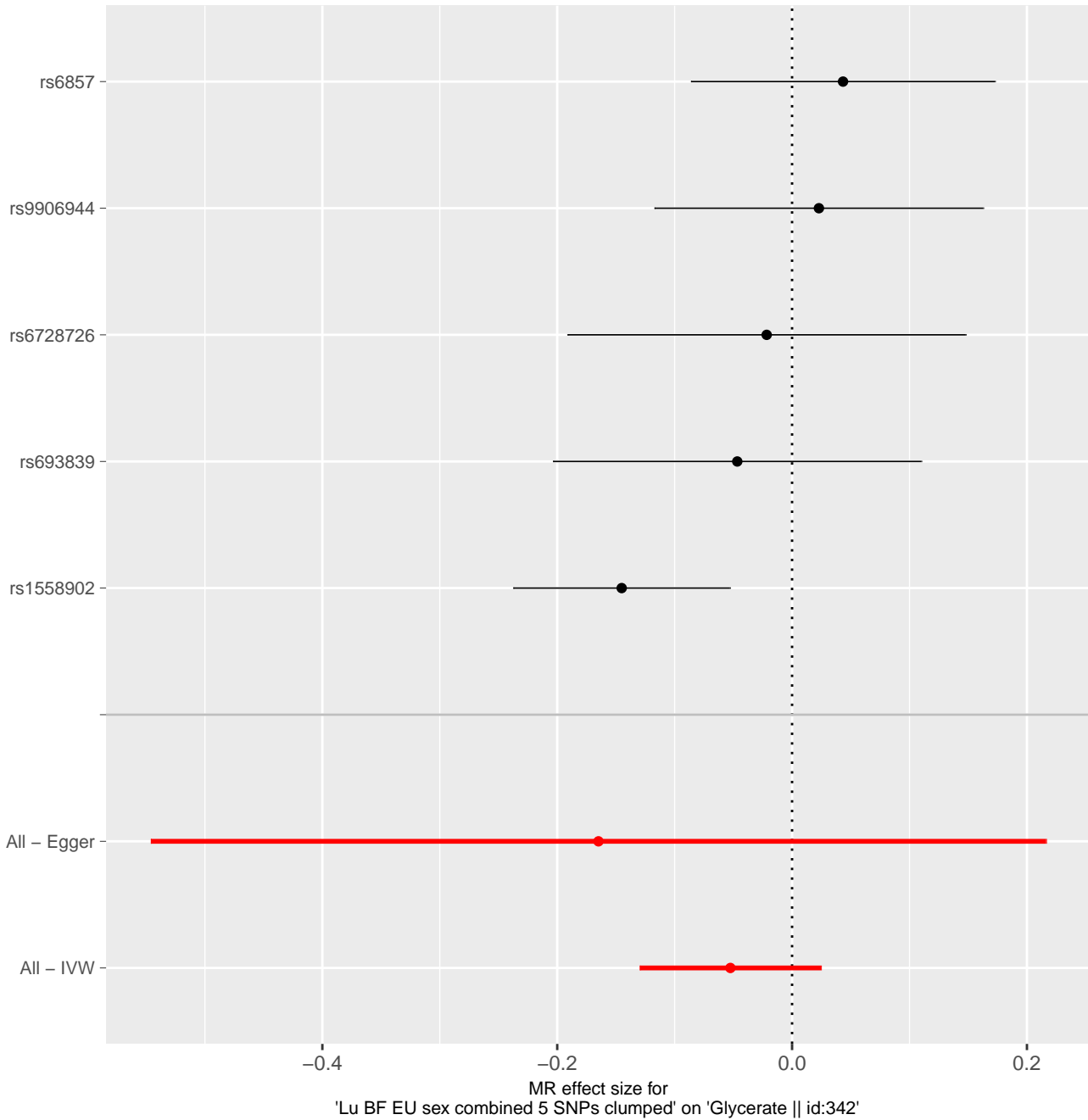
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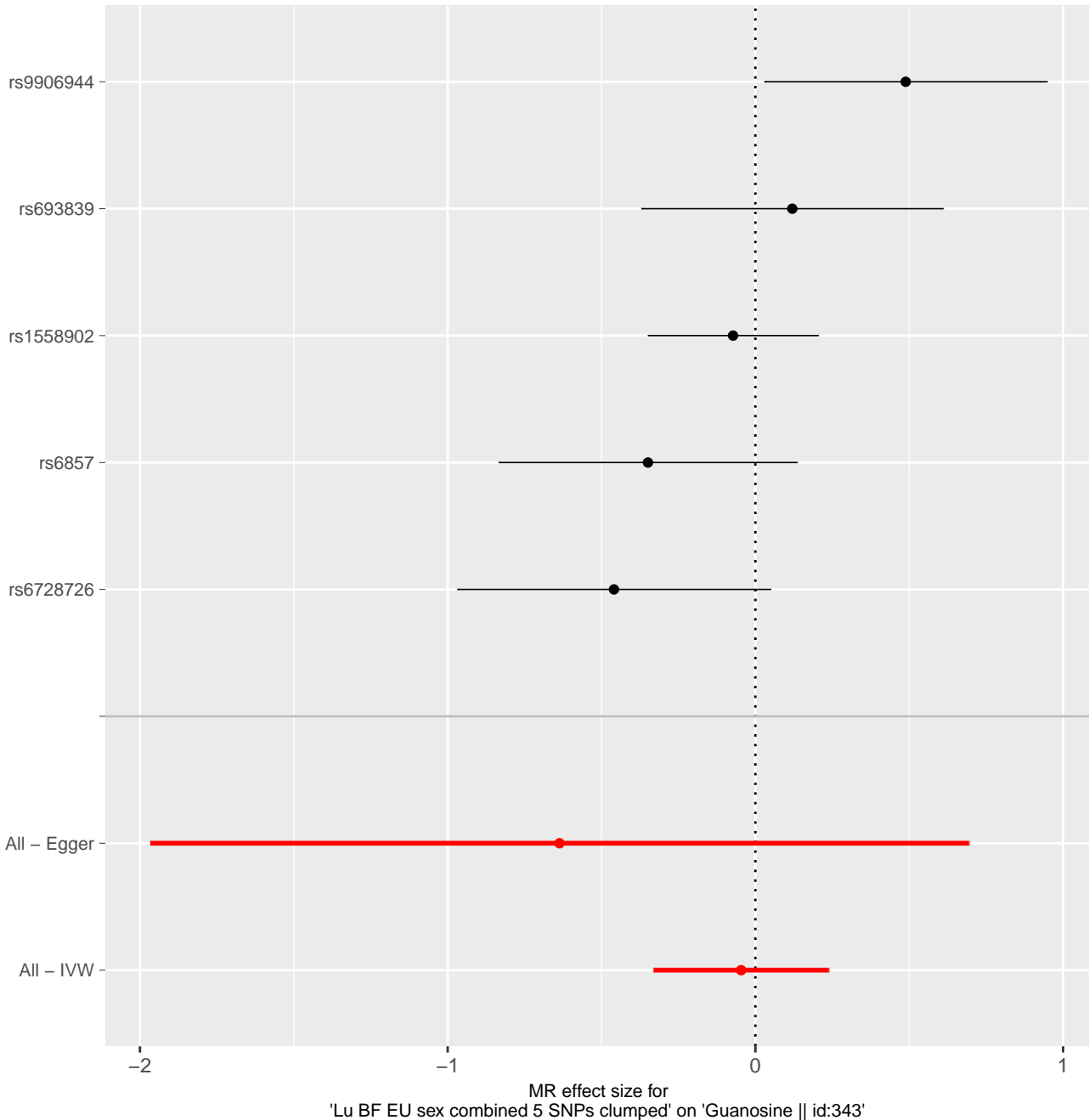
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on '4-acetamidobutanoate || id:339'











rs6728726

rs6857

rs1558902

rs9906944

rs693839

All – Egger

All – IVW

-0.1

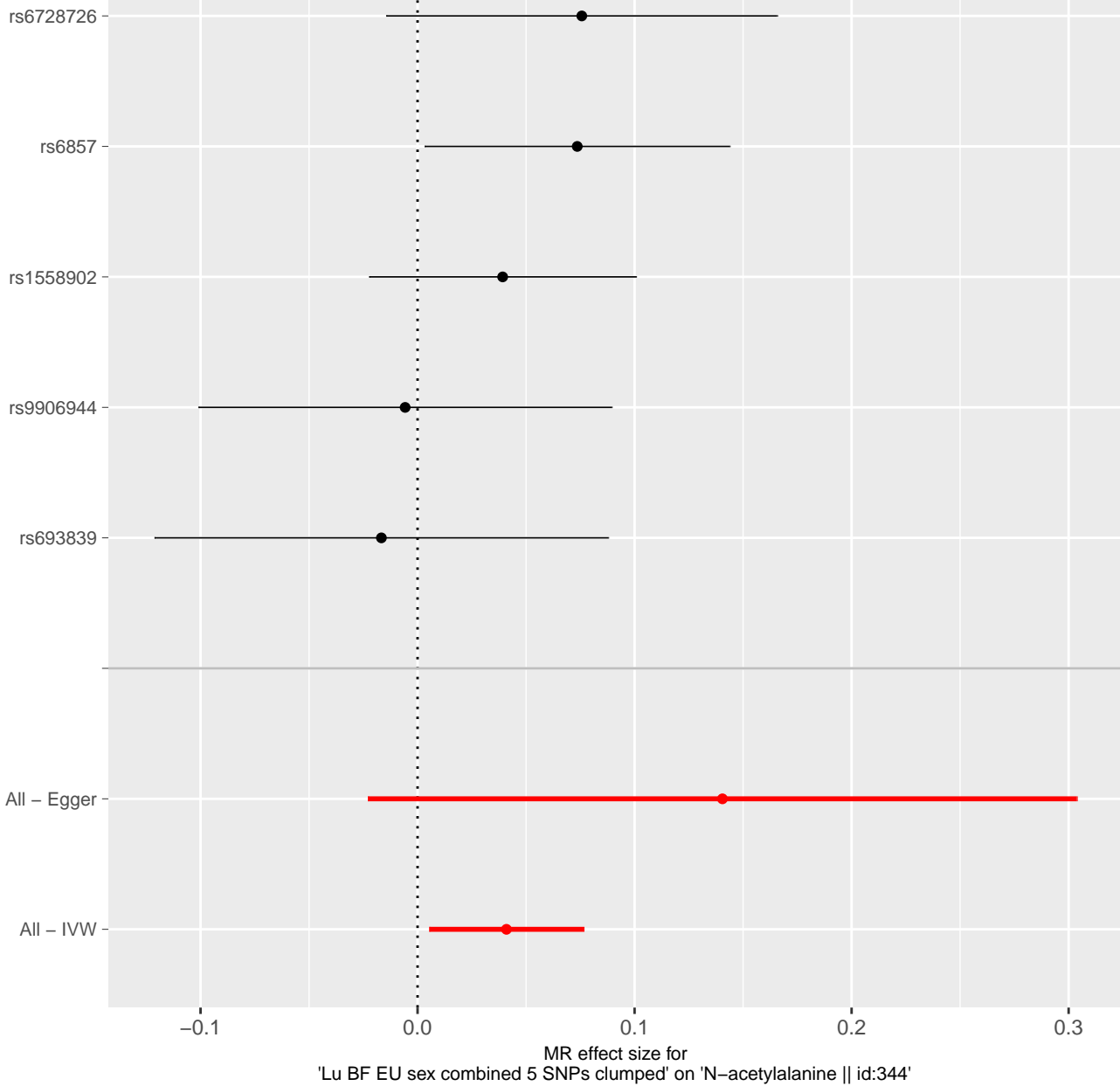
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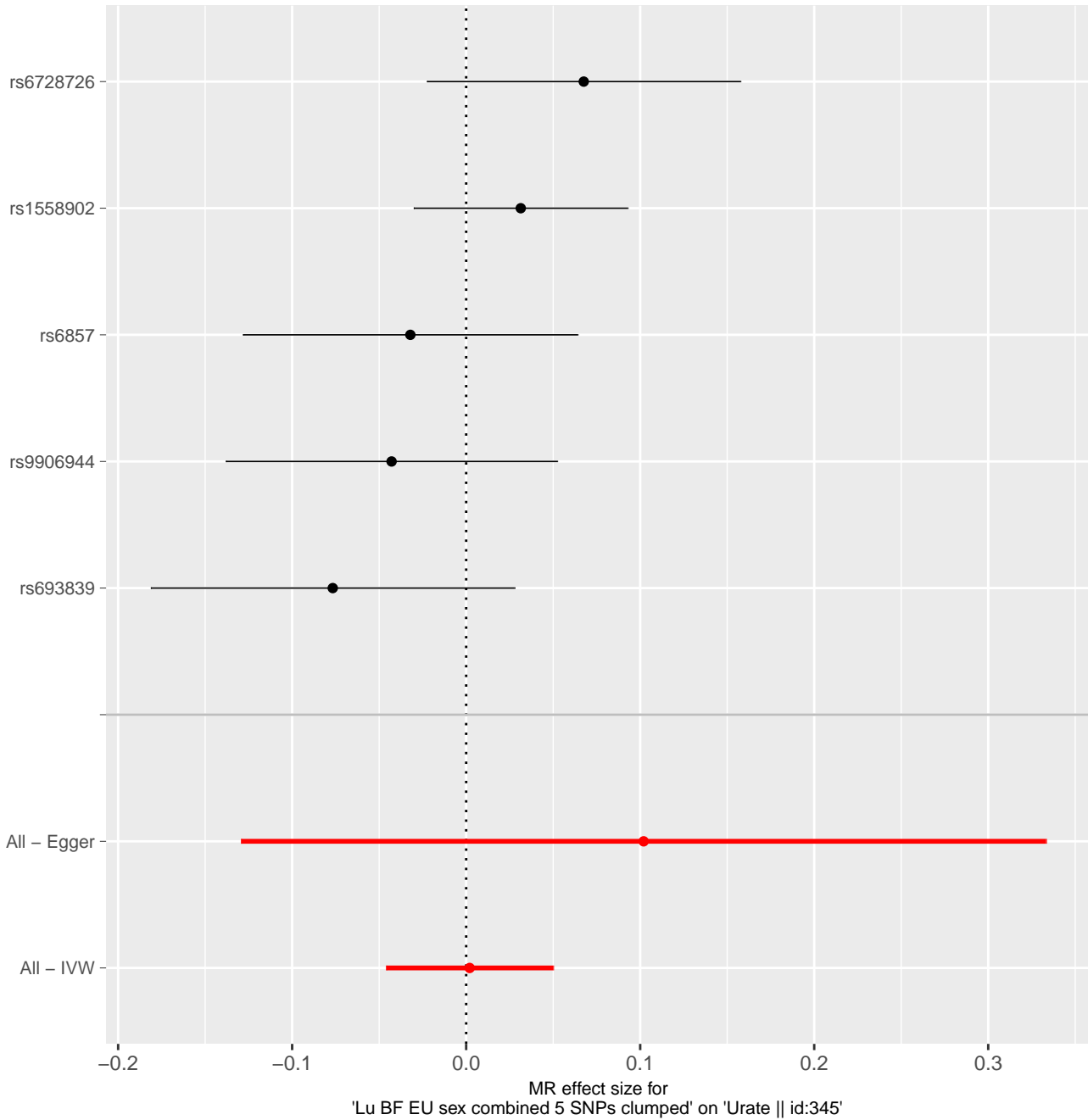
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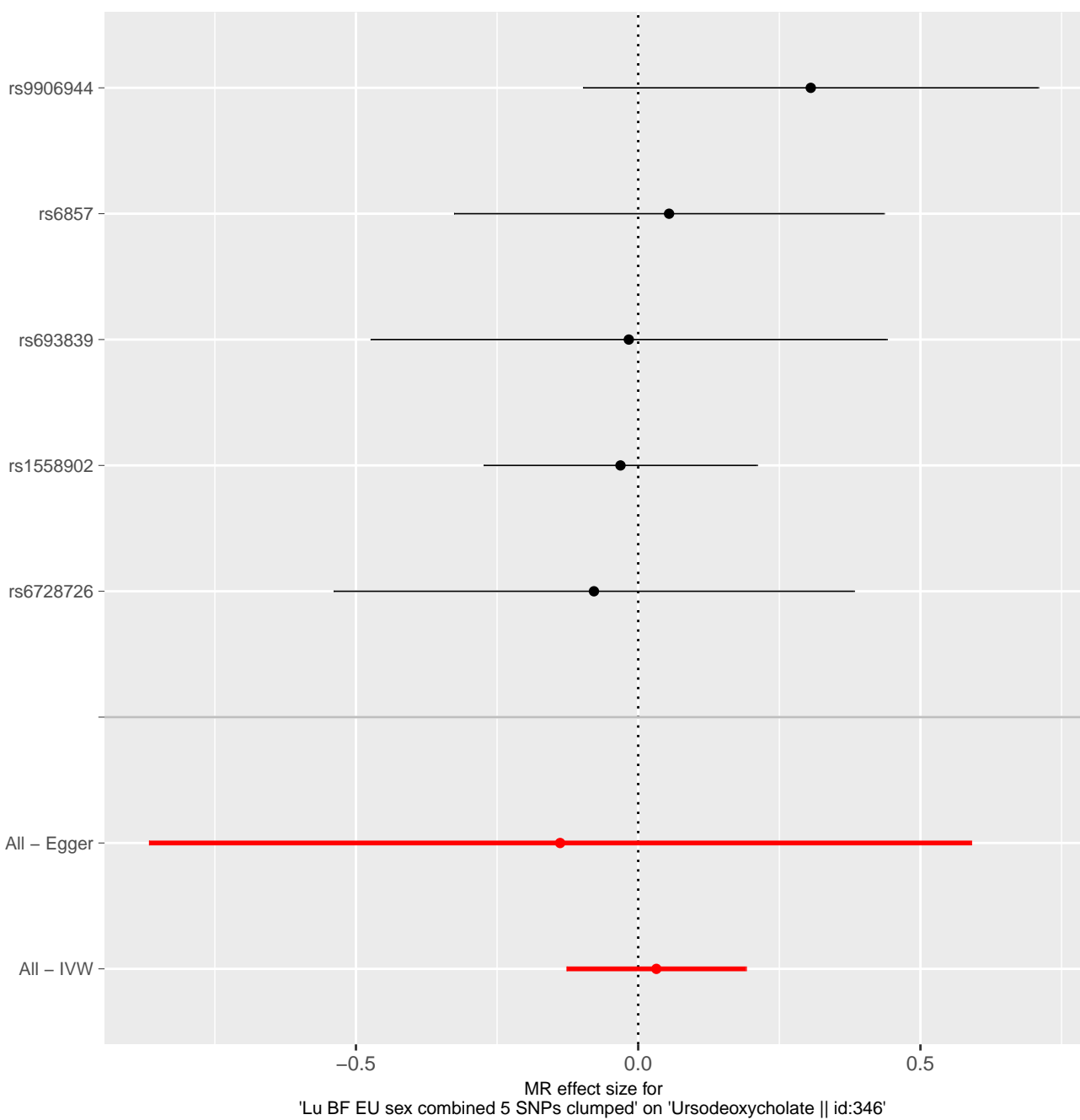
0.2

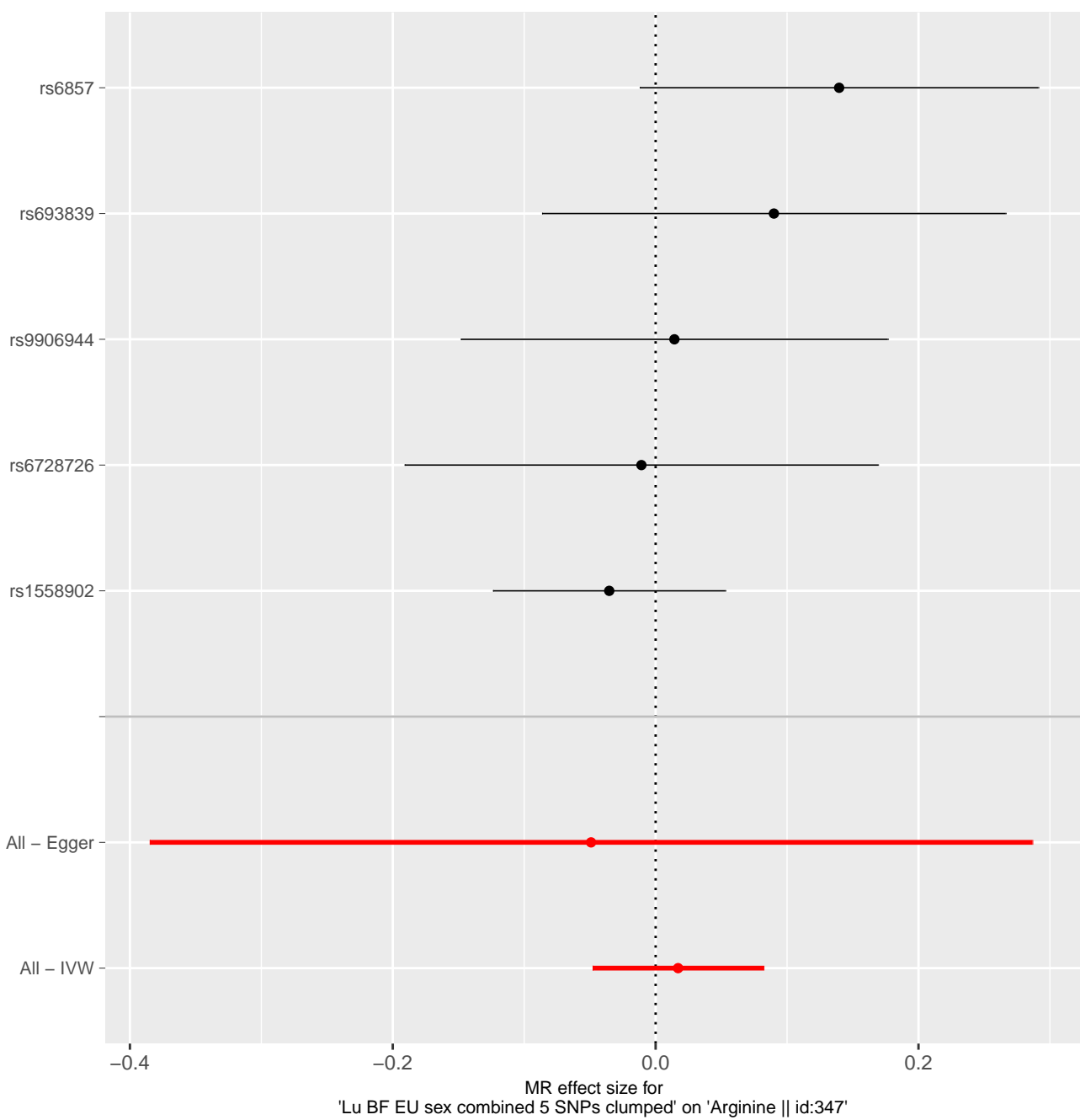
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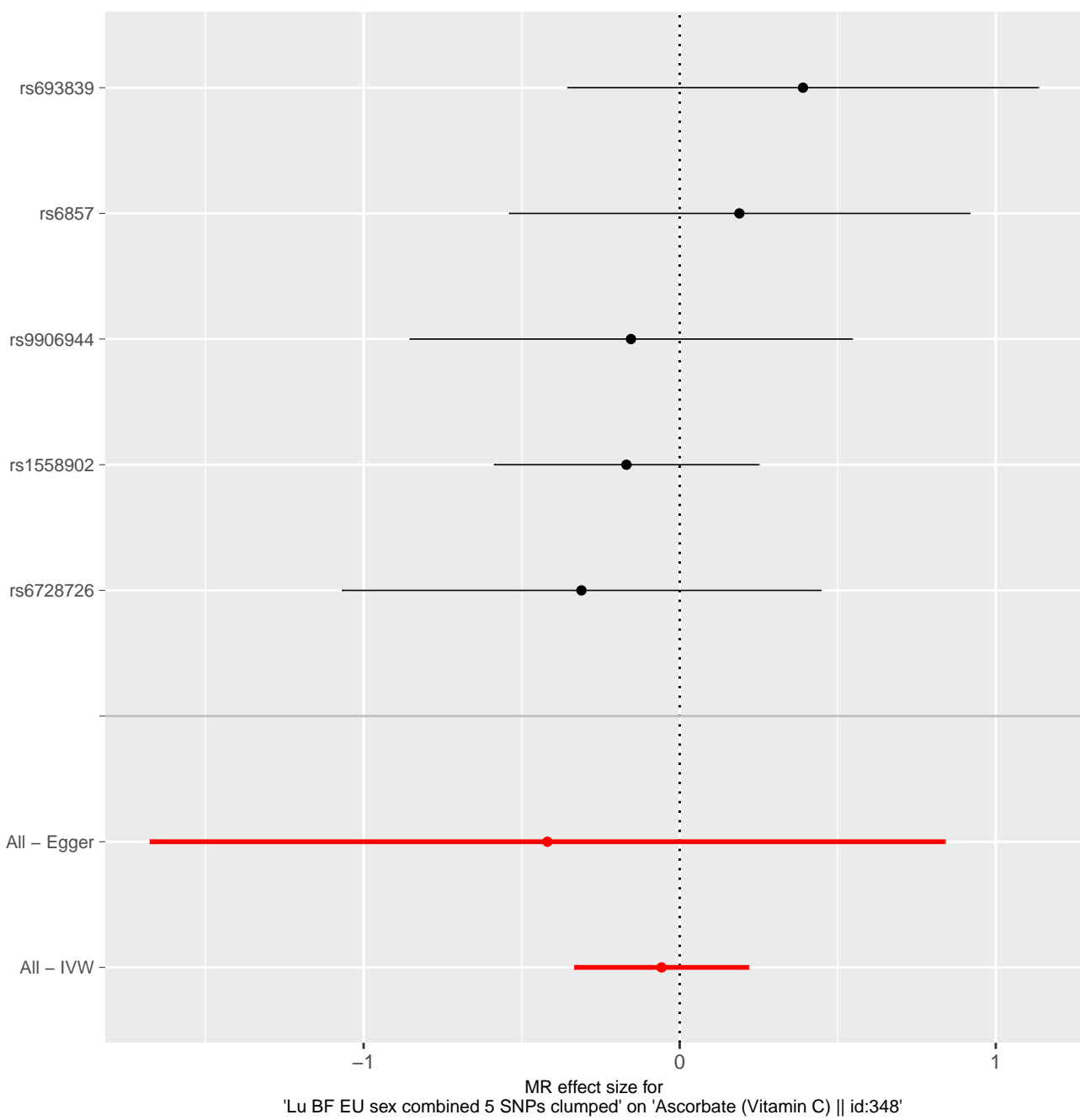
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'N-acetylalanine || id:344'

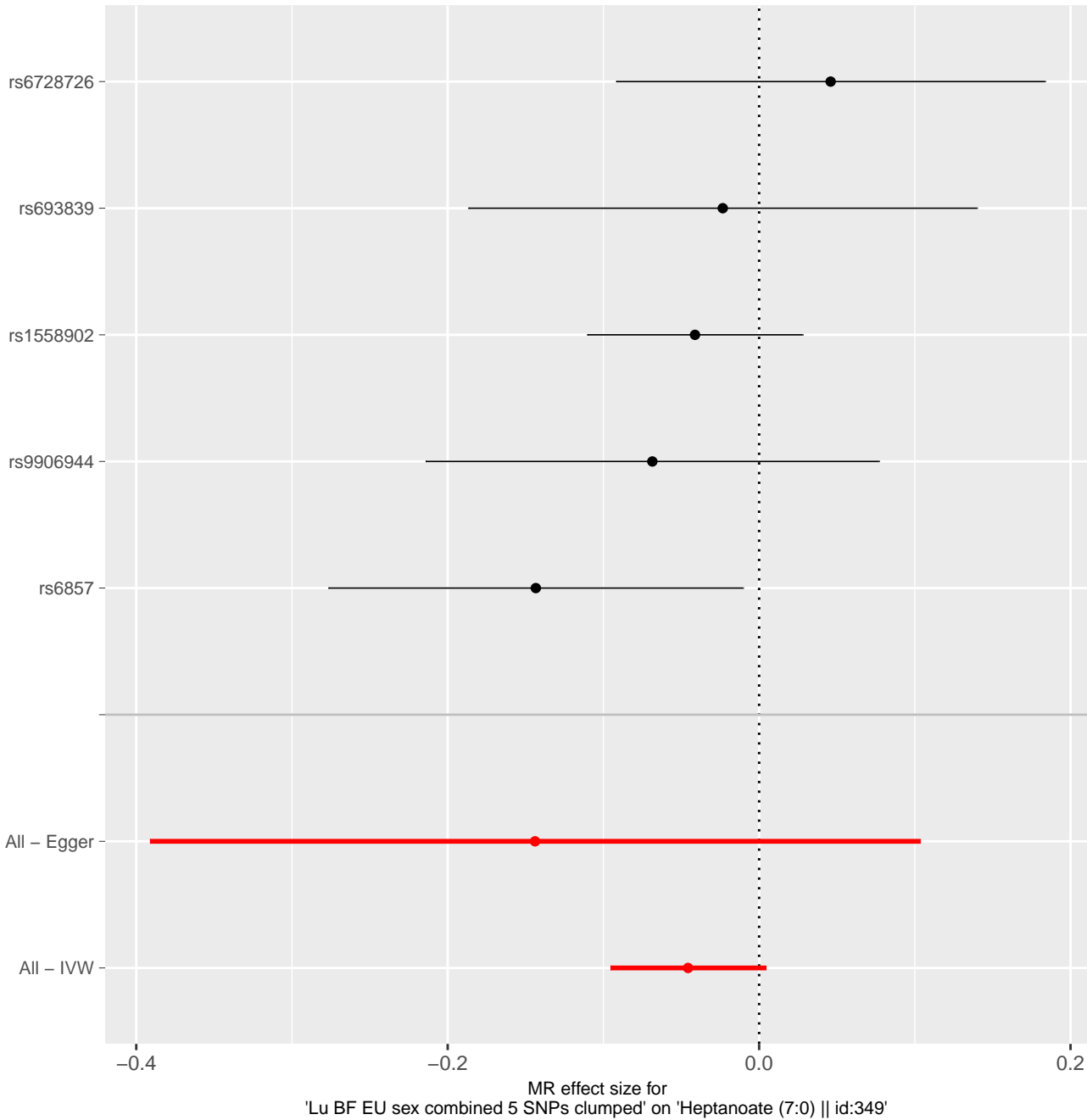


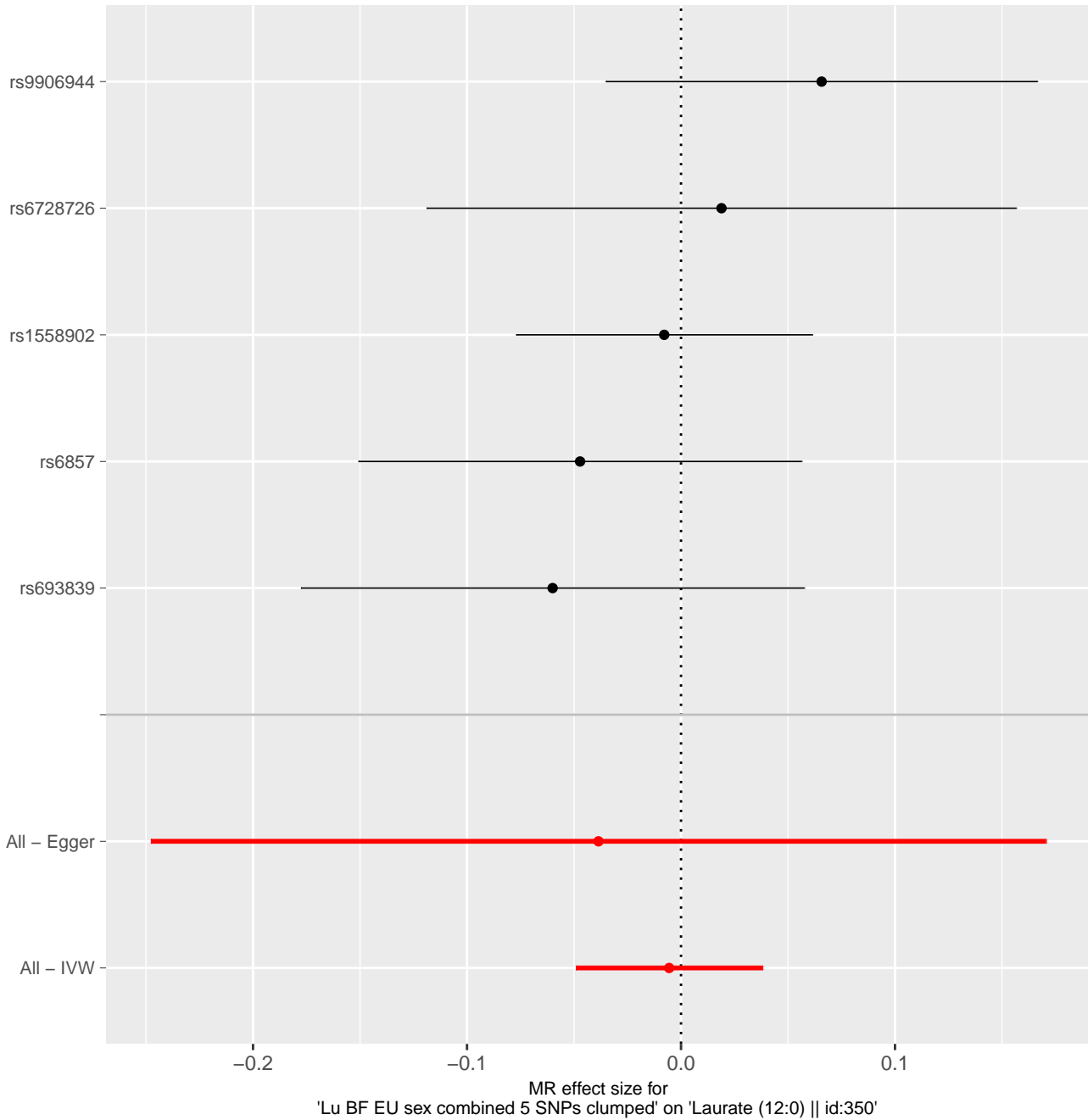












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rs6728726

rs693839

All – Egger

All – IVW

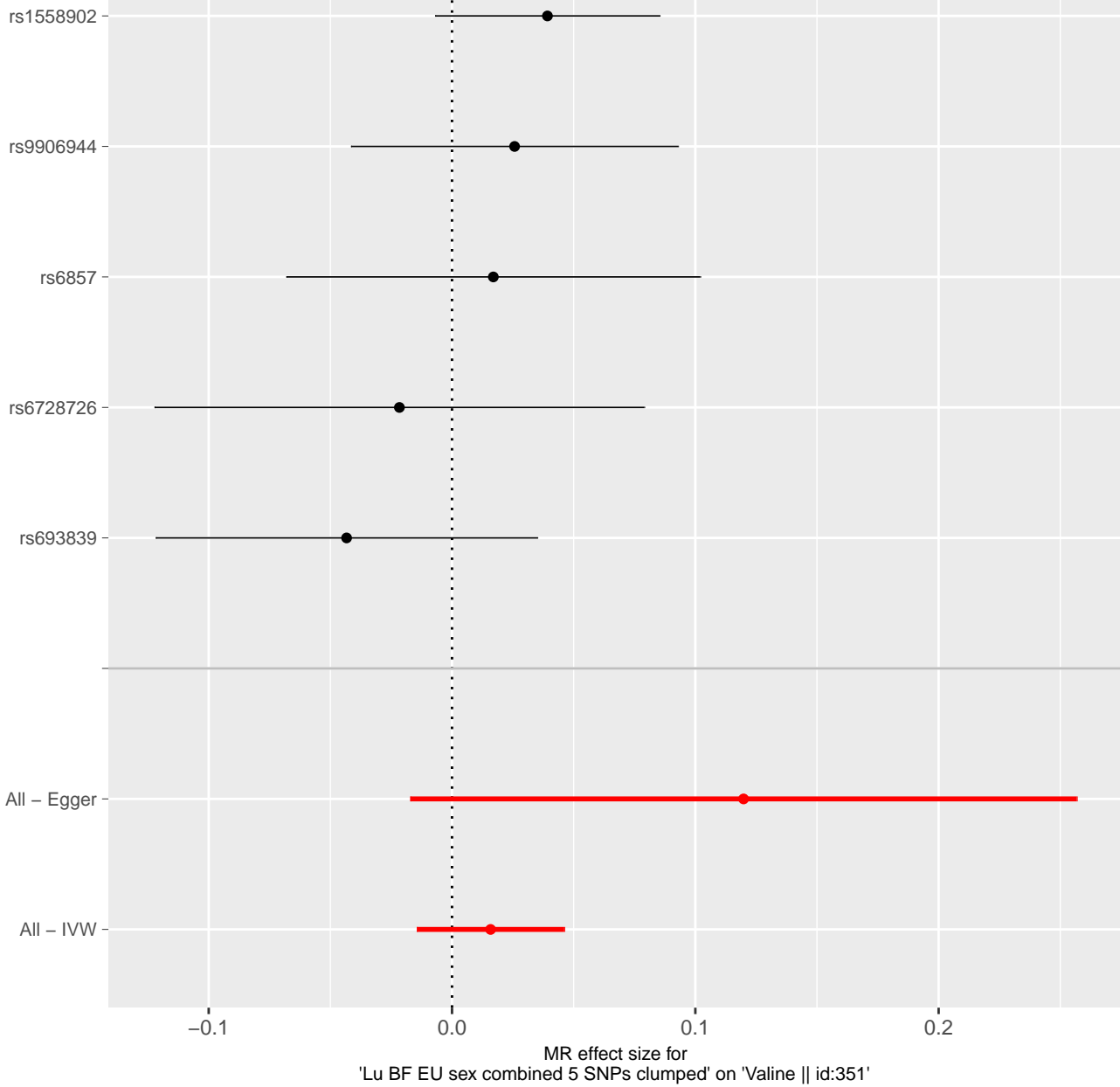
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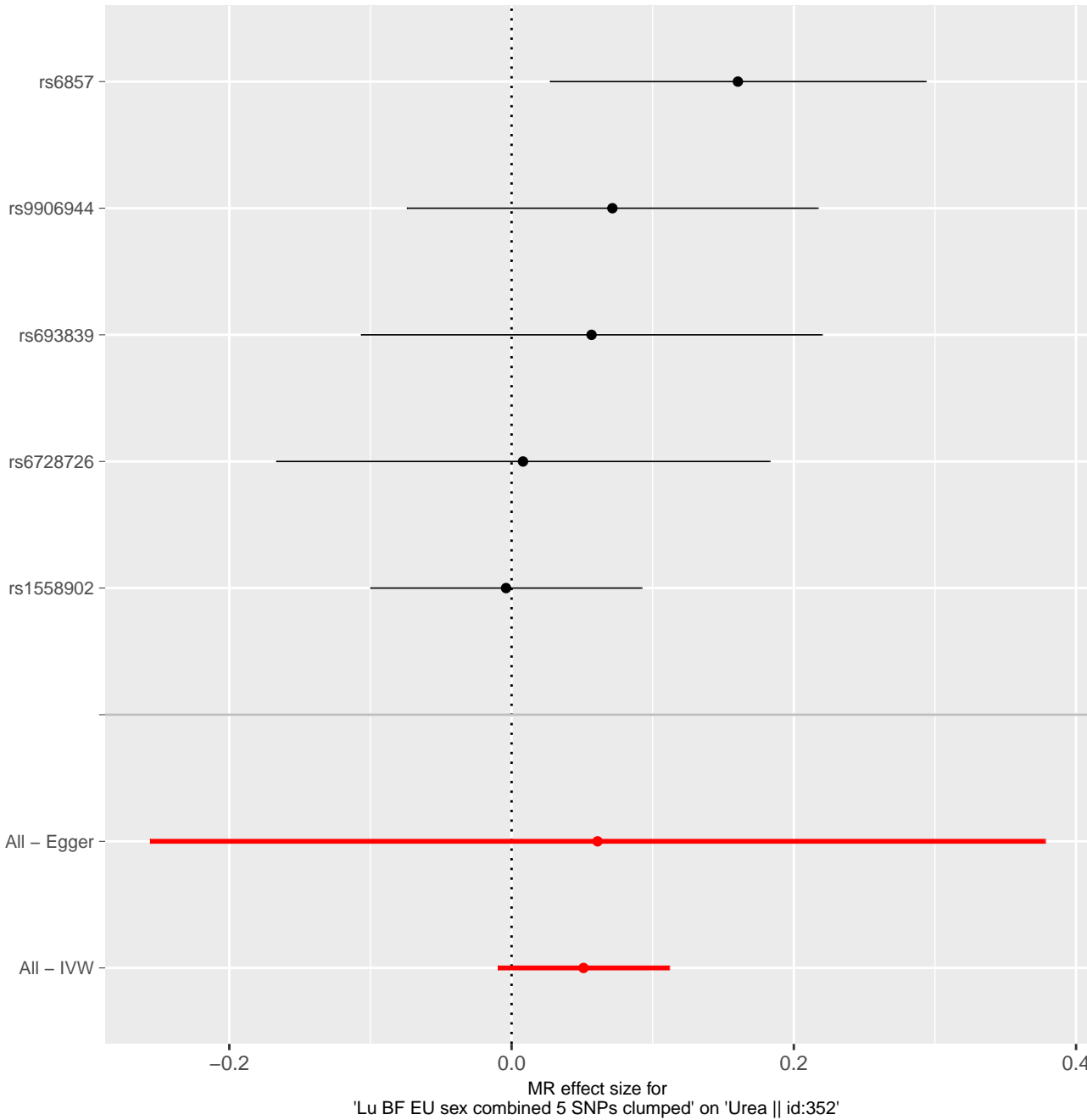
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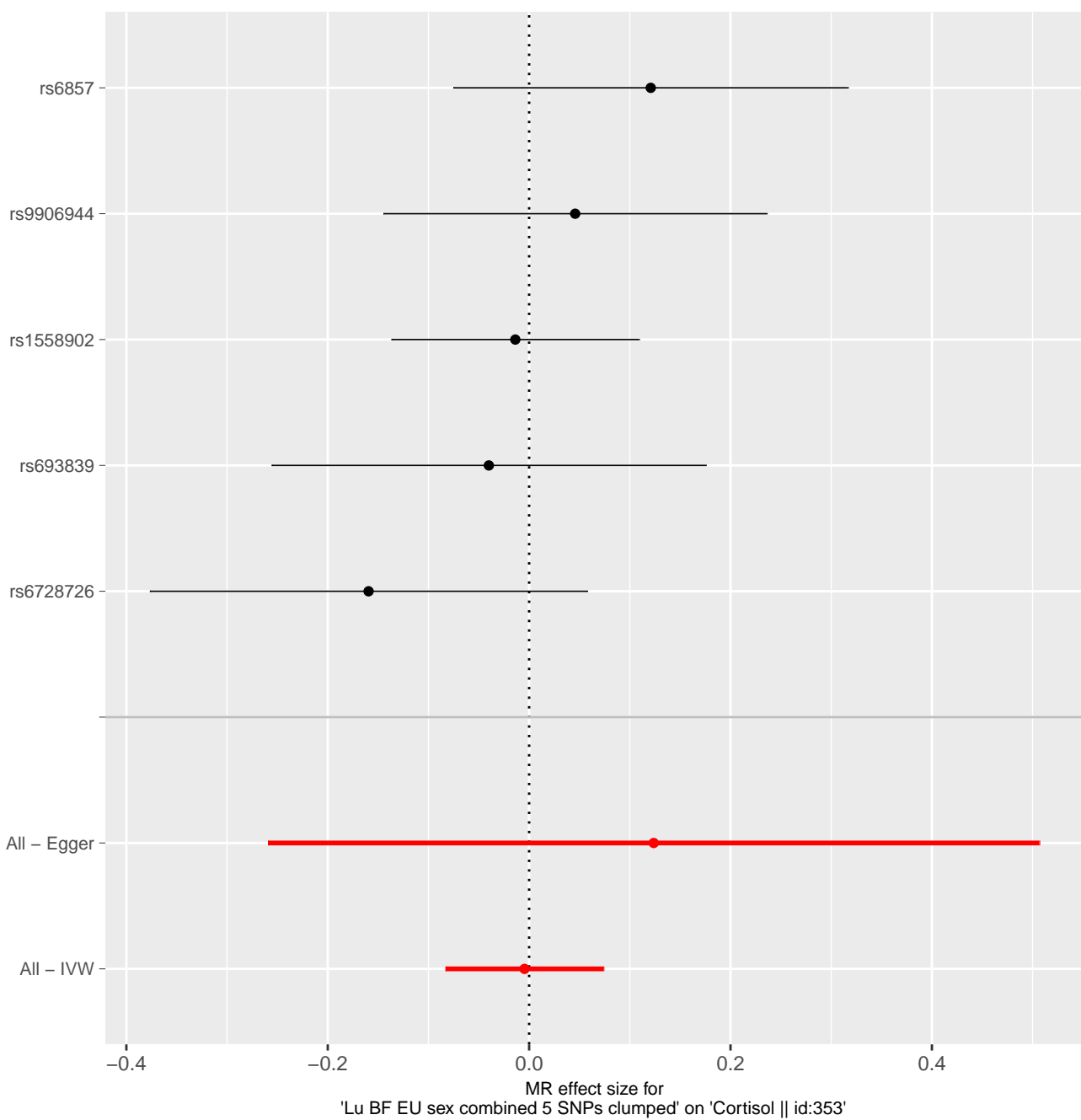
0.1

0.2

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Valine || id:351'







rs9906944

rs6857

rs1558902

rs693839

rs6728726

All – Egger

All – IVW

-0.2

-0.1

0.0

0.1

0.2

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Cortisone || id:354'

rs1558902

rs6857

rs9906944

rs6728726

rs693839

All – Egger

All – IVW

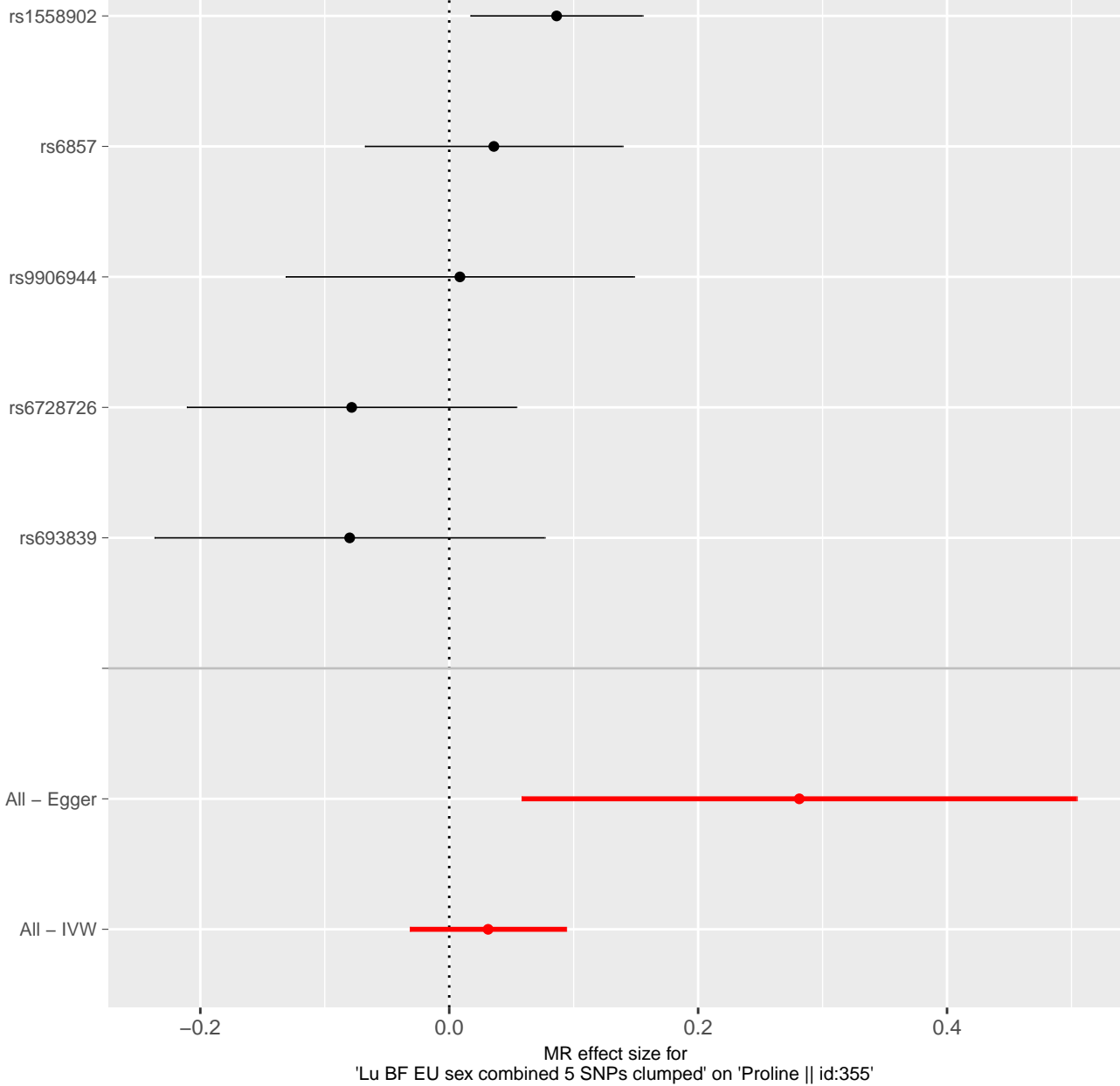
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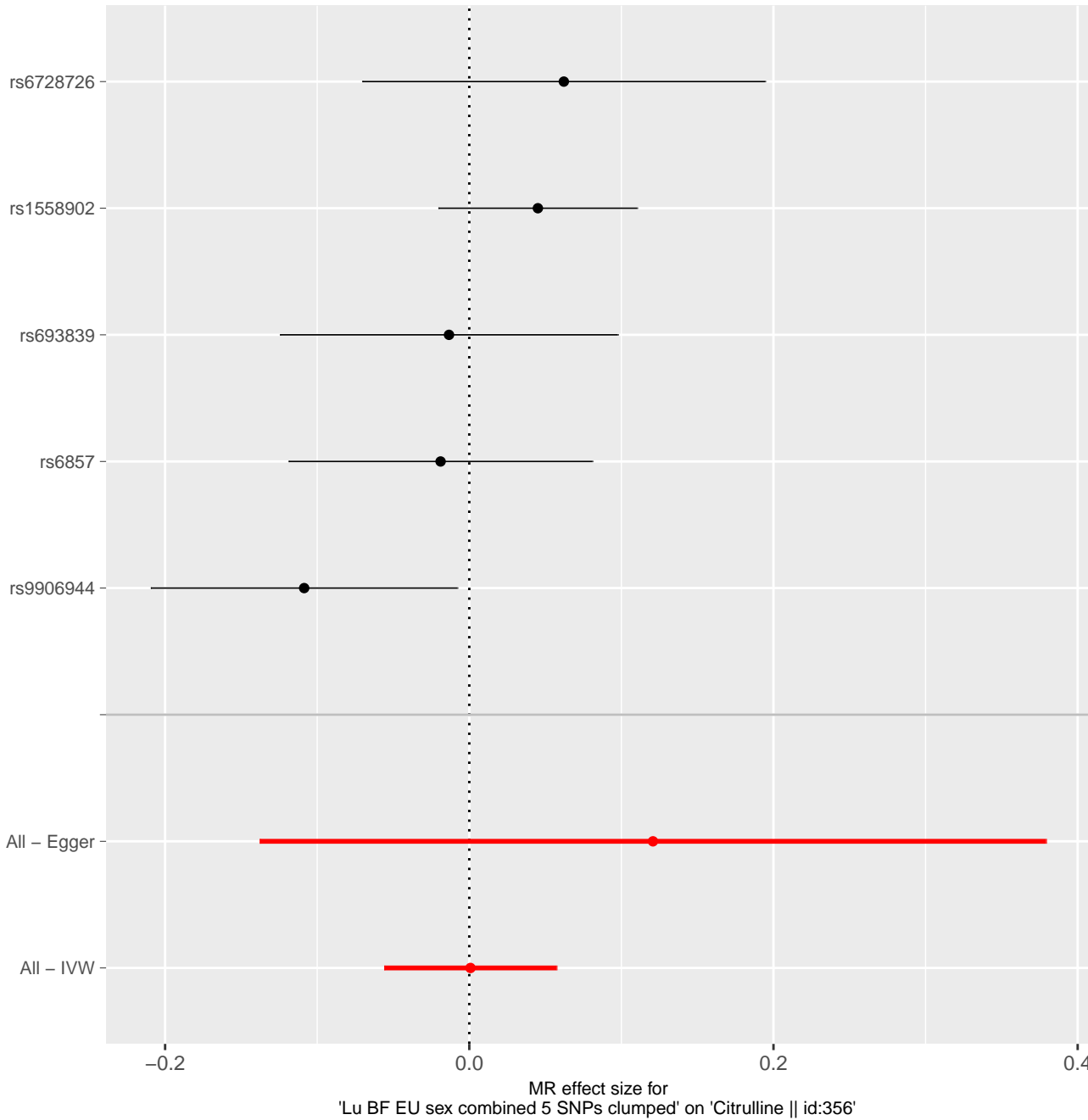
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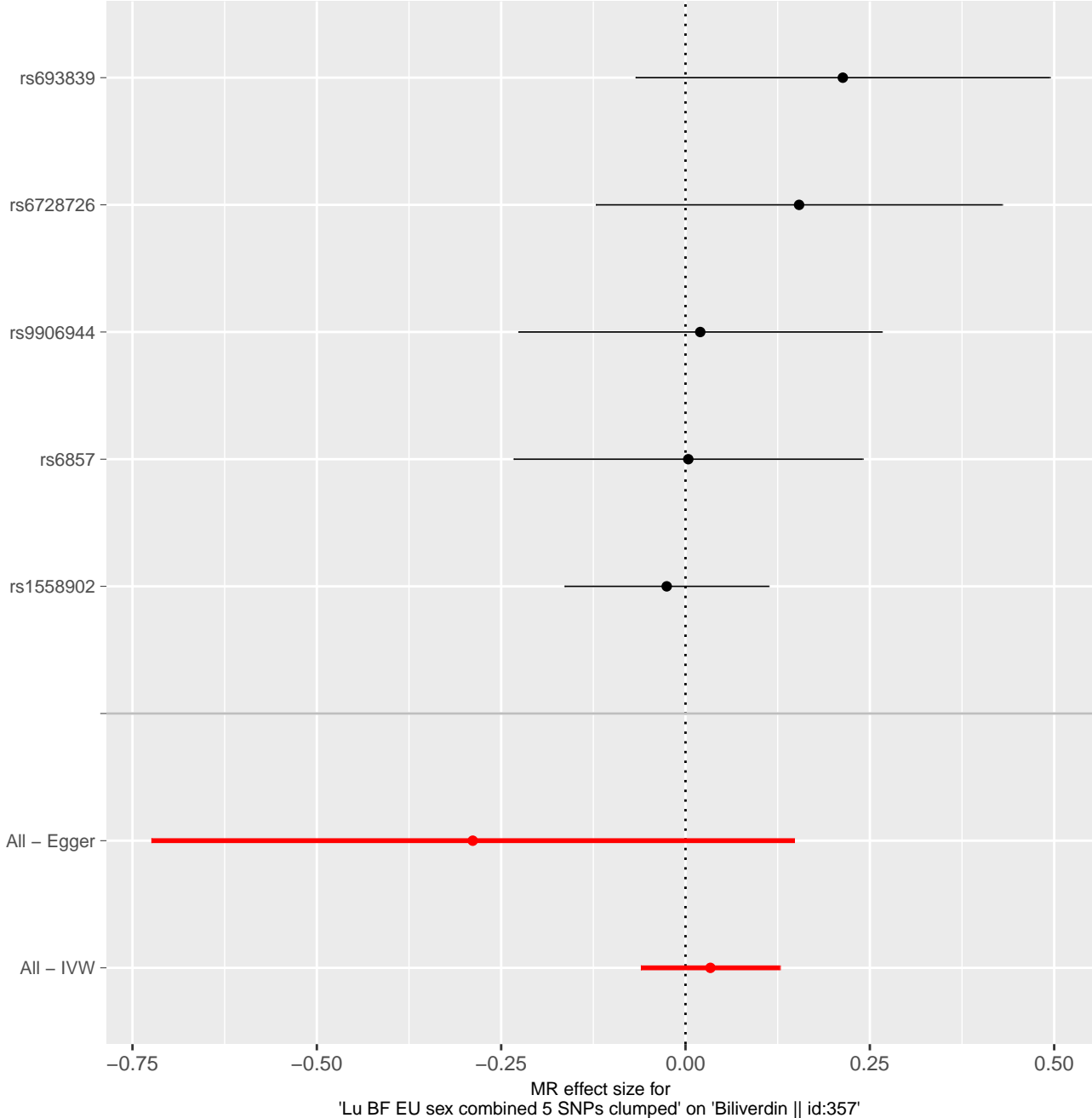
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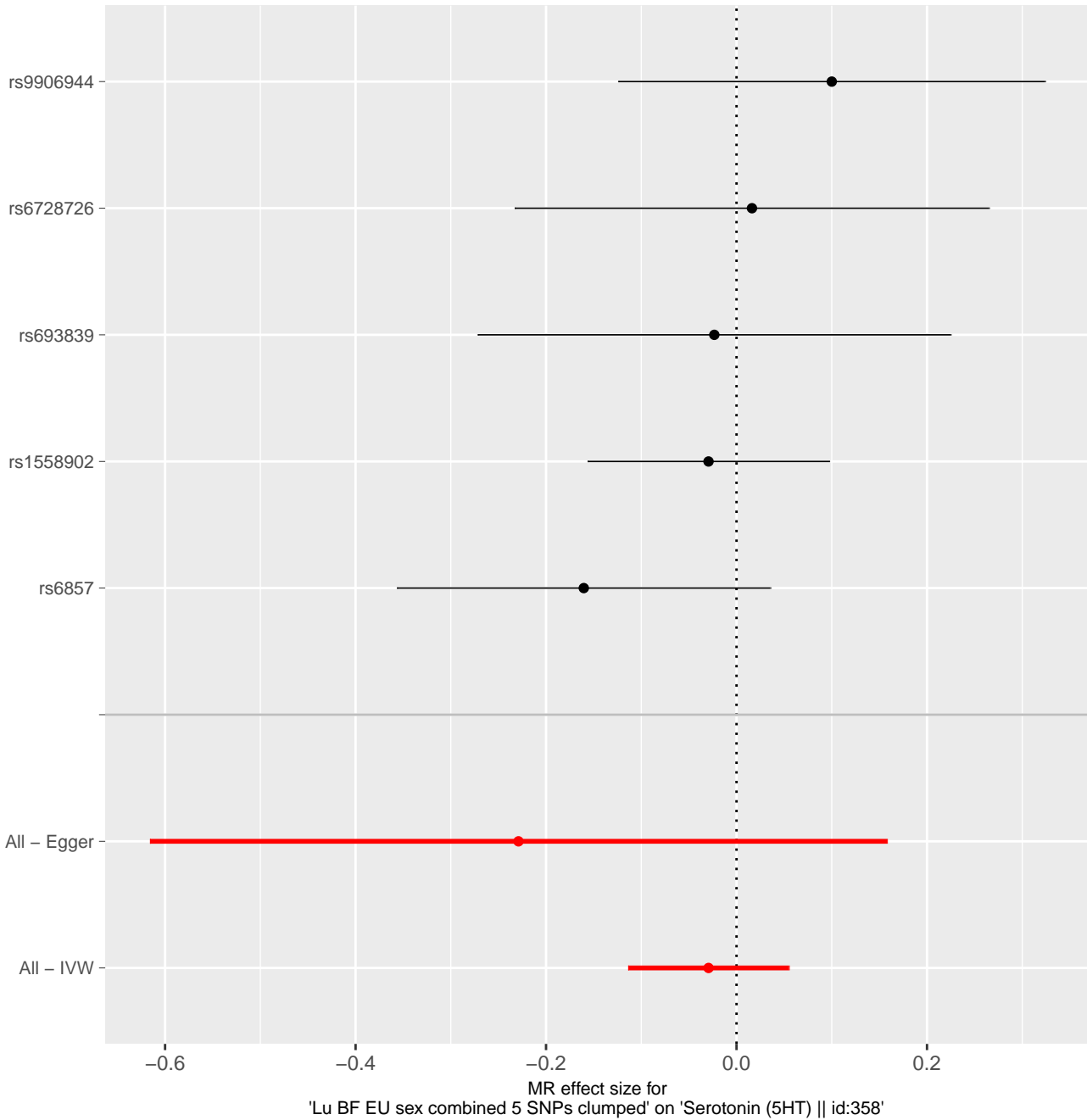
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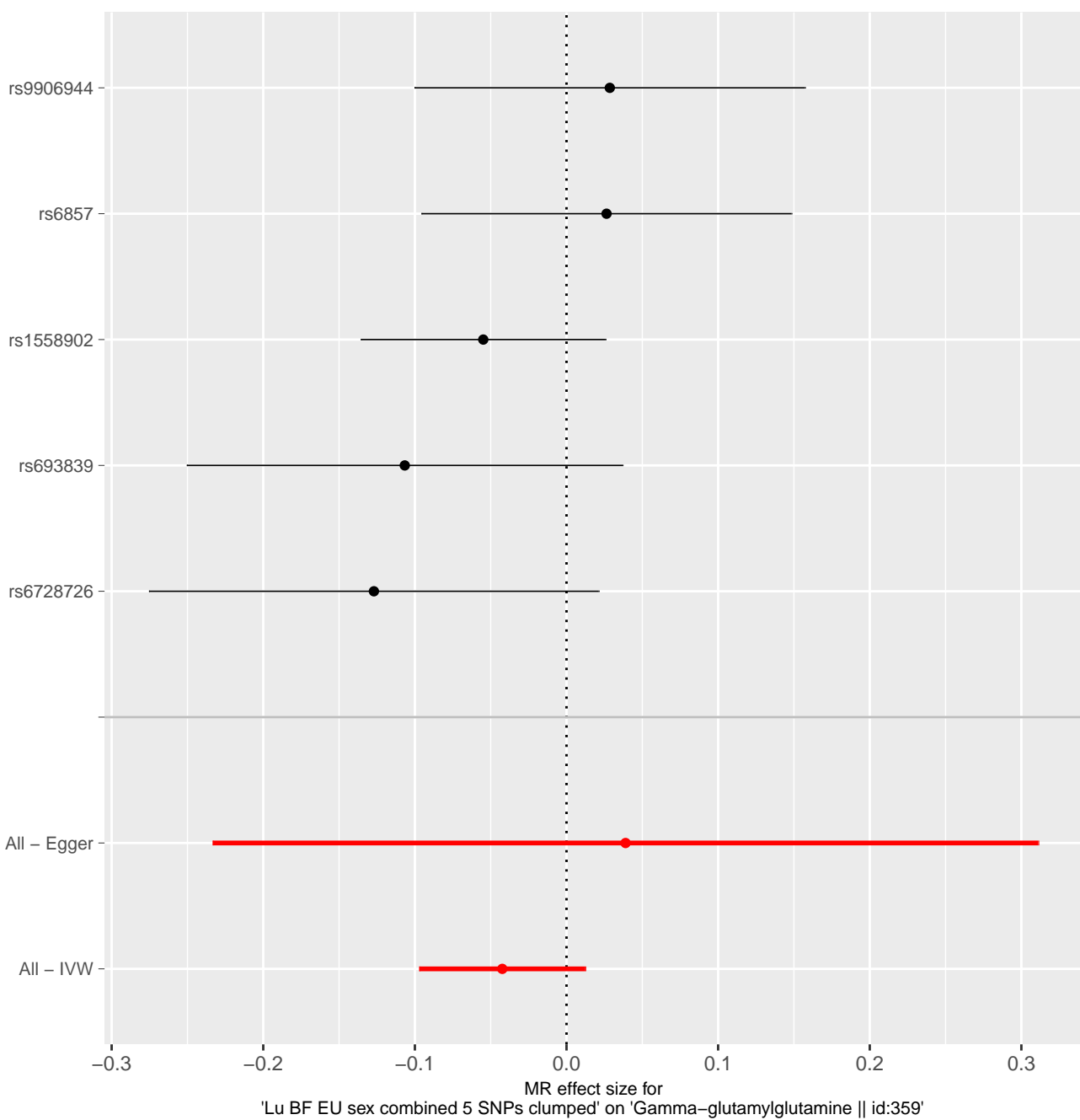
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Proline || id:355'











rs6728726

rs1558902

rs6857

rs9906944

rs693839

All – Egger

All – IVW

-0.2

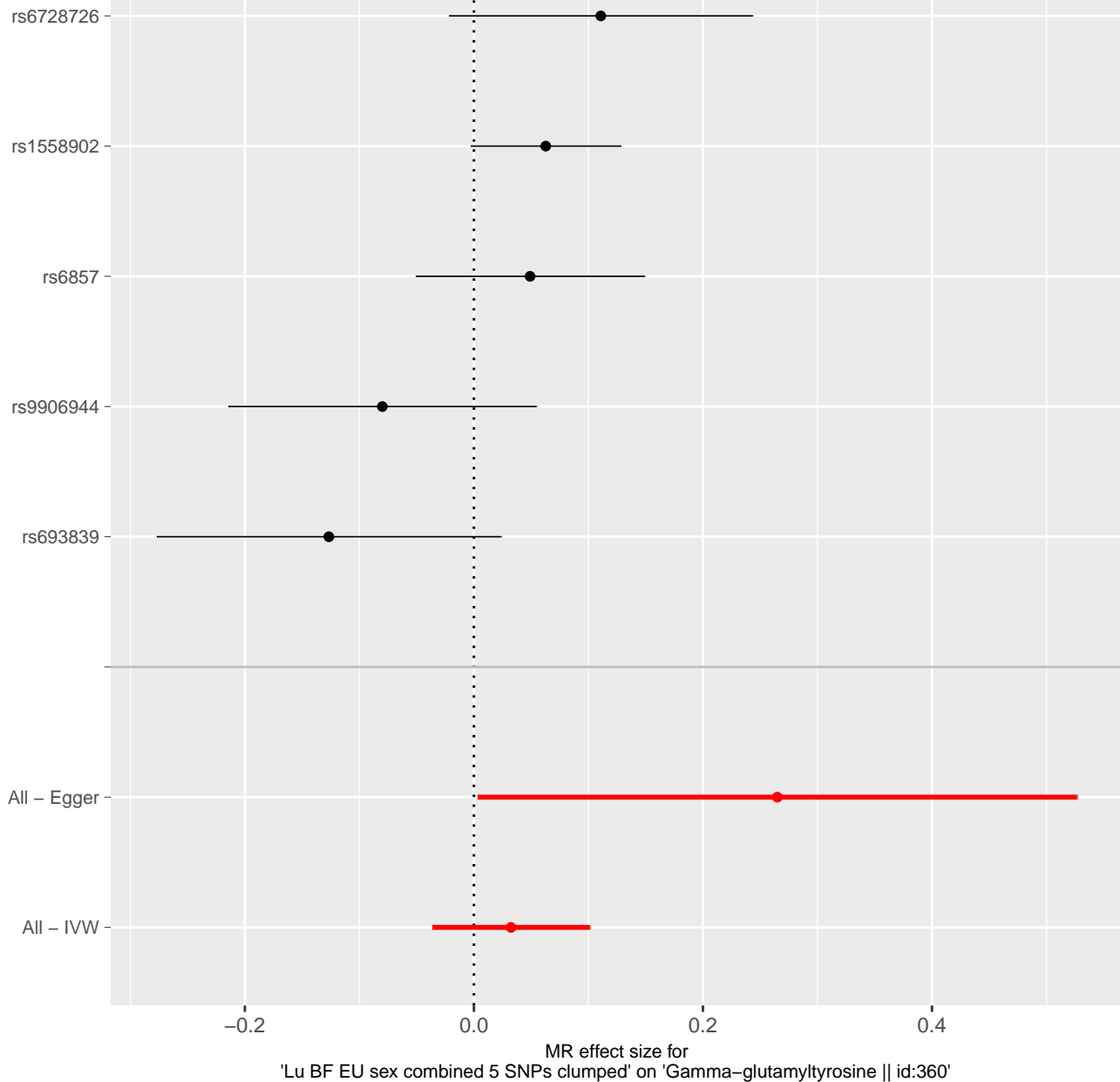
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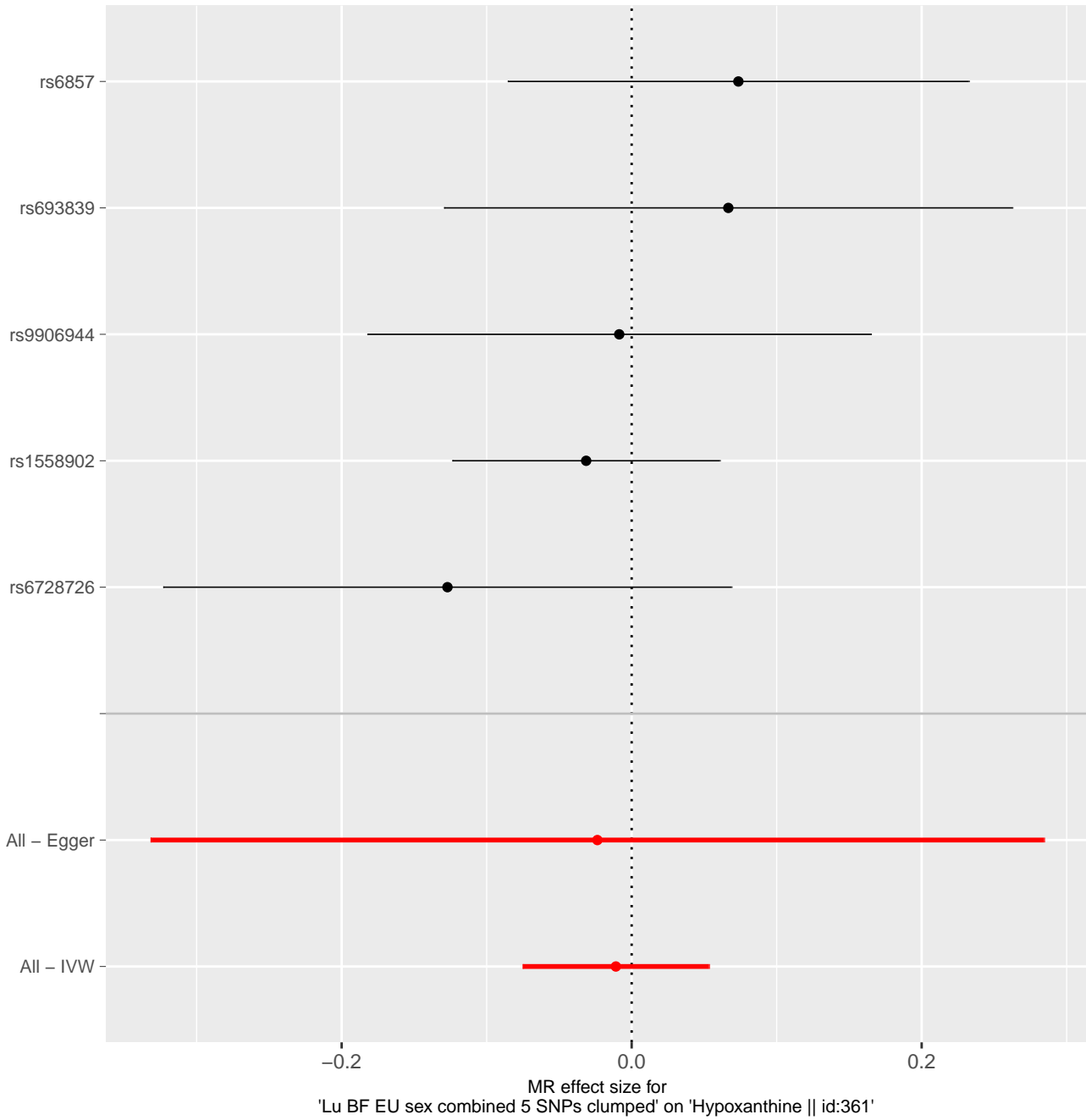
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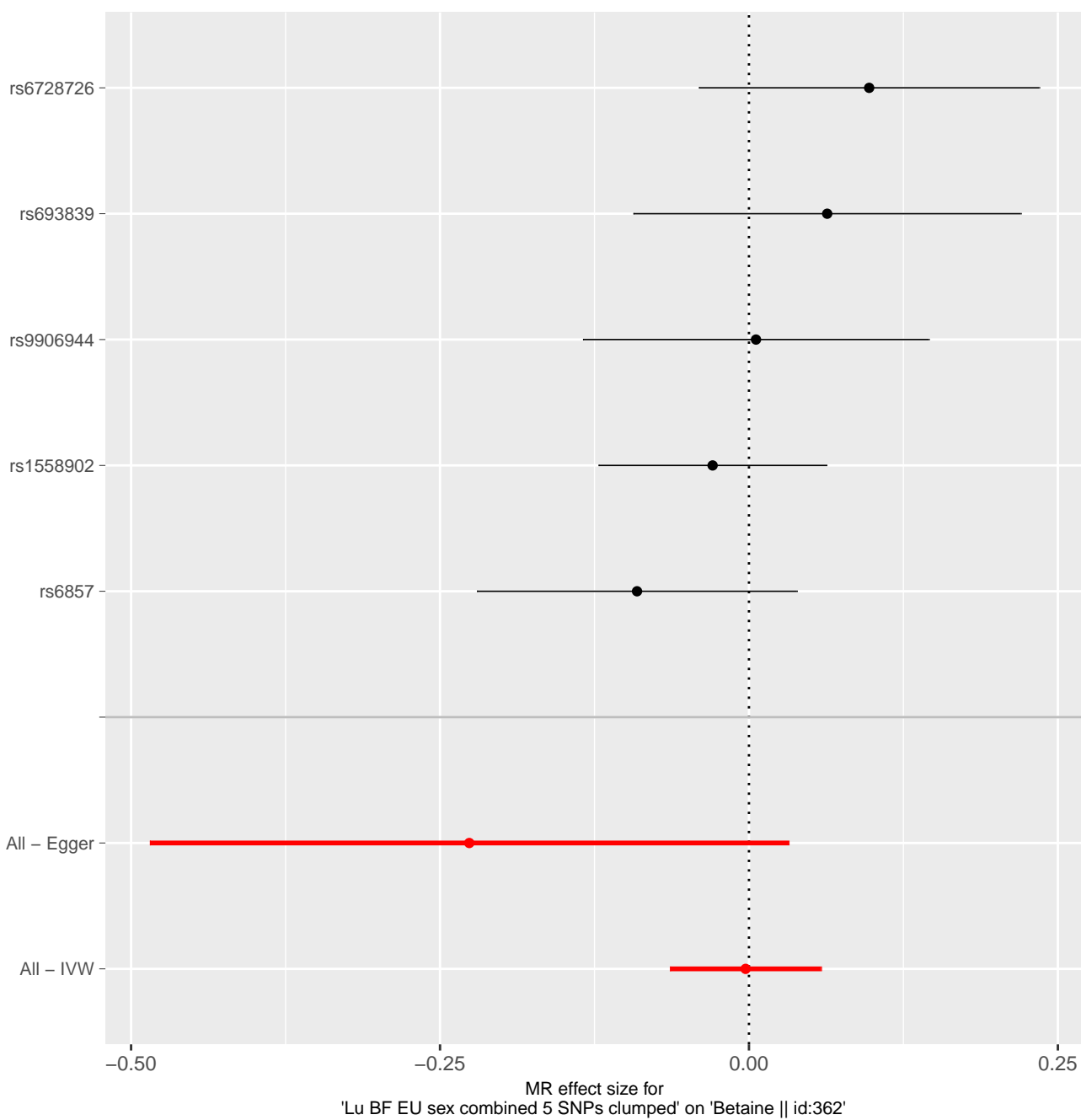
0.4

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-glutamyltyrosine || id:360'







rs6857

rs6728726

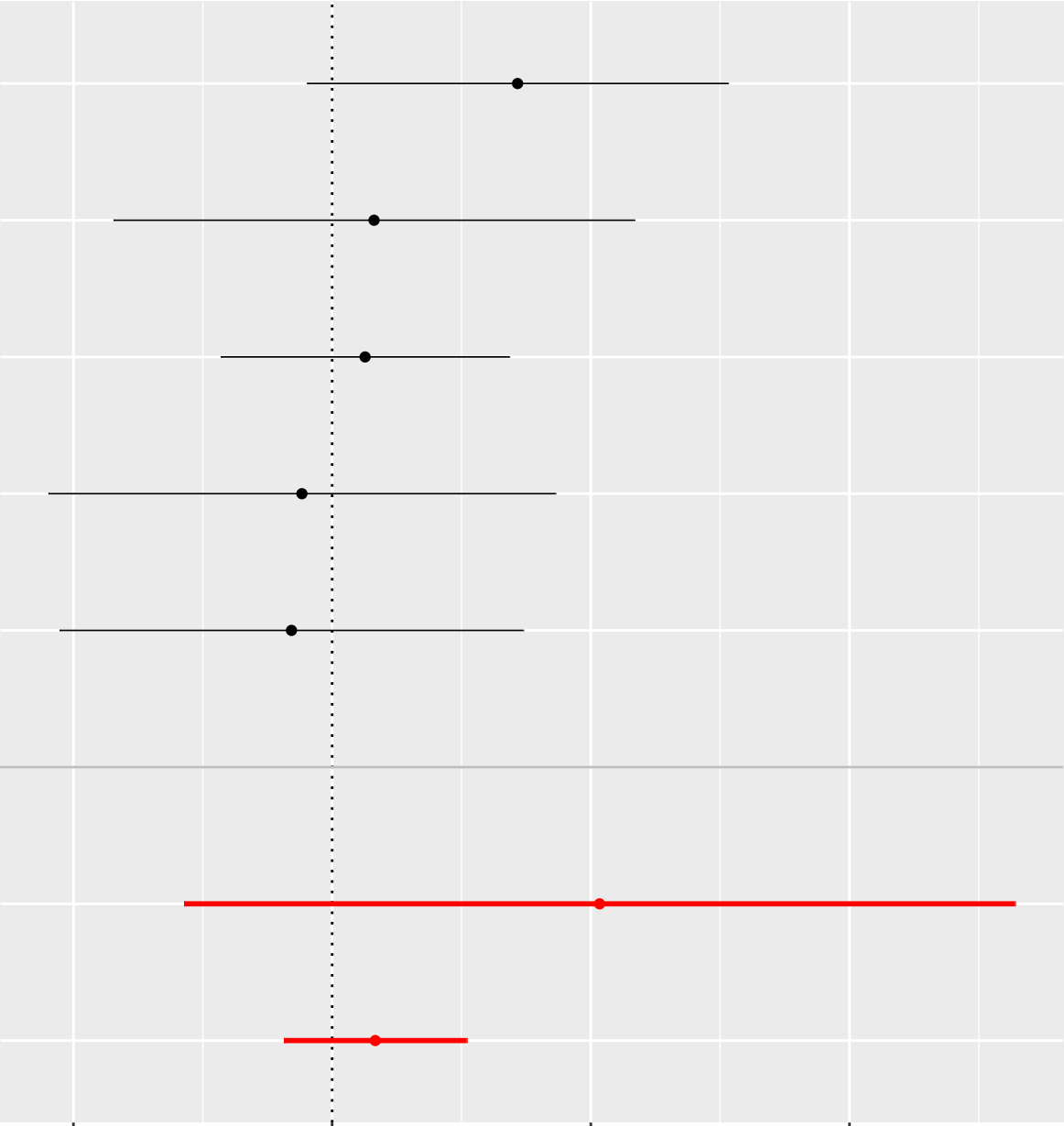
rs1558902

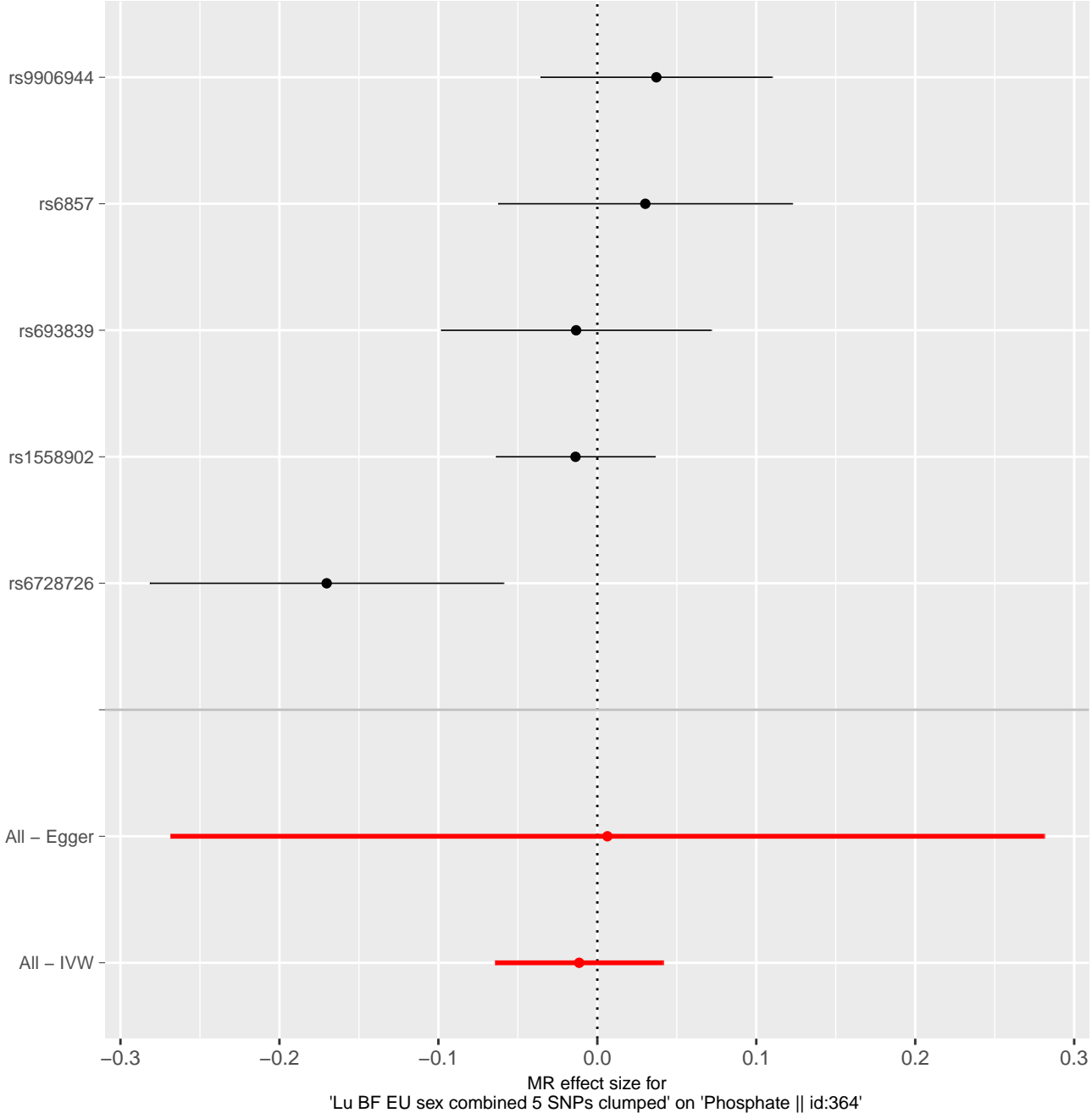
rs693839

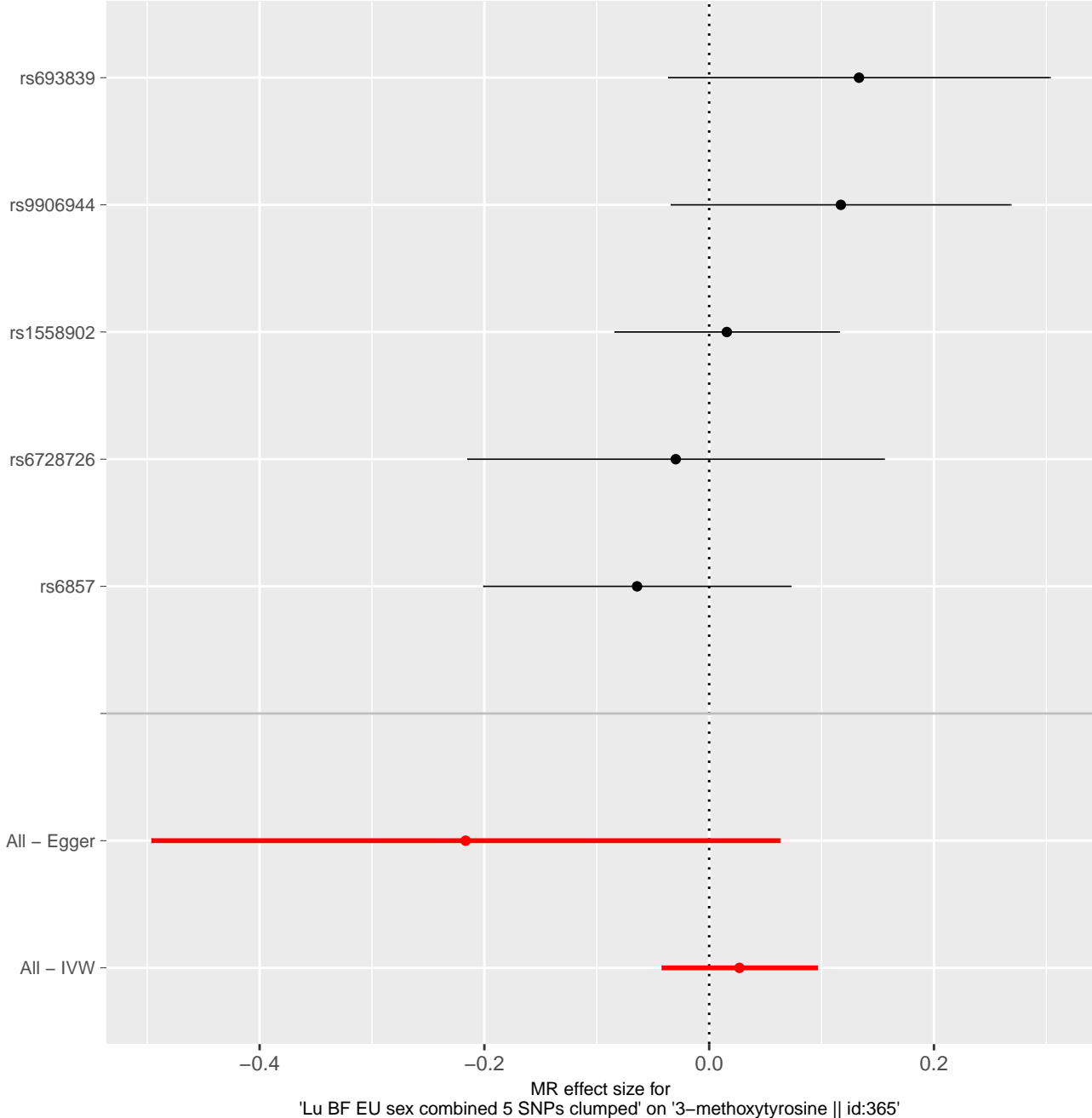
rs9906944

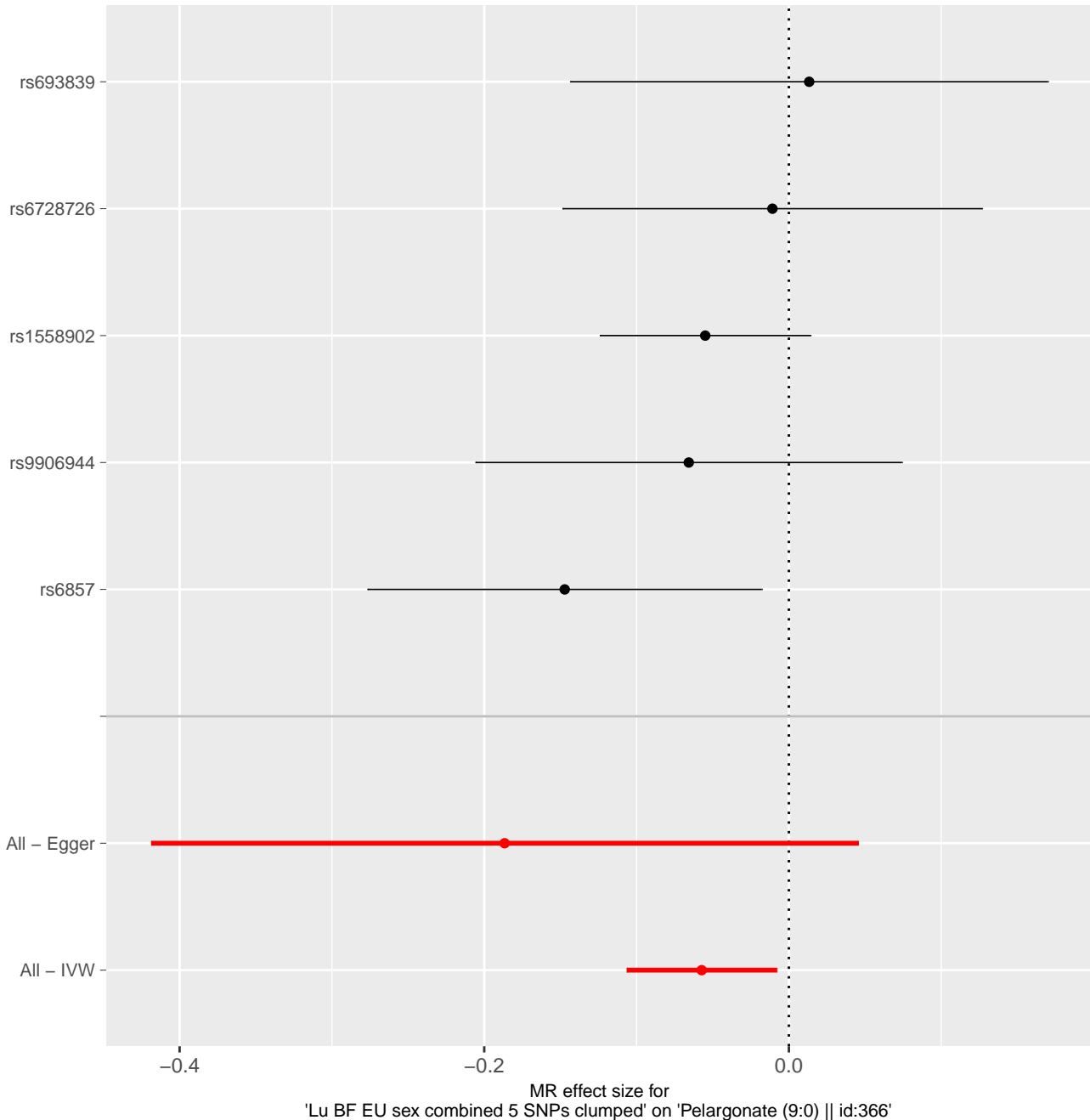
All – Egger

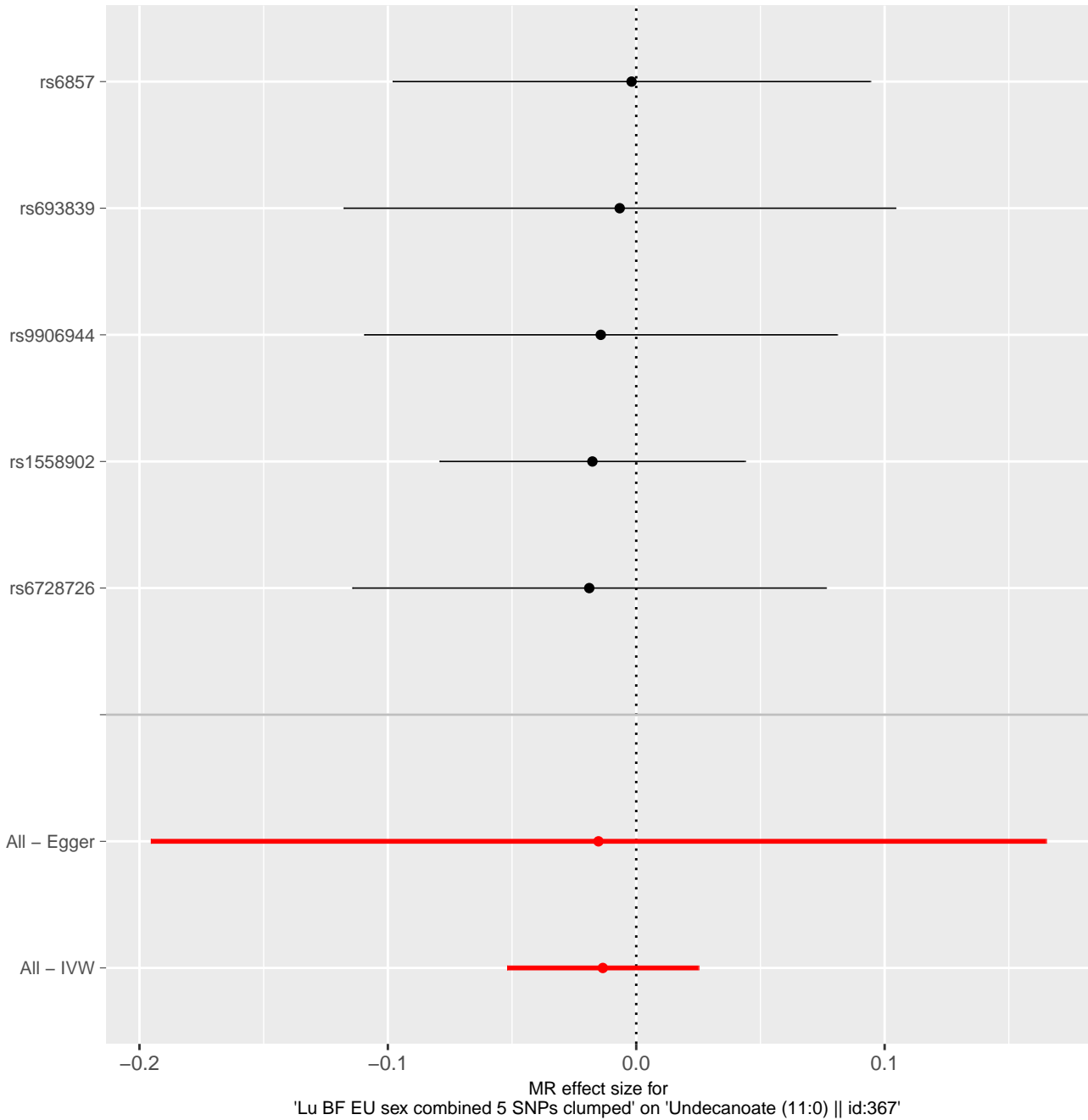
All – IVW

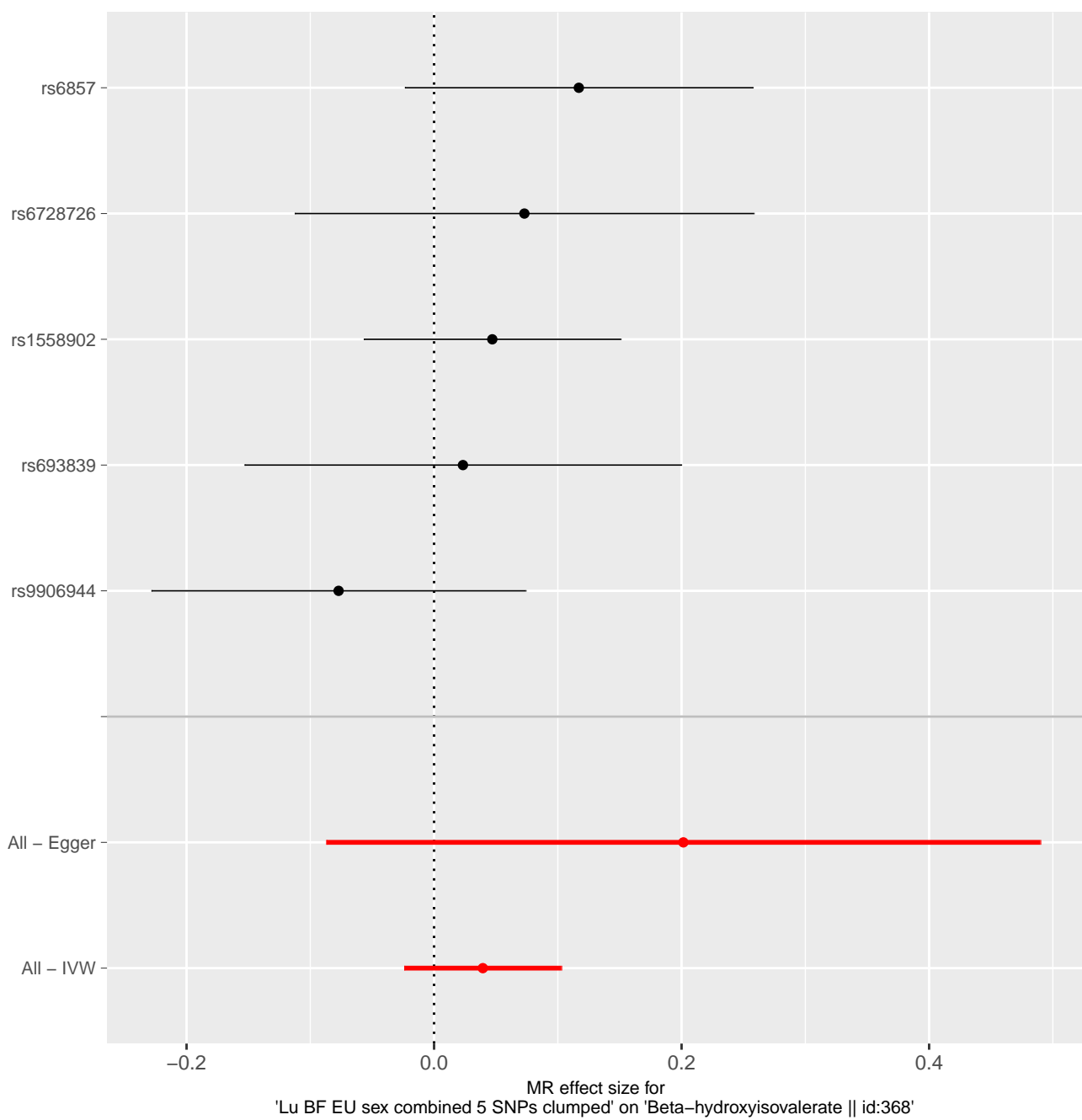












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rs6728726

rs693839

All – Egger

All – IVW

-0.5

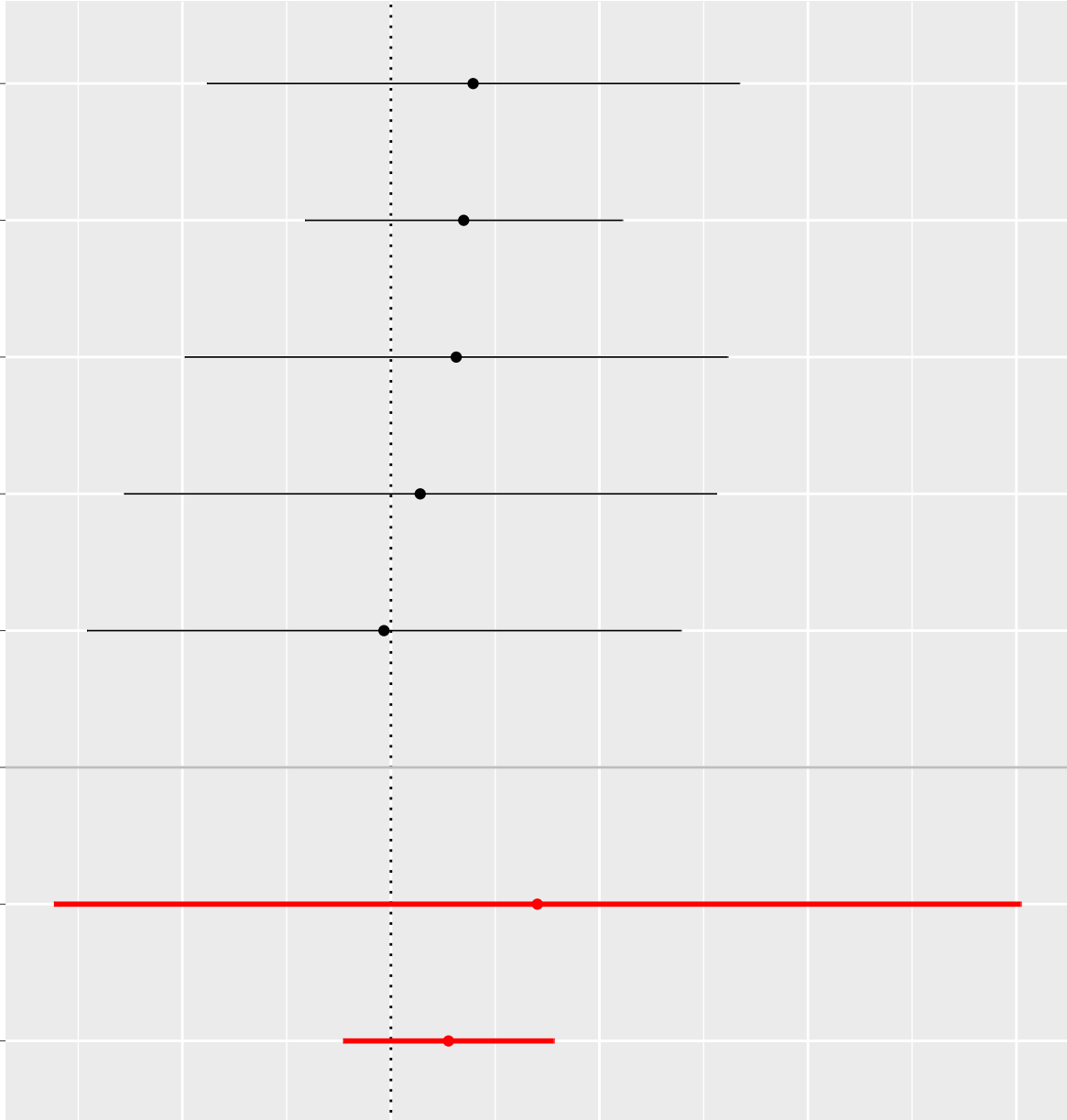
0.0

0.5

1.0

1.5

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Taurodeoxycholate || id:369'



rs6728726

rs6857

rs1558902

rs693839

rs9906944

All – Egger

All – IVW

-0.1

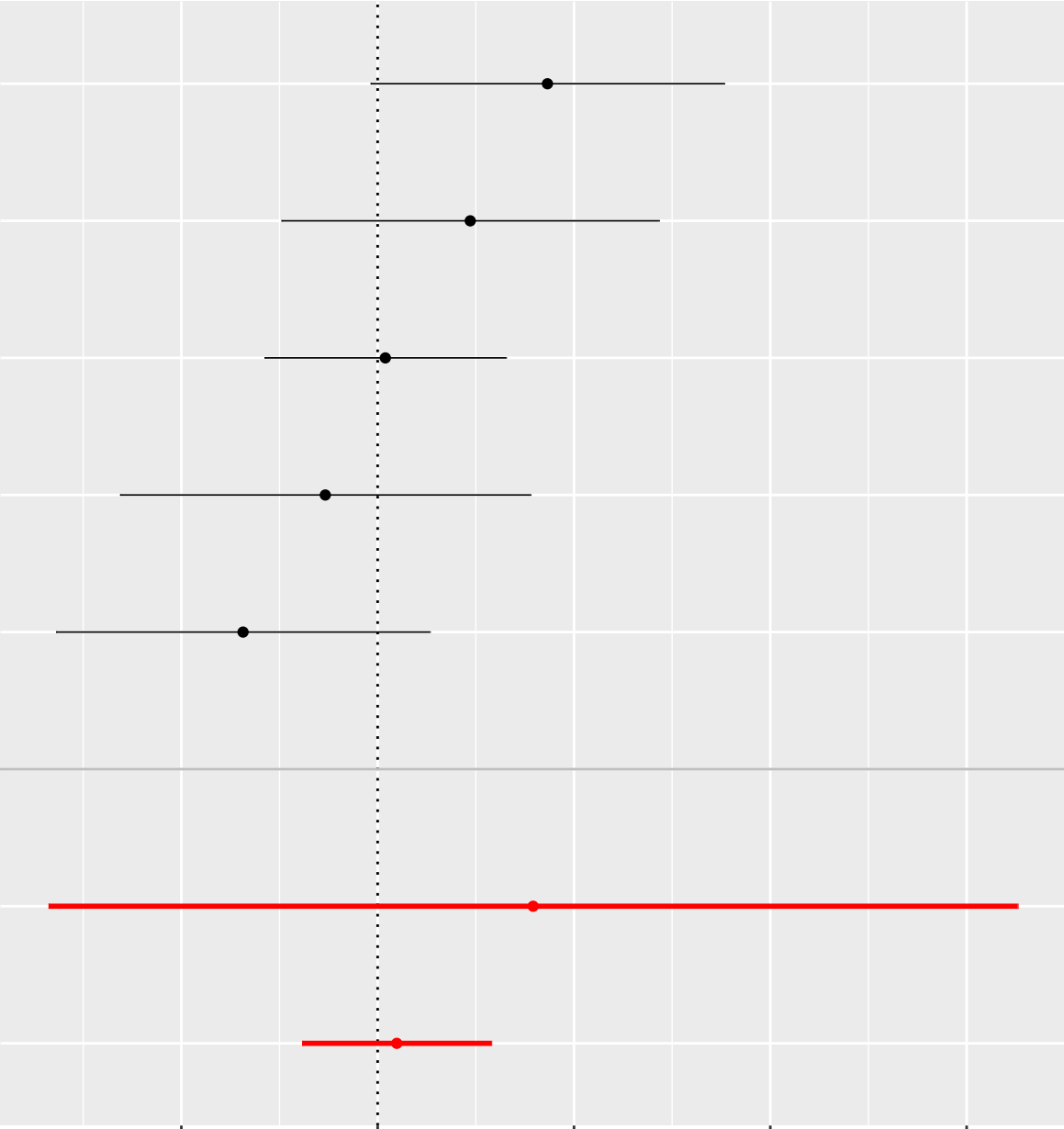
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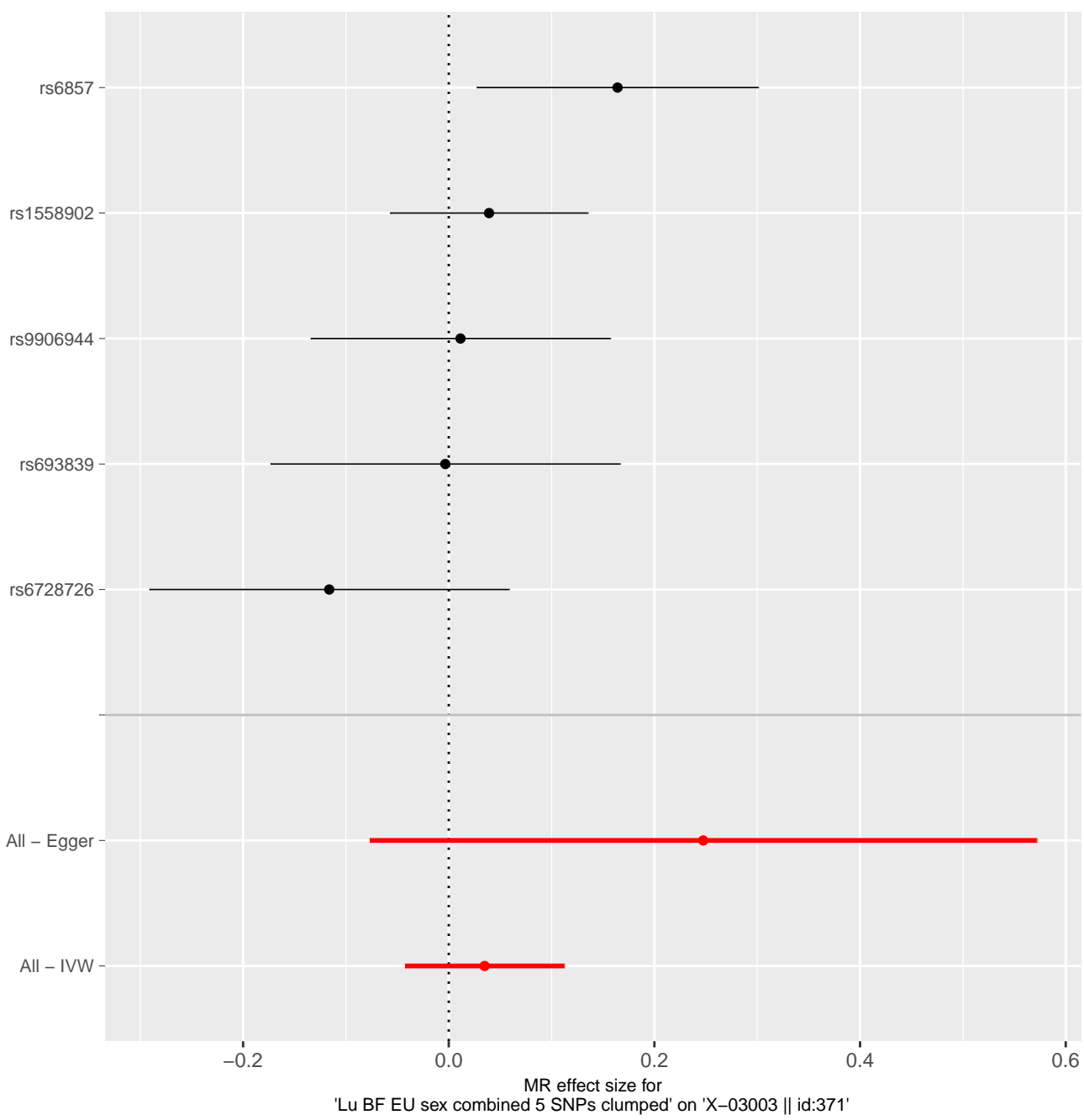
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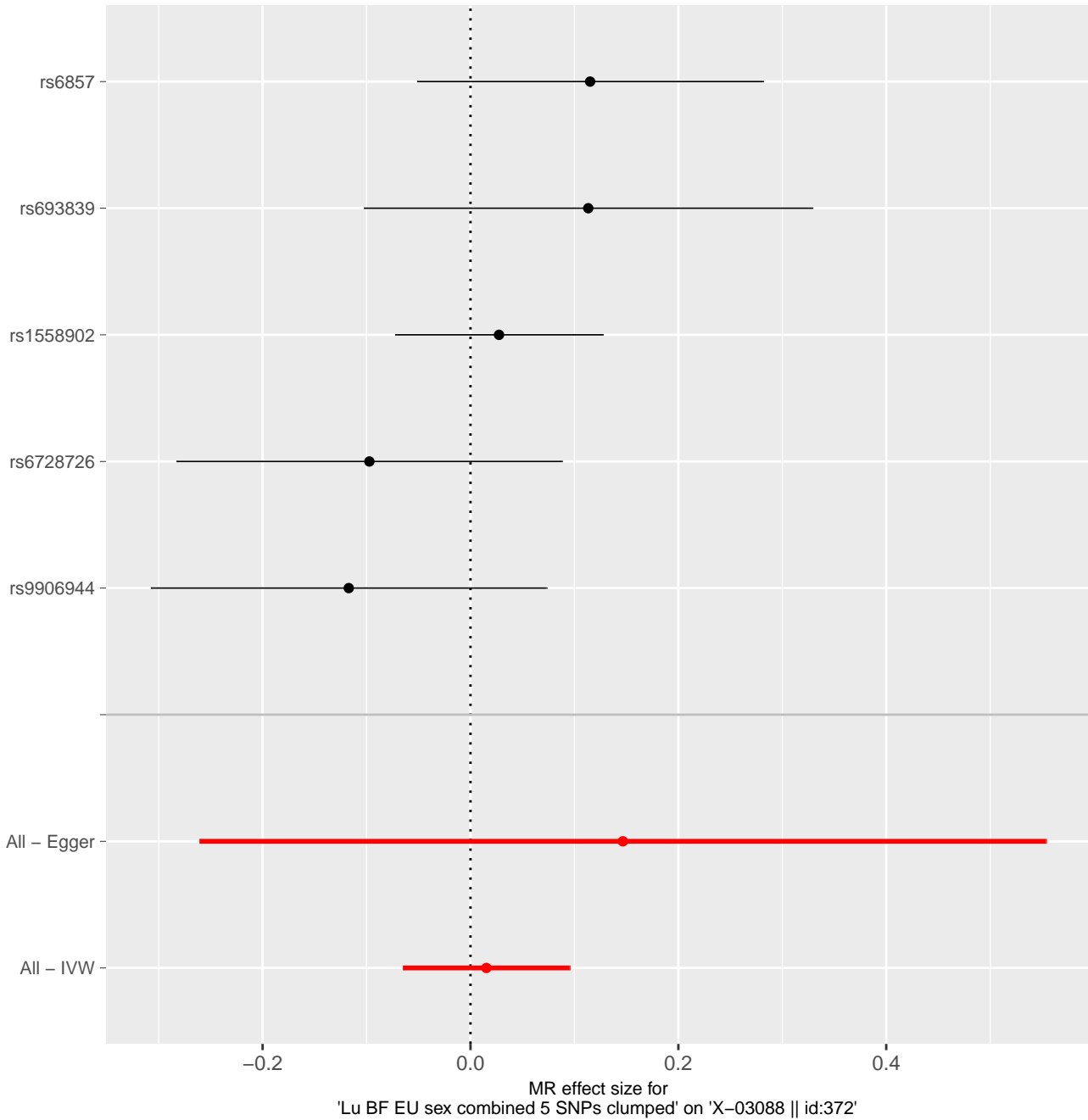
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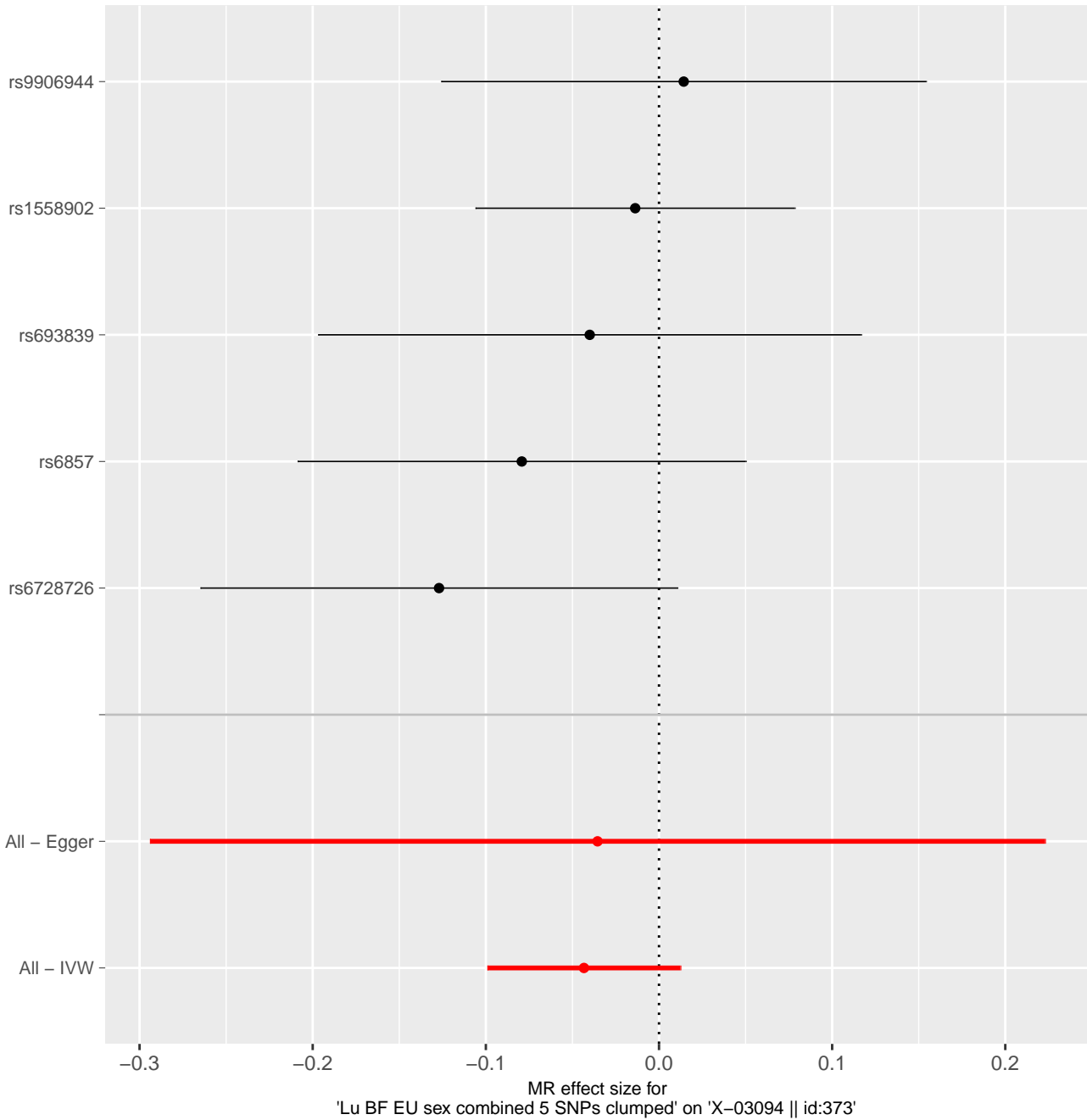
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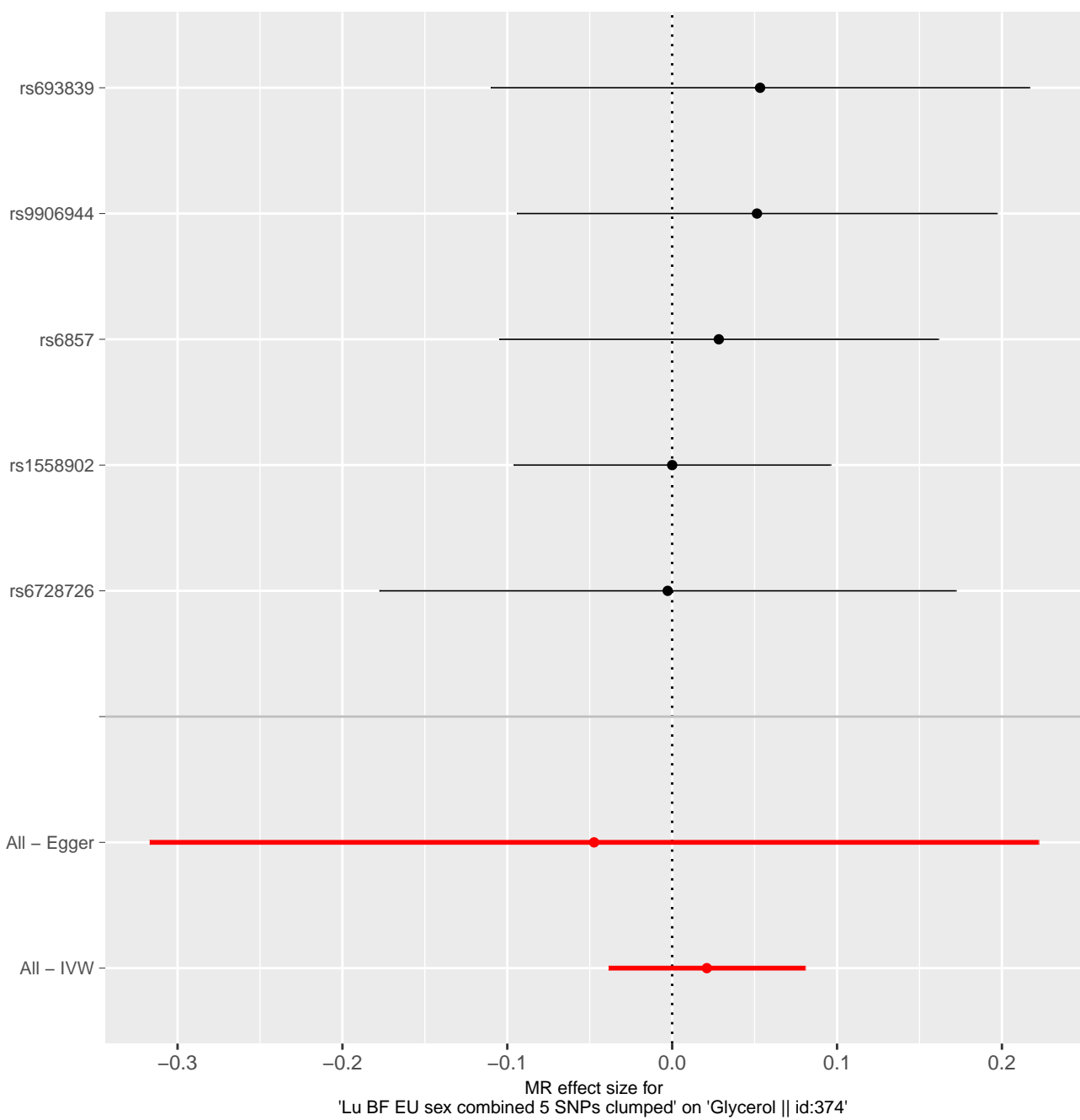
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-02973 || id:370'











rs6857

rs1558902

rs9906944

rs6728726

rs693839

All – Egger

All – IVW

-0.2

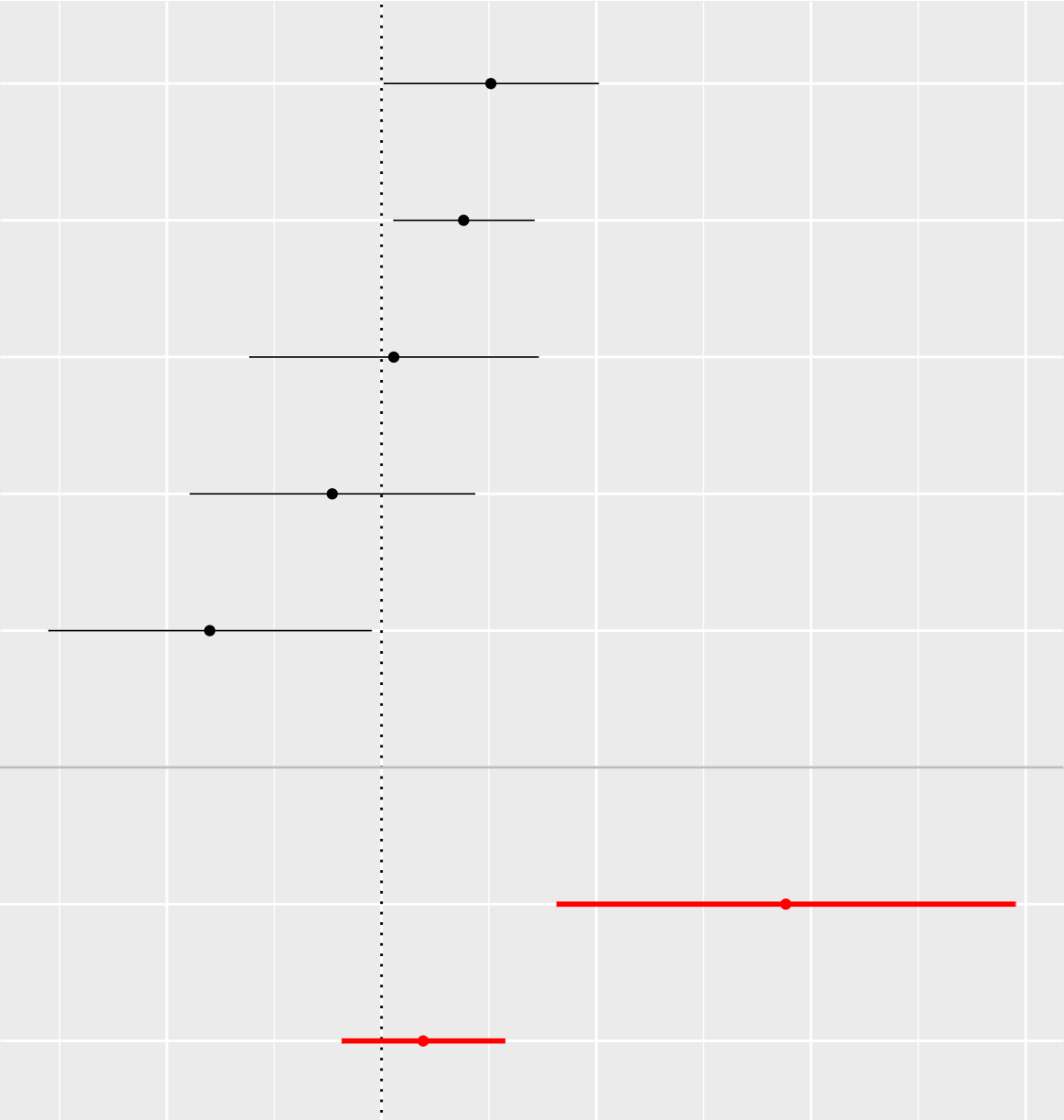
0.0

0.2

0.4

0.6

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Kynurenine || id:375'



rs6728726

rs6857

rs9906944

rs1558902

rs693839

All – Egger

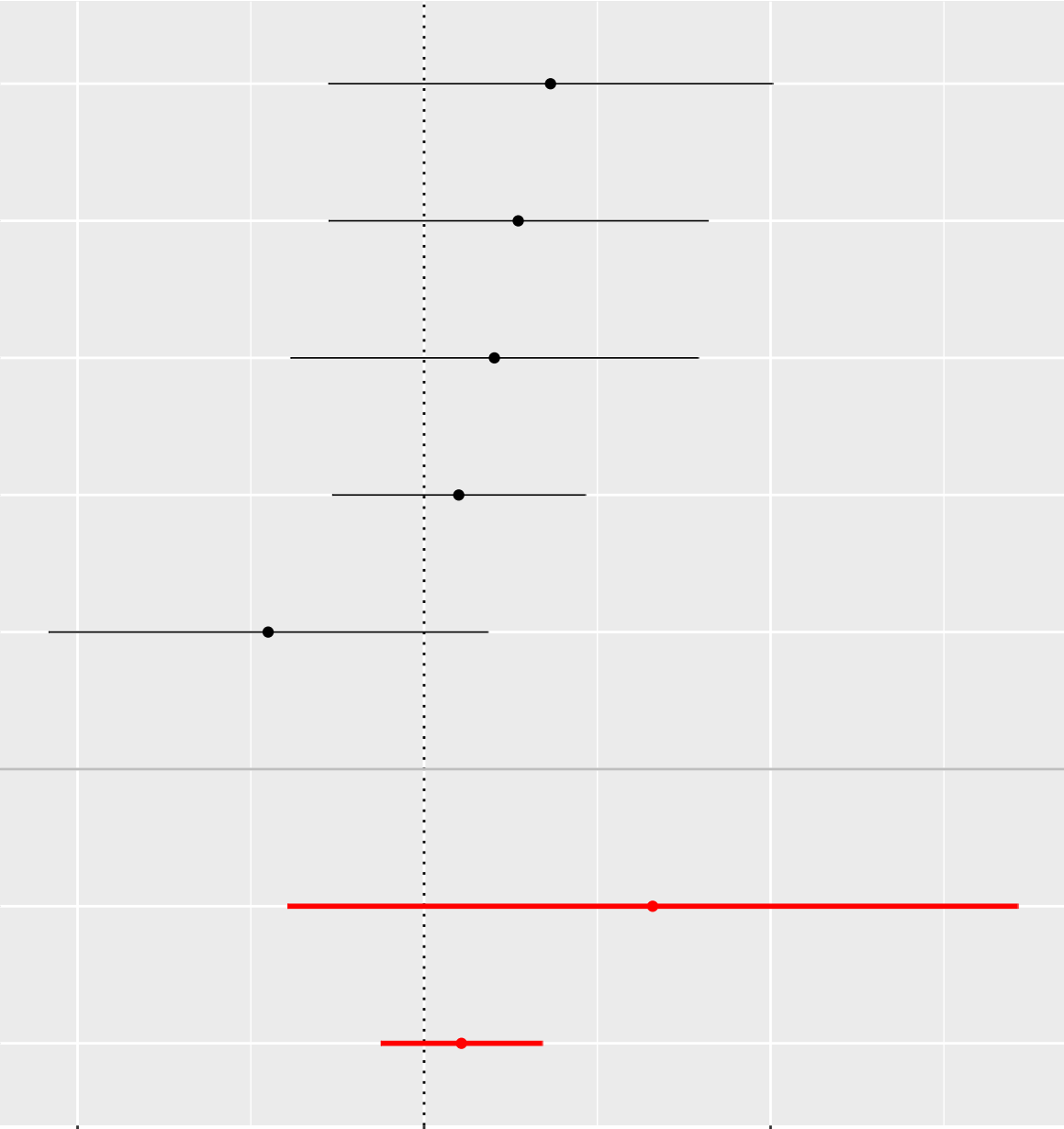
All – IVW

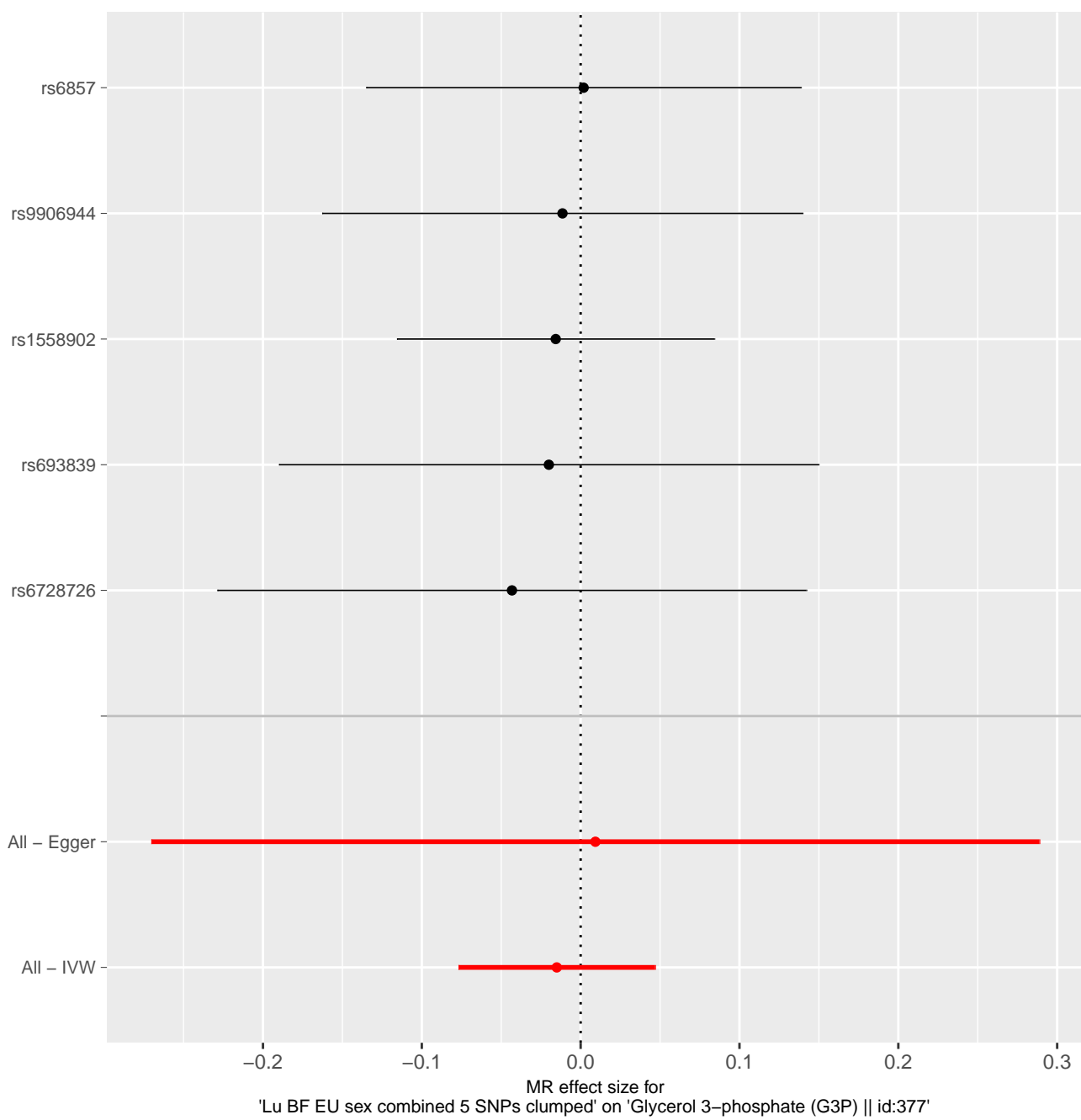
-1

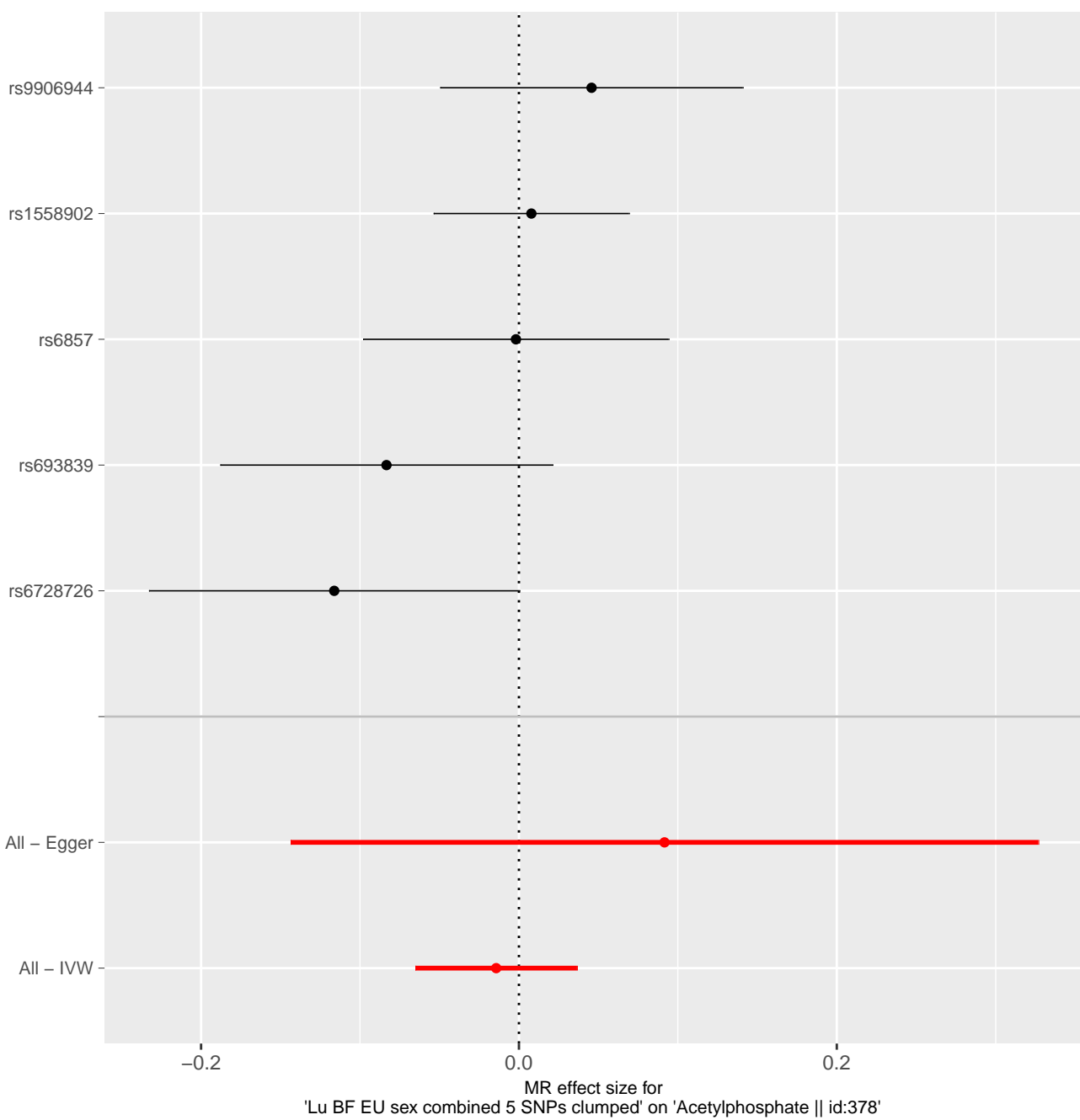
0

1

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Mannitol || id:376'







rs1558902

rs6857

rs9906944

rs693839

rs6728726

All – Egger

All – IVW

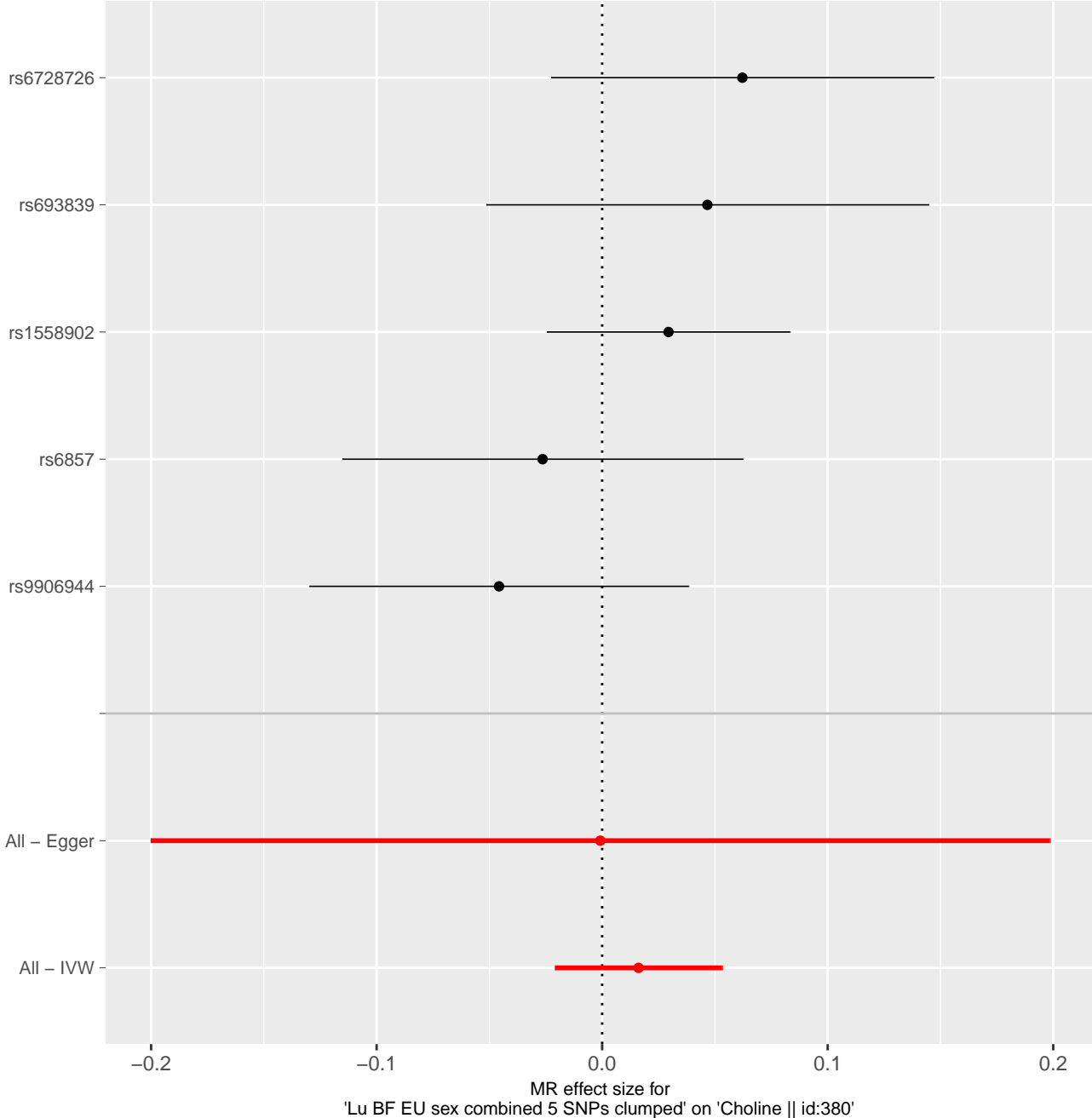
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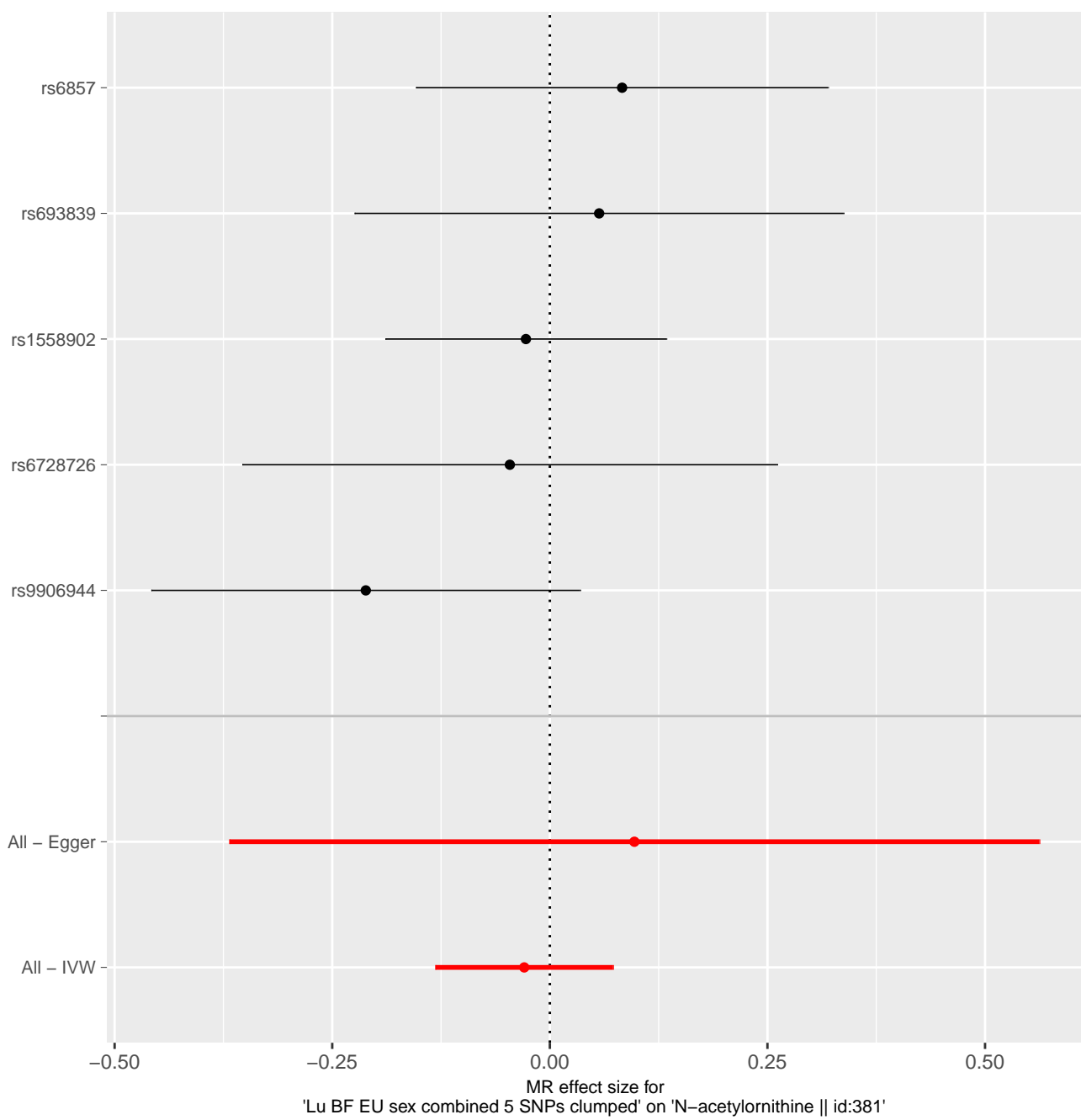
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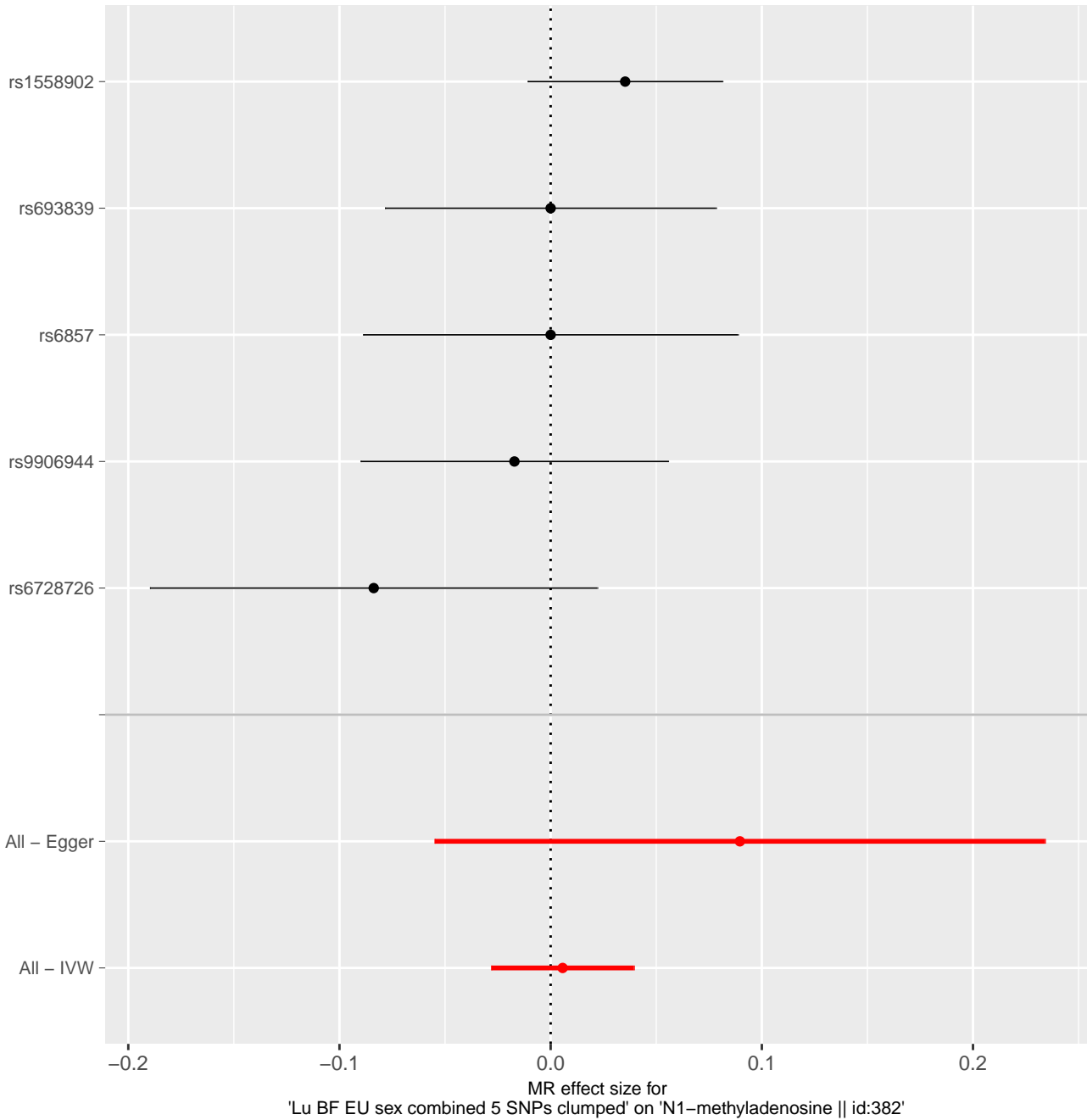
0.1

0.2

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Carnitine || id:379'







rs1558902

rs6857

rs9906944

rs693839

rs6728726

All – Egger

All – IVW

-0.2

0.0

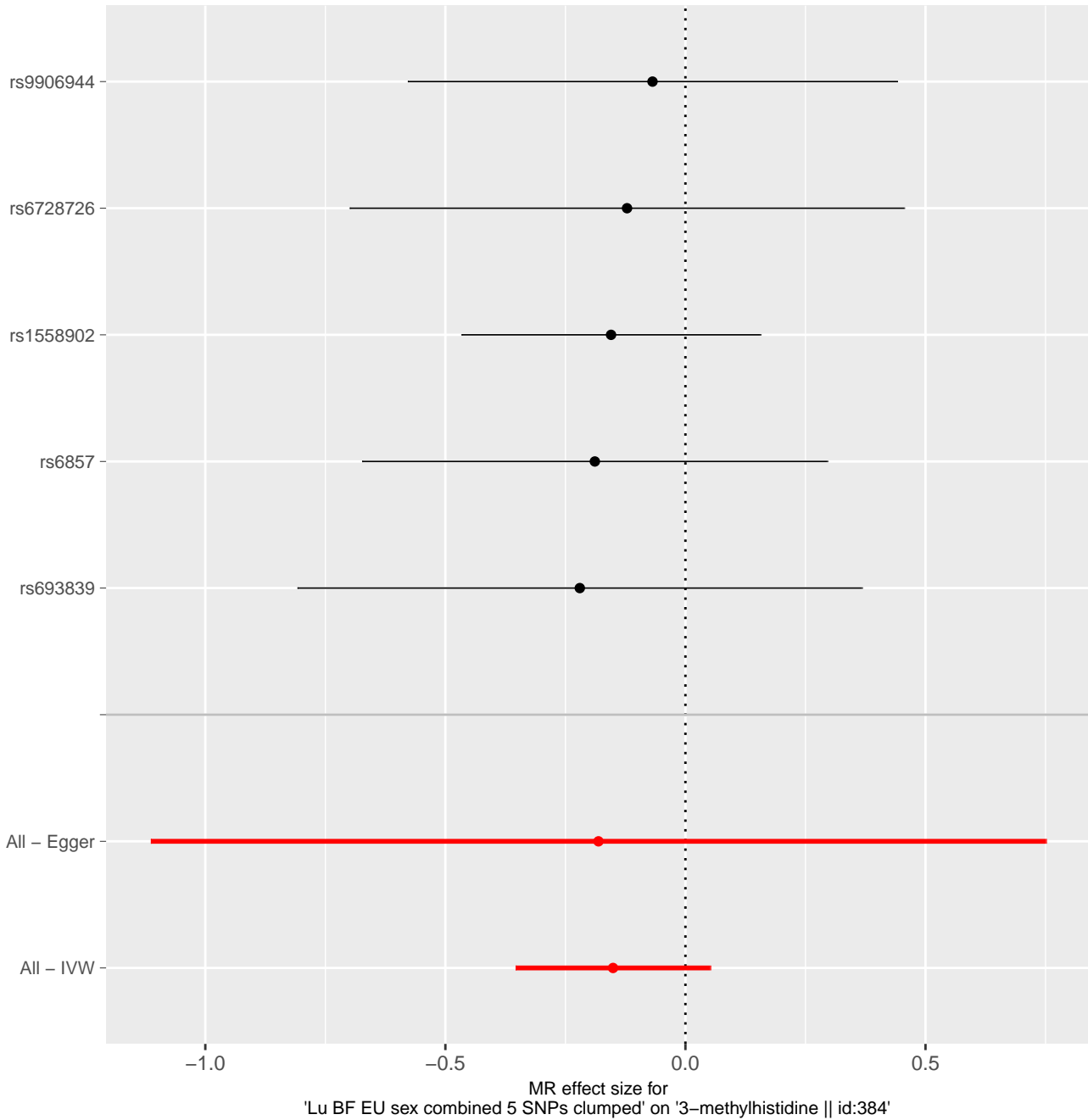
0.2

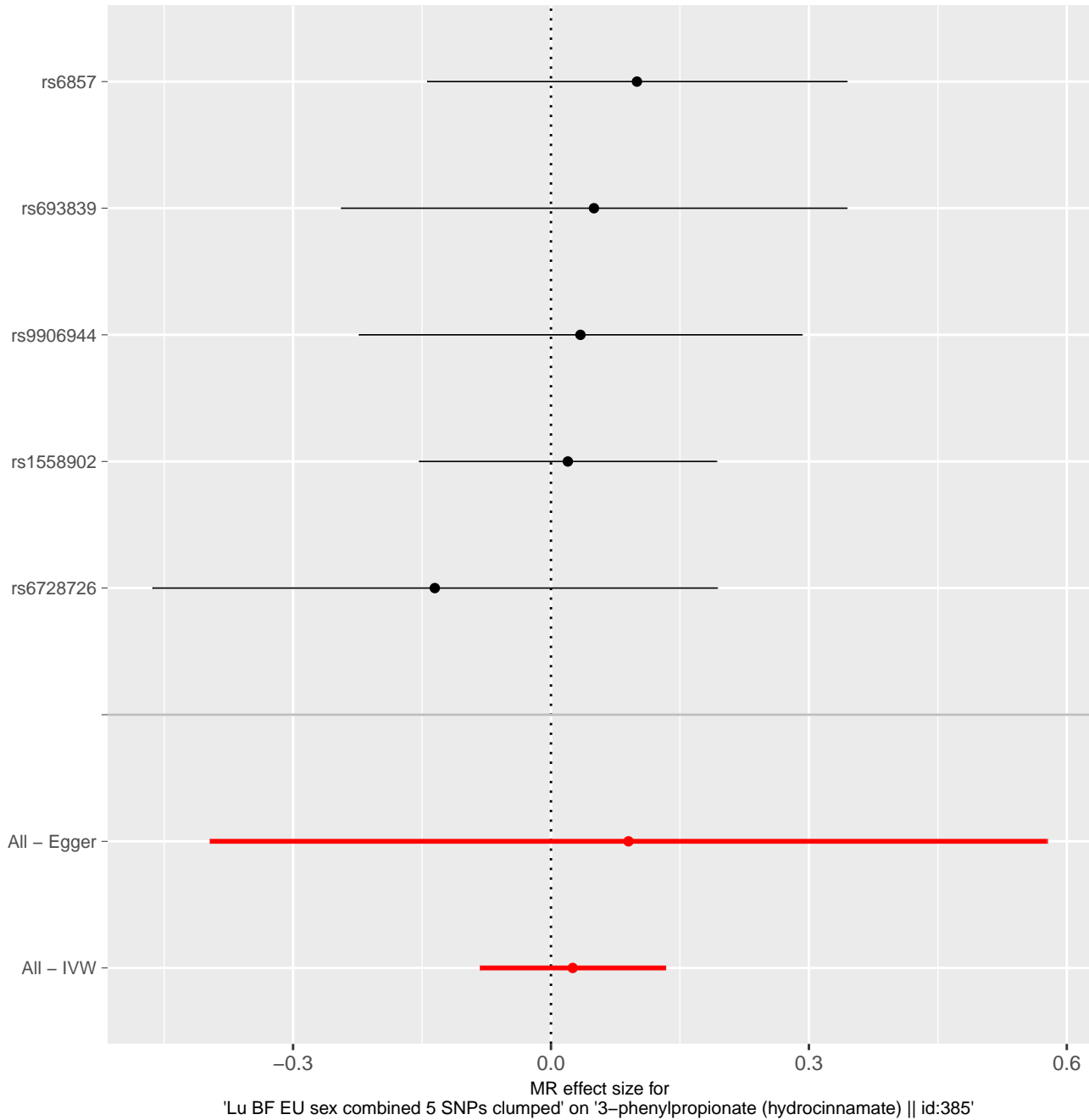
0.4

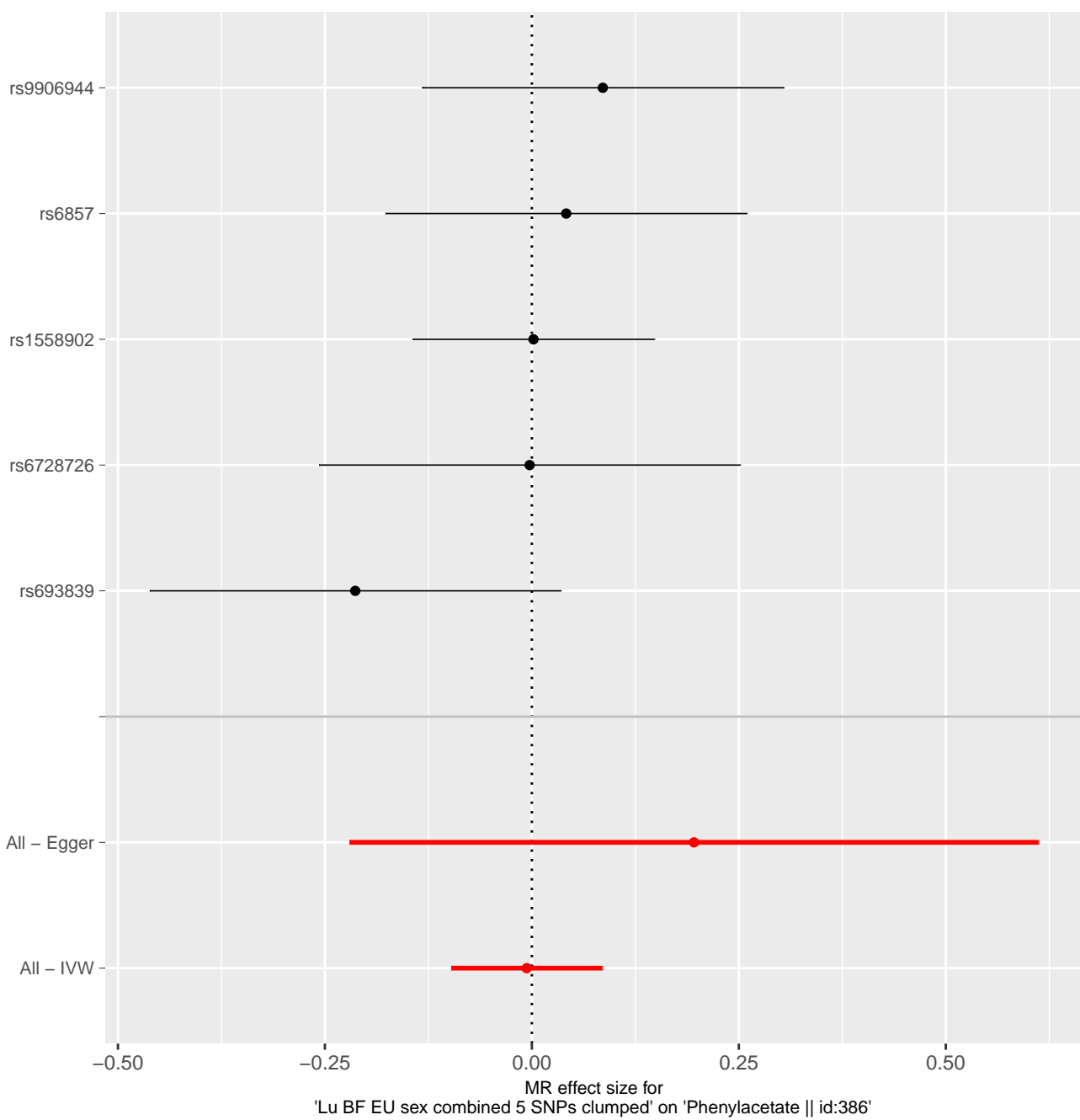
0.6

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on '3-methyl-2-oxovalerate || id:383'







rs1558902

rs6728726

rs6857

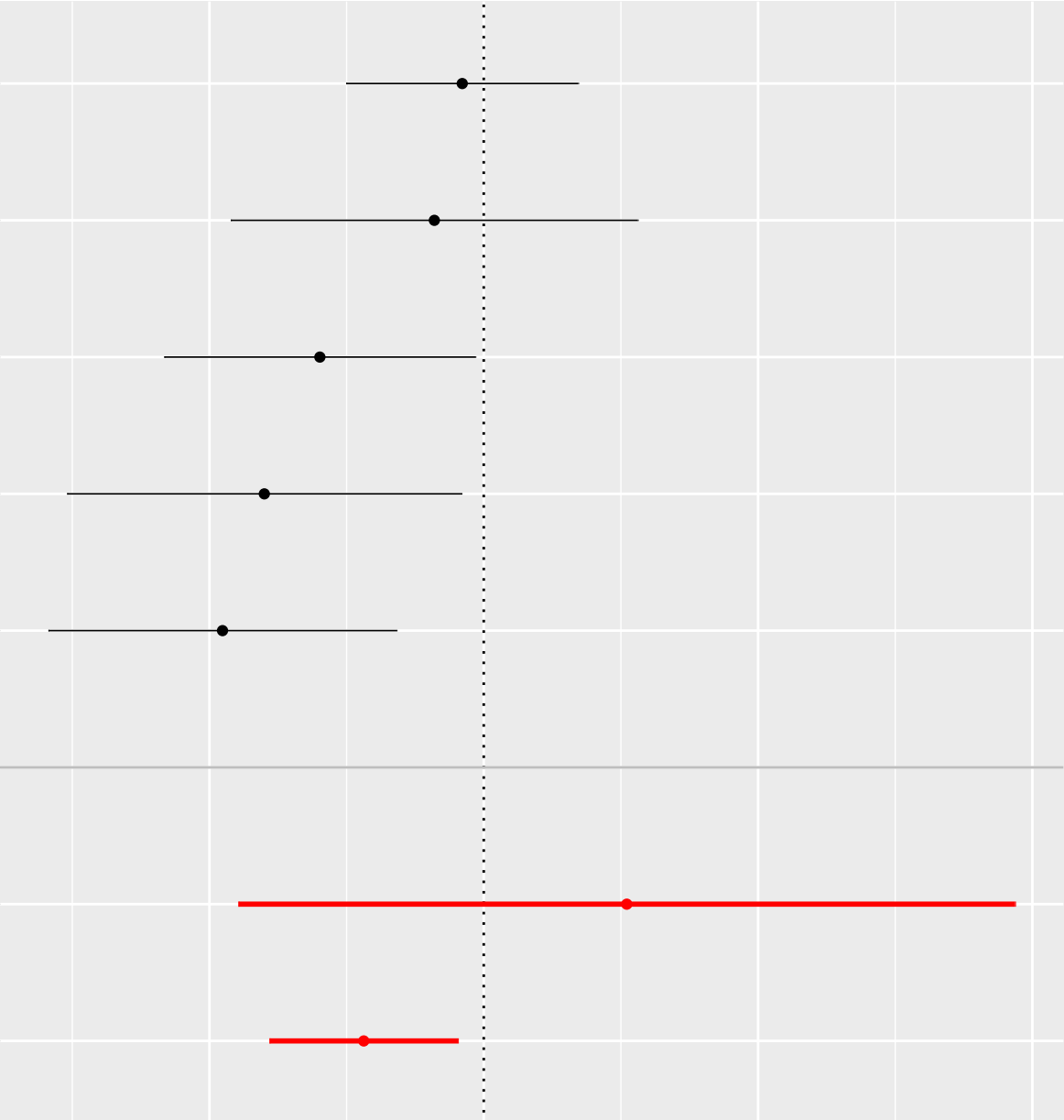
rs693839

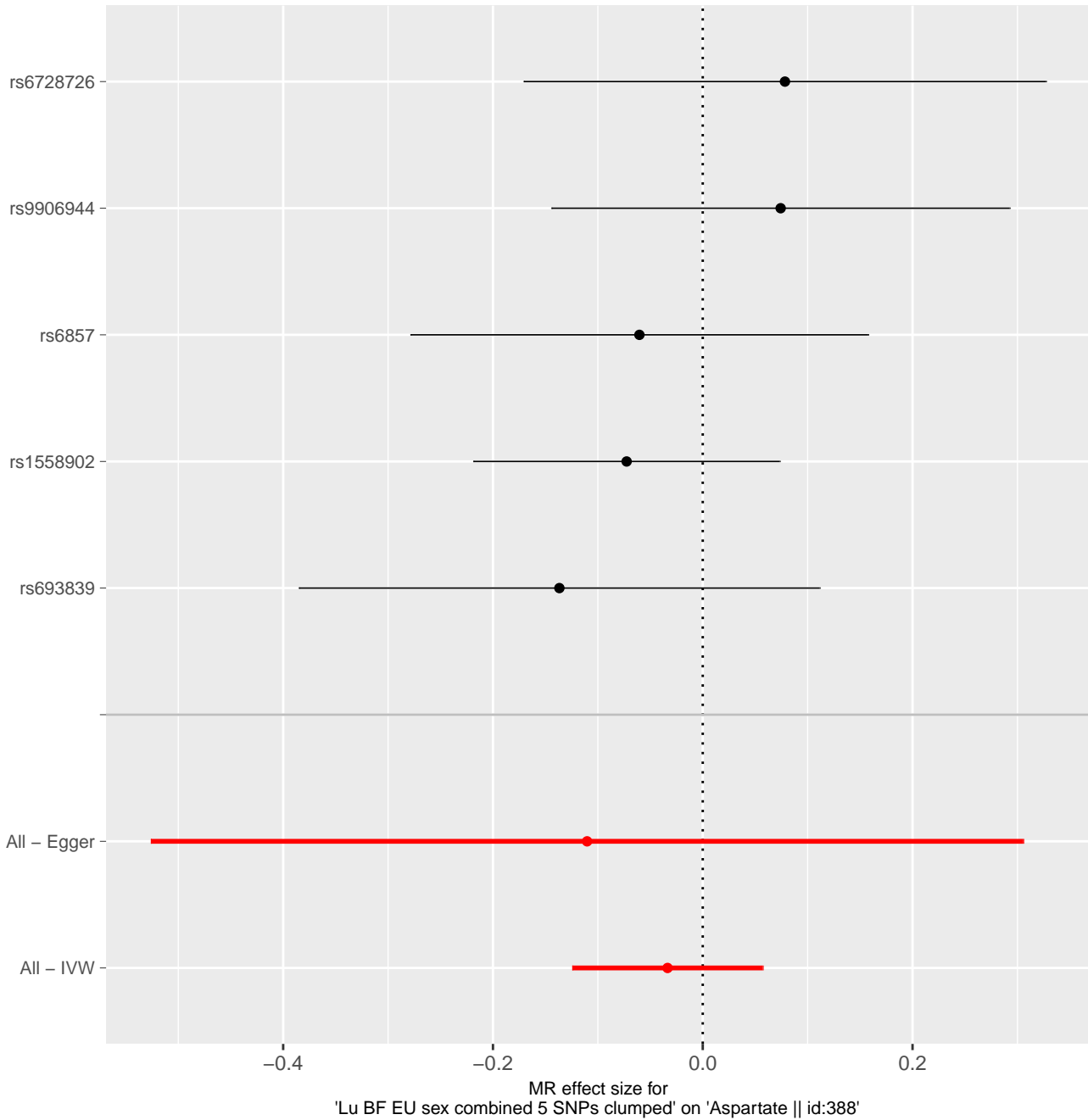
rs9906944

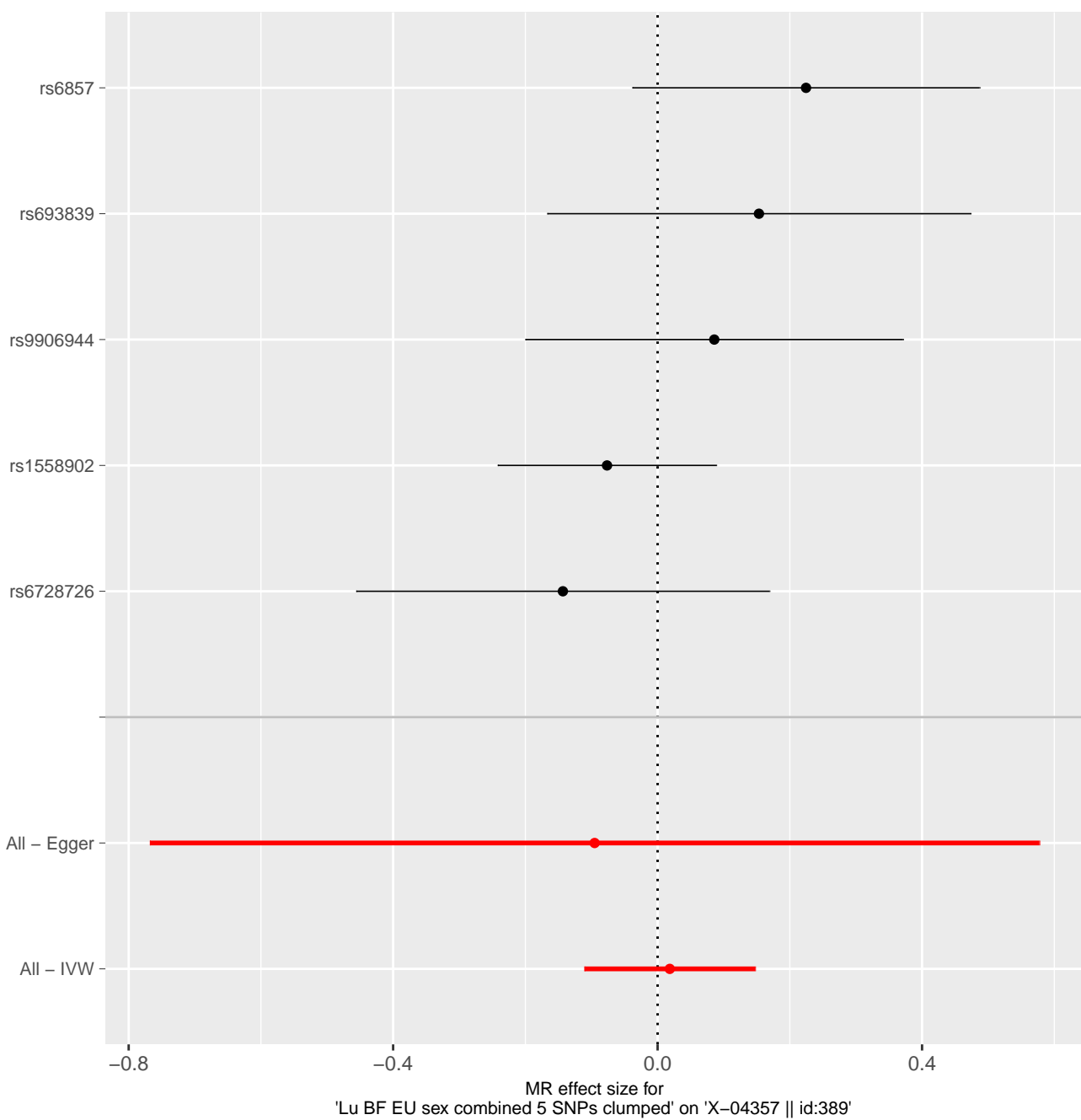
All – Egger

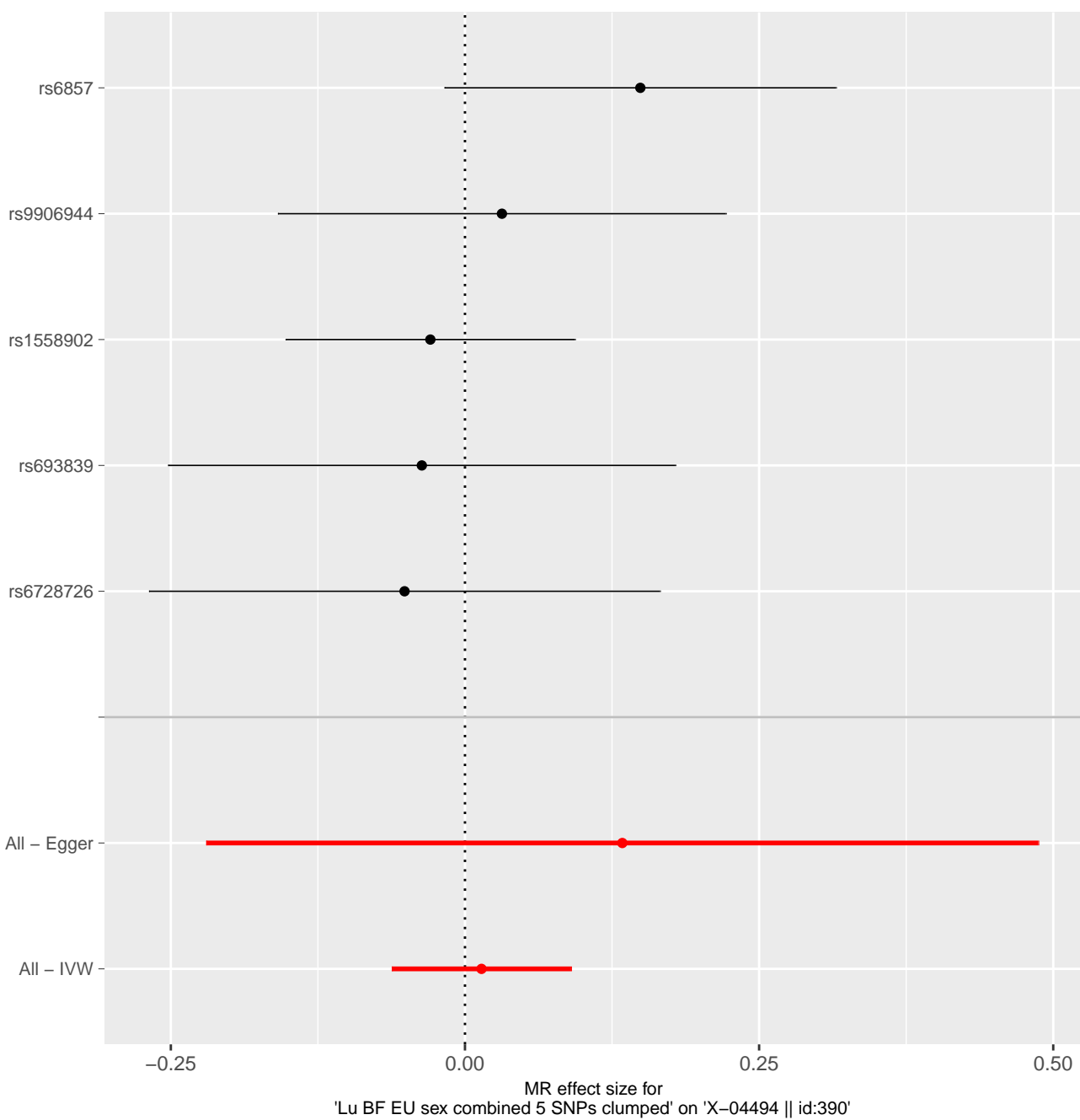
All – IVW

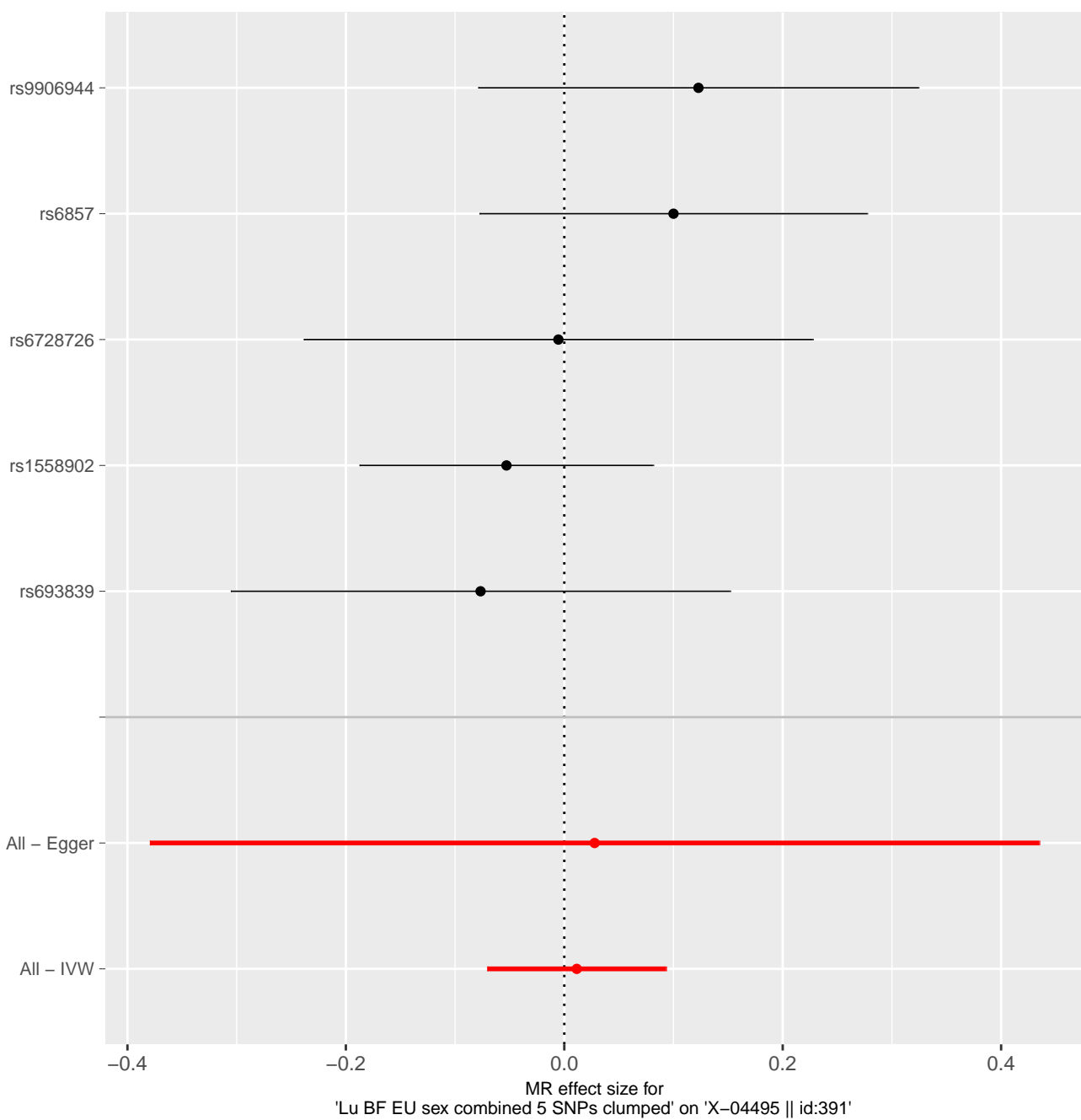
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Glycerophosphorylcholine (GPC) || id:387'

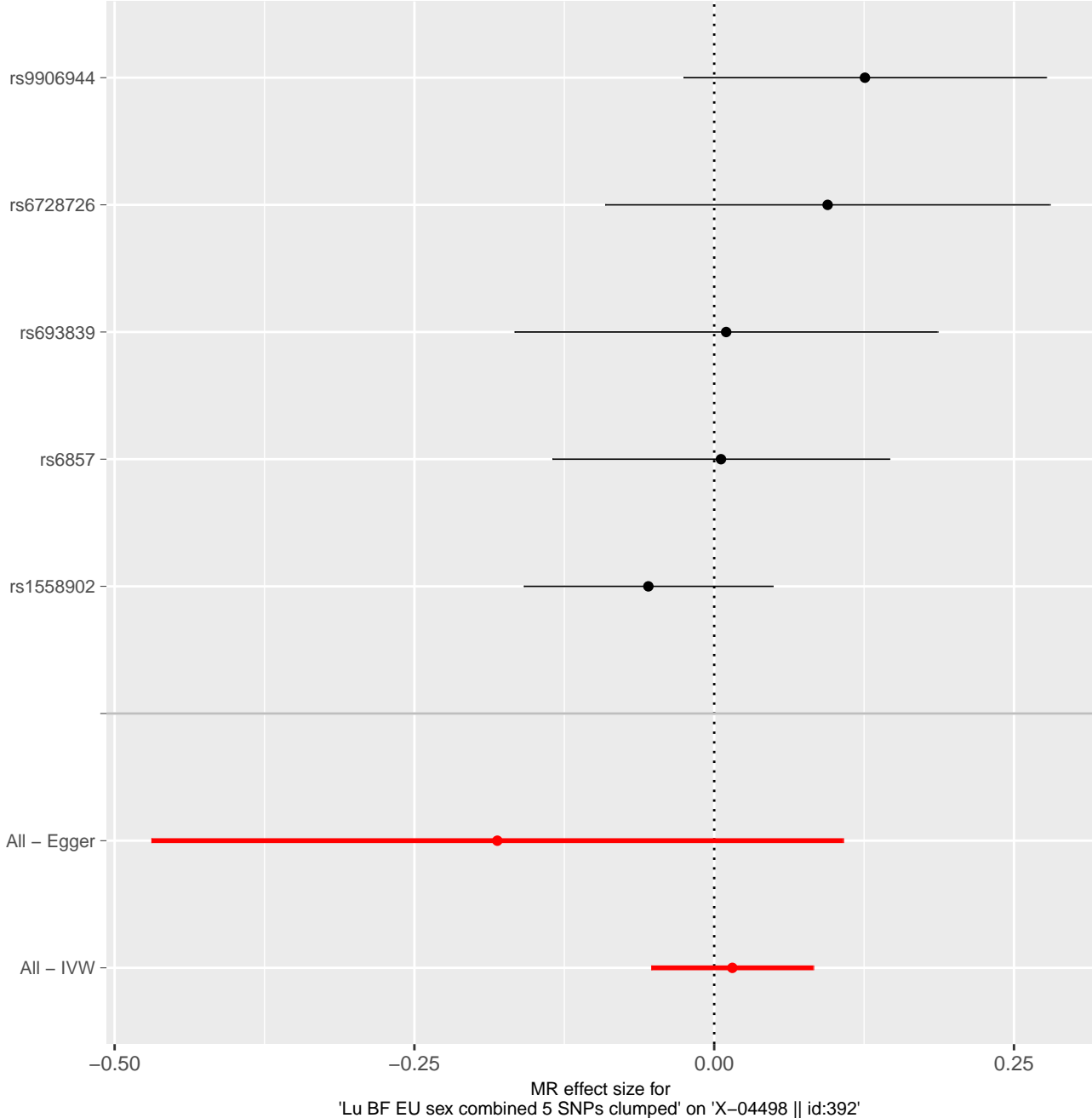












rs9906944

rs6857

rs1558902

rs6728726

rs693839

All – Egger

All – IVW

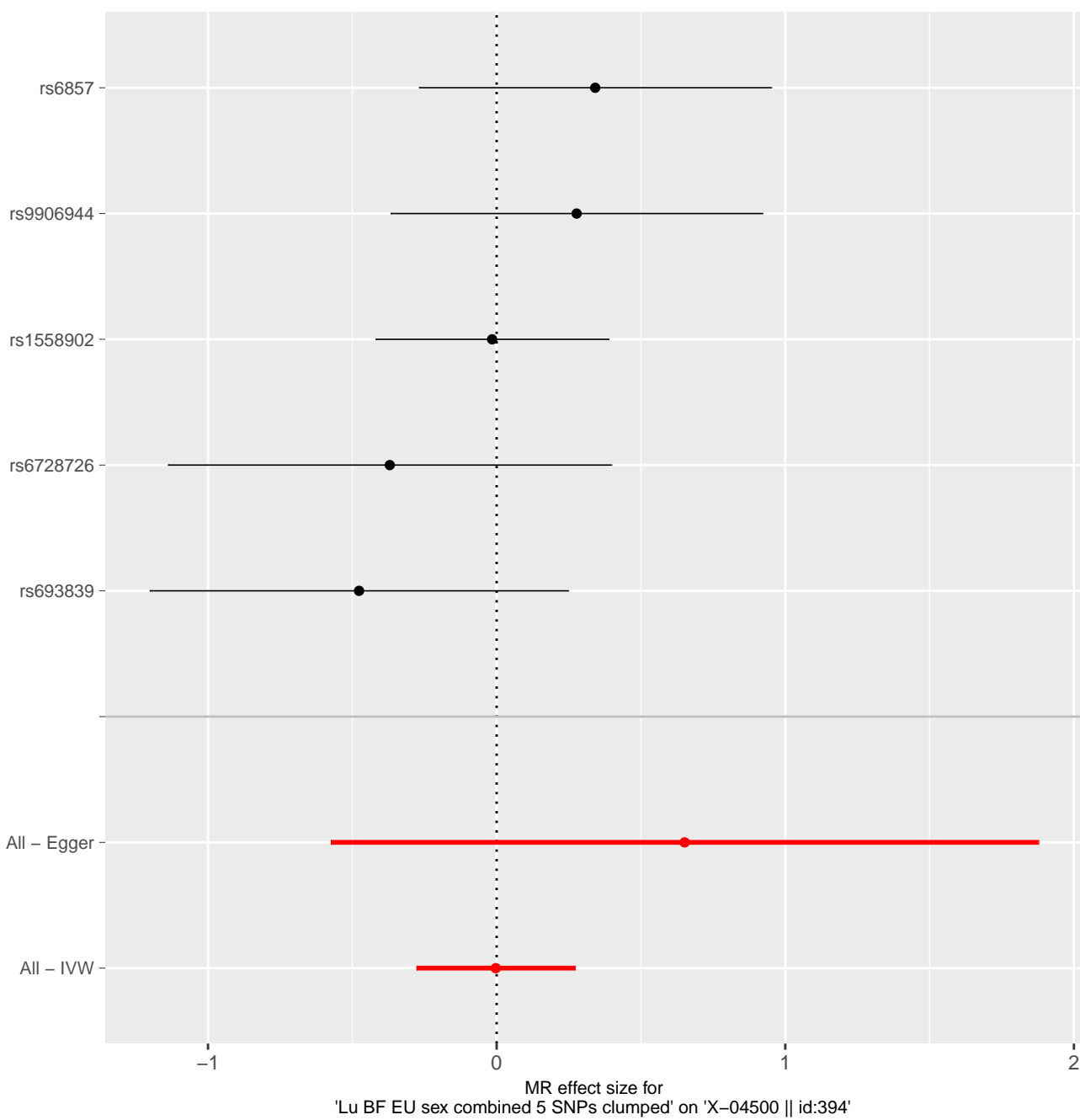
-0.2

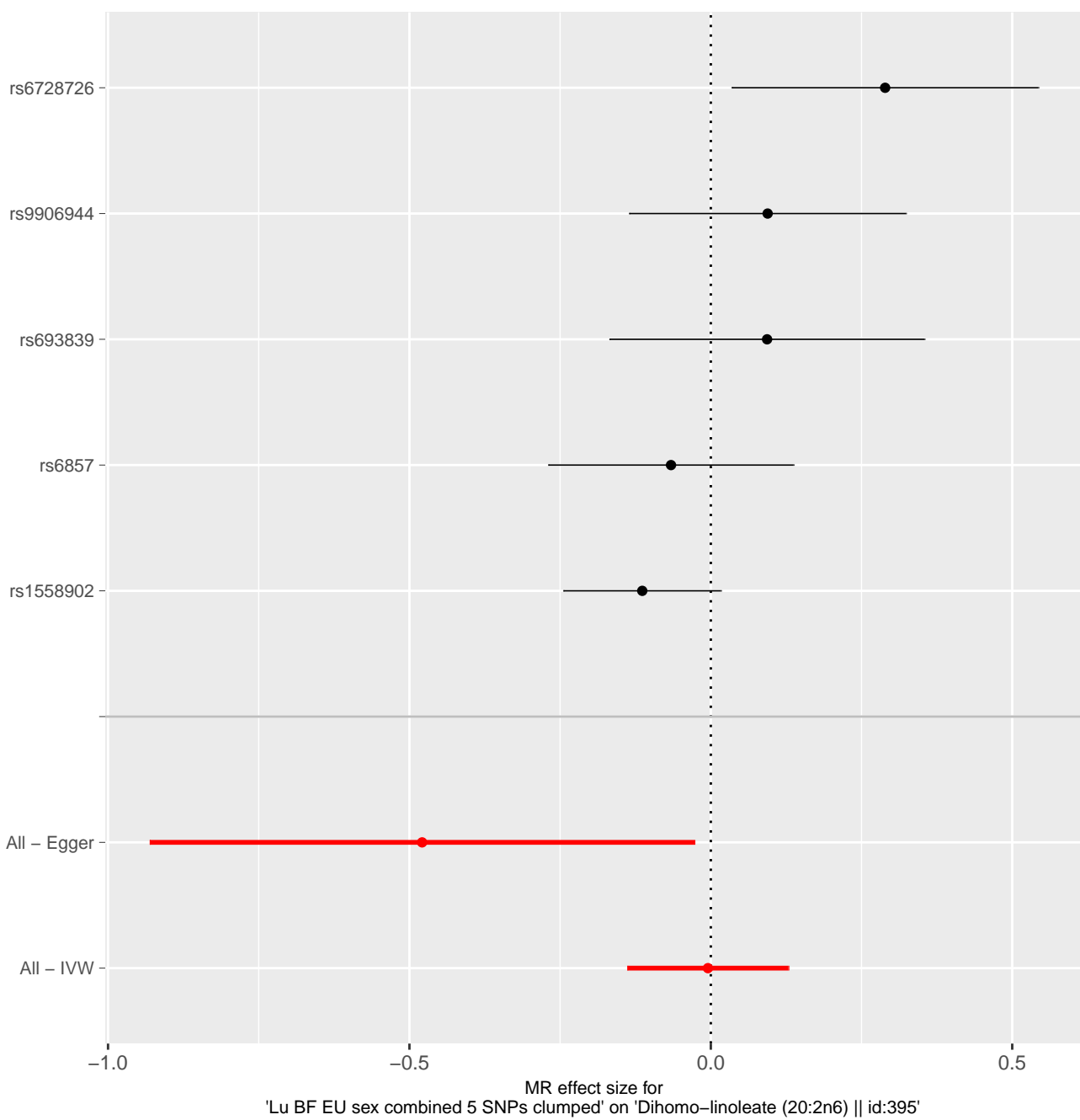
0.0

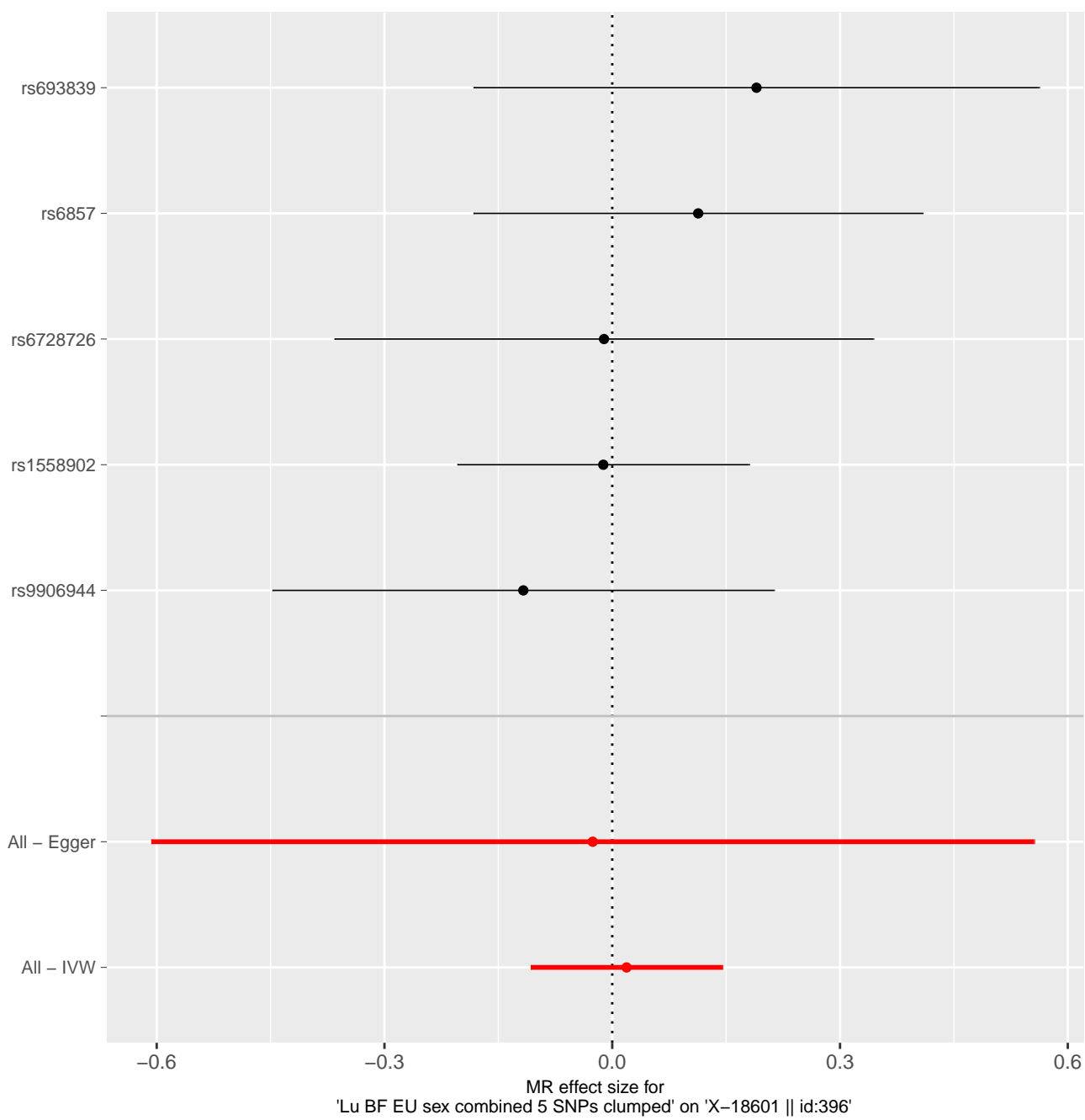
0.2

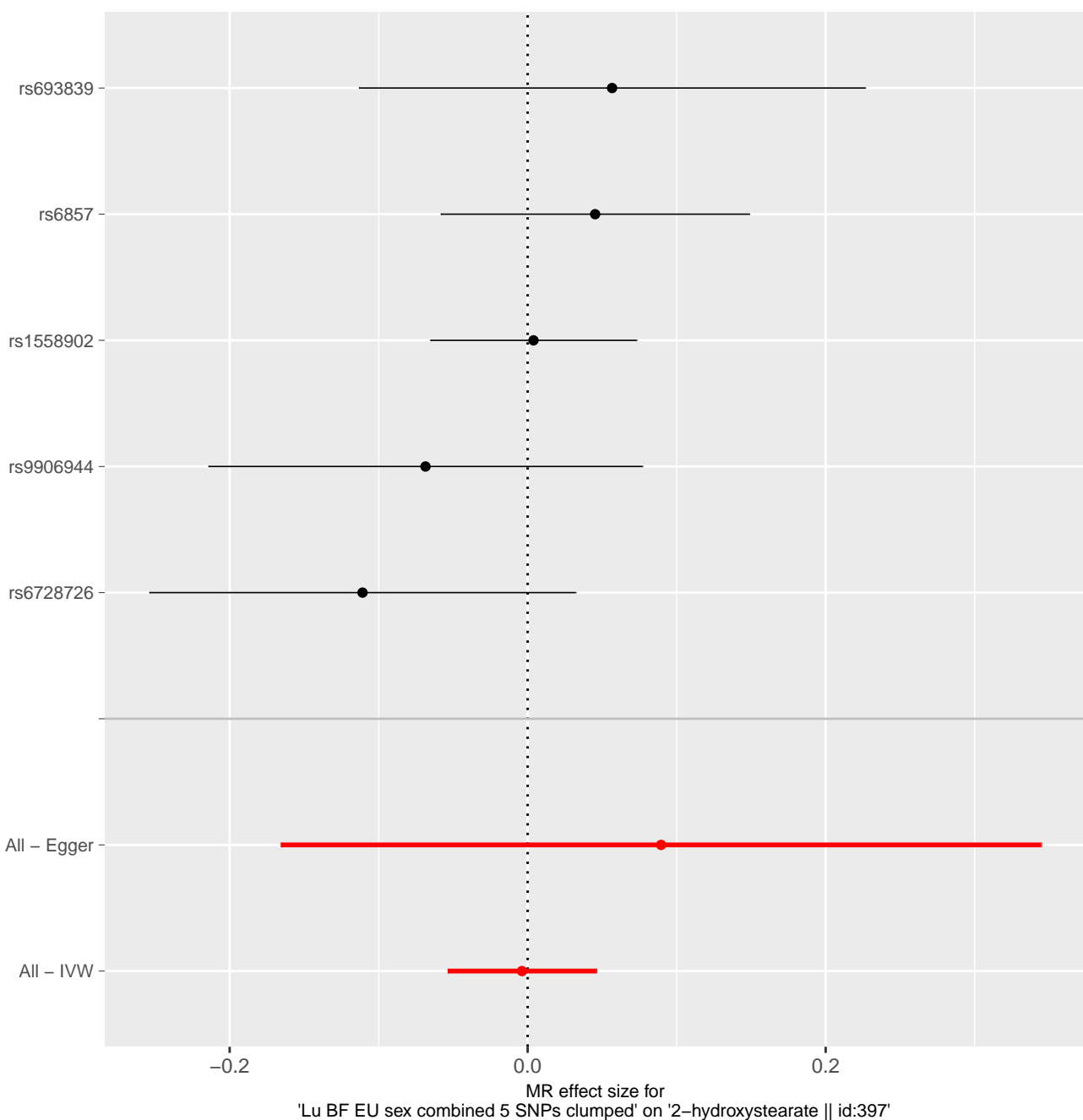
0.4

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-04499—3,4-dihydroxybutyrate || id:393'









rs1558902

rs6728726

rs6857

rs693839

rs9906944

All – Egger

All – IVW

-0.5

0.0

0.5

1.0

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'X-05426 || id:398'

rs6857

rs6728726

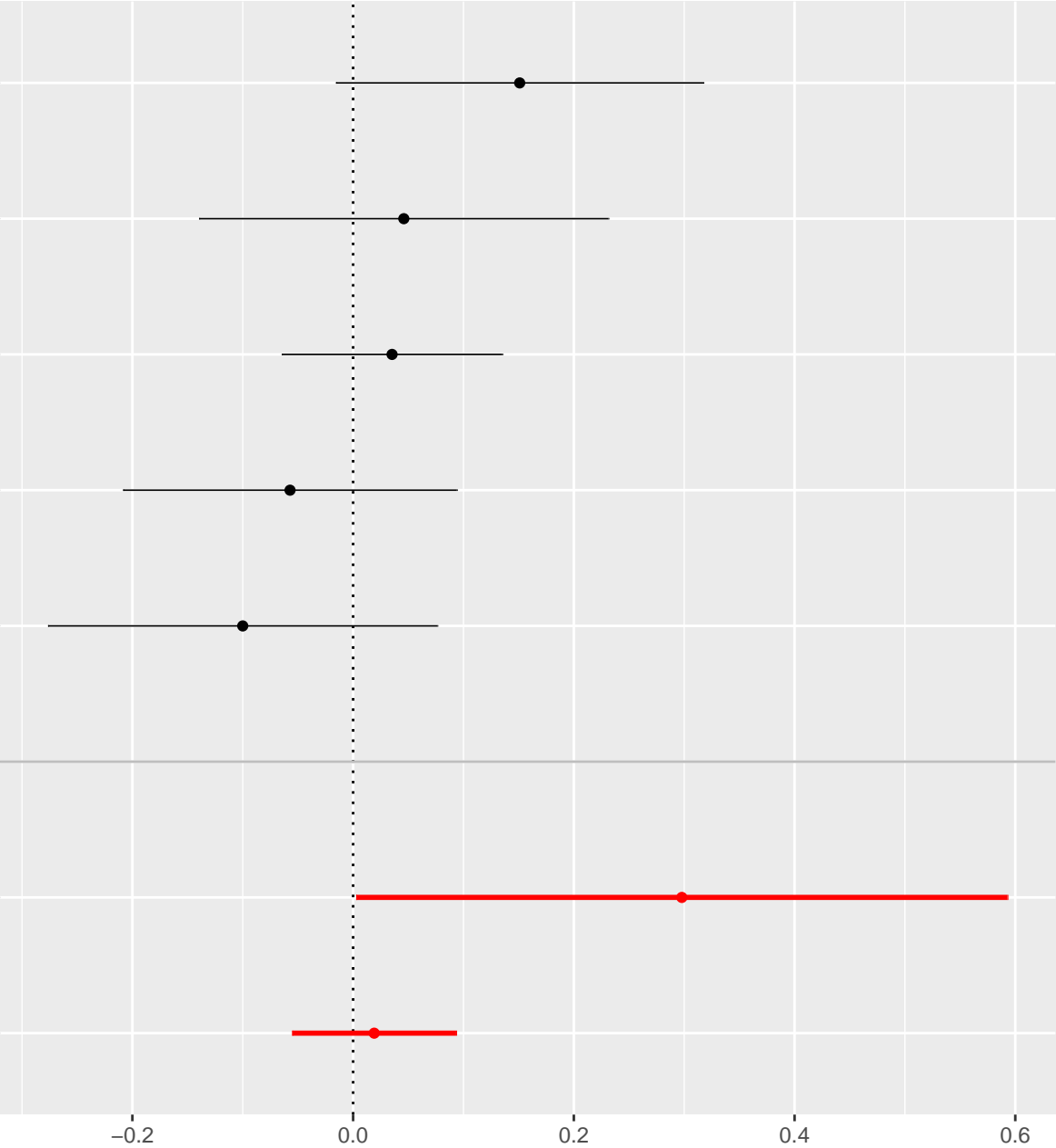
rs1558902

rs9906944

rs693839

All – Egger

All – IVW



rs9906944

rs6728726

rs6857

rs1558902

rs693839

All – Egger

All – IVW

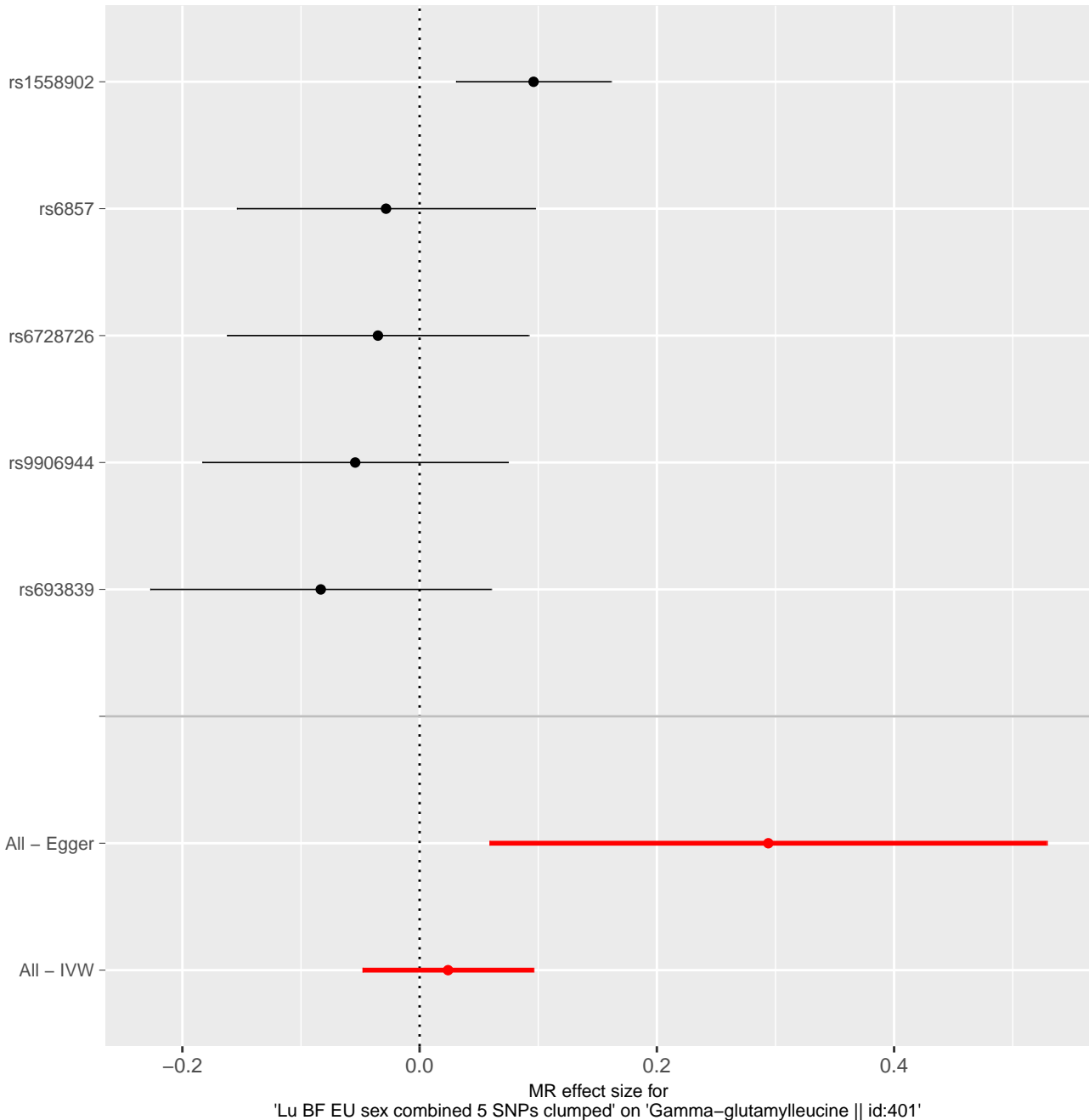
-0.5

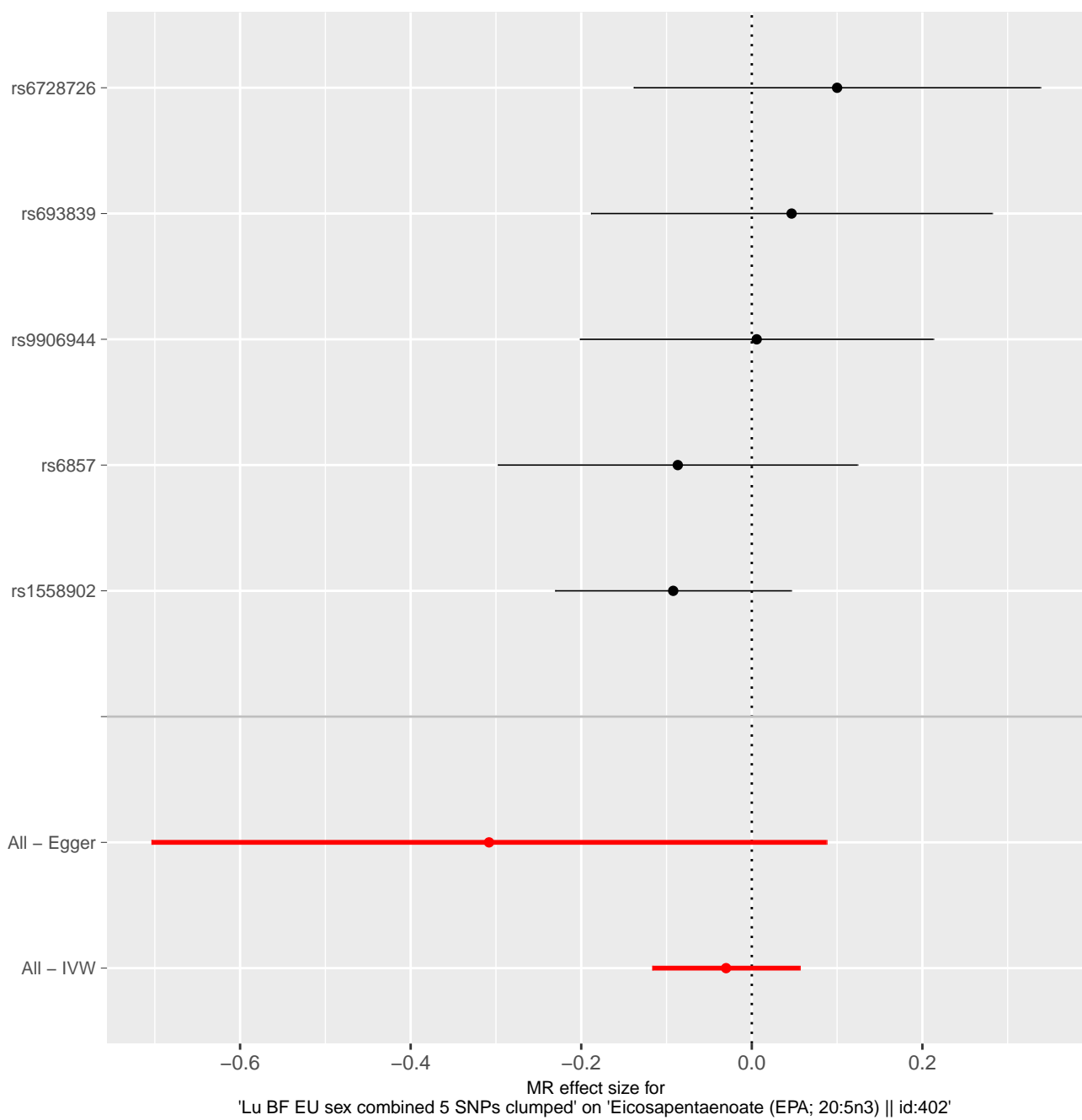
0.0

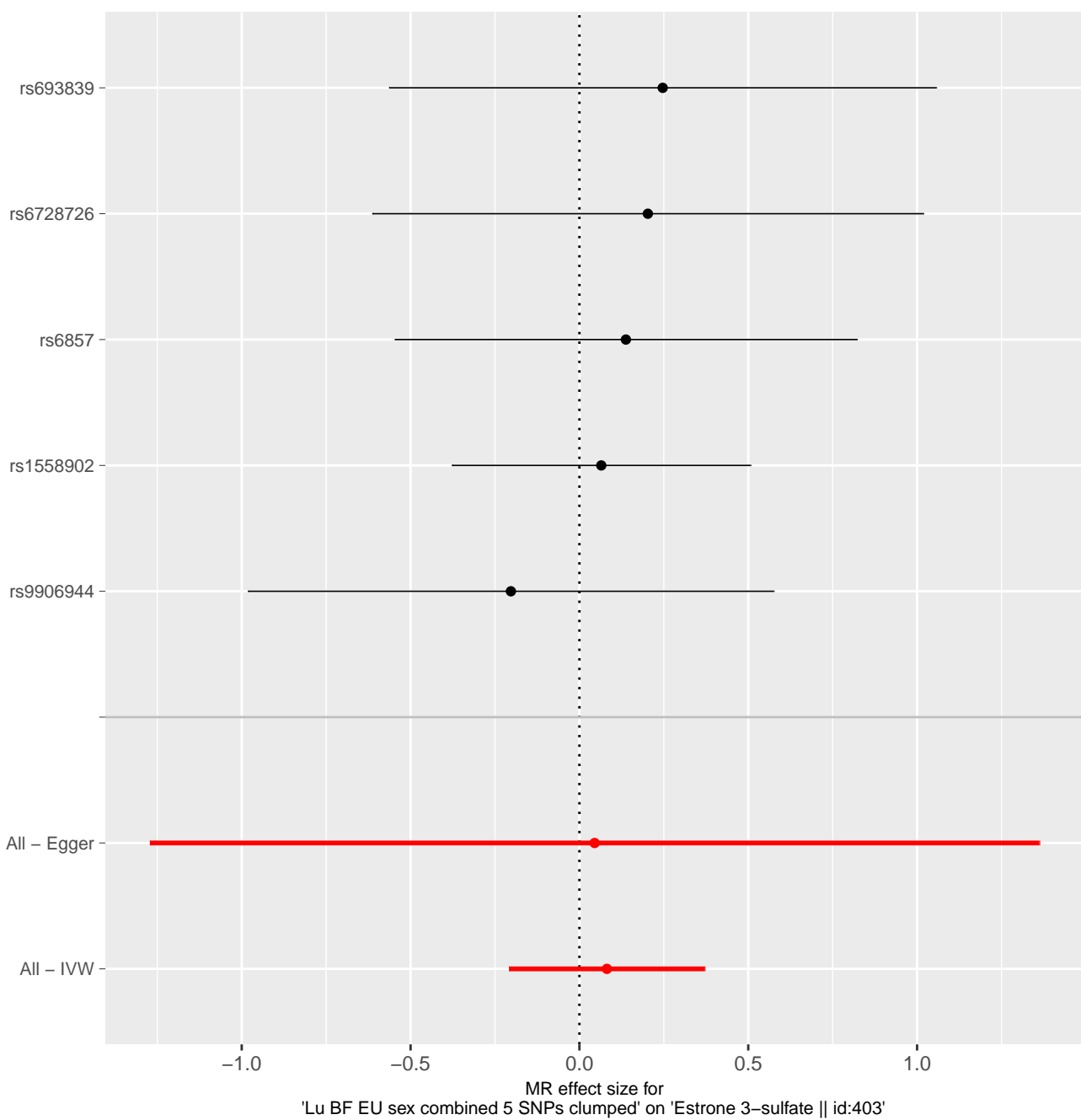
0.5

1.0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Glycylvaline || id:400'







rs6857

rs6728726

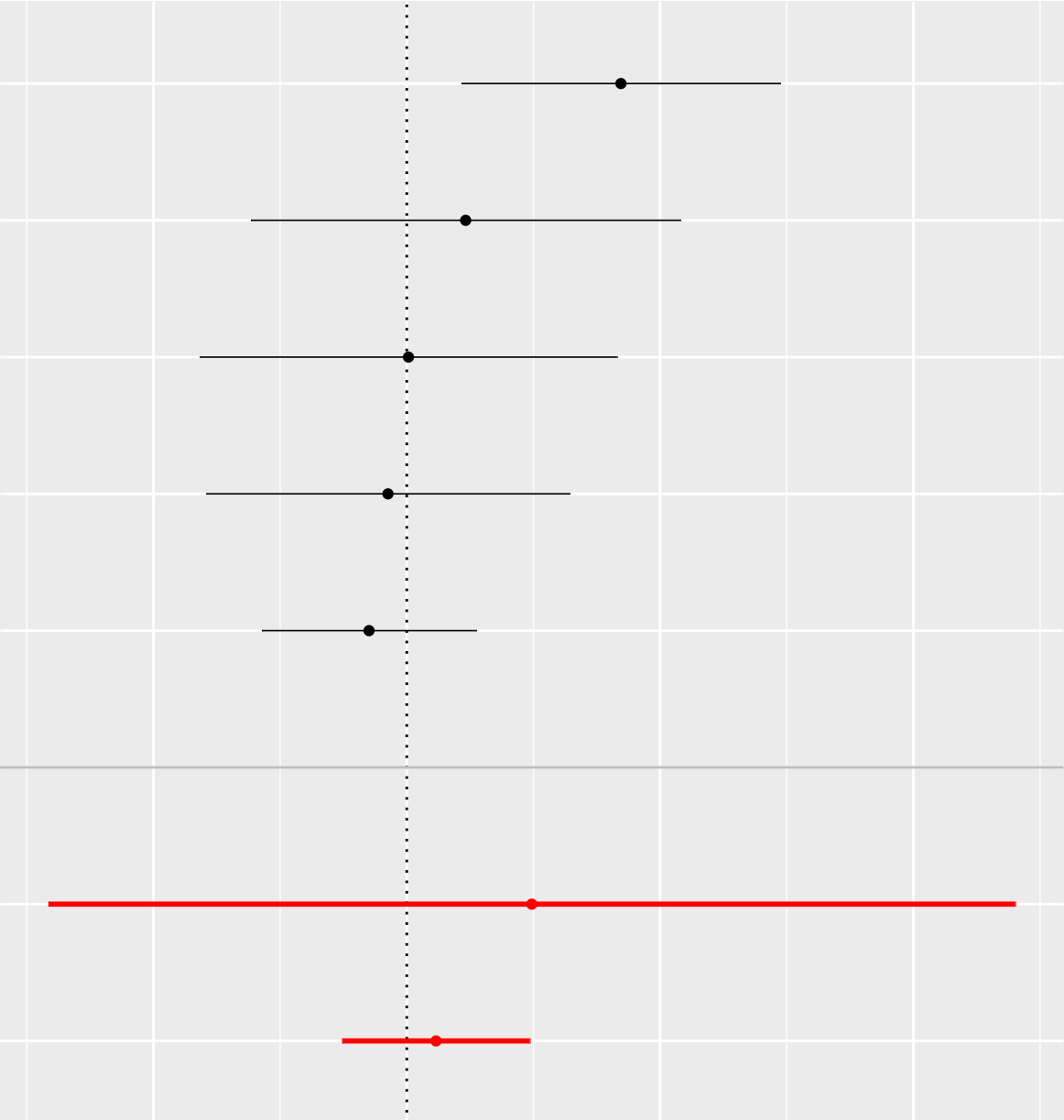
rs693839

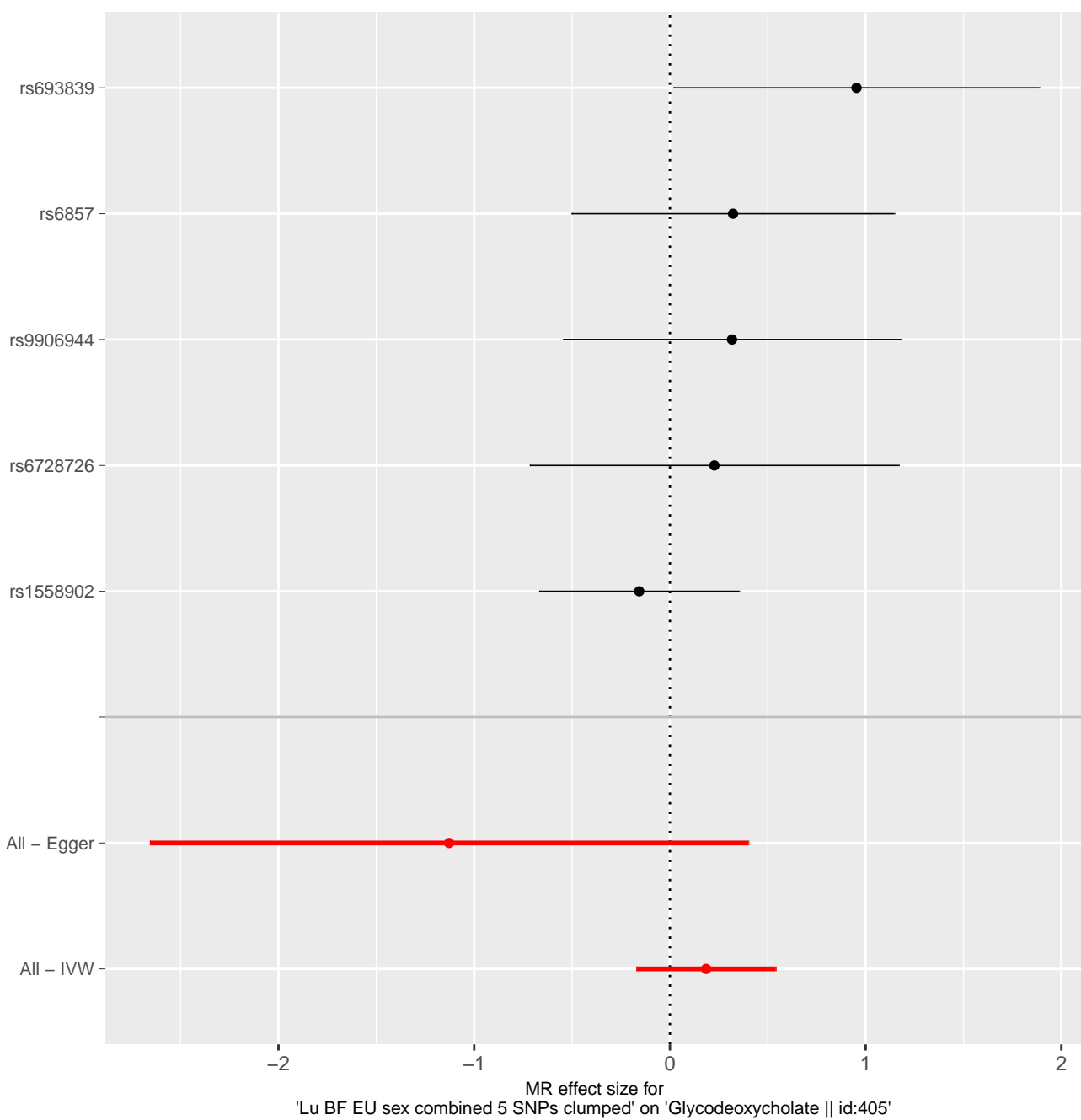
rs9906944

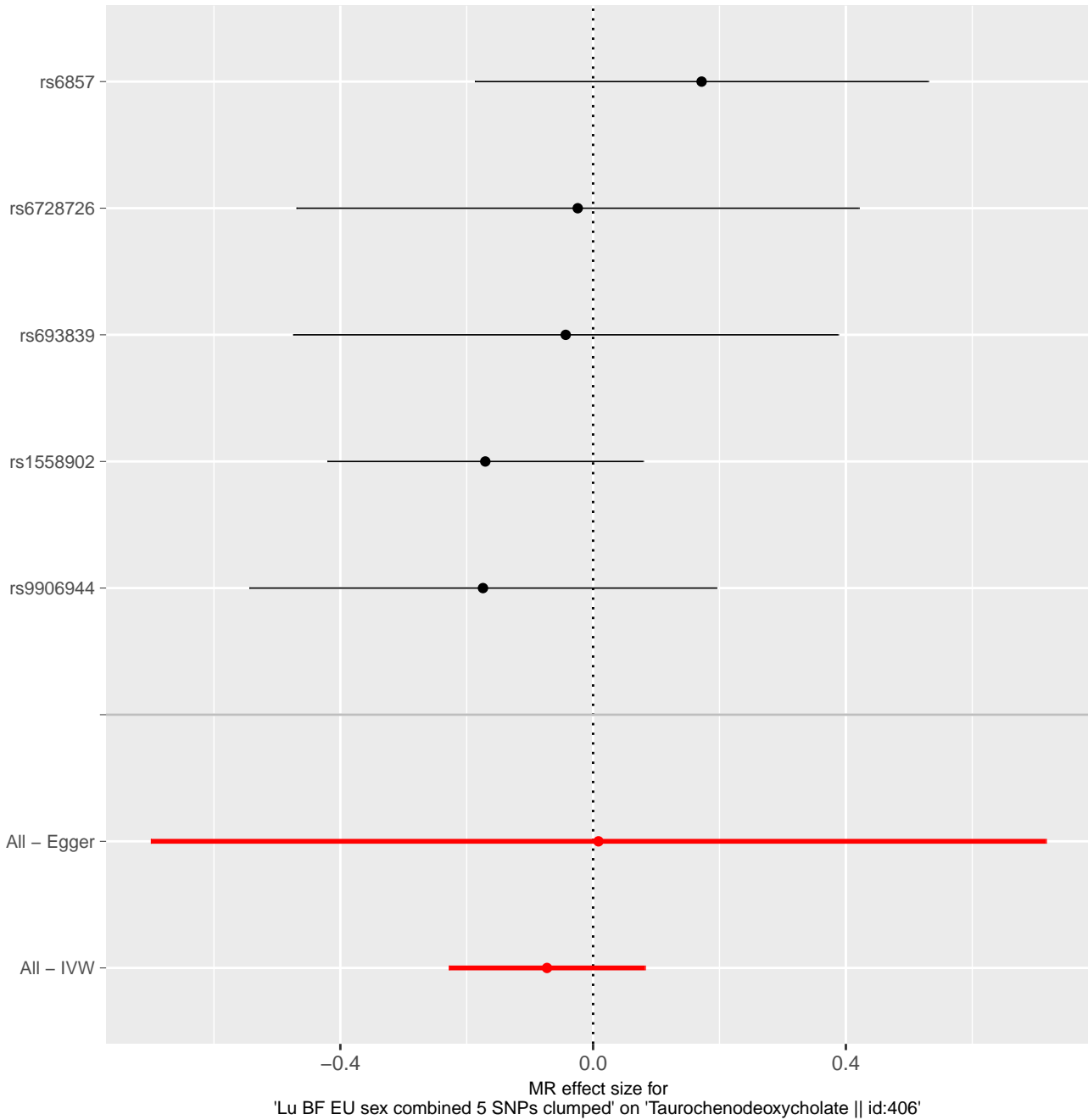
rs1558902

All – Egger

All – IVW







rs6857

rs1558902

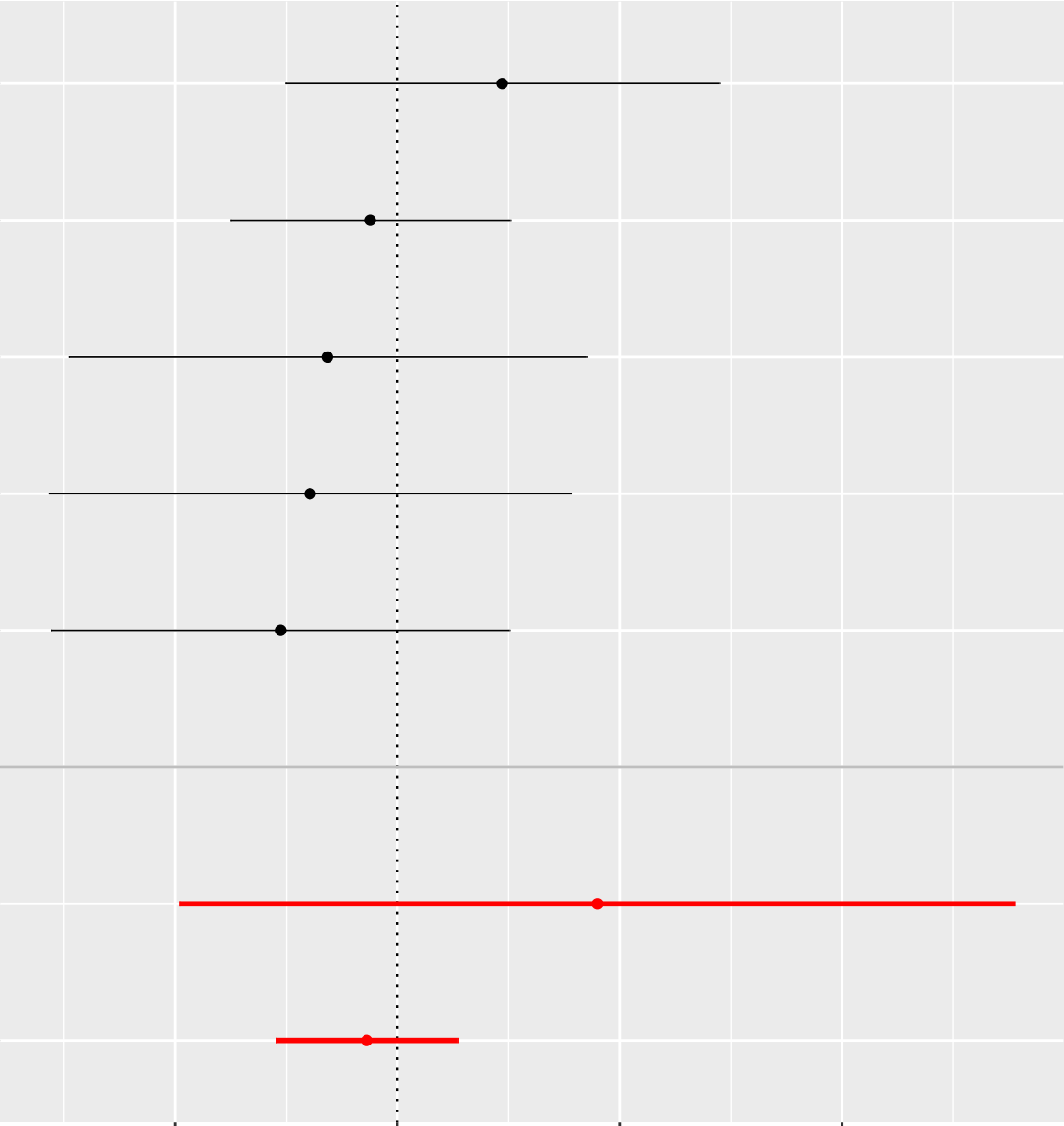
rs6728726

rs693839

rs9906944

All – Egger

All – IVW



rs6857

rs9906944

rs693839

rs6728726

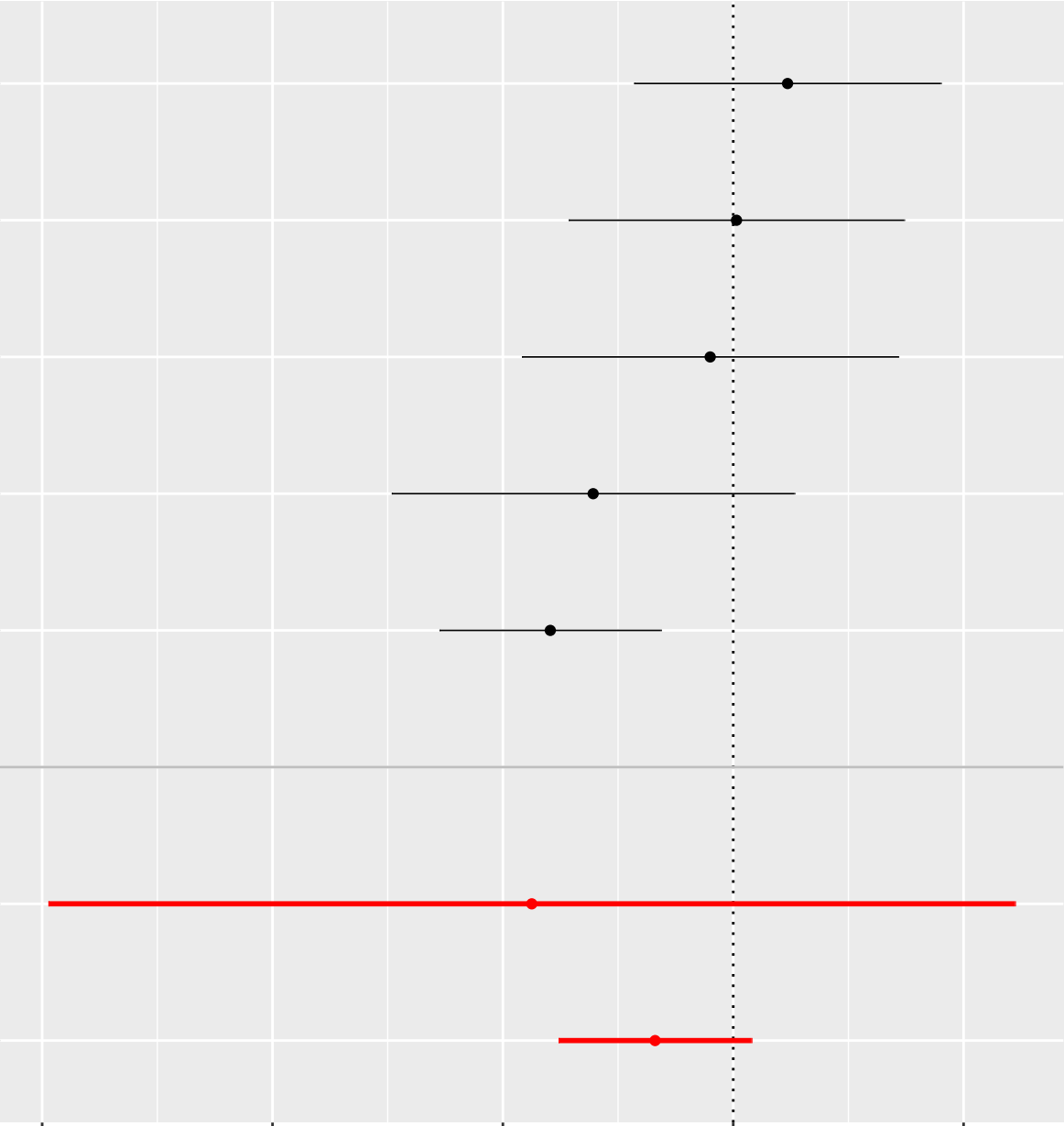
rs1558902

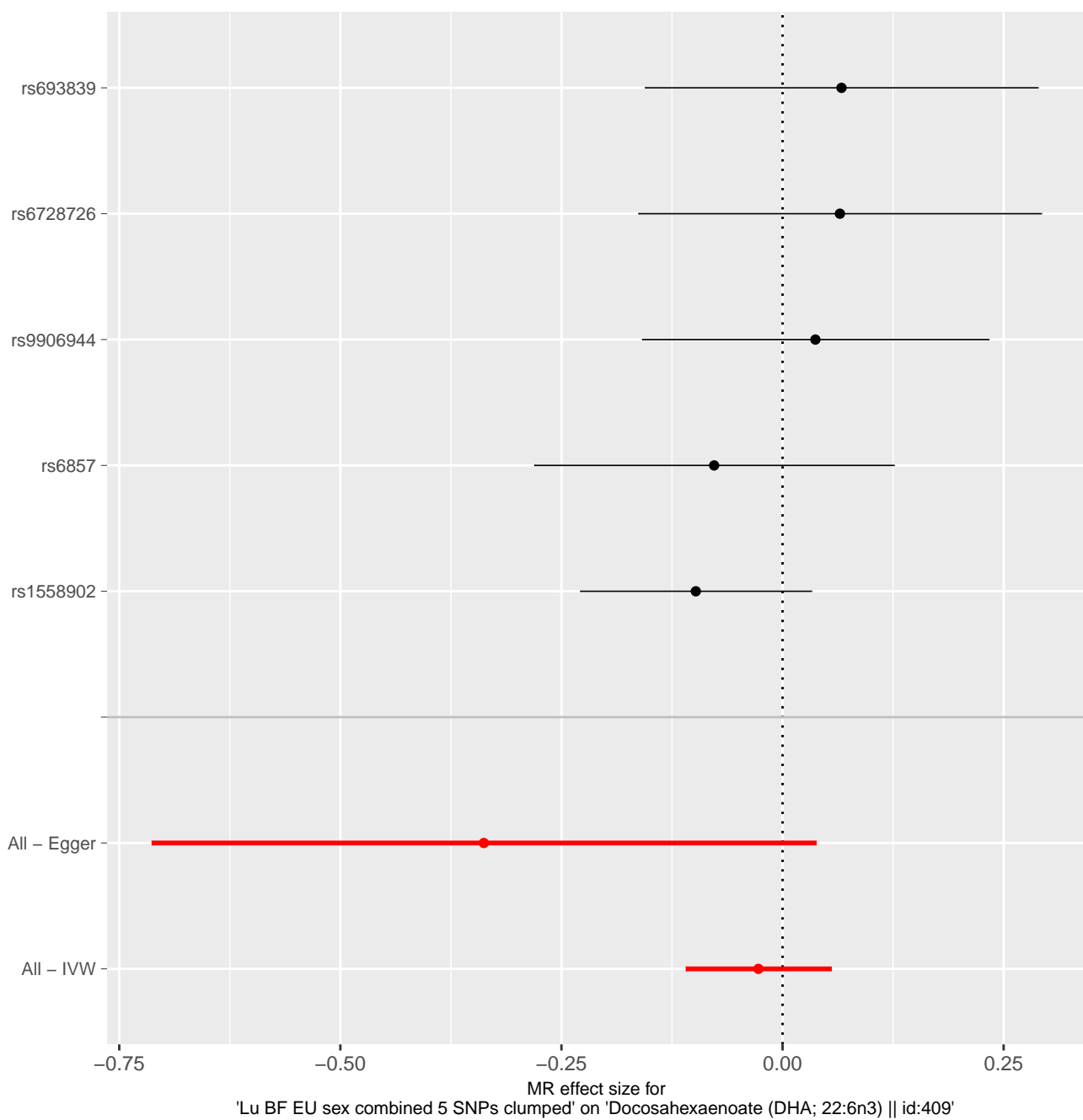
All – Egger

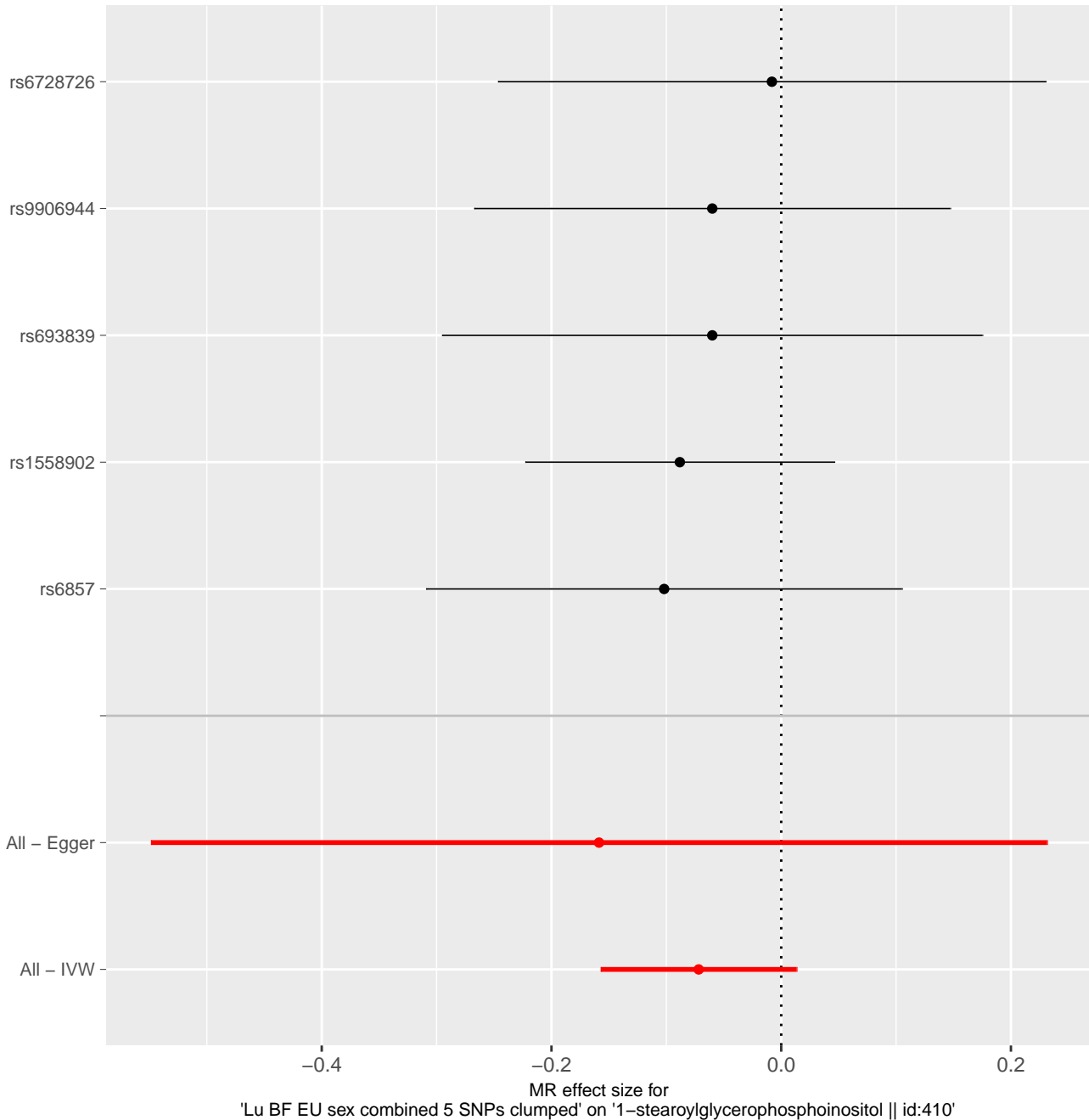
All – IVW

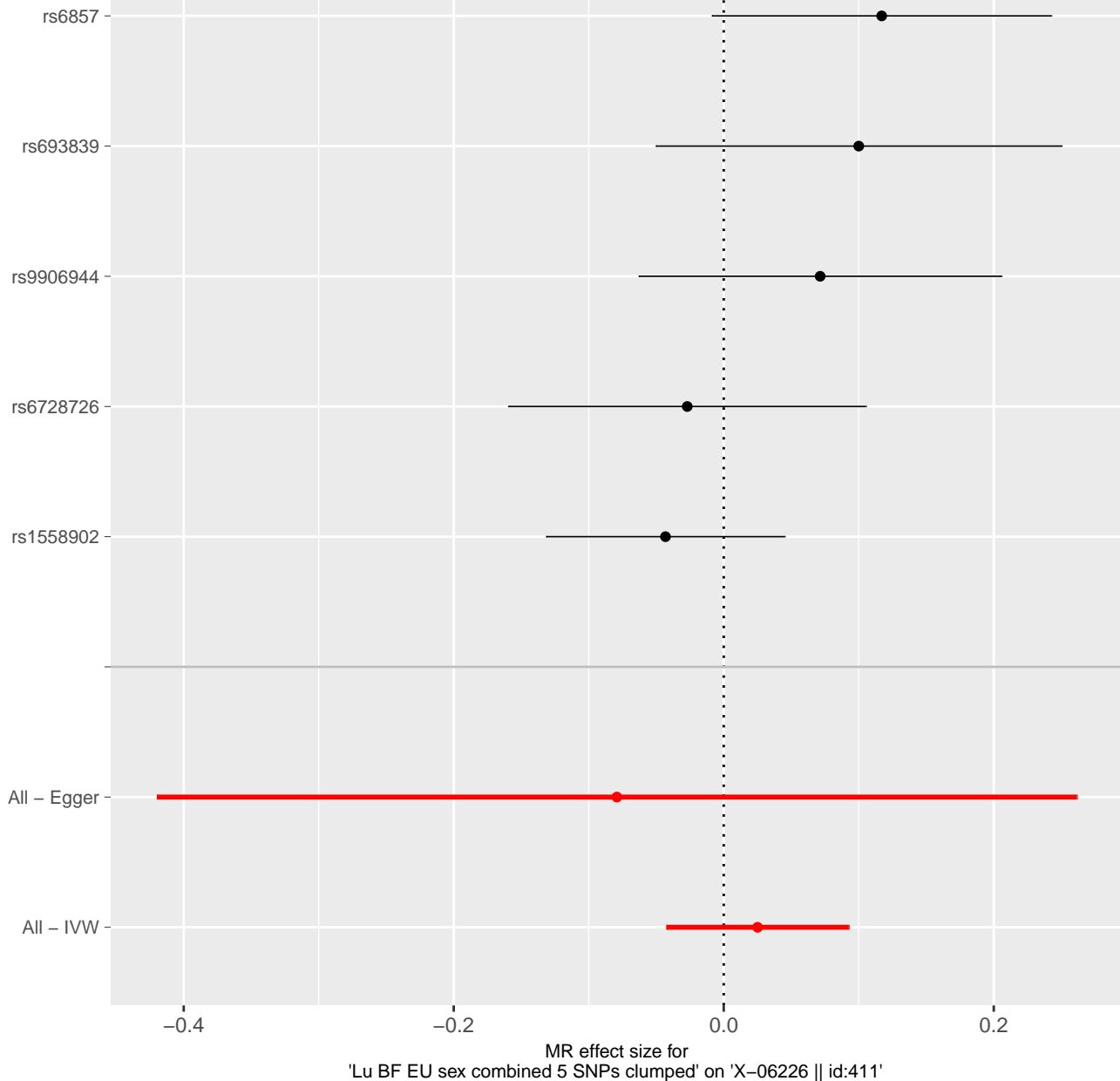
-0.6 -0.4 -0.2 0.0 0.2

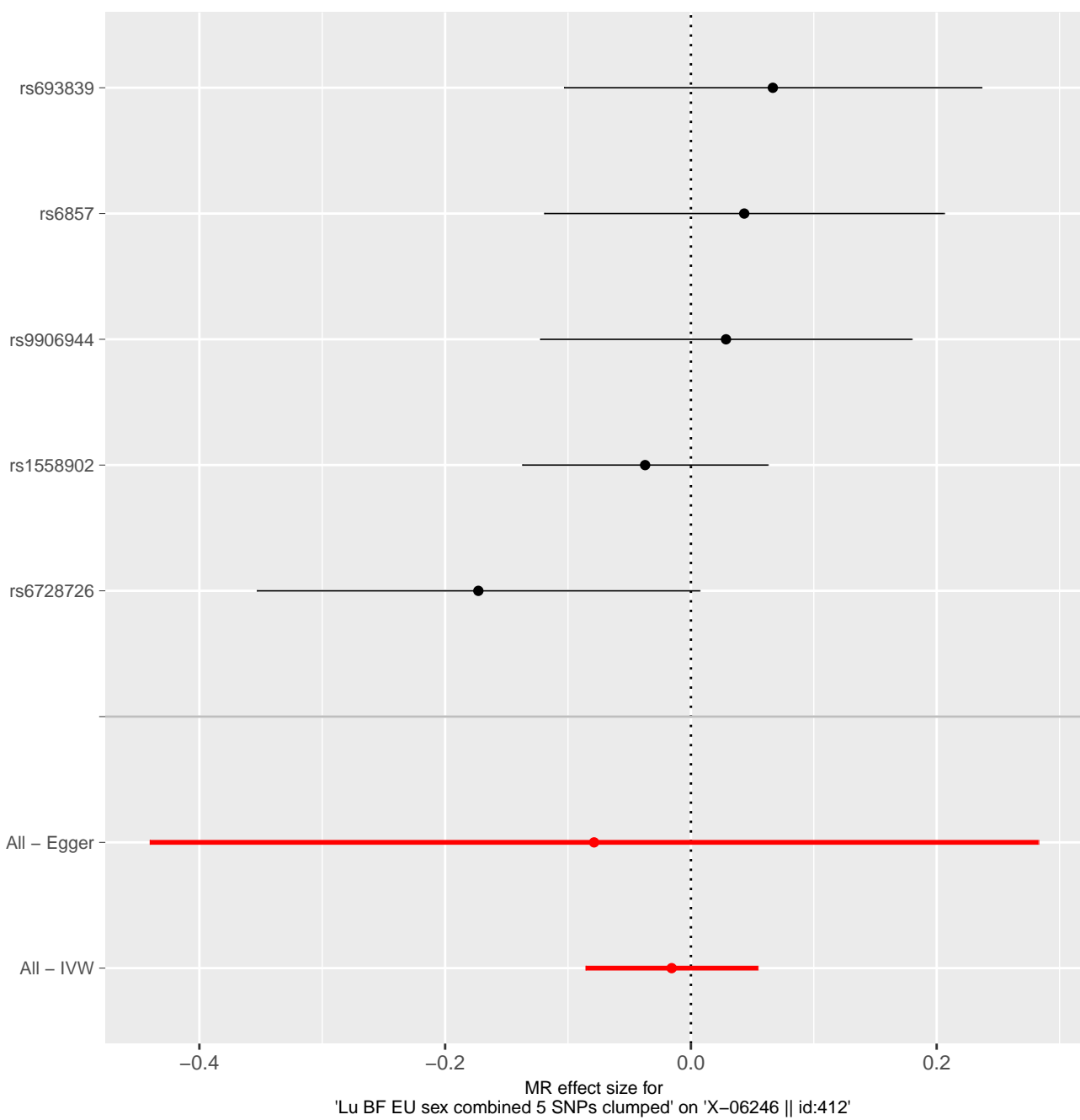
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-05907 || id:408'

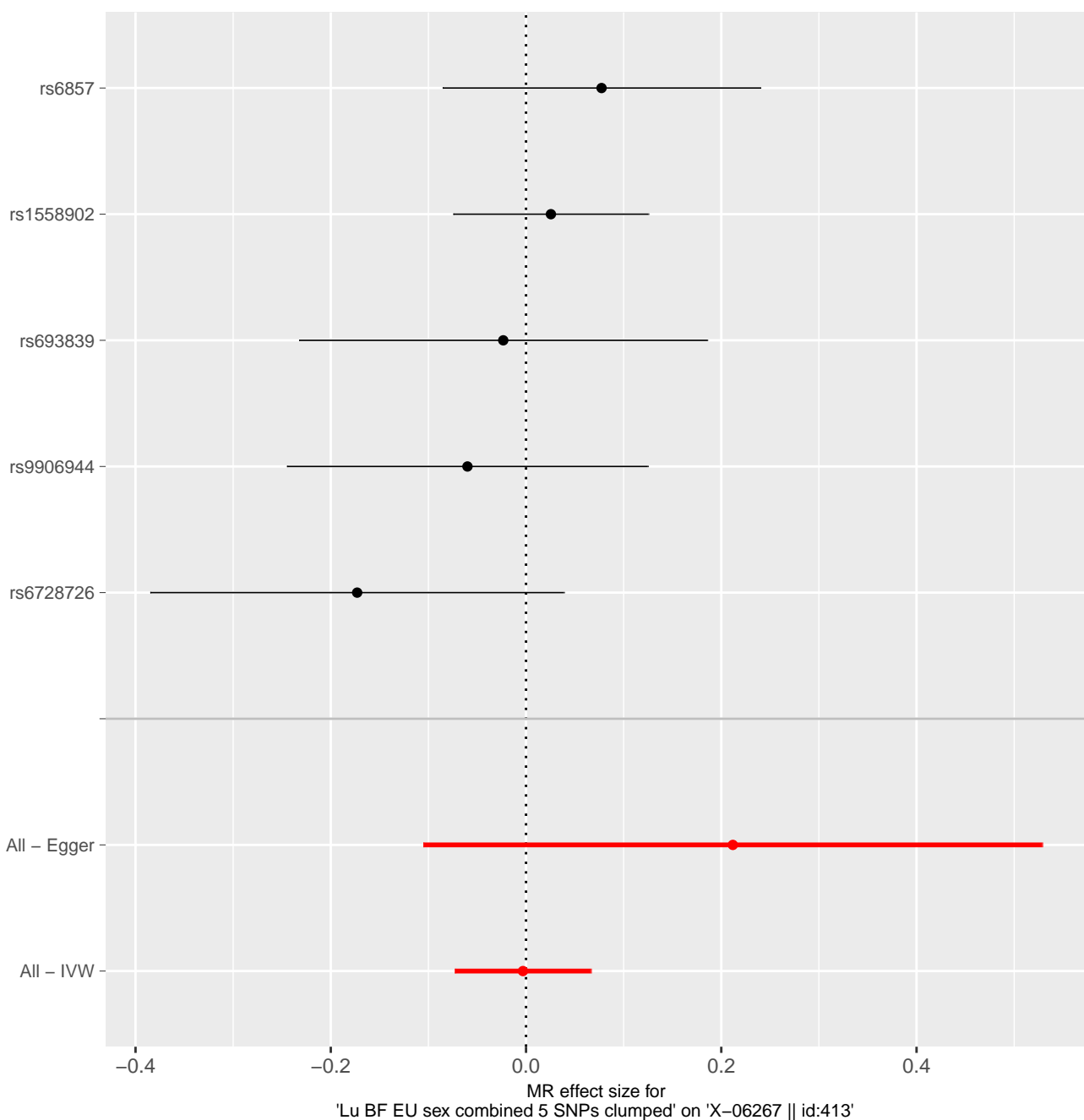












rs9906944

rs6857

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rs1558902

rs6728726

All – Egger

All – IVW

-0.3

0.0

0.3

0.6

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'X-06307 || id:414'

rs1558902

rs9906944

rs6857

rs6728726

rs693839

All – Egger

All – IVW

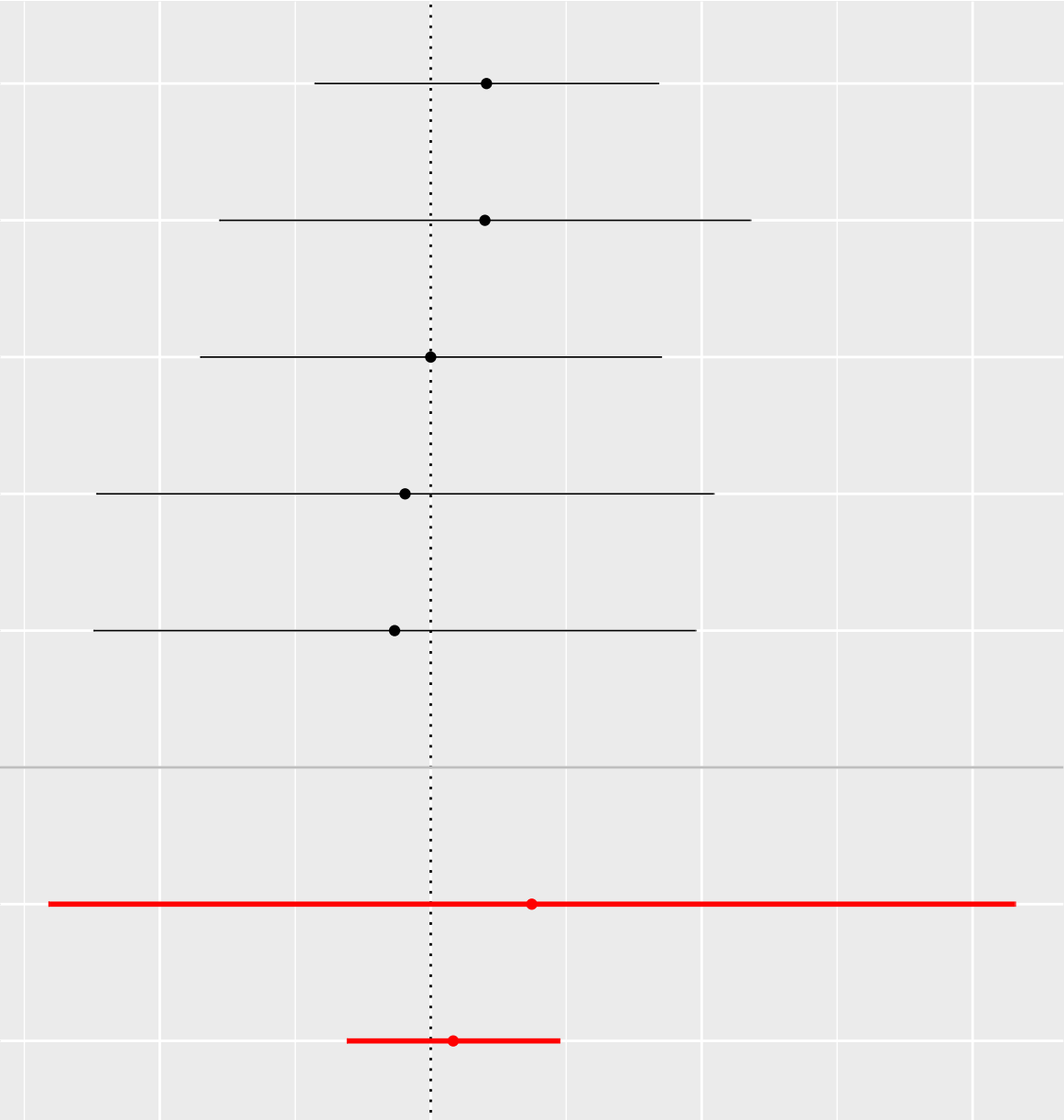
-0.2

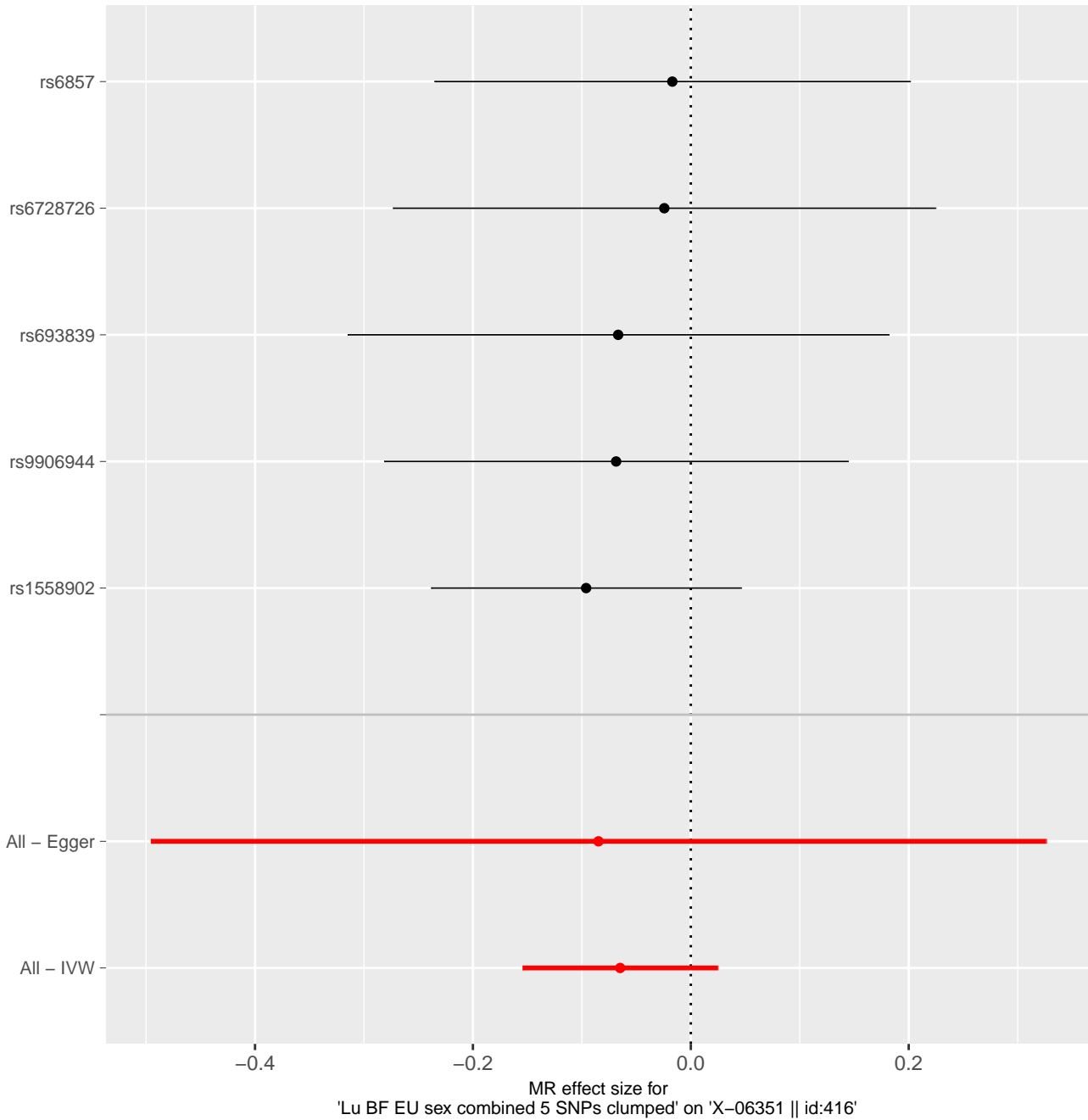
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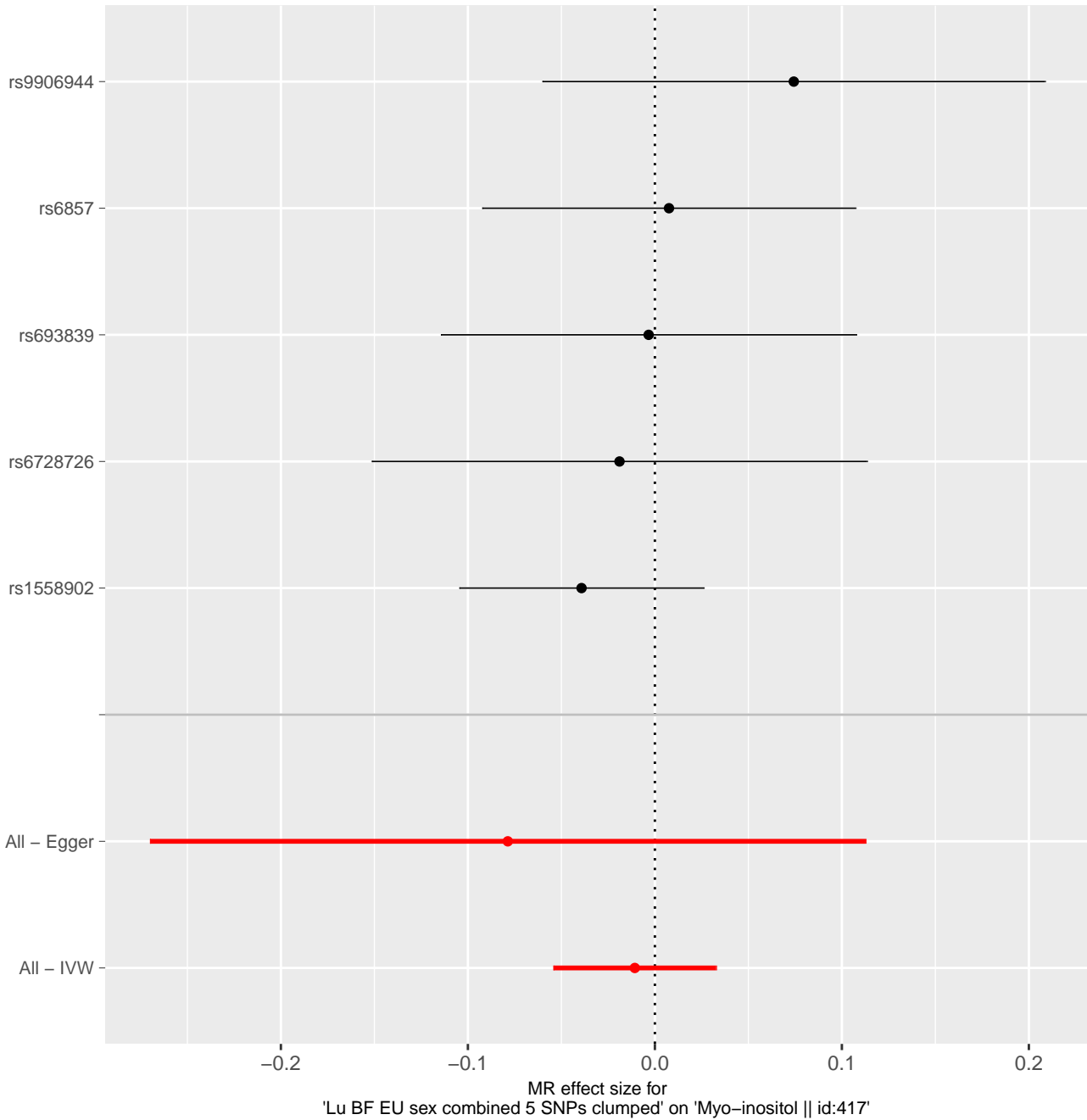
0.2

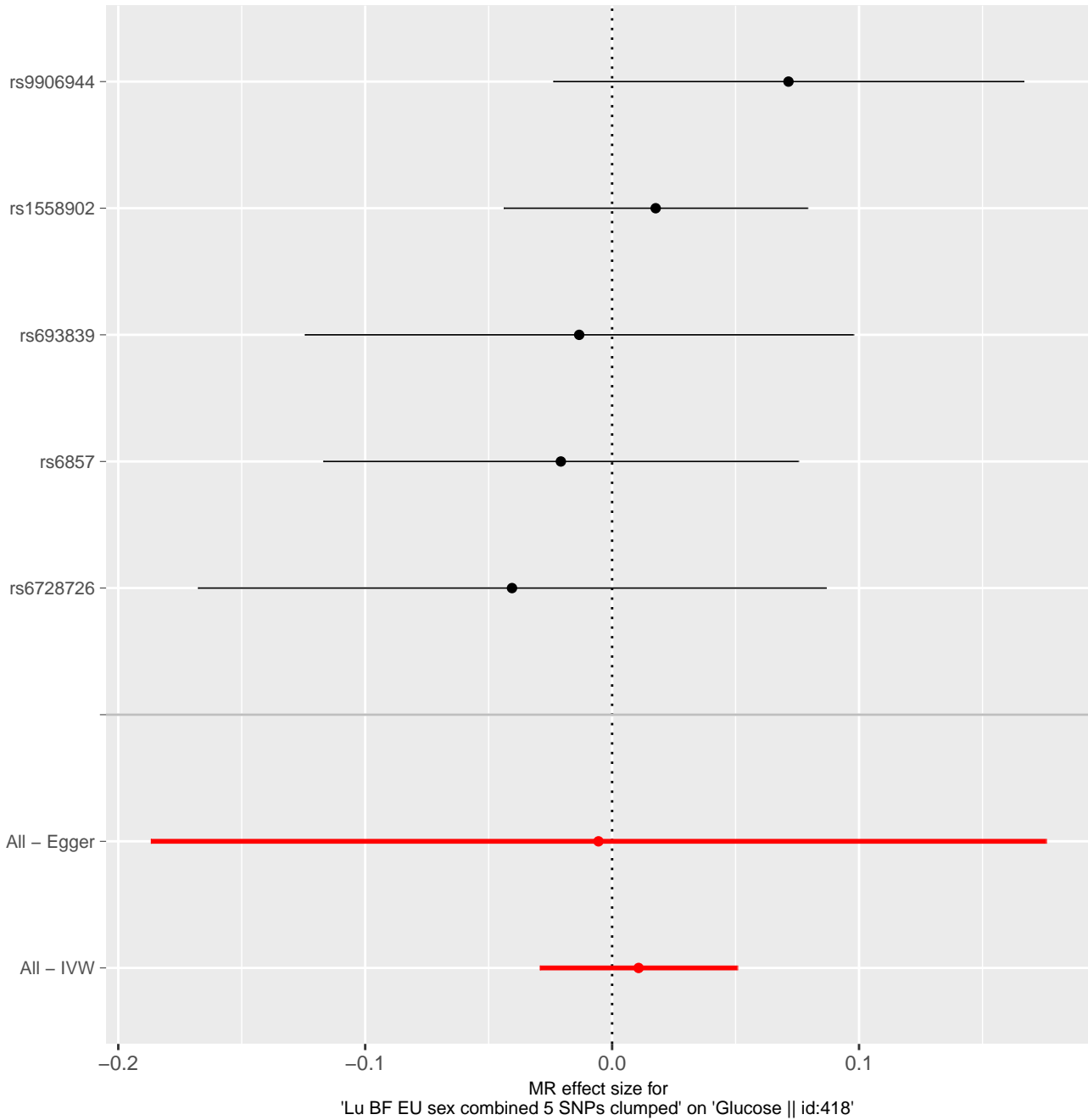
0.4

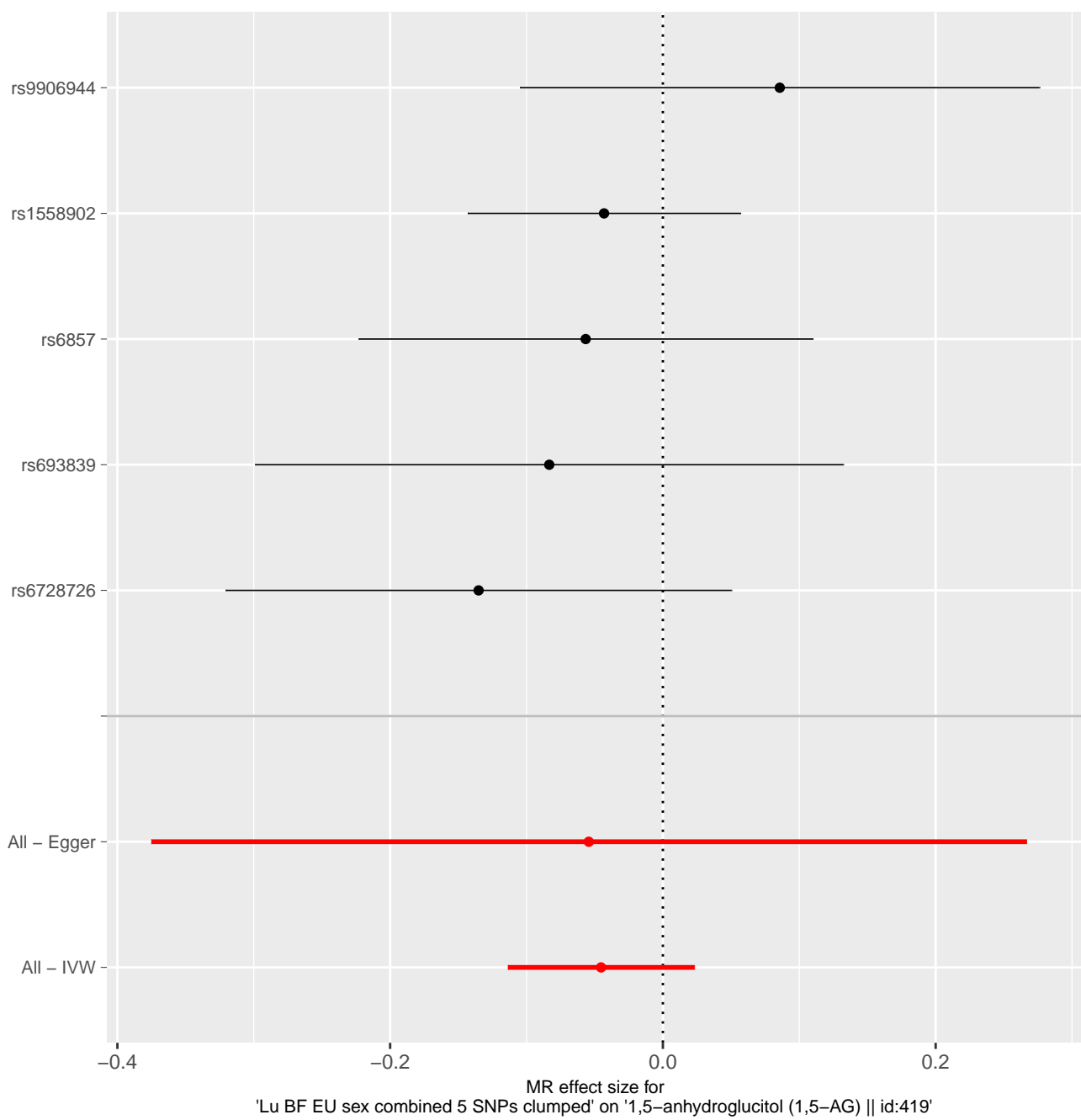
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-06350 || id:415'

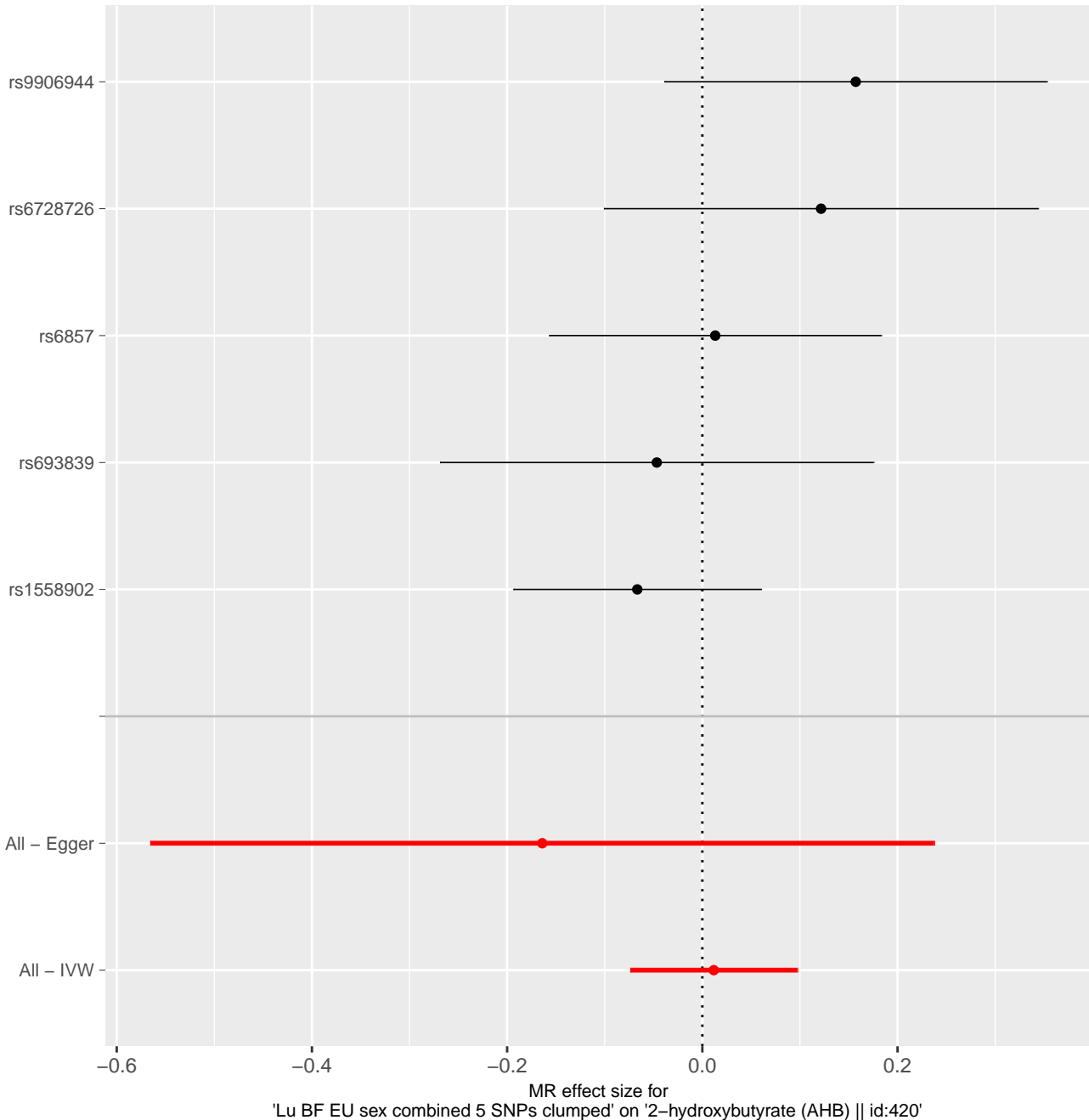












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rs6728726

All – Egger

All – IVW

-0.2

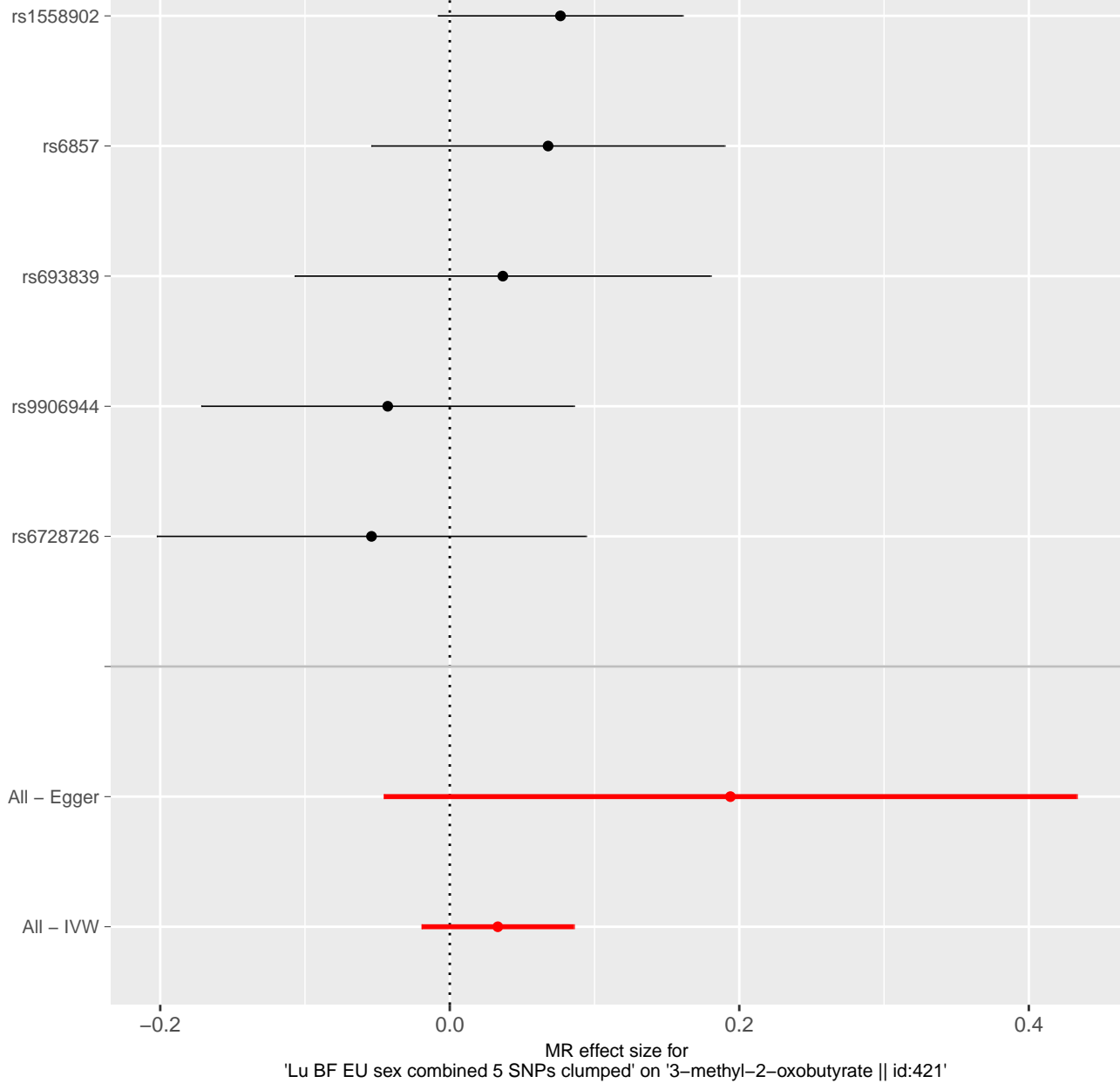
0.0

0.2

0.4

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on '3-methyl-2-oxobutyrate || id:421'



rs6857

rs1558902

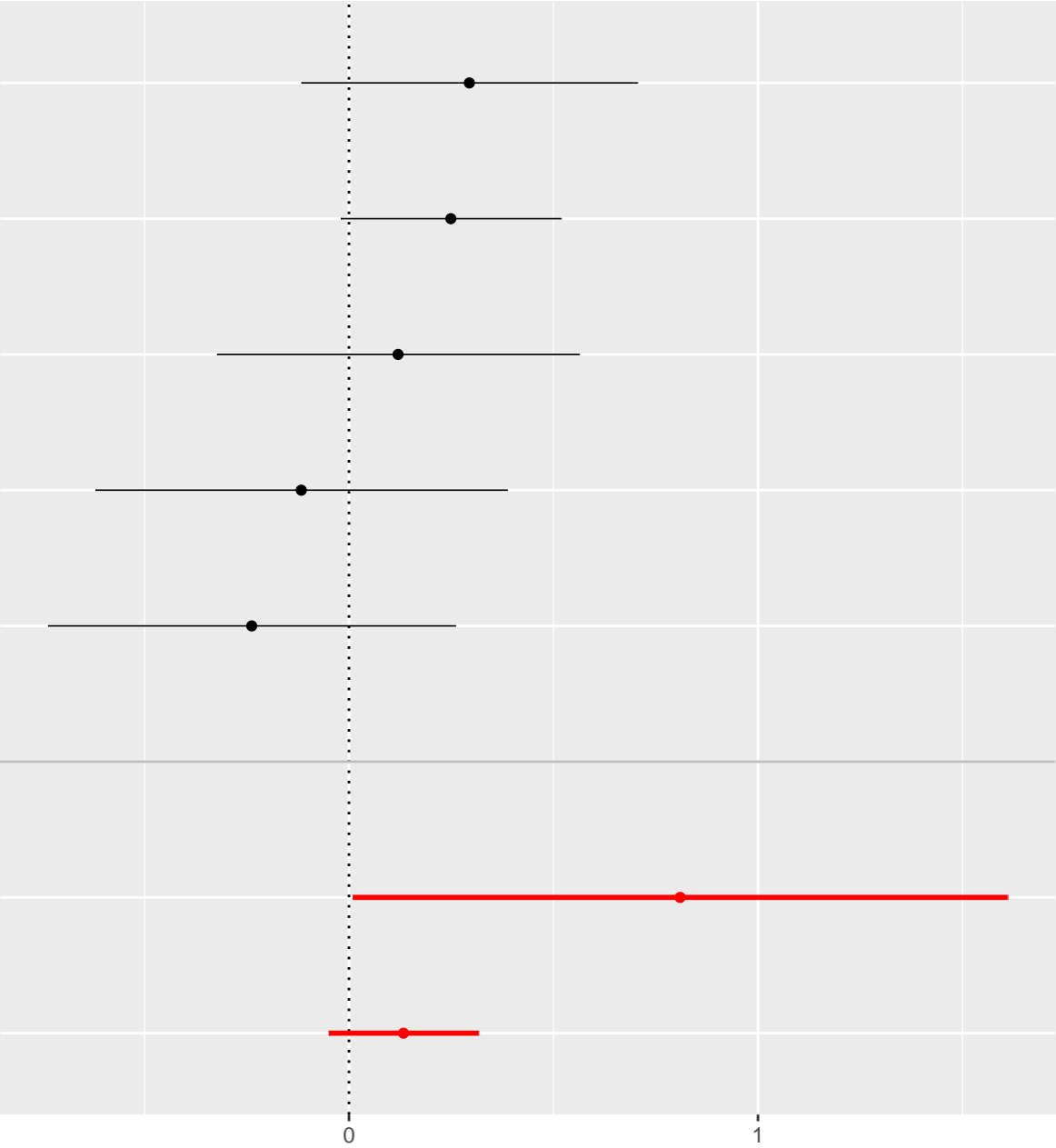
rs9906944

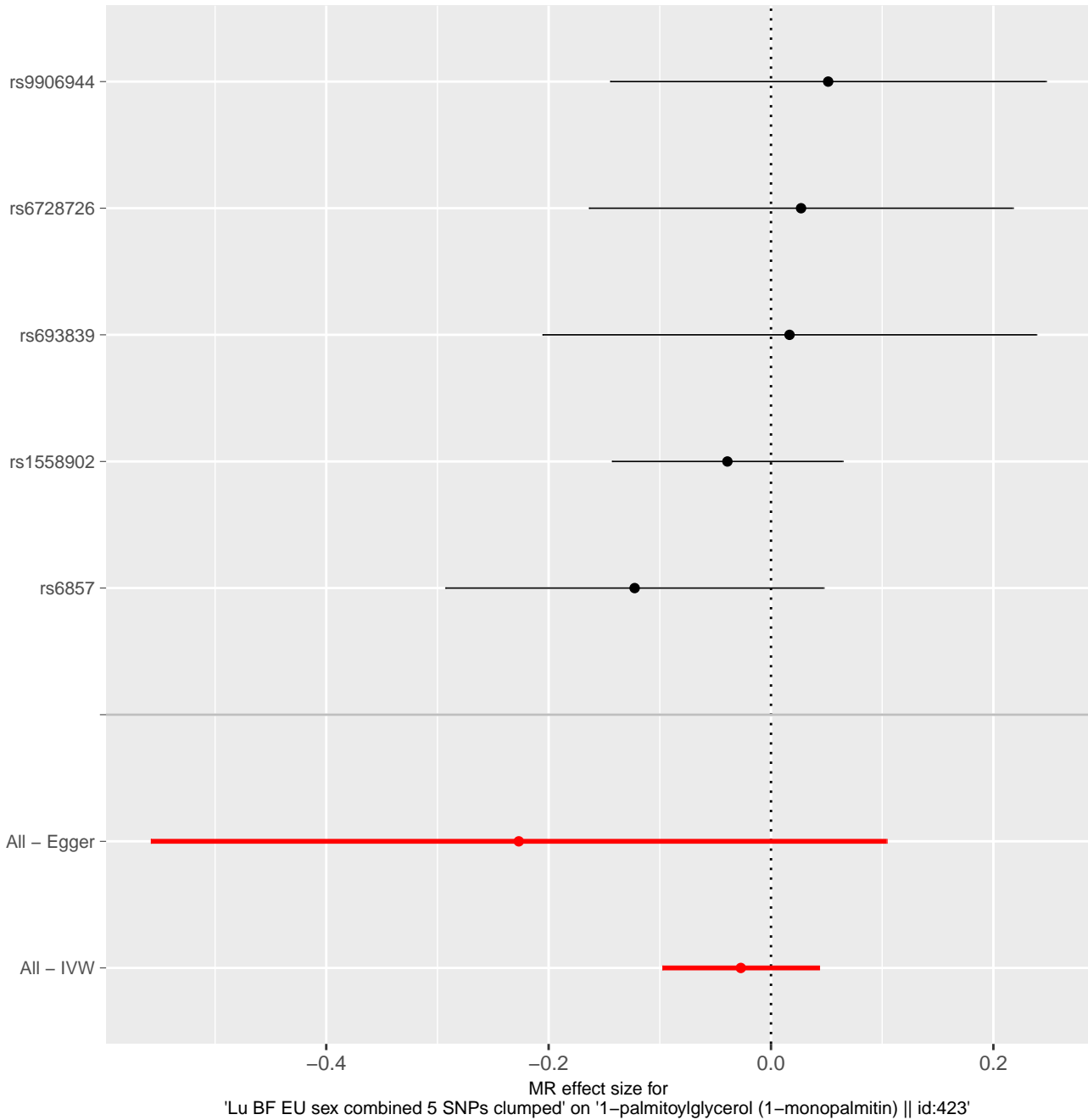
rs693839

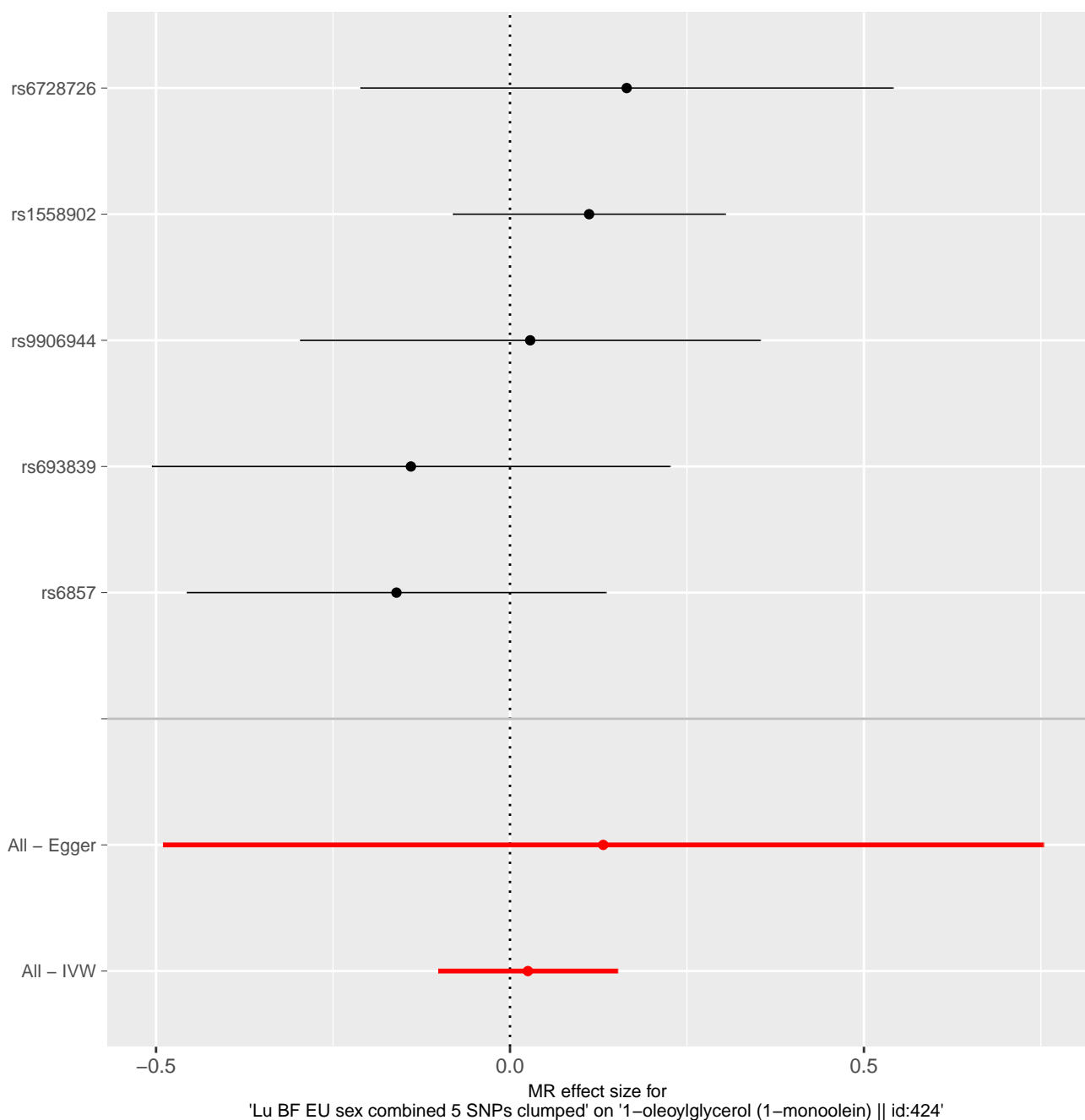
rs6728726

All – Egger

All – IVW







rs6728726

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rs9906944

All – Egger

All – IVW

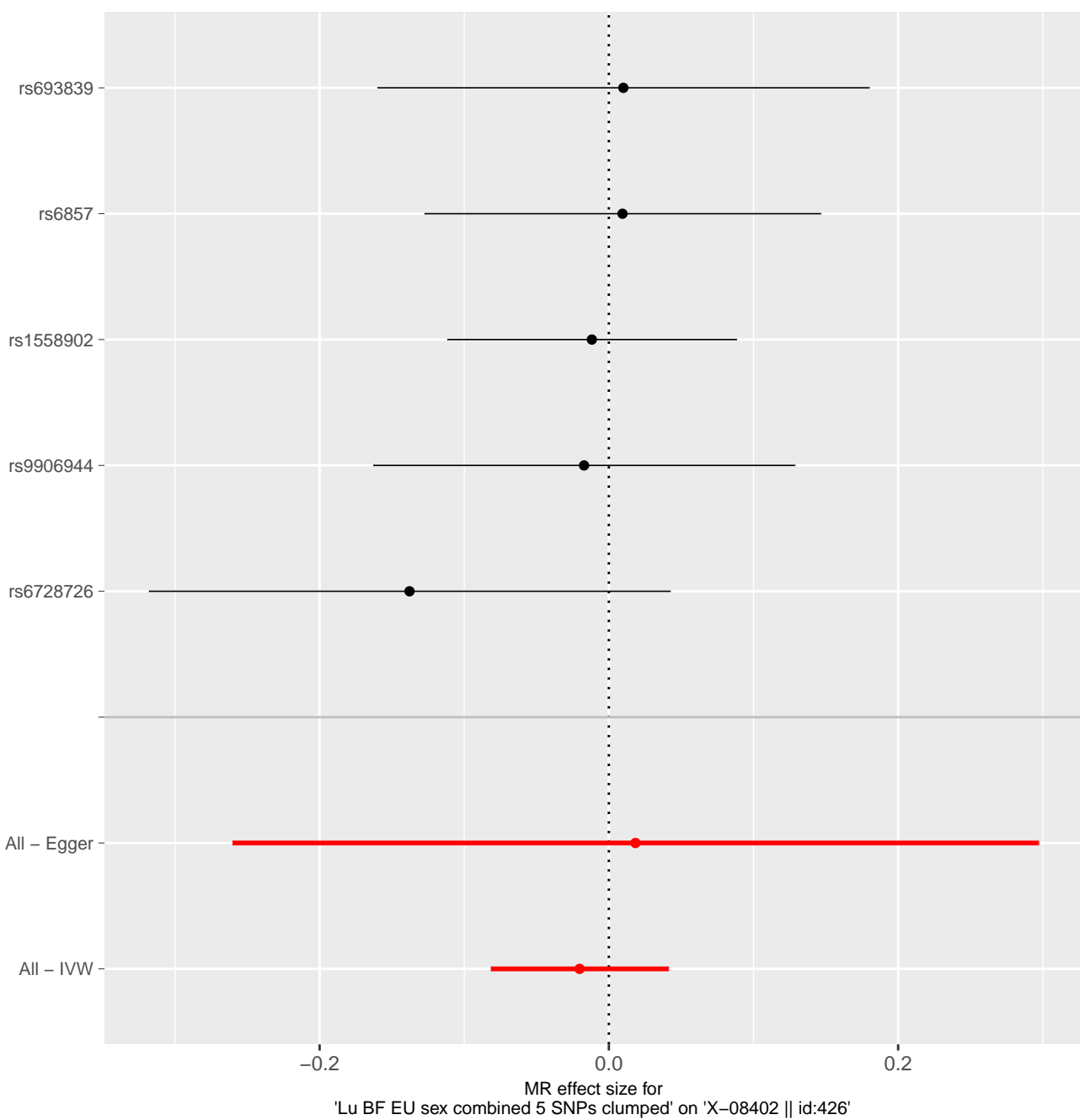
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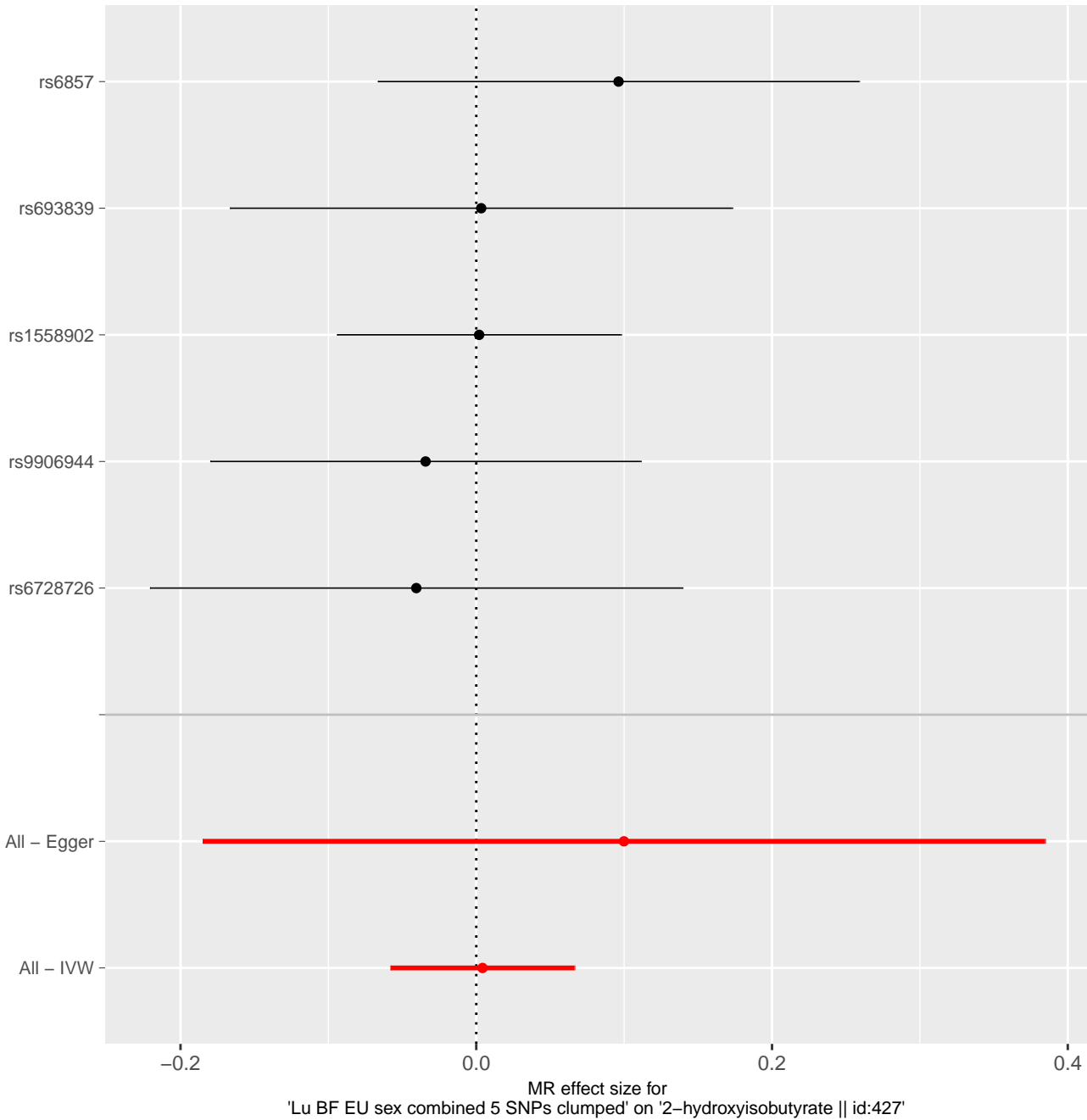
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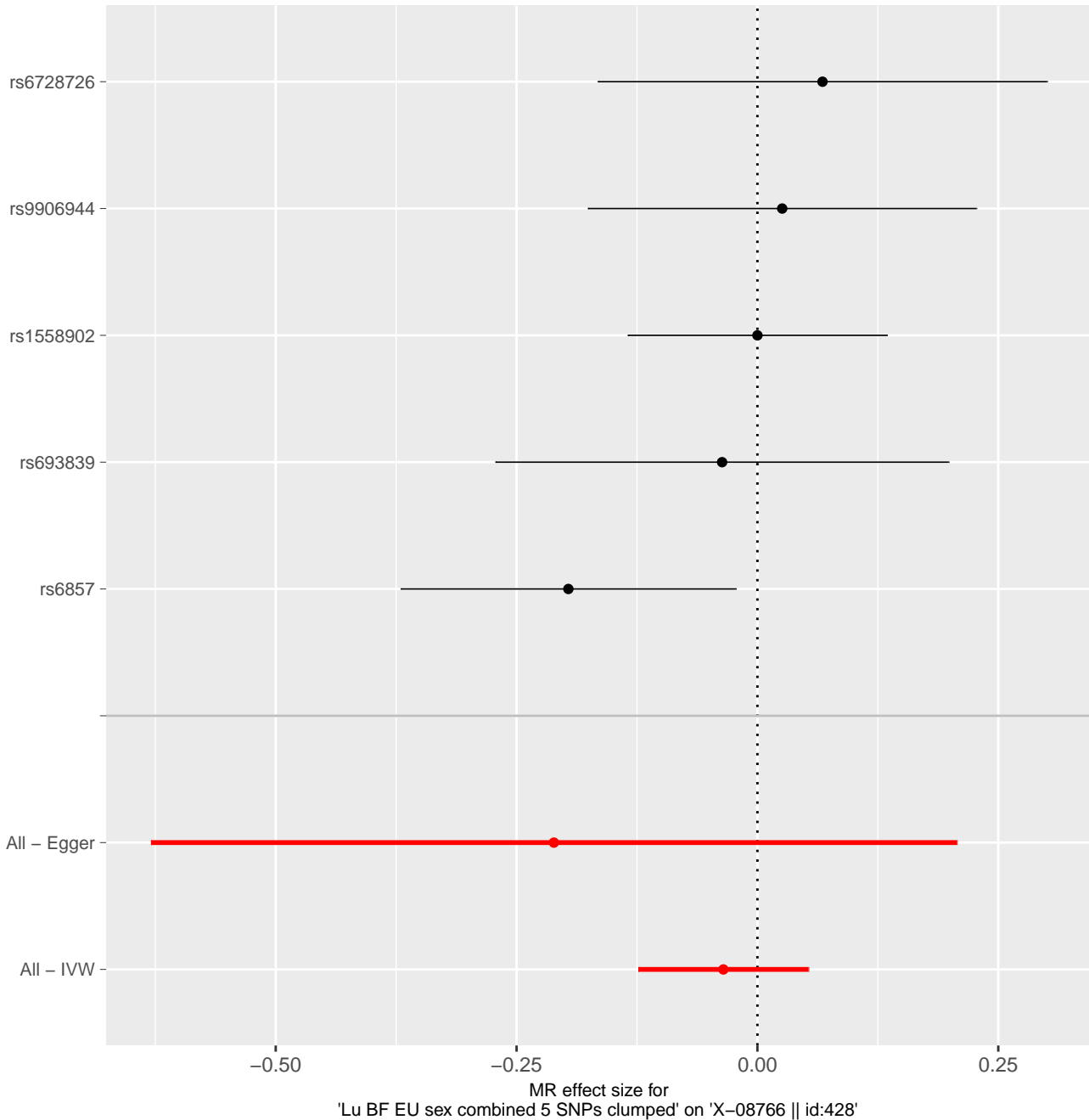
0.2

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on '1–stearoylglycerol (1–monostearin) || id:425'







rs1558902

rs6857

rs693839

rs9906944

rs6728726

All – Egger

All – IVW

-0.2

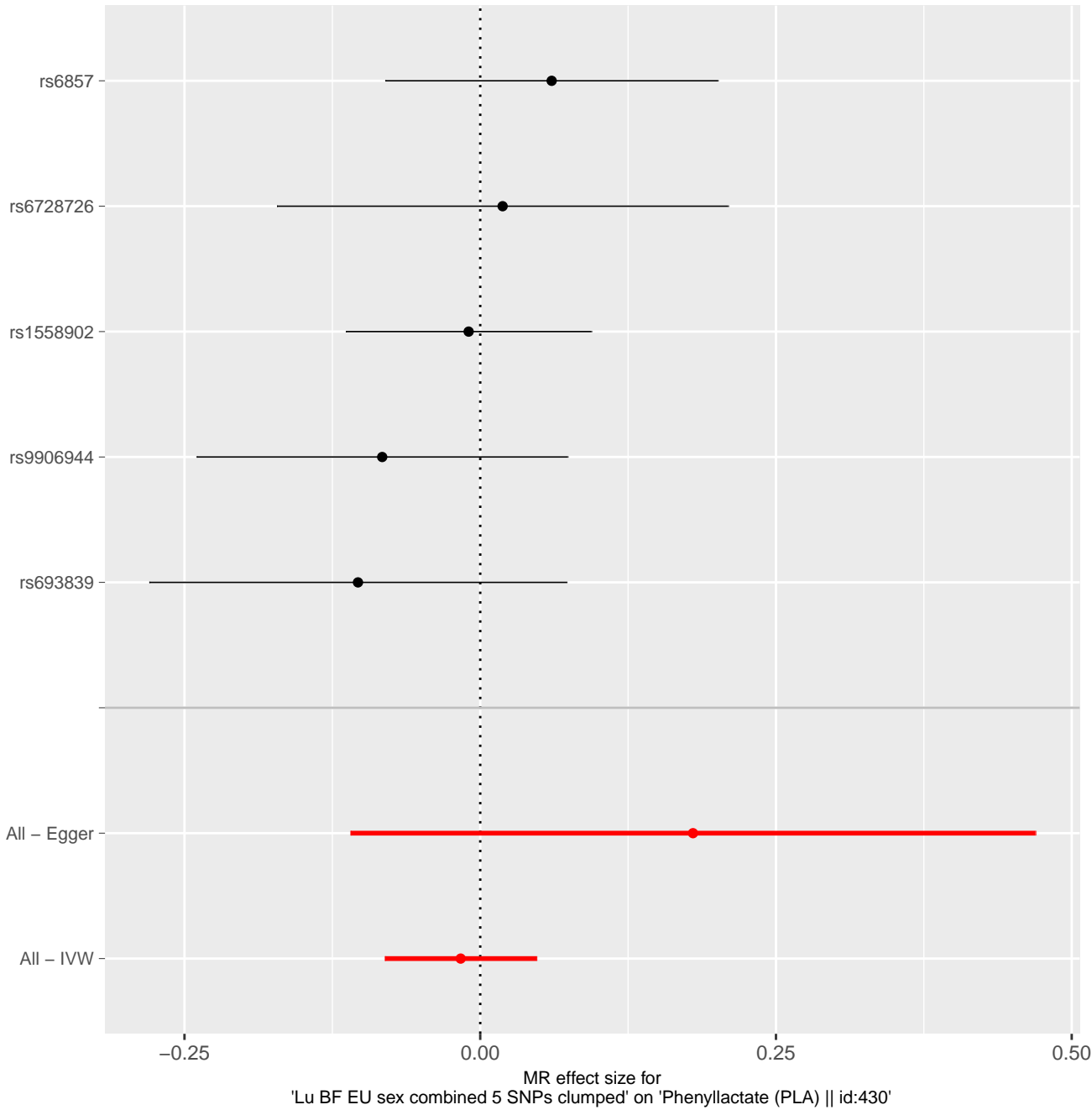
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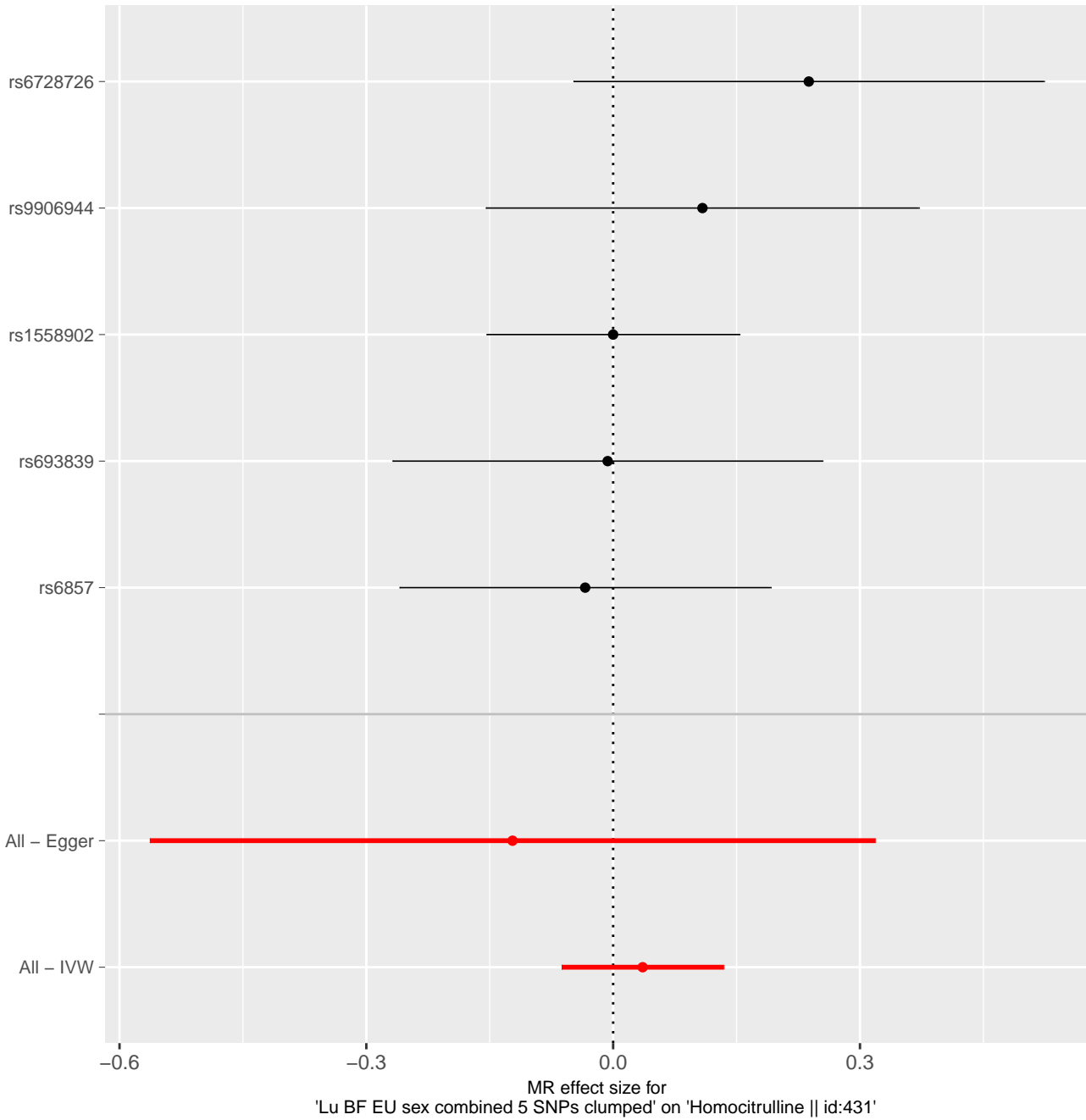
0.2

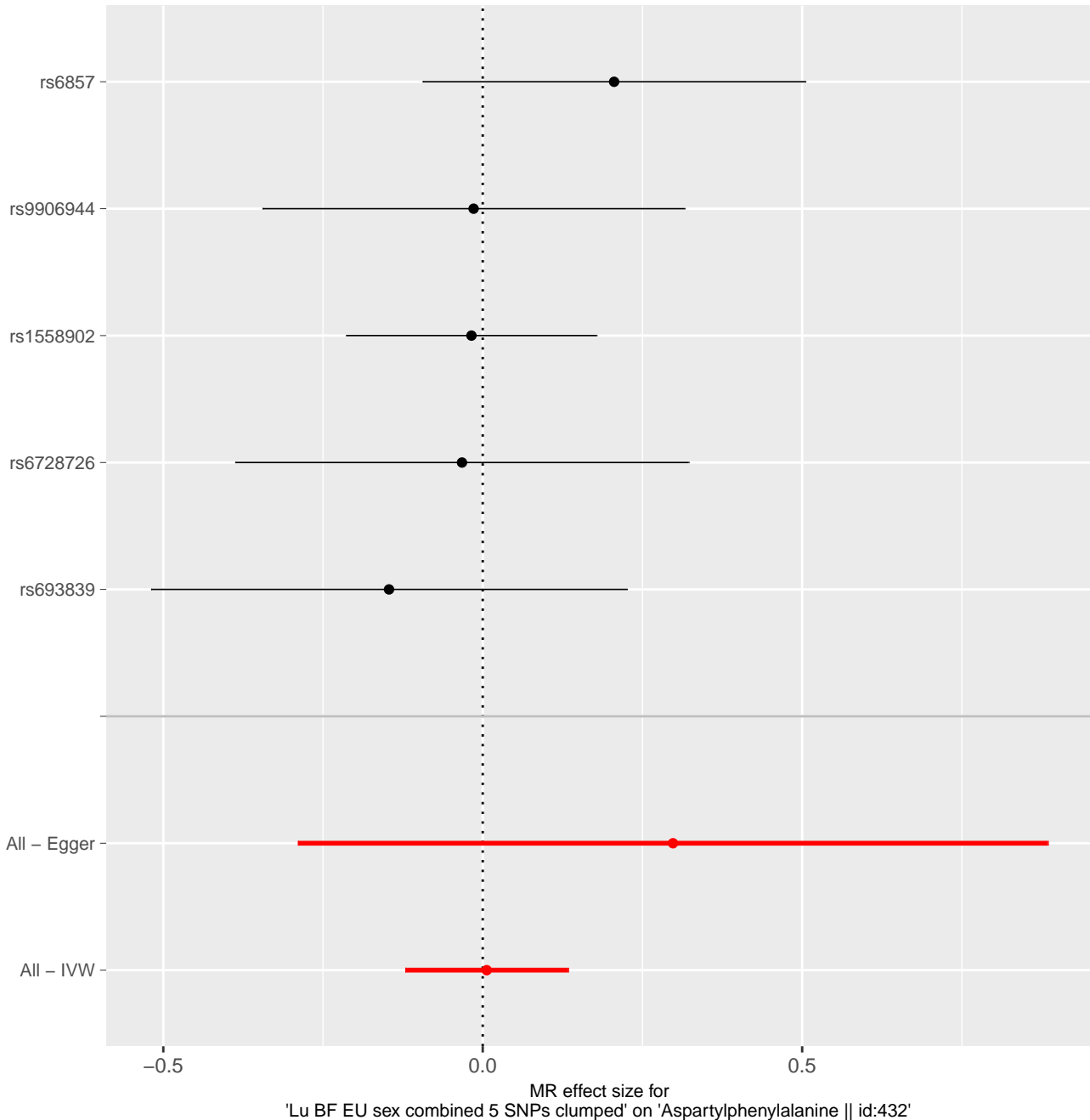
0.4

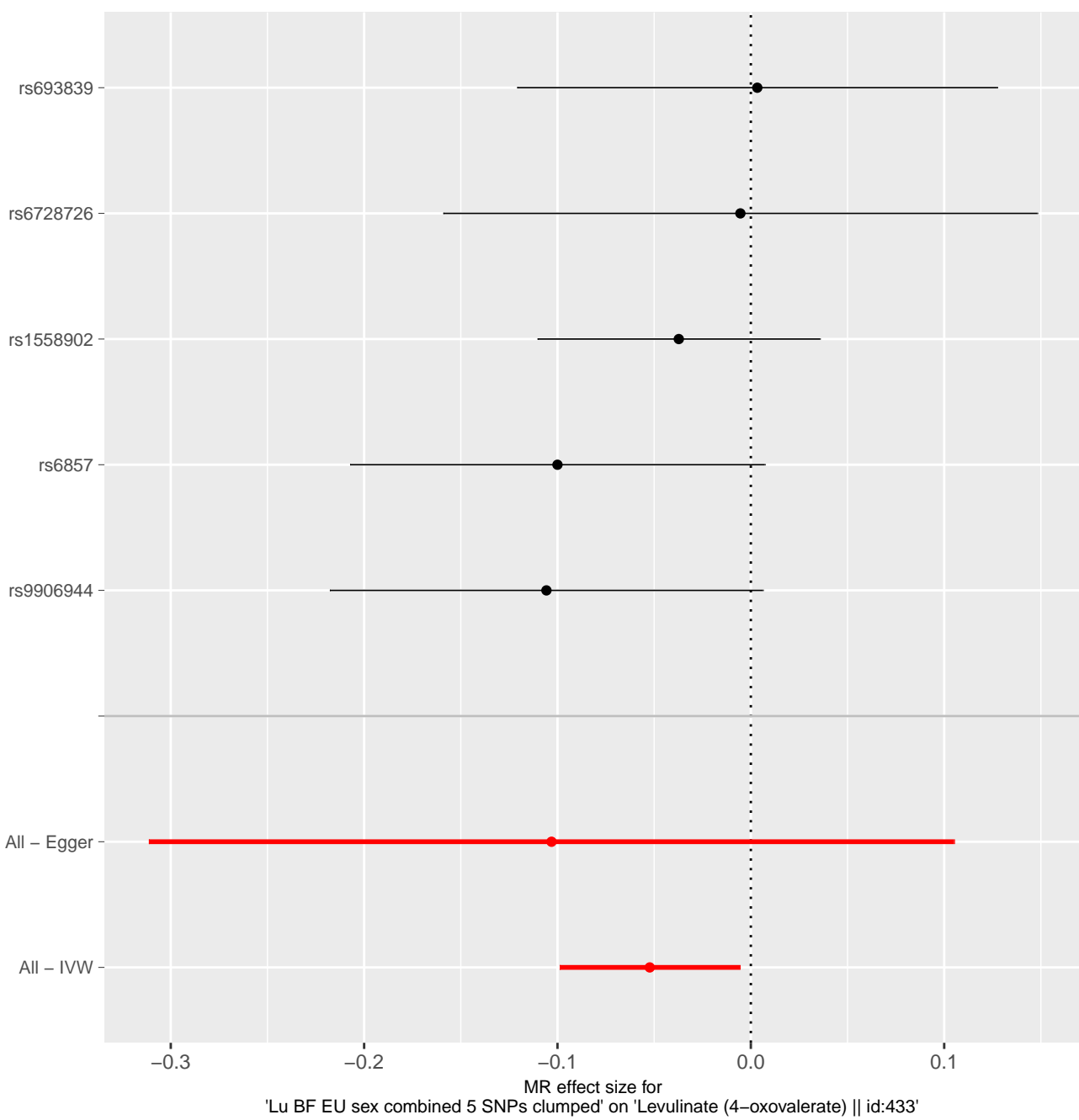
MR effect size for

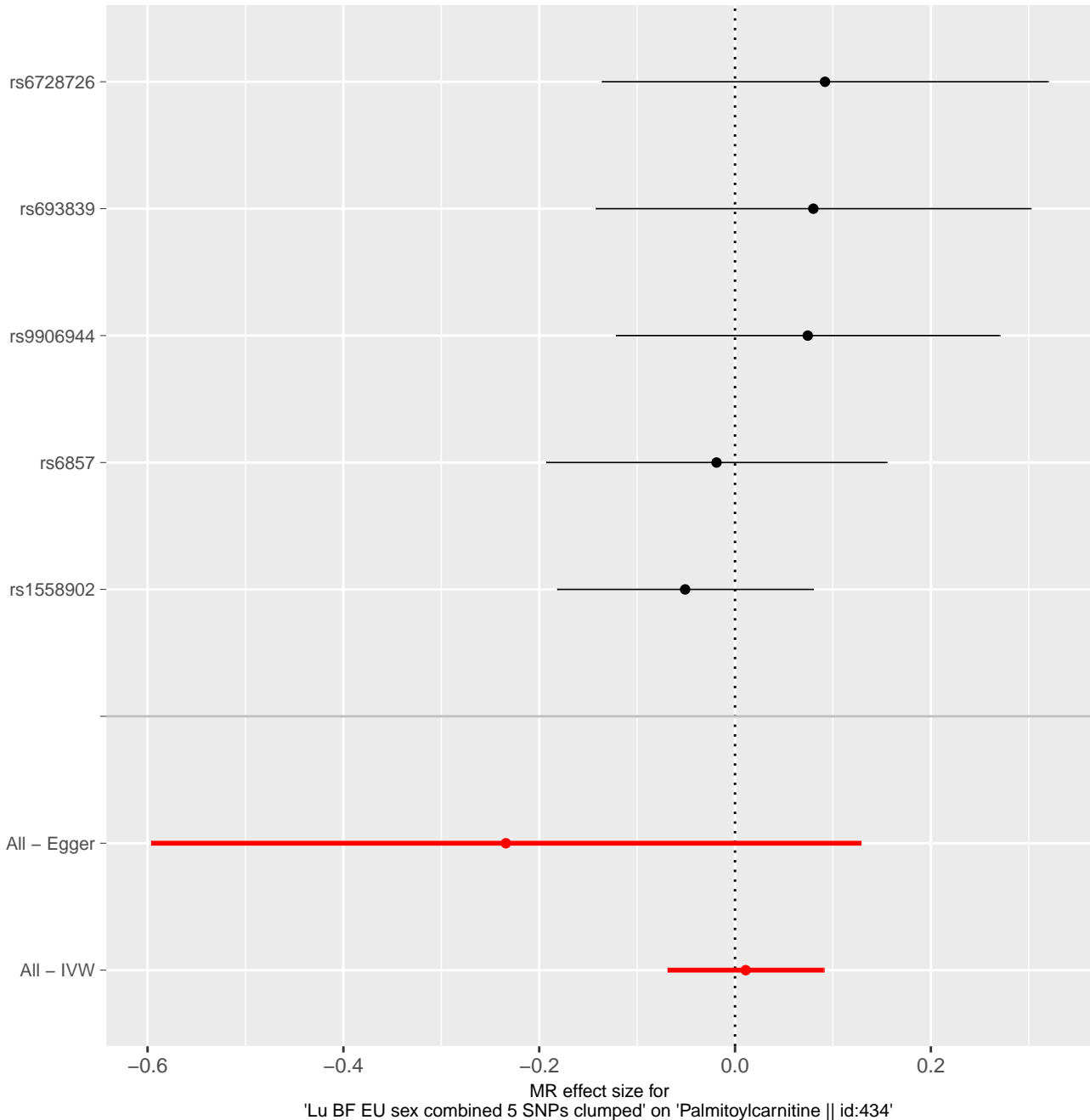
'Lu BF EU sex combined 5 SNPs clumped' on '4-methyl-2-oxopentanoate || id:429'

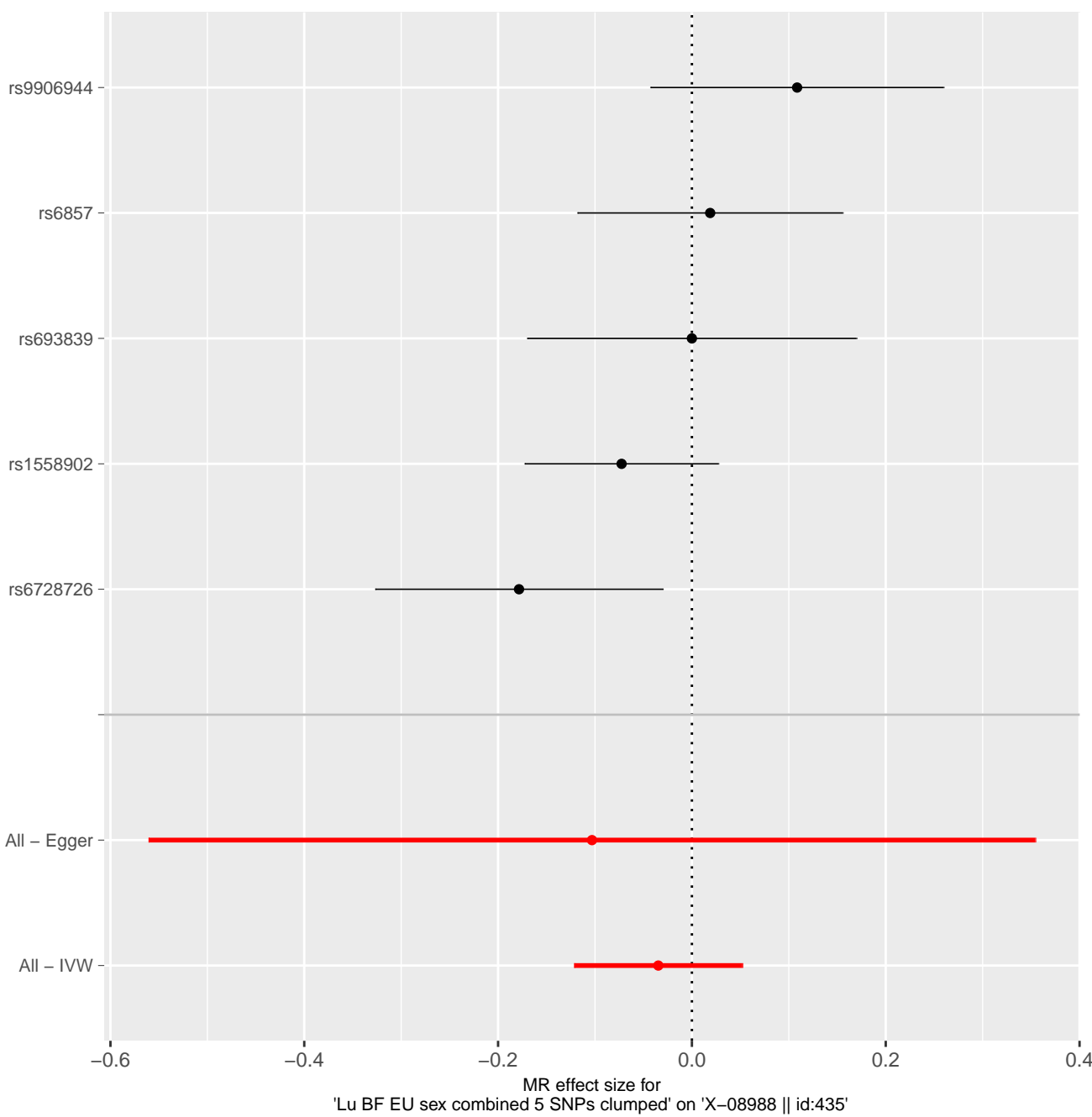


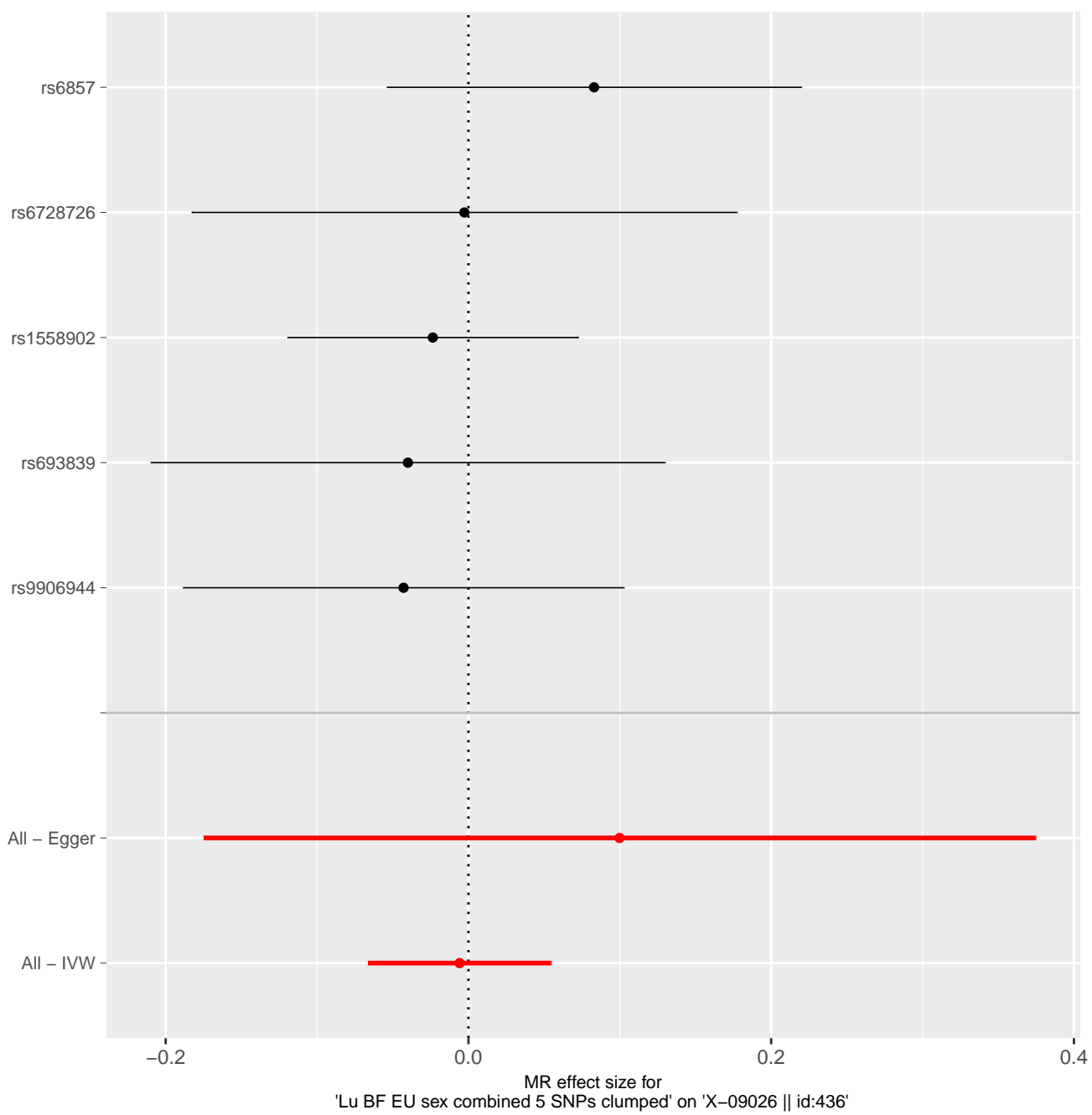


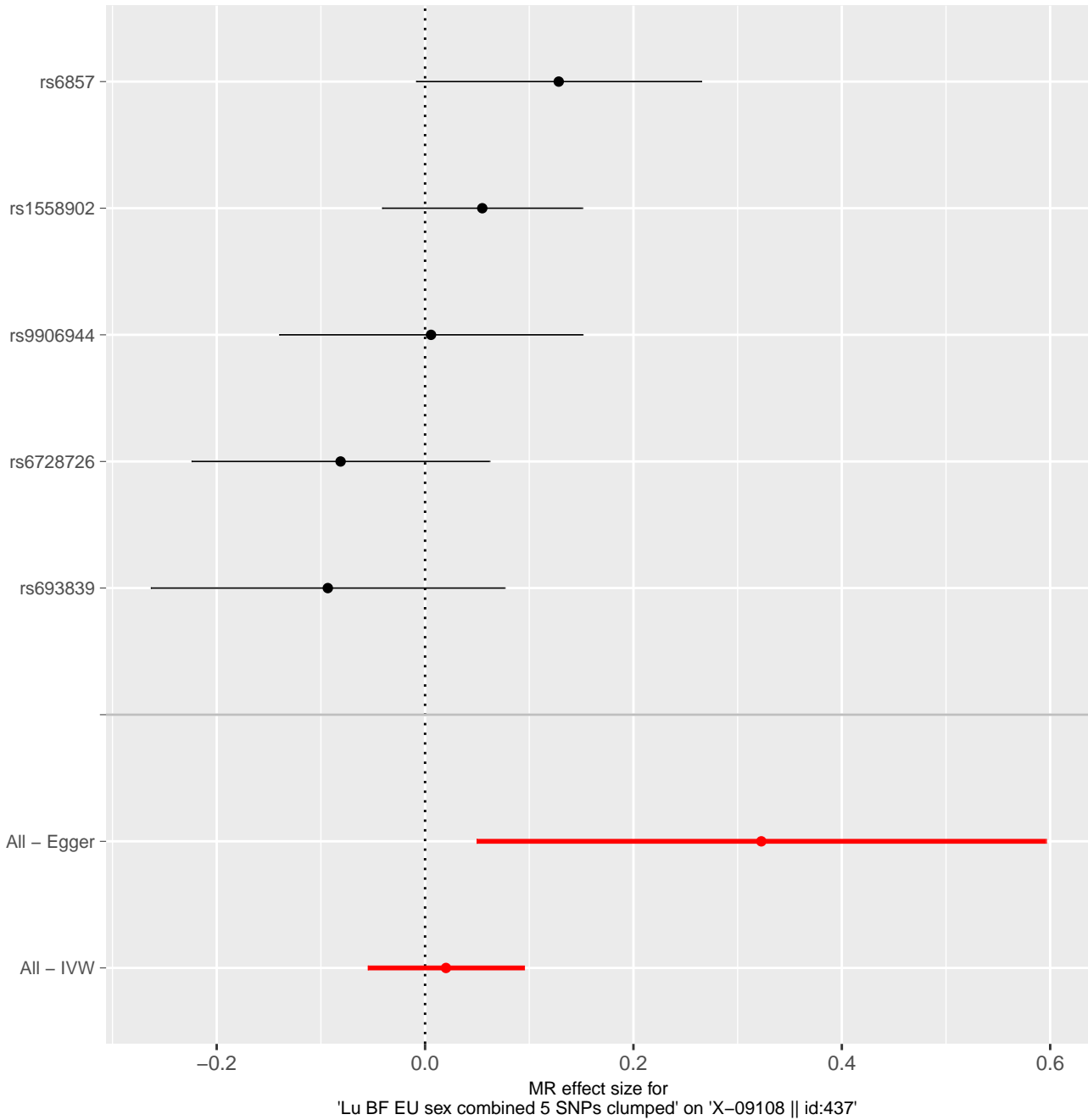












rs6728726

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All – Egger

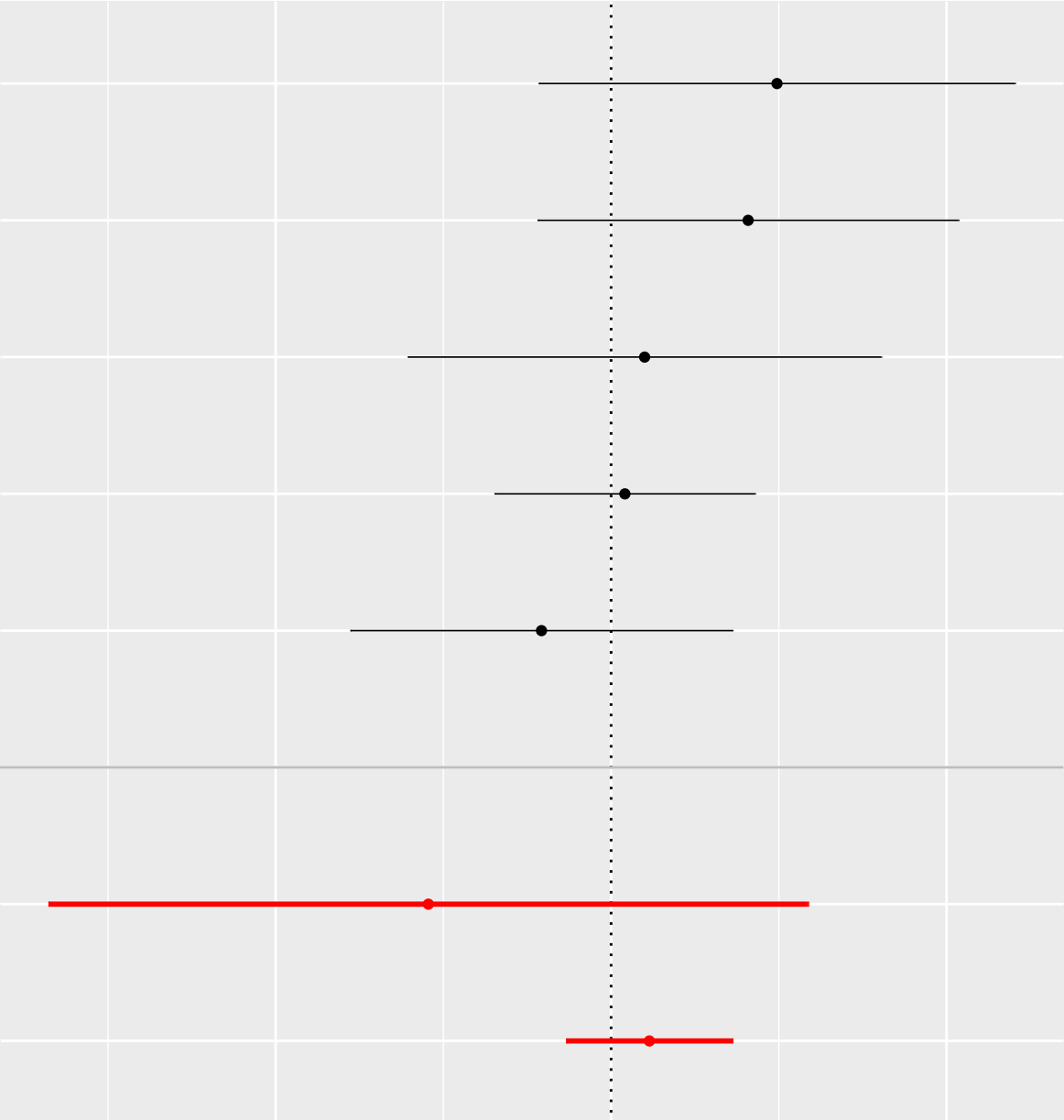
All – IVW

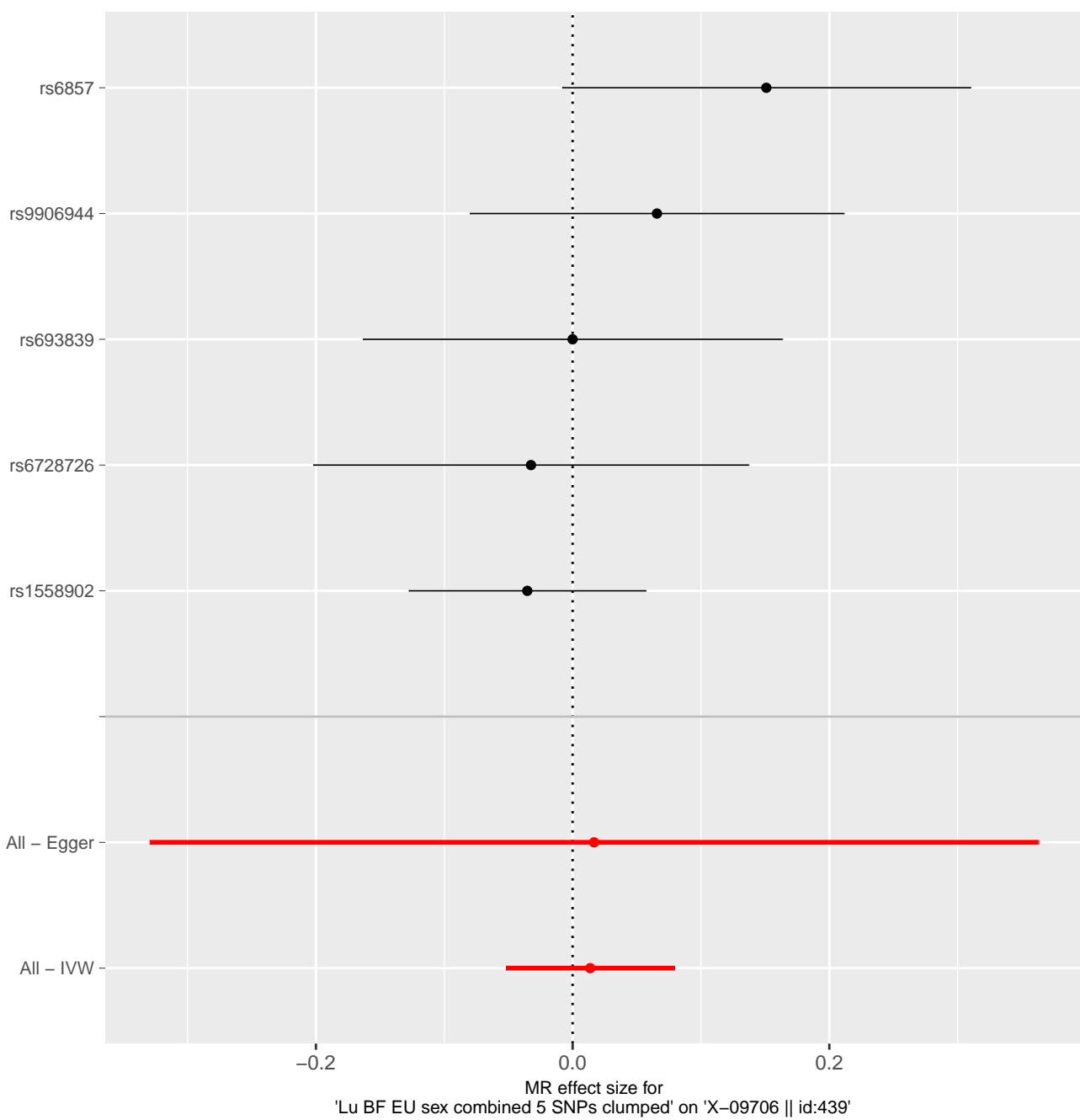
-1

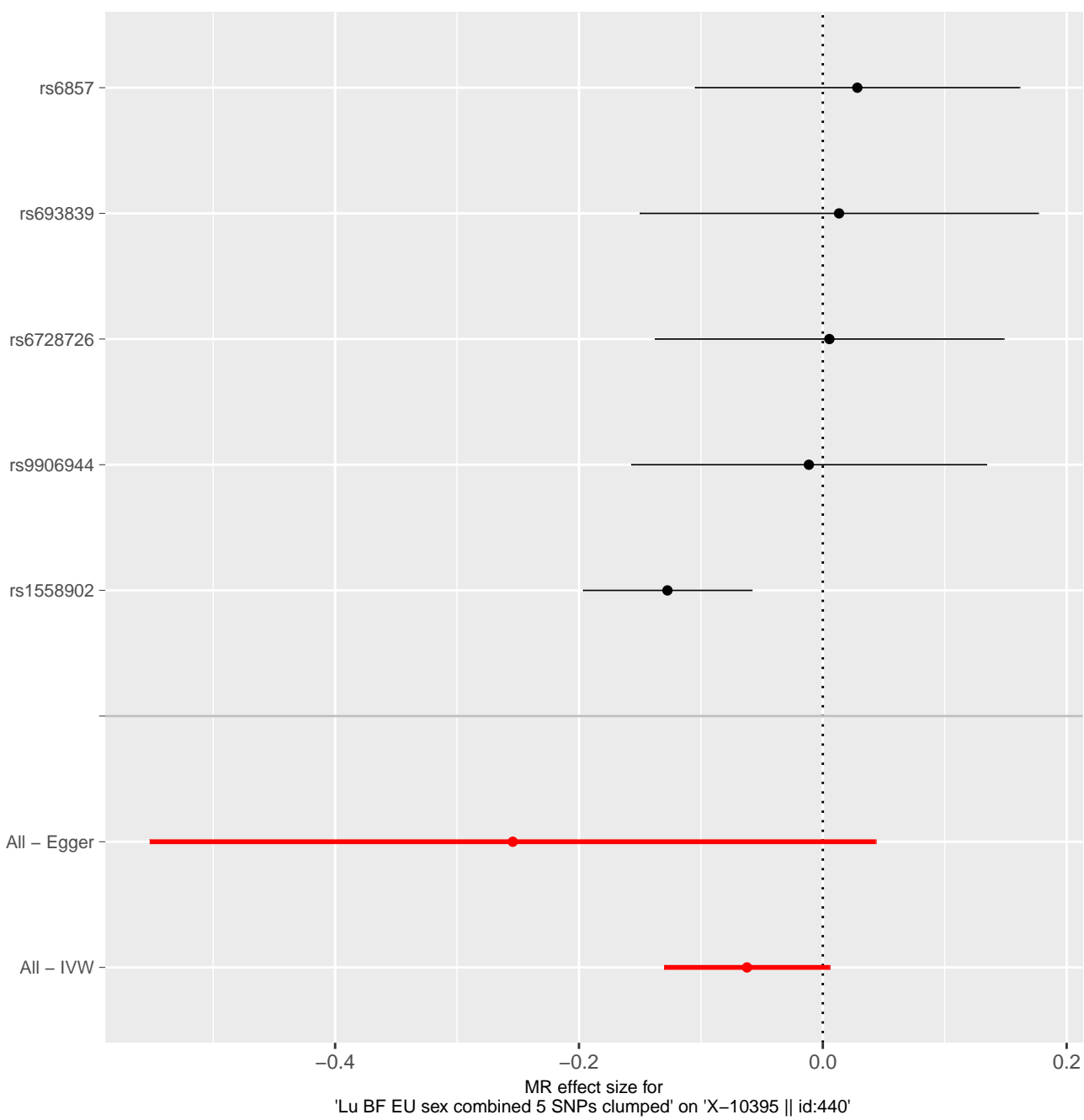
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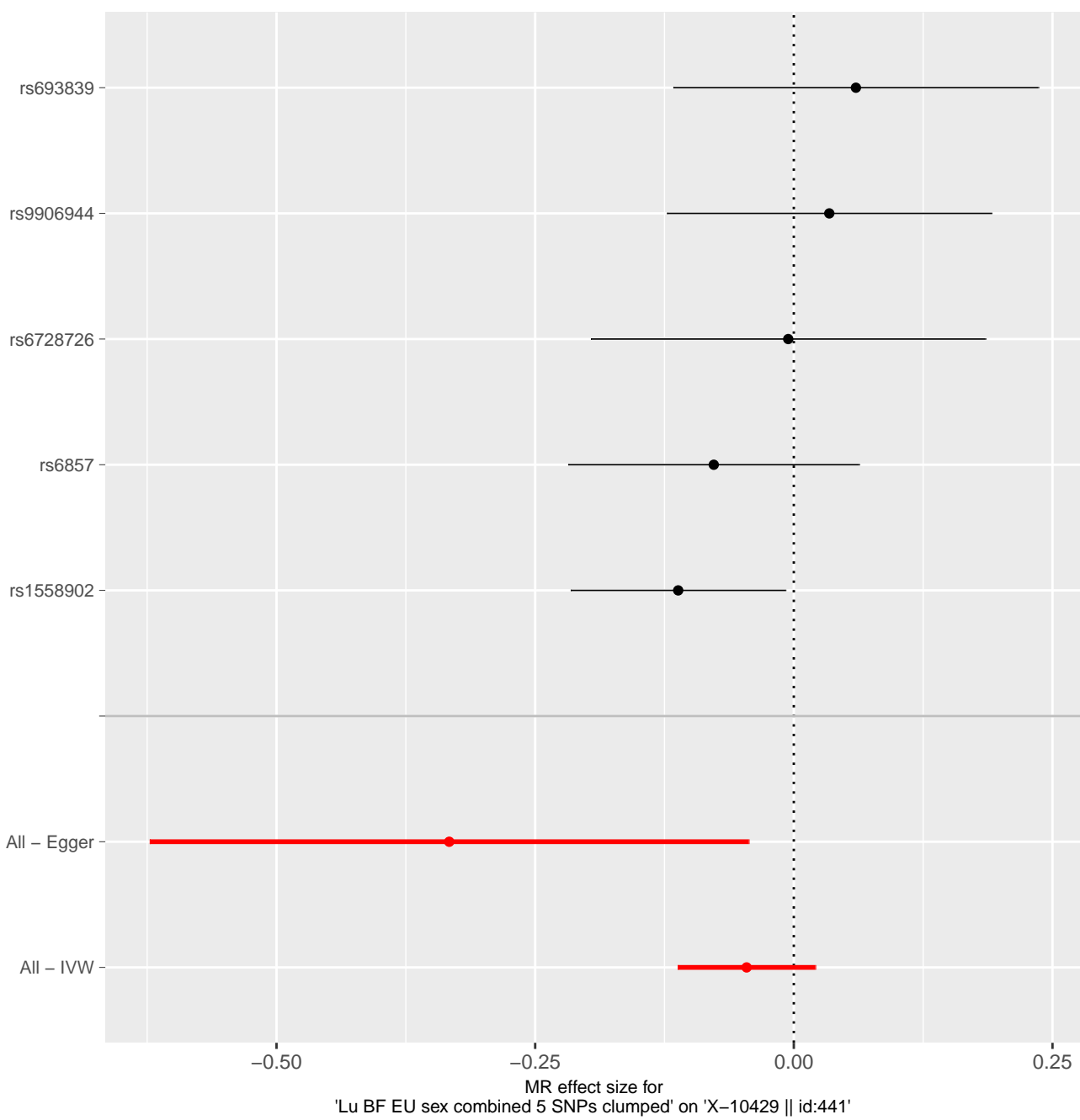
1

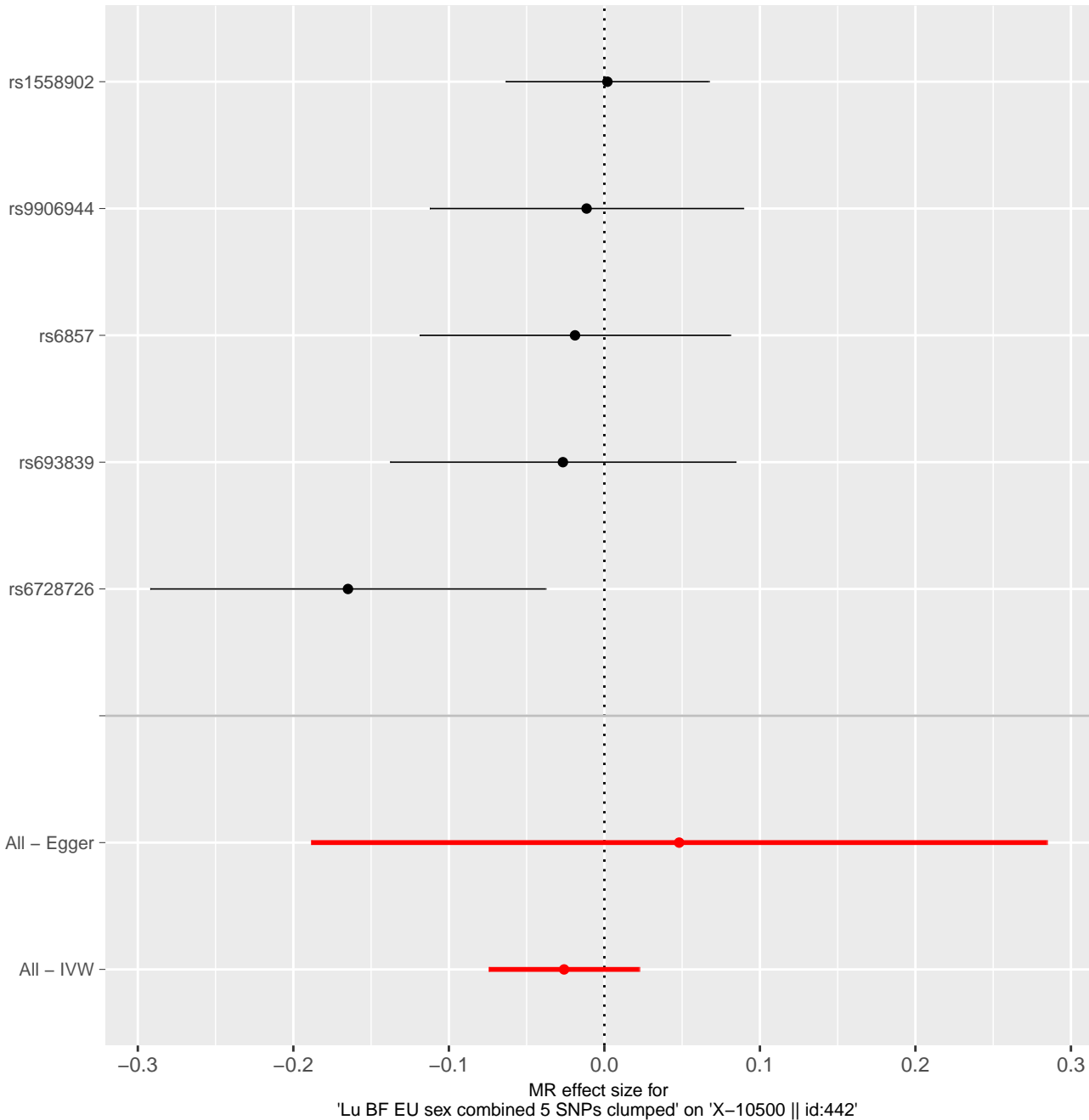
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Cholate || id:438'

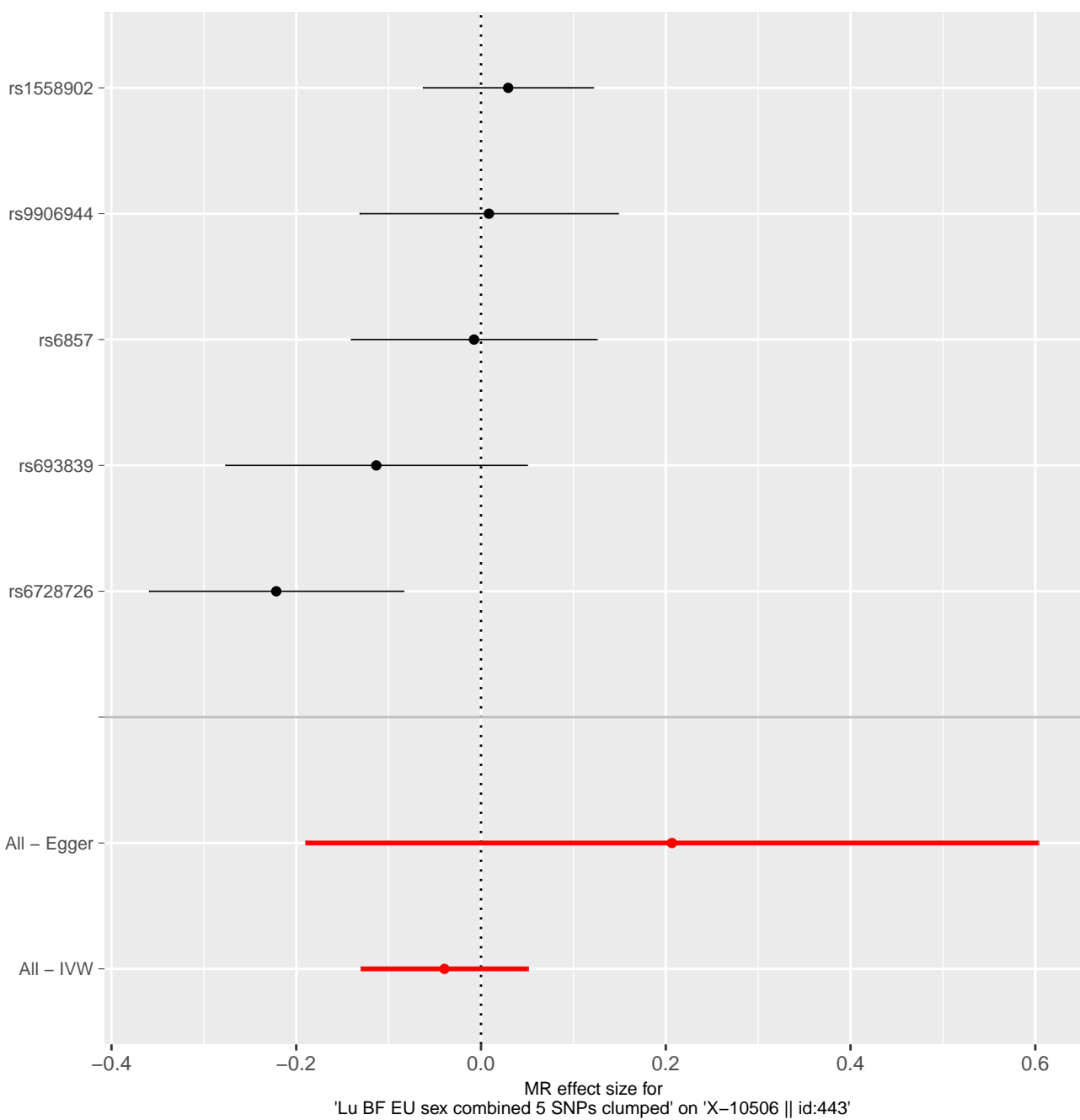












rs9906944

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rs6857

rs6728726

All – Egger

All – IVW

-0.4

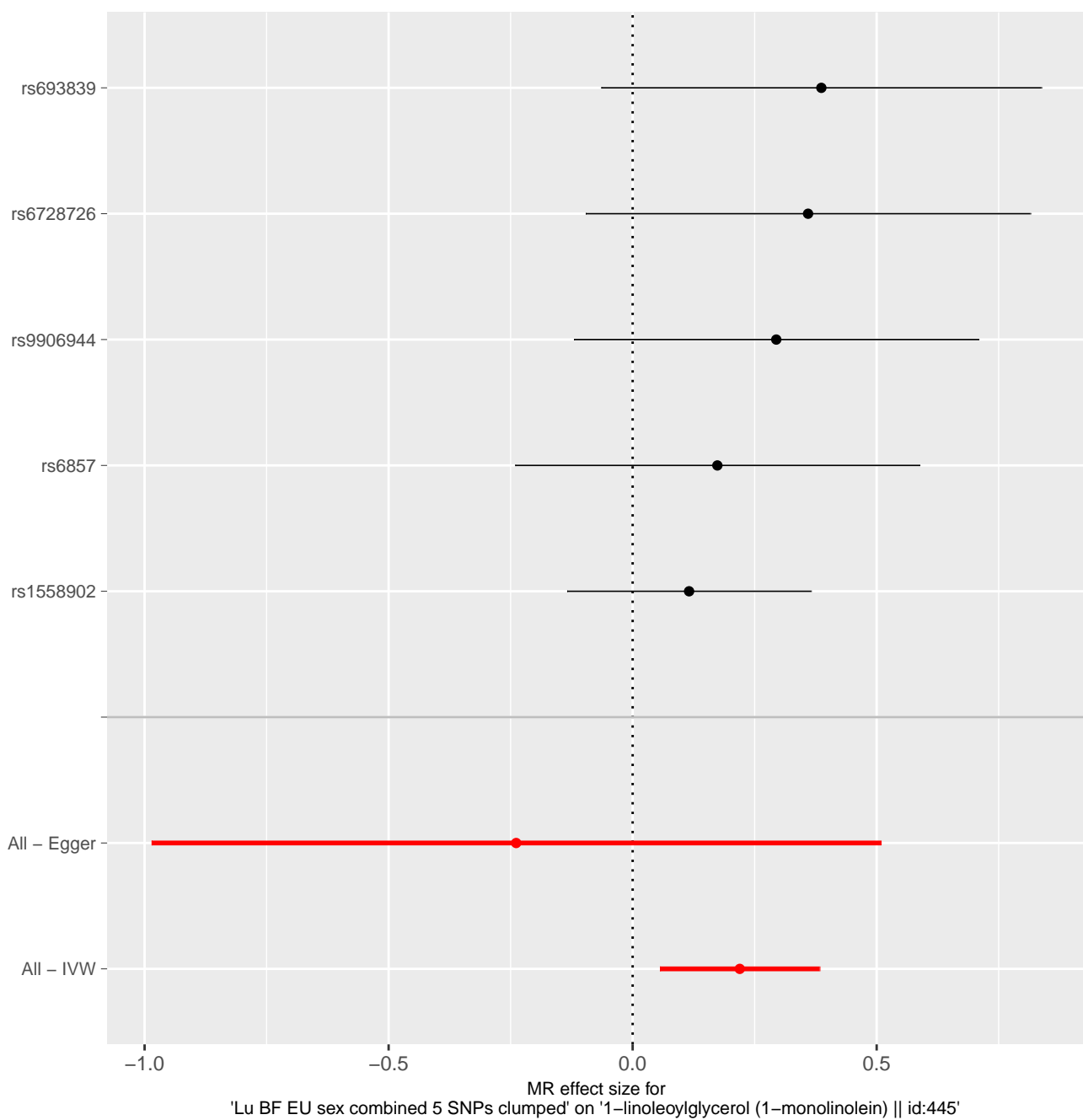
-0.2

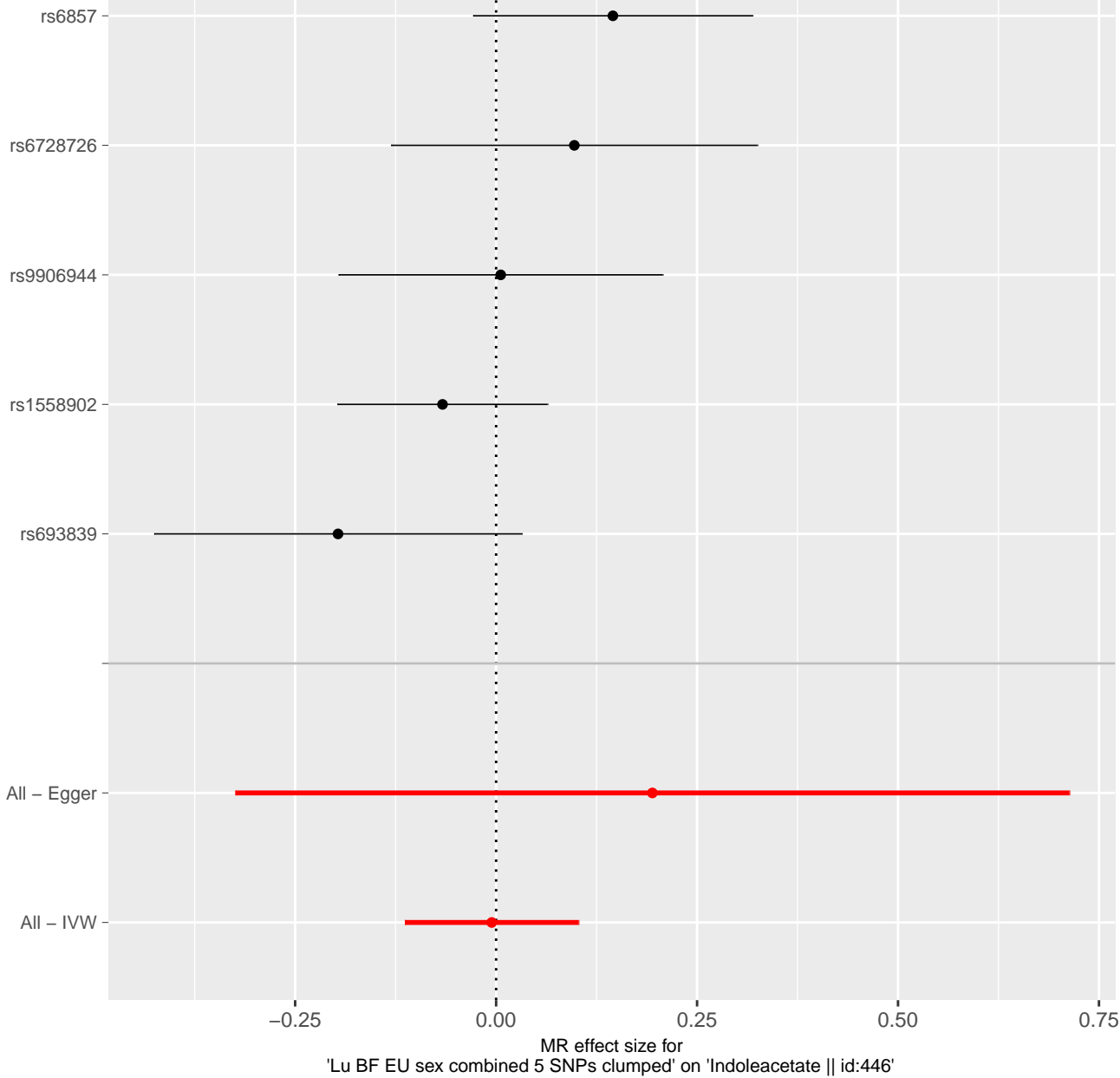
0.0

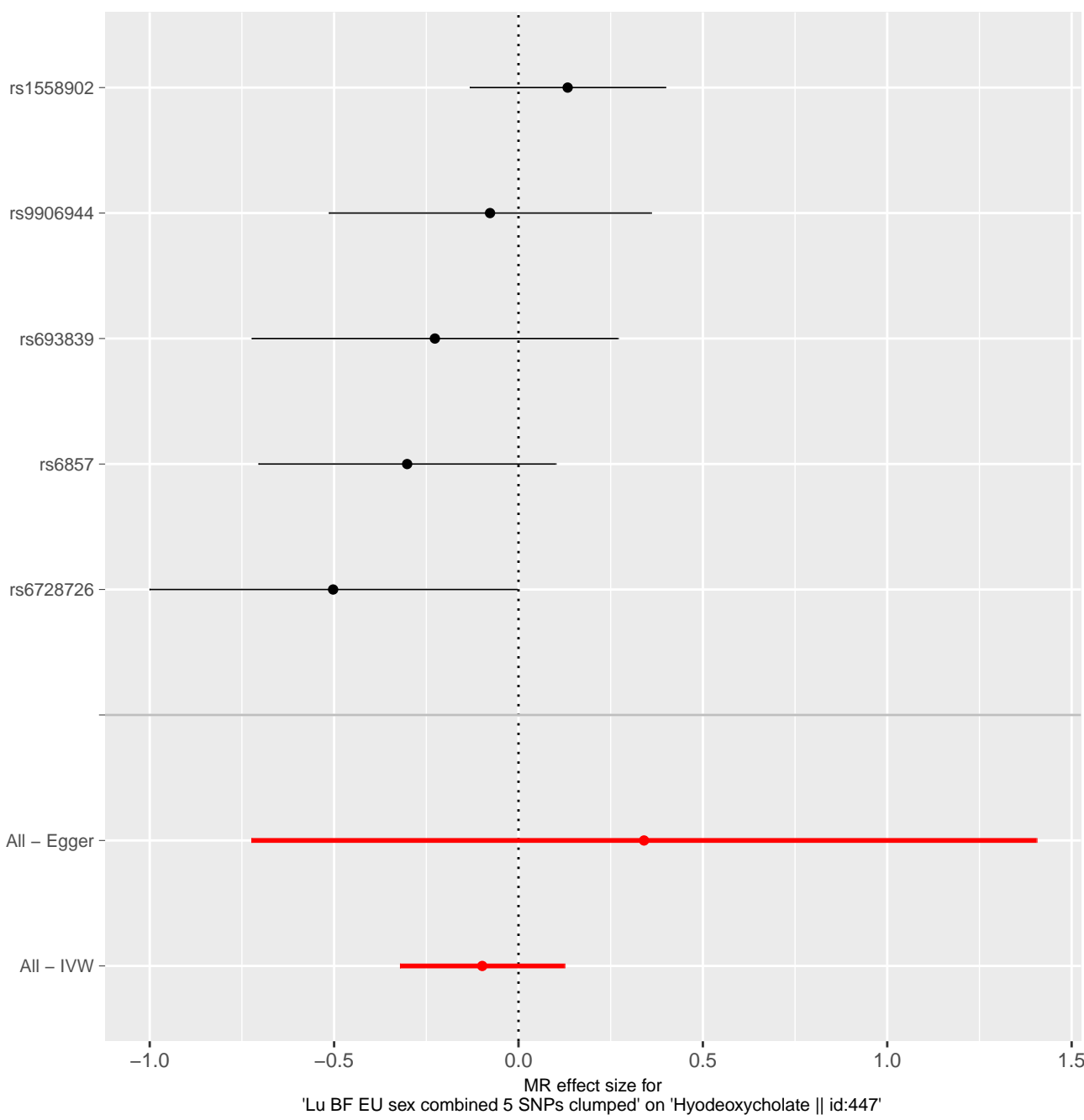
0.2

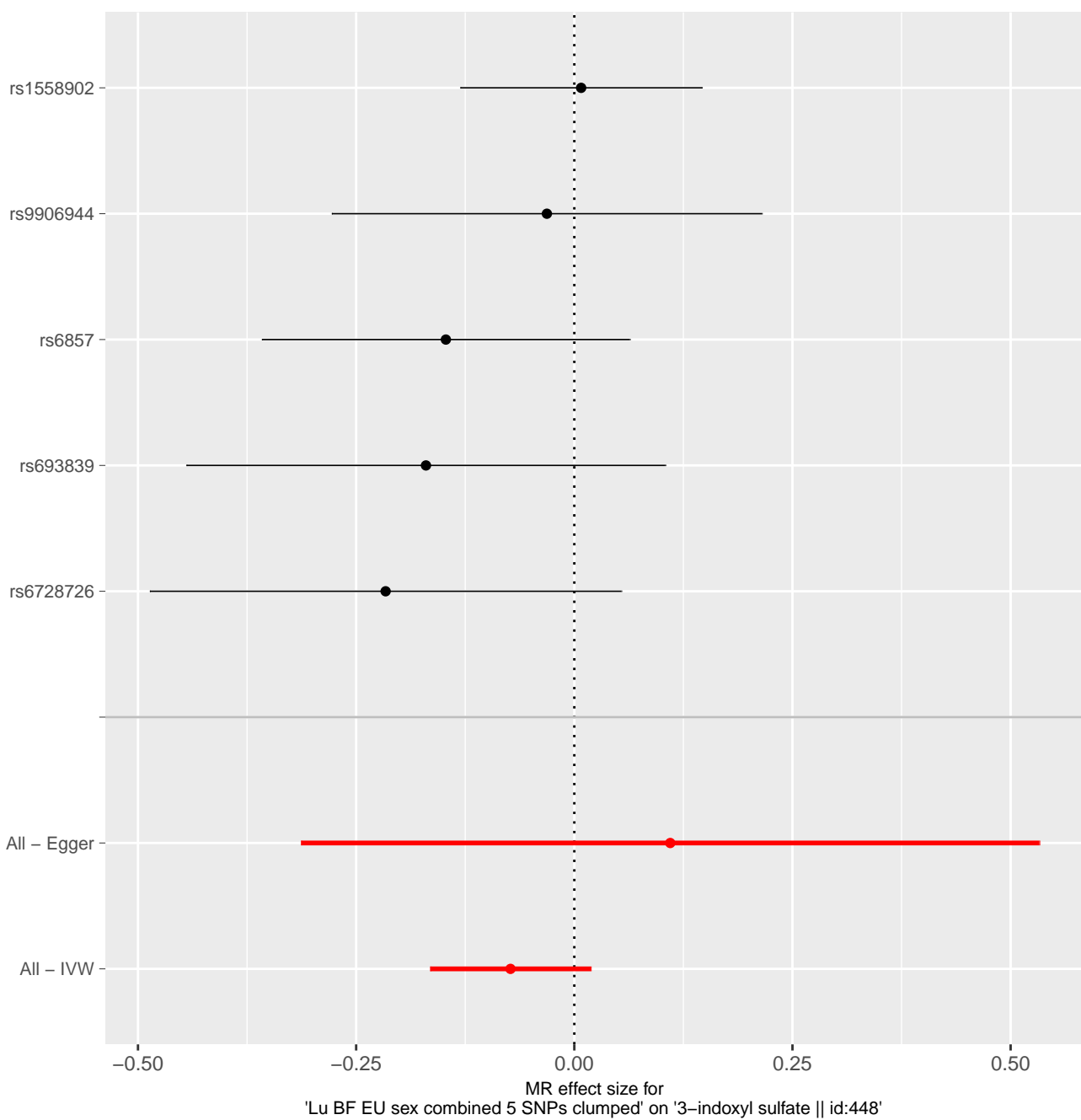
MR effect size for

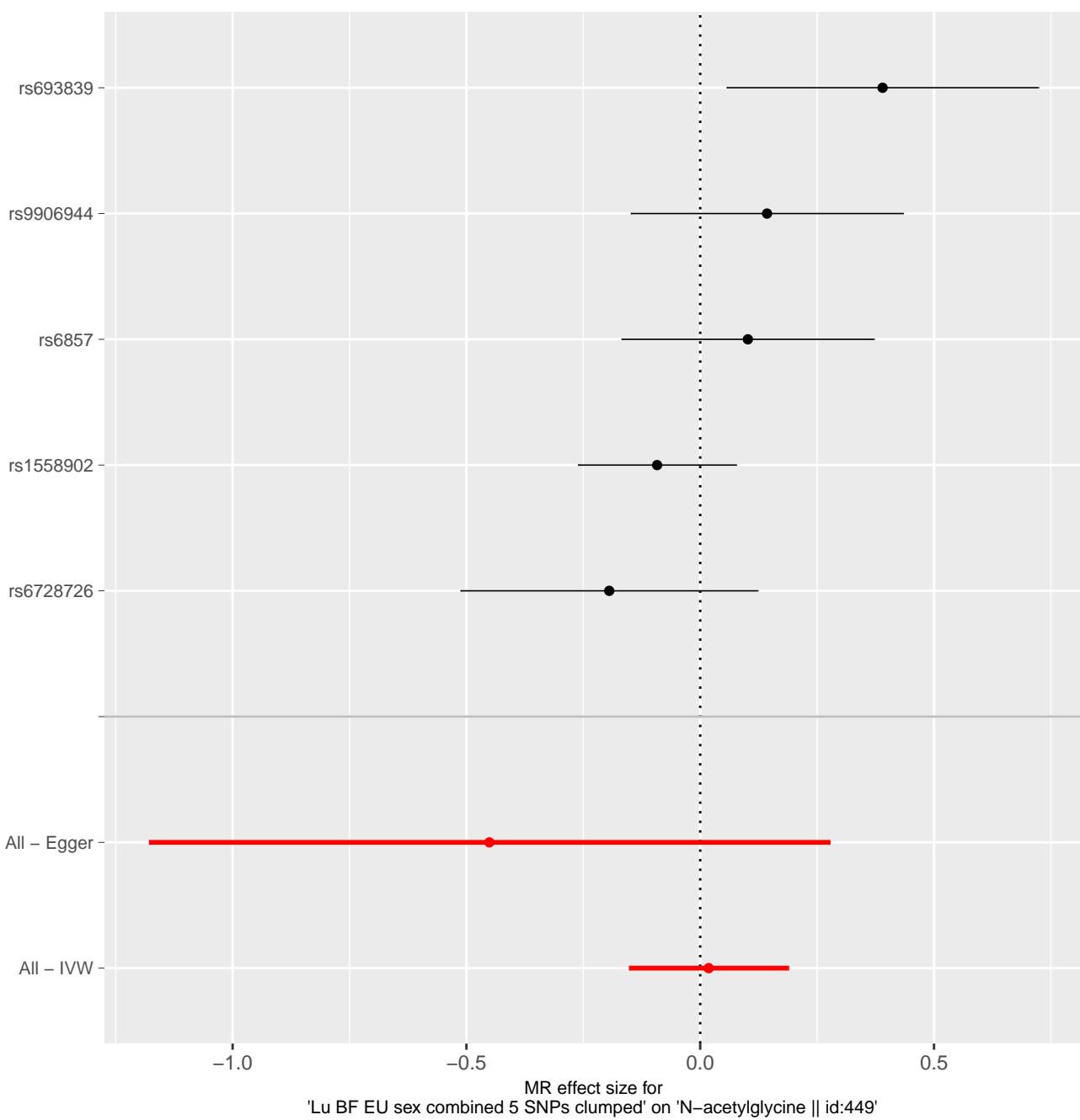
'Lu BF EU sex combined 5 SNPs clumped' on 'X-10510 || id:444'

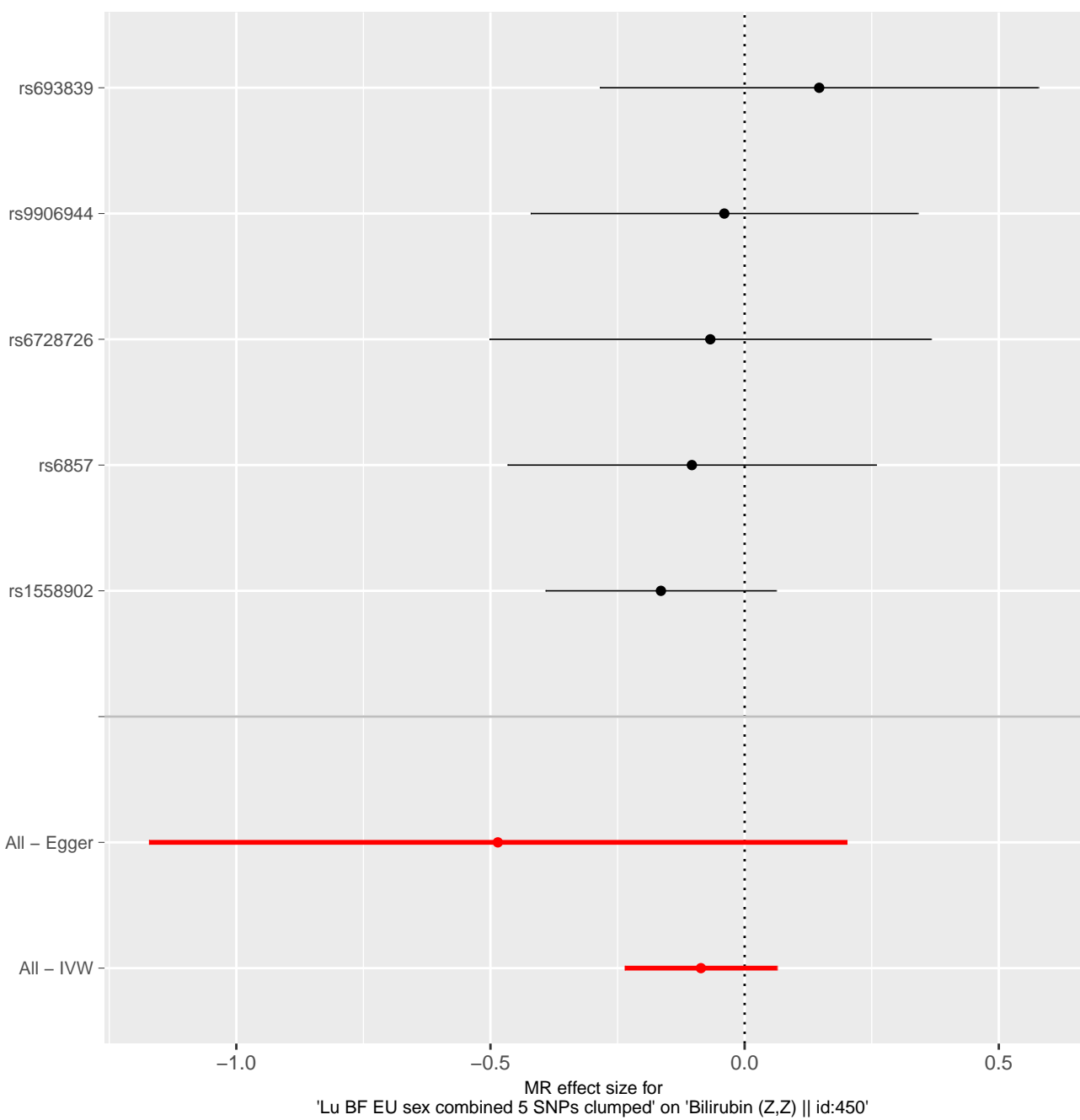


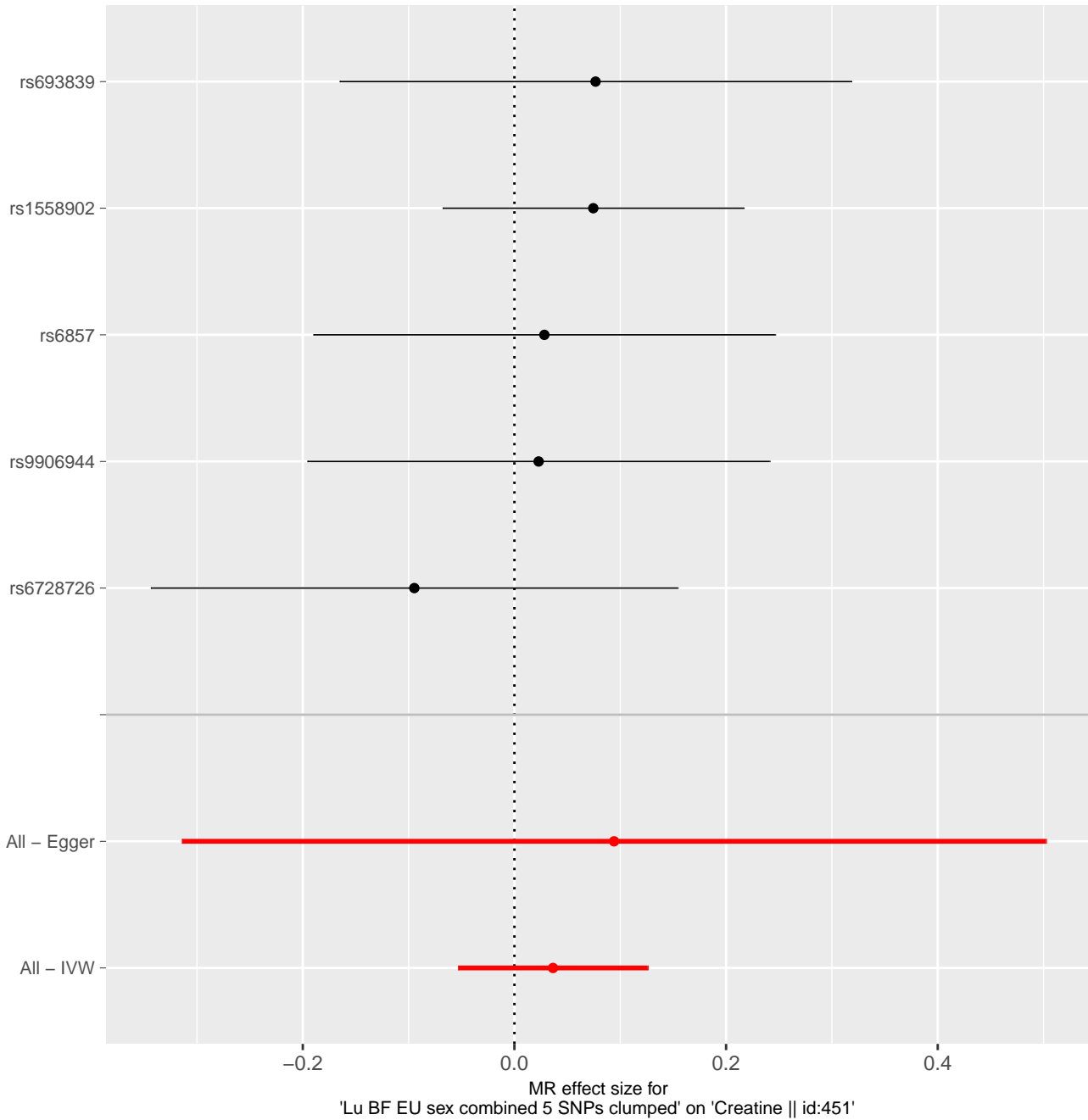


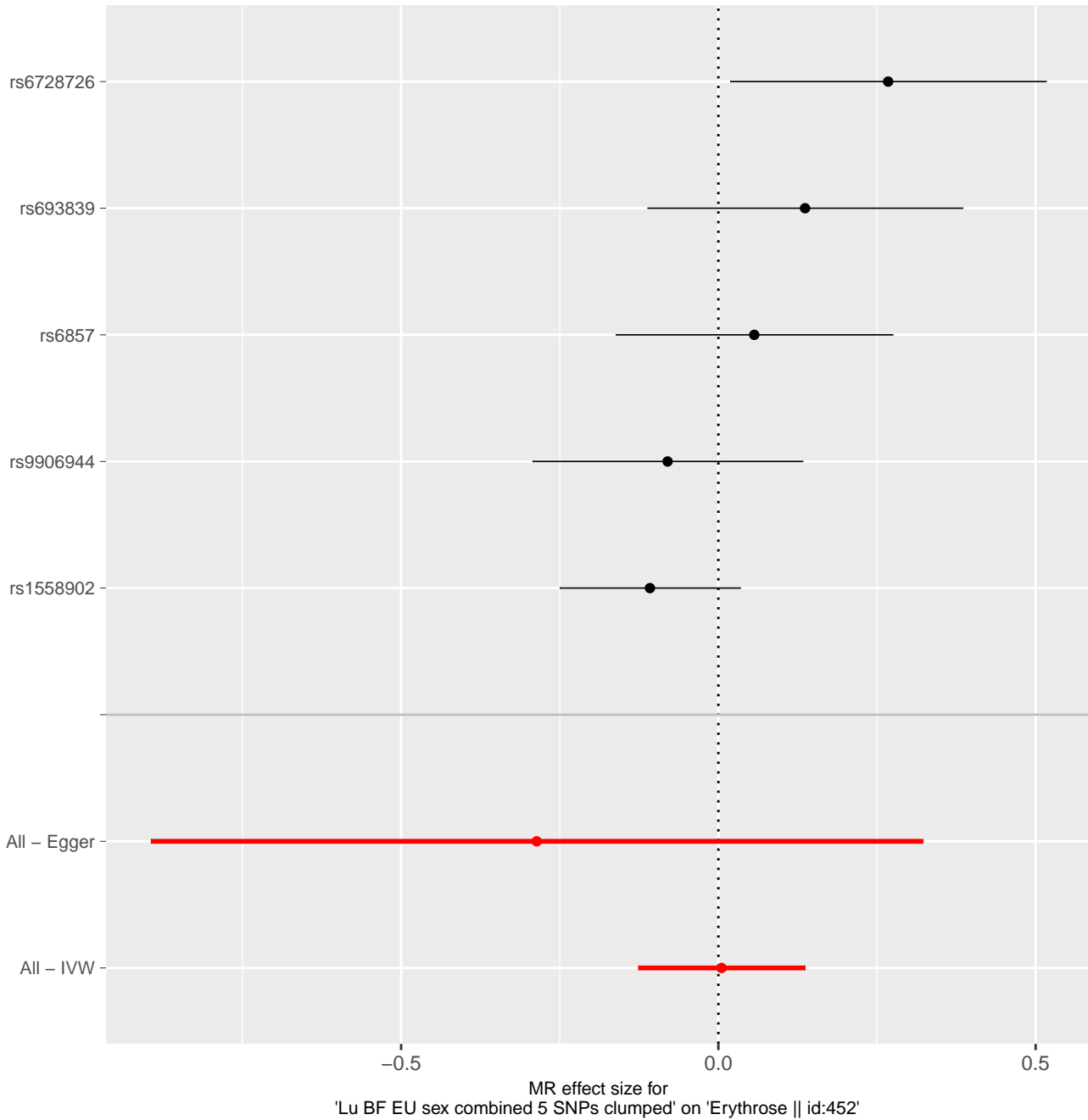


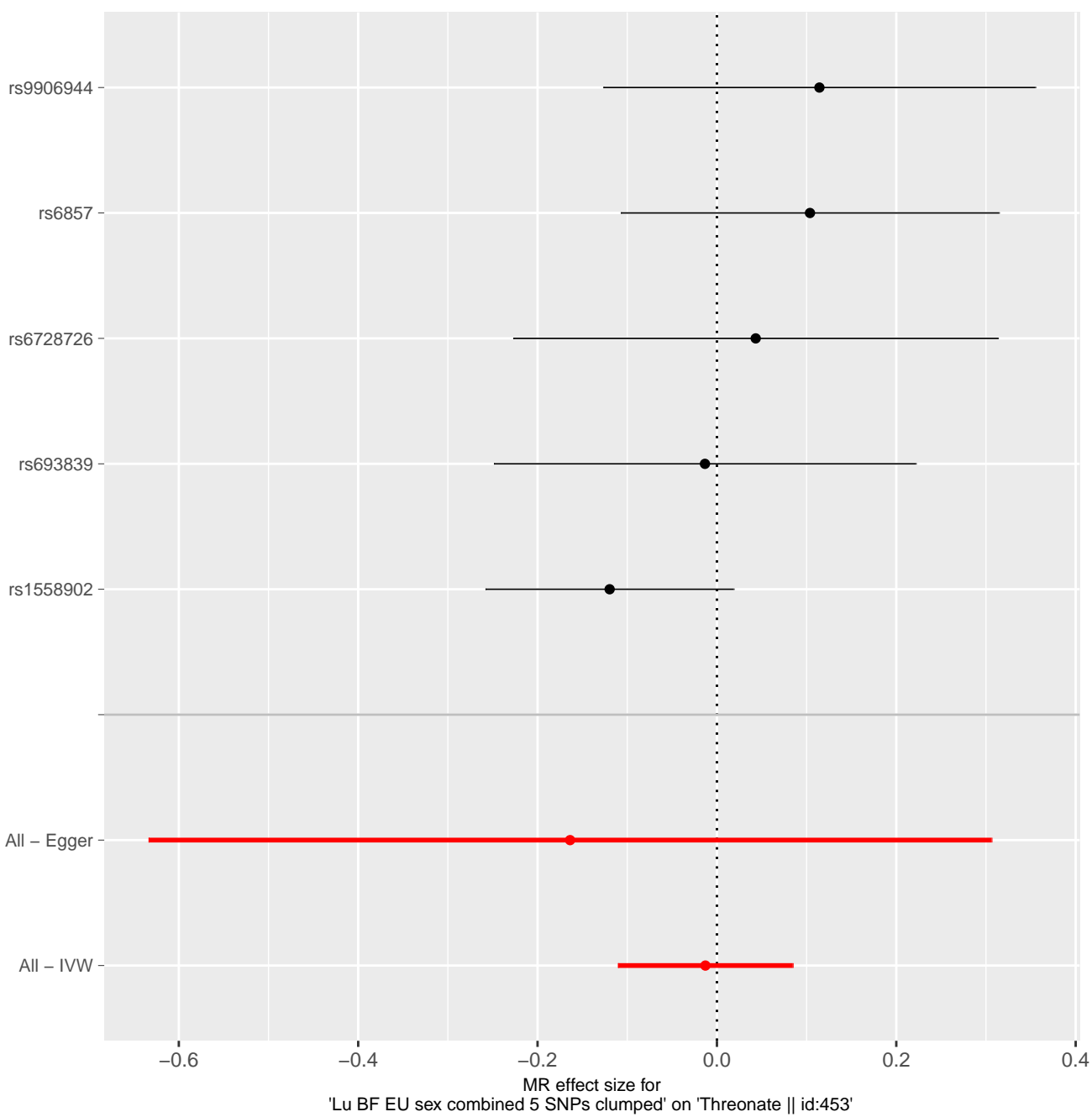


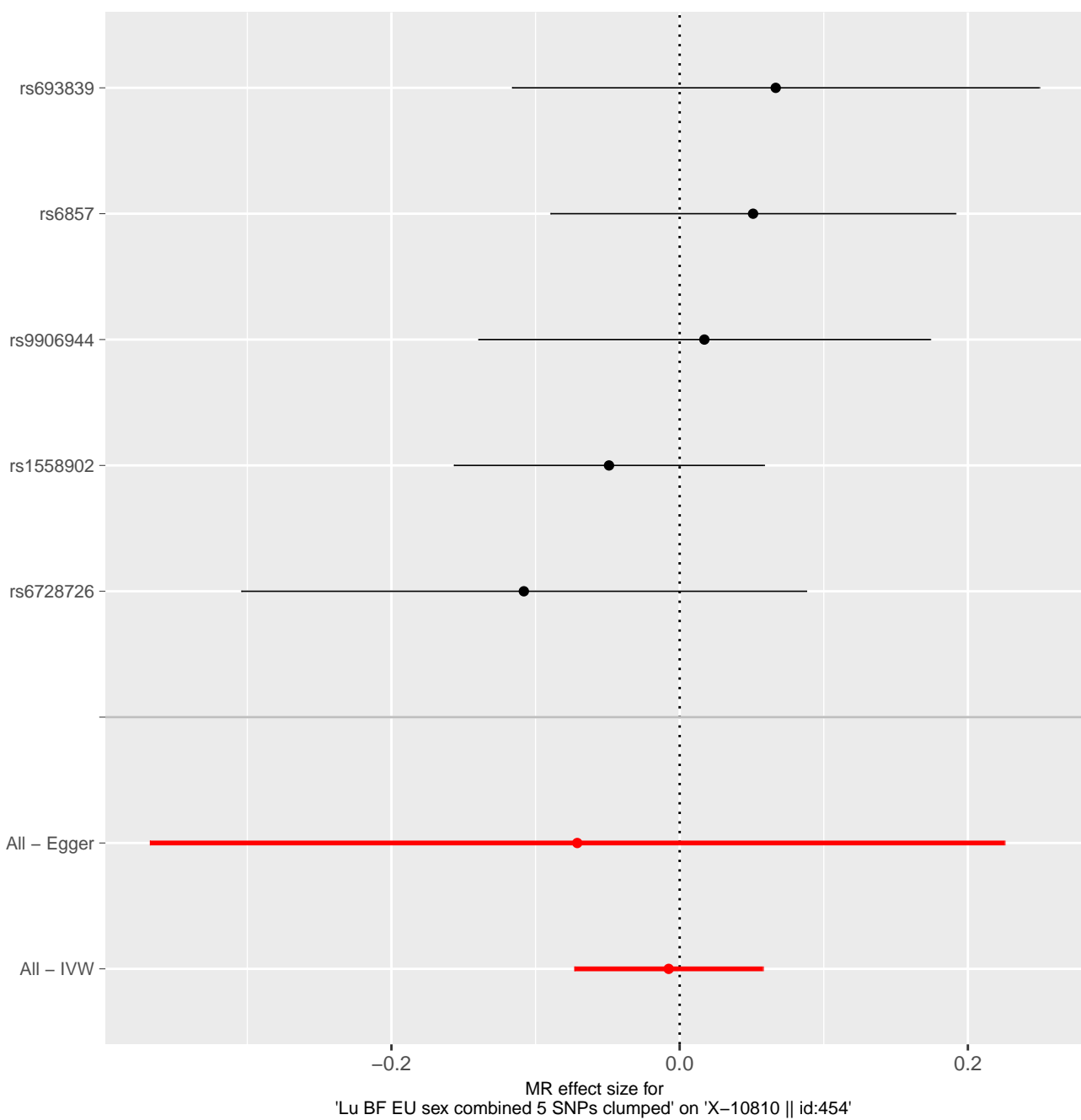


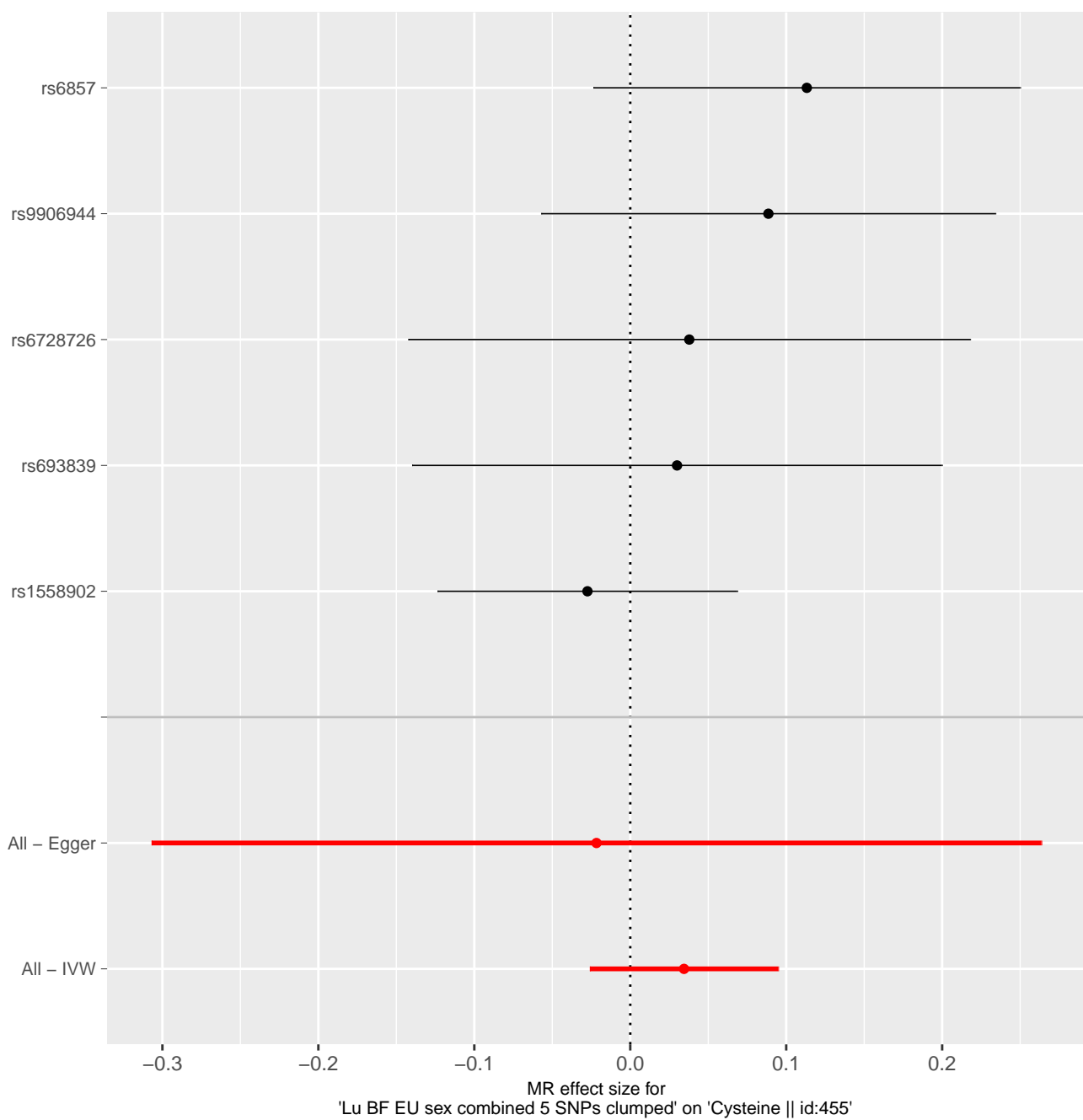












rs6728726

rs1558902

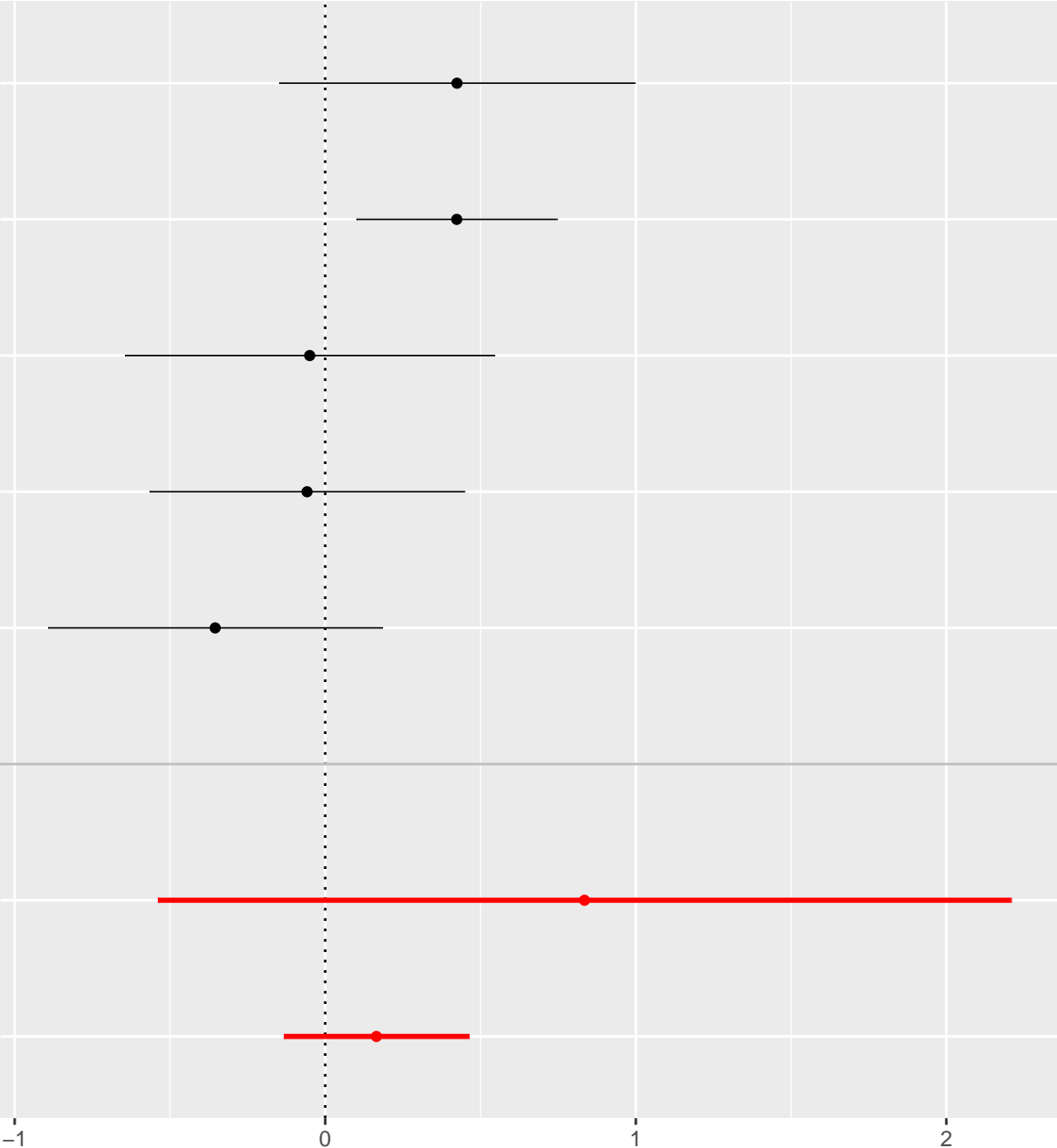
rs693839

rs6857

rs9906944

All – Egger

All – IVW



rs6728726

rs6857

rs693839

rs9906944

All – Egger

All – IVW

-1

0

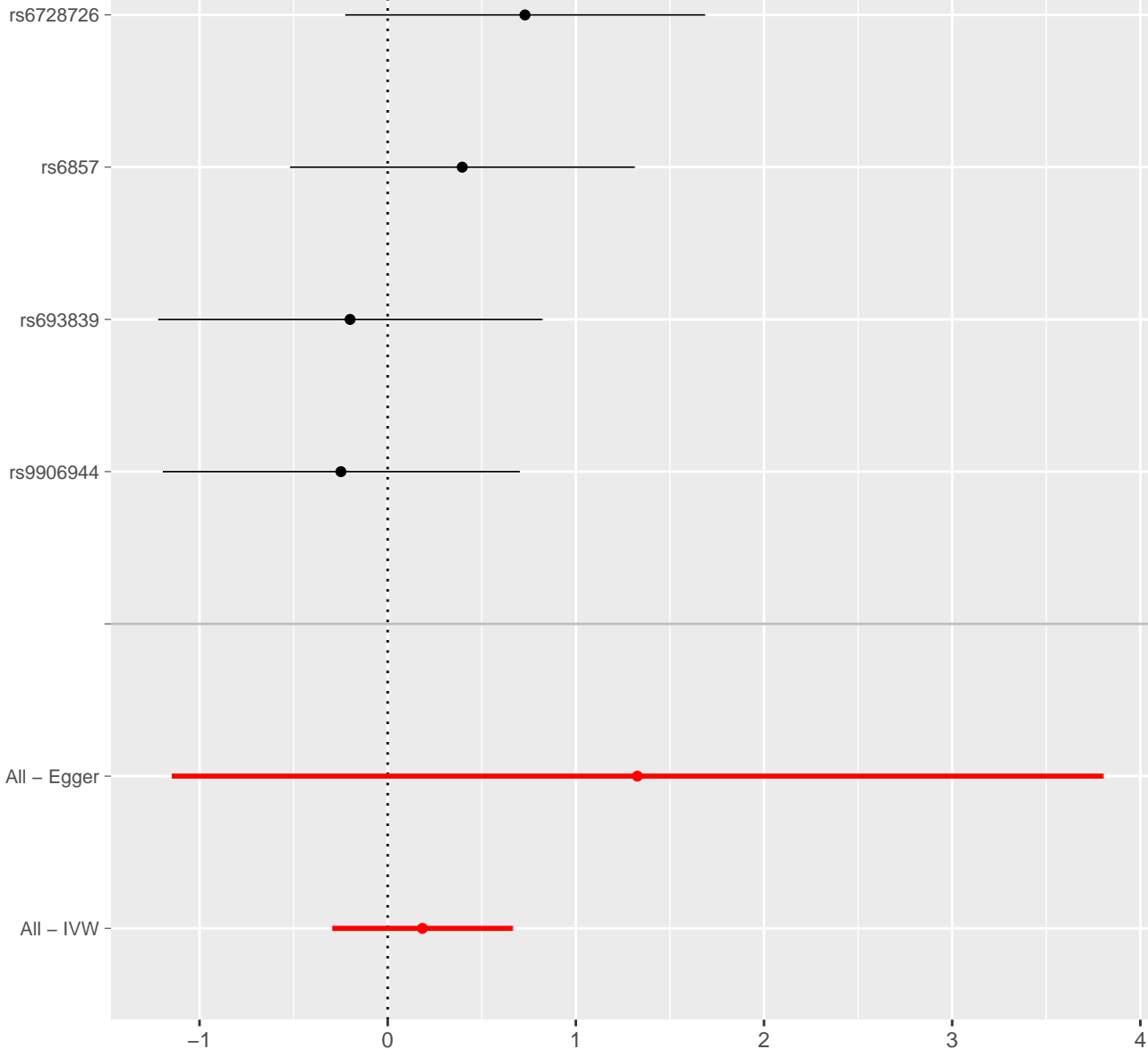
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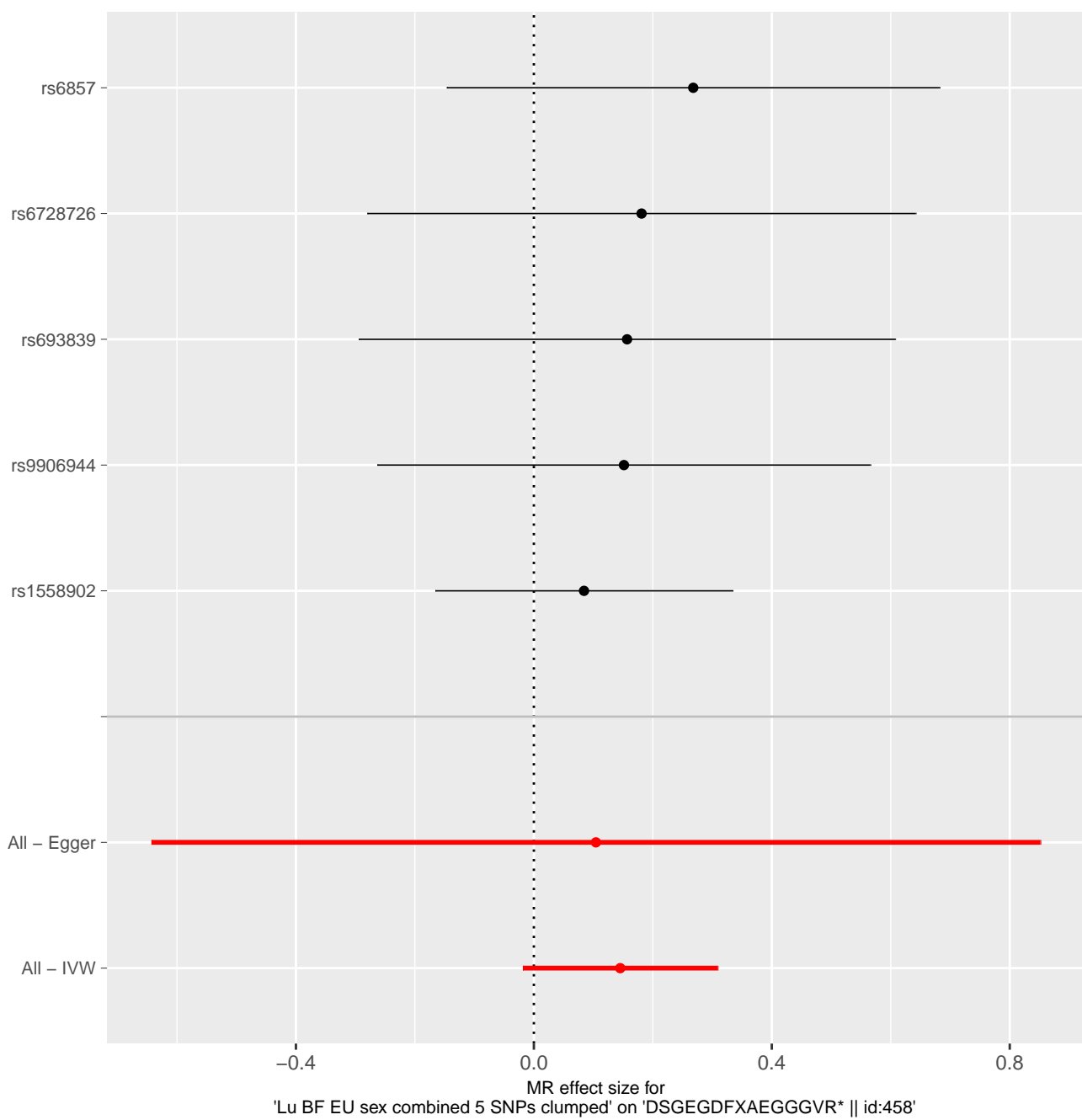
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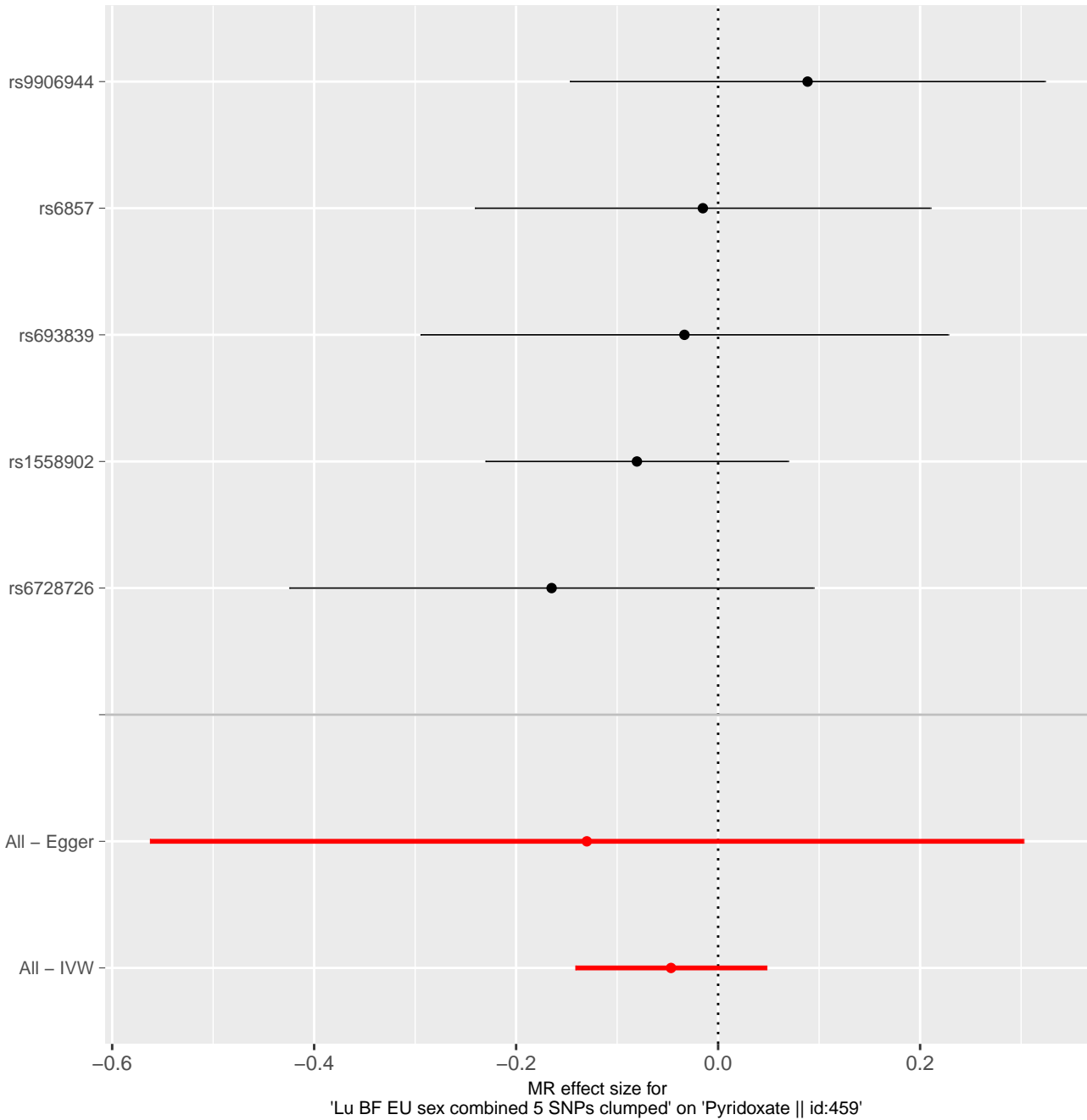
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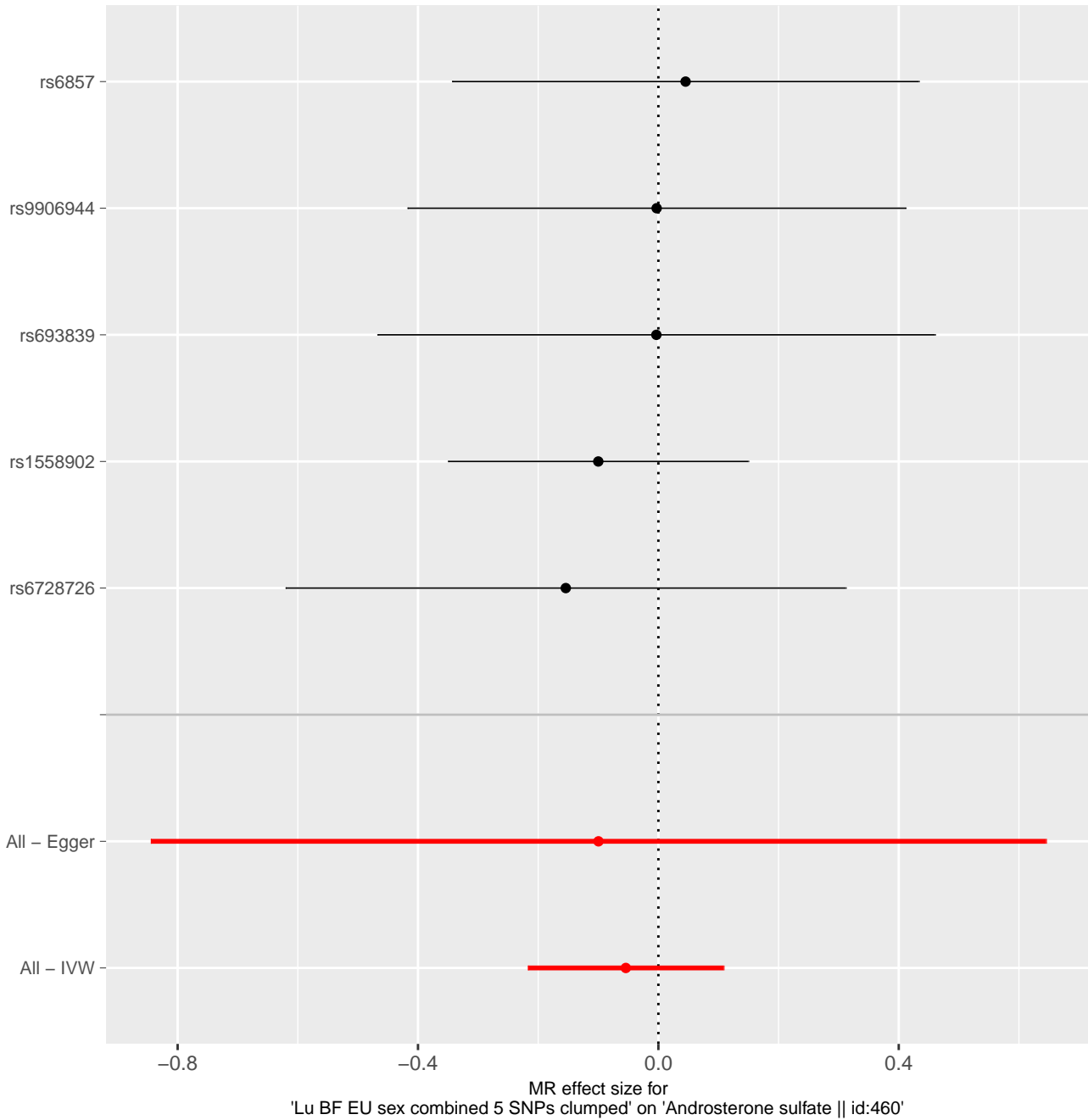
4

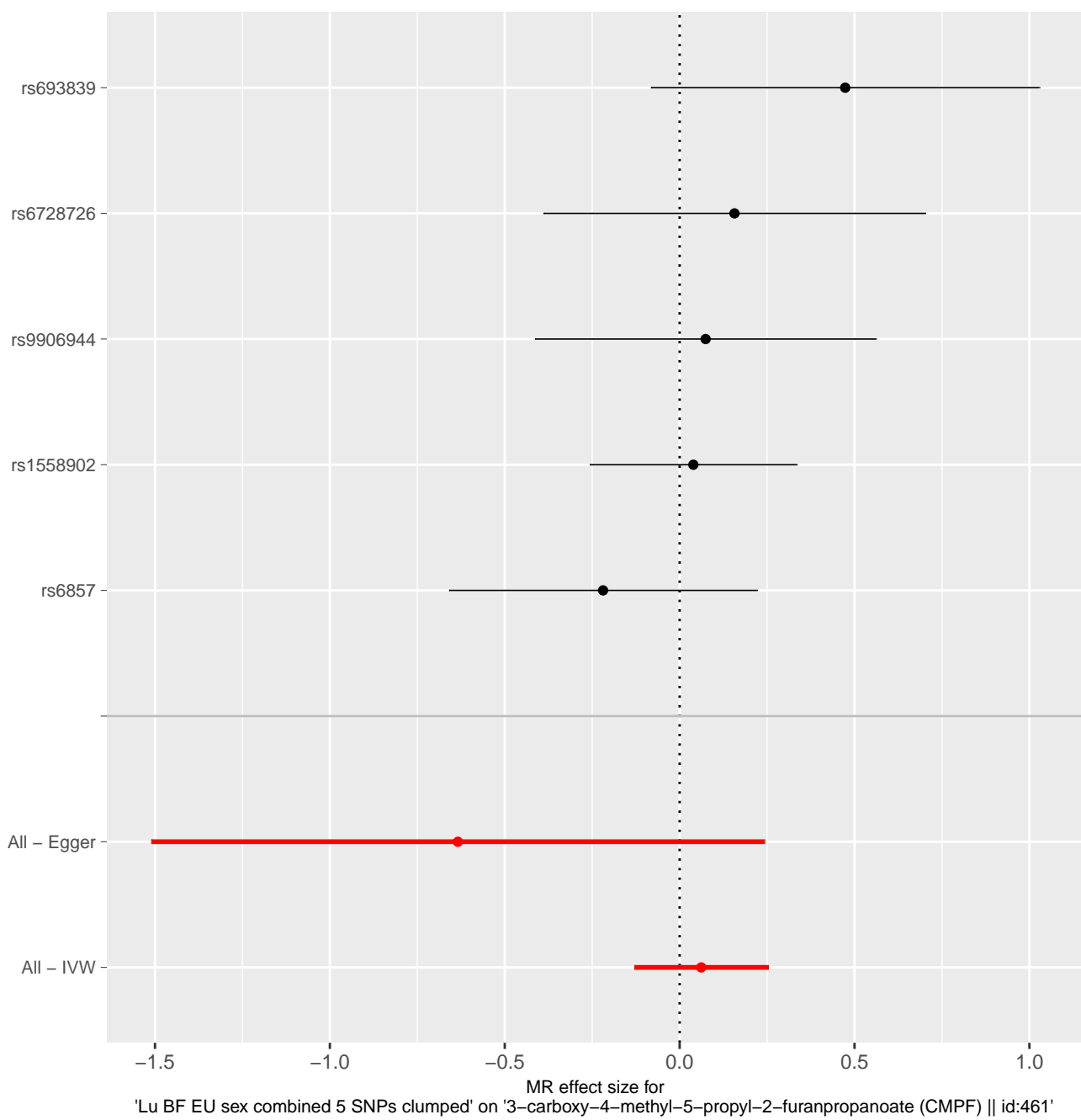
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'N-(2-furoyl)glycine || id:457'











rs6857

rs1558902

rs6728726

rs9906944

rs693839

All – Egger

All – IVW

-0.2

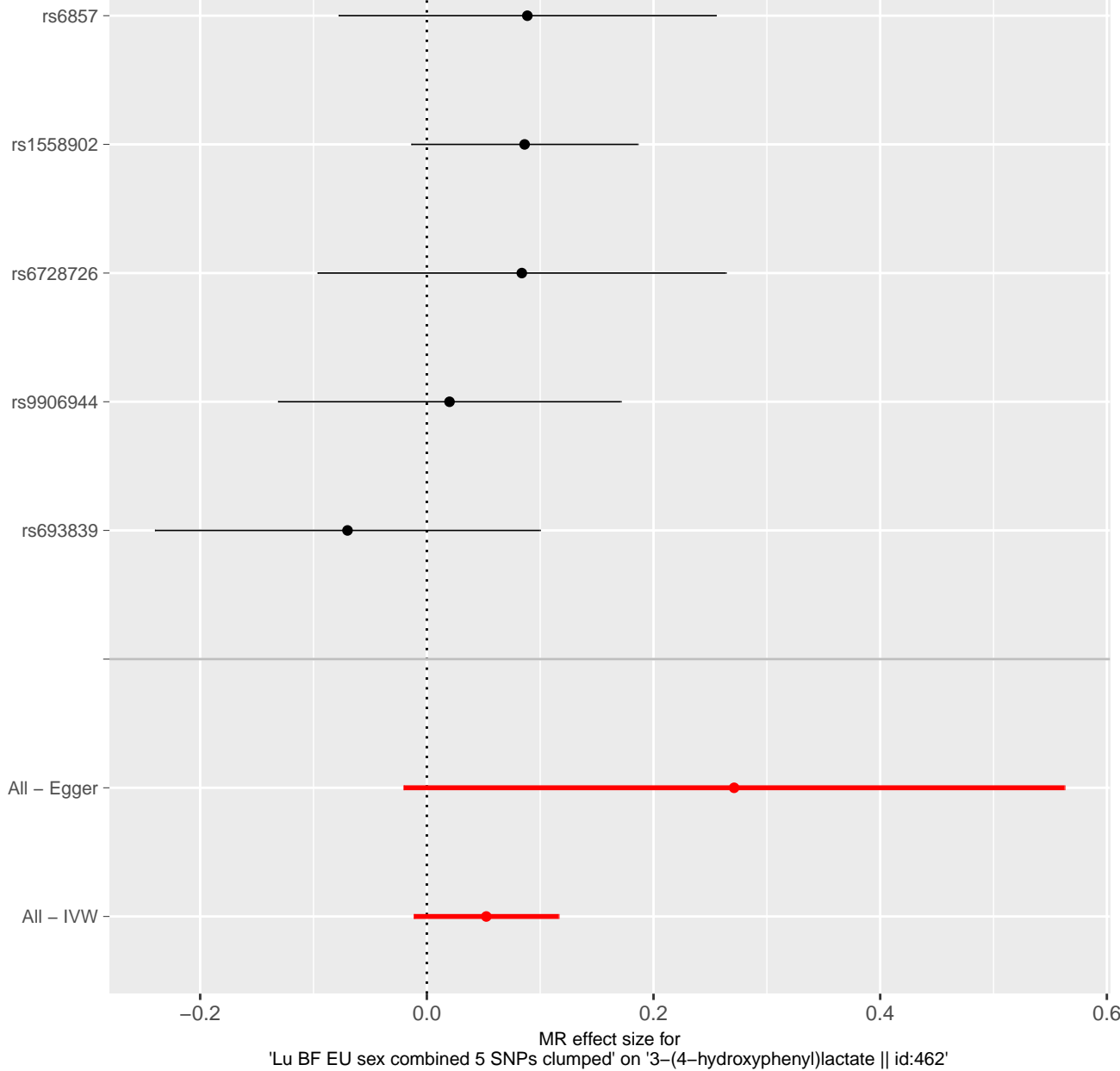
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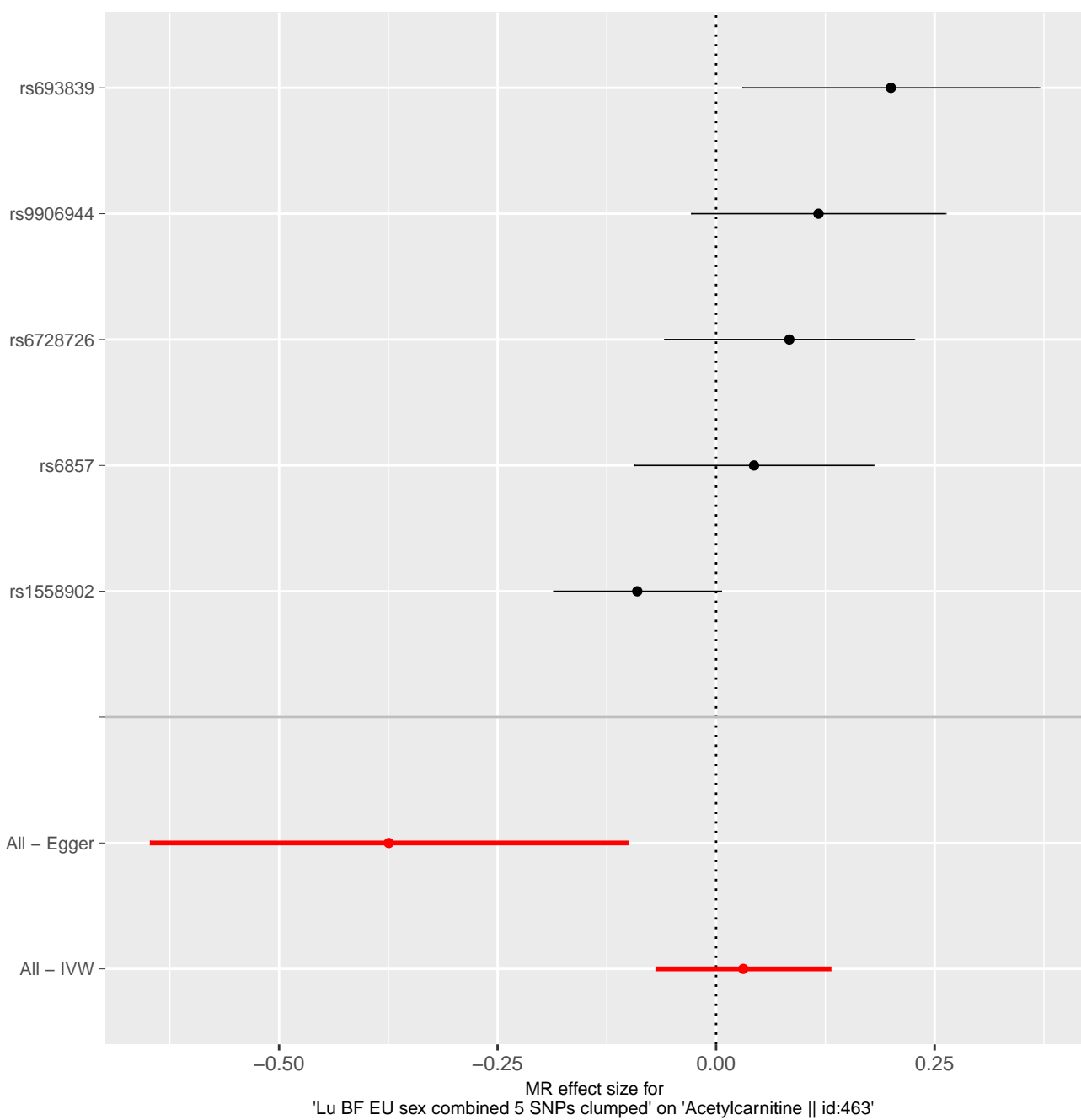
0.2

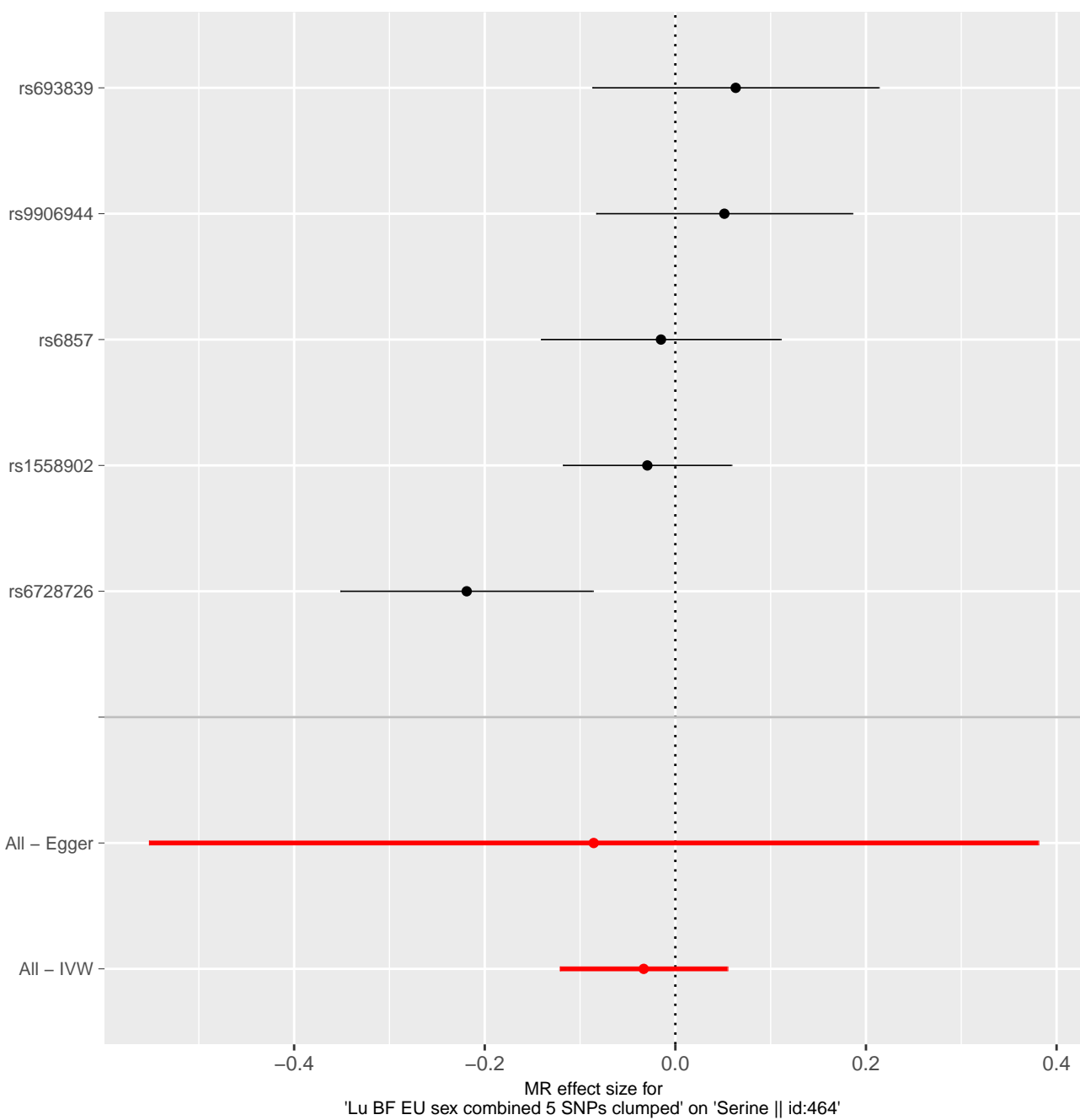
0.4

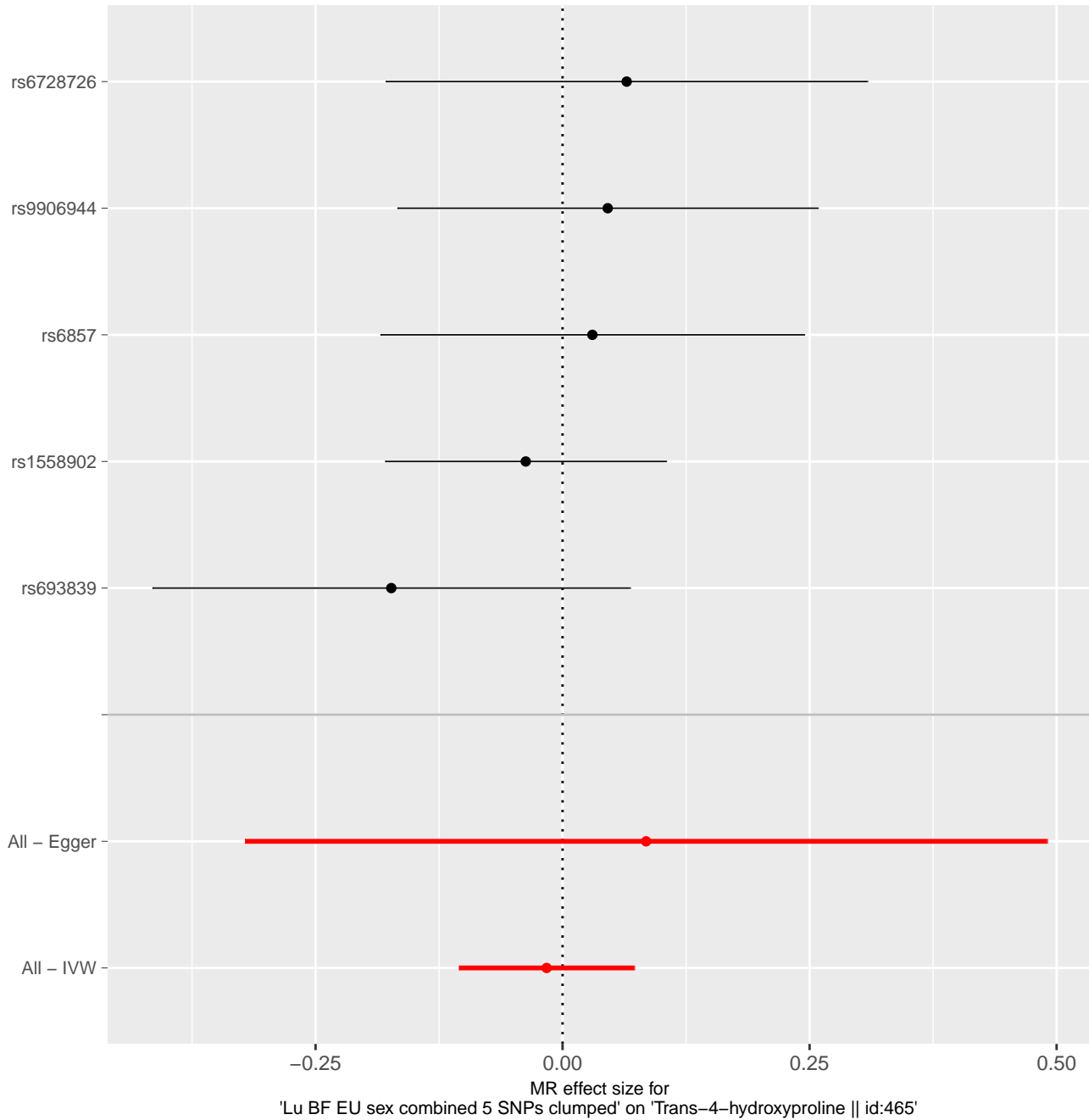
0.6

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on '3-(4-hydroxyphenyl)lactate || id:462'









rs1558902

rs6728726

rs6857

rs693839

rs9906944

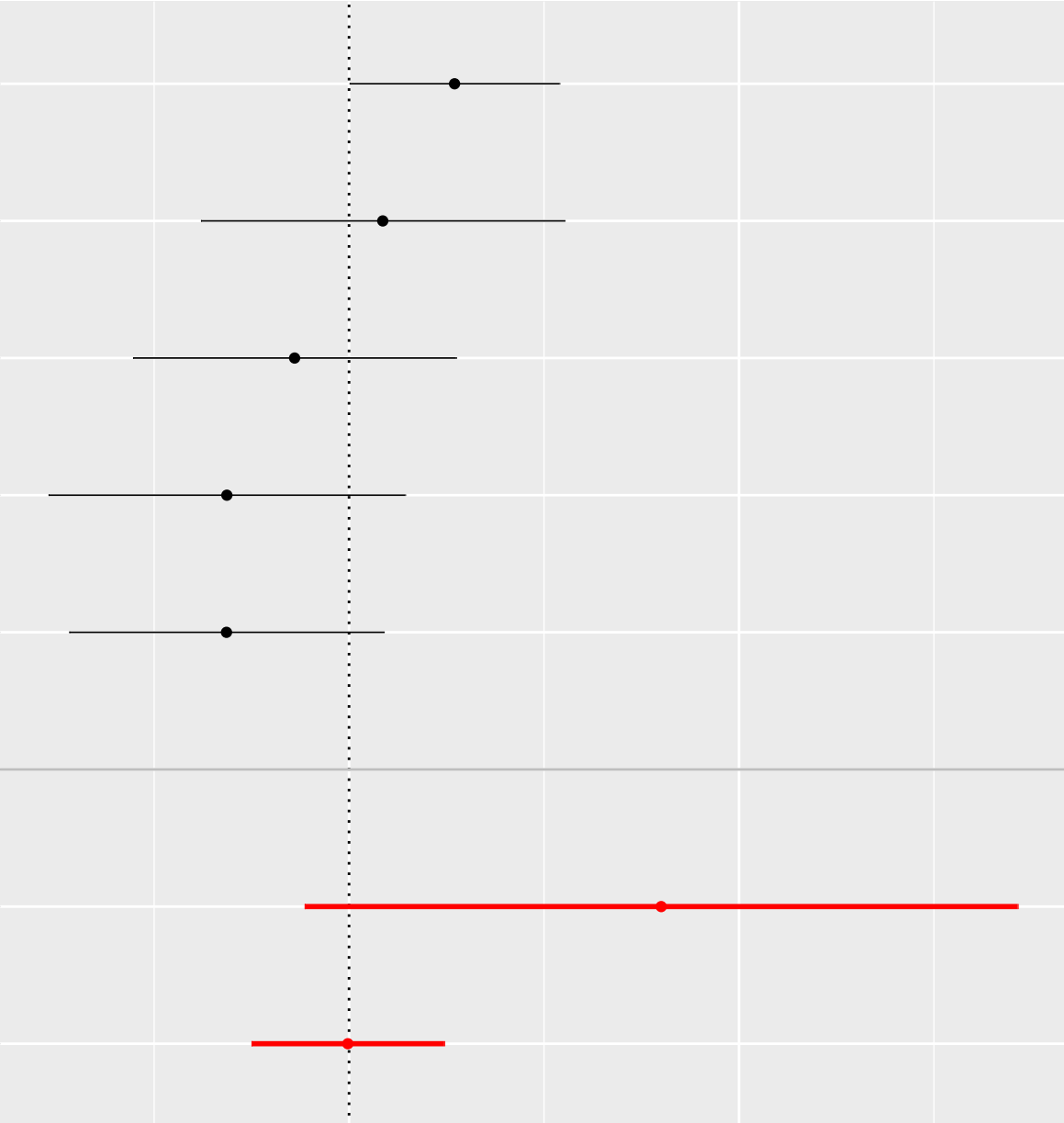
All – Egger

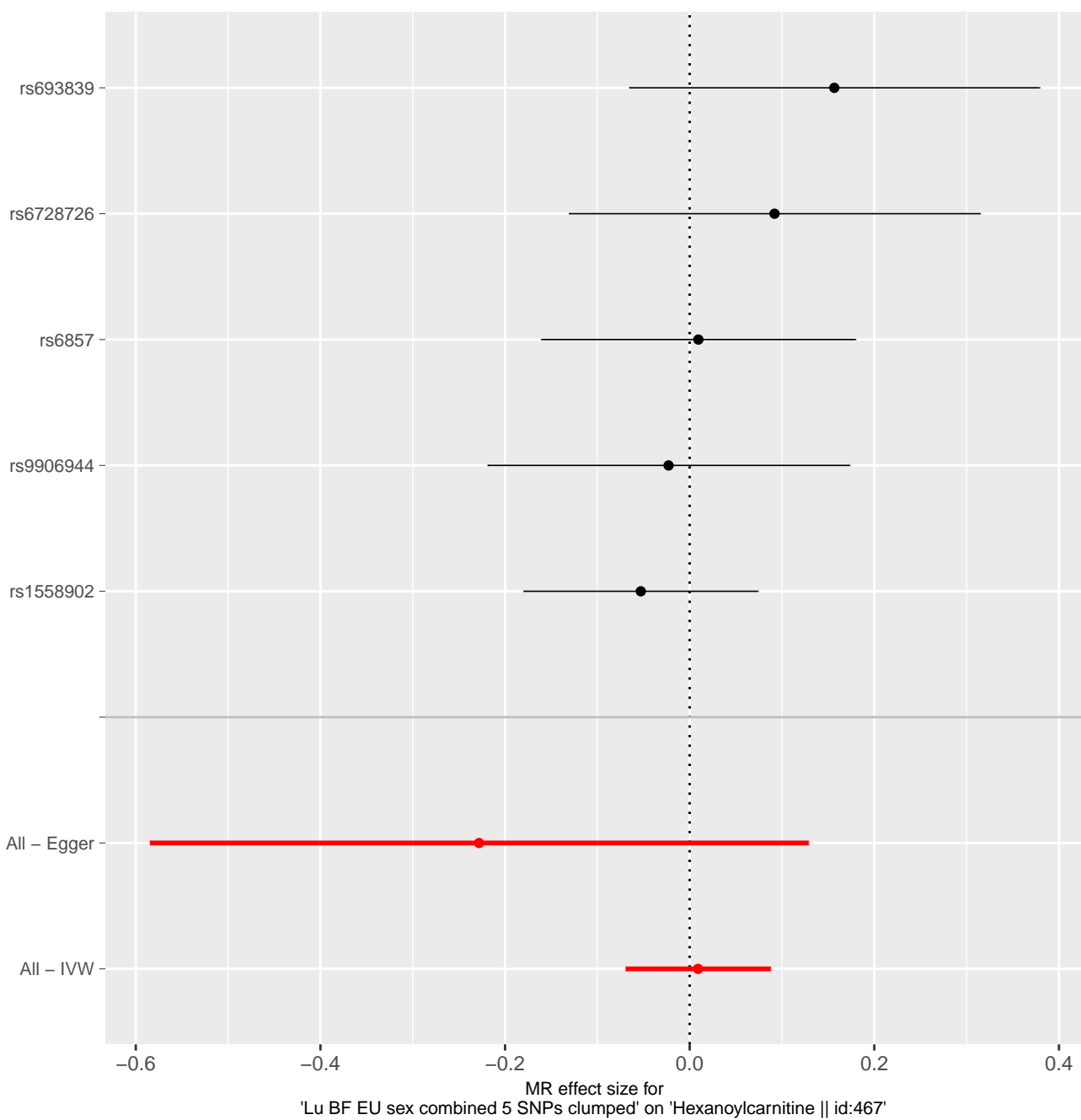
All – IVW

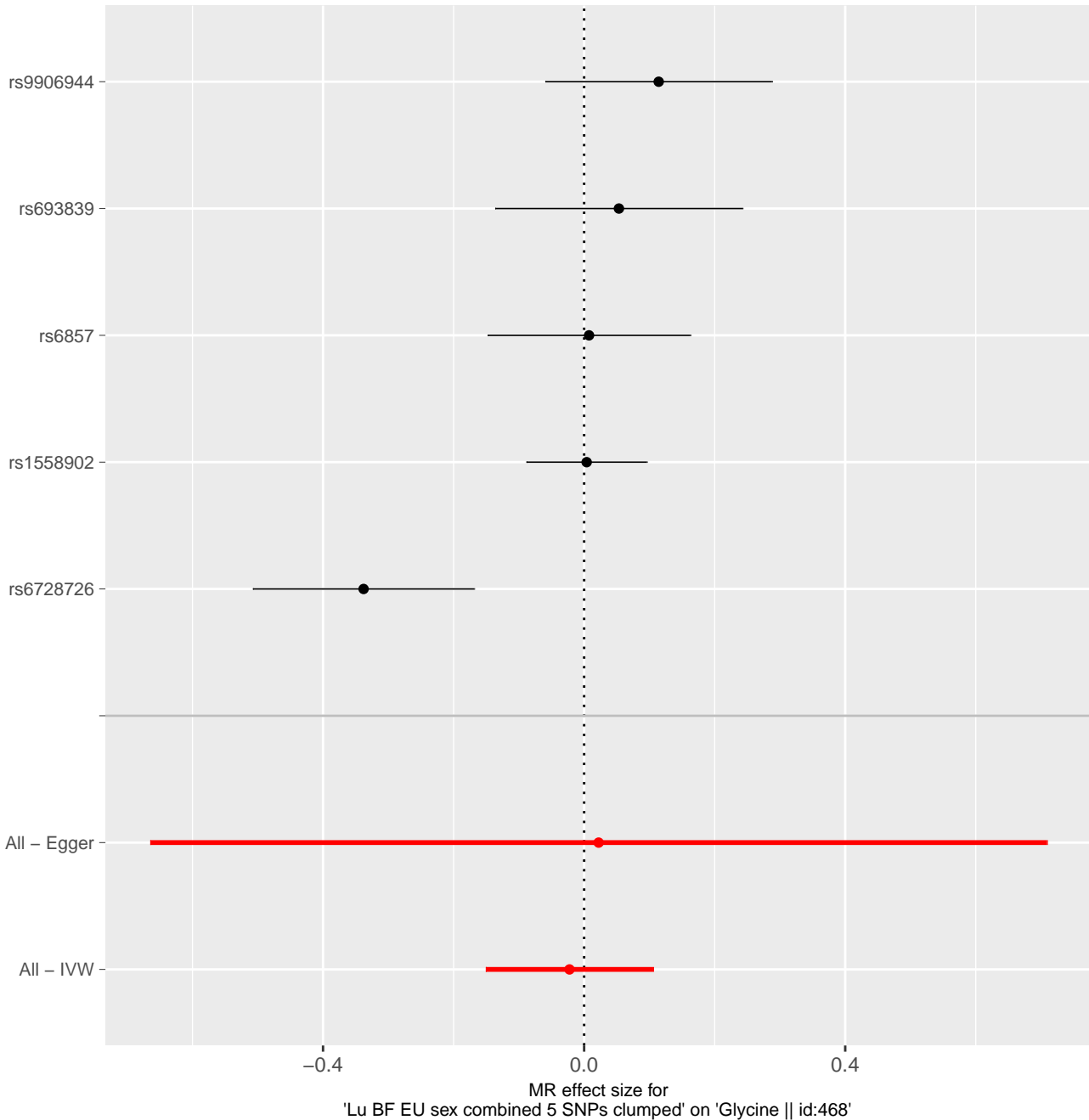
0.0

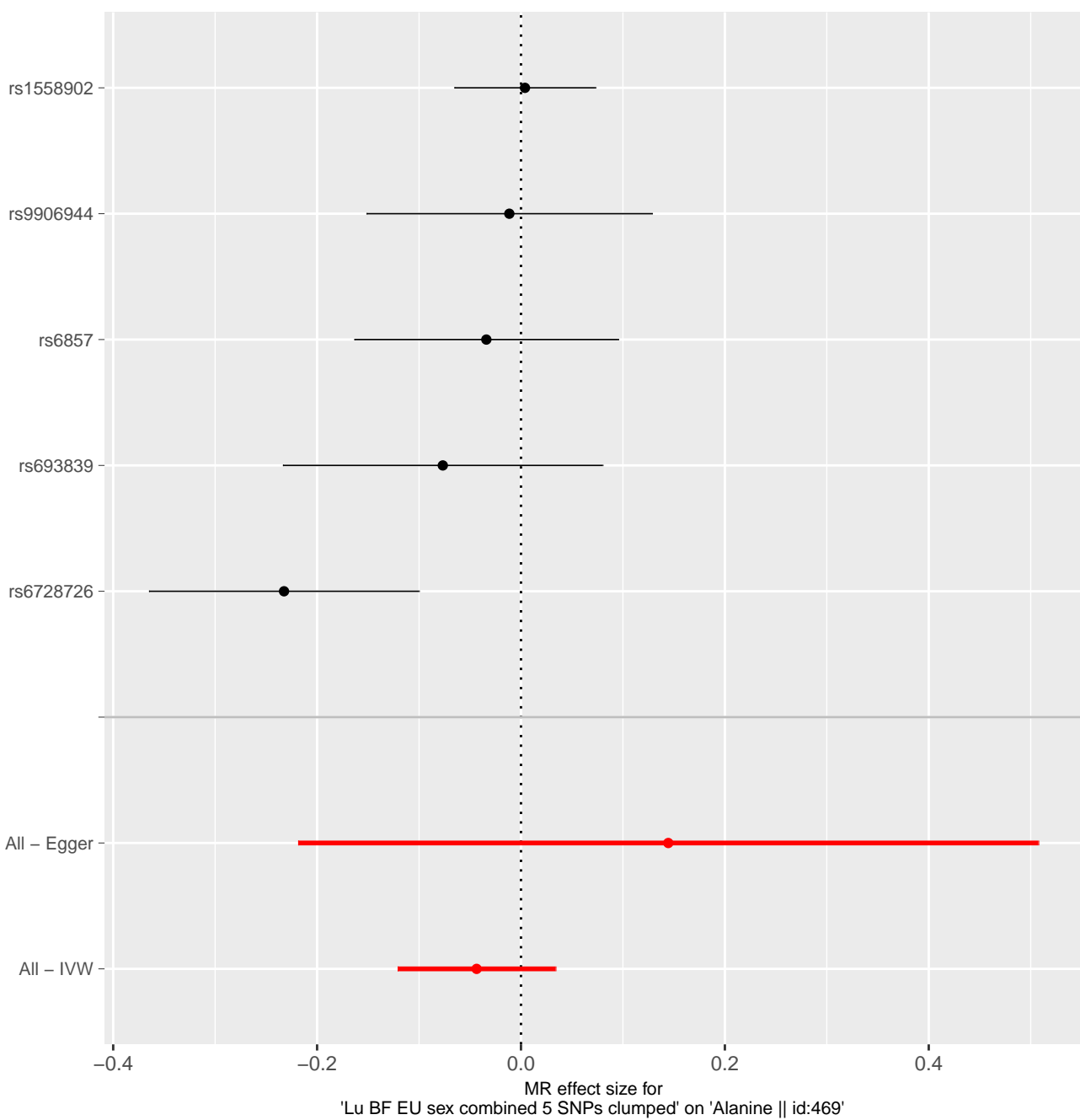
0.5

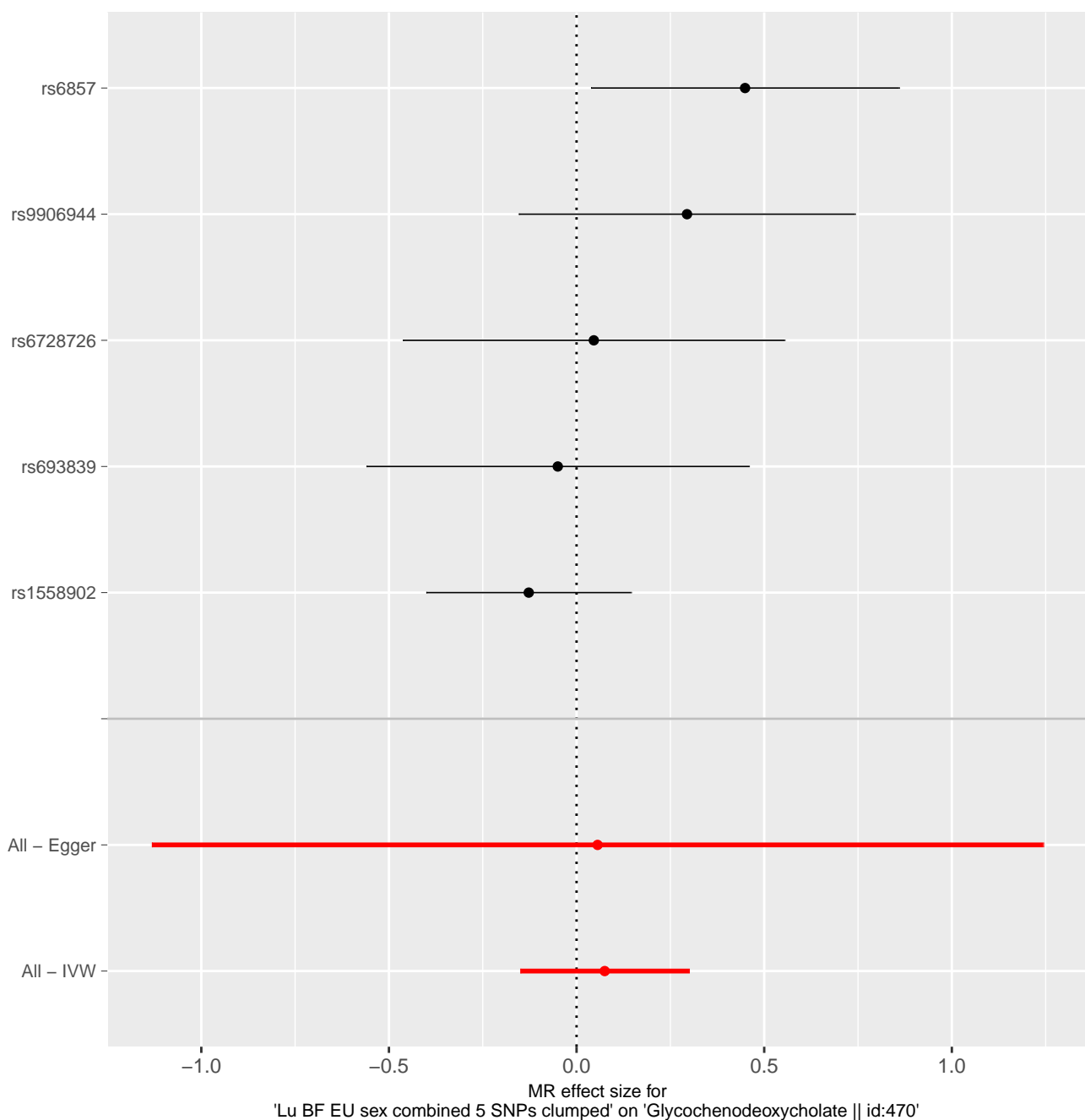
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Glutamate || id:466'

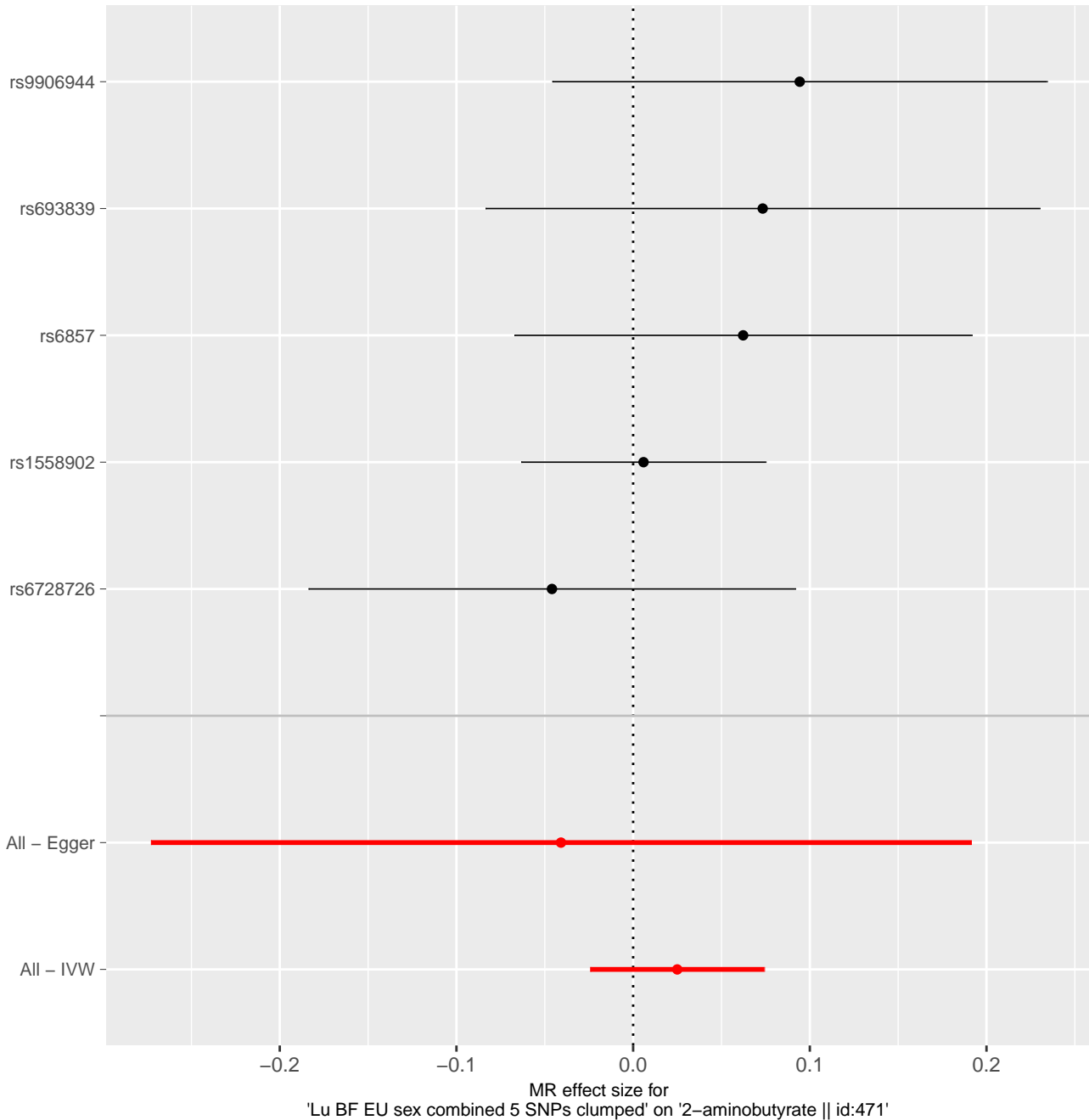


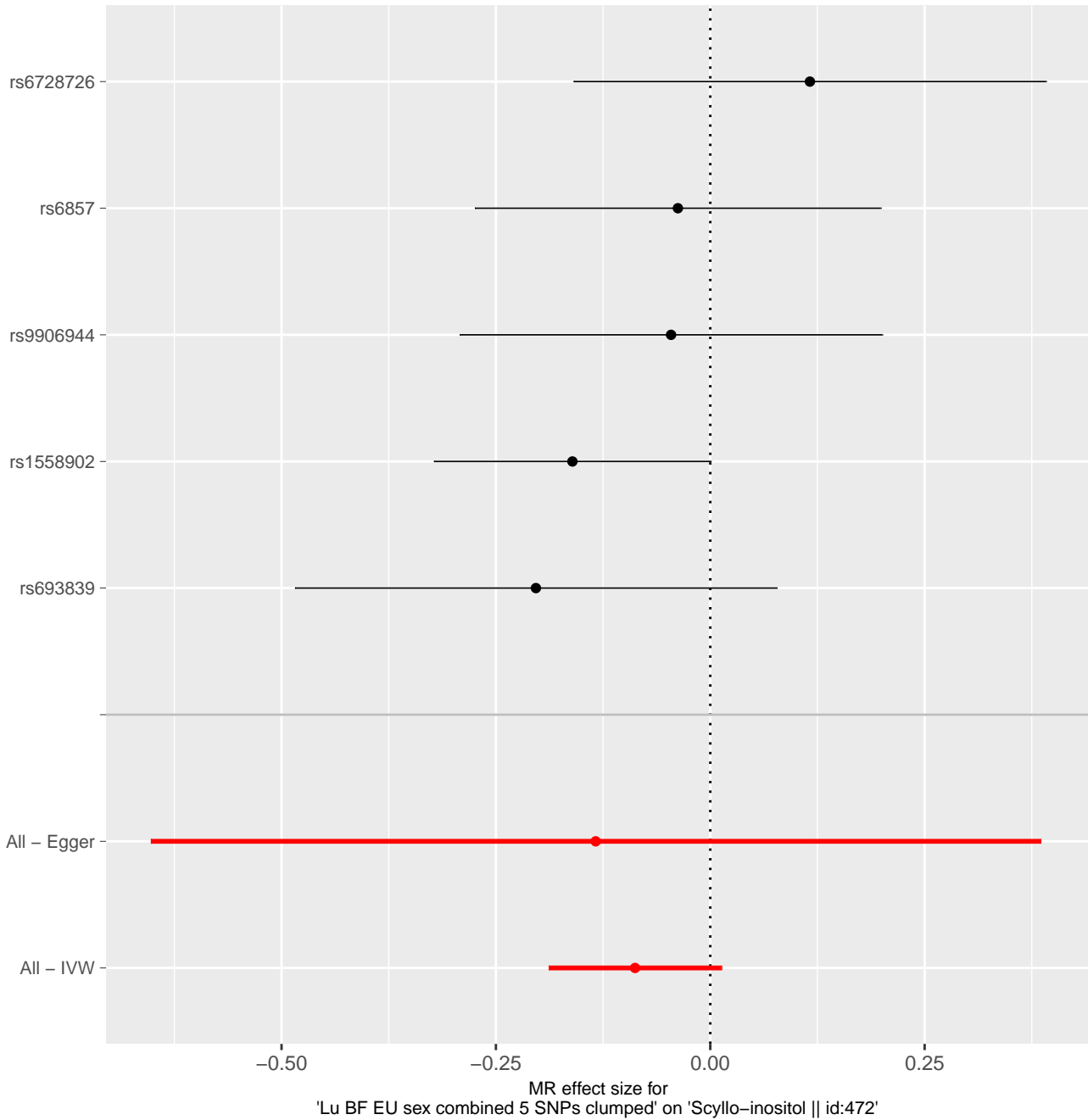












rs9906944

rs1558902

rs6728726

rs693839

rs6857

All – Egger

All – IVW

-0.4

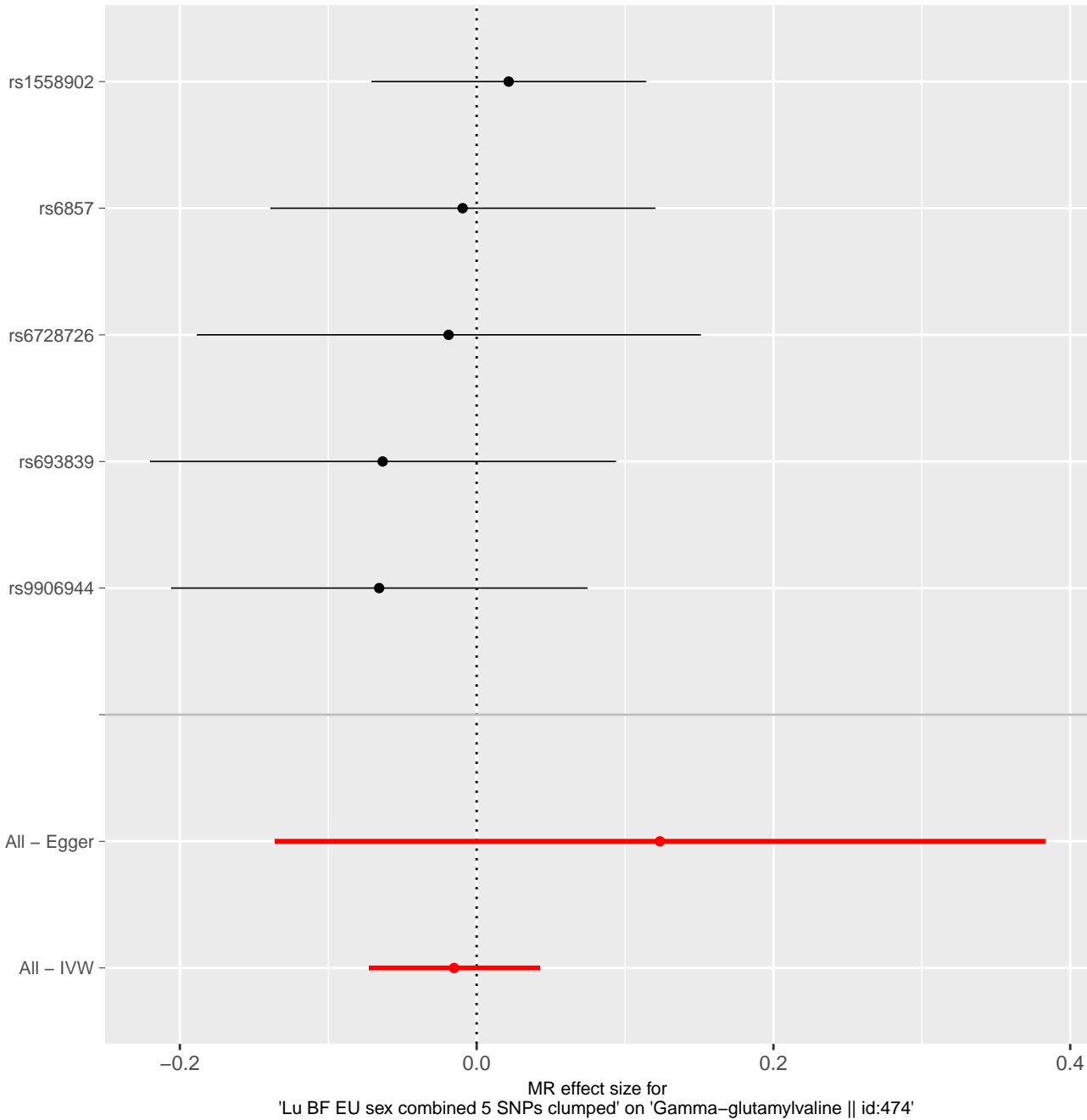
-0.2

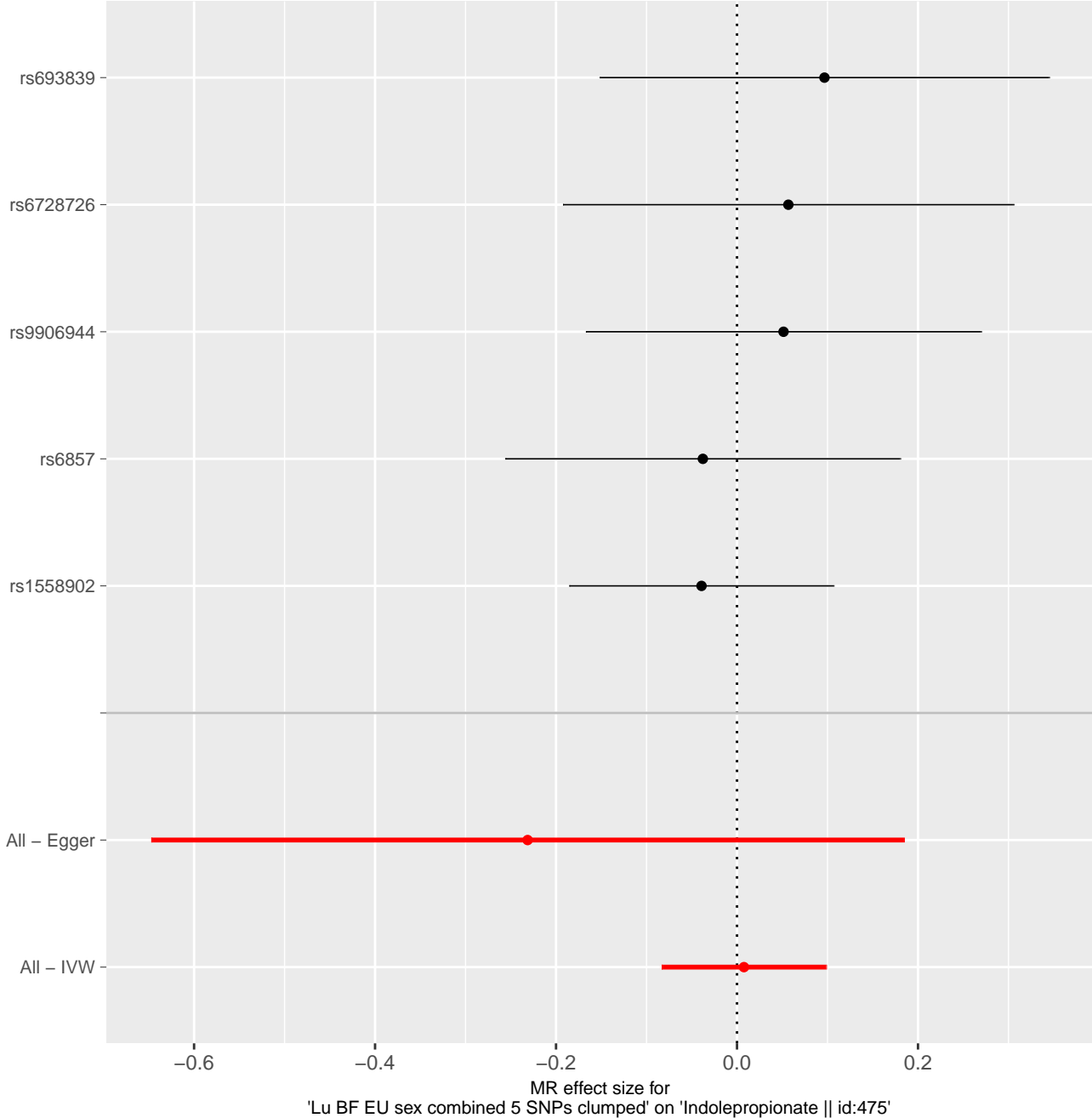
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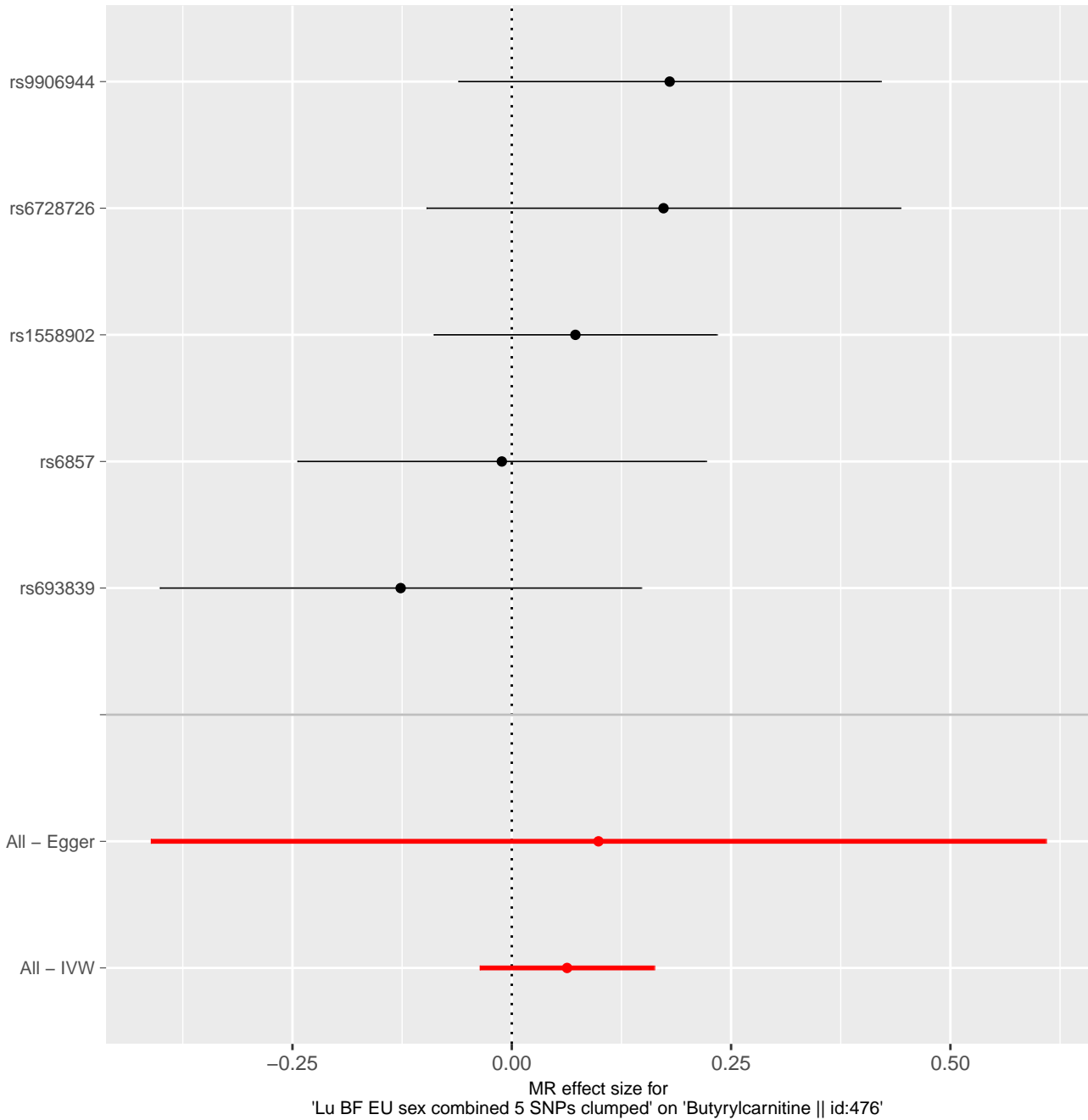
0.2

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Dodecanedioate || id:473'







rs9906944

rs693839

rs6728726

rs6857

rs1558902

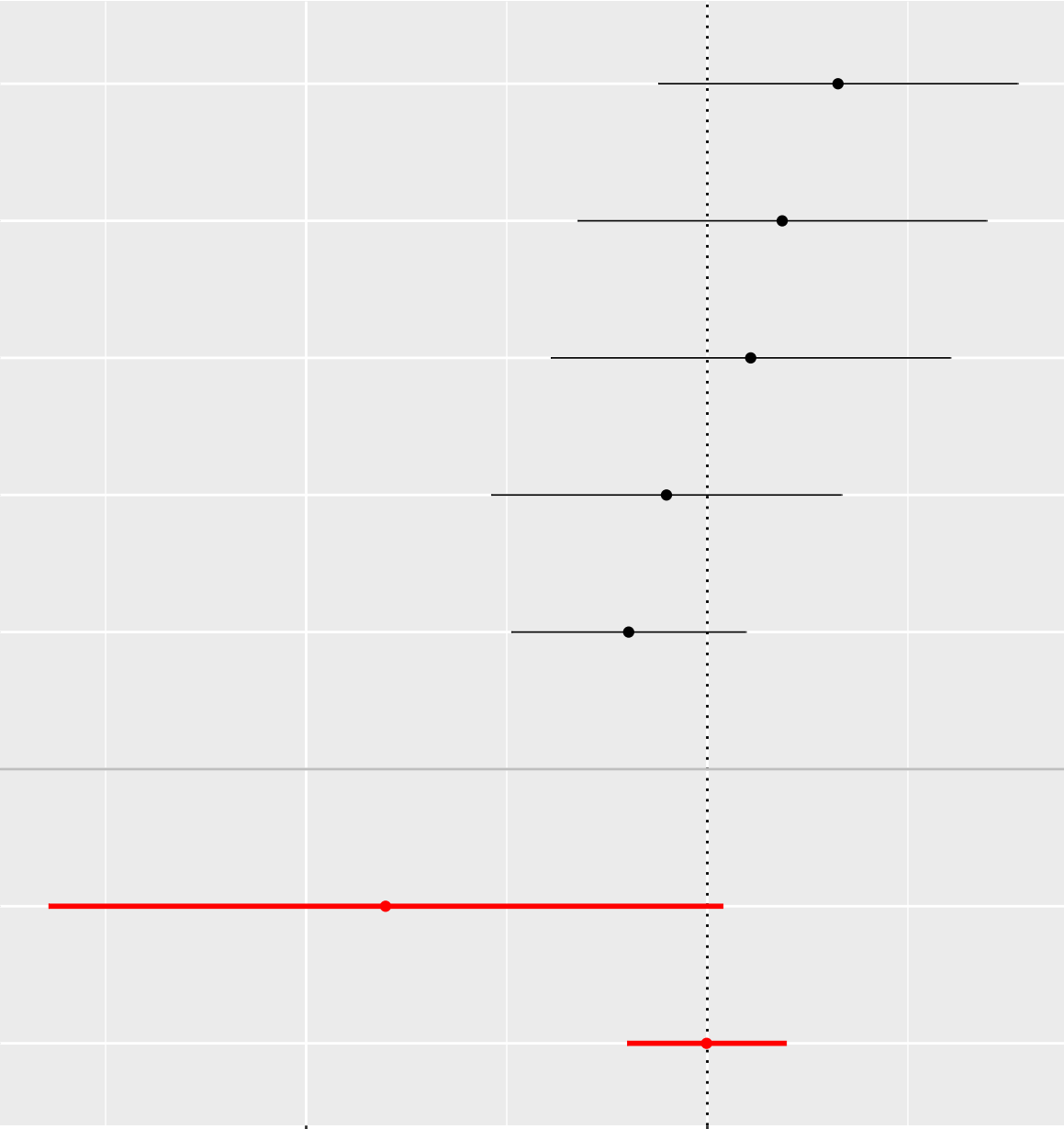
All – Egger

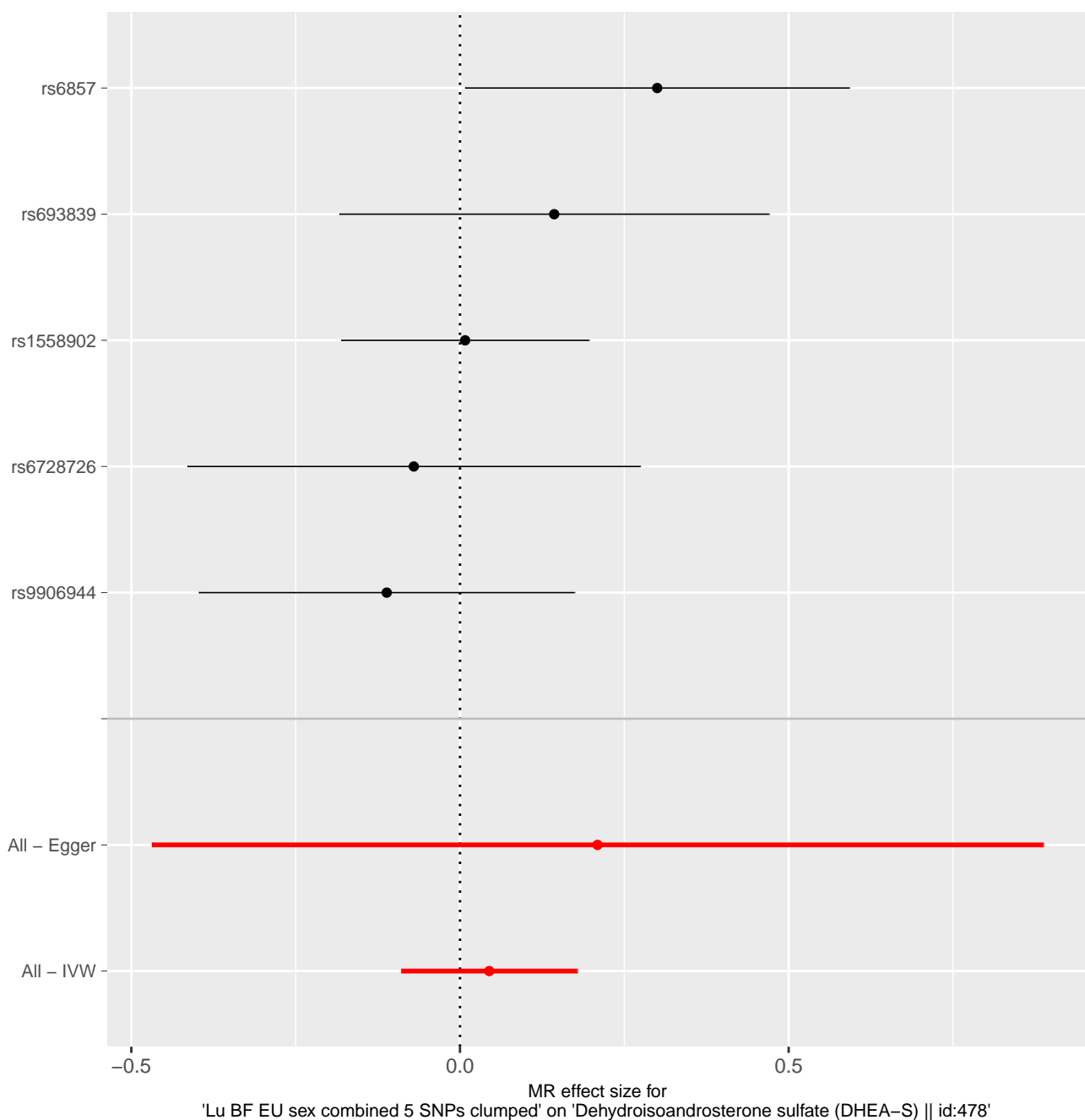
All – IVW

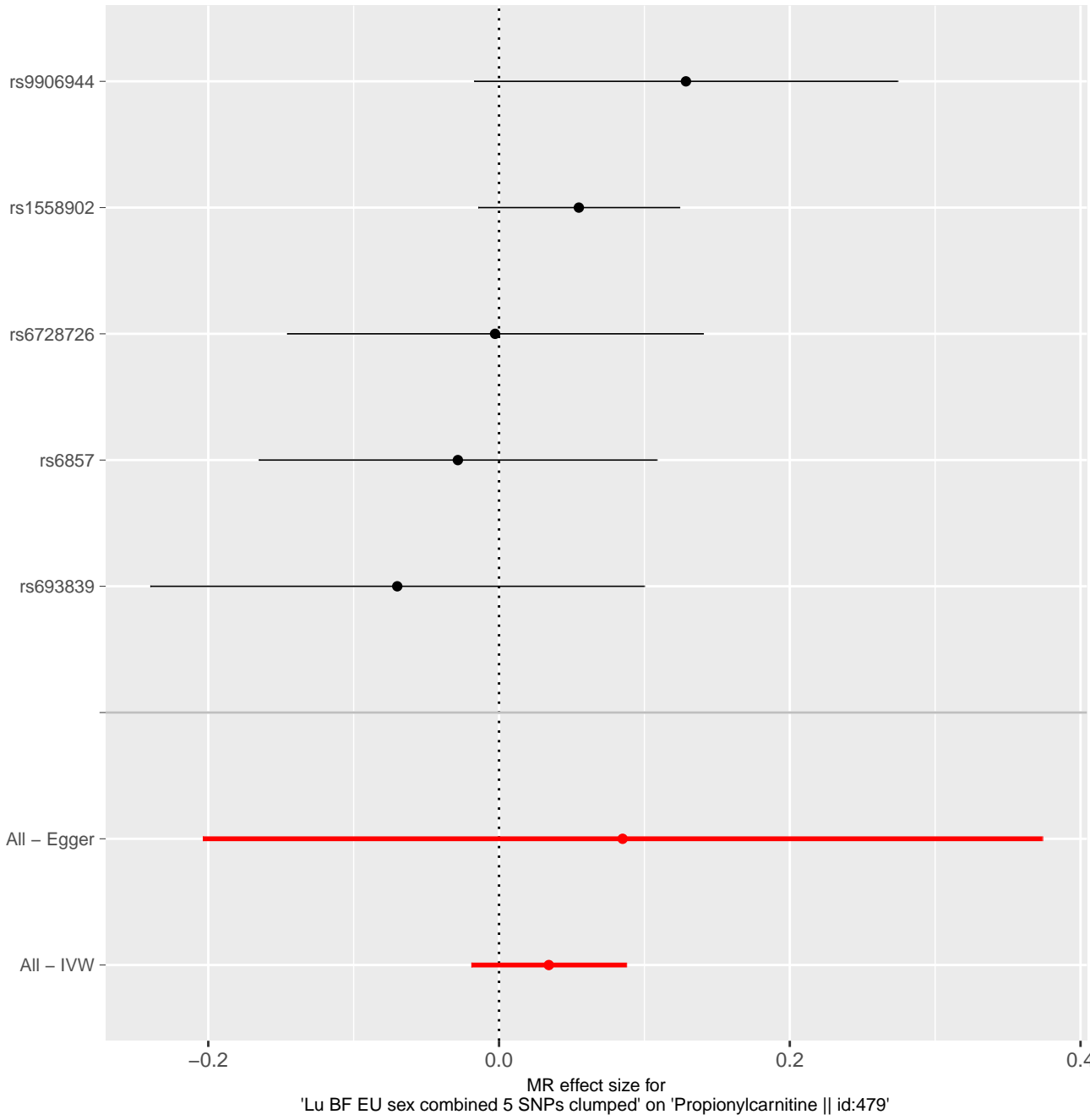
-0.5

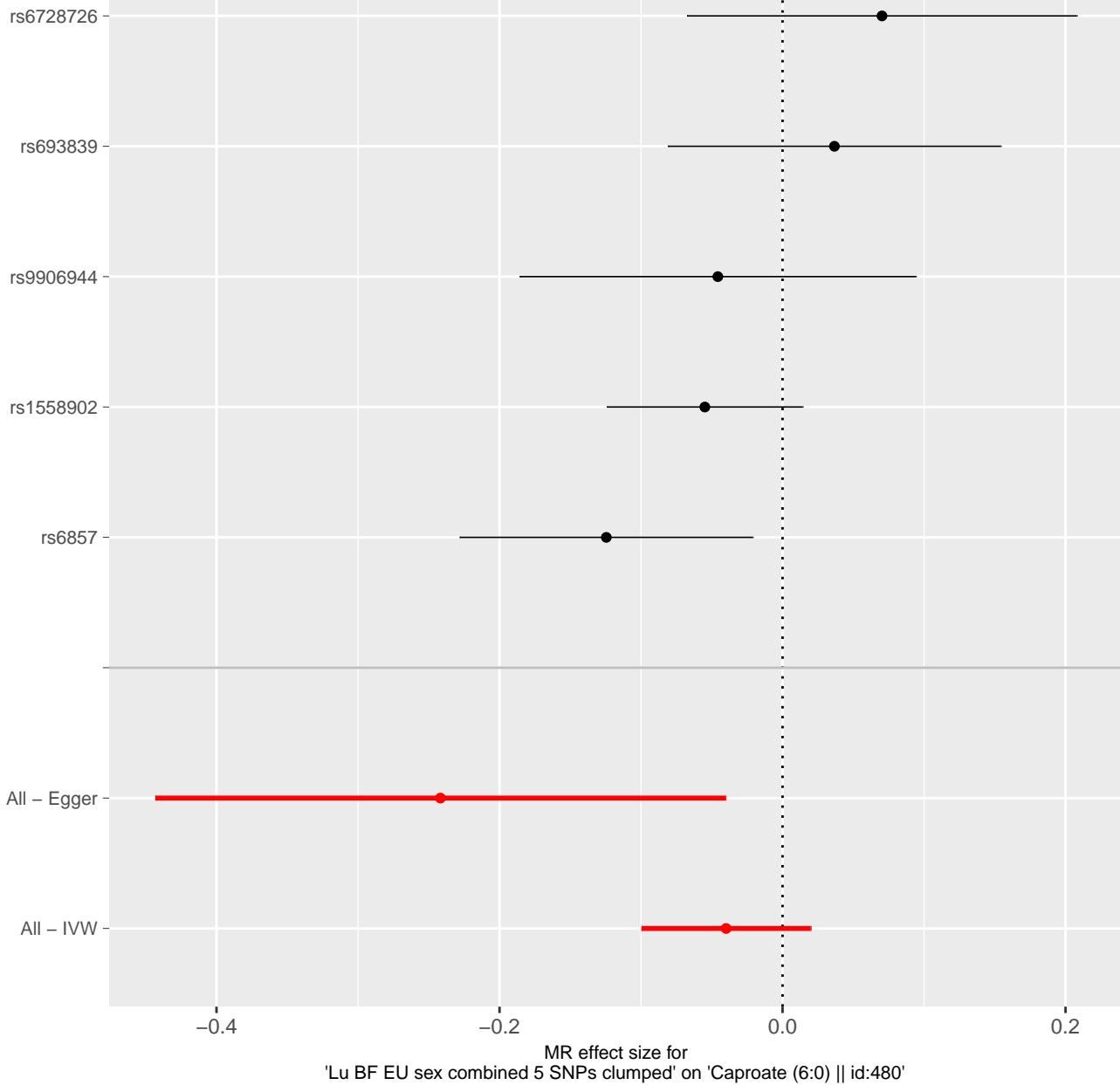
0.0

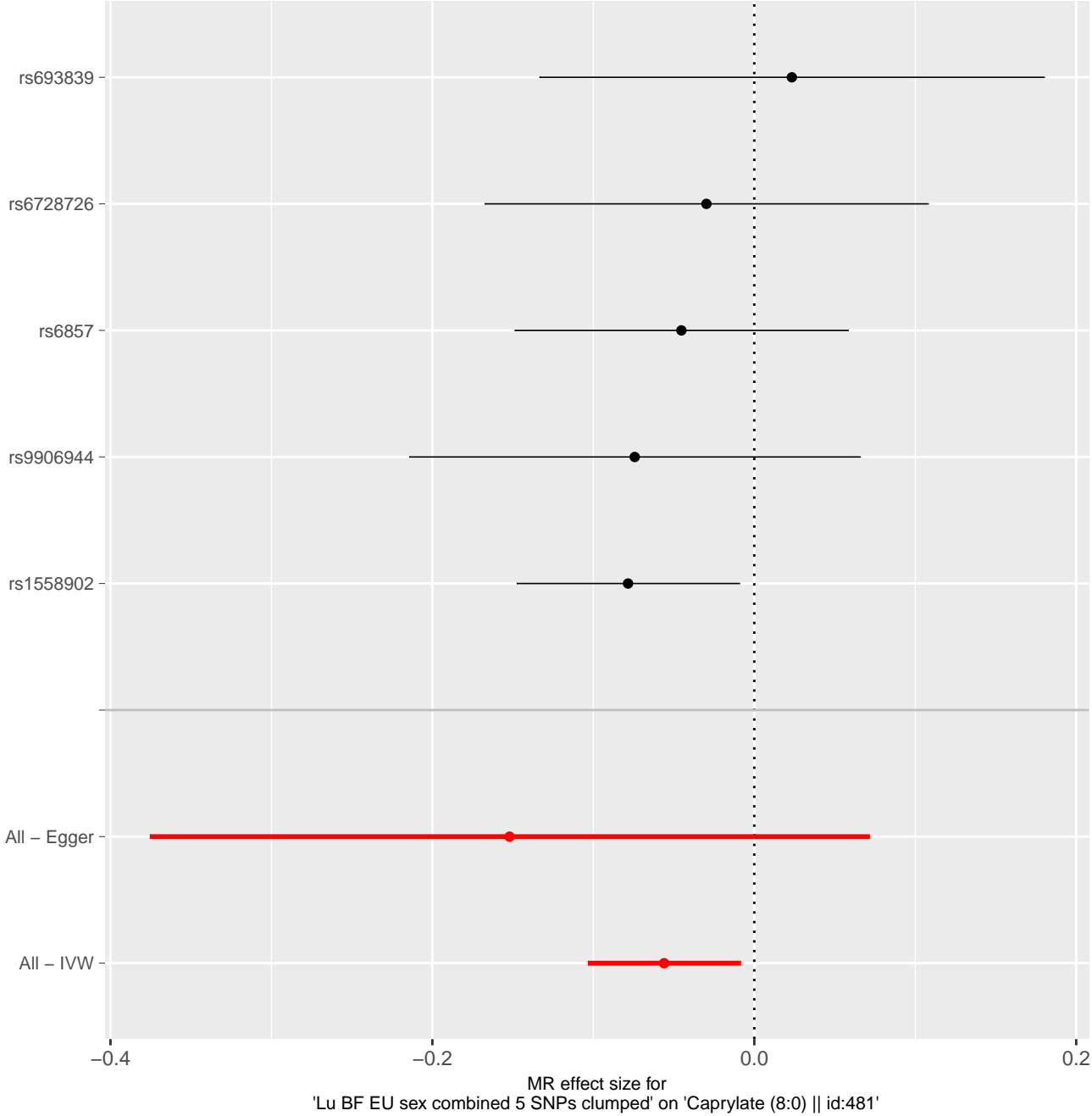
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Myristoleate (14:1n5) || id:477'

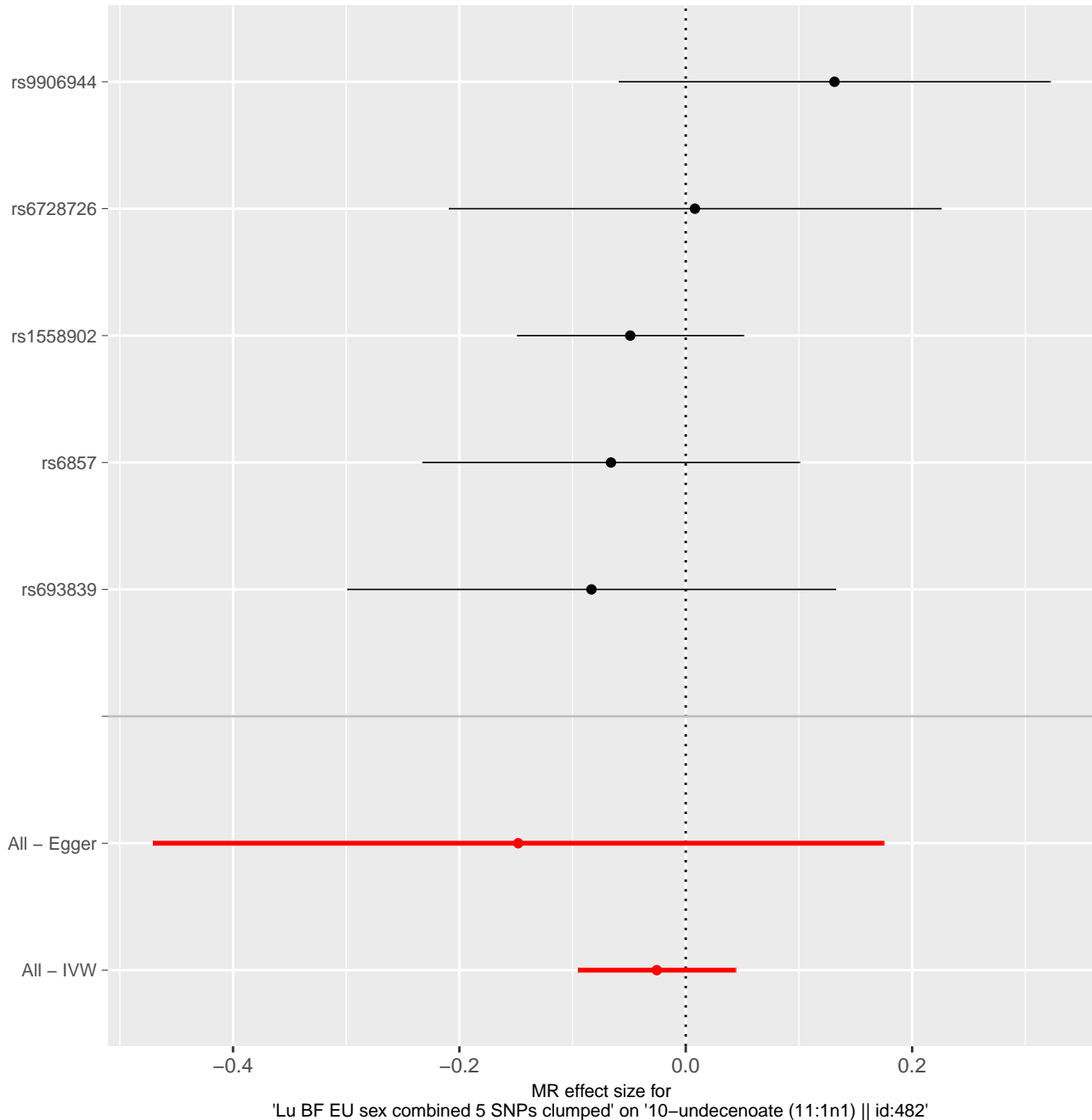


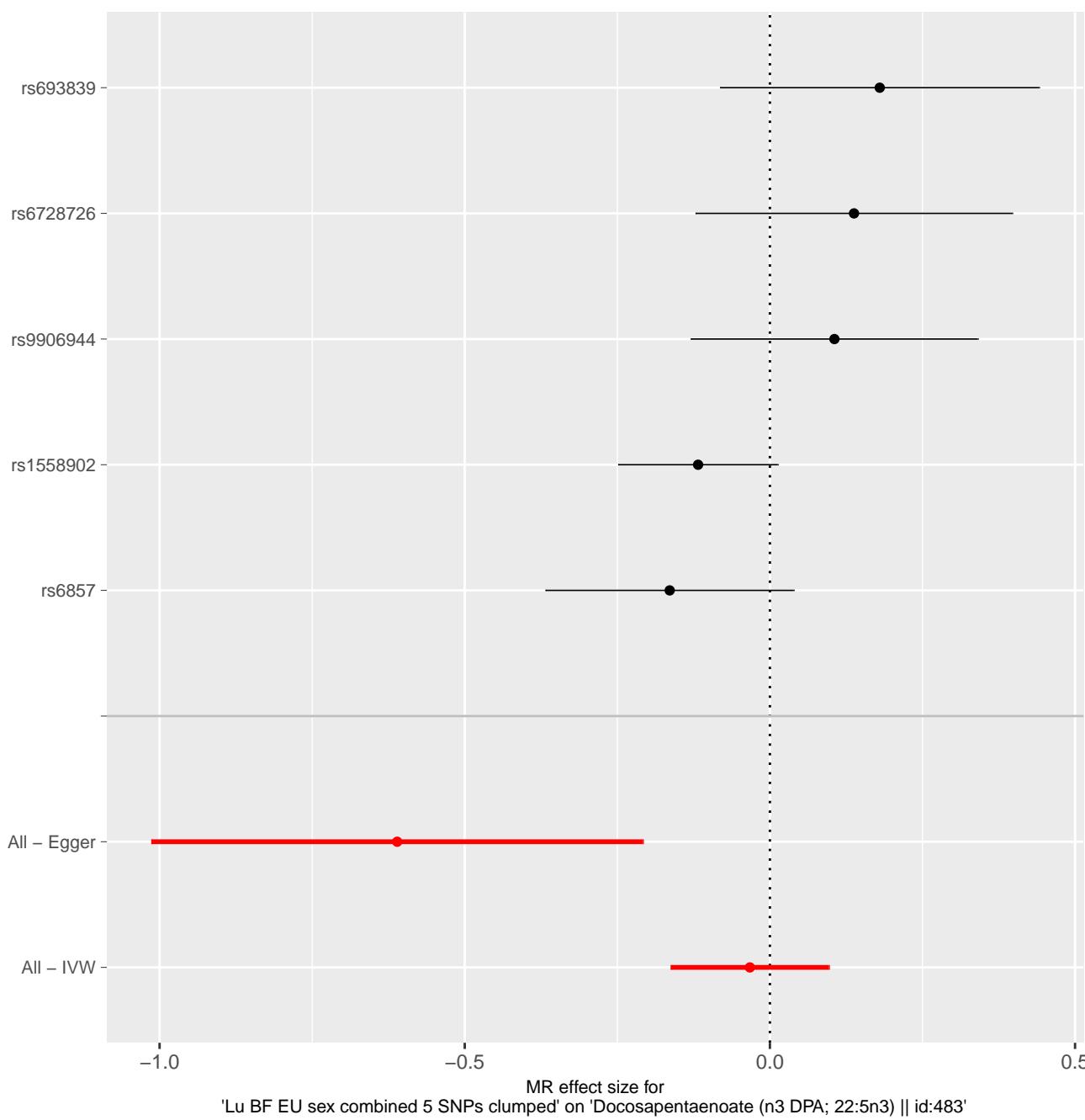












rs6728726

rs6857

rs1558902

rs9906944

rs693839

All – Egger

All – IVW

-0.2

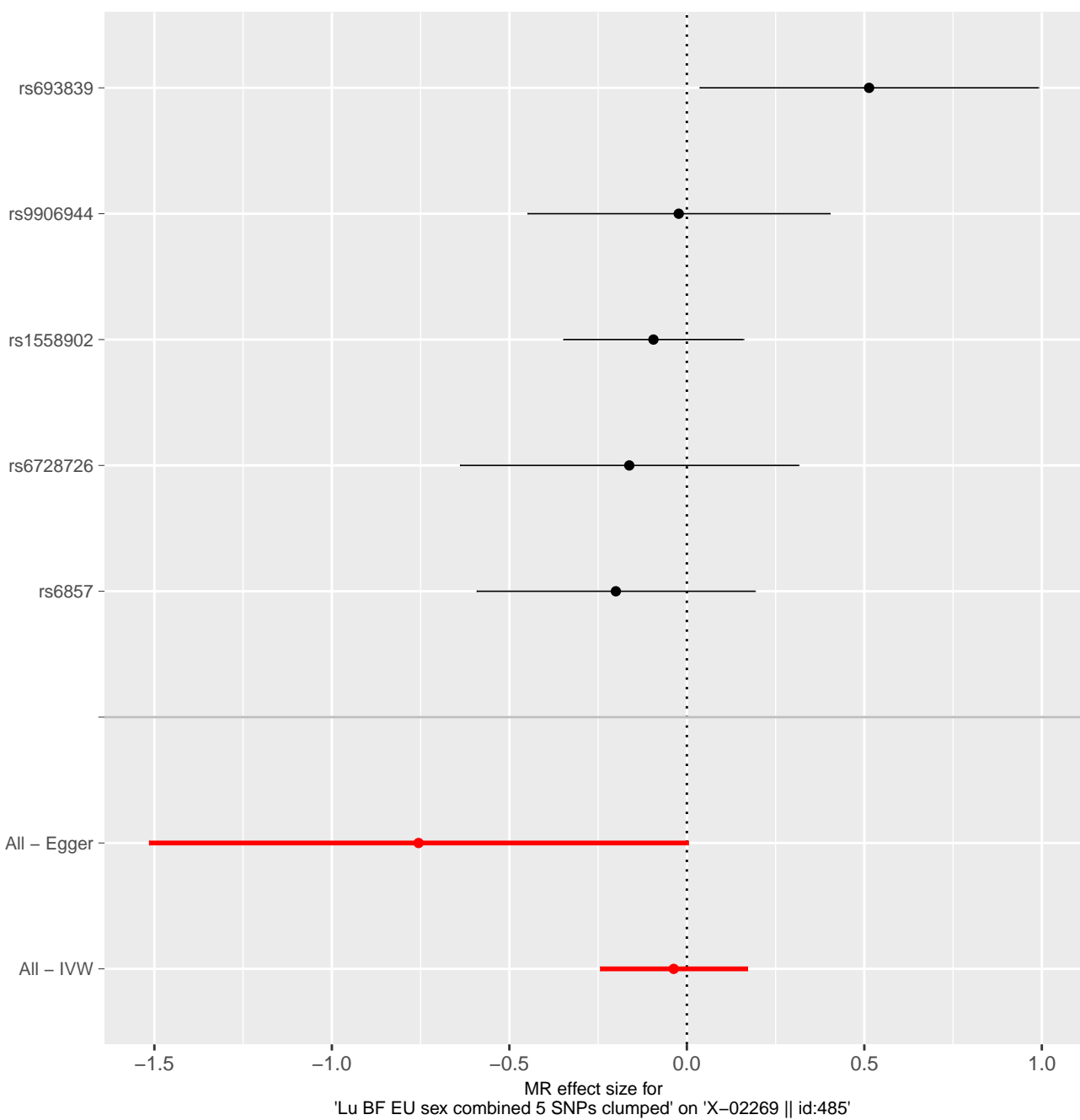
-0.1

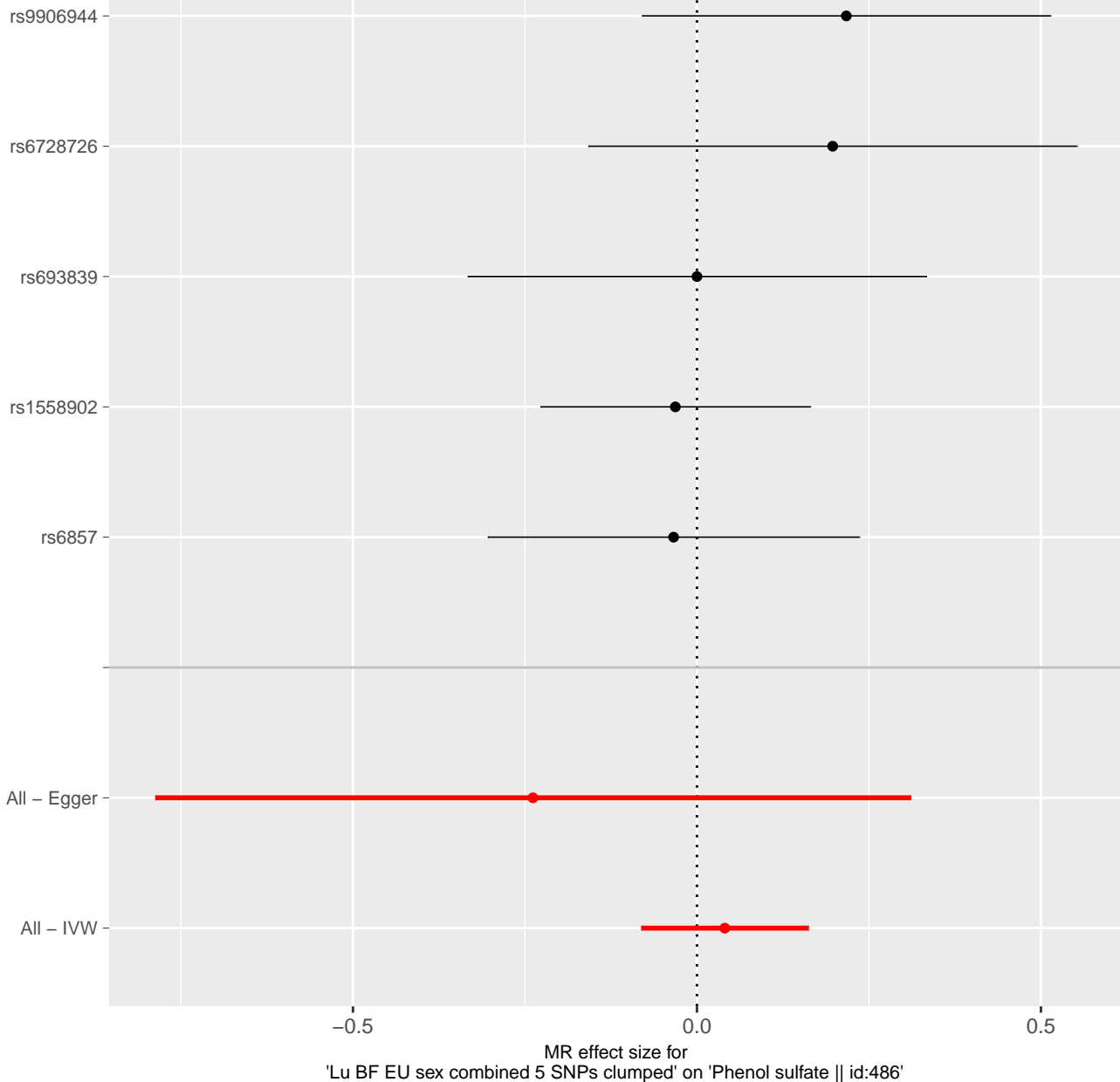
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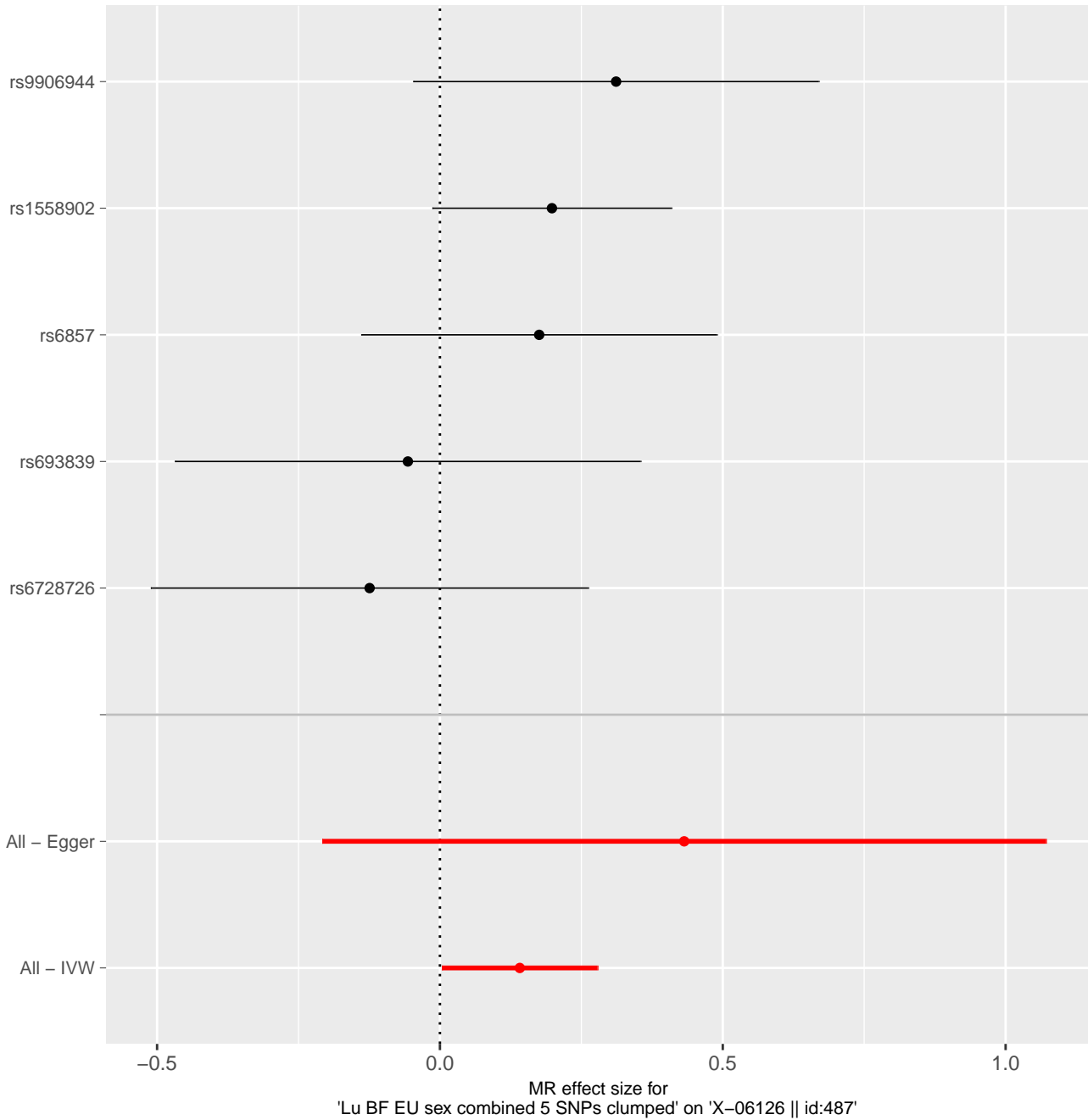
0.1

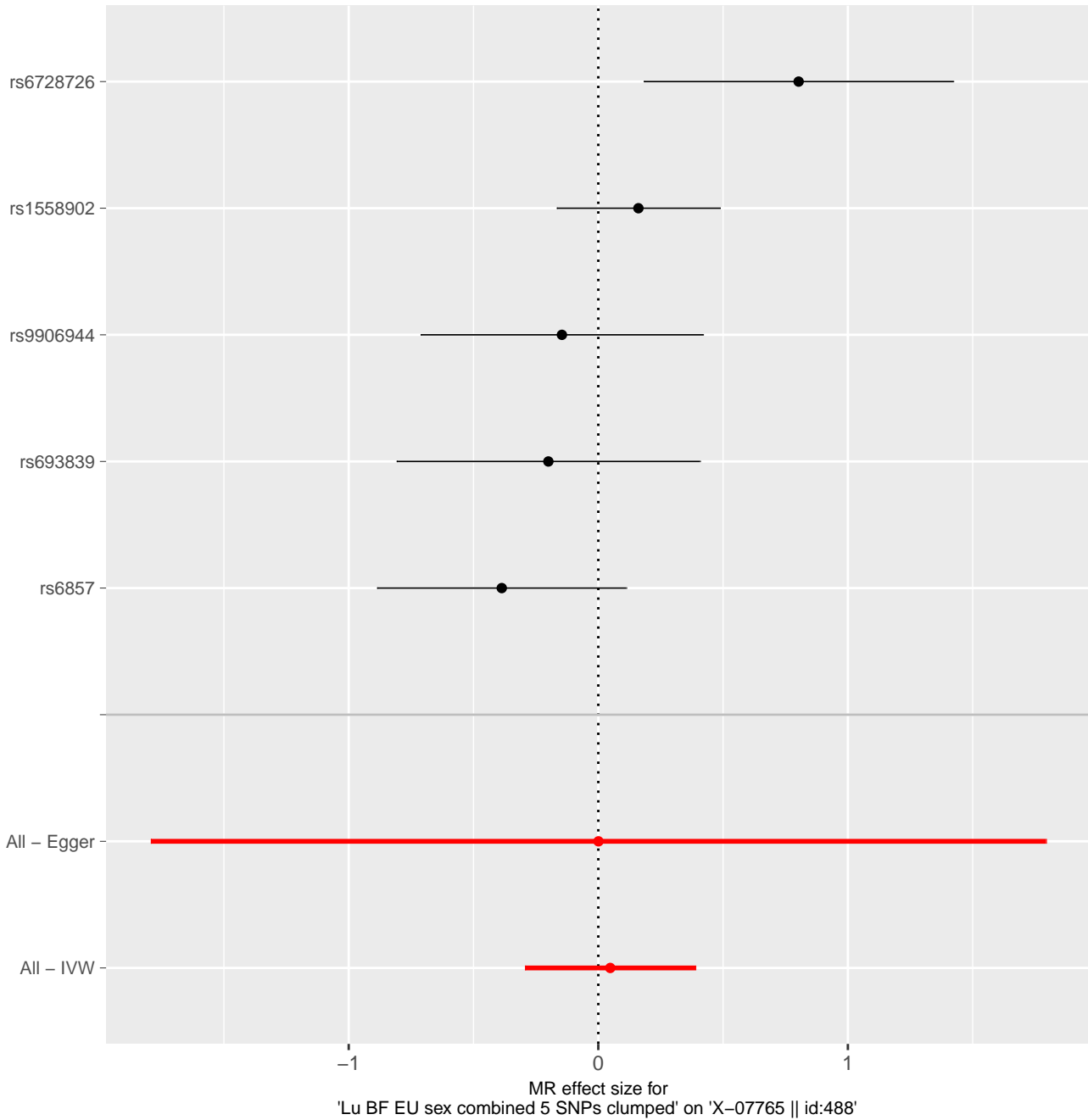
0.2

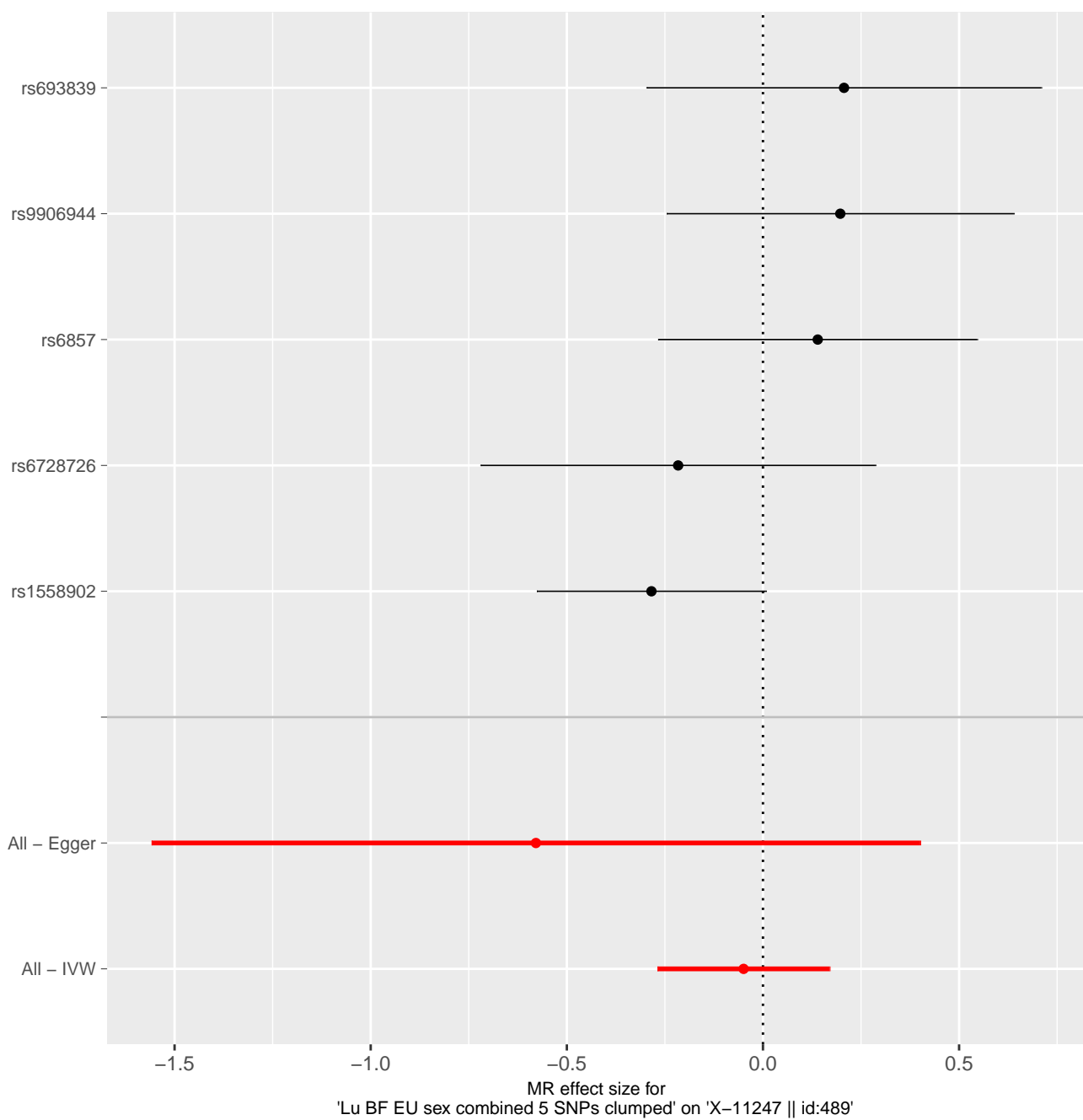
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11204 || id:484'

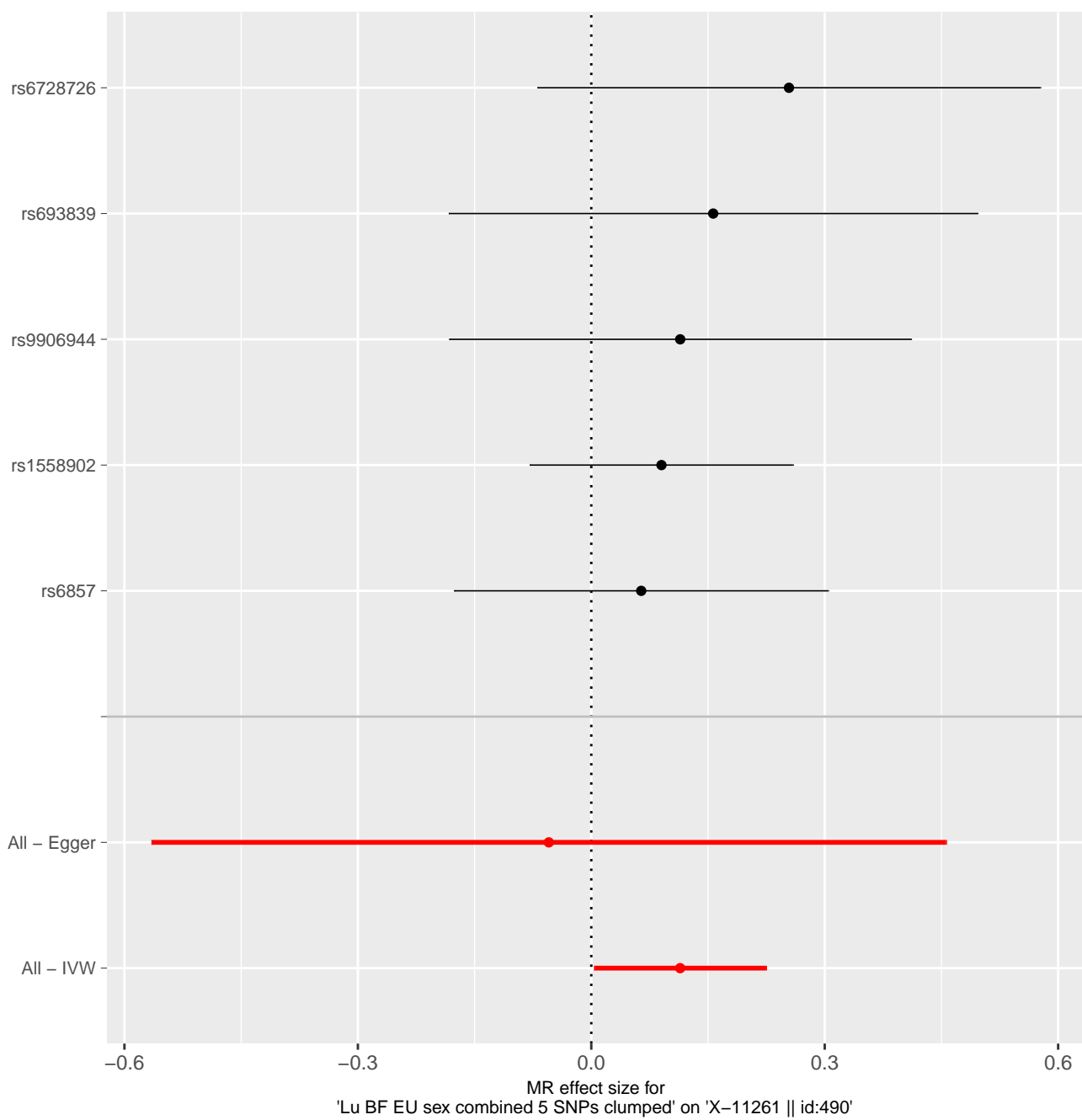


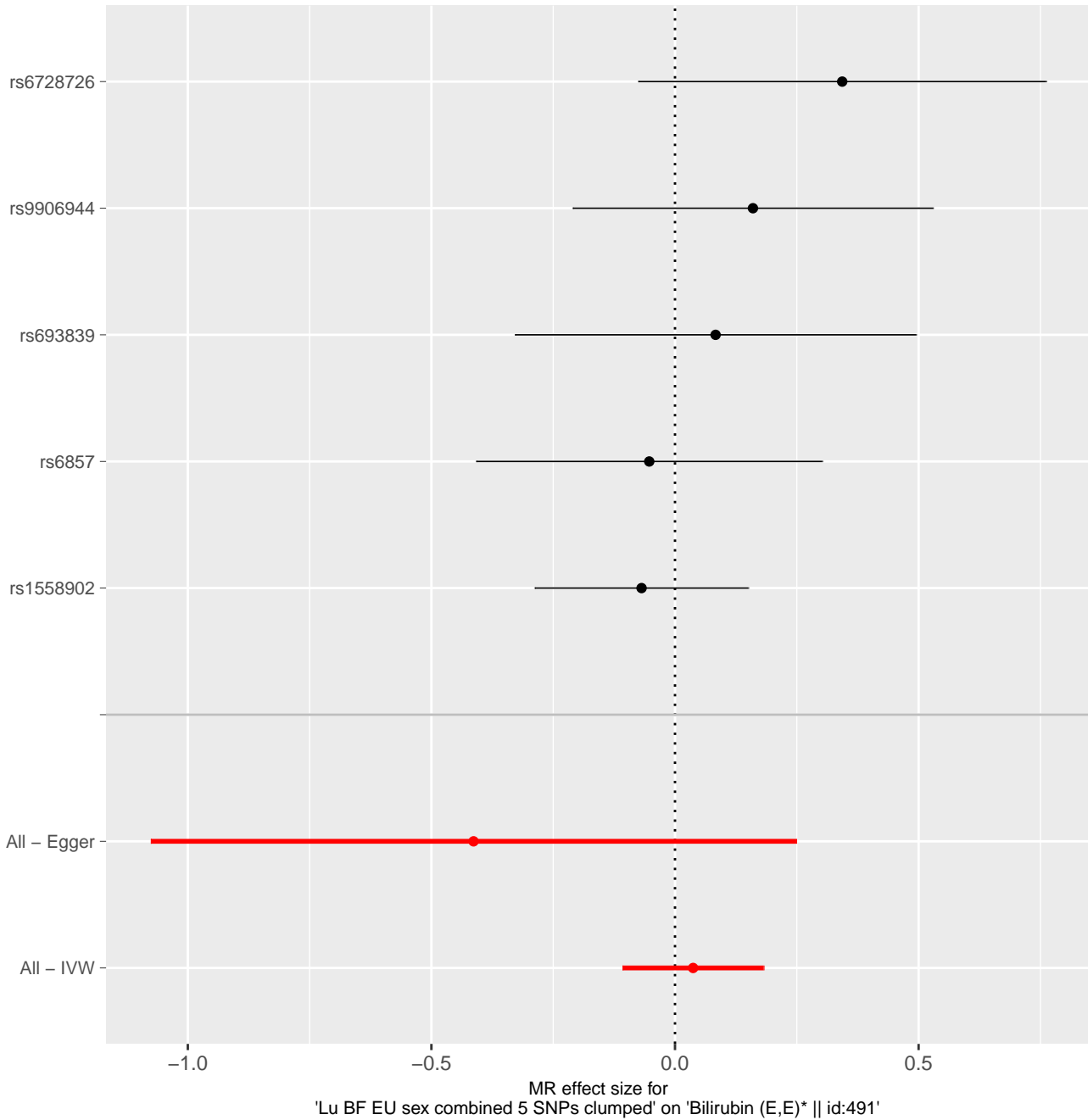


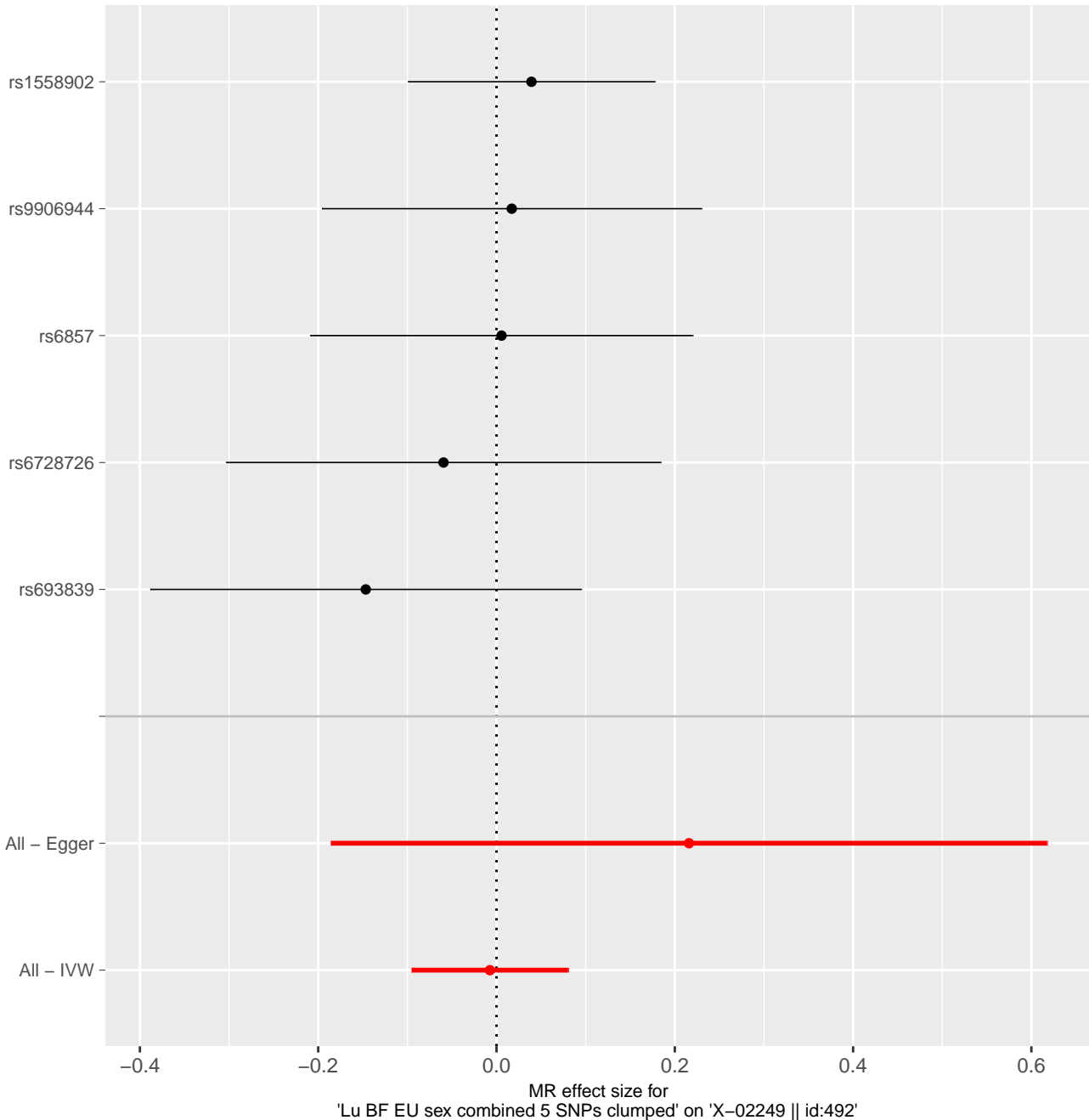


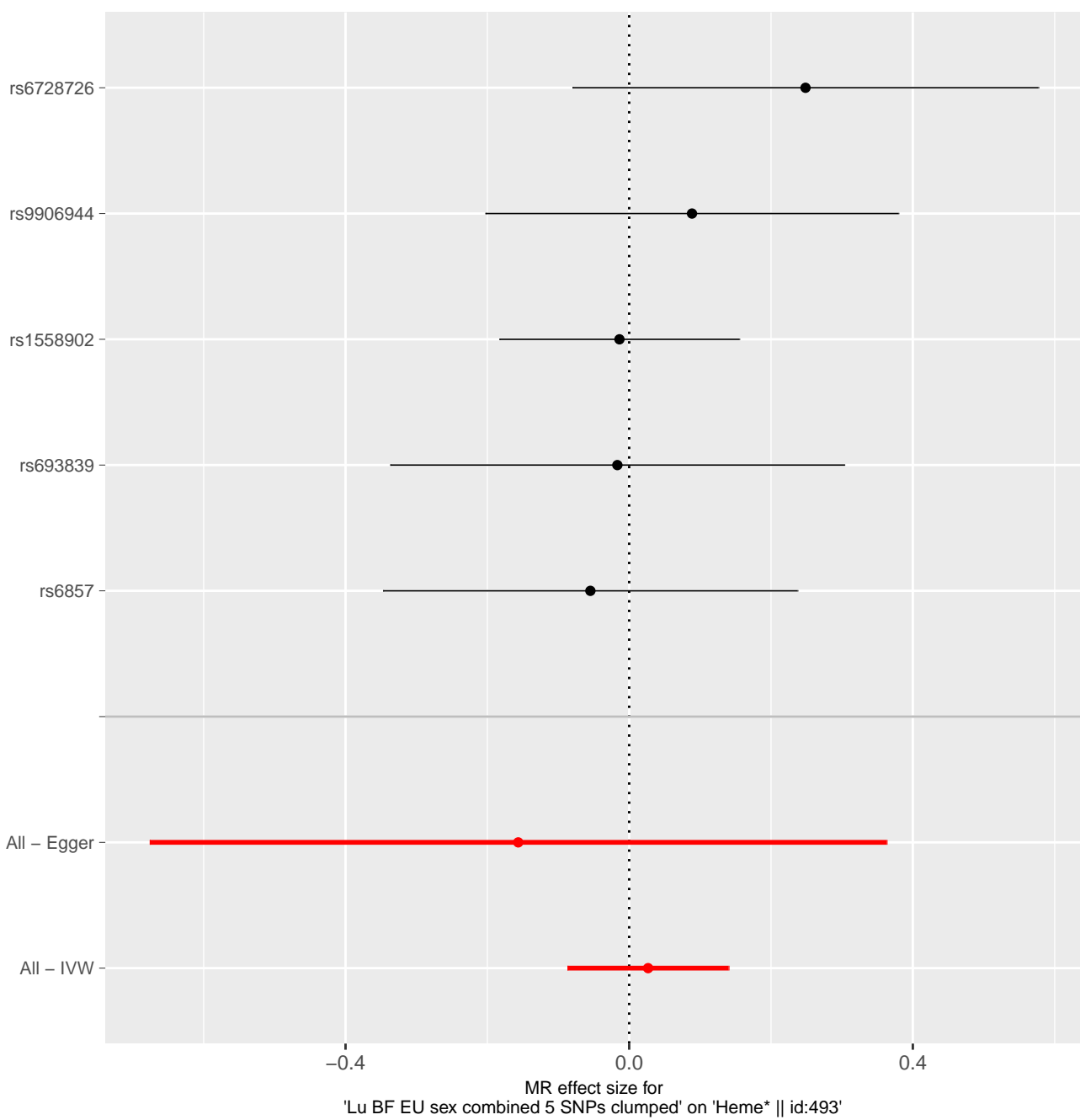












rs6857

rs9906944

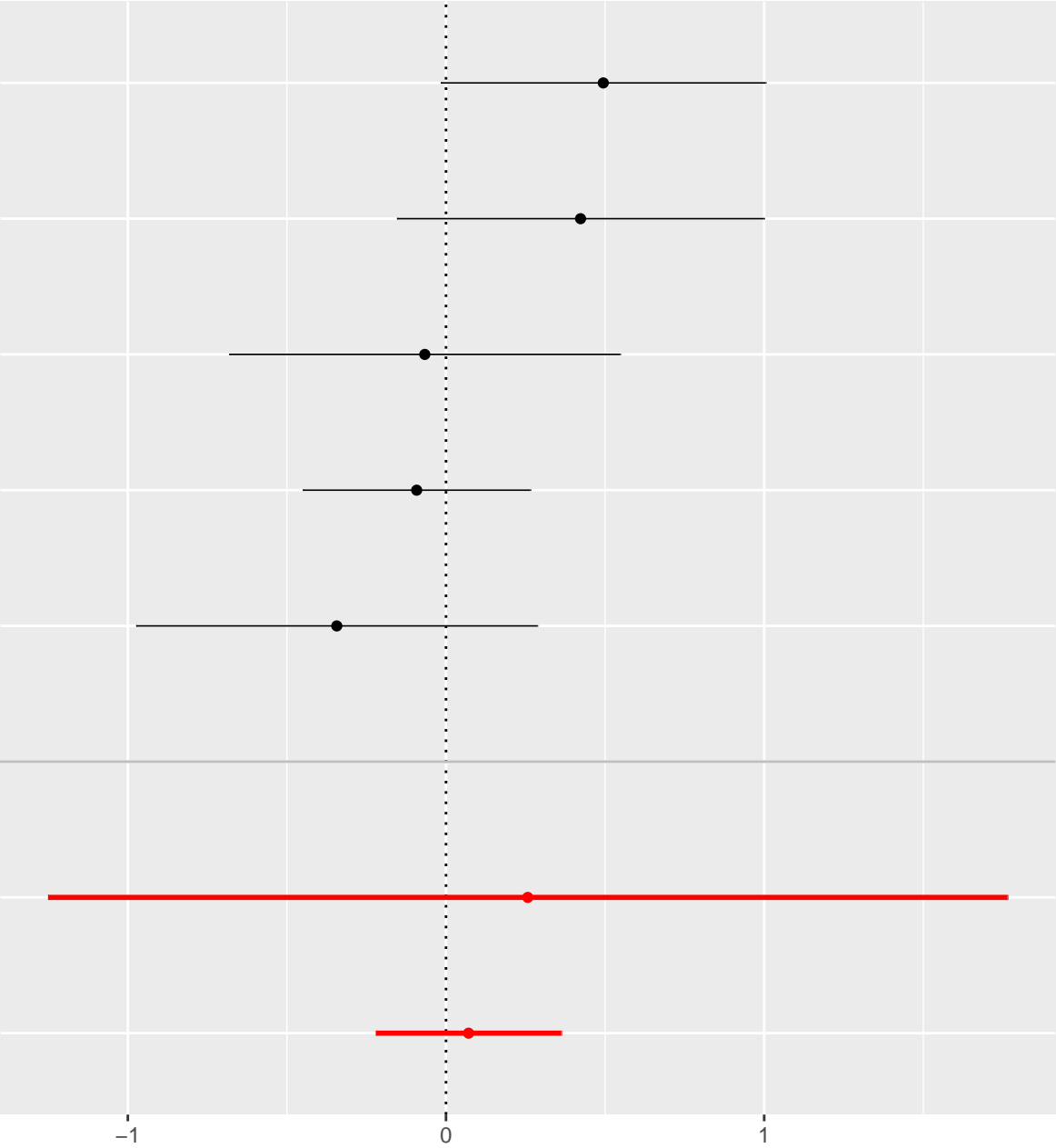
rs693839

rs1558902

rs6728726

All – Egger

All – IVW



rs9906944

rs6857

rs1558902

rs693839

rs6728726

All – Egger

All – IVW

–0.25

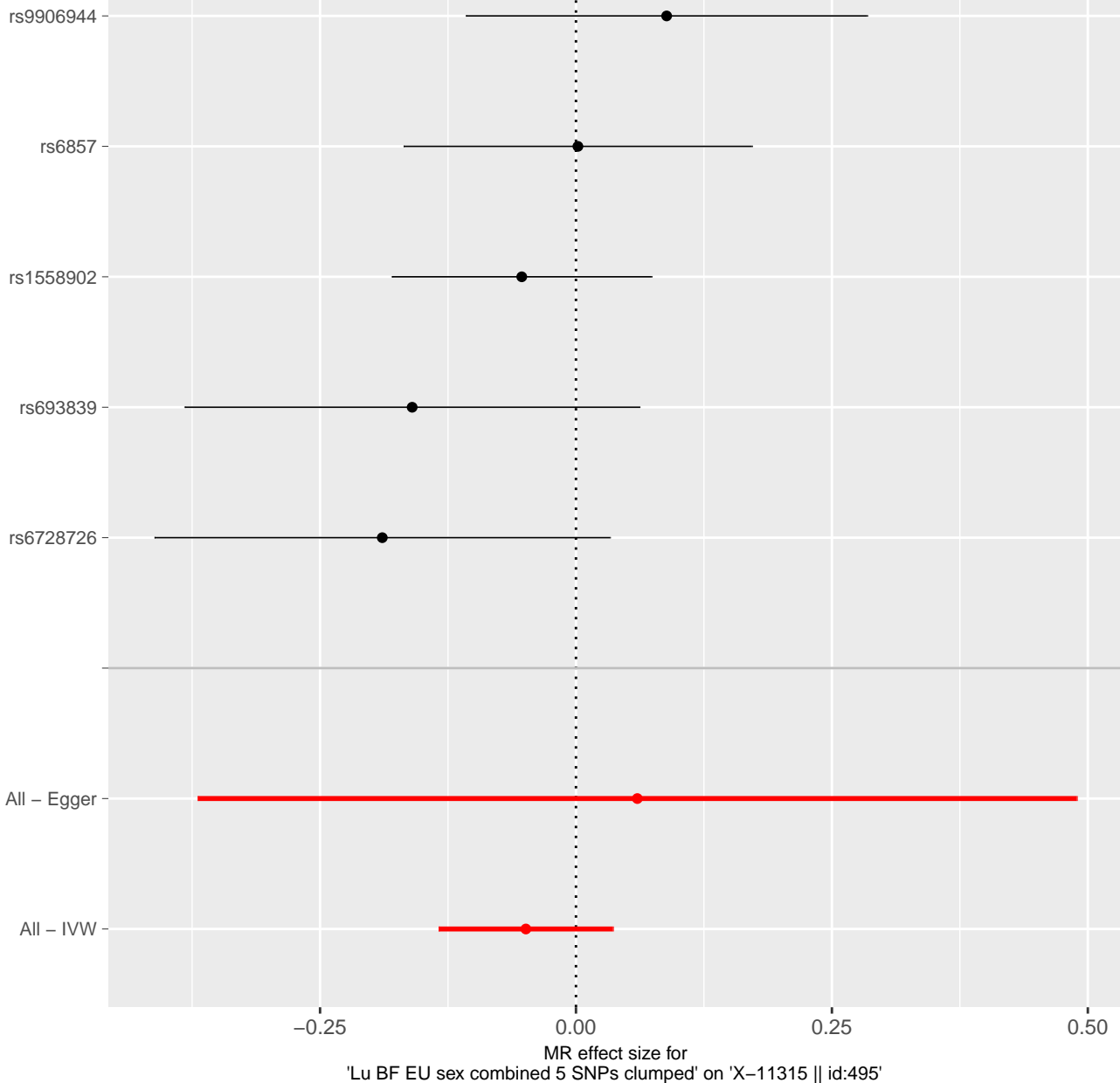
0.00

0.25

0.50

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'X-11315 || id:495'



rs6728726

rs693839

rs6857

rs9906944

rs1558902

All – Egger

All – IVW

–0.3

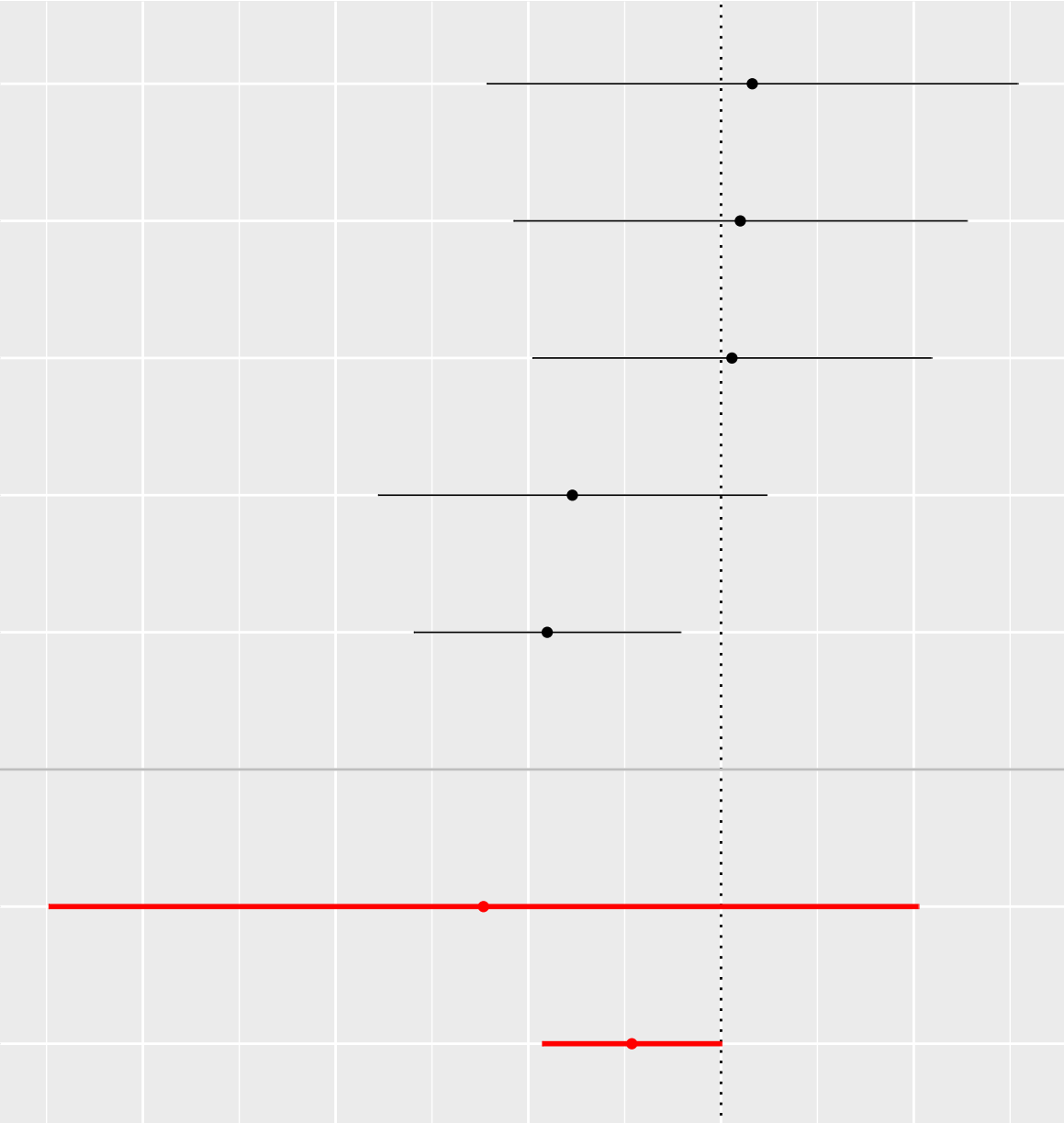
–0.2

–0.1

0.0

0.1

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11317 || id:496'



rs1558902

rs693839

rs6857

rs6728726

rs9906944

All – Egger

All – IVW

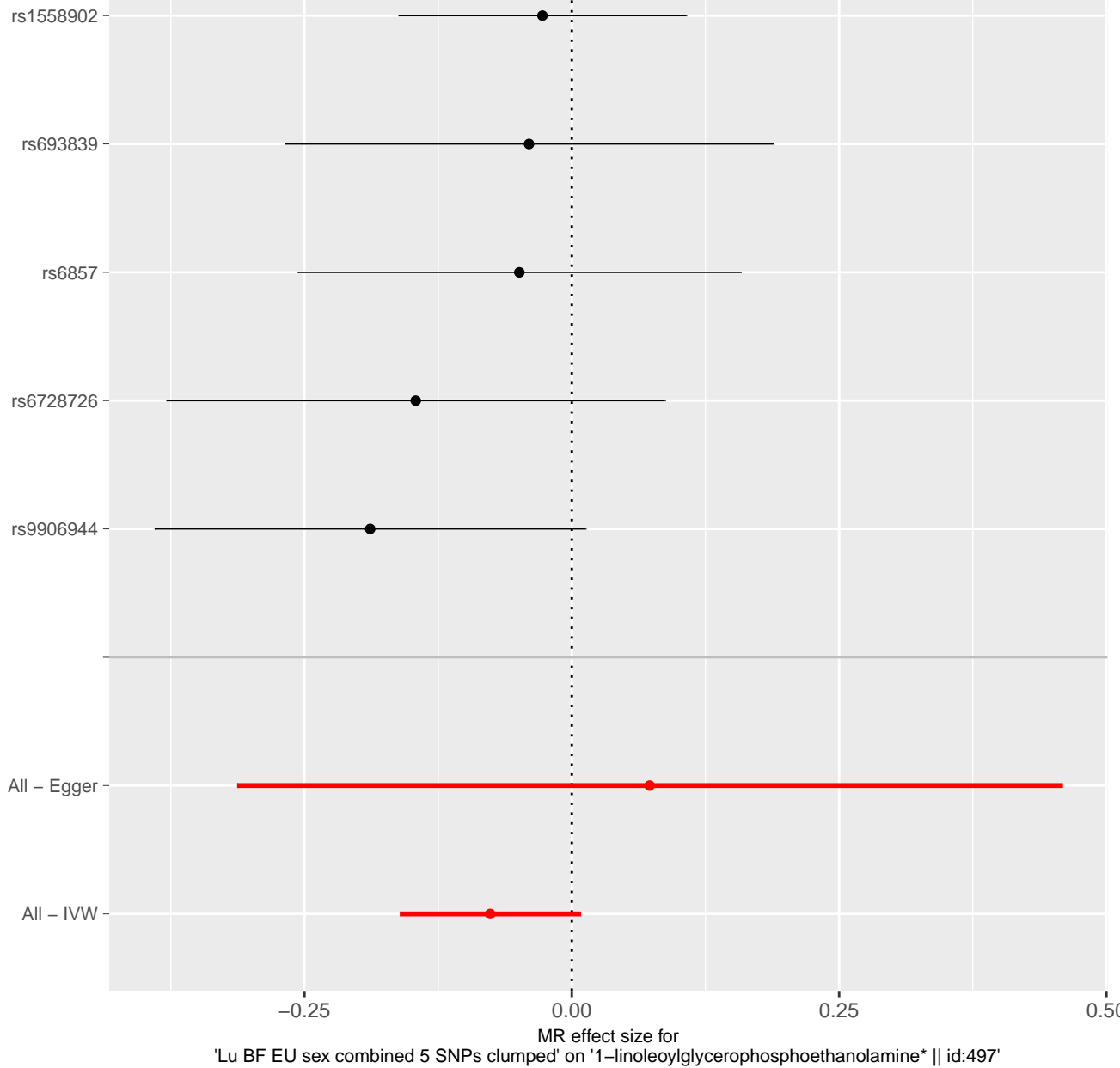
–0.25

0.00

0.25

0.50

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on '1-linoleoylglycerophosphoethanolamine* || id:497'



rs6857

rs693839

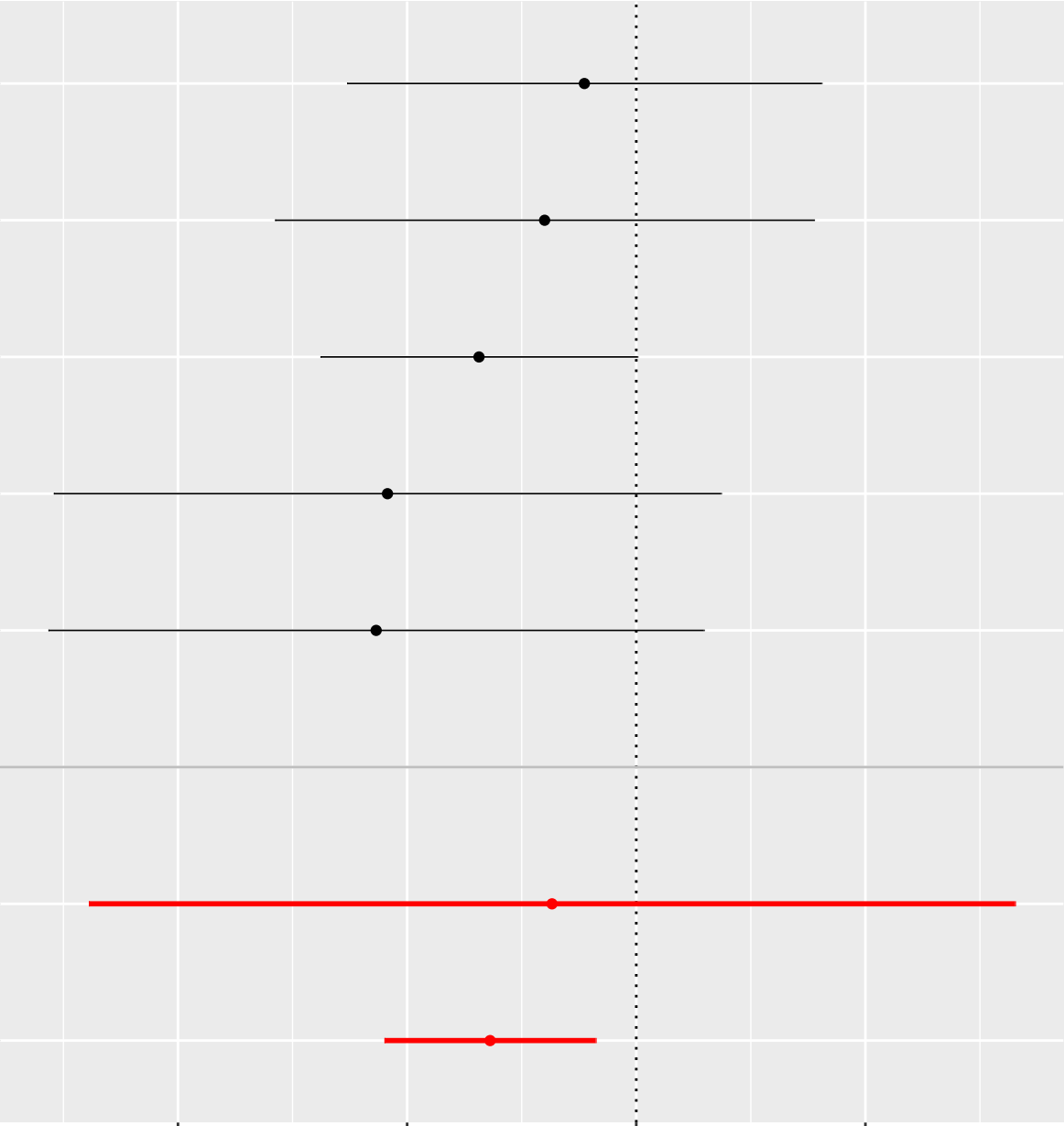
rs1558902

rs9906944

rs6728726

All – Egger

All – IVW



MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11327 || id:498'

rs1558902

rs6728726

rs6857

rs9906944

rs693839

All – Egger

All – IVW

–0.25

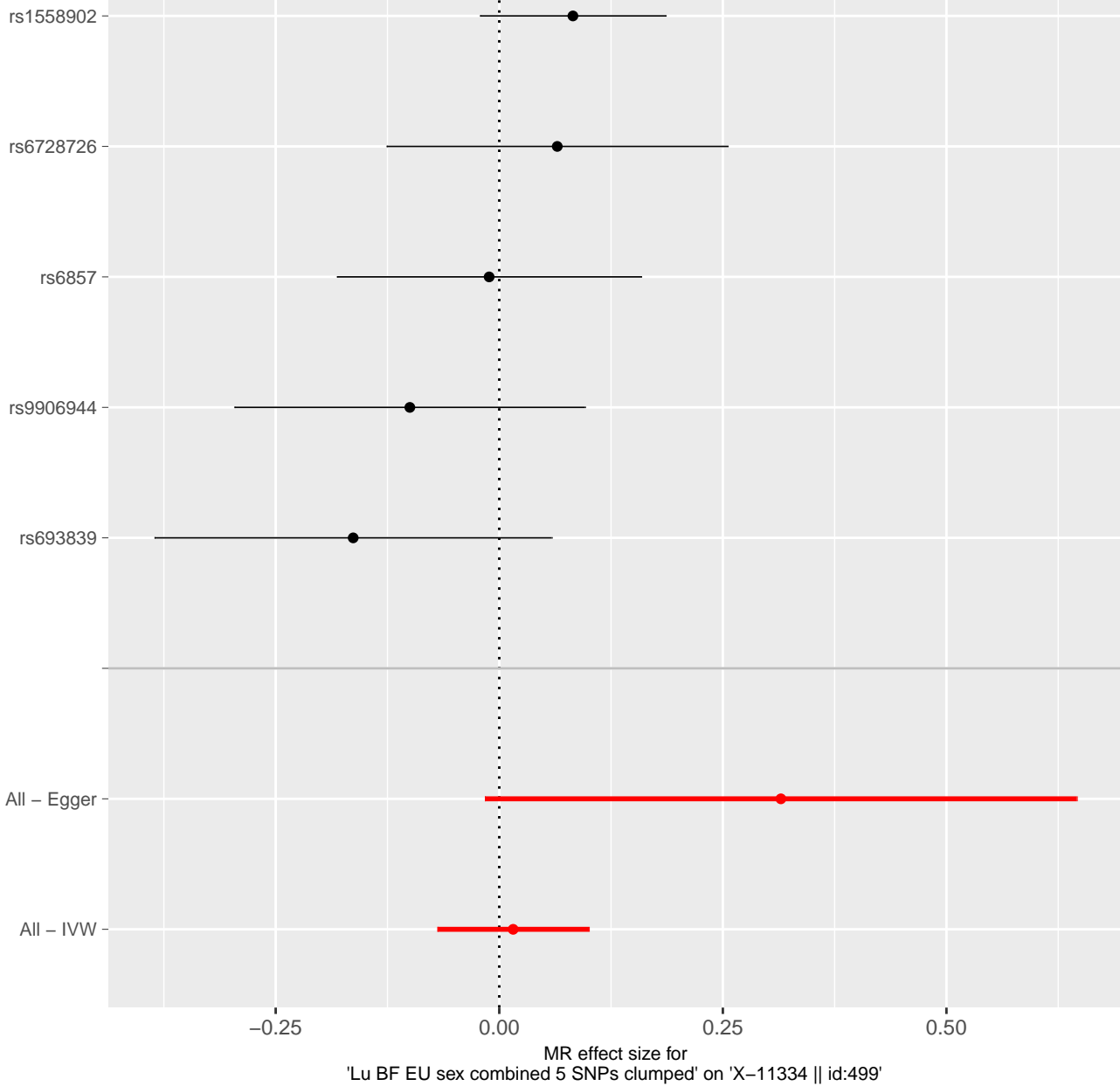
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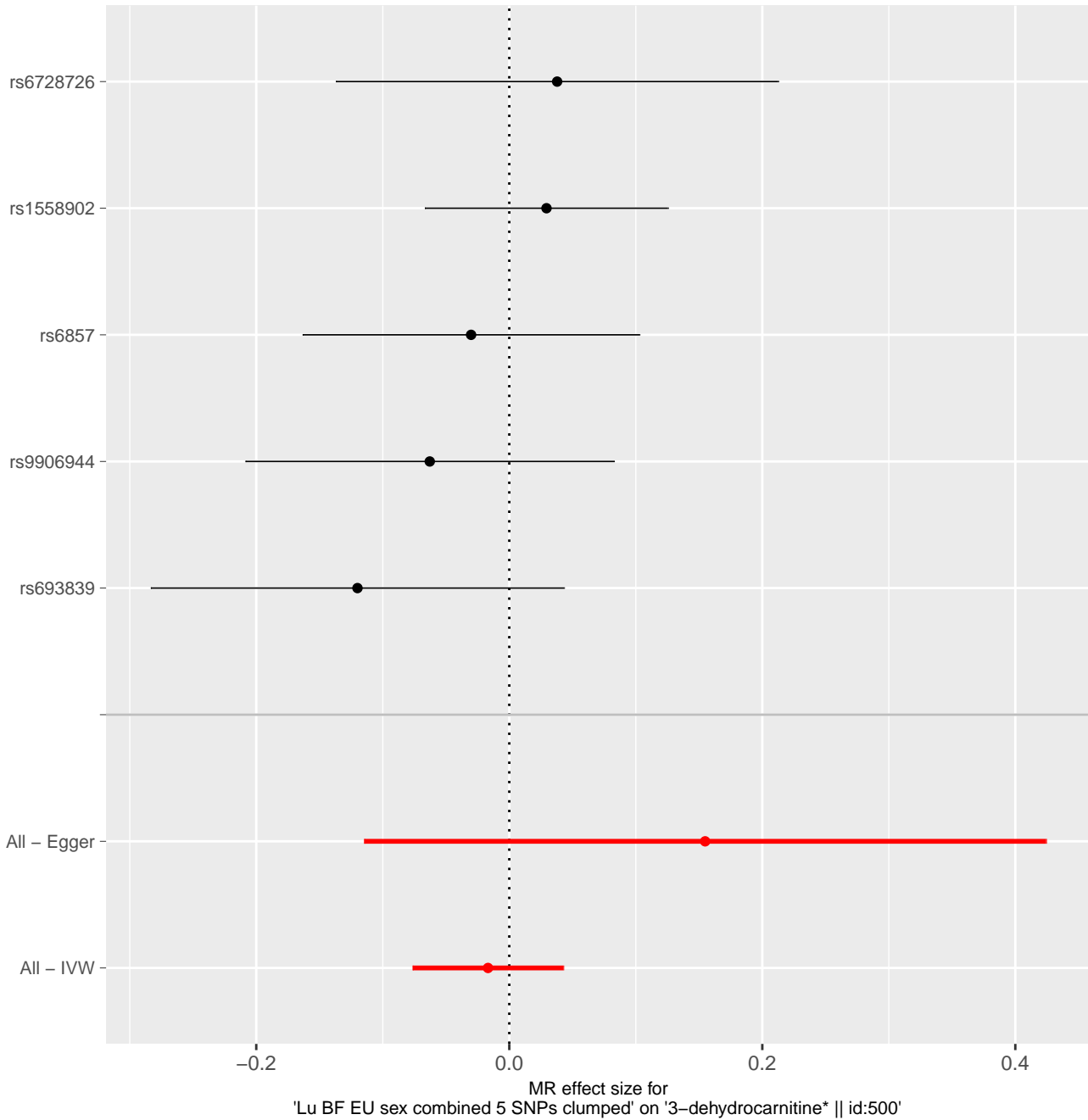
0.25

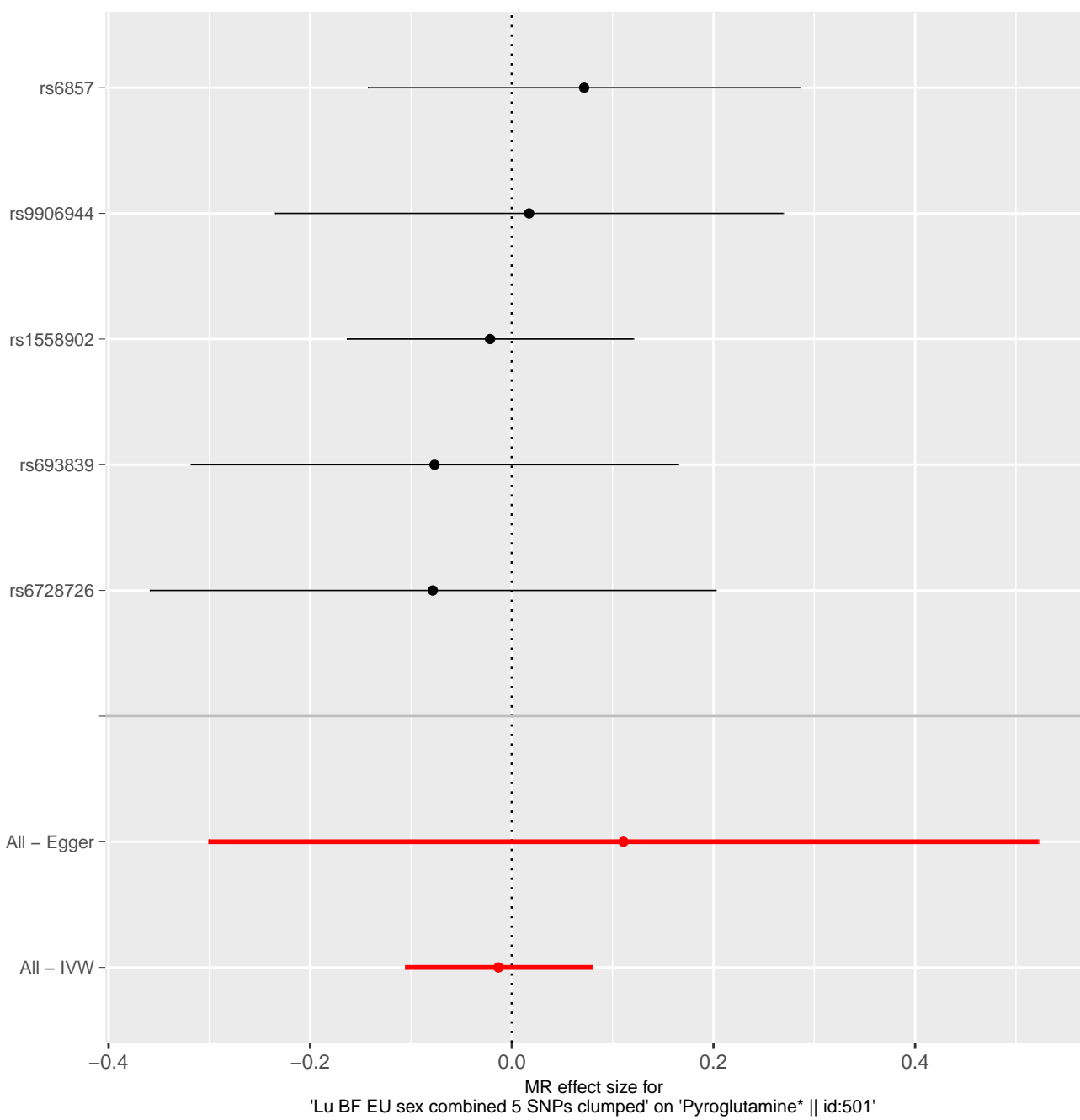
0.50

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'X-11334 || id:499'







rs9906944

rs1558902

rs6857

rs693839

rs6728726

All – Egger

All – IVW

-0.1

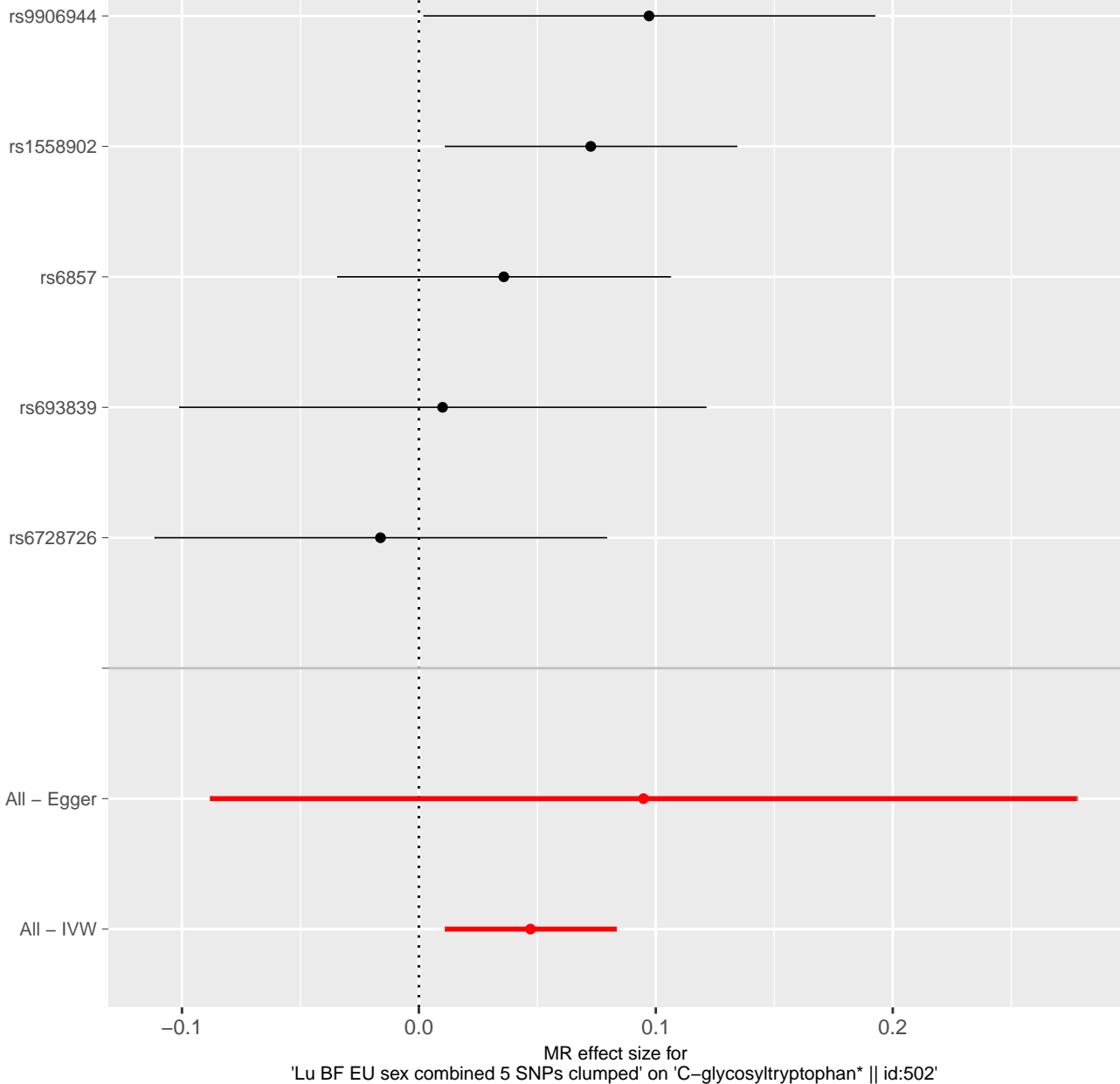
0.0

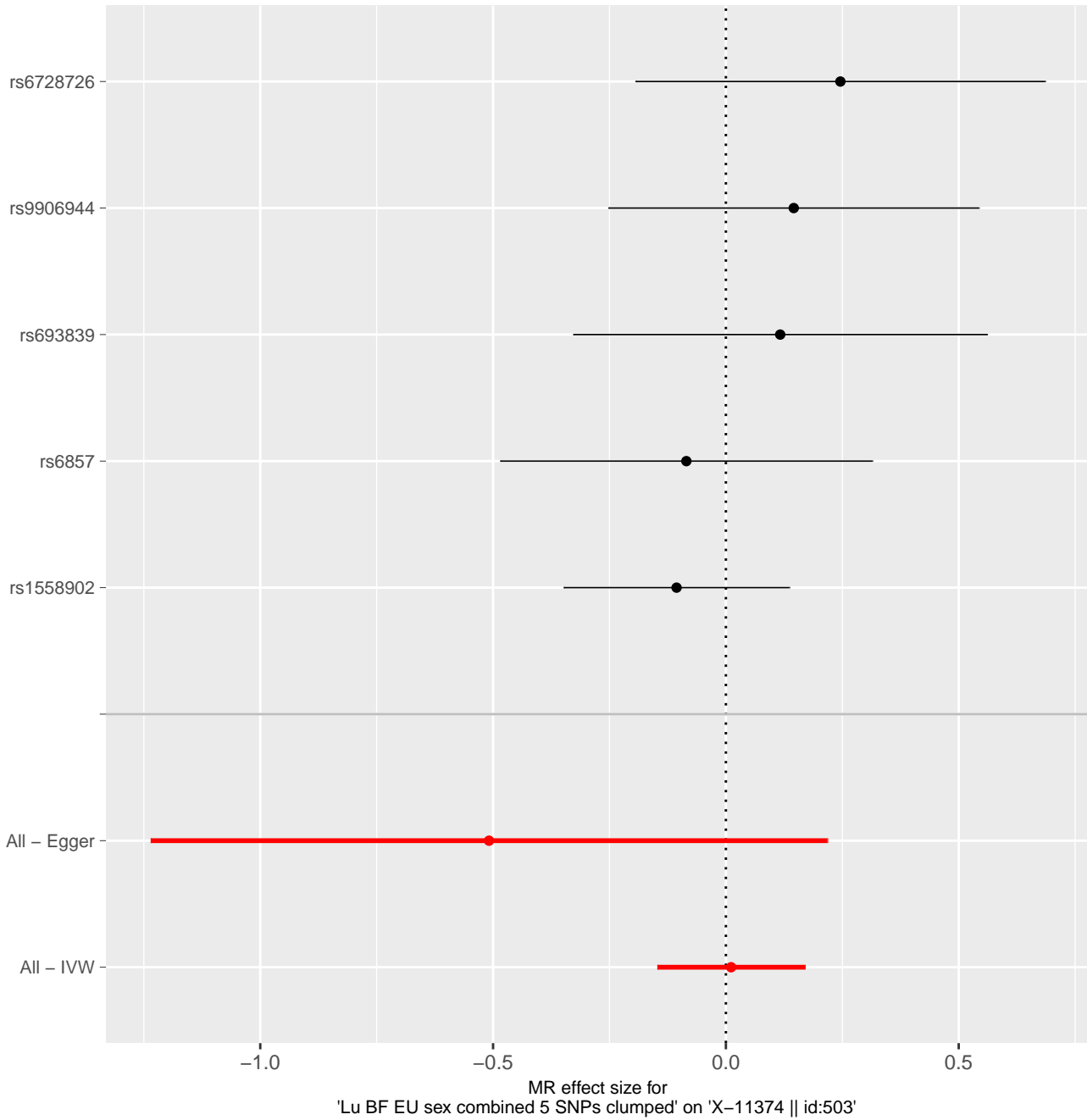
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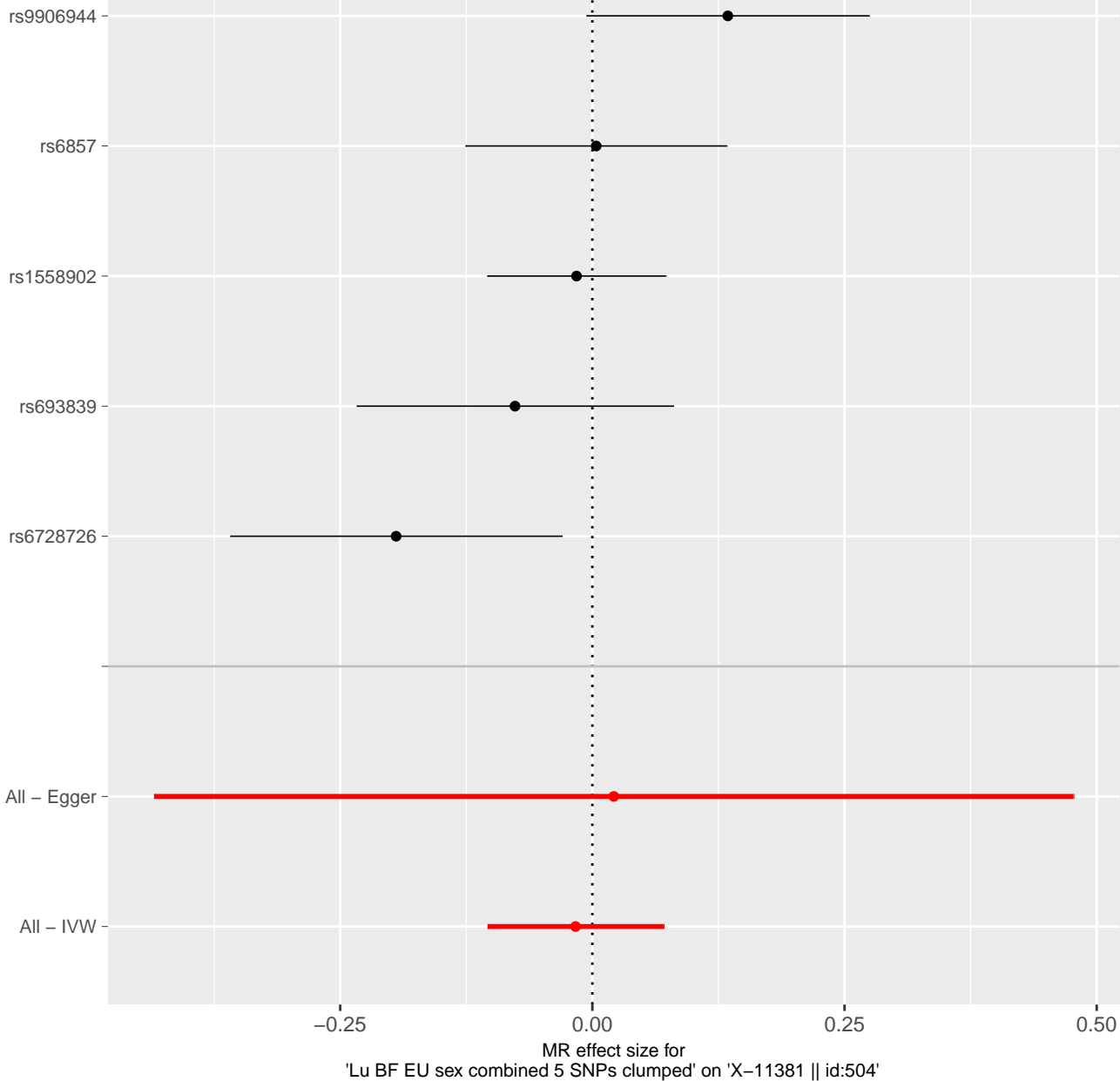
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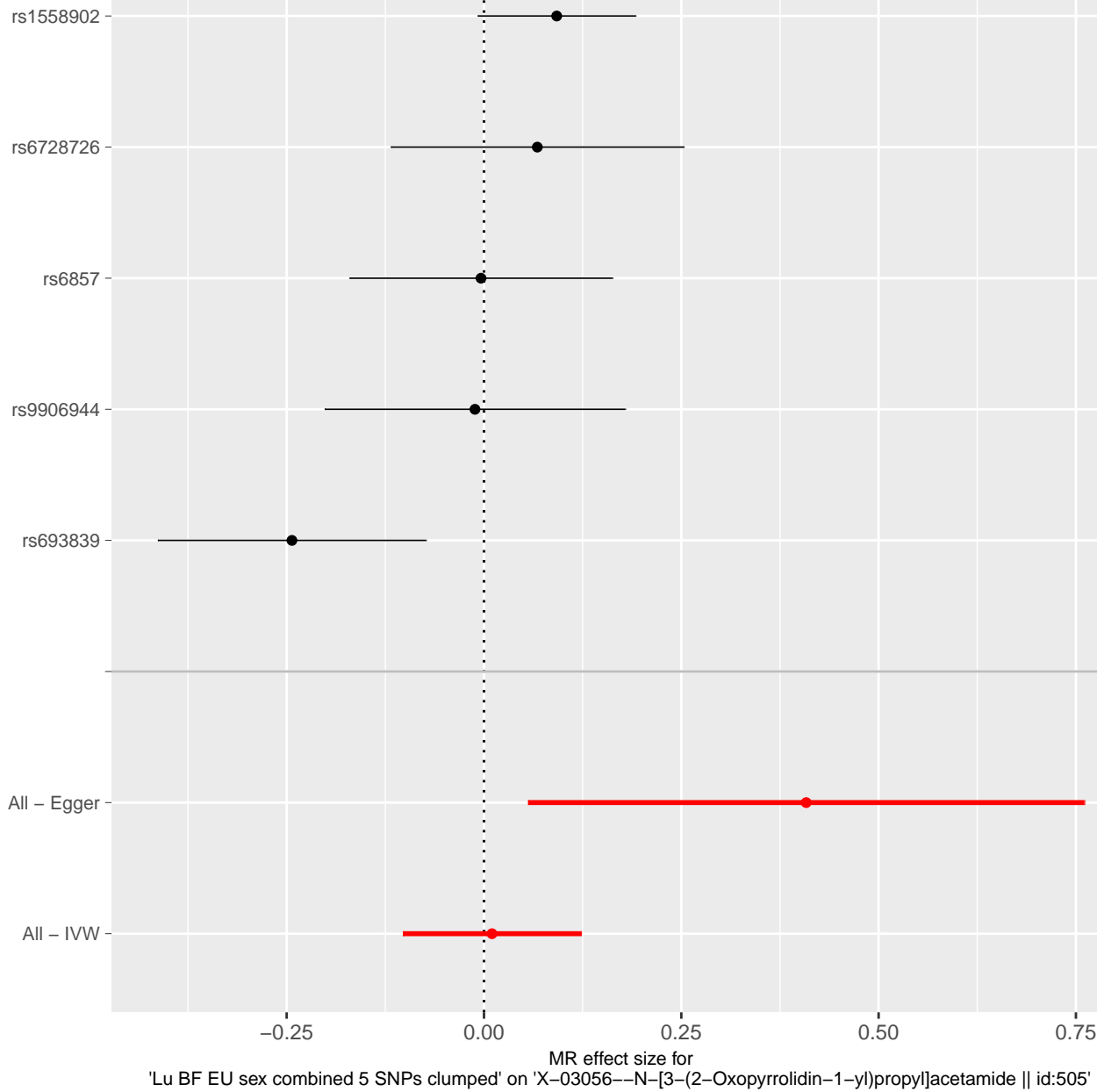
MR effect size for

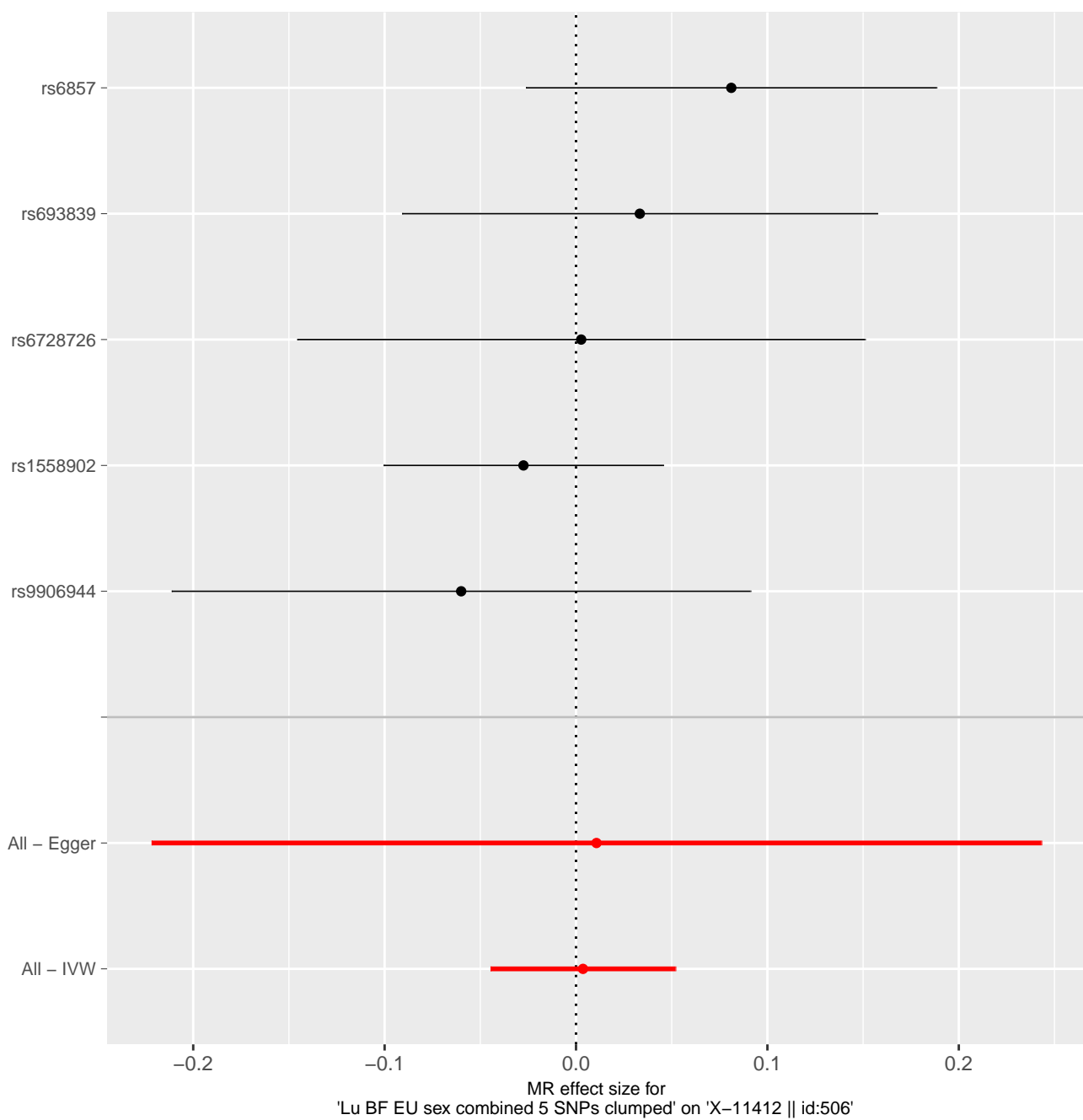
'Lu BF EU sex combined 5 SNPs clumped' on 'C-glycosyltryptophan* || id:502'











rs9906944

rs6728726

rs1558902

rs693839

rs6857

All – Egger

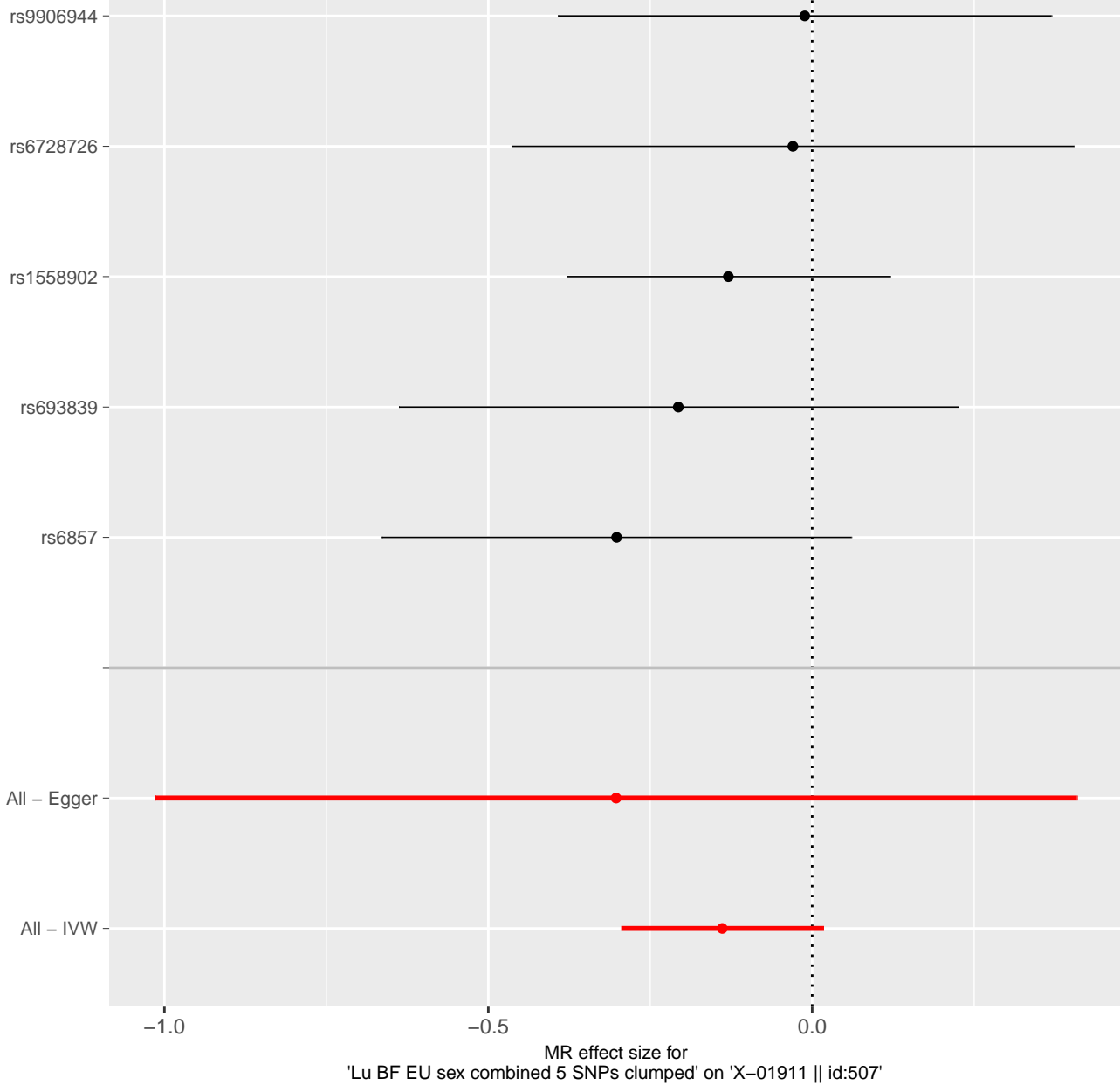
All – IVW

-1.0

-0.5

0.0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-01911 || id:507'



rs6857

rs1558902

rs9906944

rs6728726

rs693839

All – Egger

All – IVW

-0.2

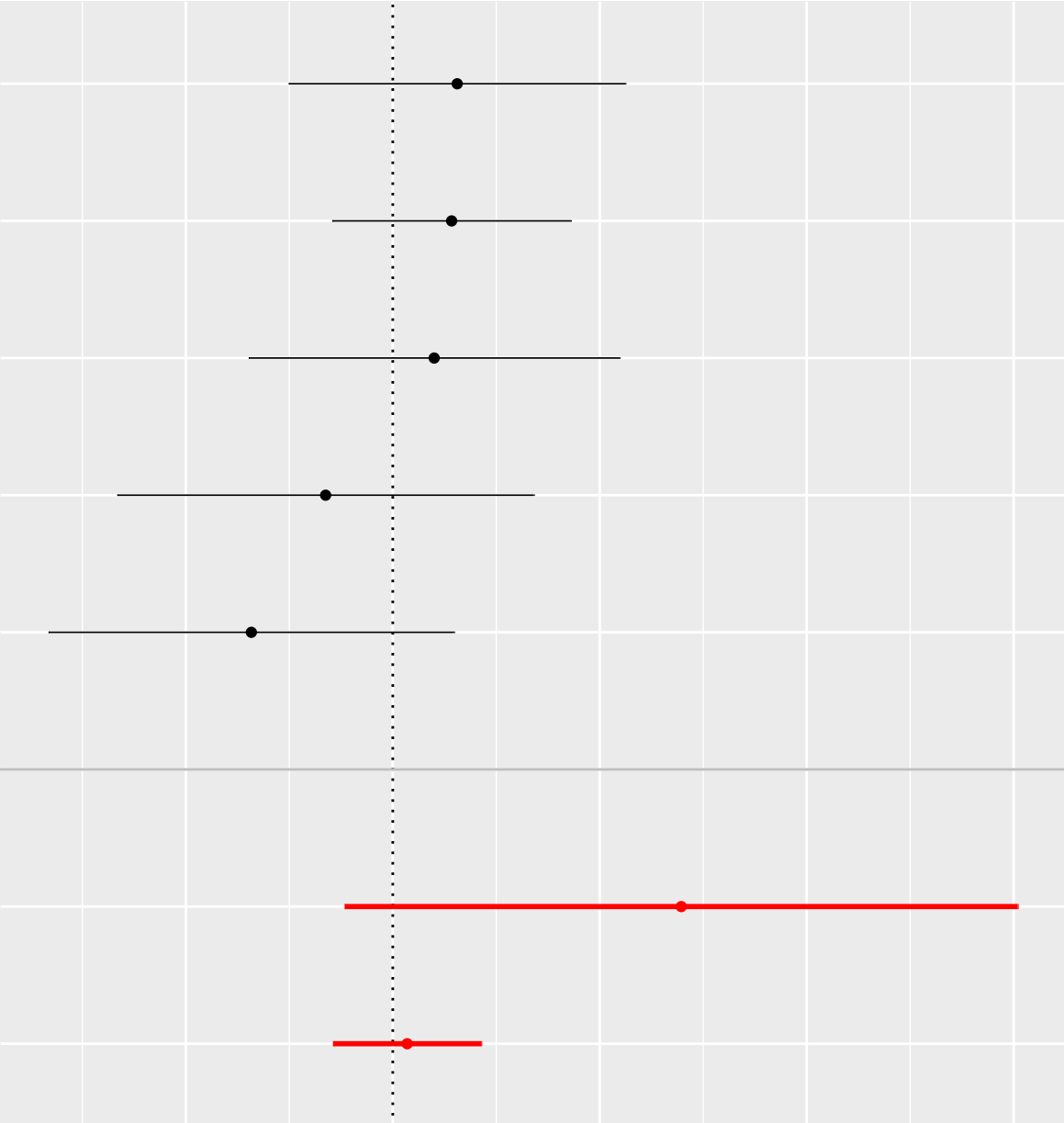
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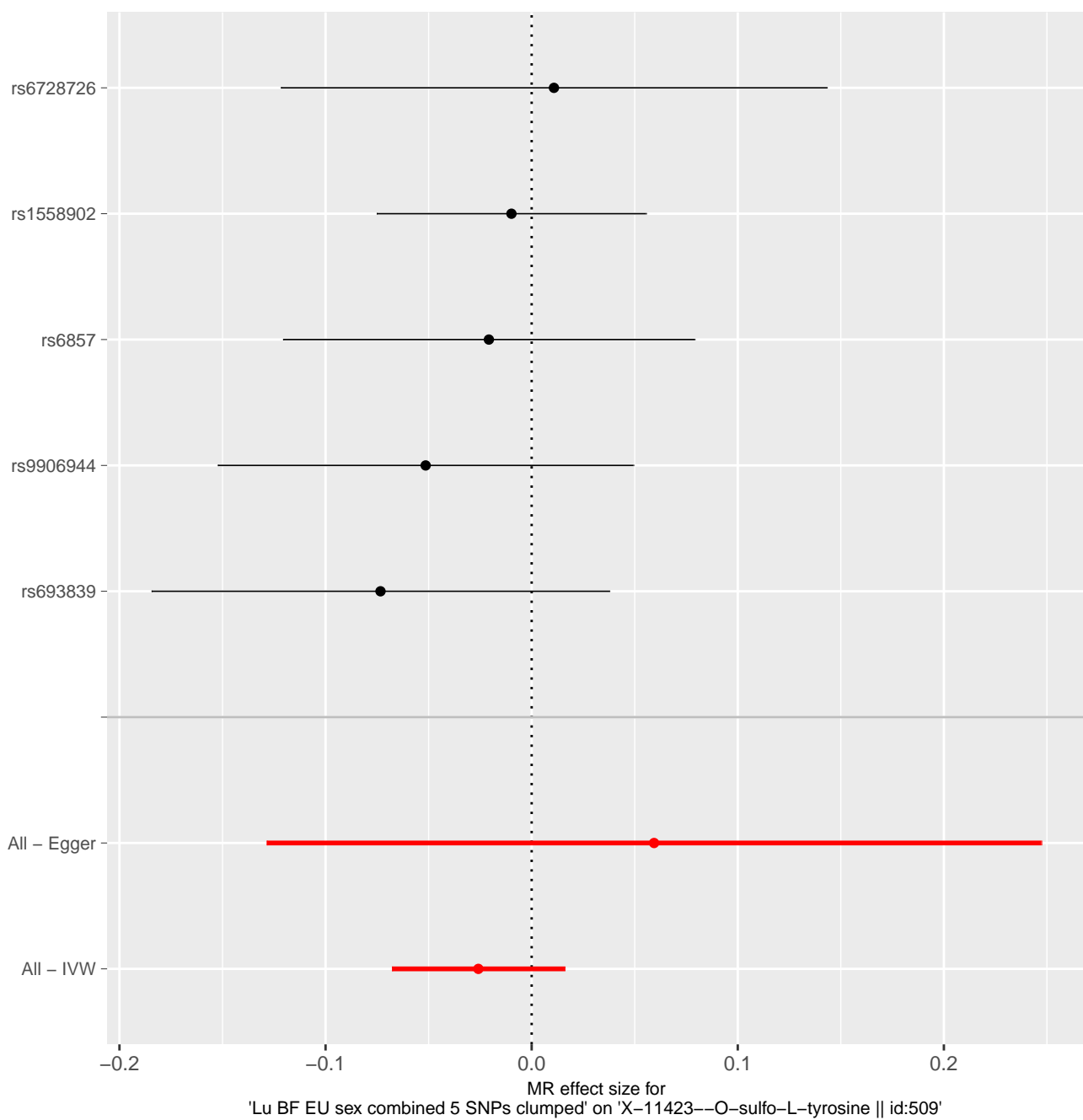
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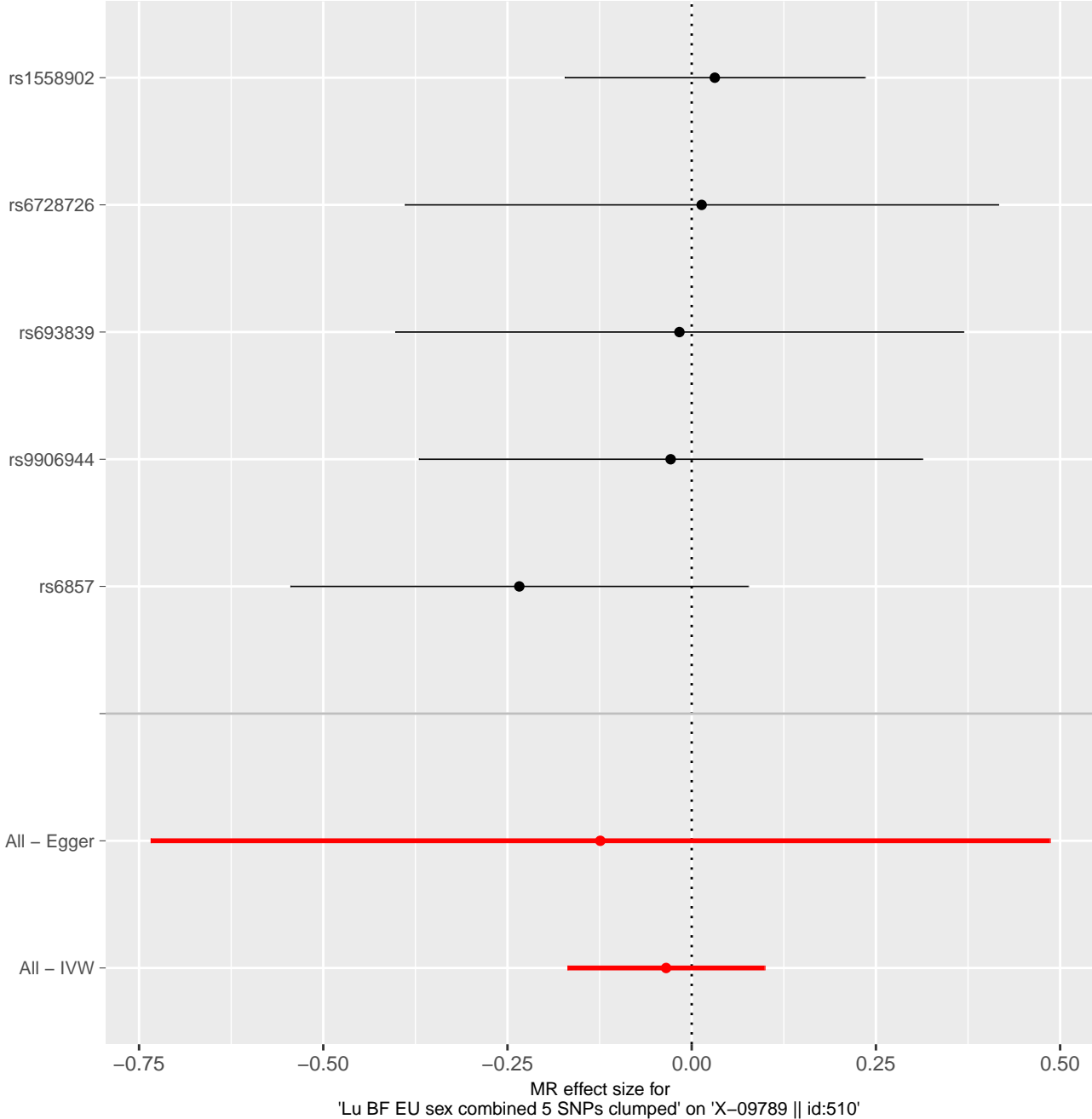
0.4

0.6

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11422—xanthine || id:508'







rs1558902

rs9906944

rs6857

rs6728726

rs693839

All – Egger

All – IVW

-0.5

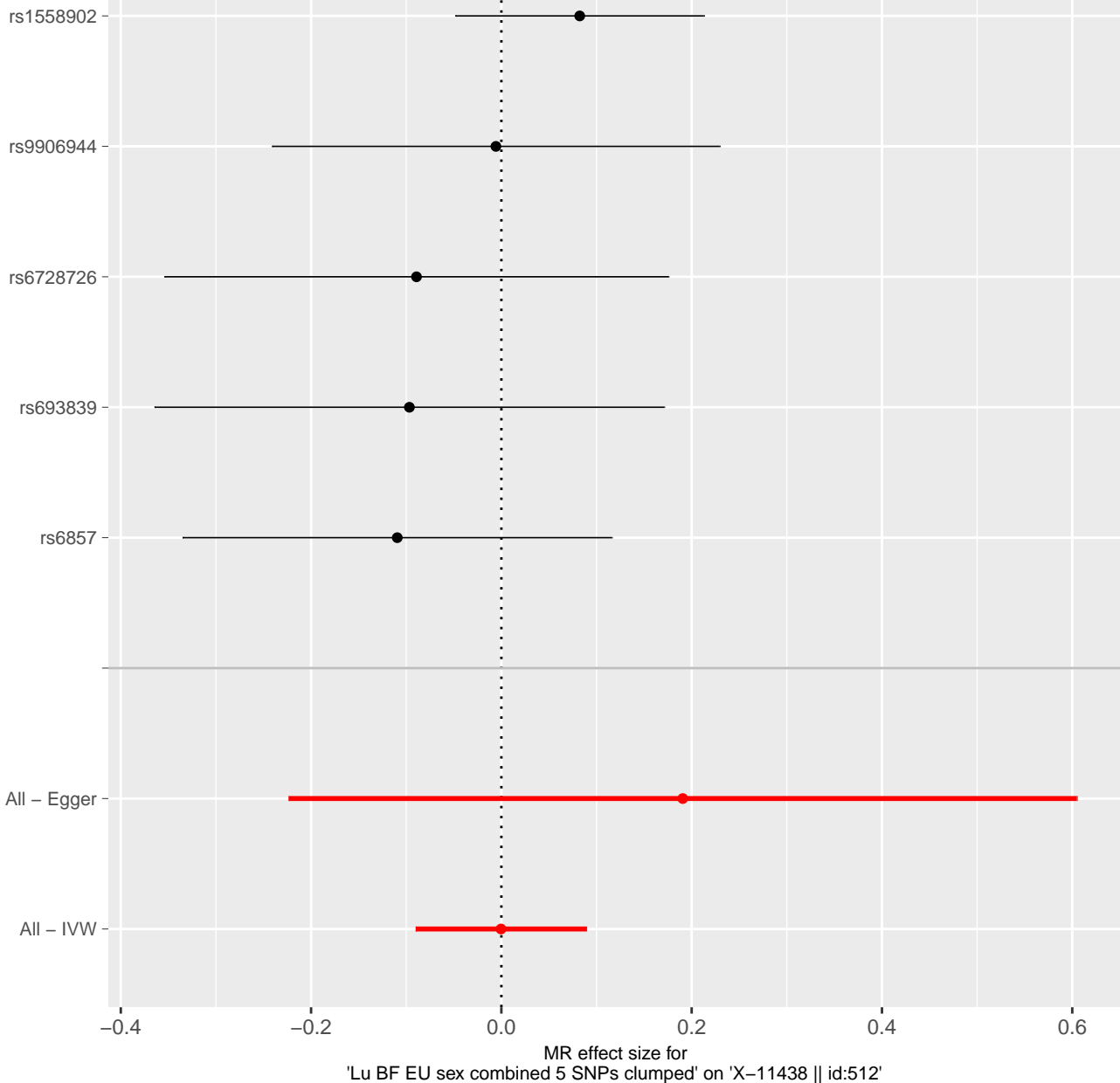
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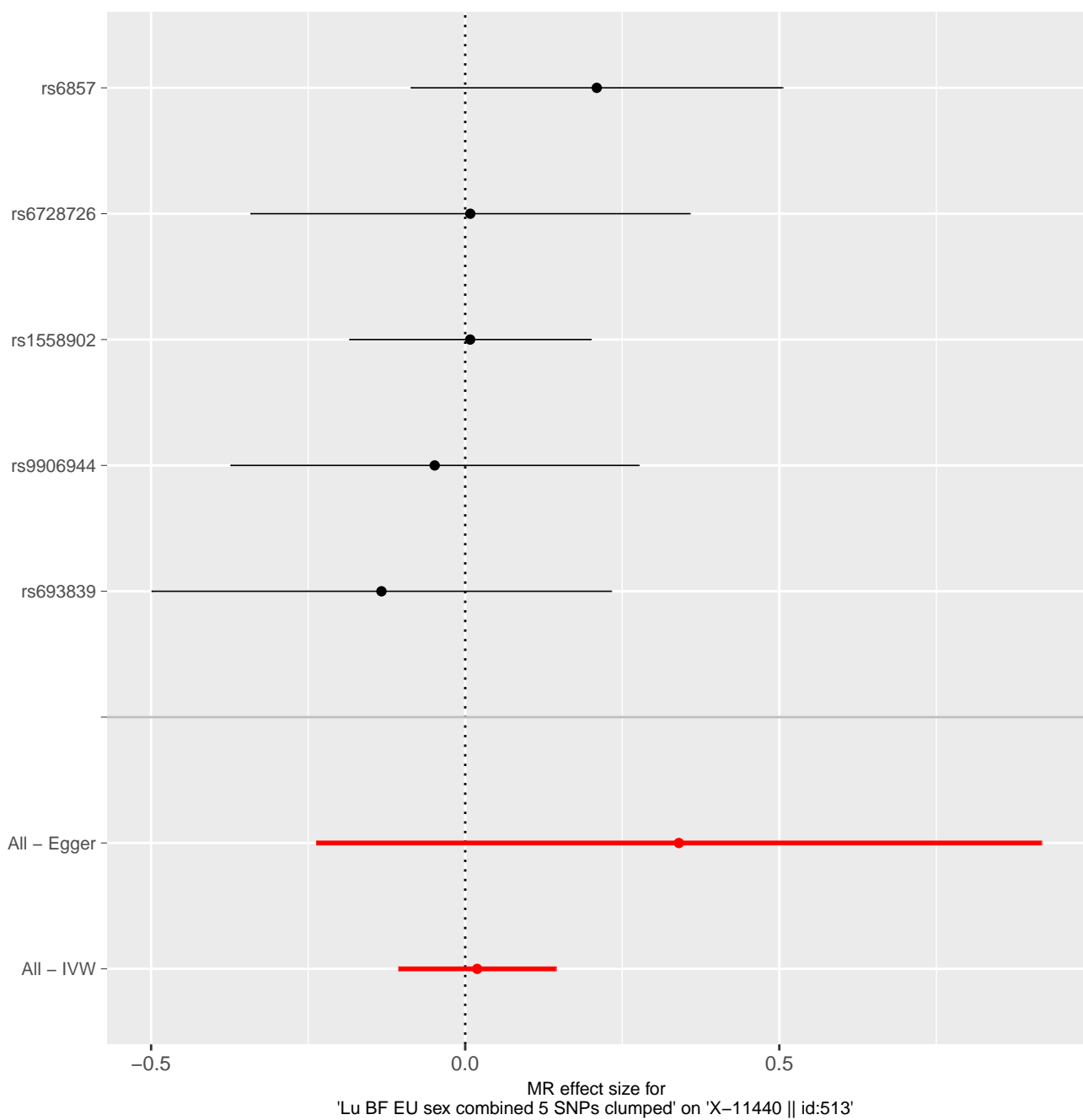
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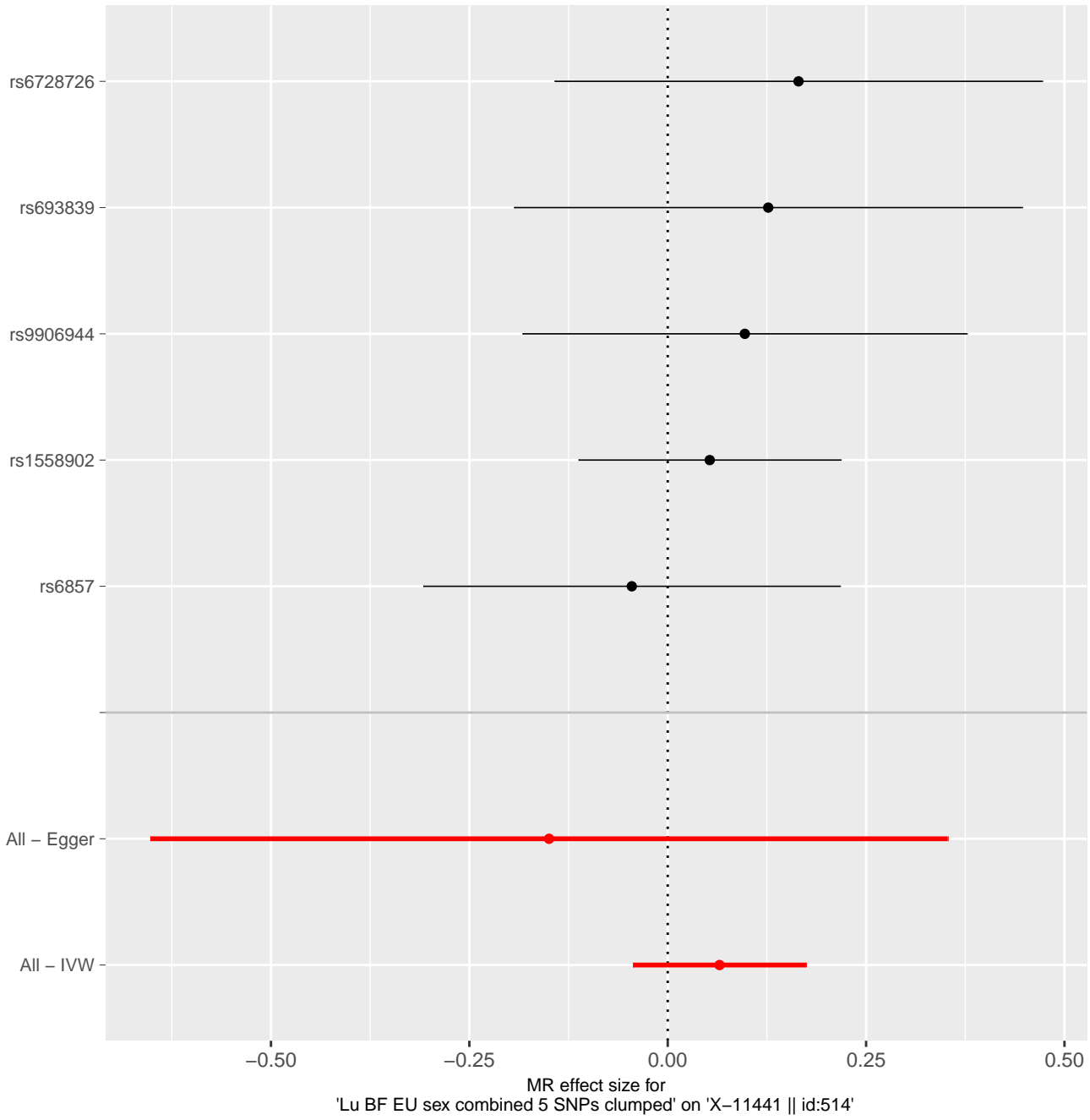
1.0

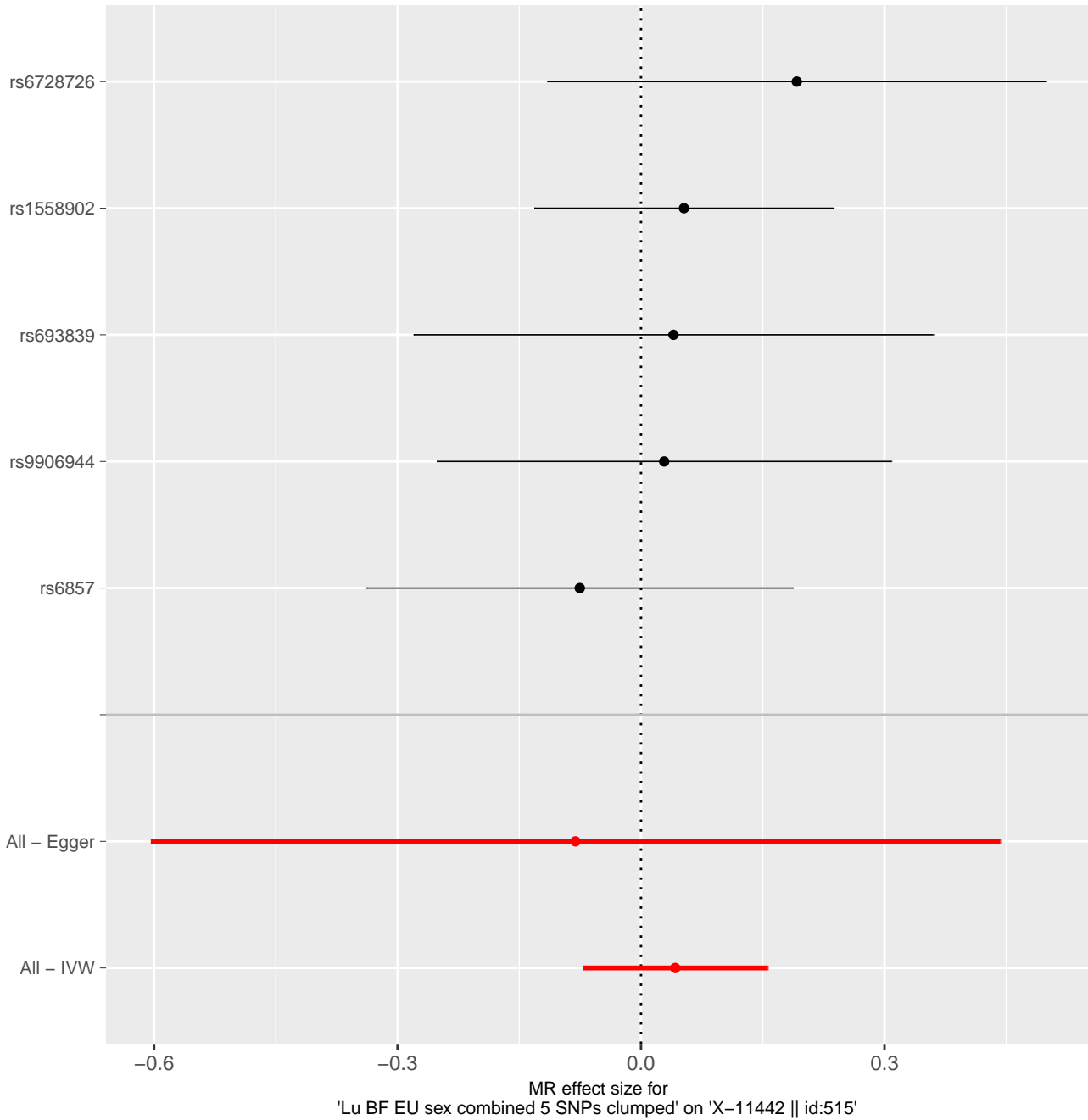
MR effect size for

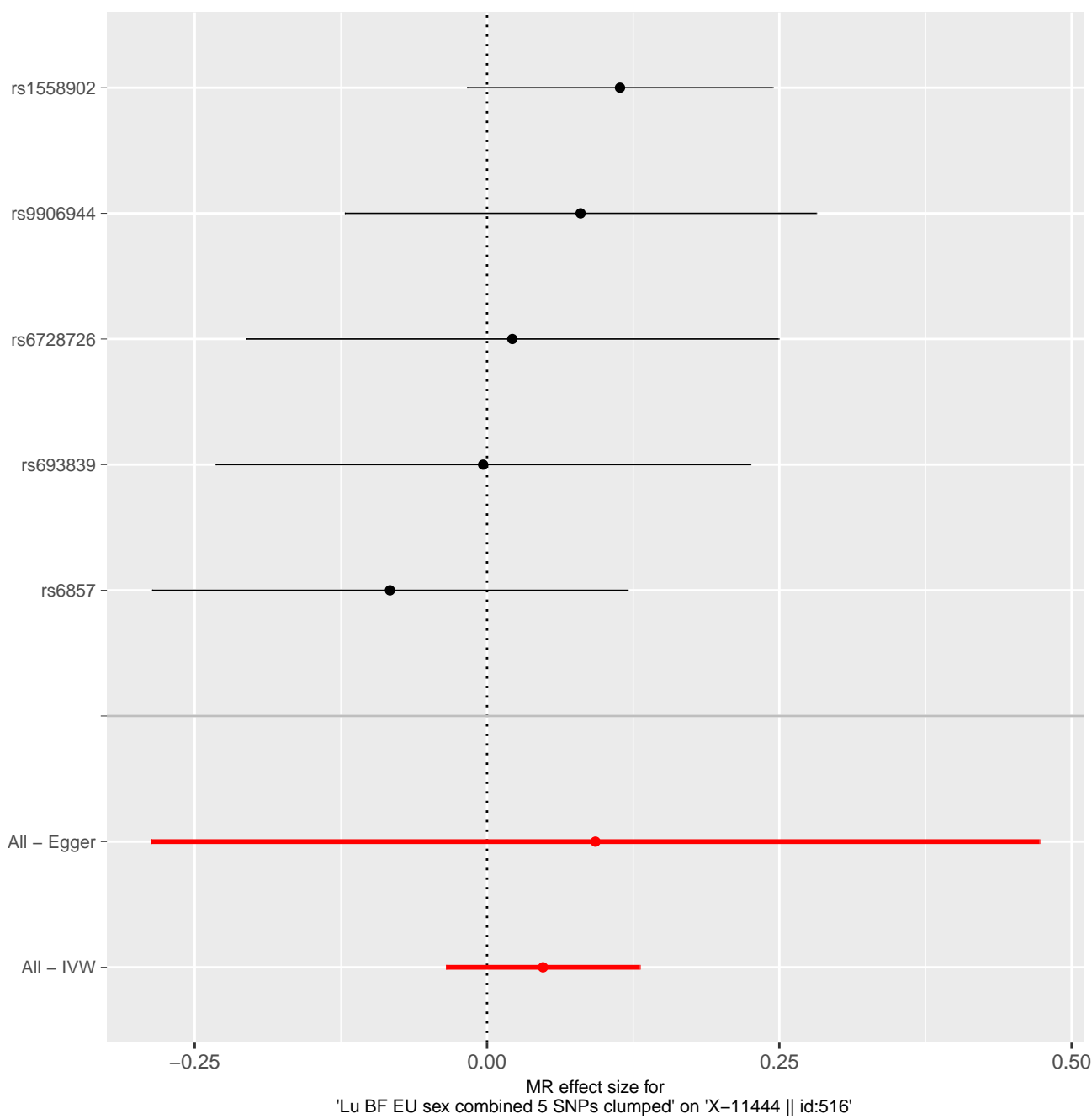
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11437 || id:511'











rs693839

rs1558902

rs6857

rs6728726

rs9906944

All – Egger

All – IVW

-0.5

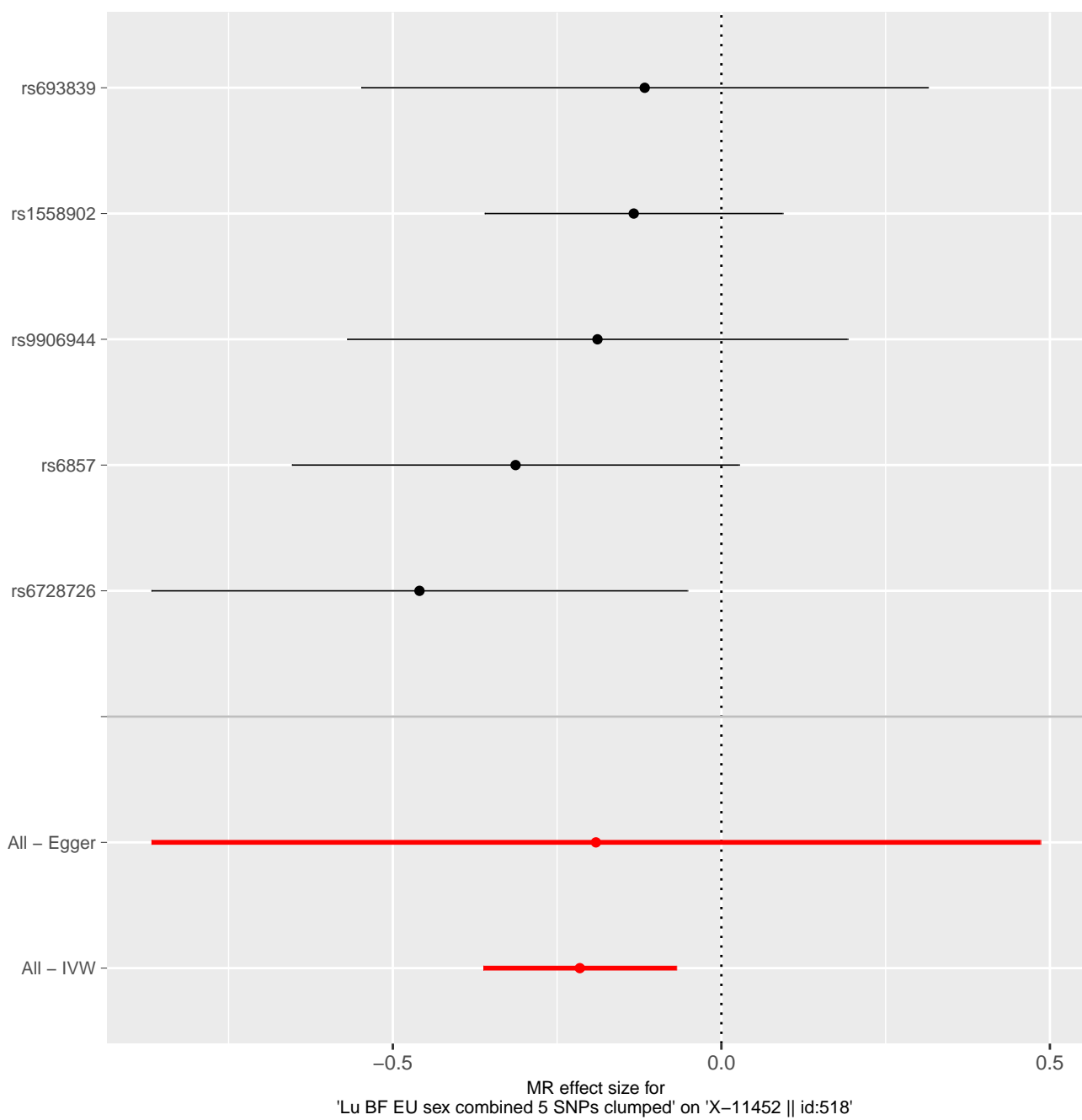
0.0

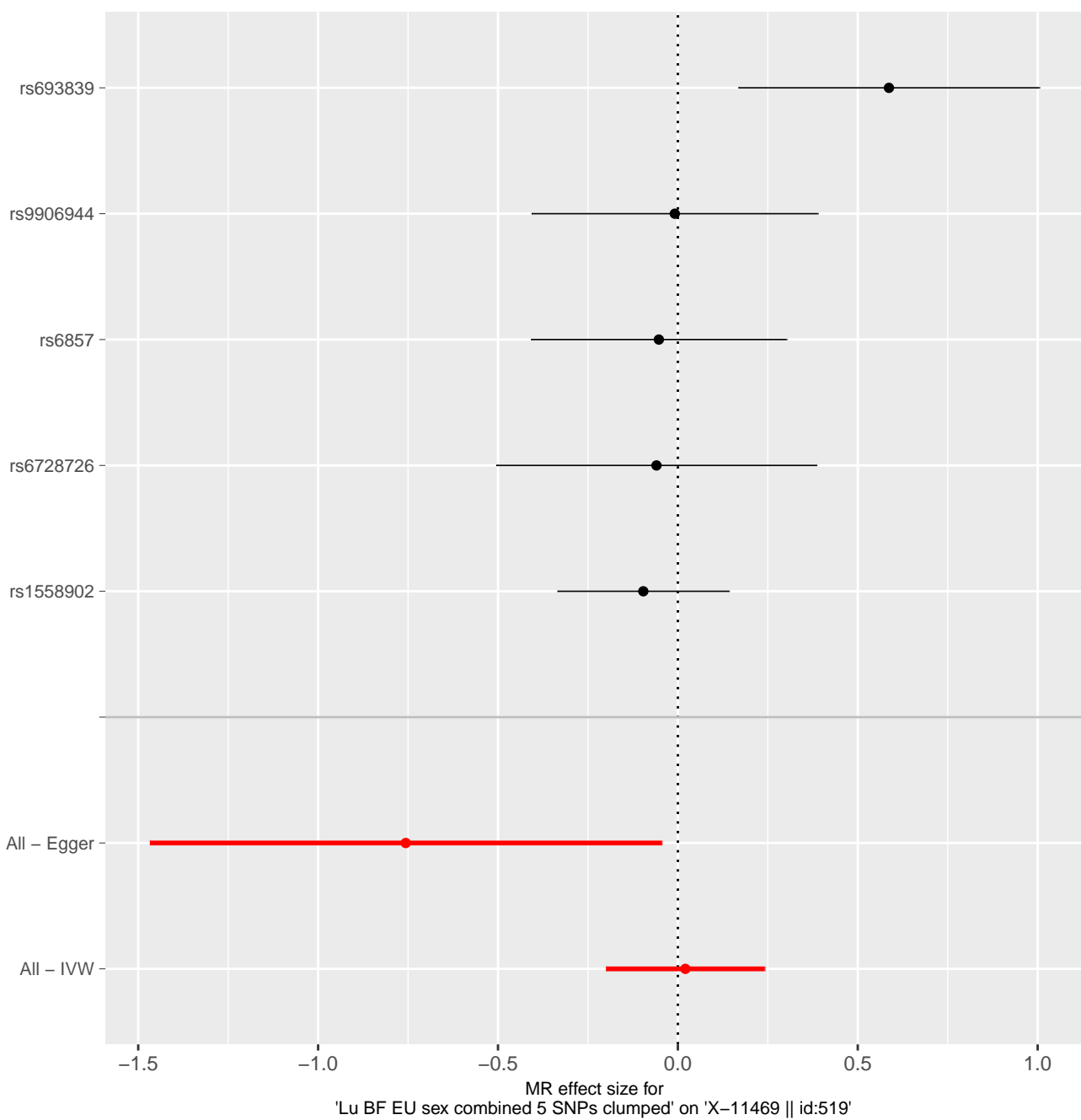
0.5

1.0

1.5

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11445--5-alpha-pregnan-3beta,20alpha-disulfate || id:517'





rs1558902

rs9906944

rs6728726

rs693839

rs6857

All – Egger

All – IVW

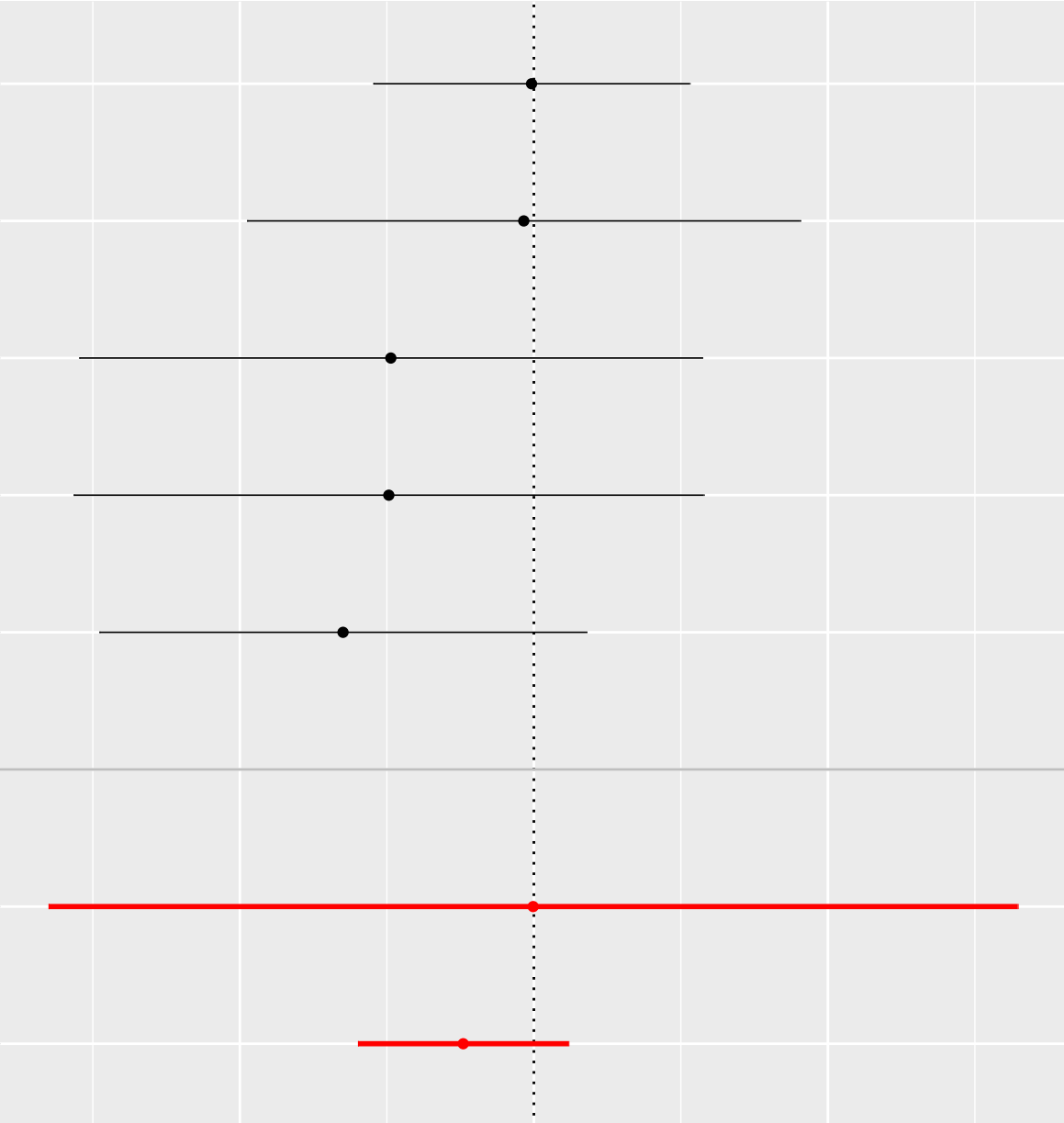
–0.25

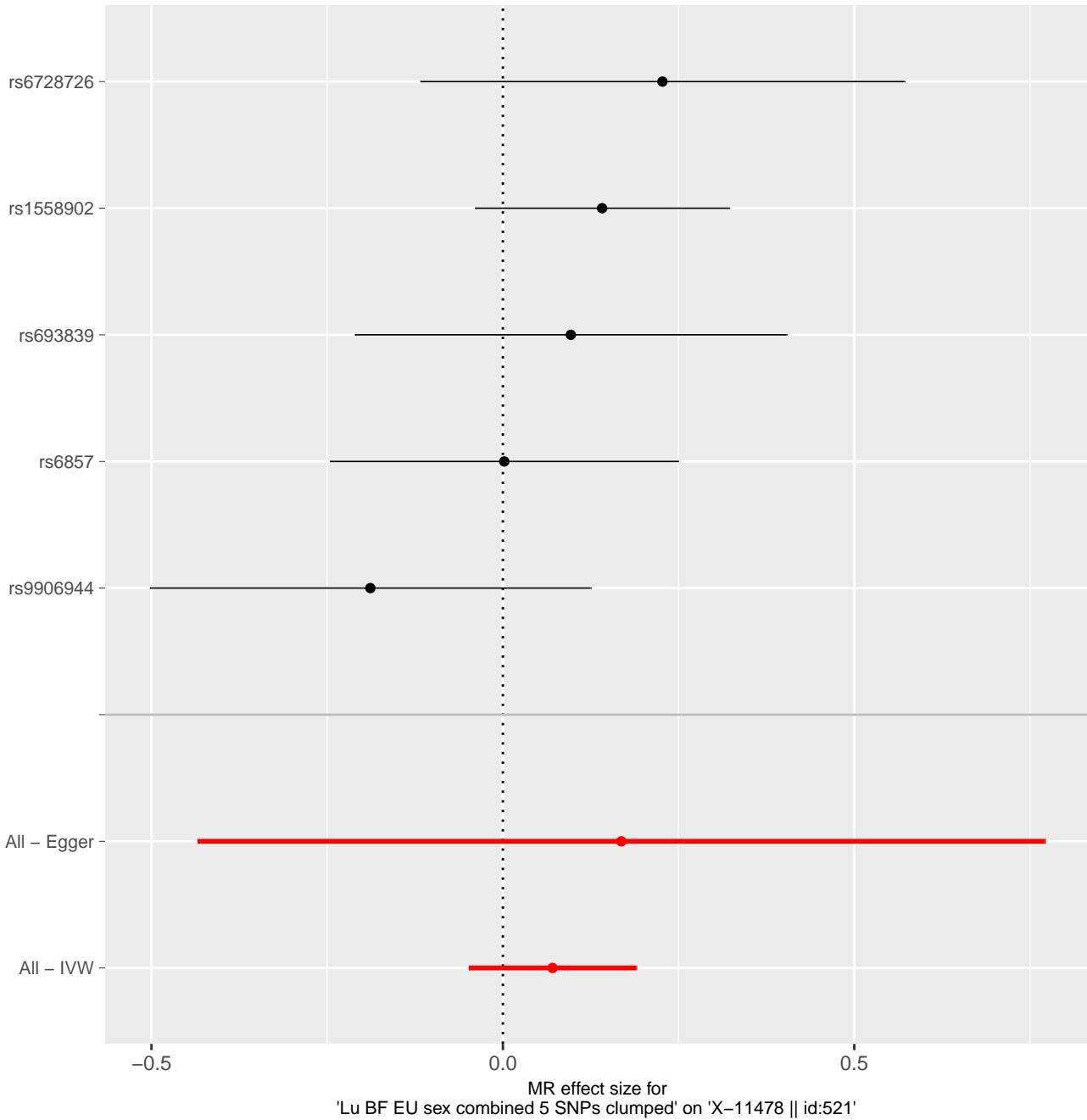
0.00

0.25

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'X-11470 || id:520'





rs6857

rs9906944

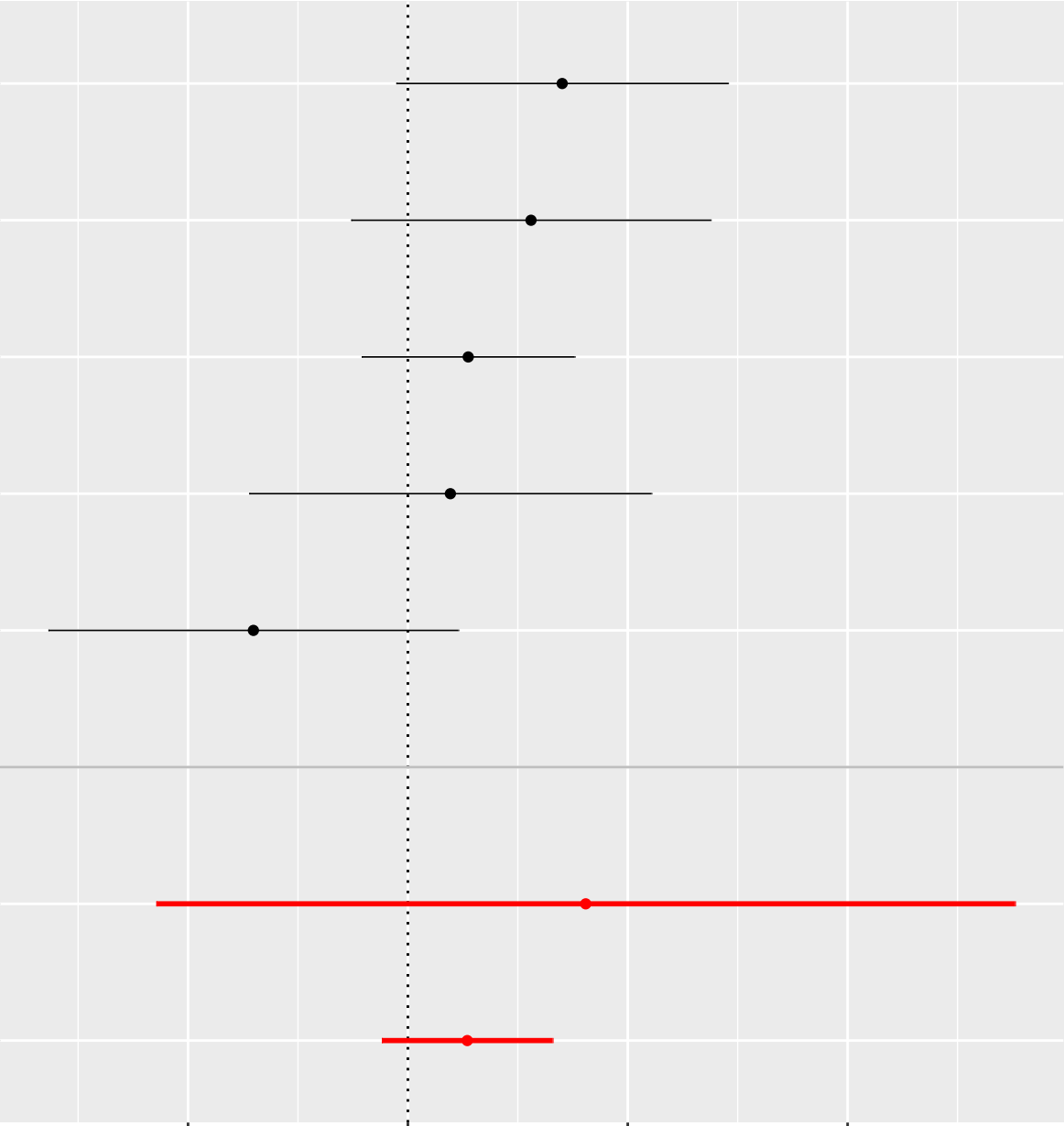
rs1558902

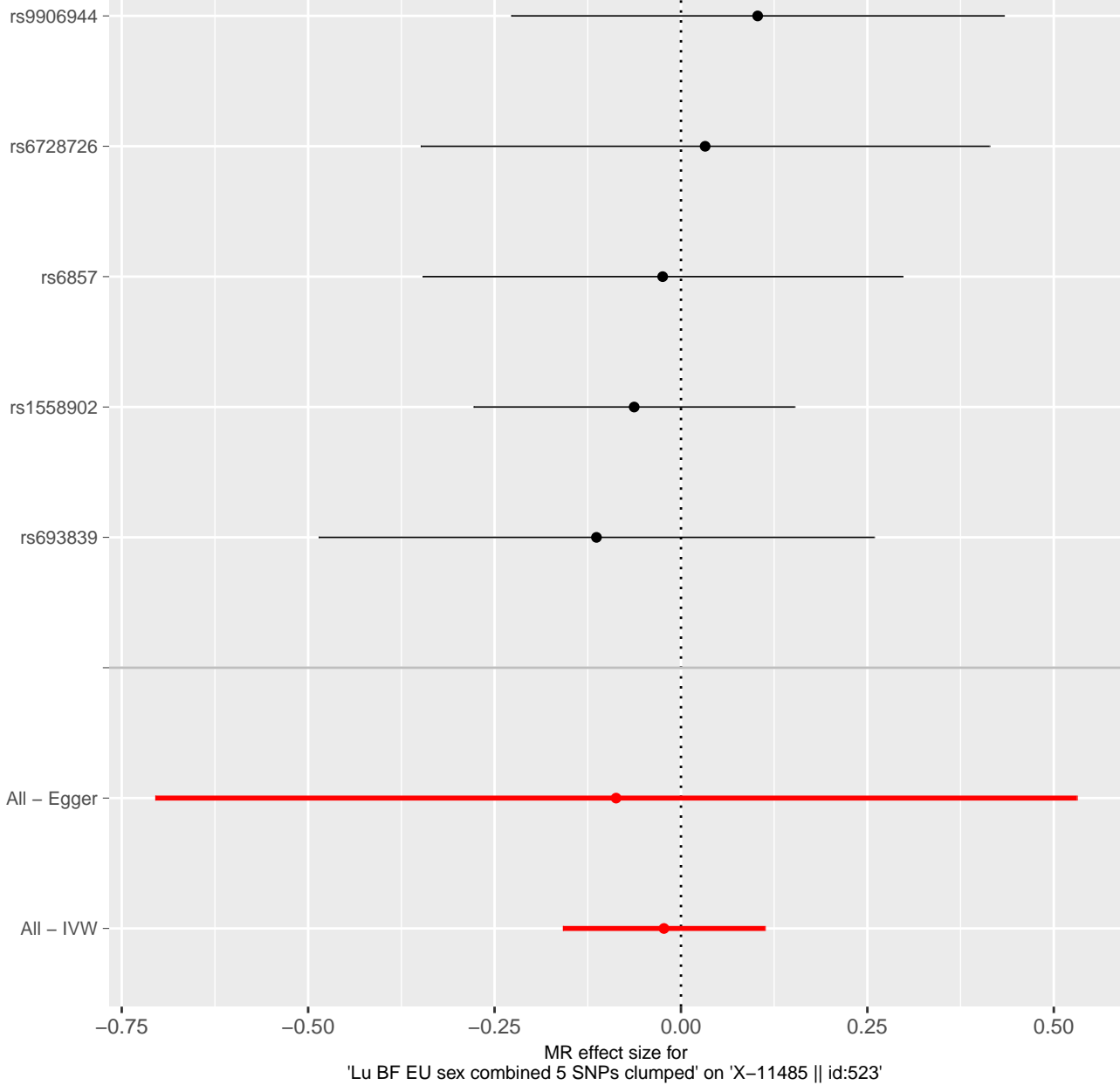
rs693839

rs6728726

All – Egger

All – IVW





rs6728726

rs1558902

rs9906944

rs6857

rs693839

All – Egger

All – IVW

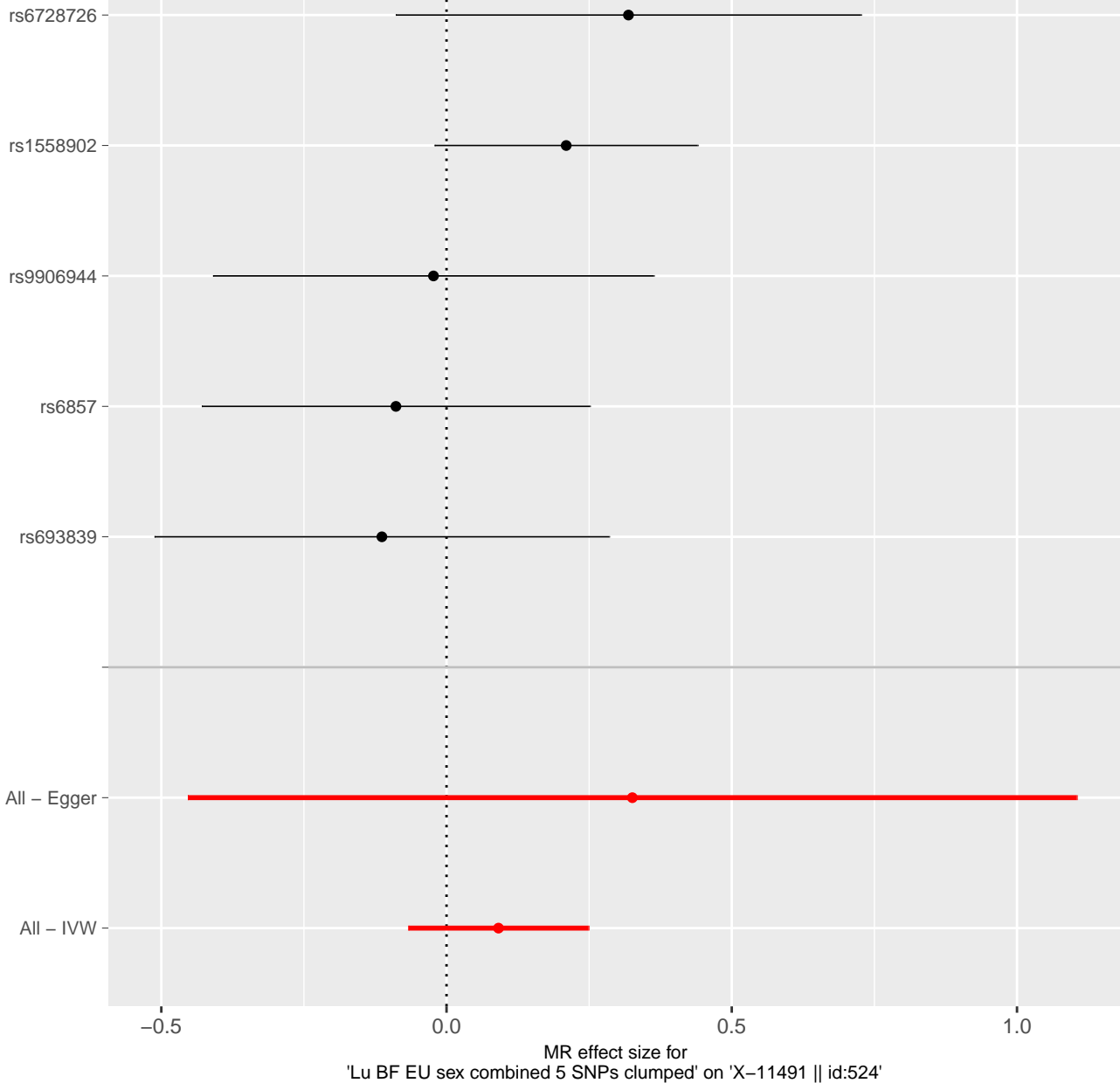
-0.5

0.0

0.5

1.0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11491 || id:524'



rs6857

rs6728726

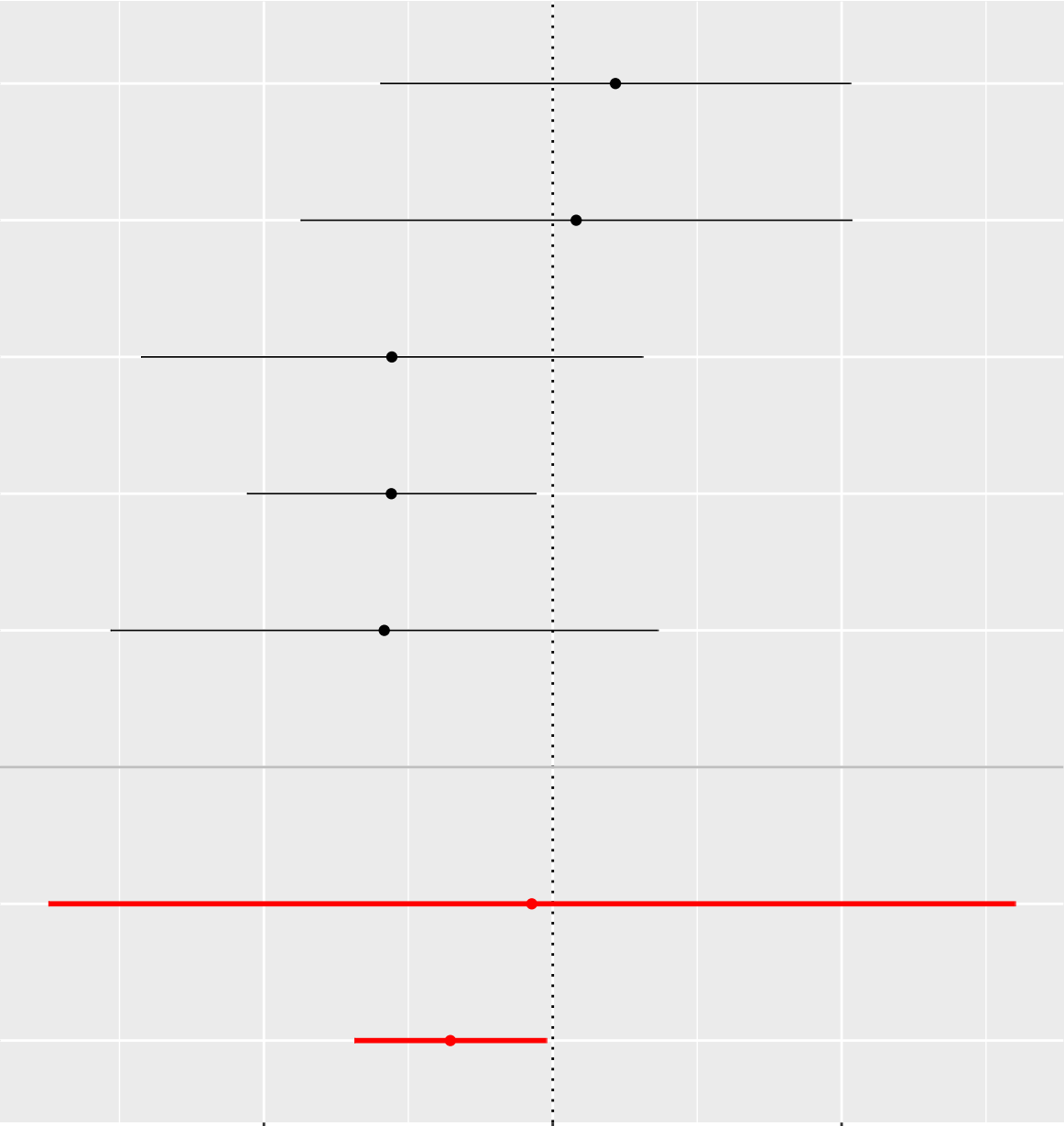
rs9906944

rs1558902

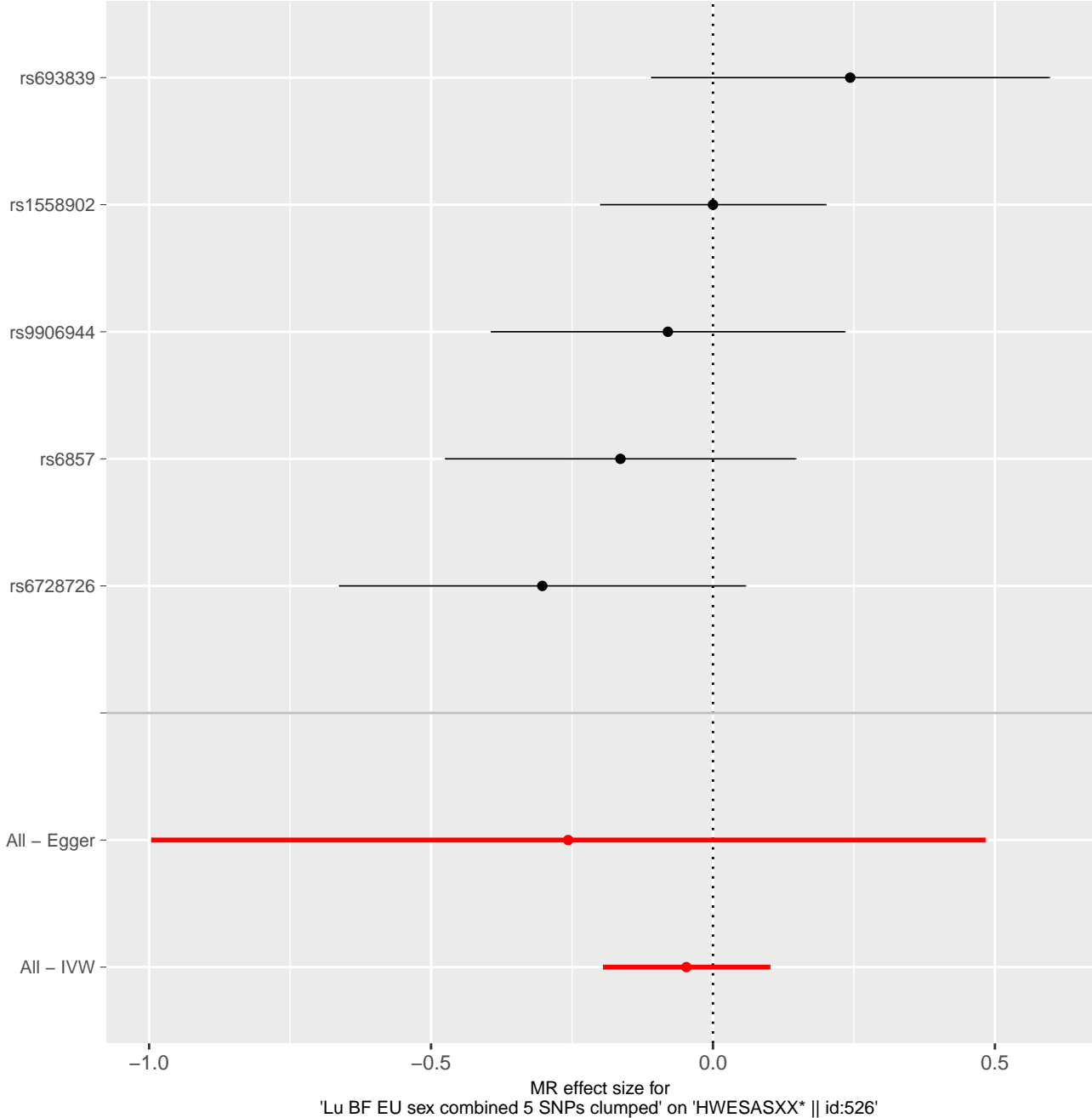
rs693839

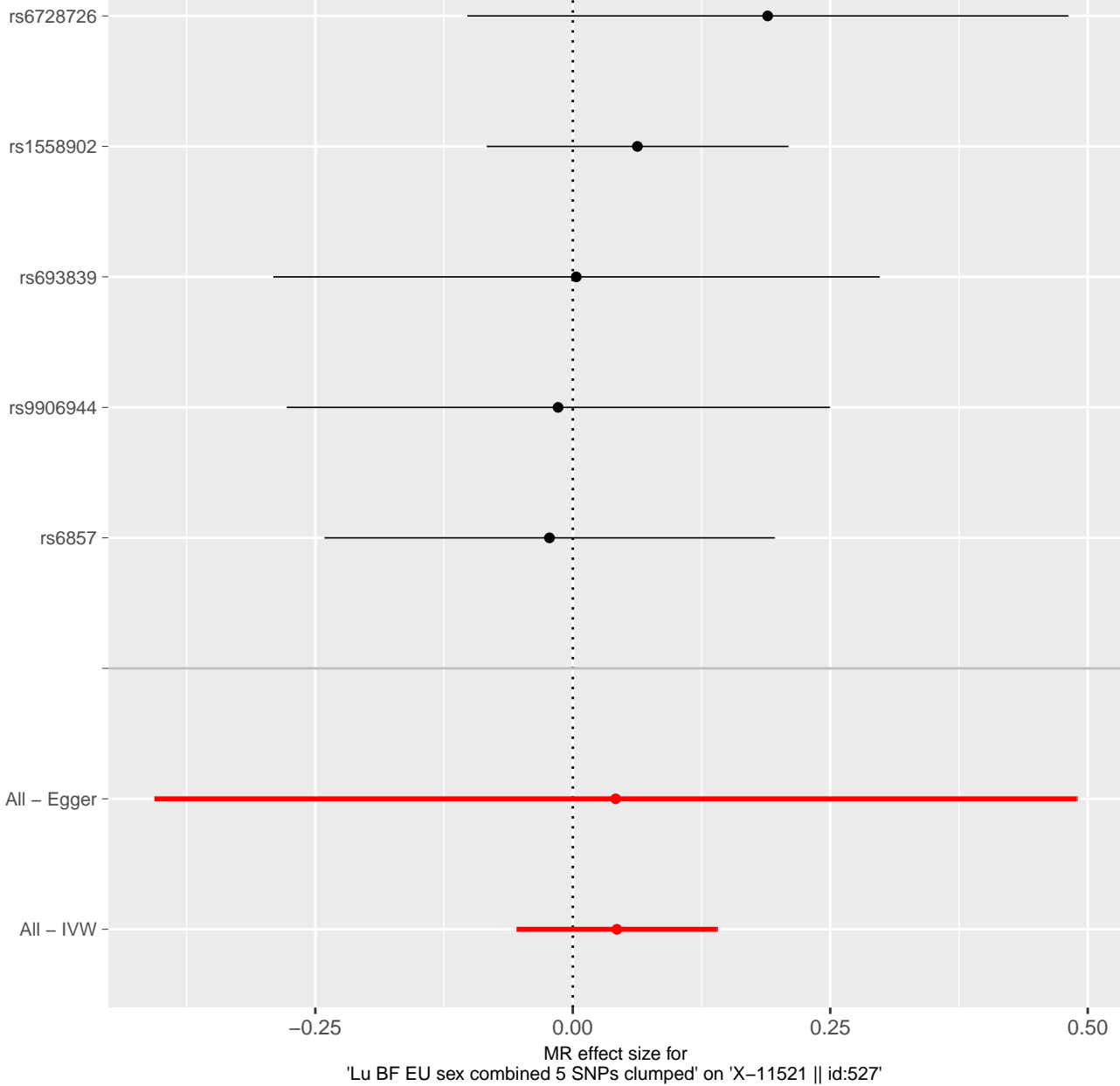
All – Egger

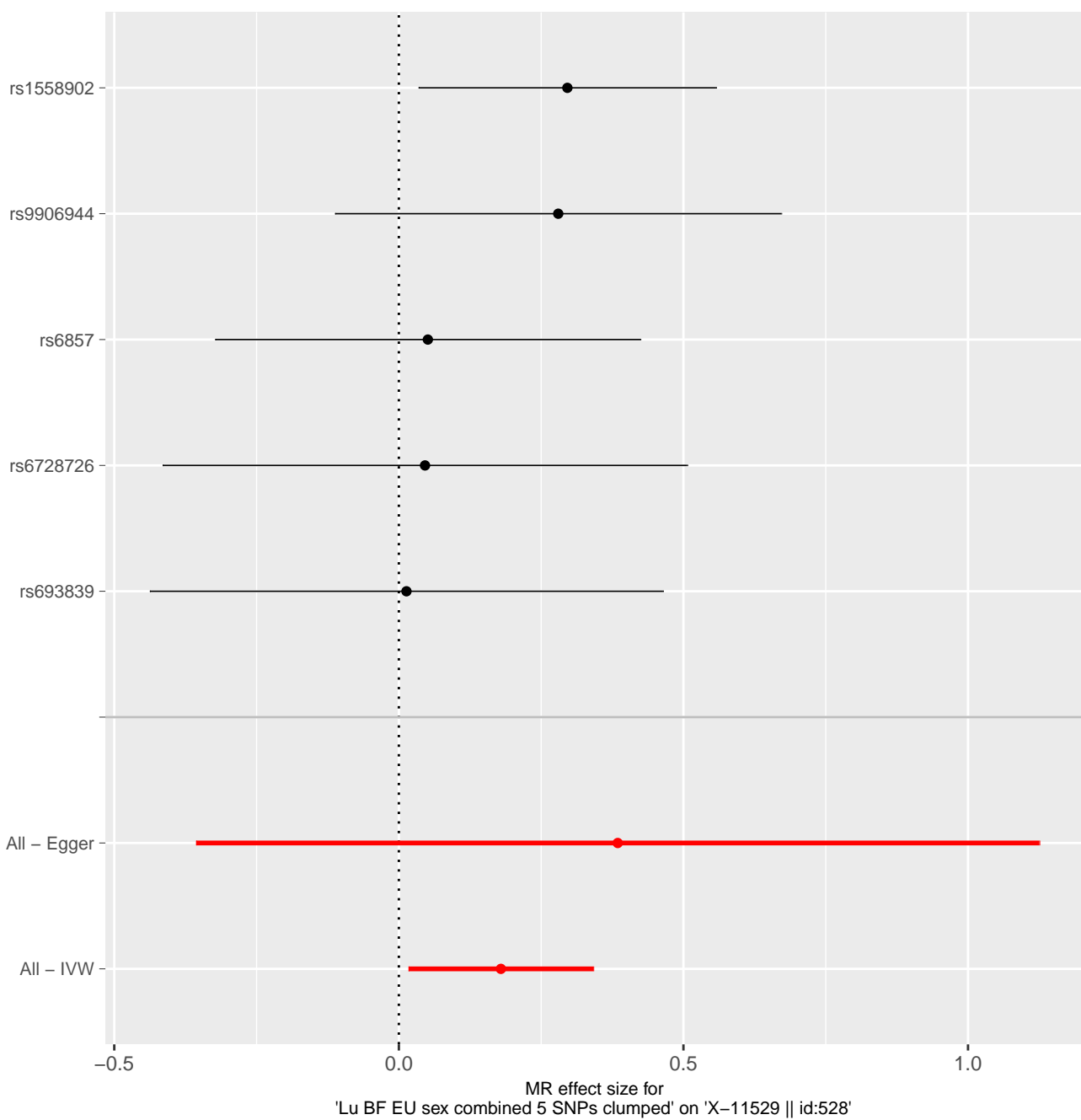
All – IVW

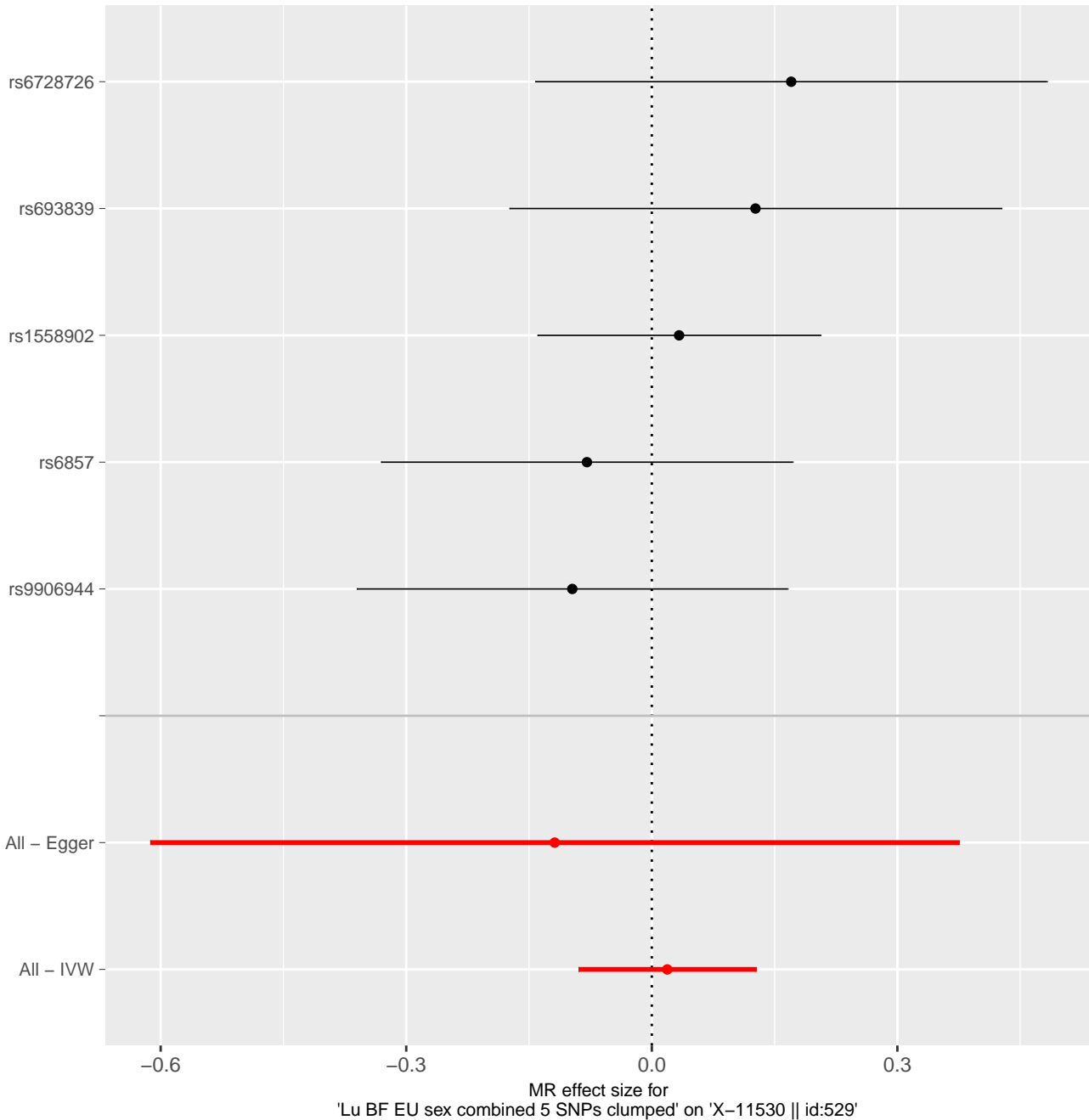


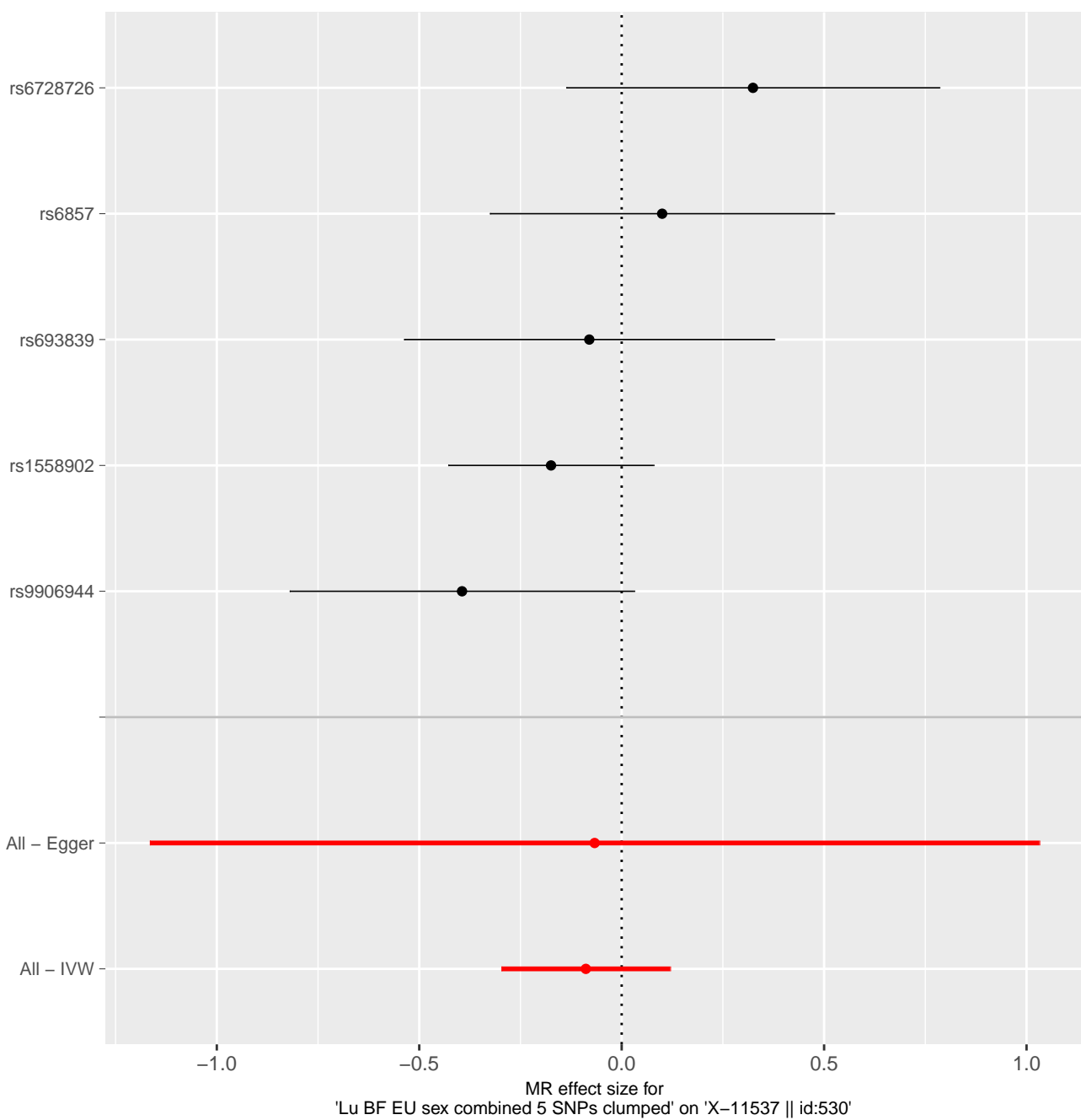
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11497 || id:525'

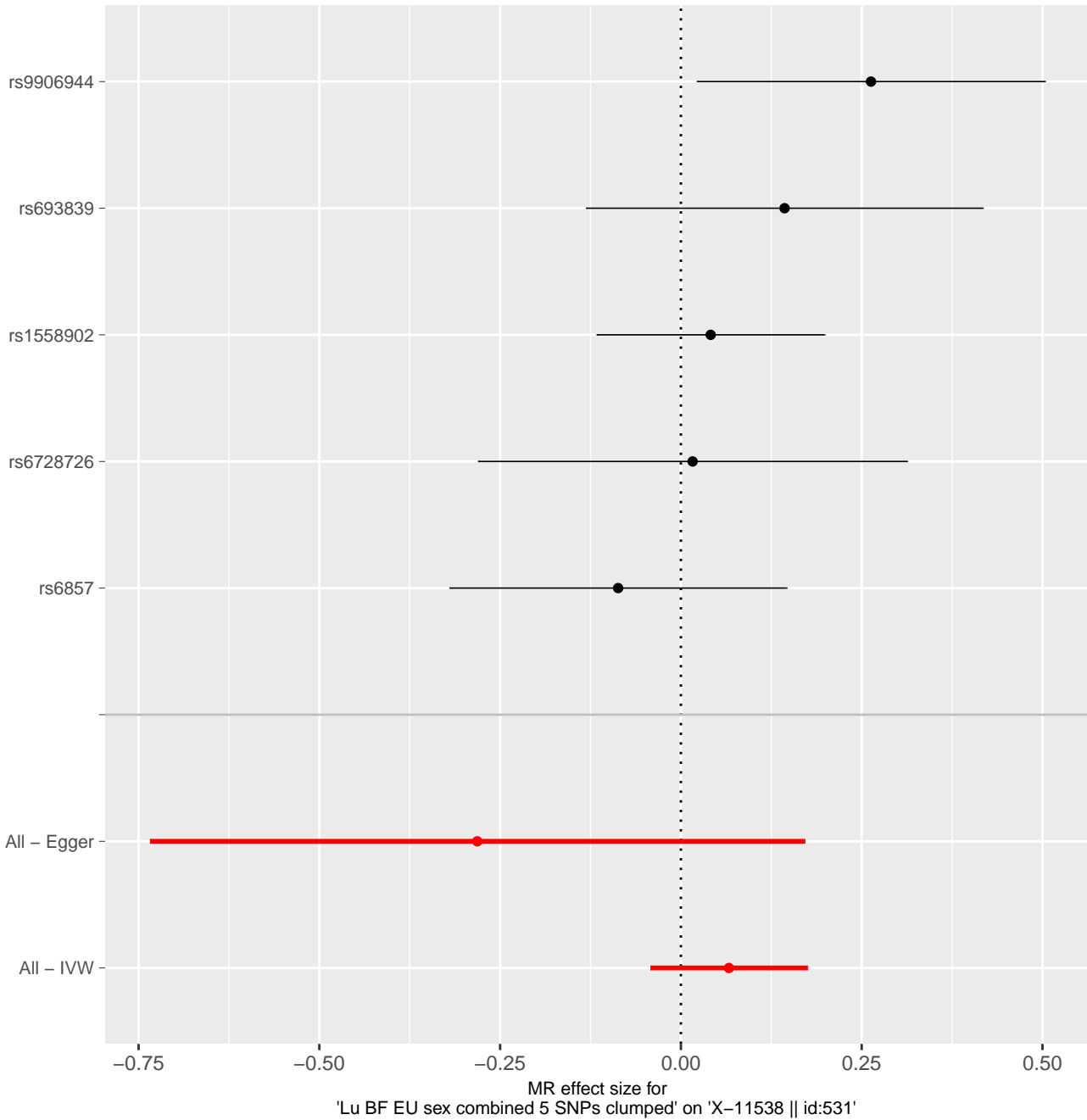












rs6857

rs6728726

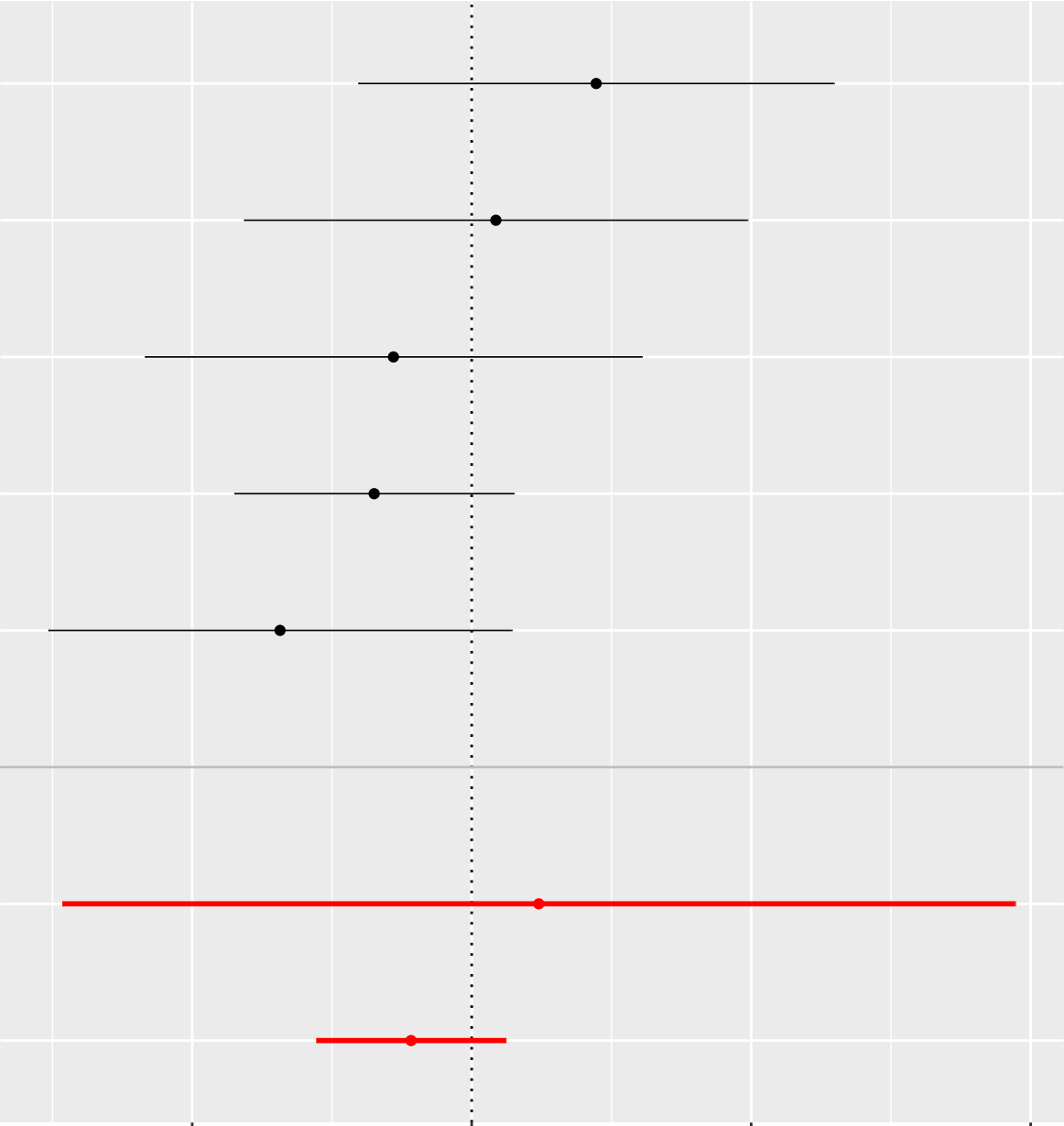
rs693839

rs1558902

rs9906944

All – Egger

All – IVW



rs6728726

rs9906944

rs6857

rs1558902

rs693839

All – Egger

All – IVW

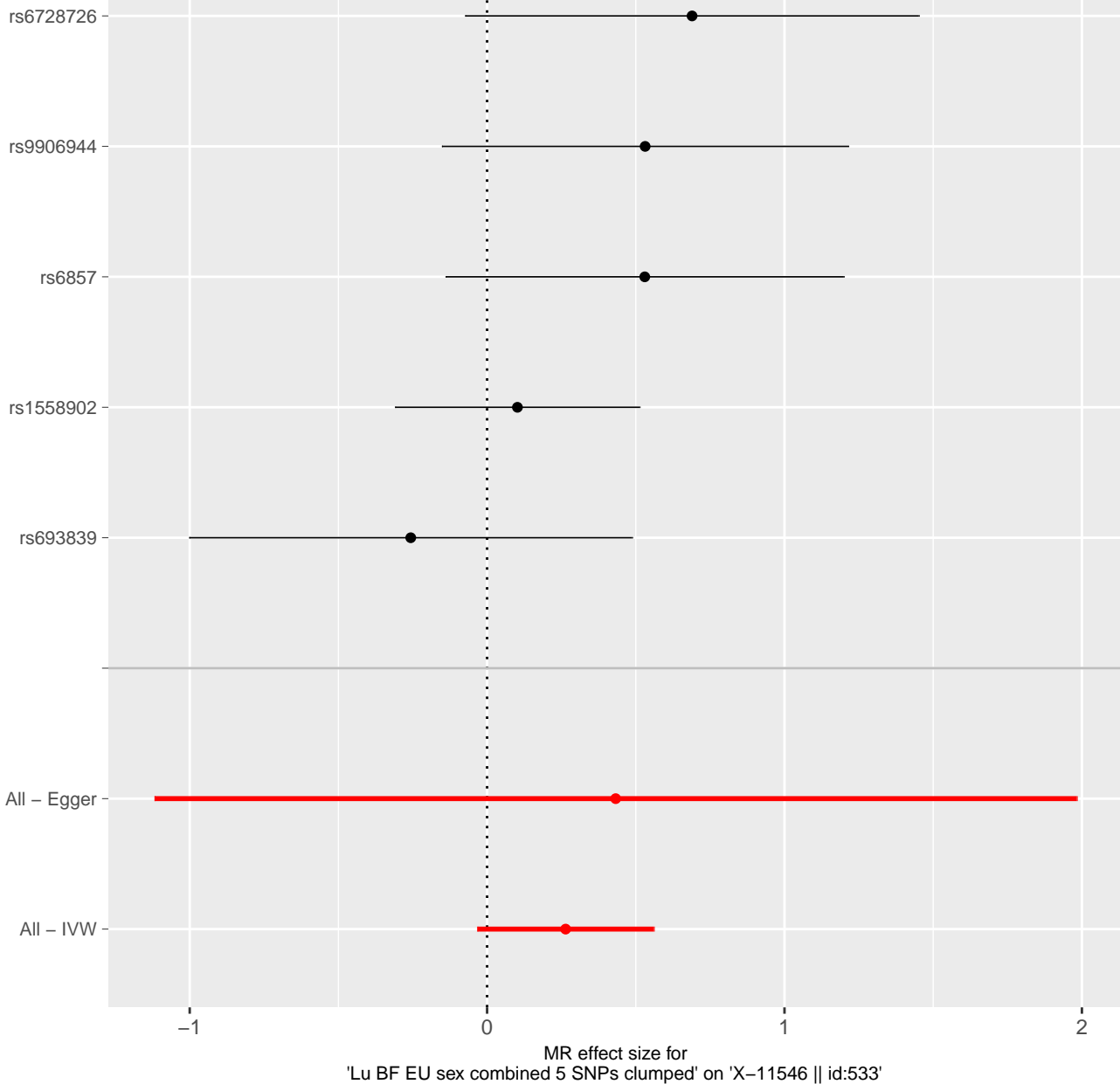
-1

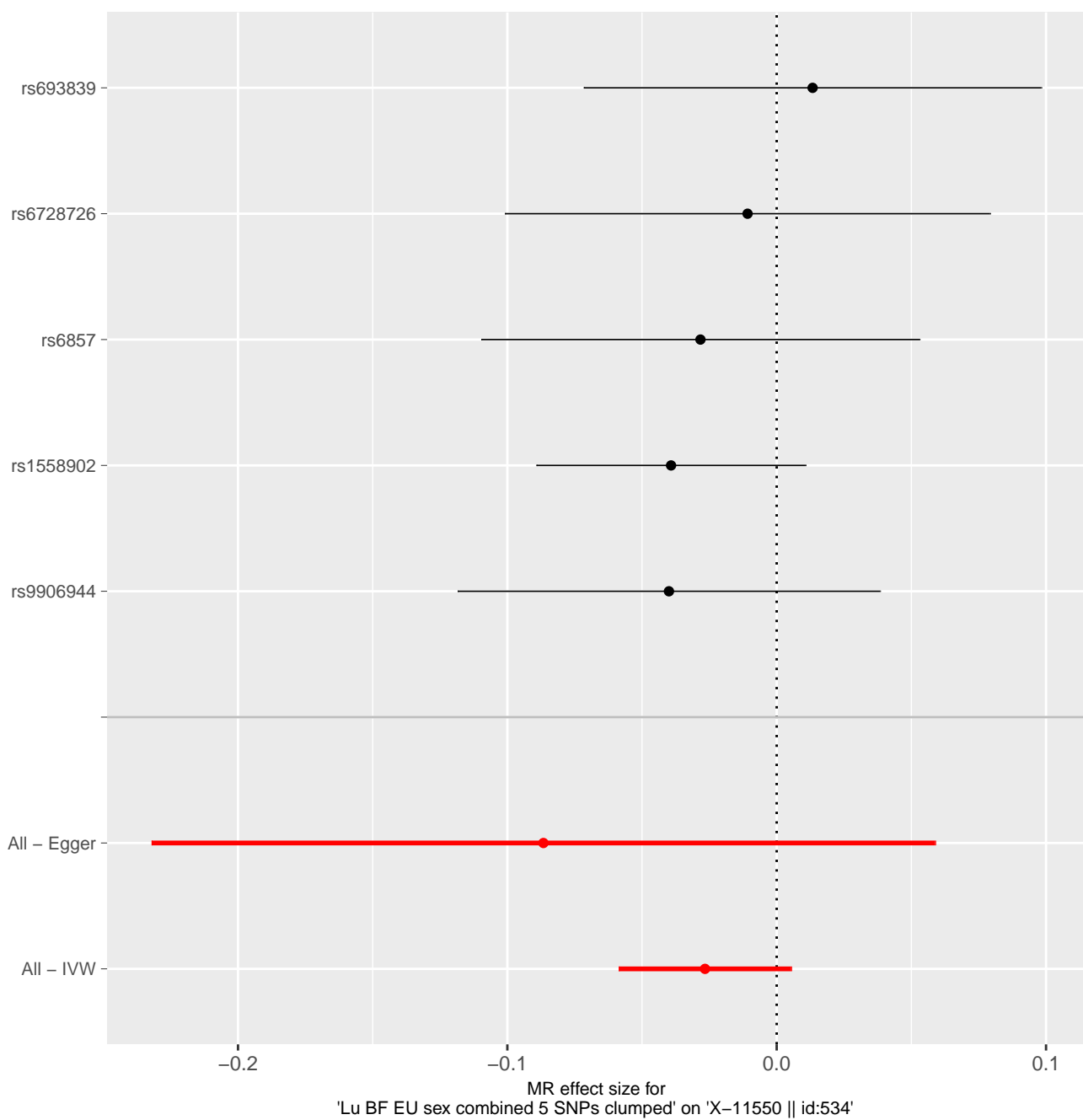
0

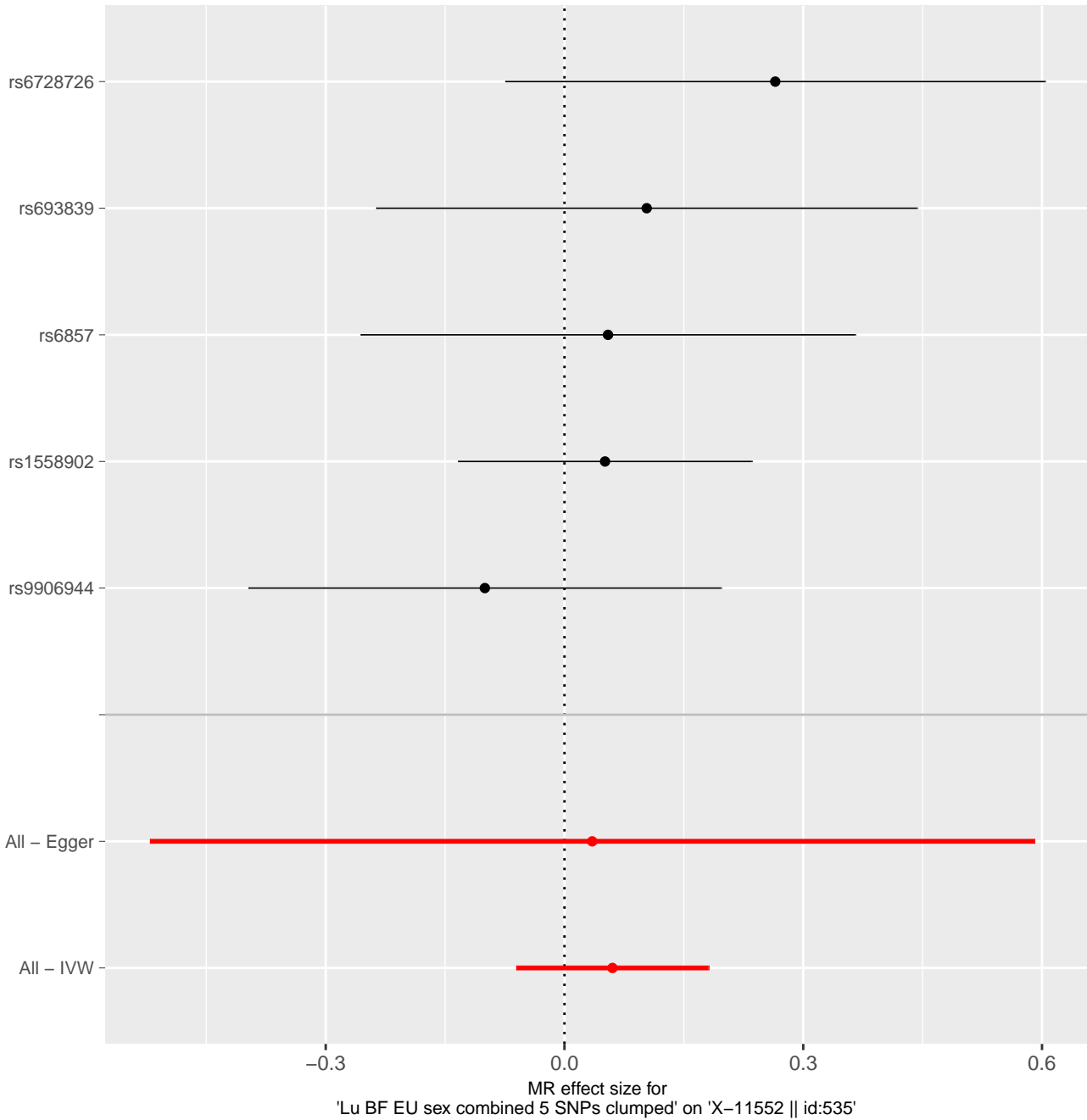
1

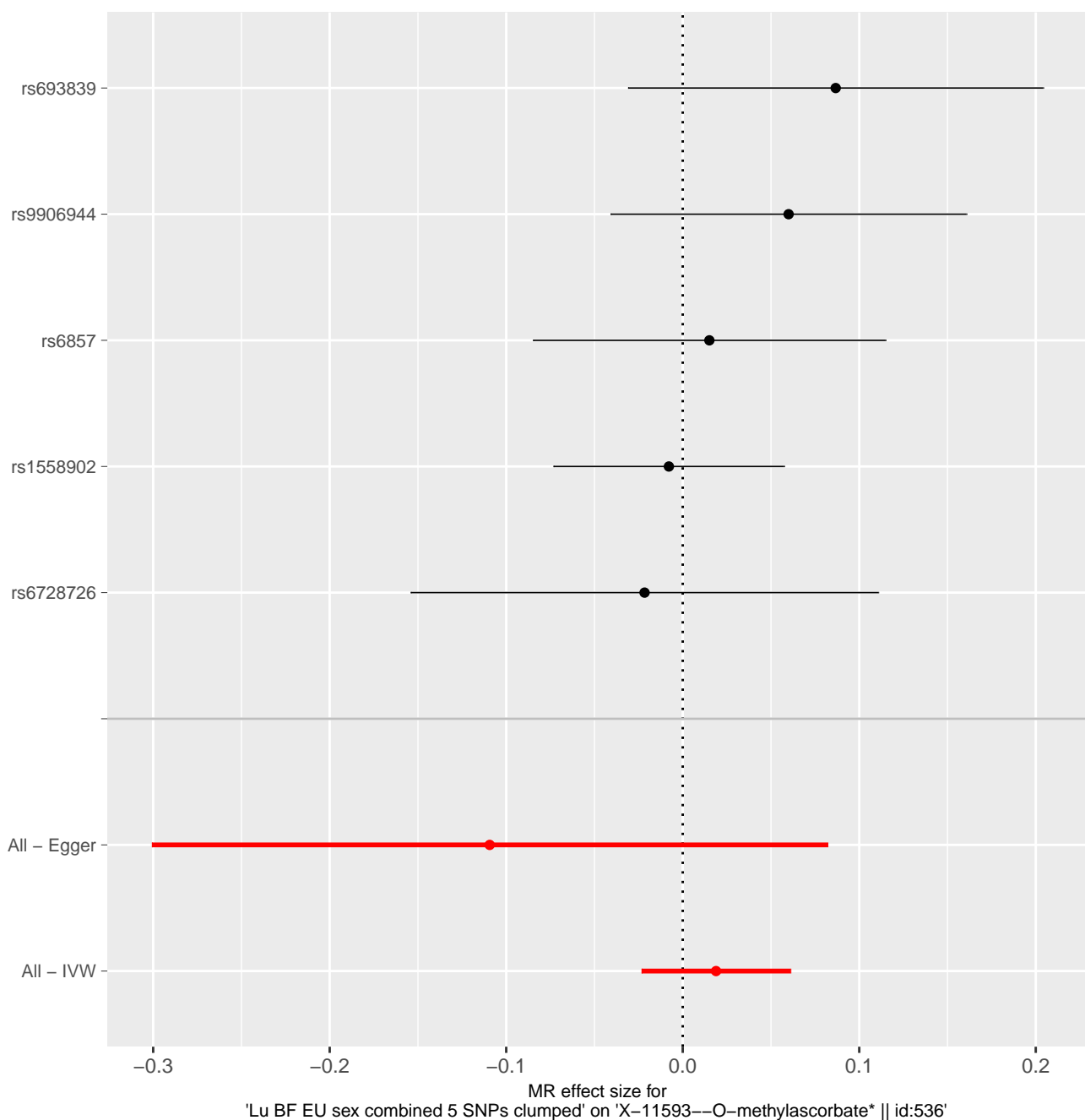
2

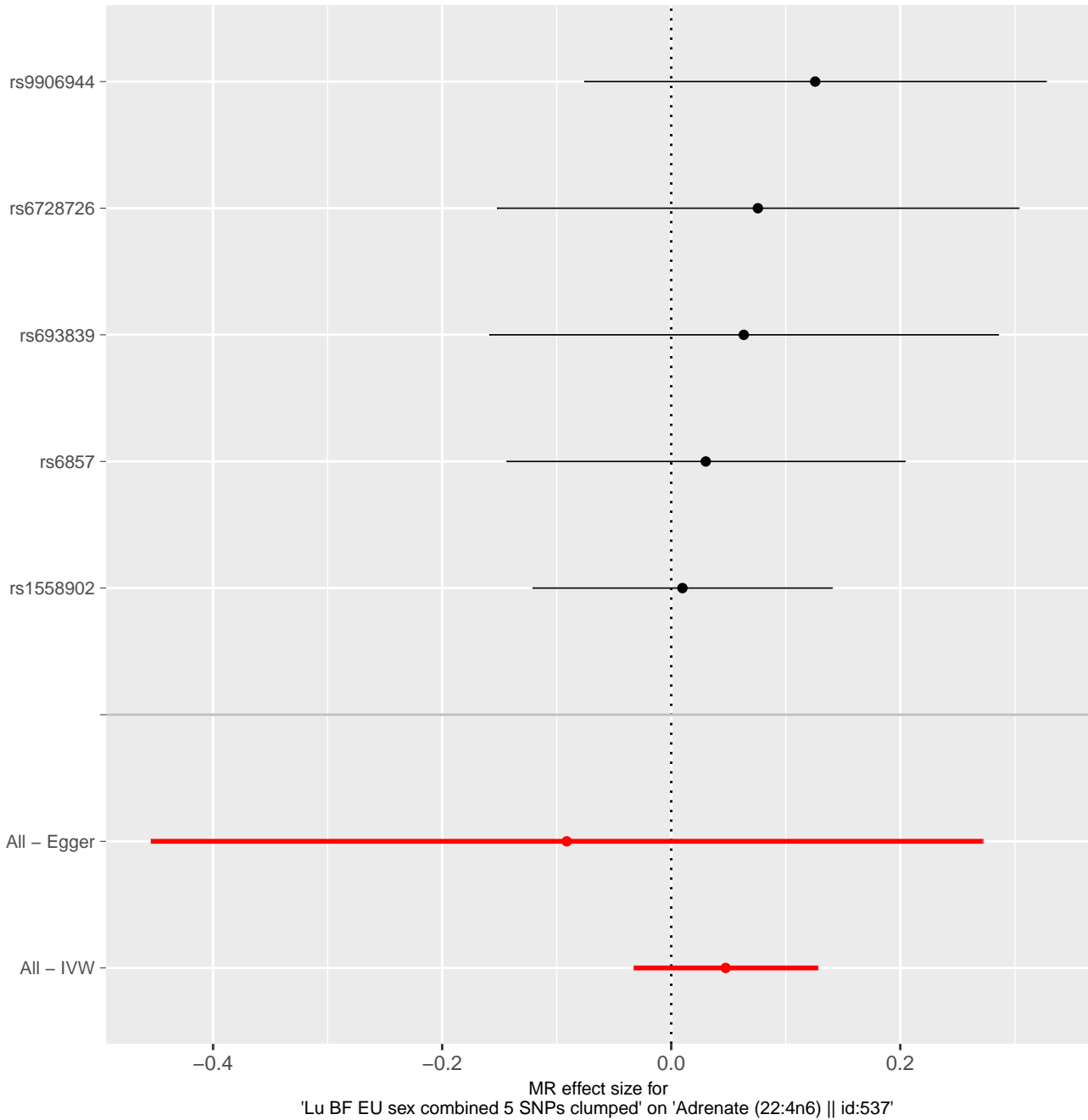
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11546 || id:533'











rs6728726

rs9906944

rs1558902

rs693839

rs6857

All – Egger

All – IVW

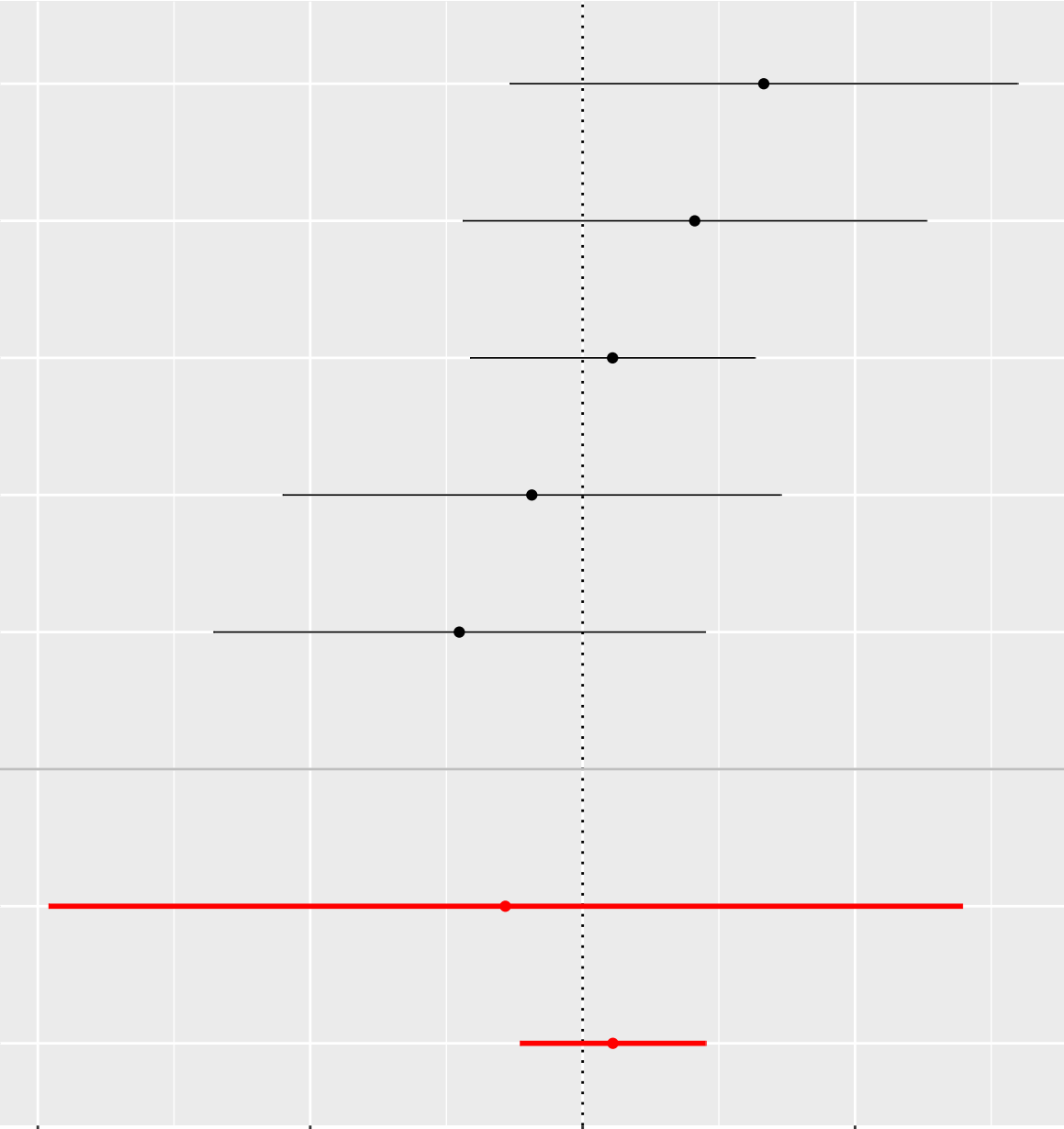
–1.0

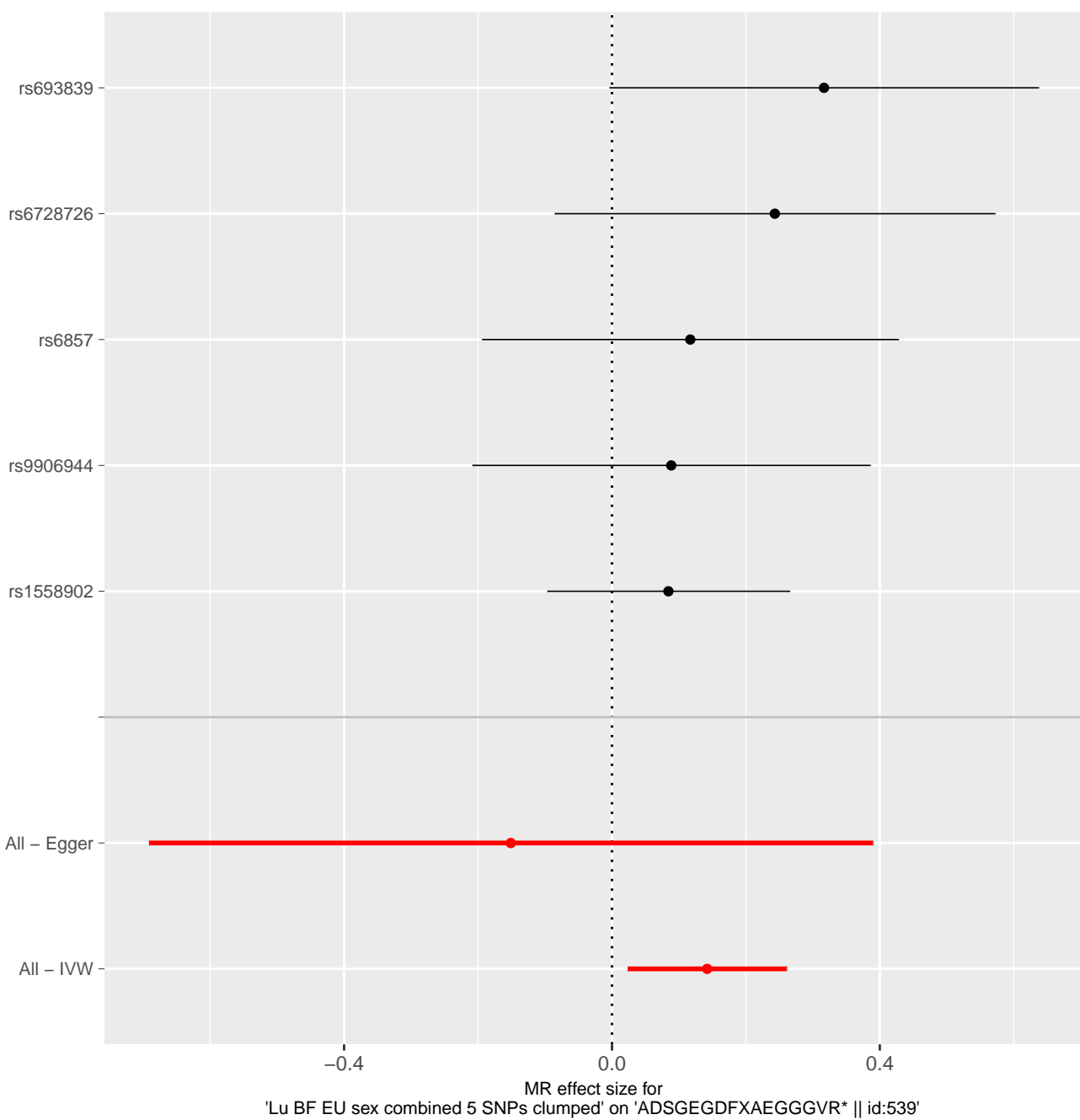
–0.5

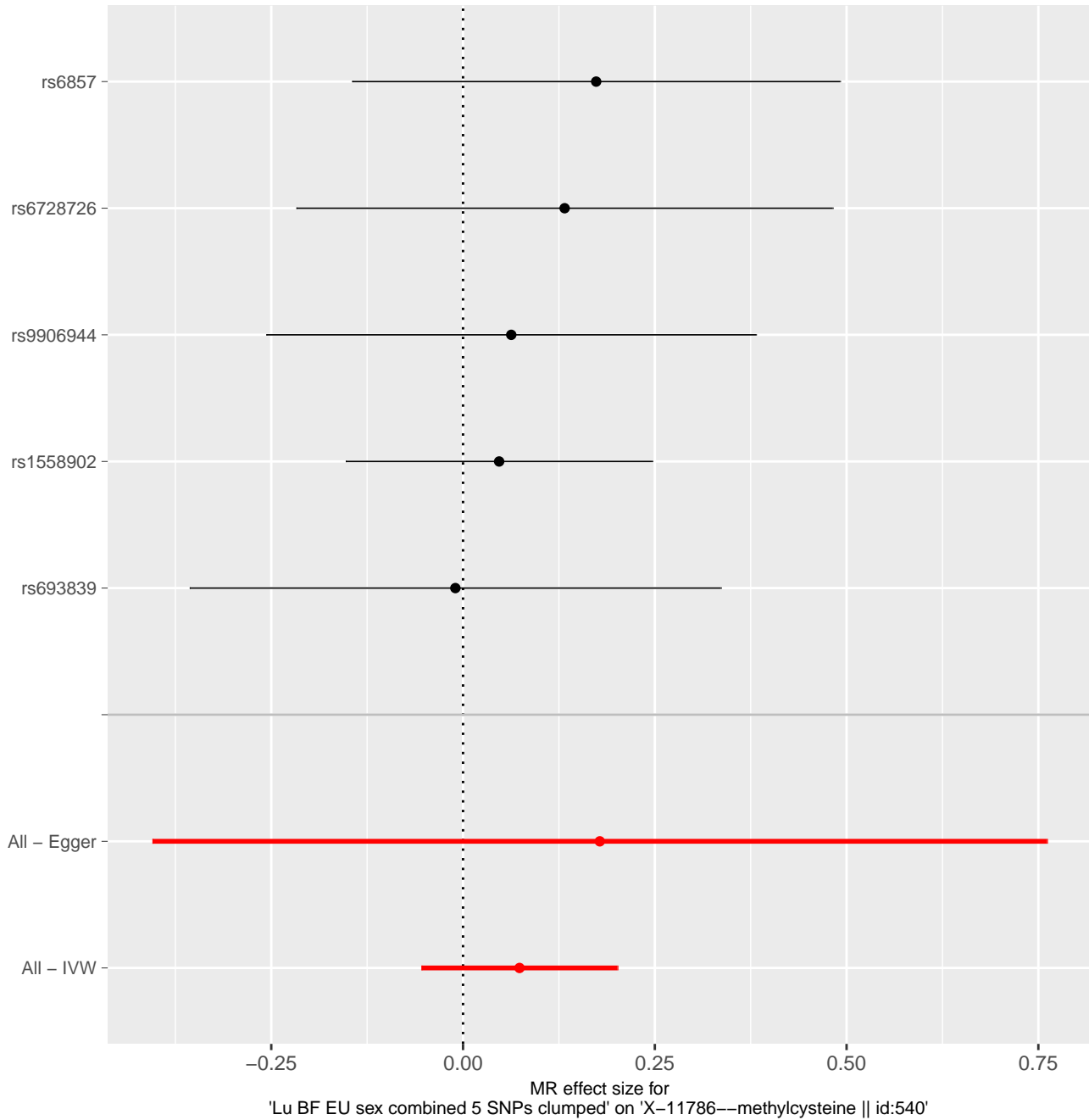
0.0

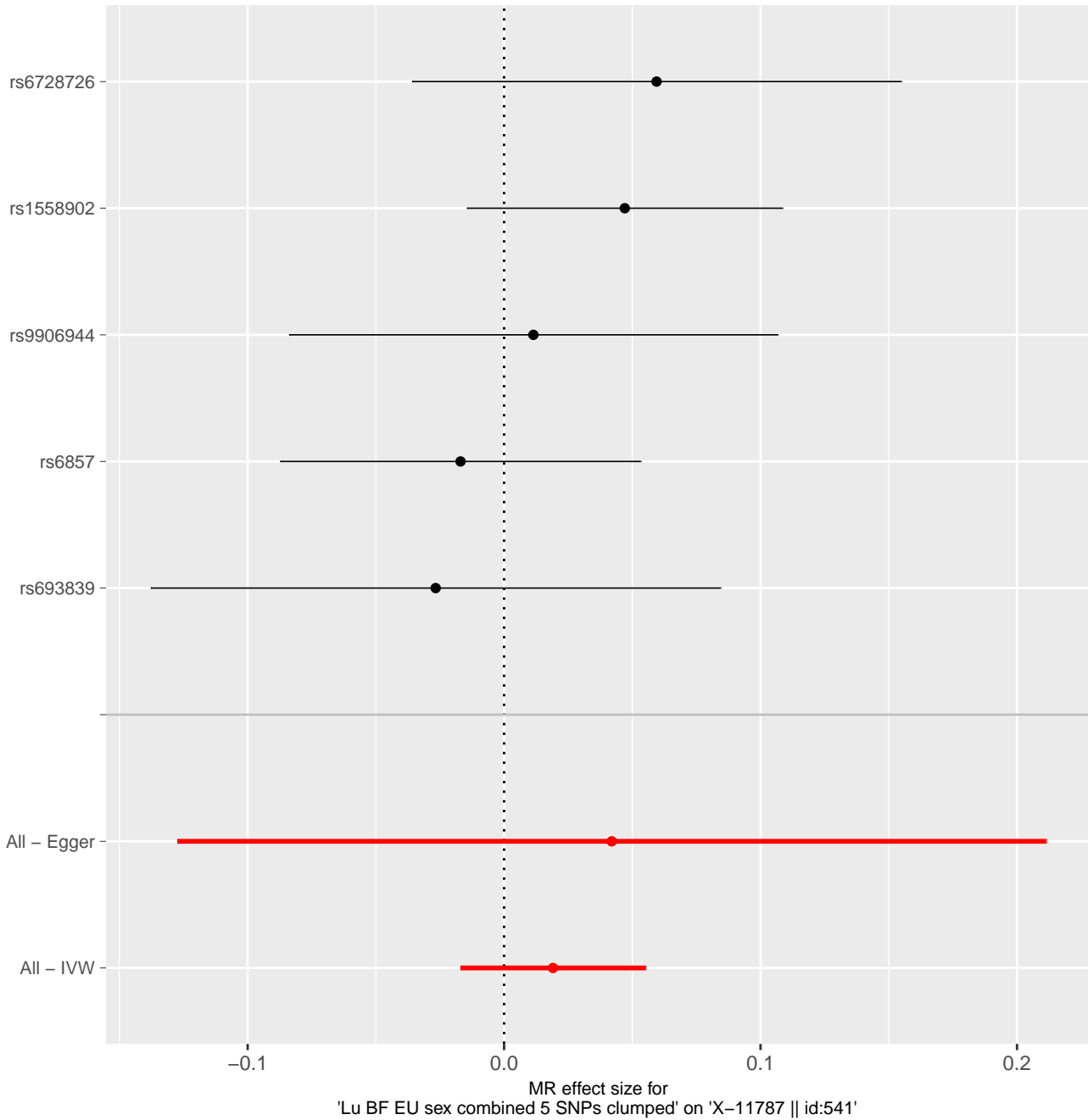
0.5

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Homostachydrine* || id:538'









rs1558902

rs693839

rs9906944

rs6857

rs6728726

All – Egger

All – IVW

-1.0

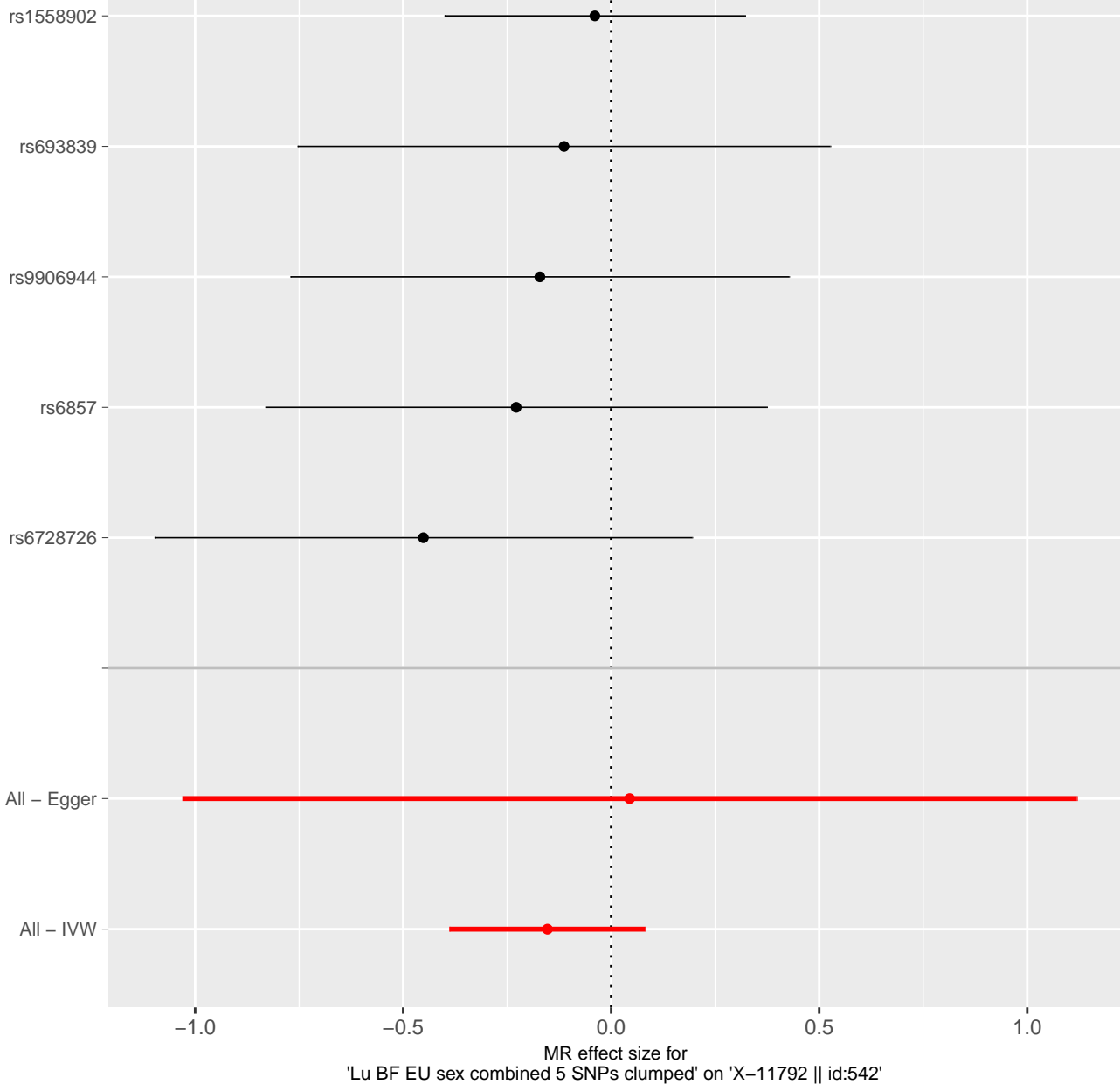
-0.5

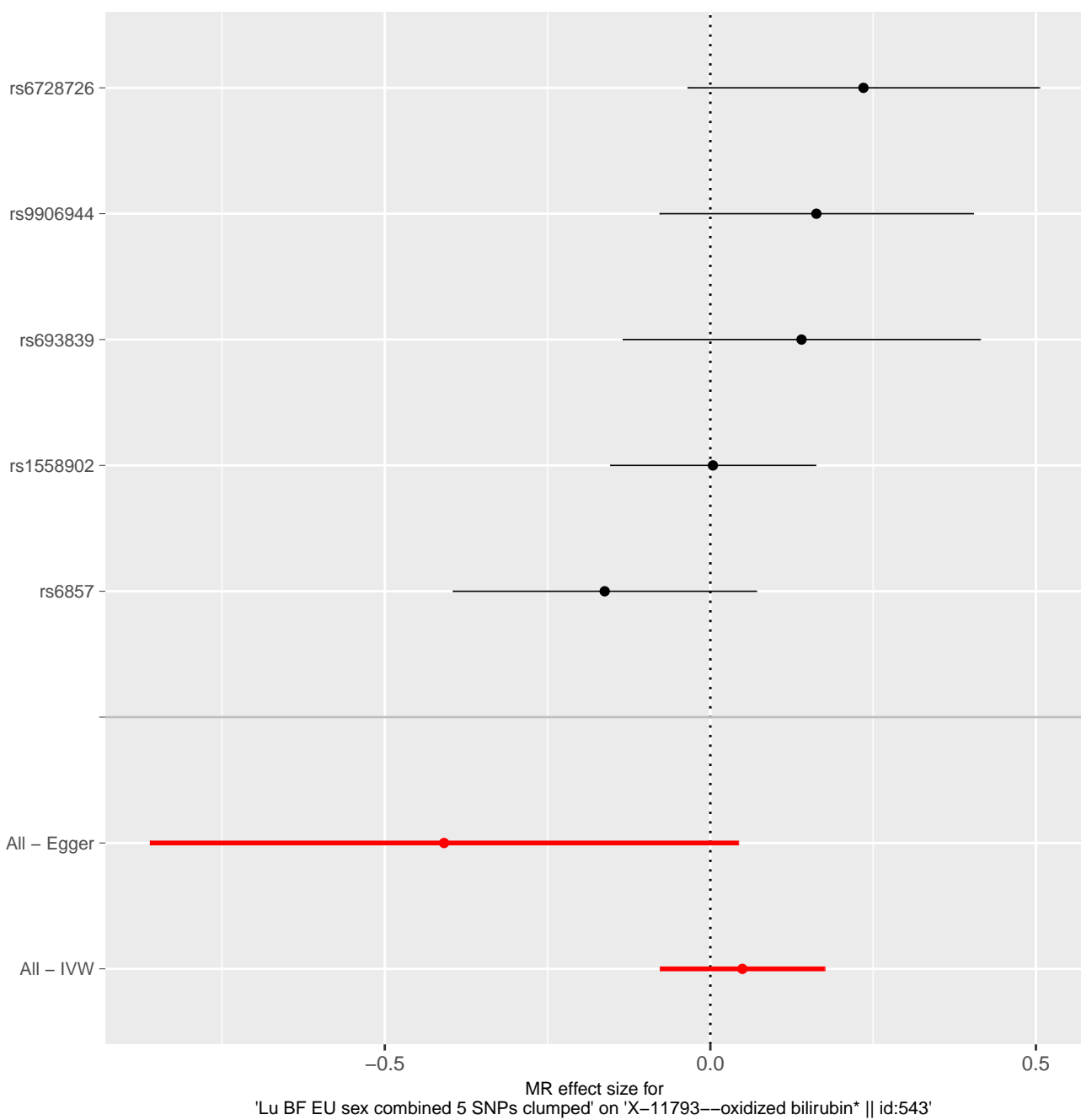
0.0

0.5

1.0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11792 || id:542'





rs6857

rs1558902

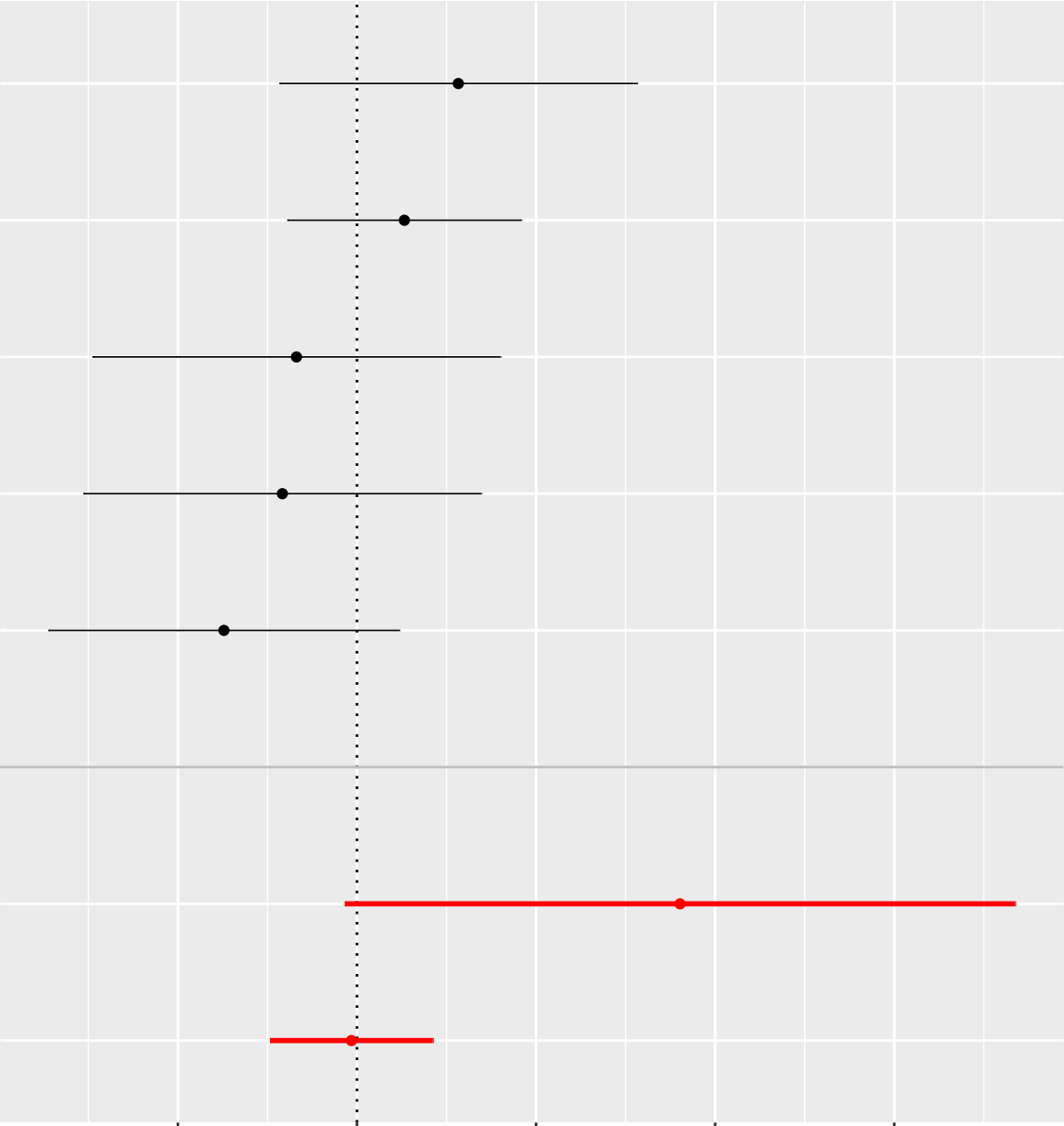
rs6728726

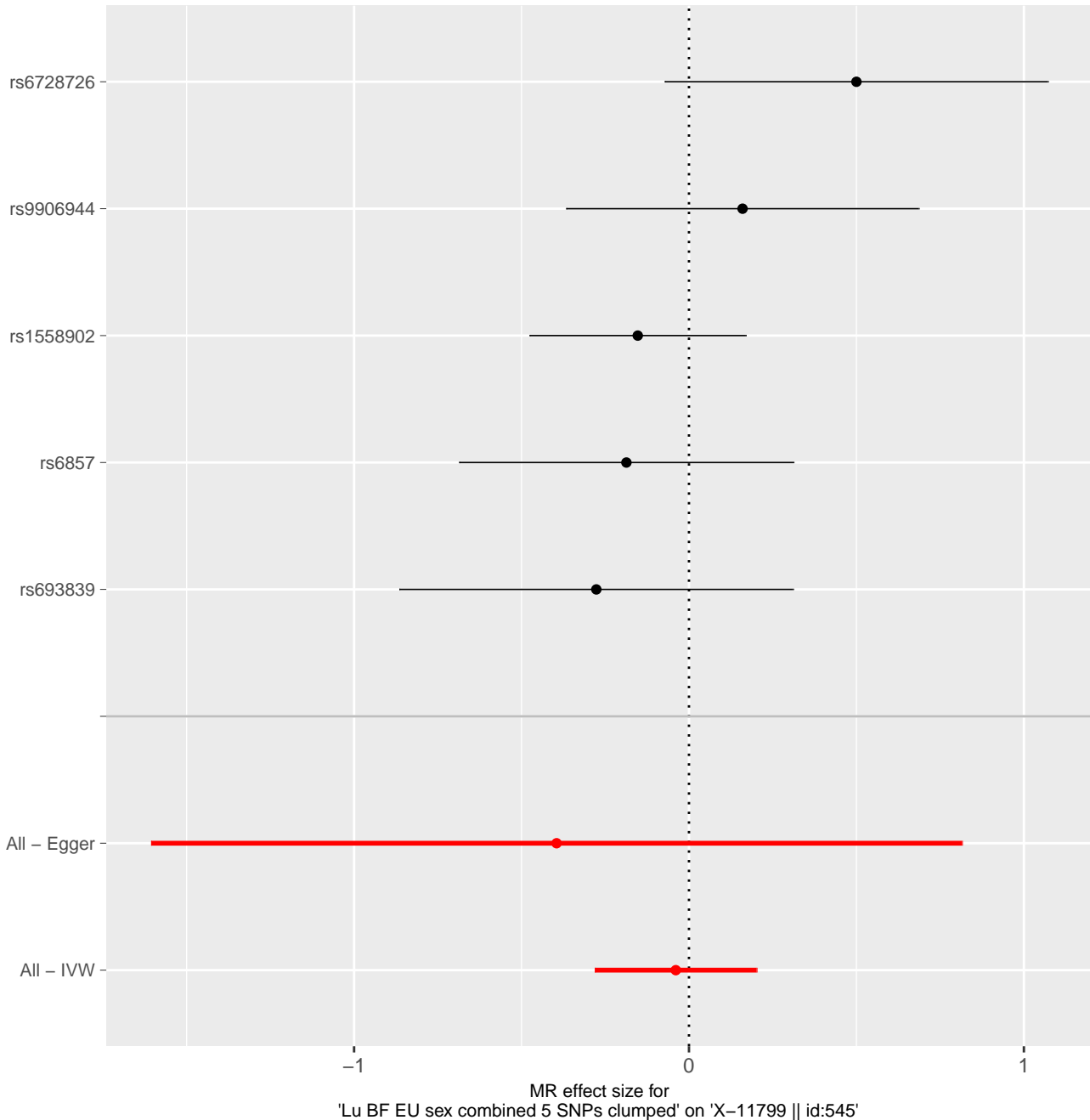
rs693839

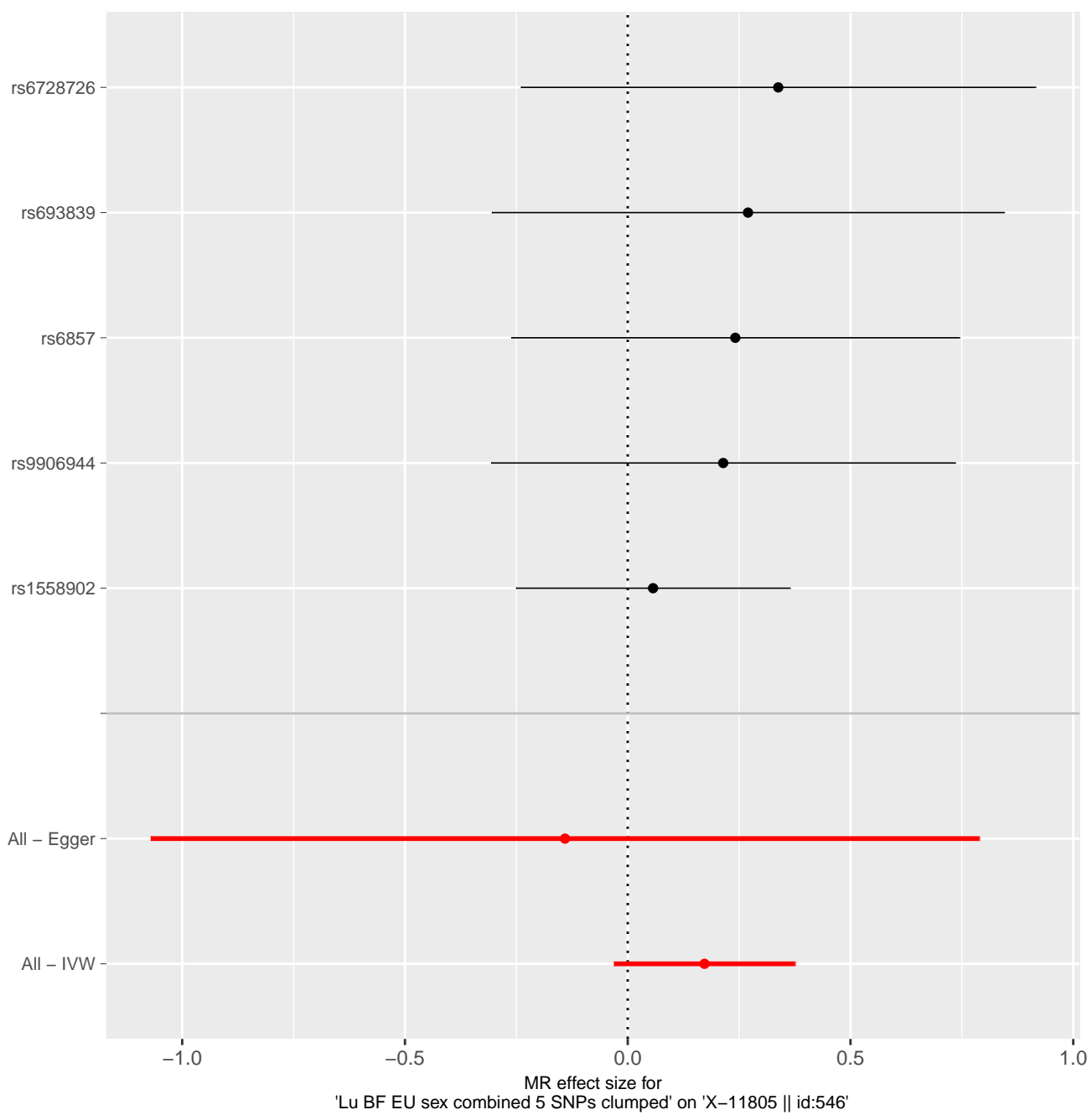
rs9906944

All – Egger

All – IVW







rs1558902

rs9906944

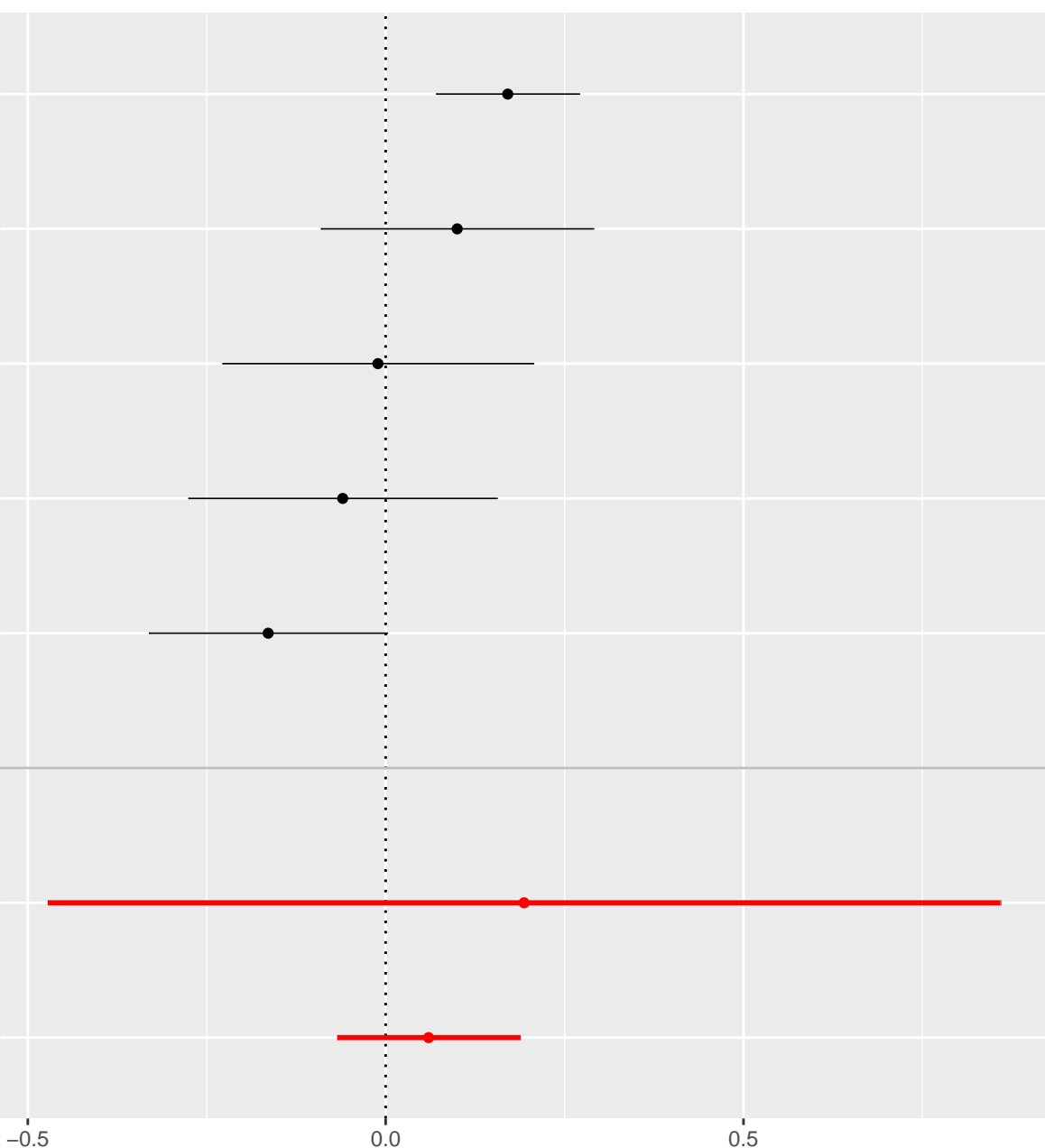
rs6728726

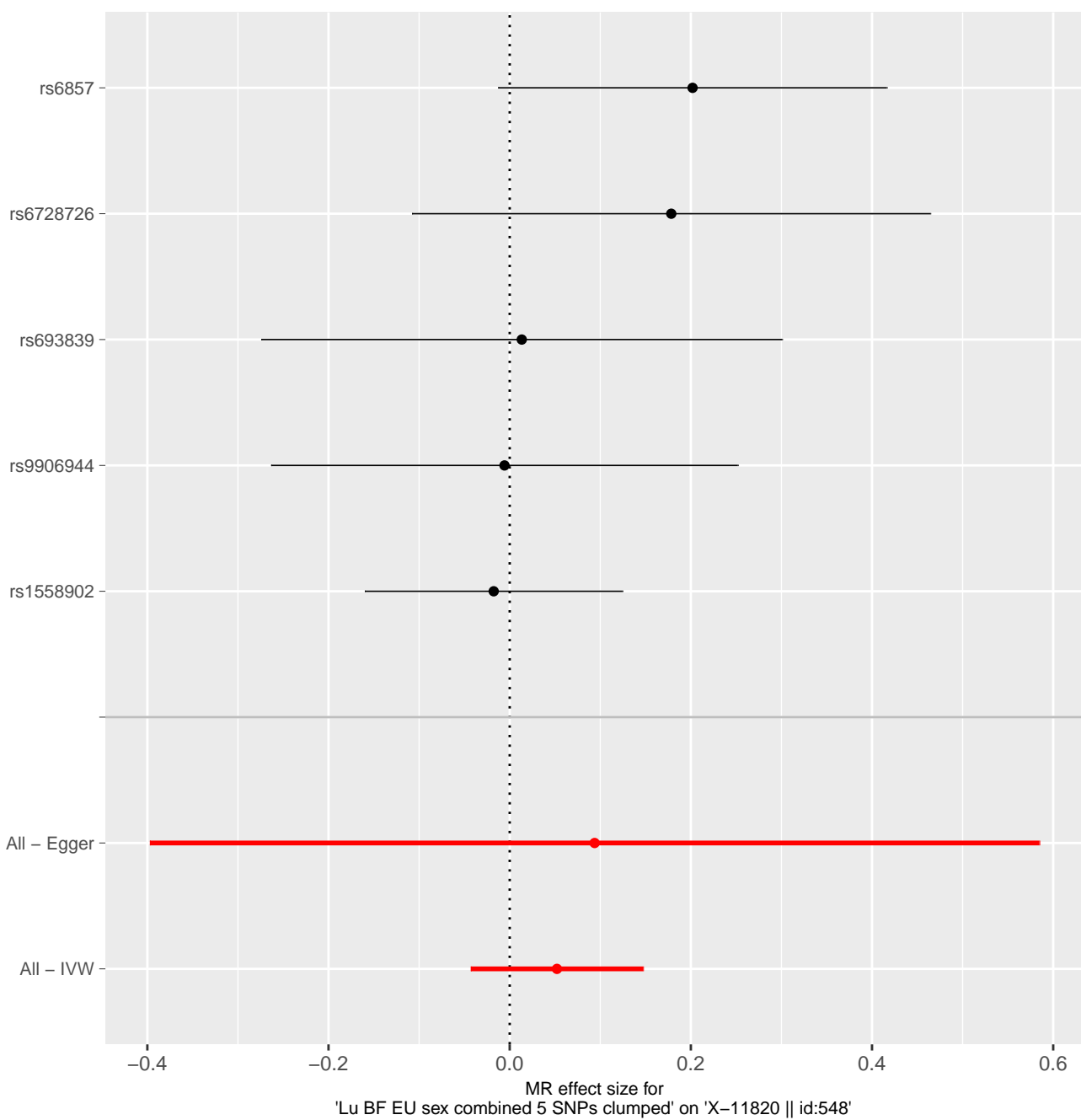
rs693839

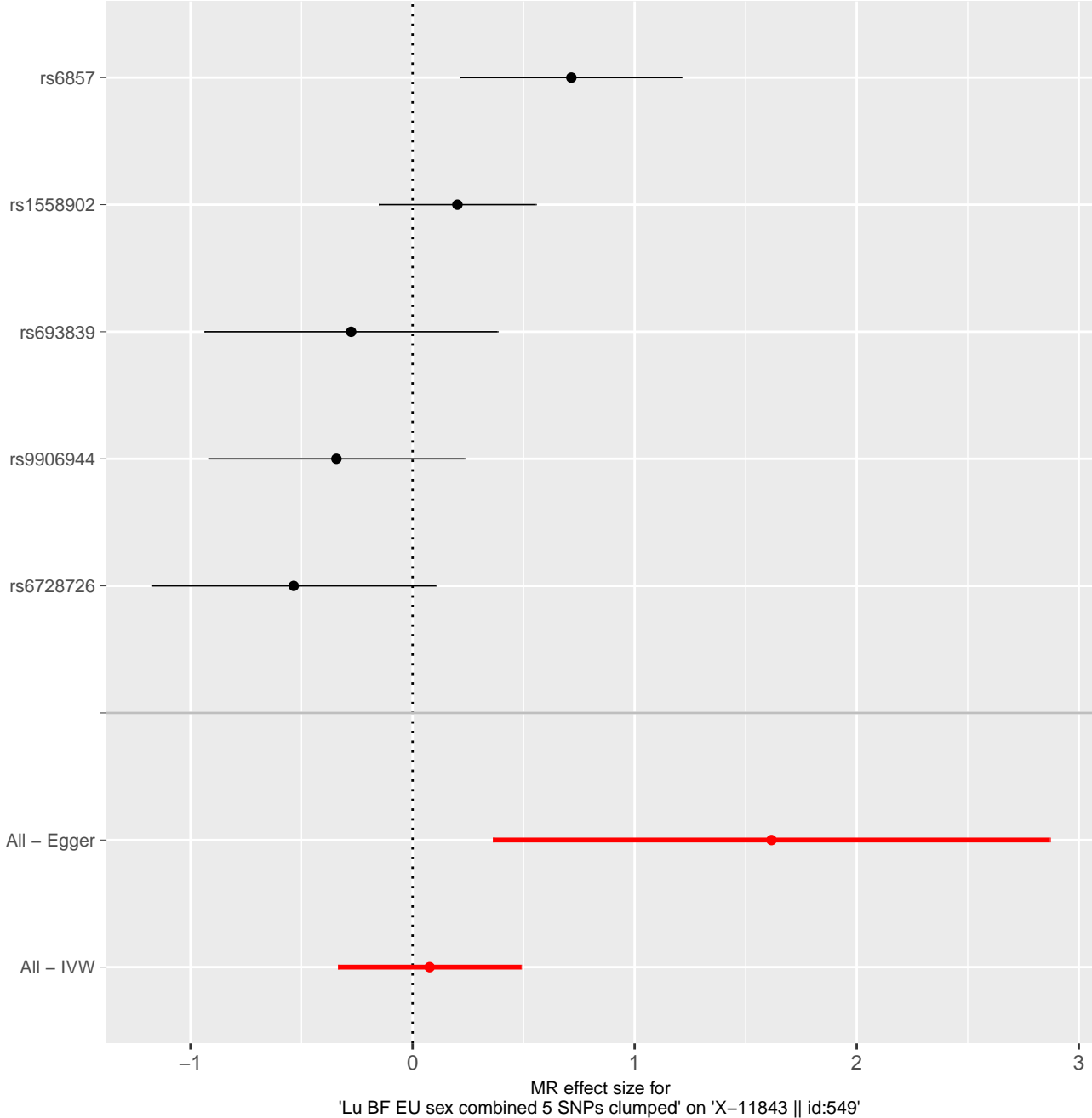
rs6857

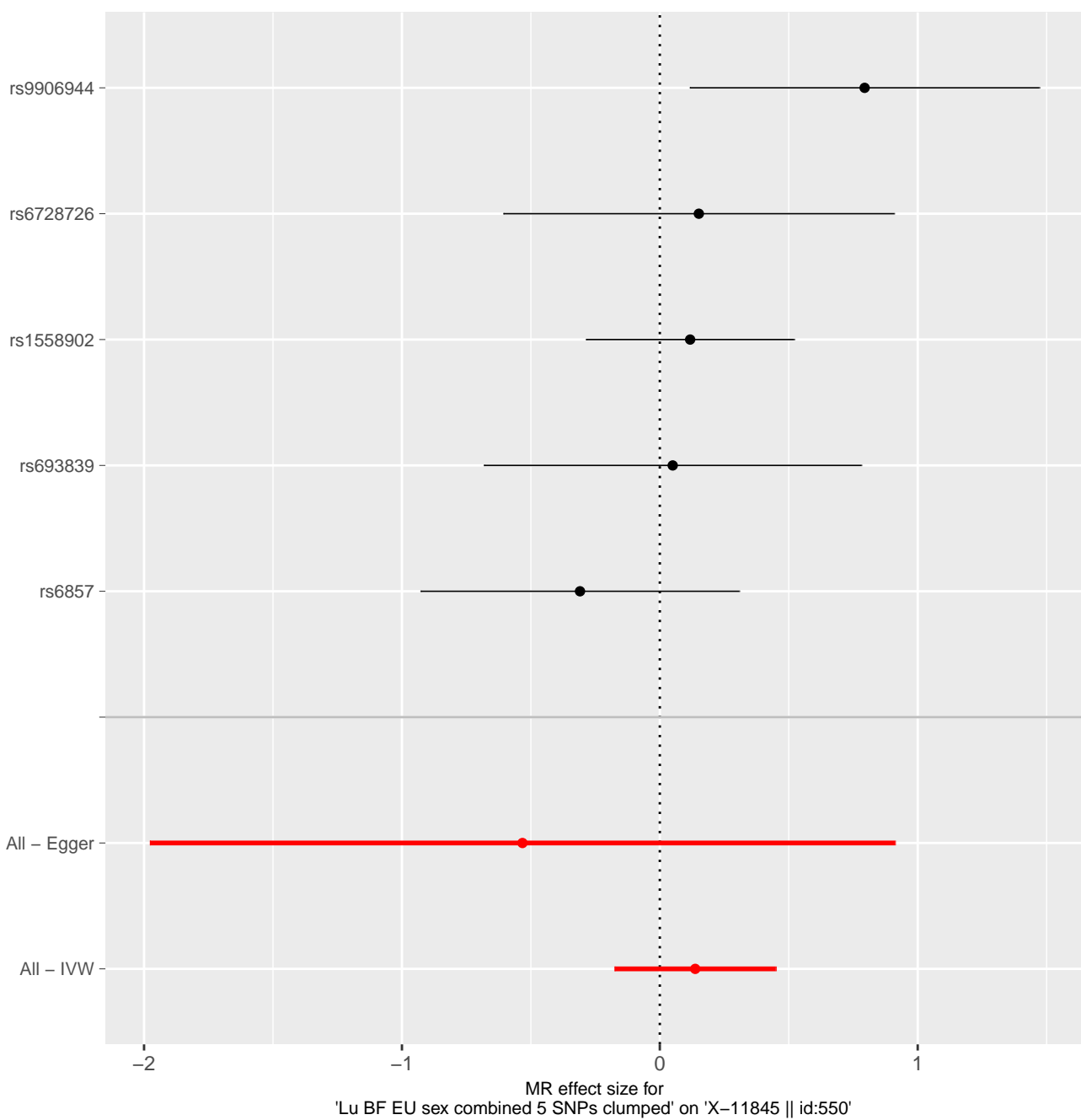
All – Egger

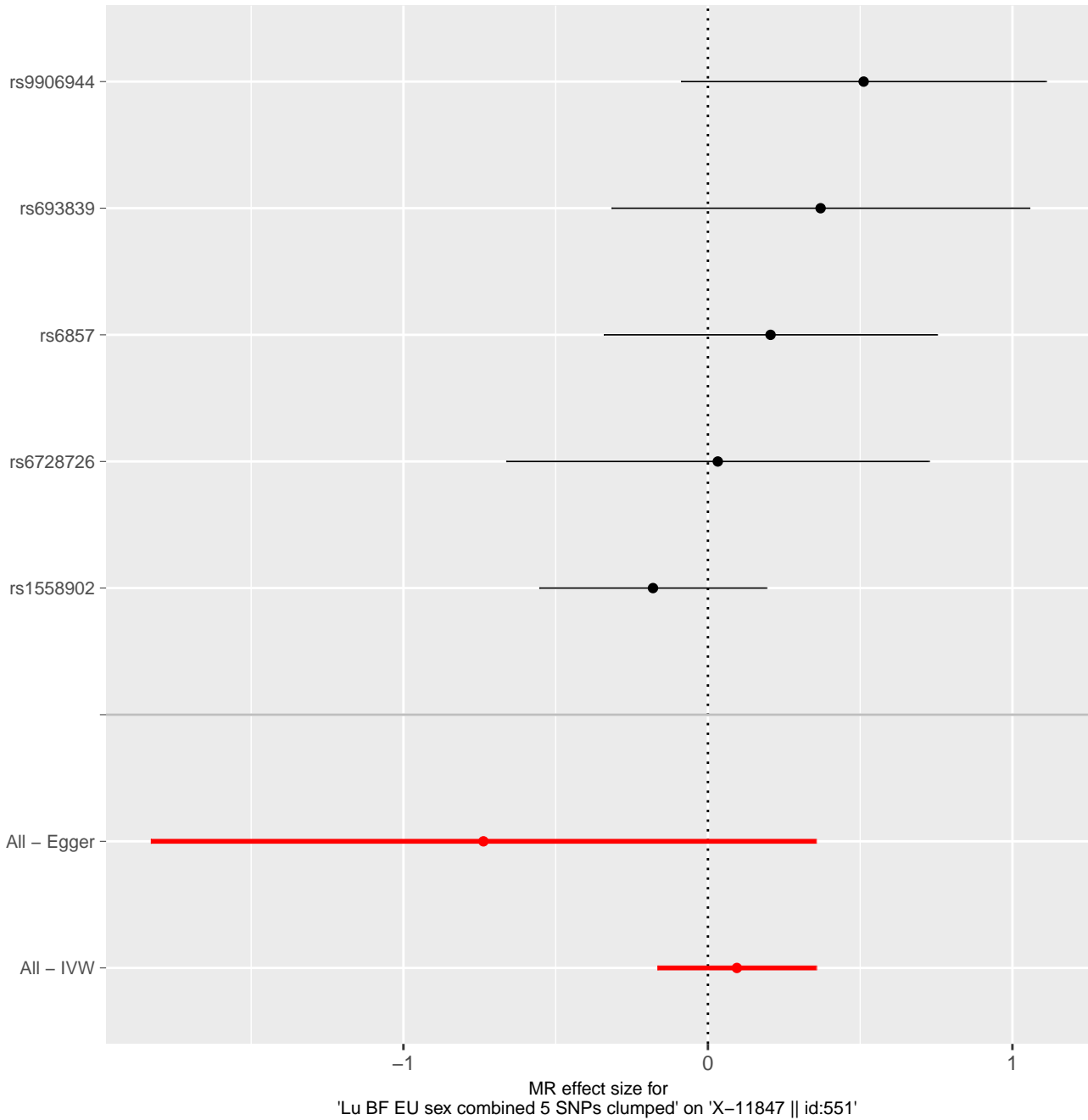
All – IVW

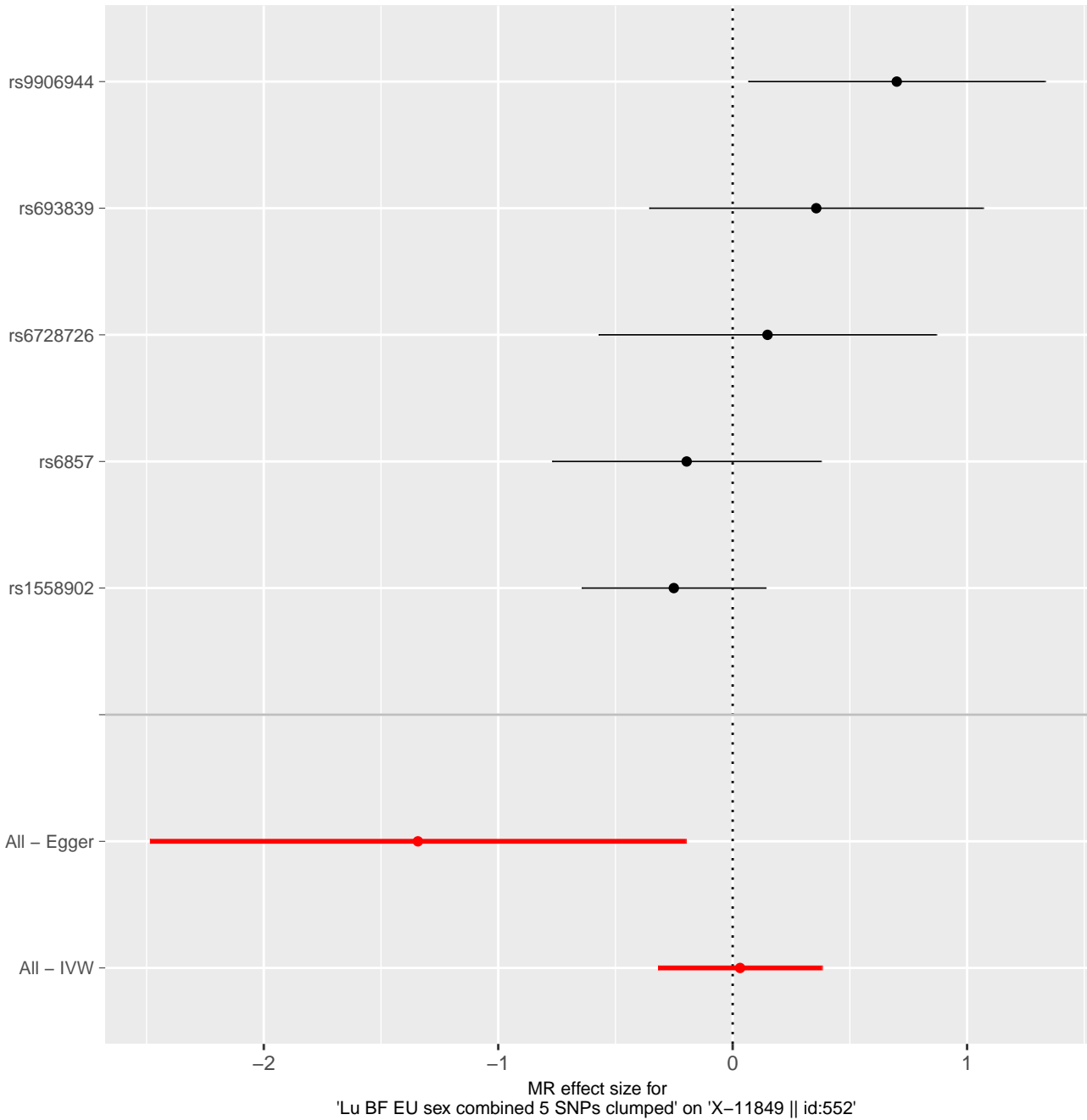












rs6857

rs1558902

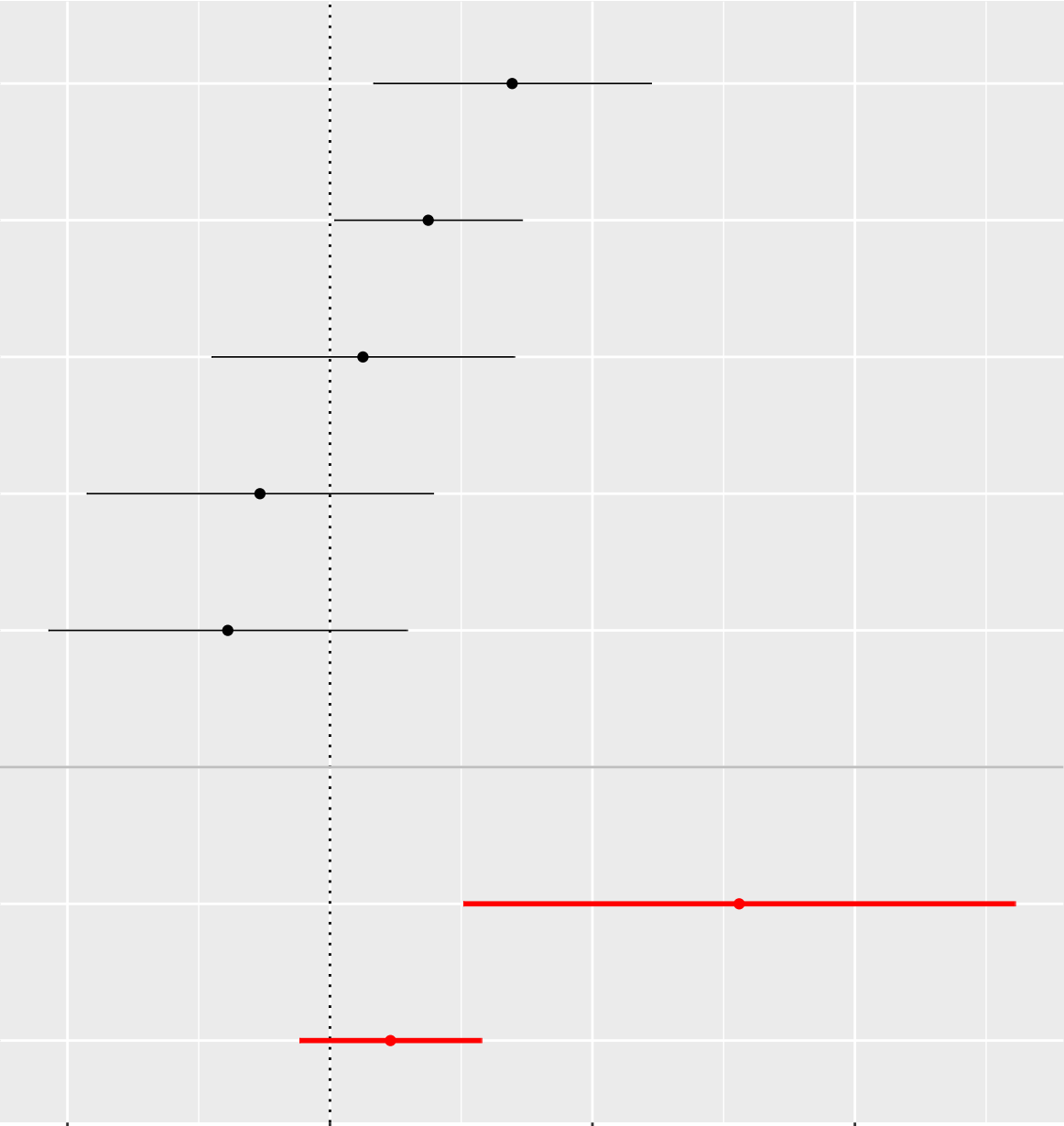
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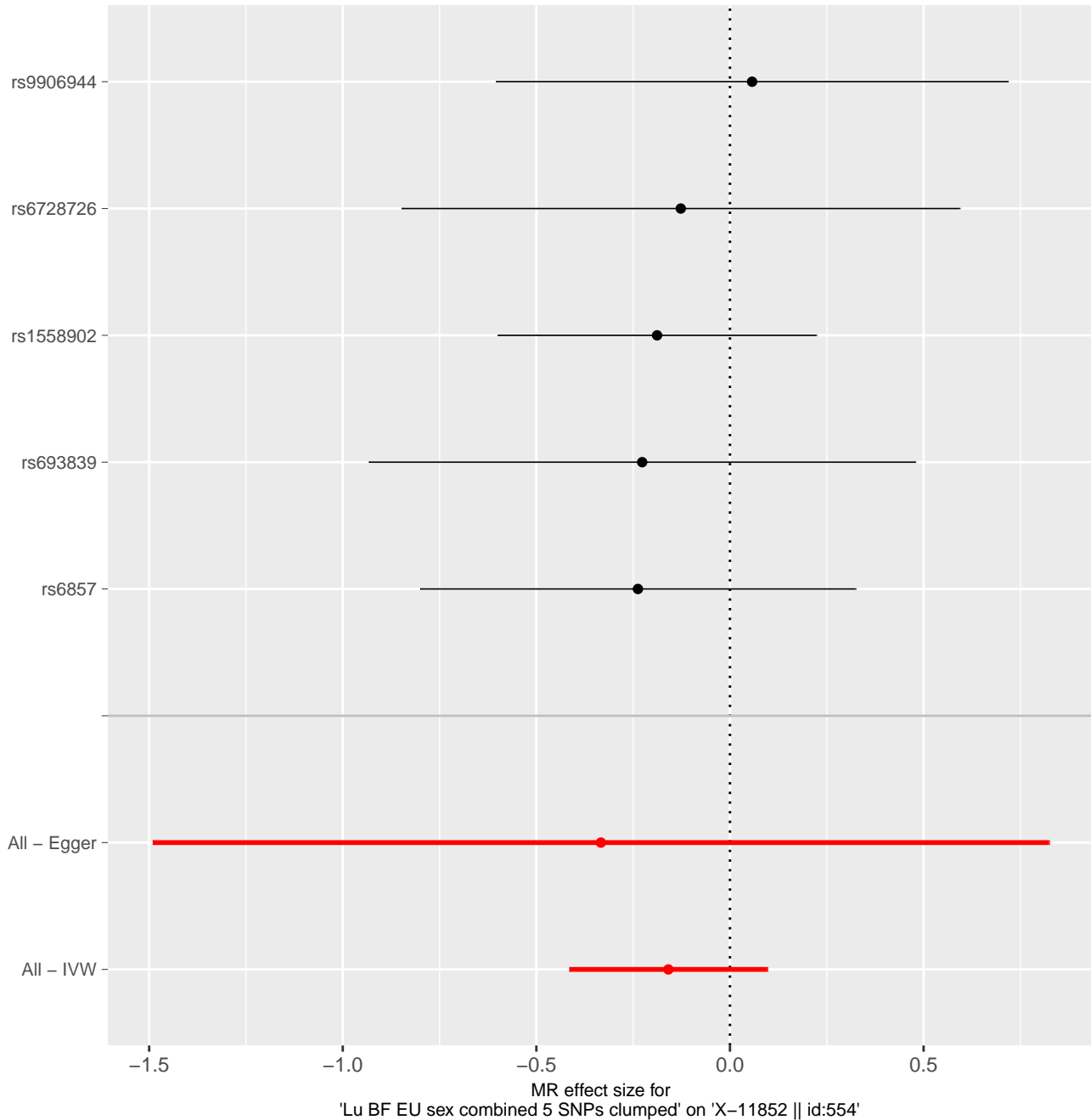
rs693839

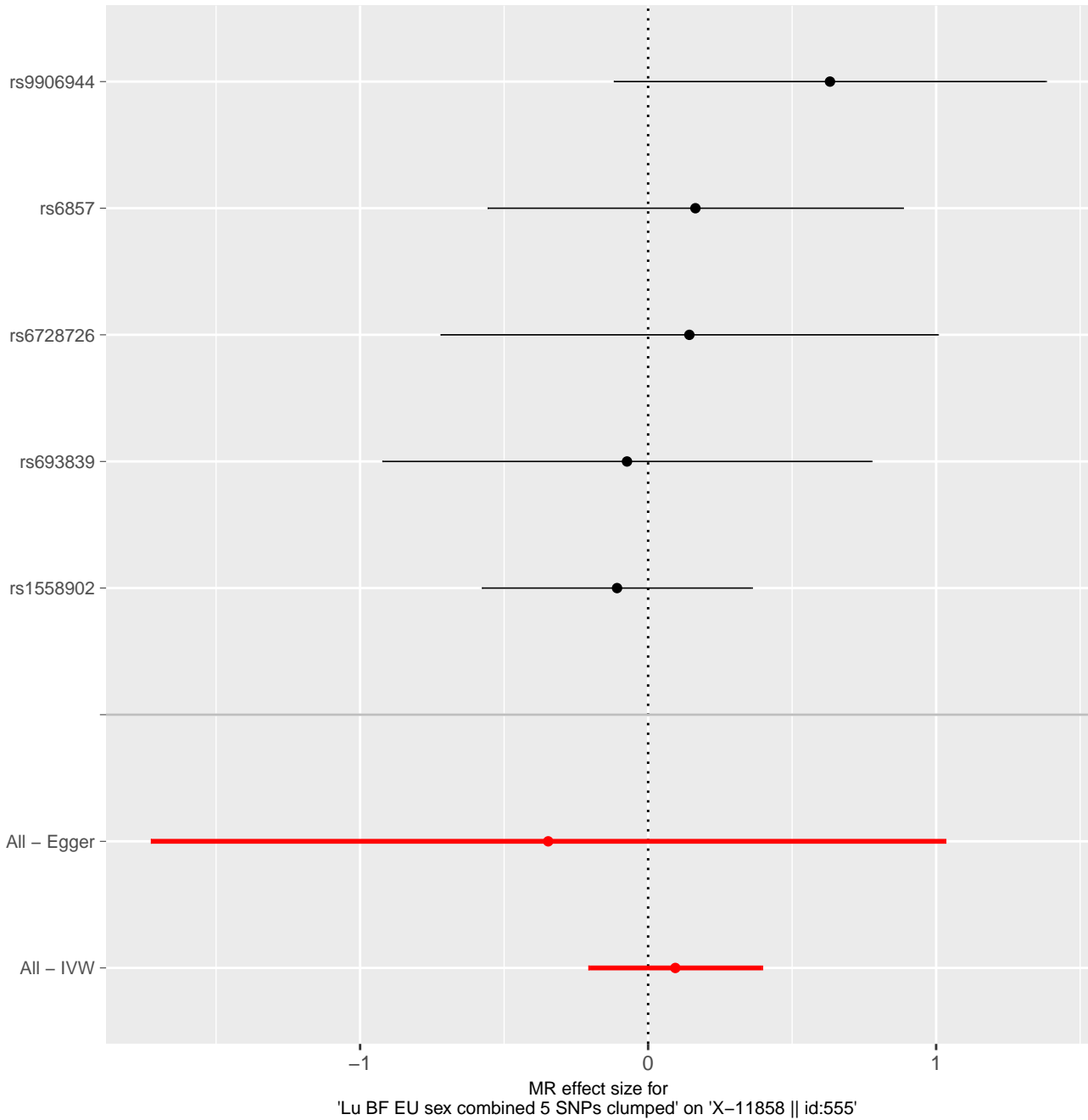
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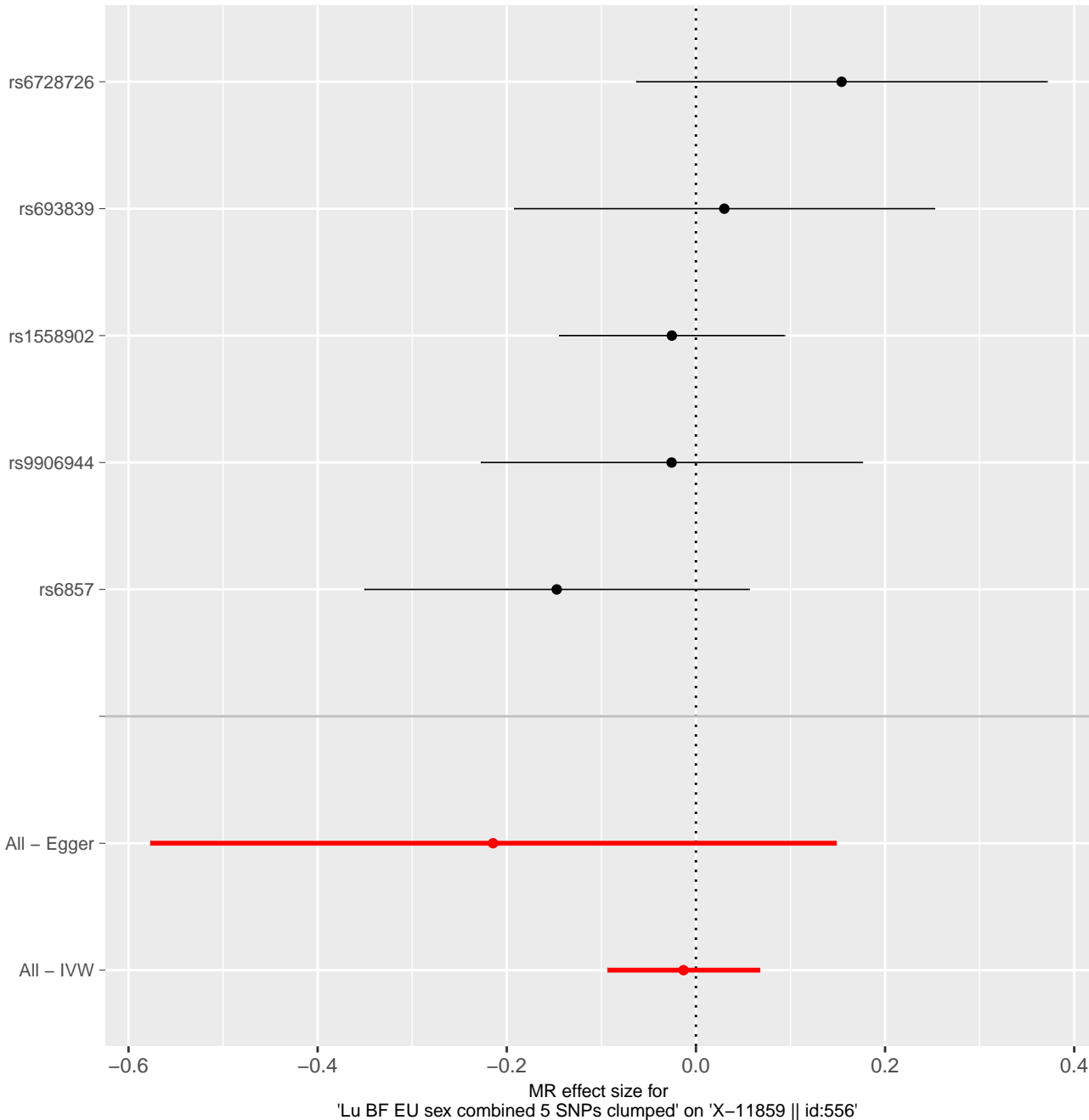
All – Egger

All – IVW









rs1558902

rs6857

rs9906944

rs693839

rs6728726

All – Egger

All – IVW

-0.25

0.00

0.25

0.50

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'X-11876 || id:557'

rs6857

rs6728726

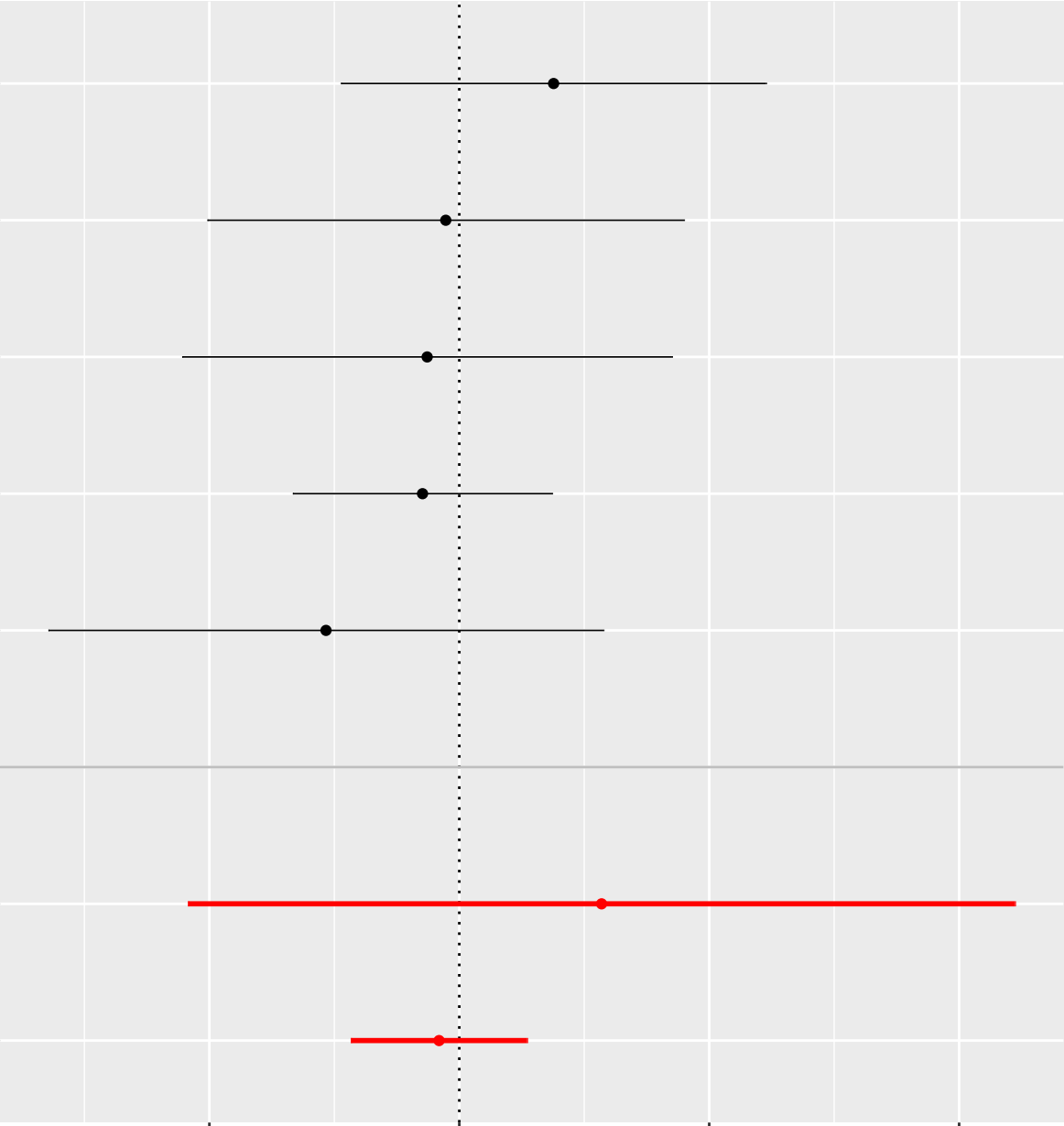
rs9906944

rs1558902

rs693839

All – Egger

All – IVW



rs6728726

rs6857

rs9906944

rs1558902

rs693839

All – Egger

All – IVW

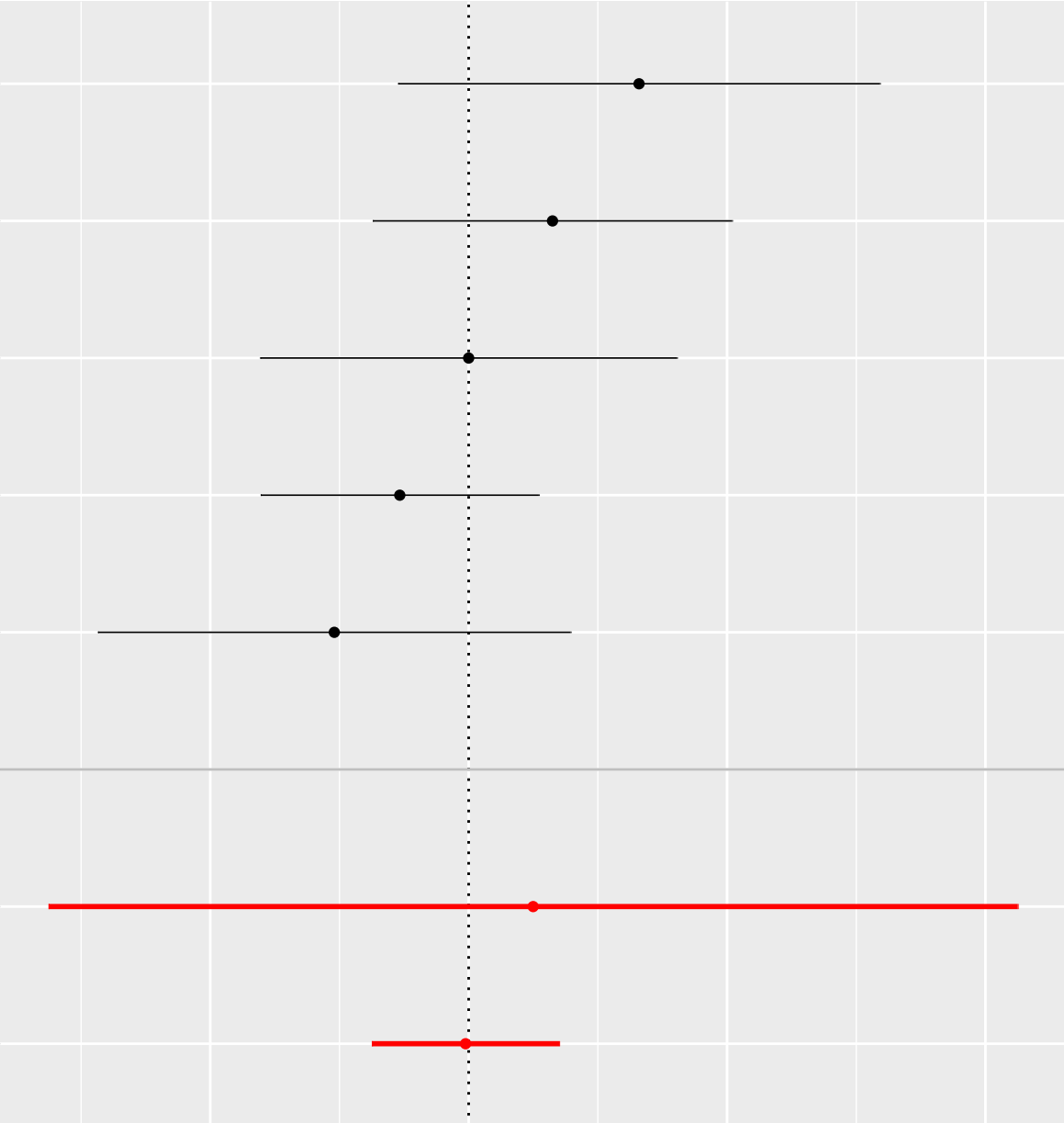
–0.25

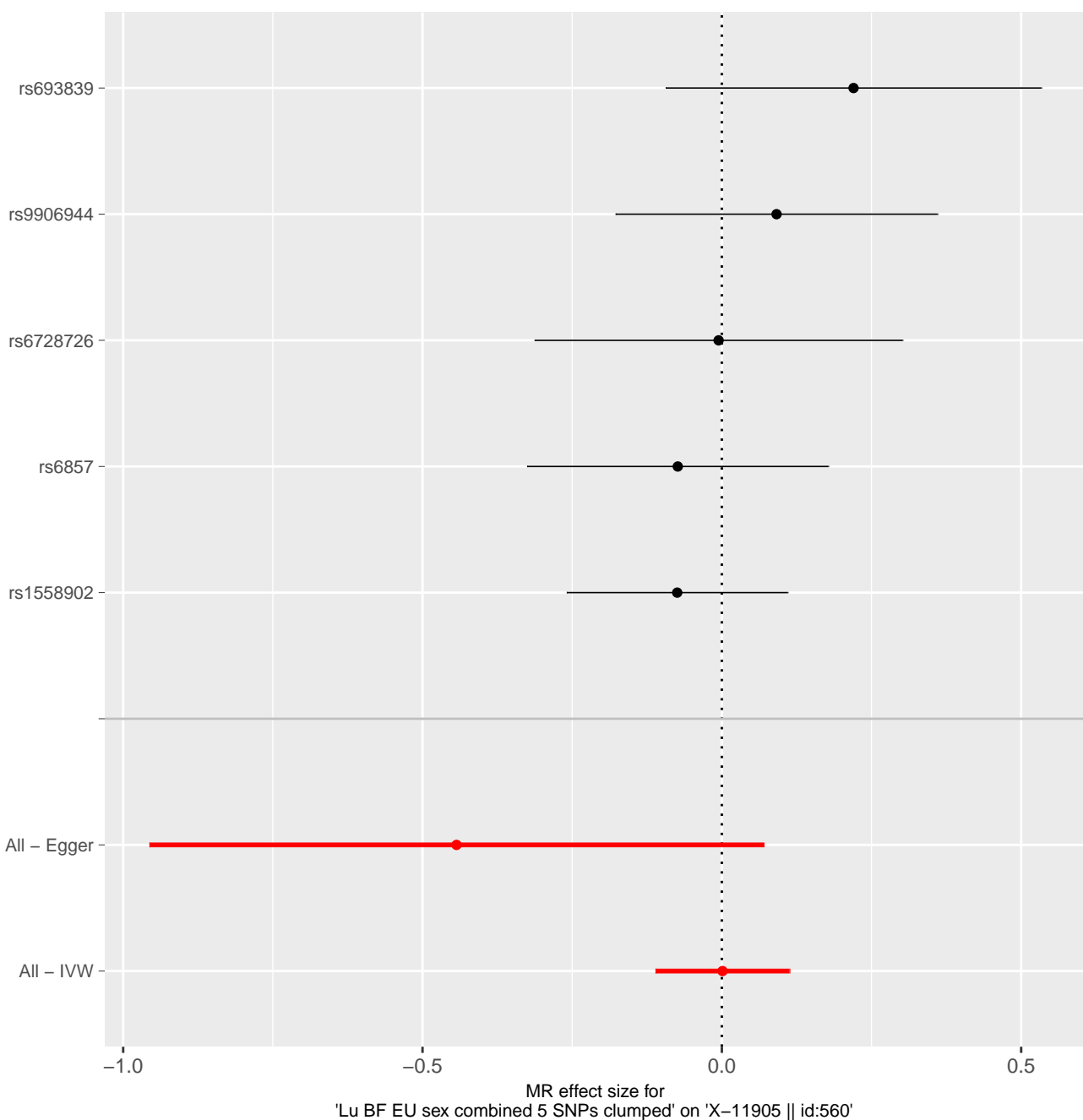
0.00

0.25

0.50

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on '1–palmitoleoylglycerophosphocholine* || id:559'





rs6857

rs6728726

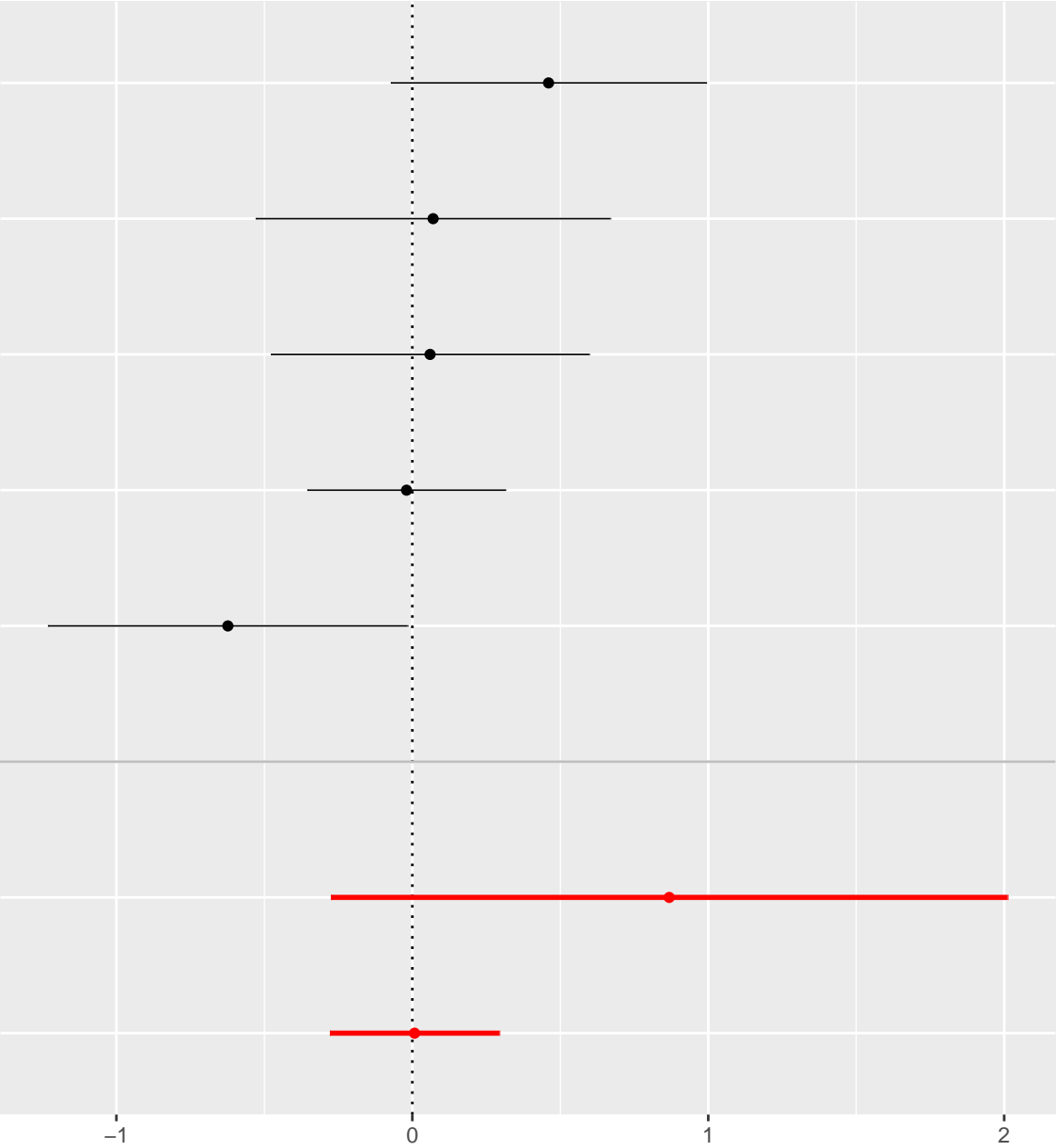
rs9906944

rs1558902

rs693839

All – Egger

All – IVW



rs1558902

rs6857

rs9906944

rs693839

rs6728726

All – Egger

All – IVW

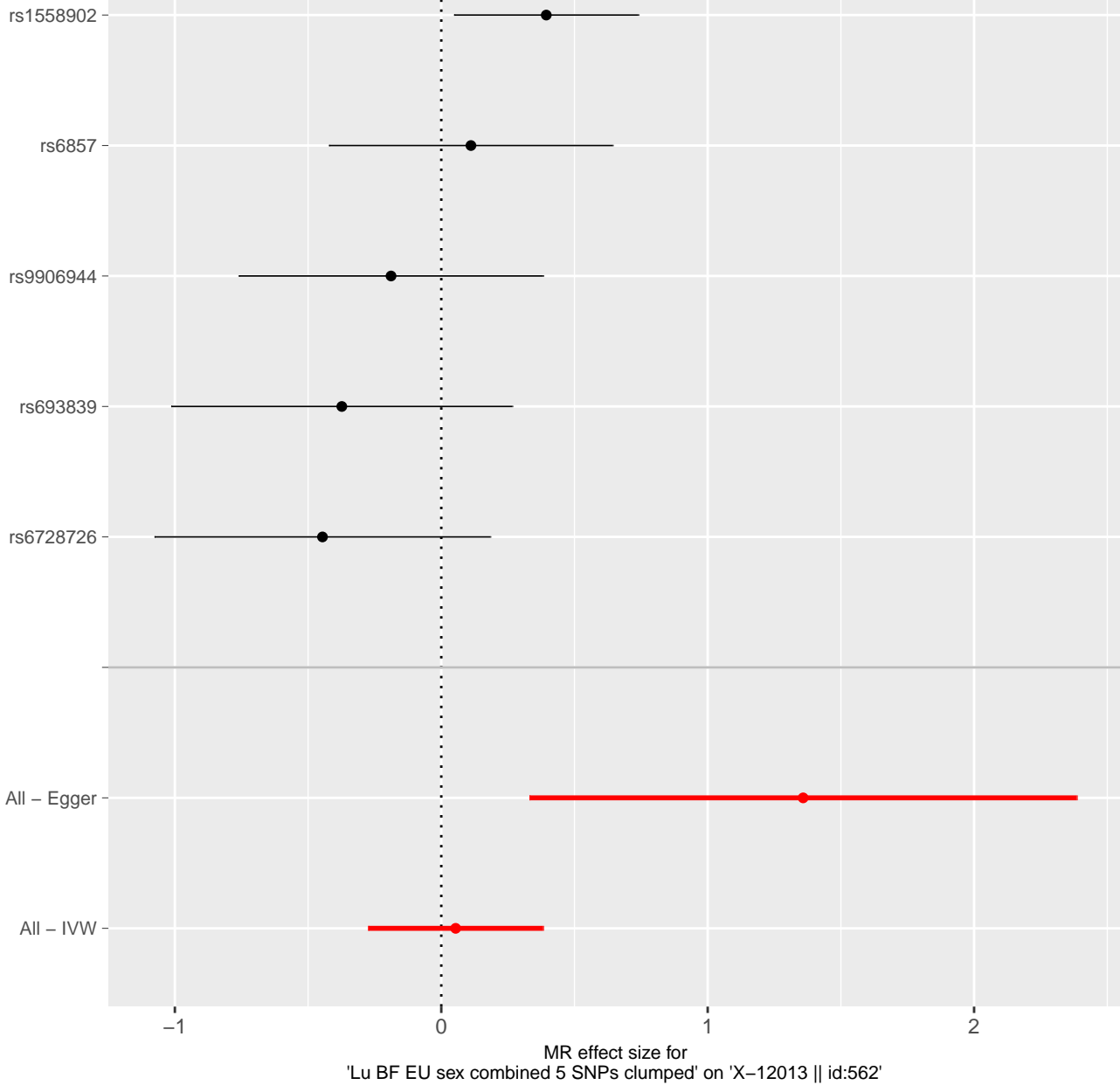
-1

0

1

2

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12013 || id:562'



rs6728726

rs6857

rs1558902

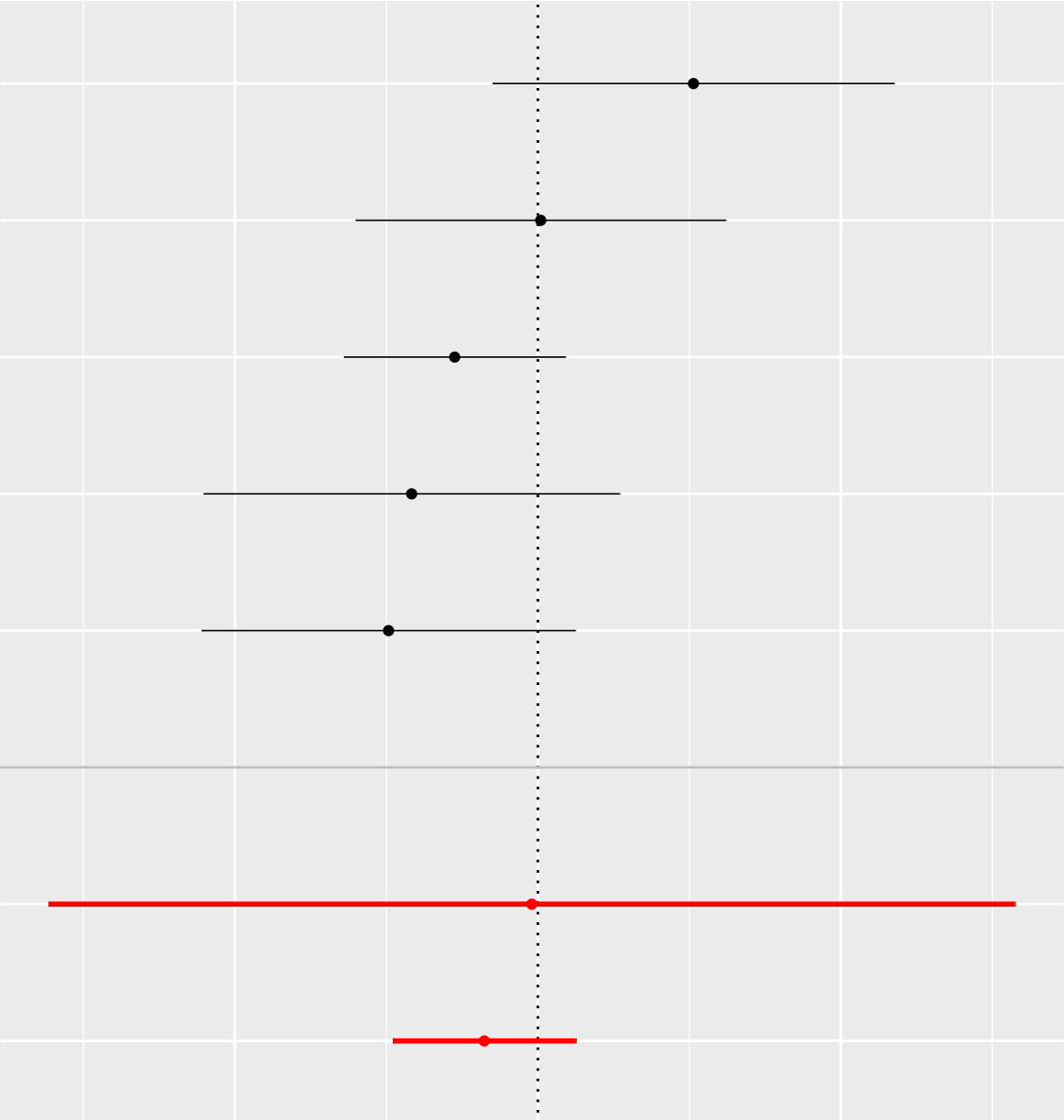
rs693839

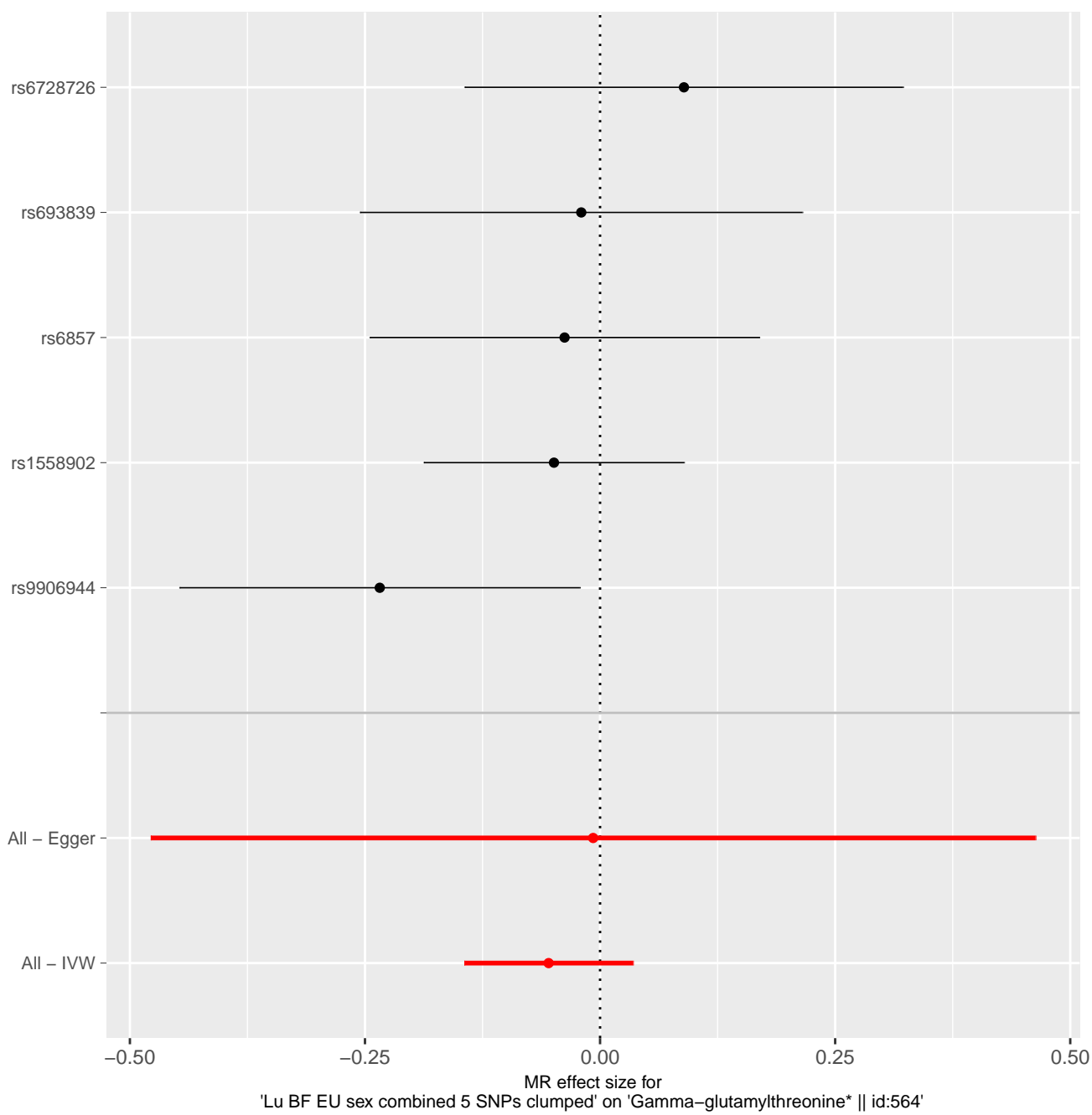
rs9906944

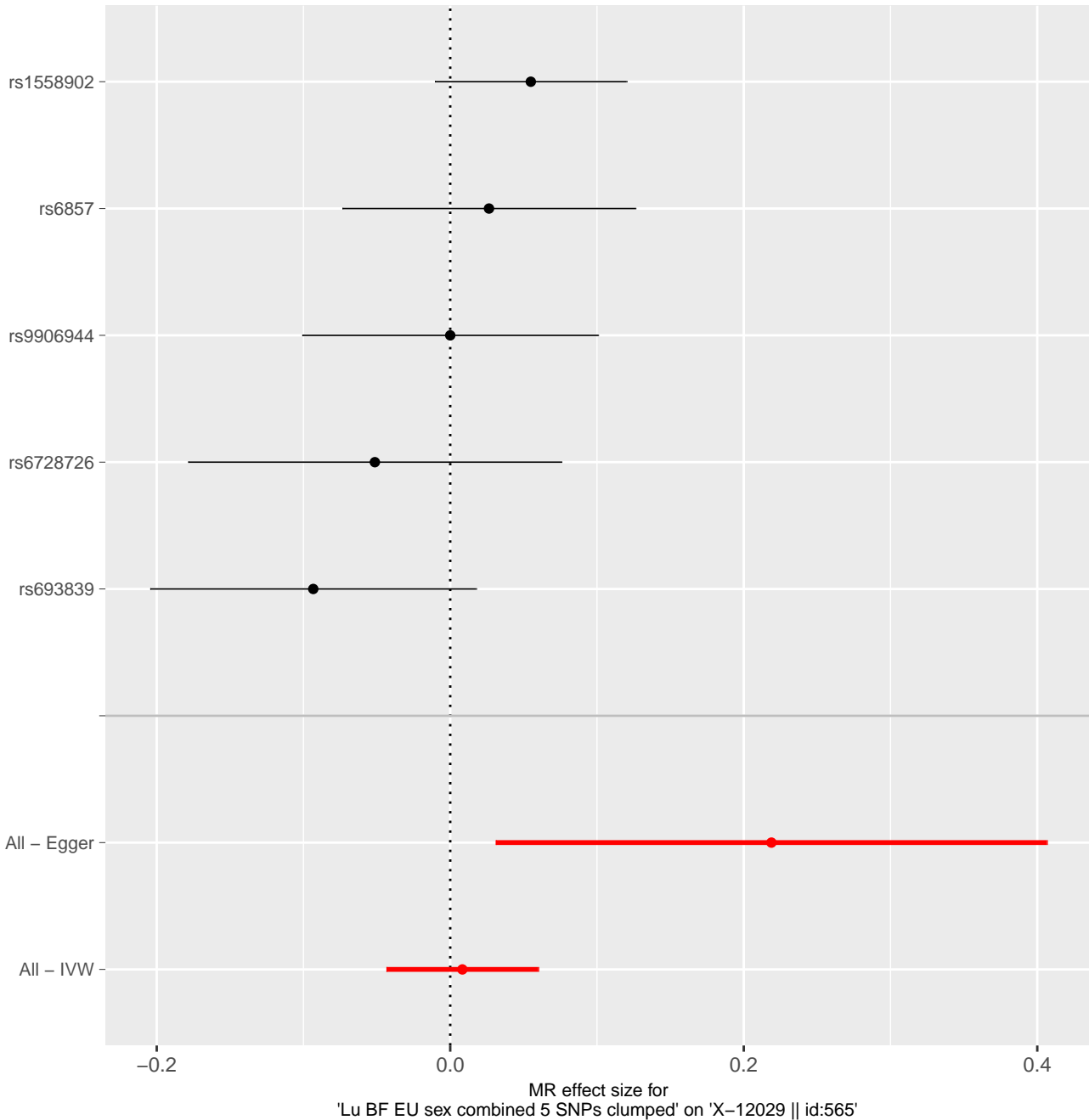
All – Egger

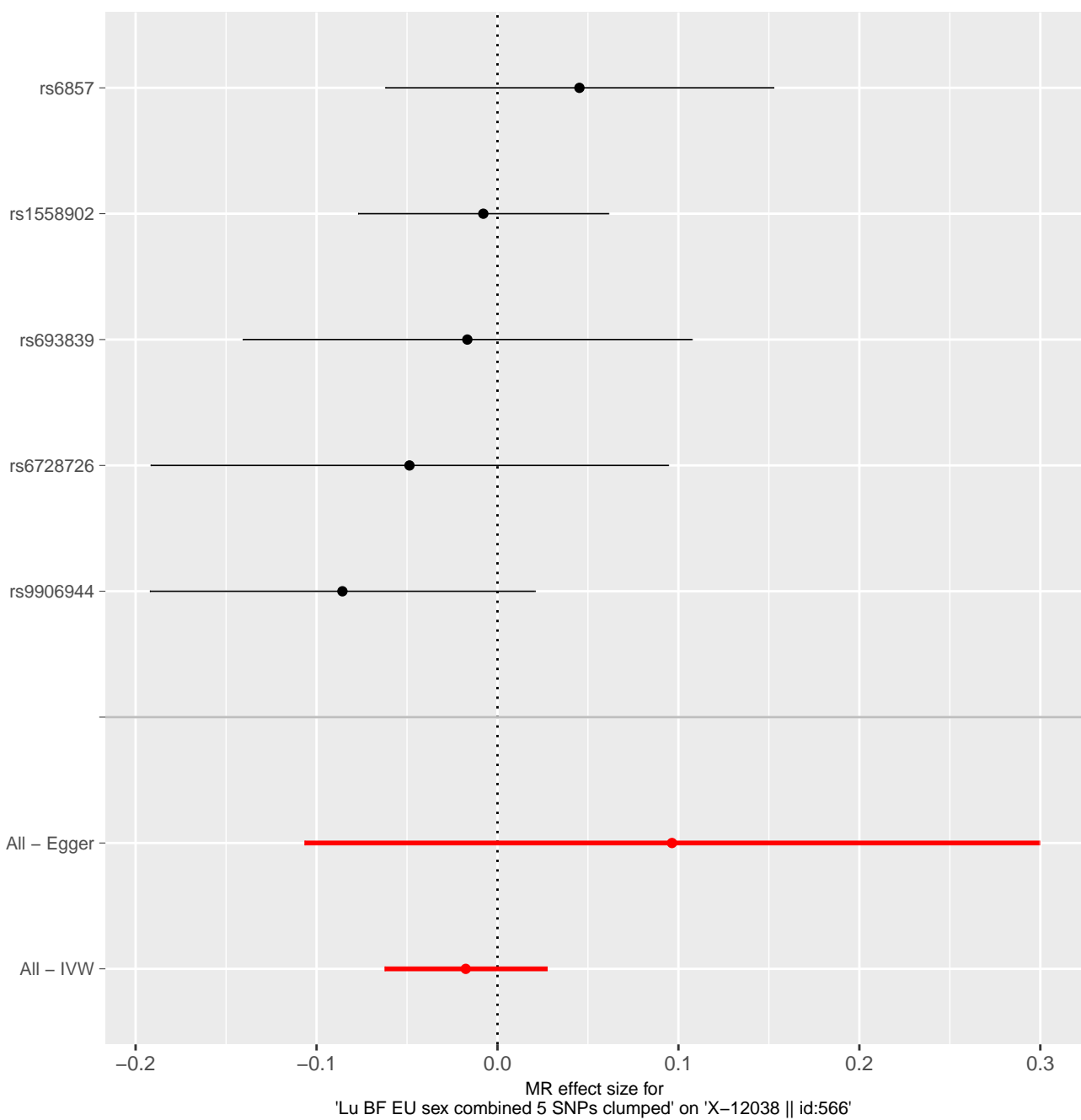
All – IVW

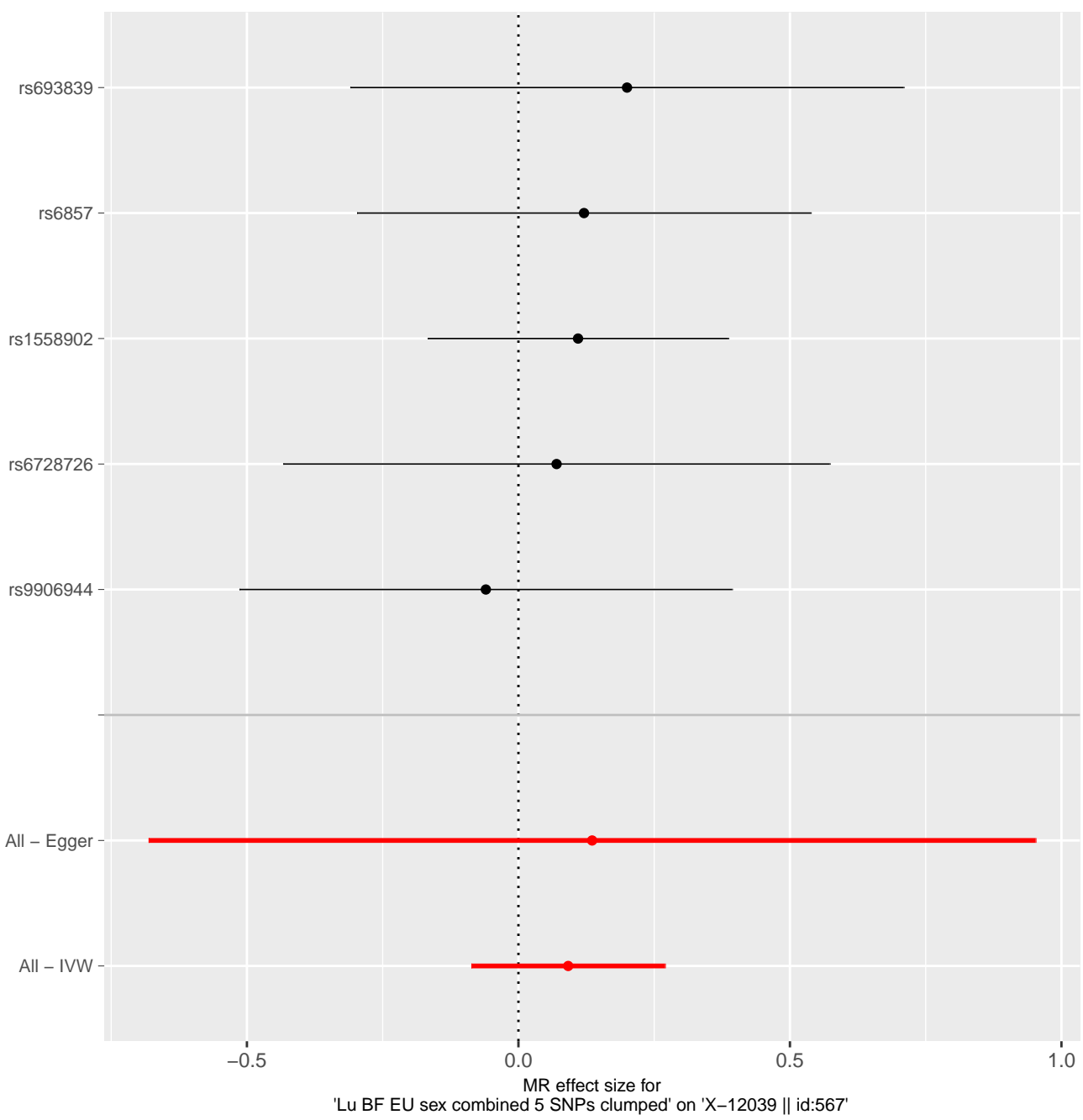
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-glutamylmethionine* || id:563'











rs6728726

rs1558902

rs6857

rs693839

rs9906944

All – Egger

All – IVW

-1

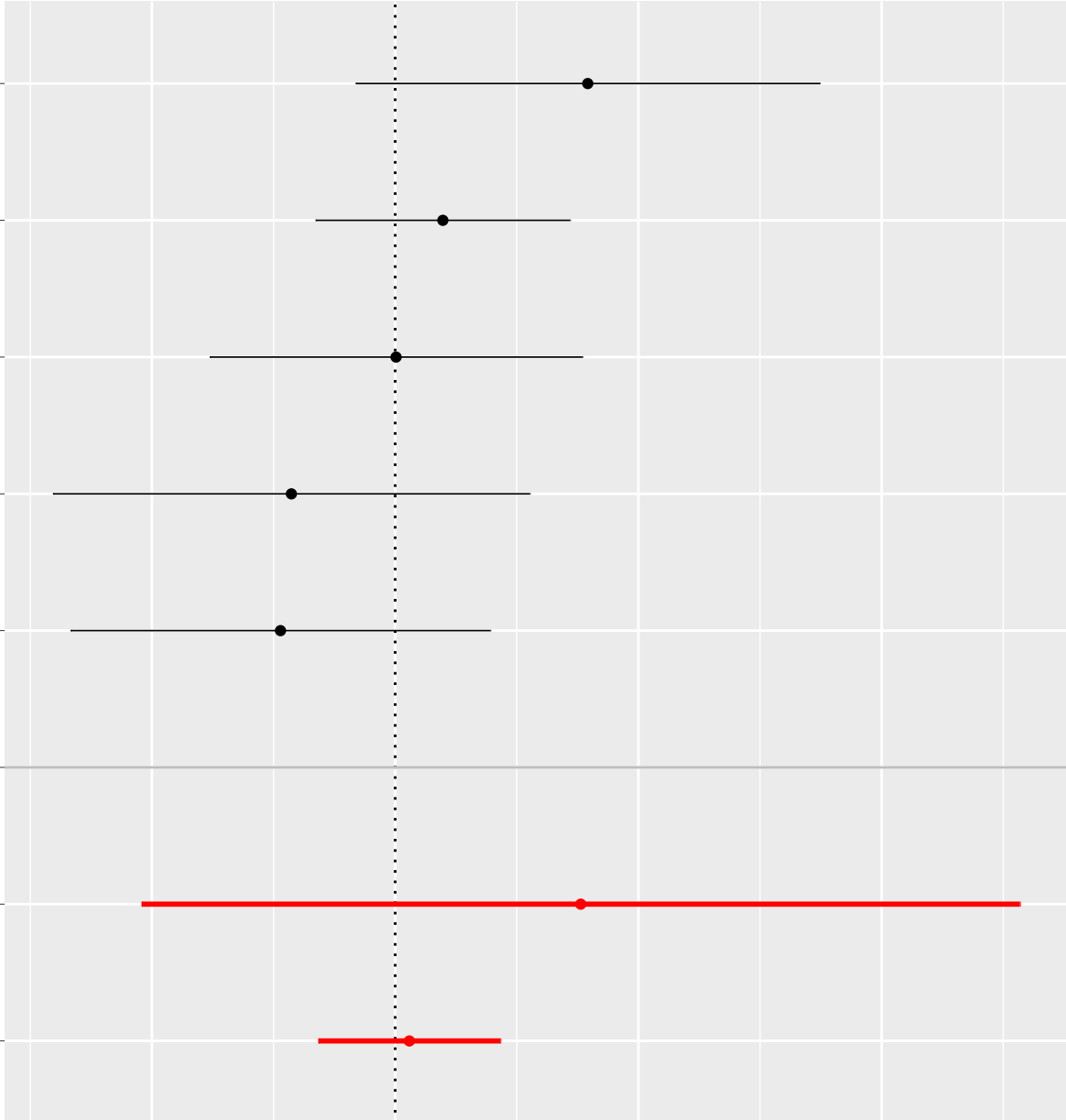
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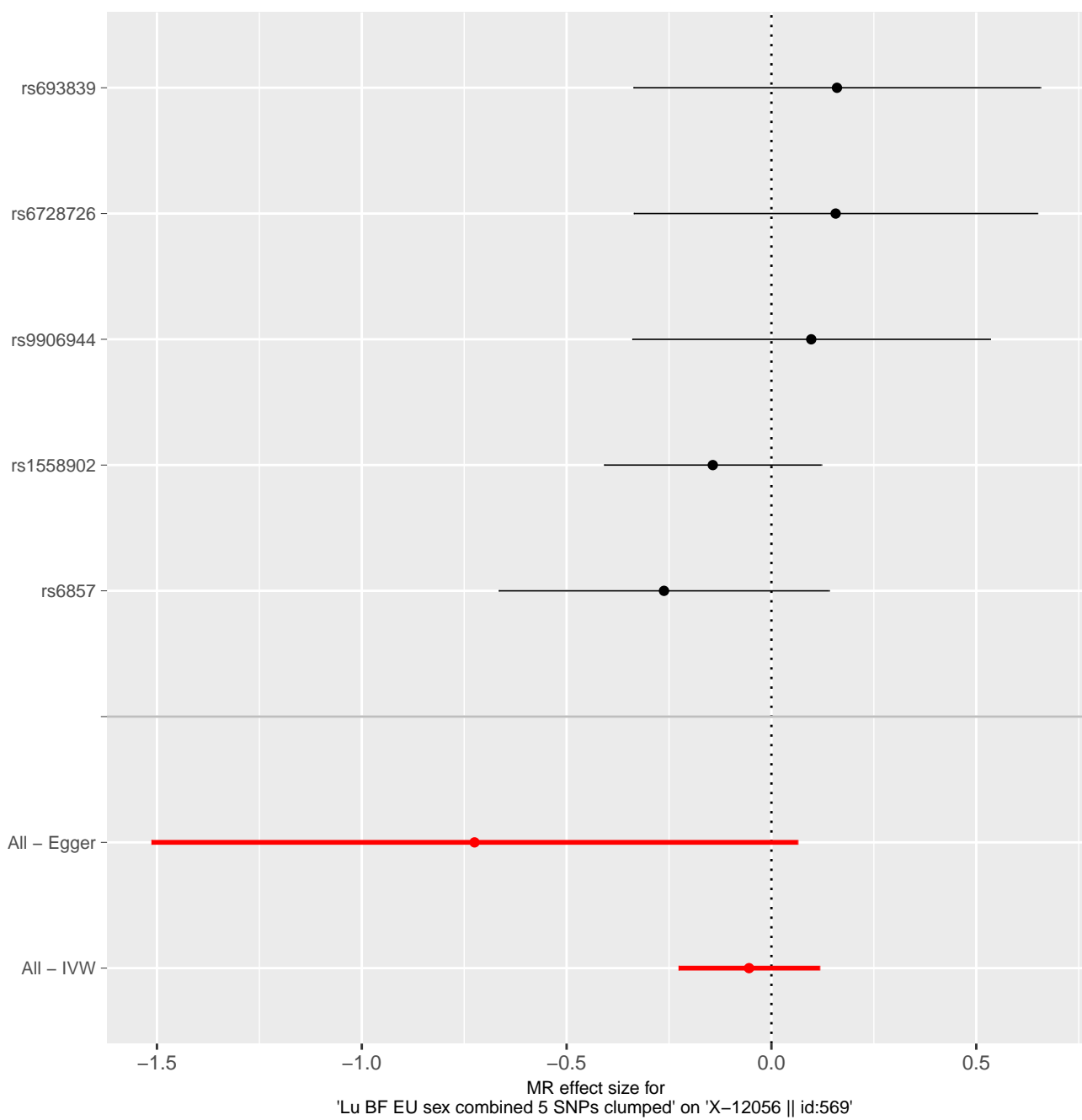
1

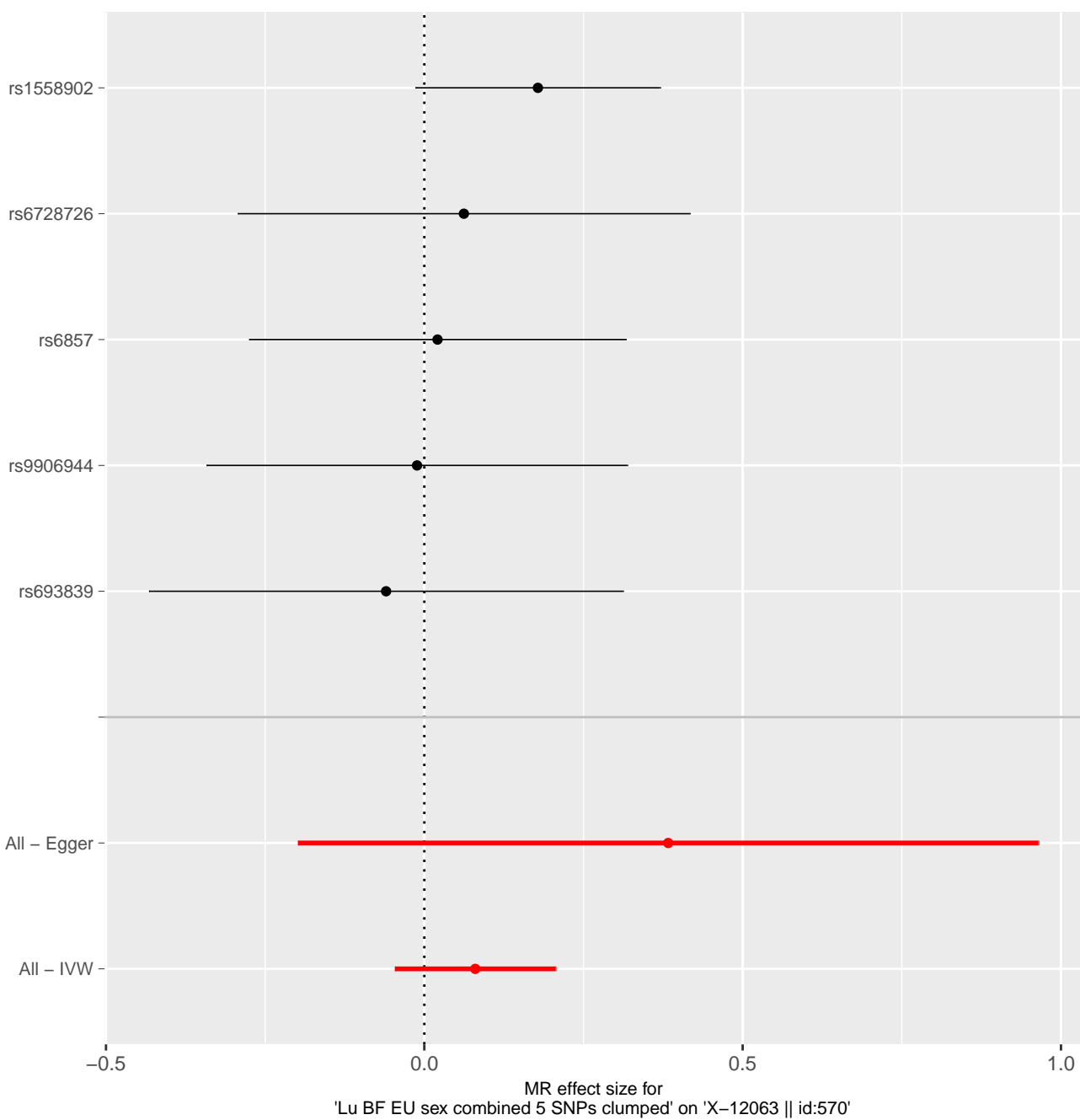
2

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'X-12040 || id:568'







rs1558902

rs9906944

rs6857

rs693839

rs6728726

All – Egger

All – IVW

–0.50

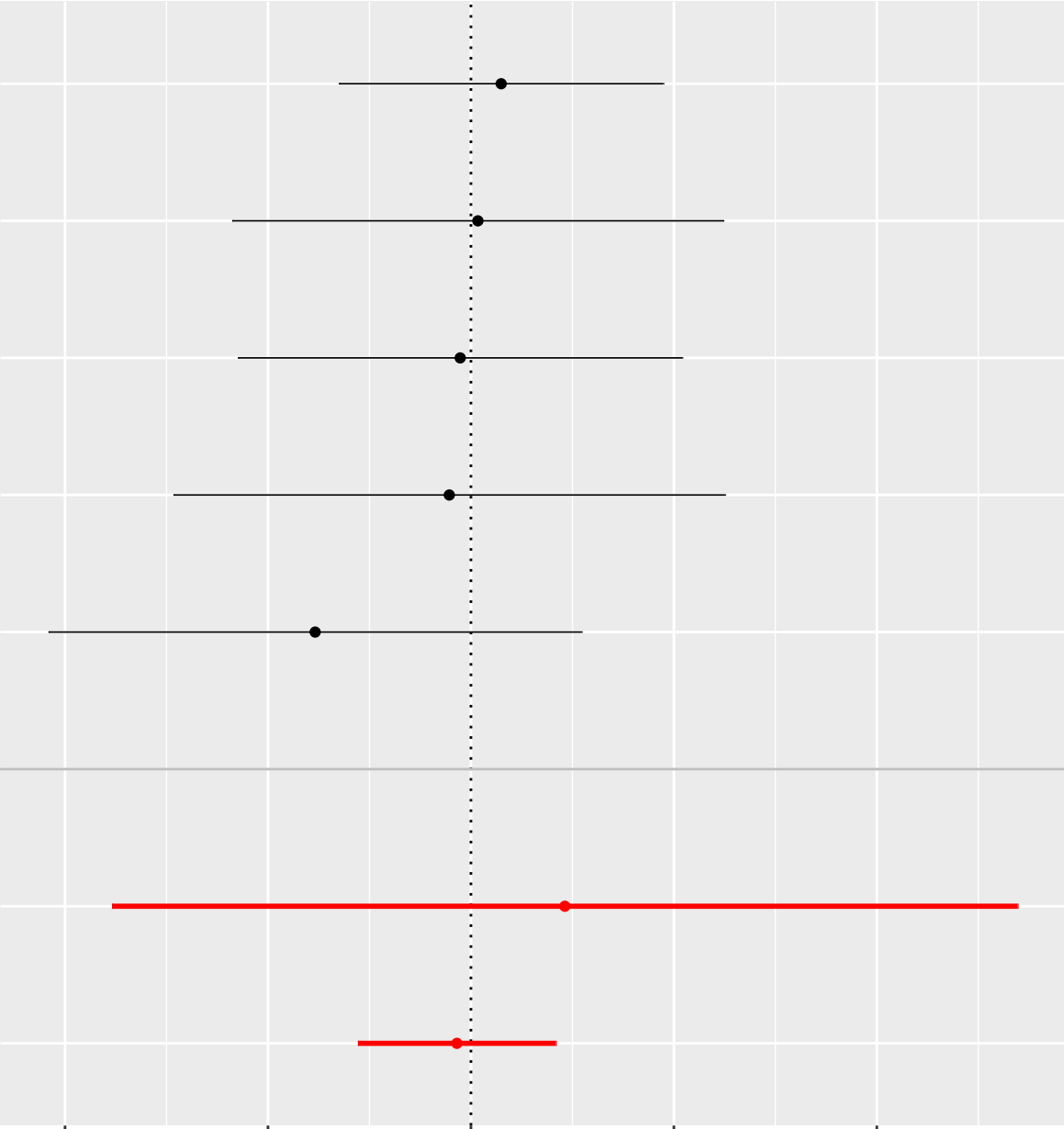
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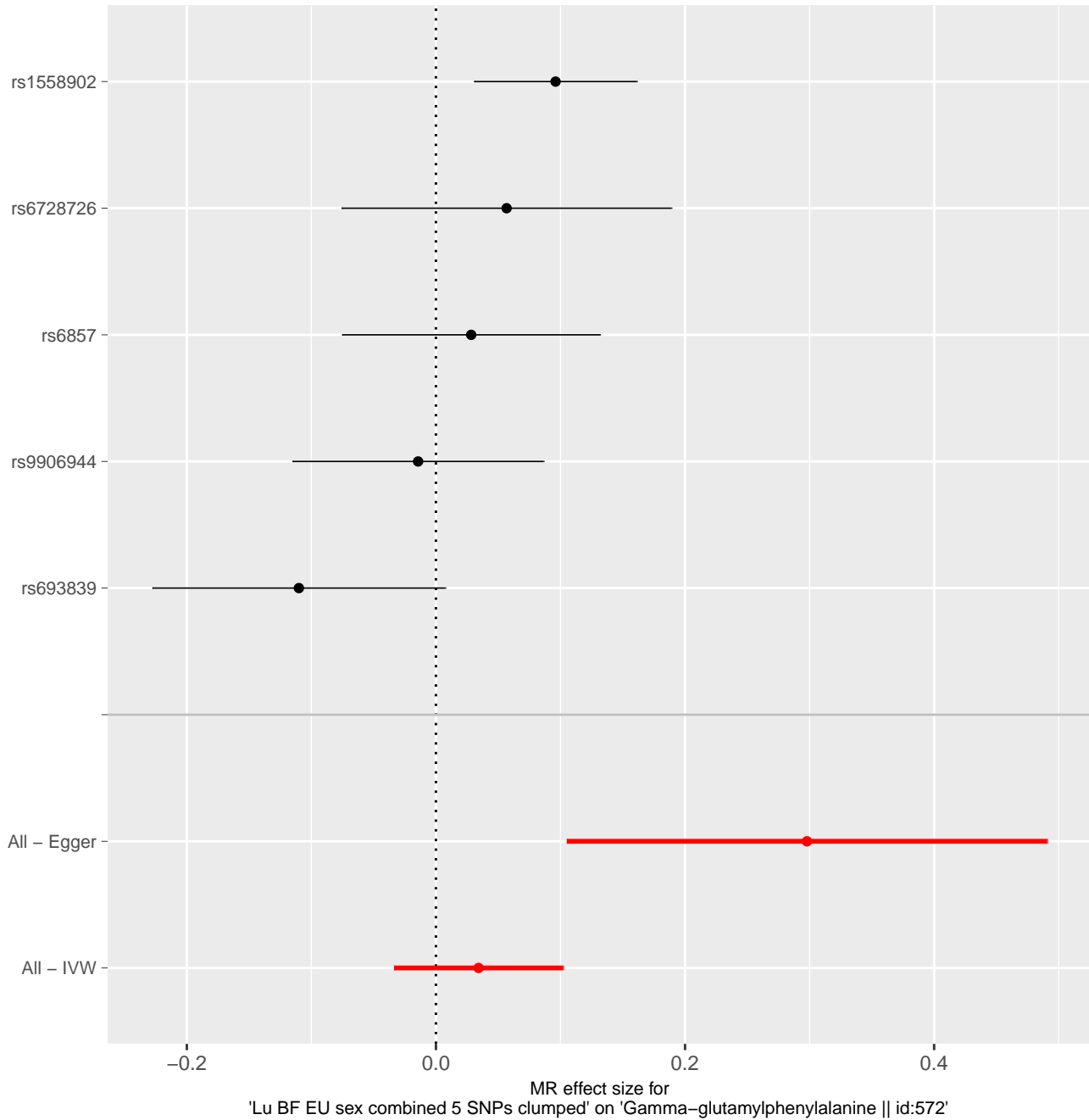
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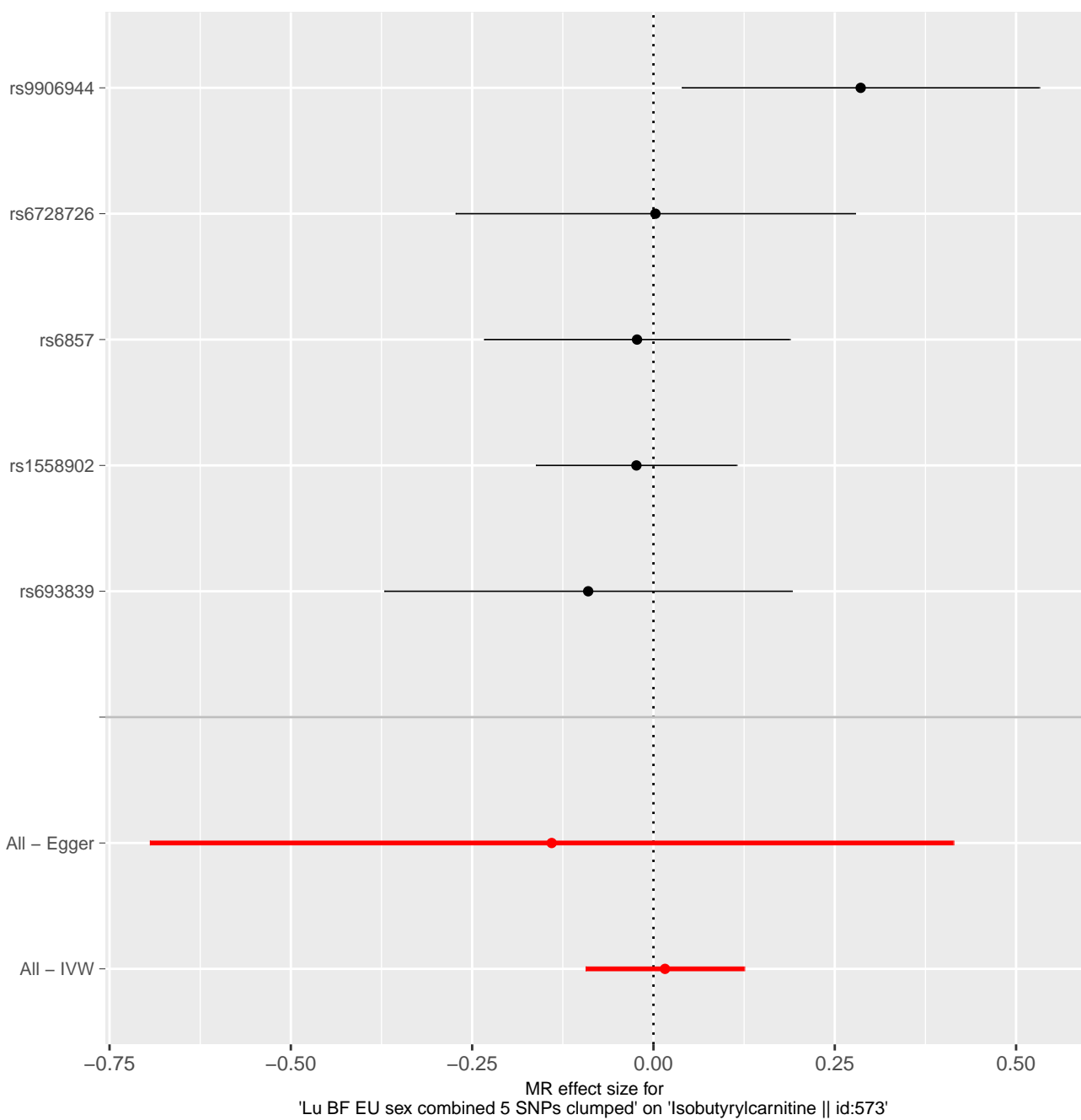
0.25

0.50

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-tocopherol || id:571'







rs1558902

rs693839

rs6857

rs9906944

rs6728726

All – Egger

All – IVW

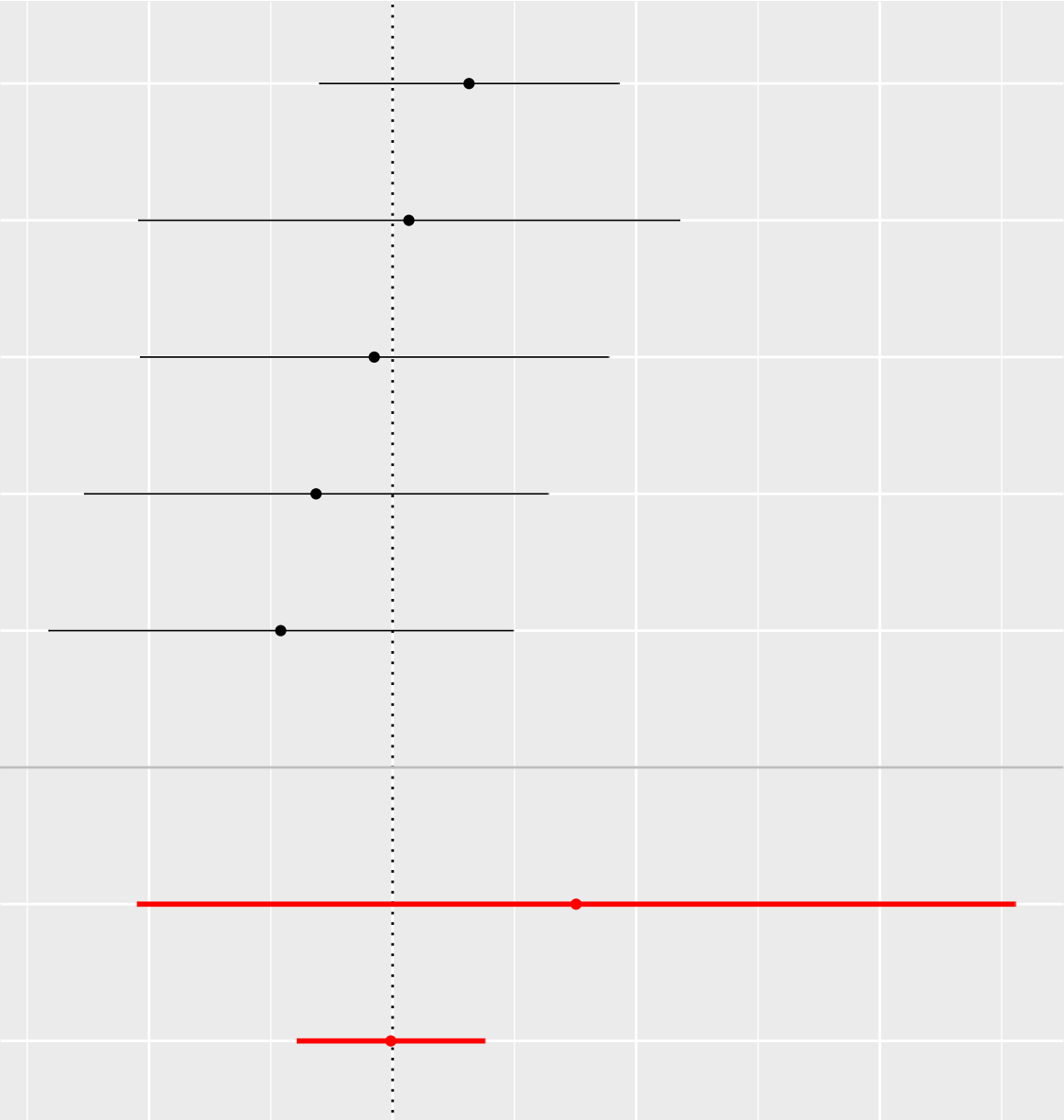
-0.1

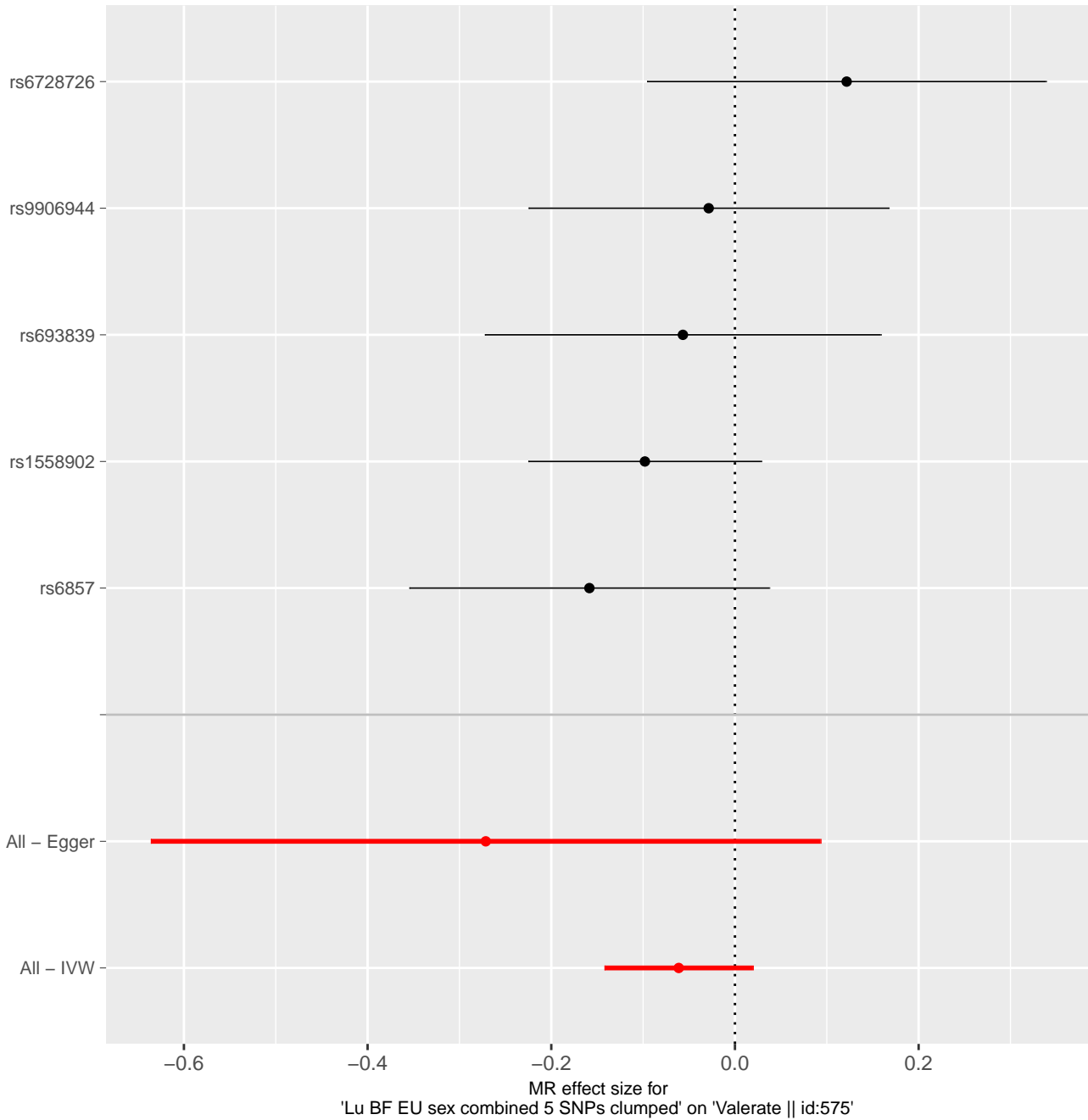
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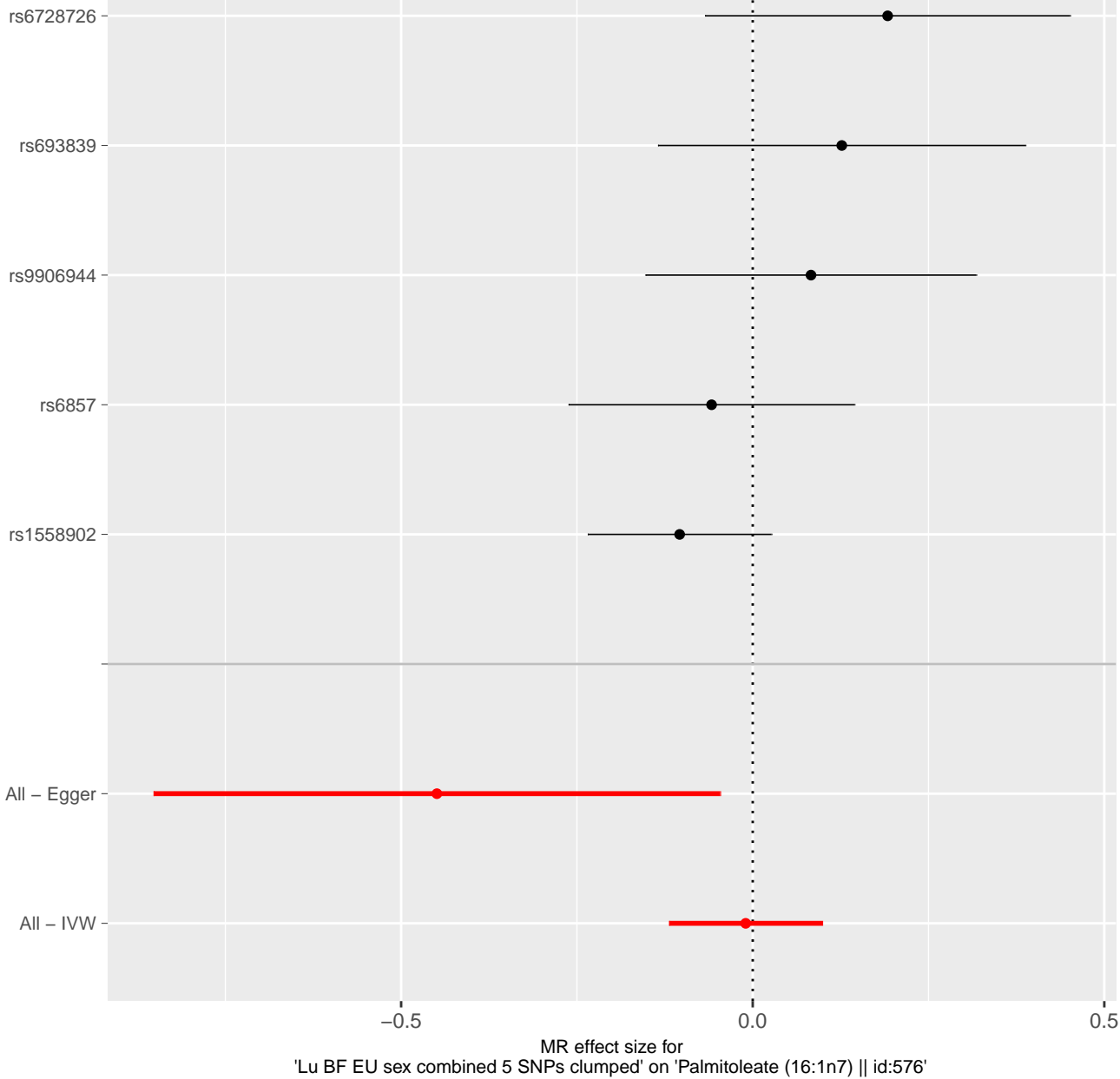
0.1

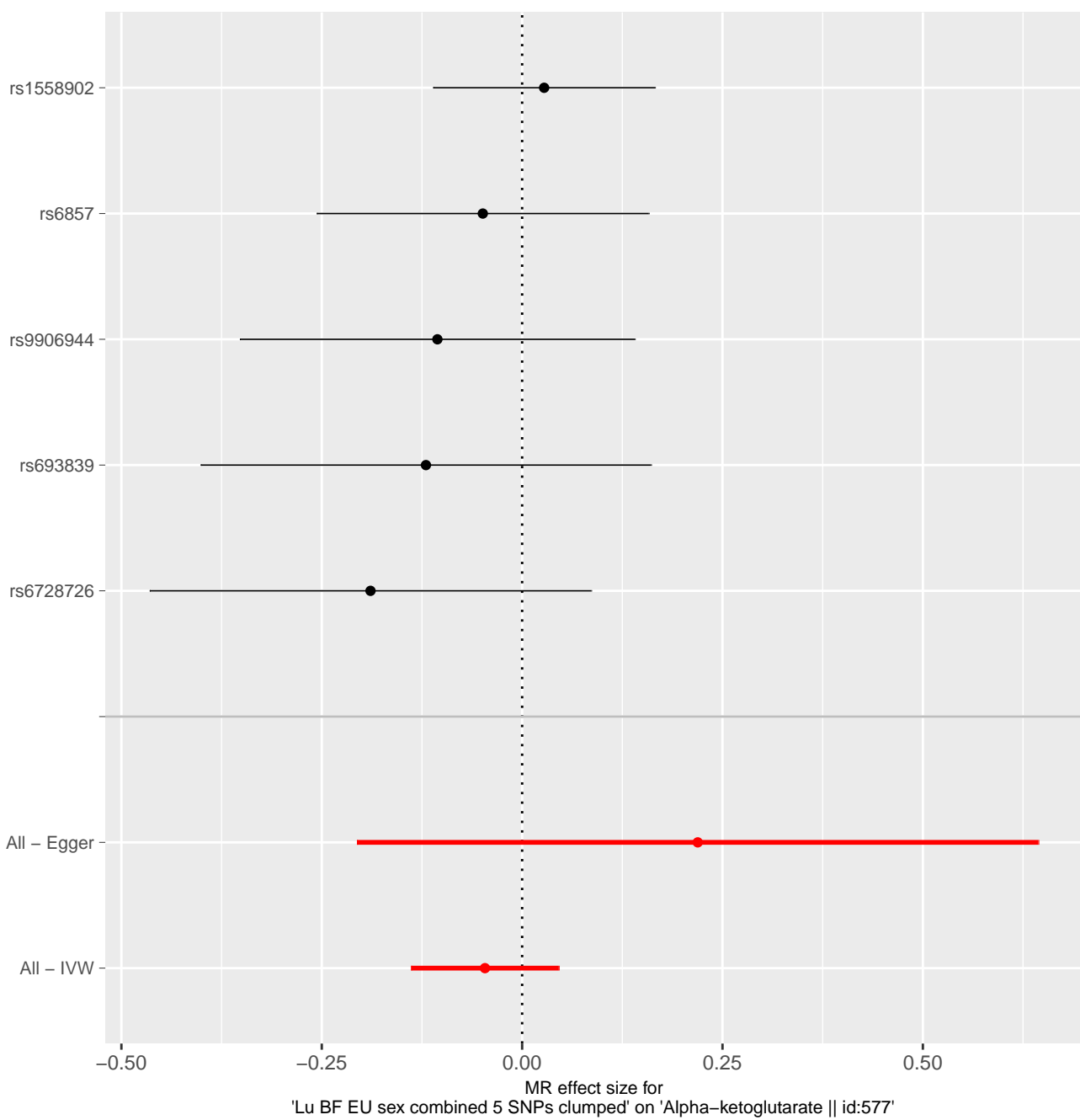
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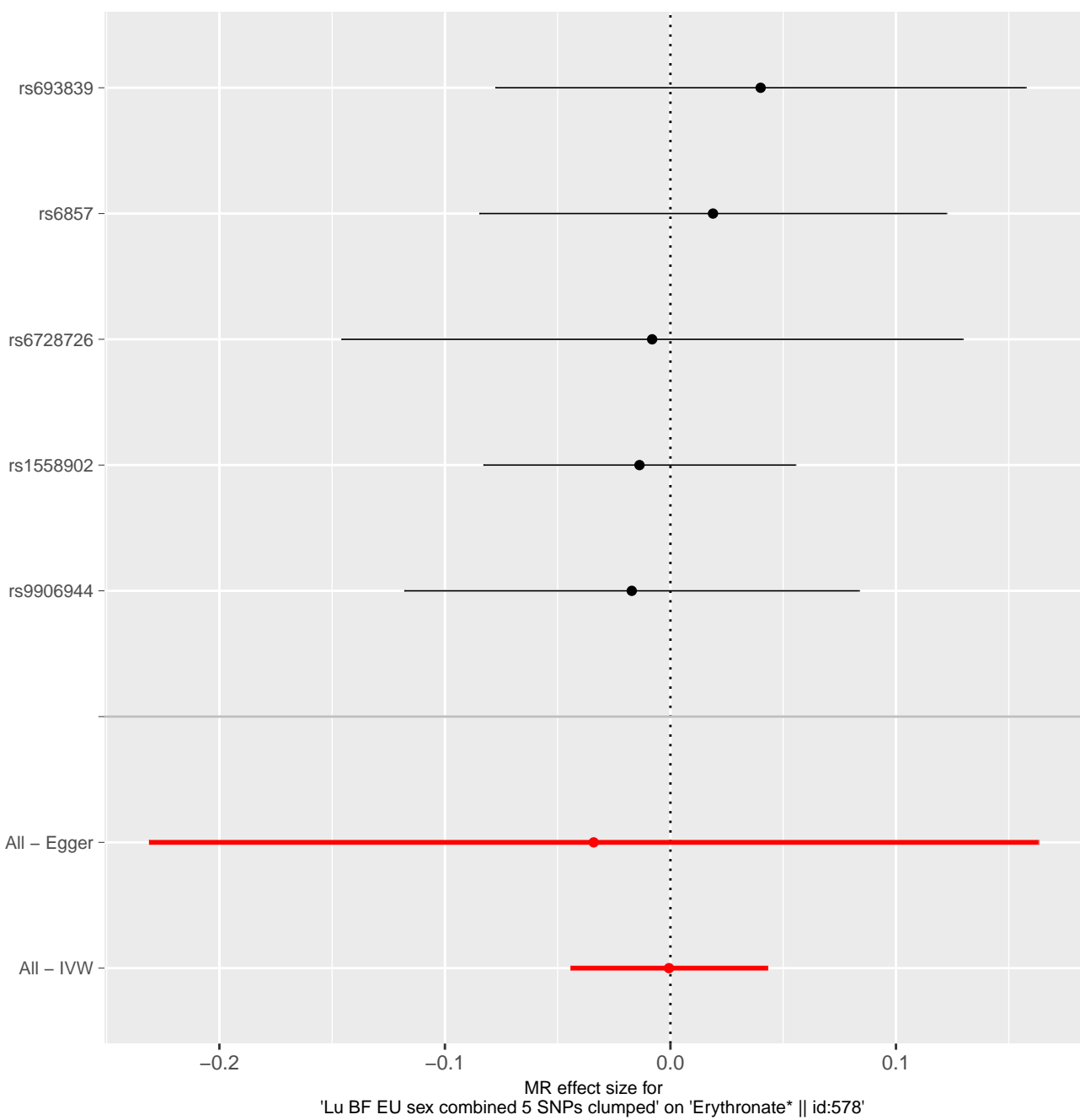
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Pseudouridine || id:574'











rs1558902

rs9906944

rs6728726

rs693839

rs6857

All – Egger

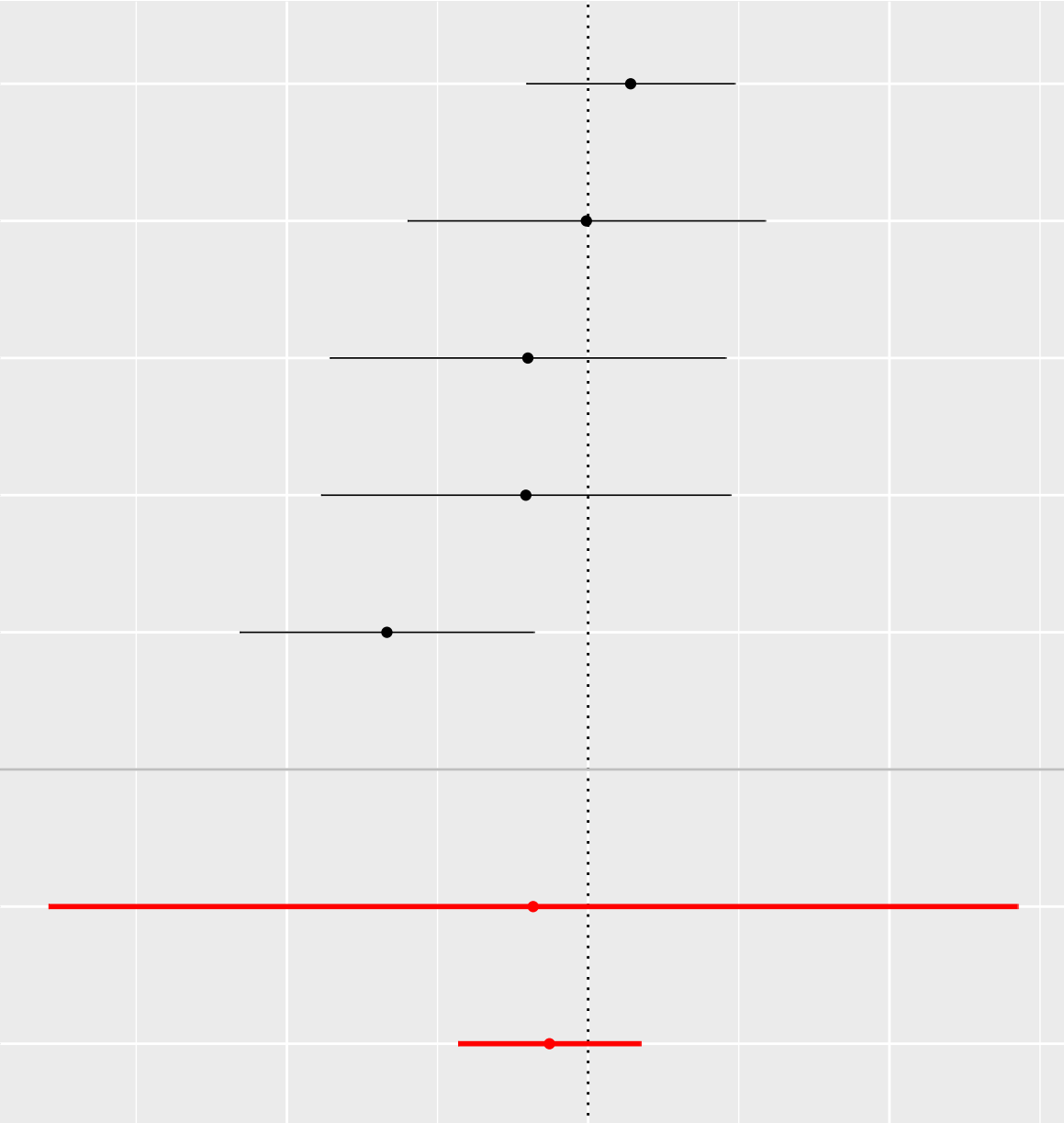
All – IVW

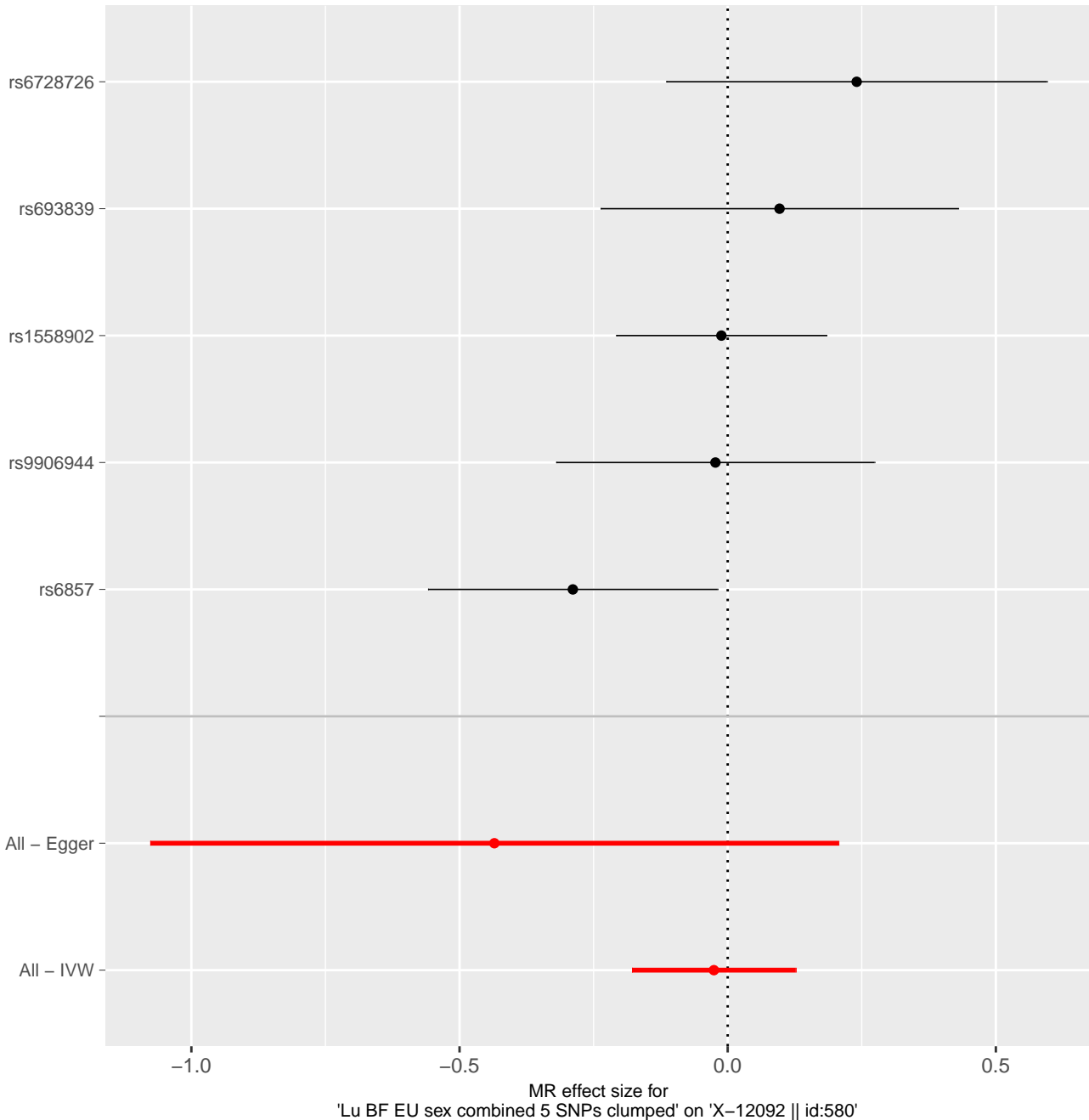
-0.5

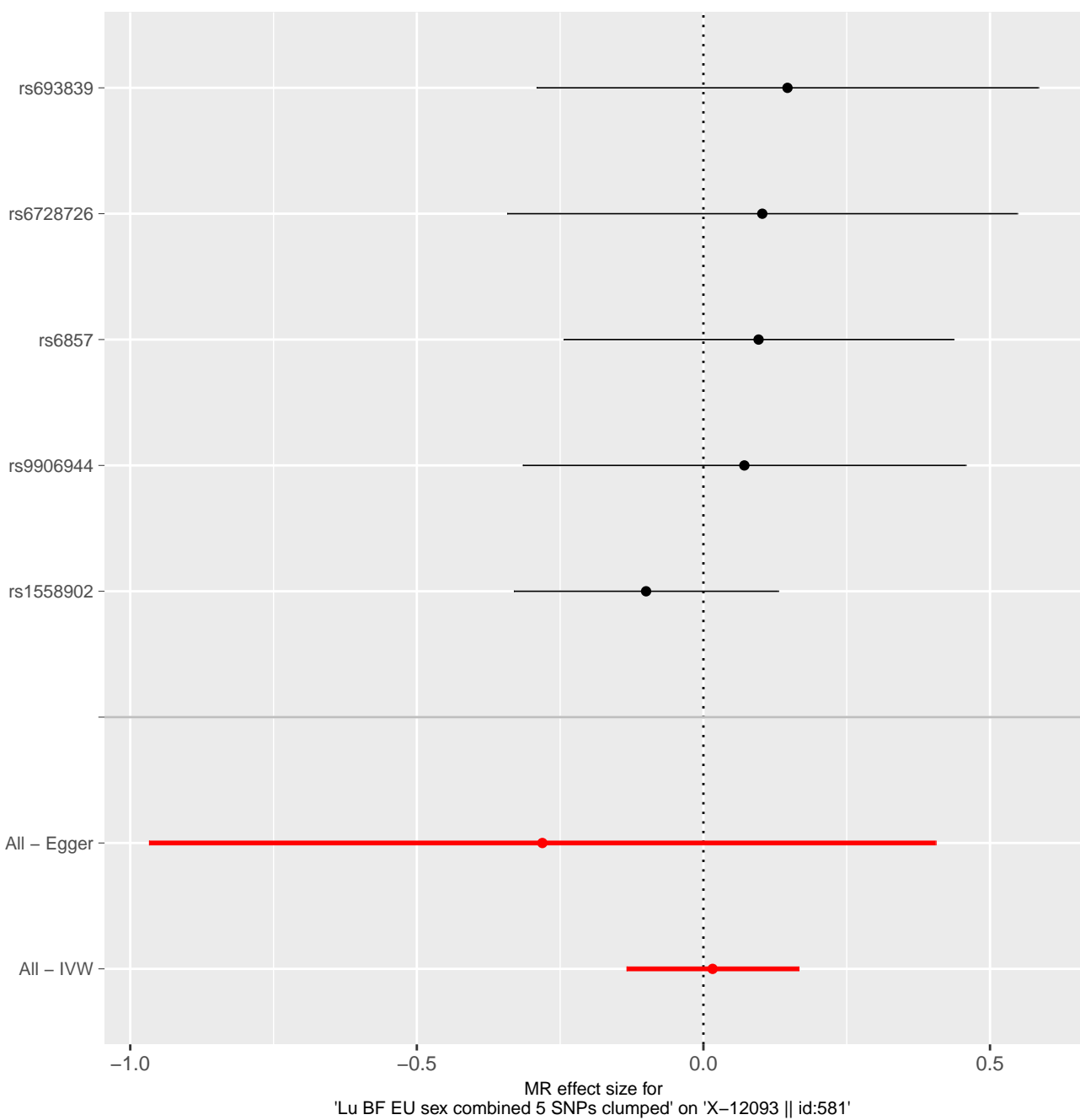
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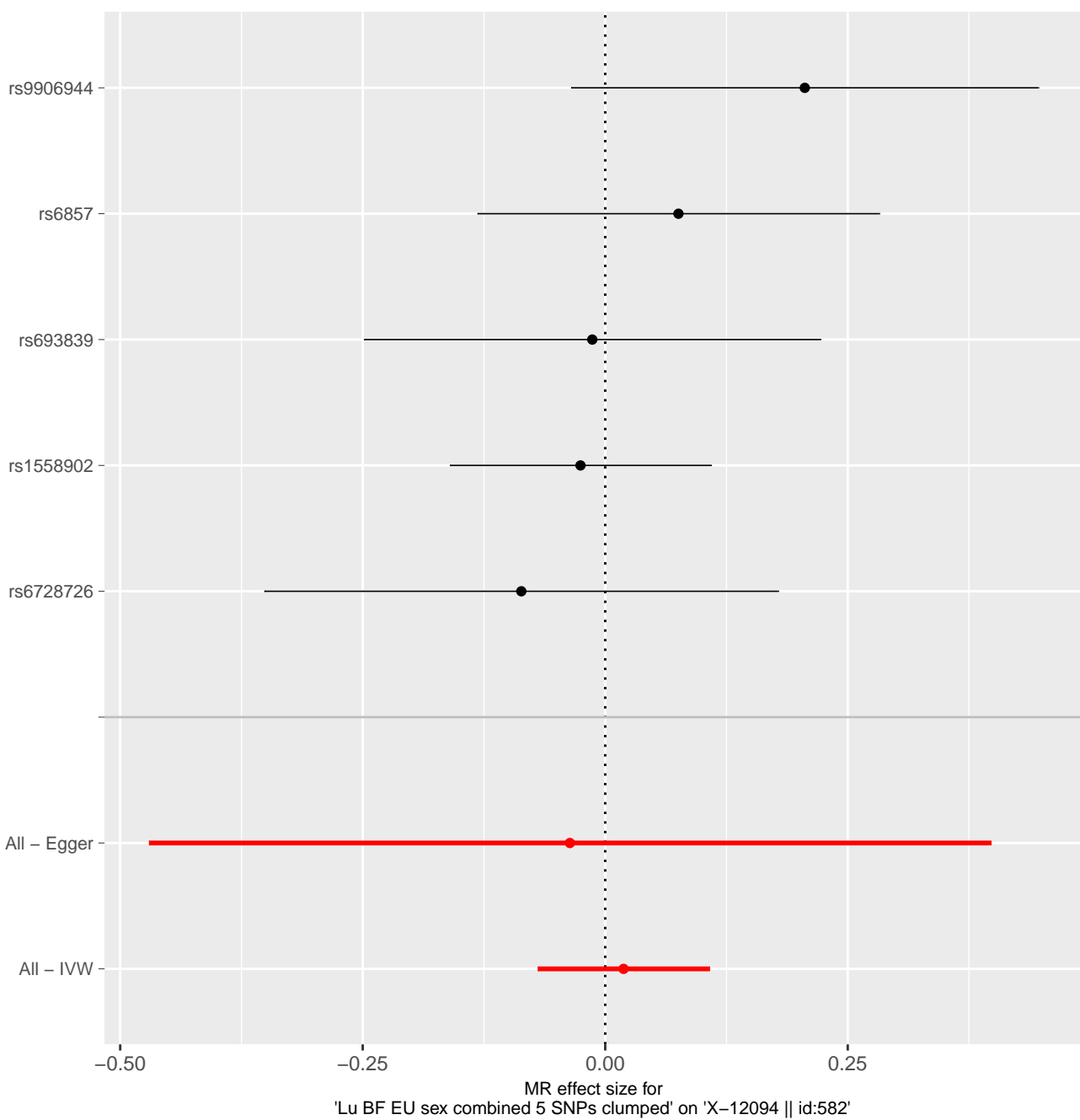
0.5

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Lathosterol || id:579'









rs6857

rs9906944

rs1558902

rs693839

rs6728726

All – Egger

All – IVW

–0.2

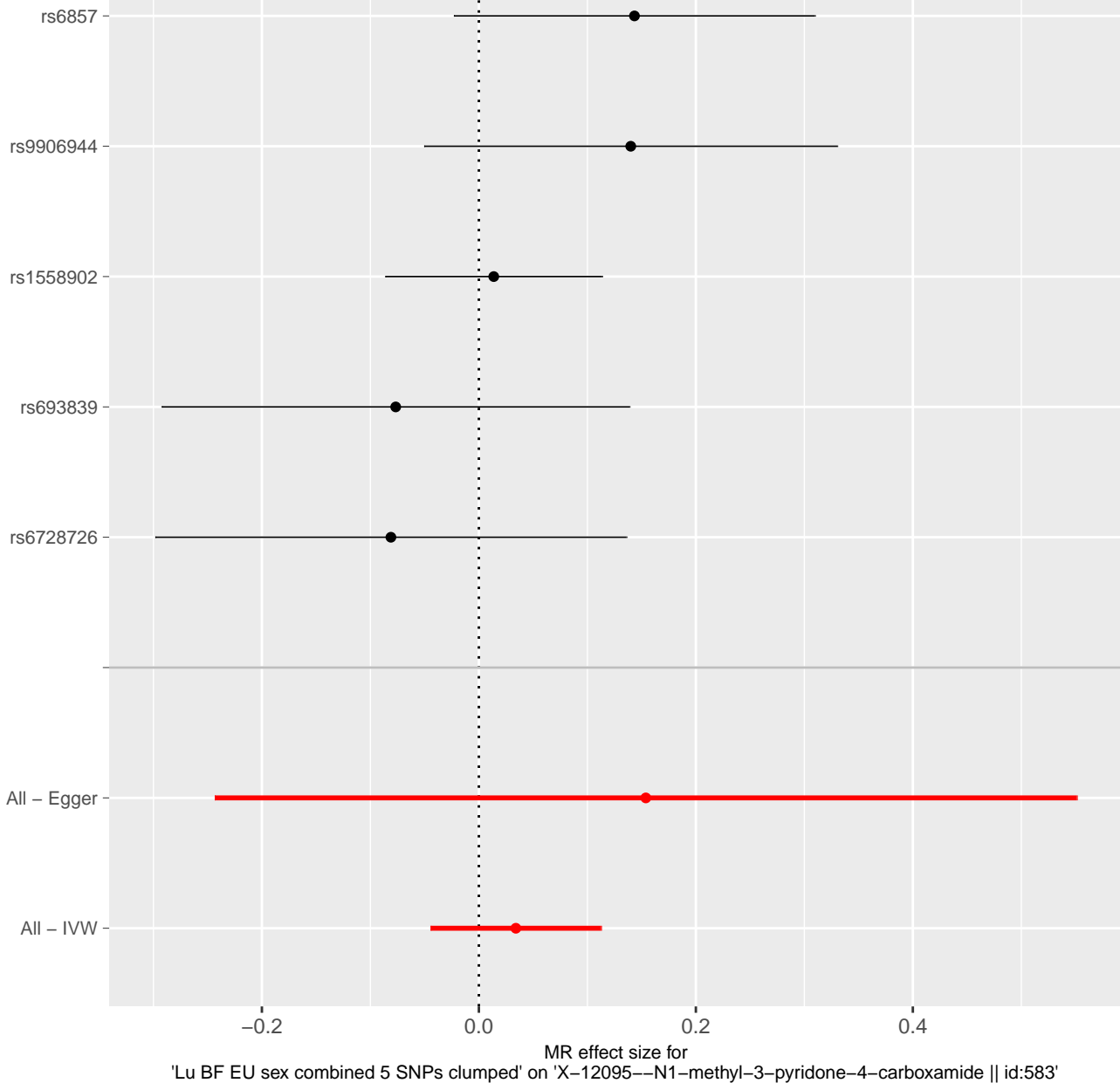
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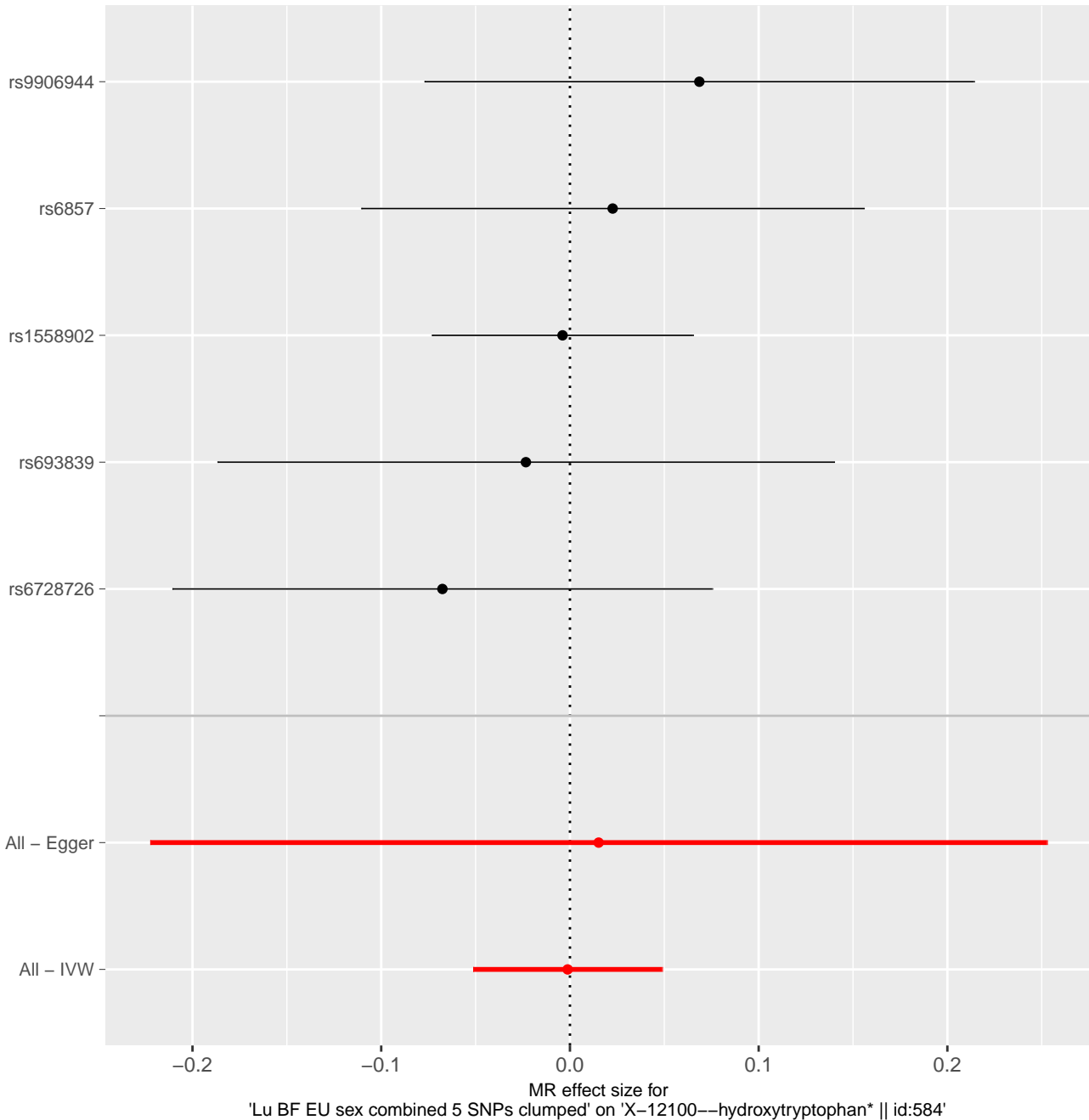
0.2

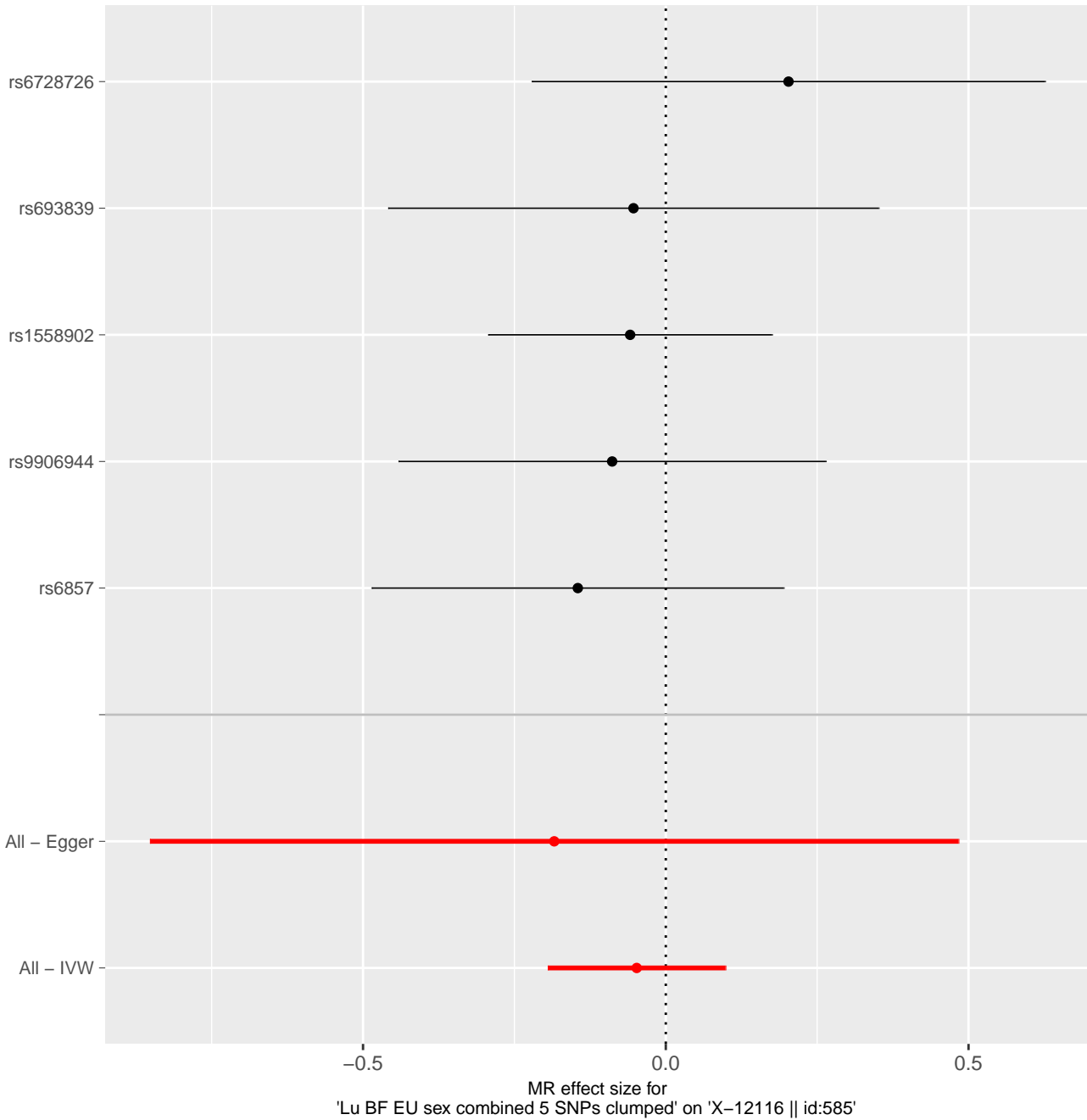
0.4

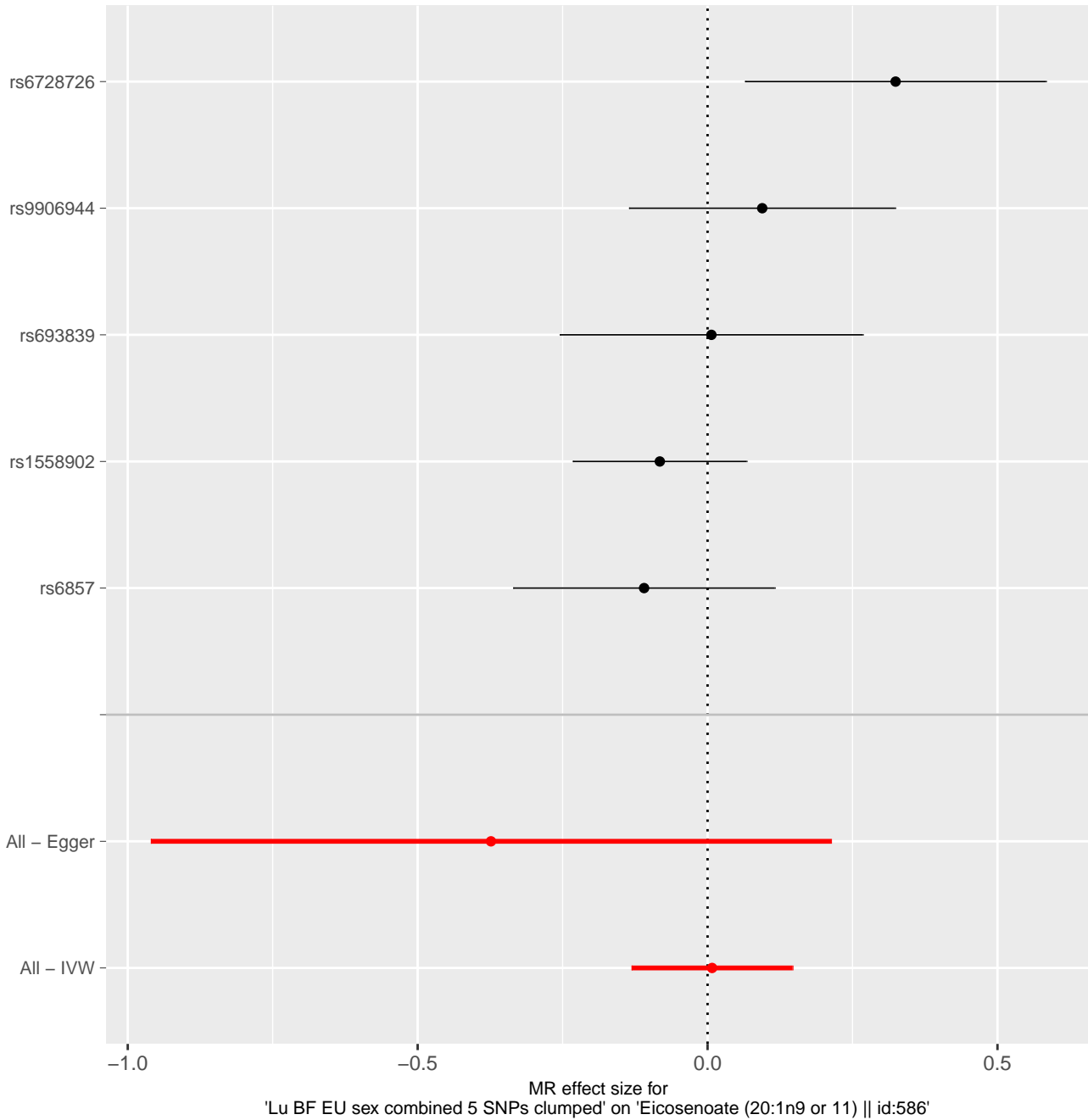
MR effect size for

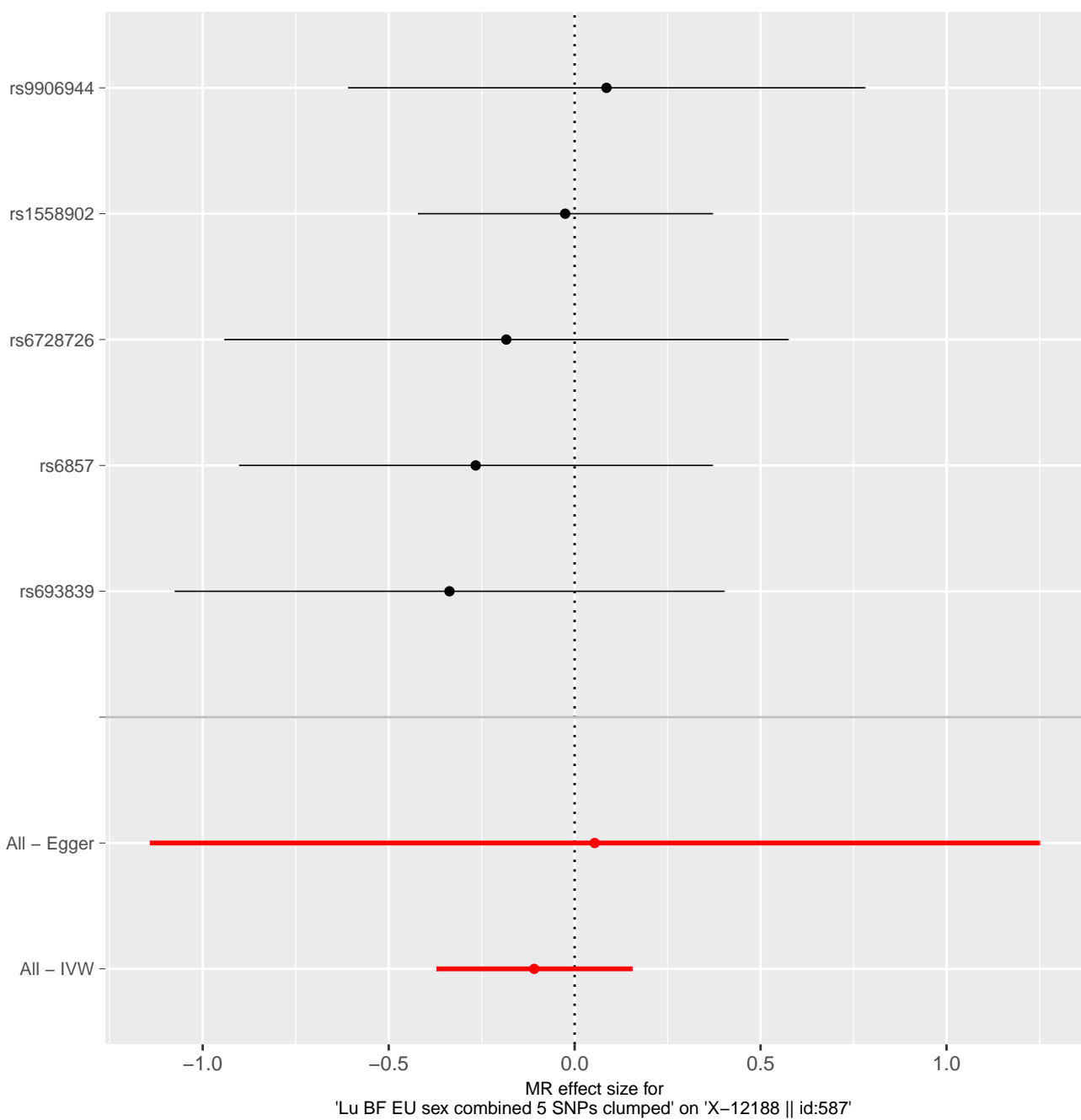
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12095--N1-methyl-3-pyridone-4-carboxamide || id:583'

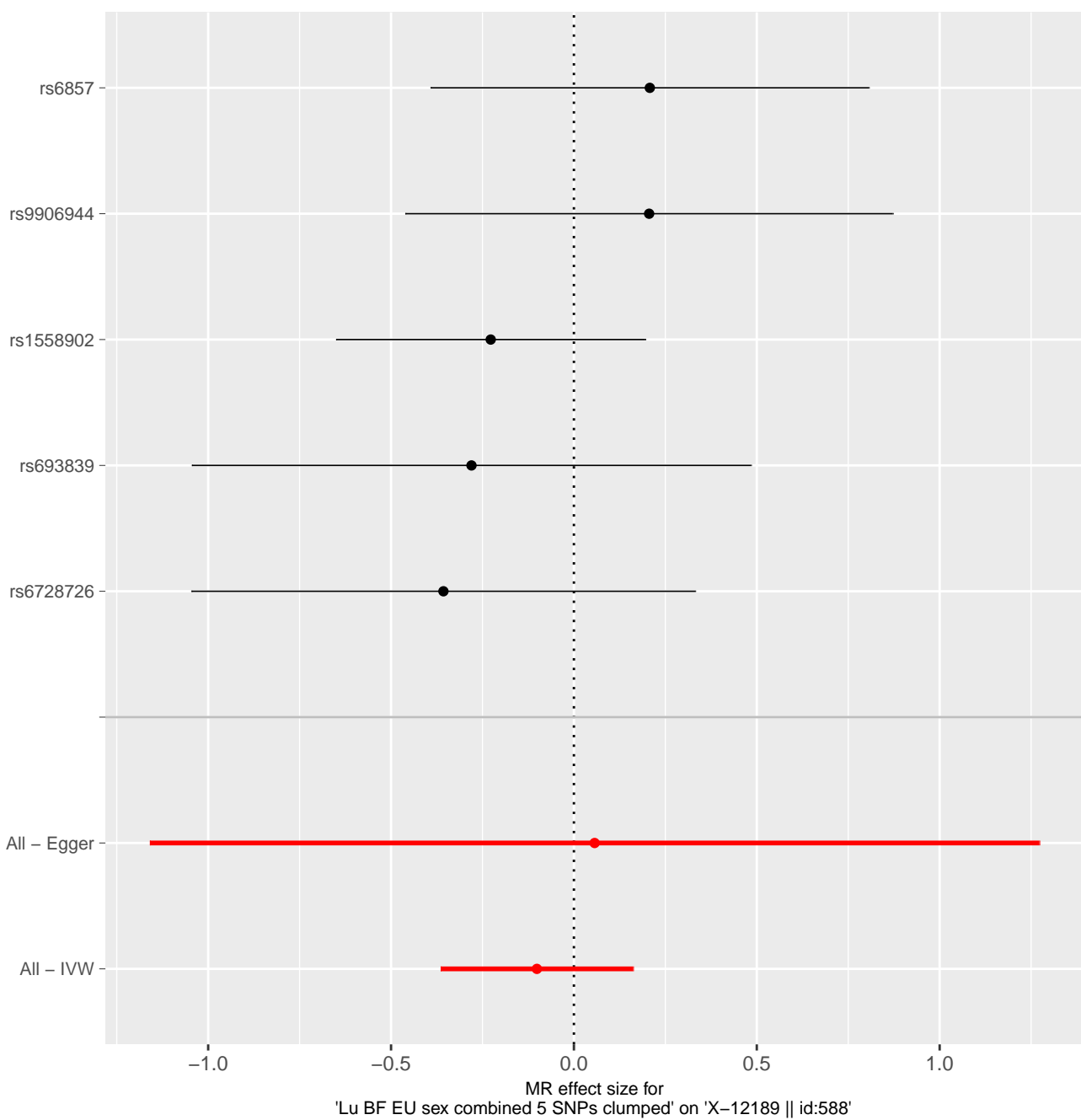


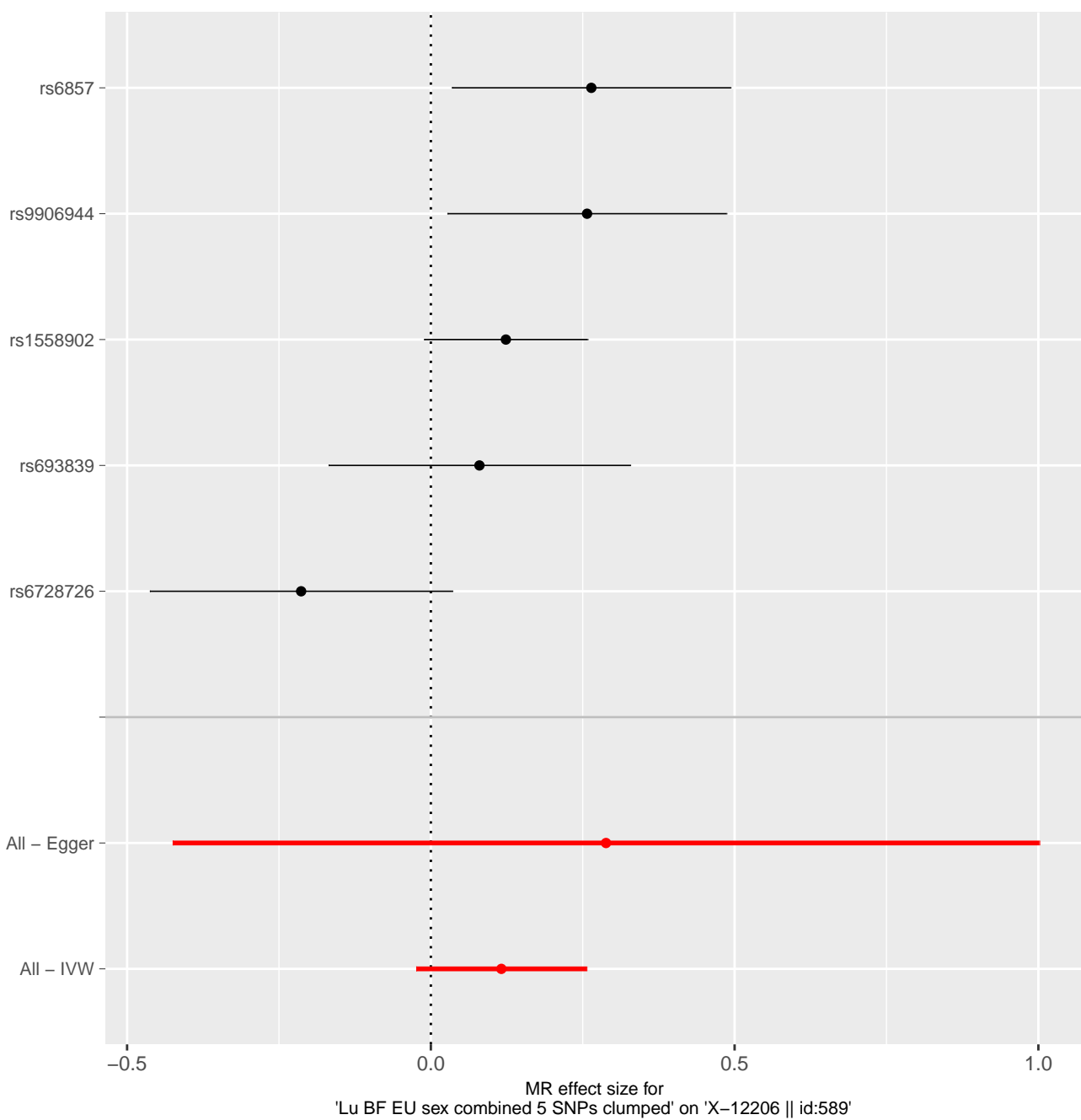


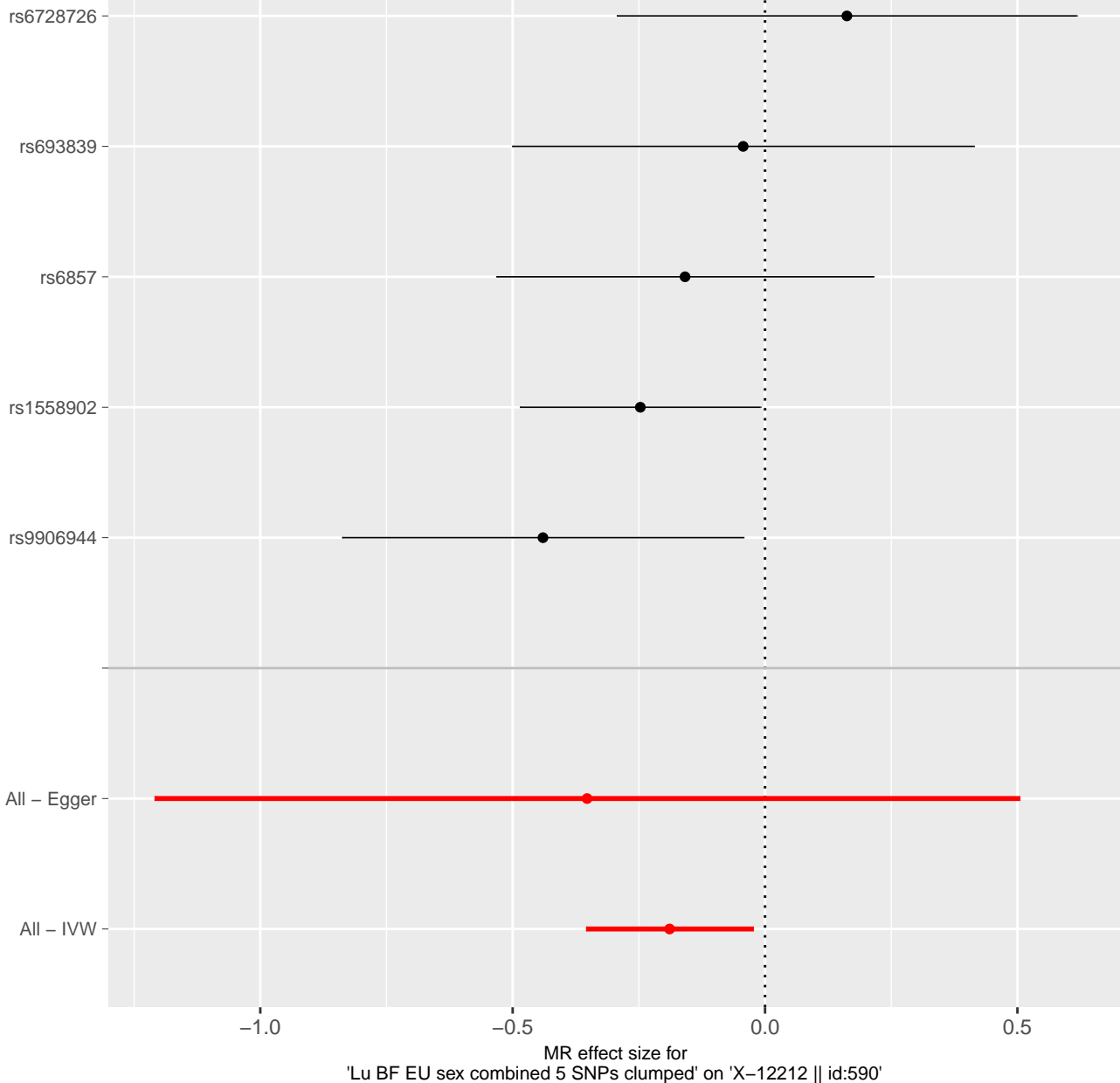


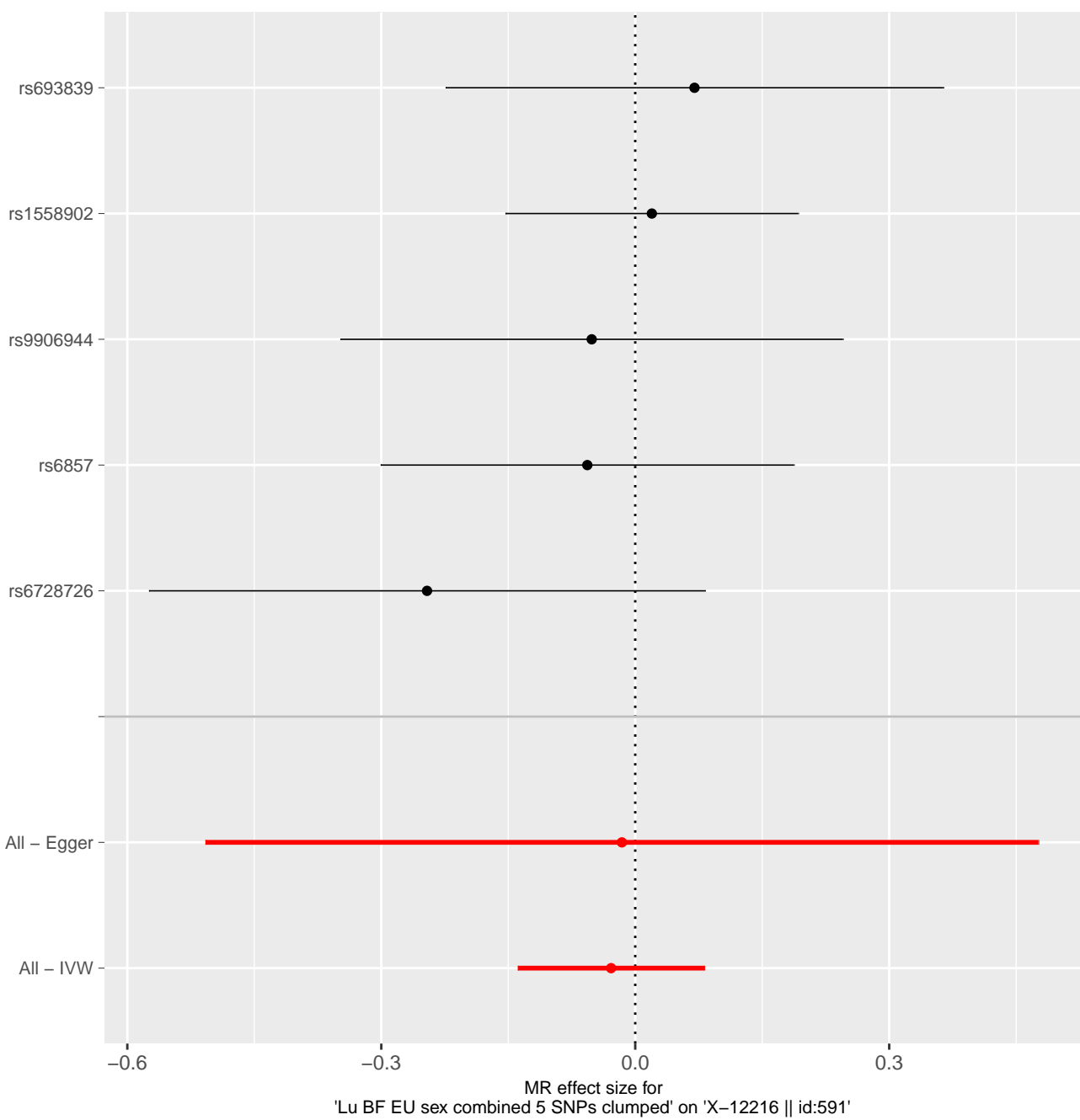


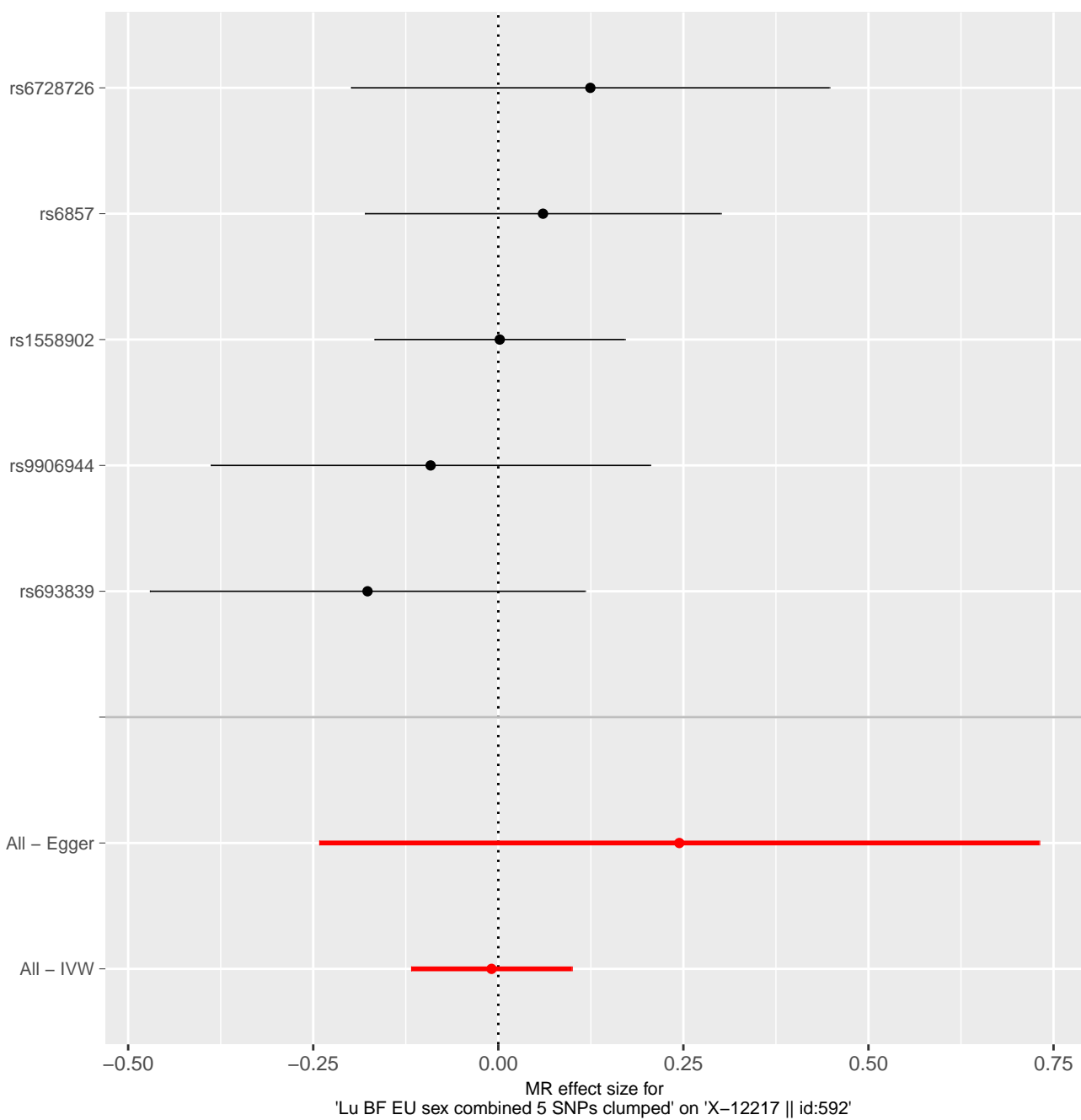


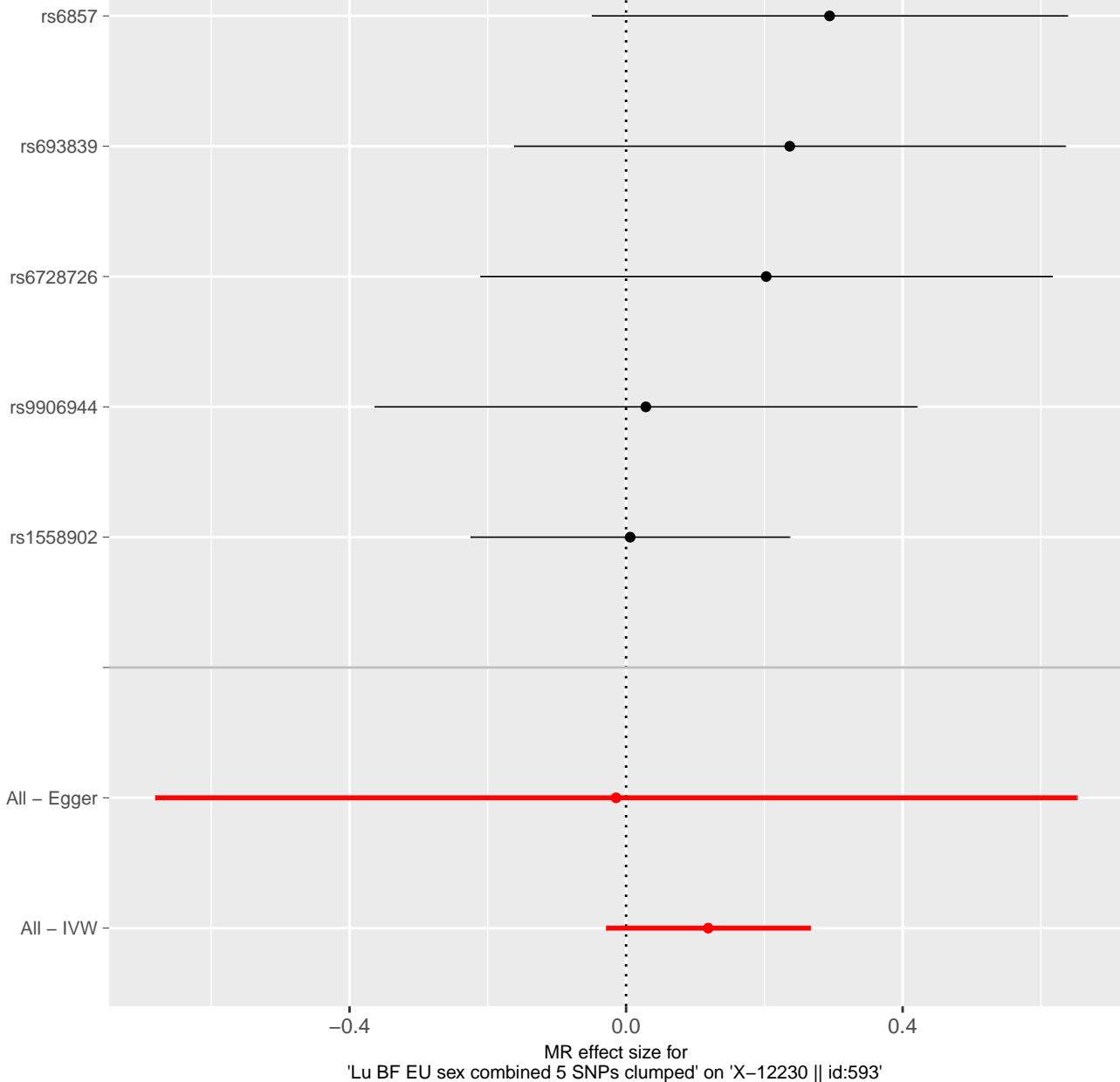


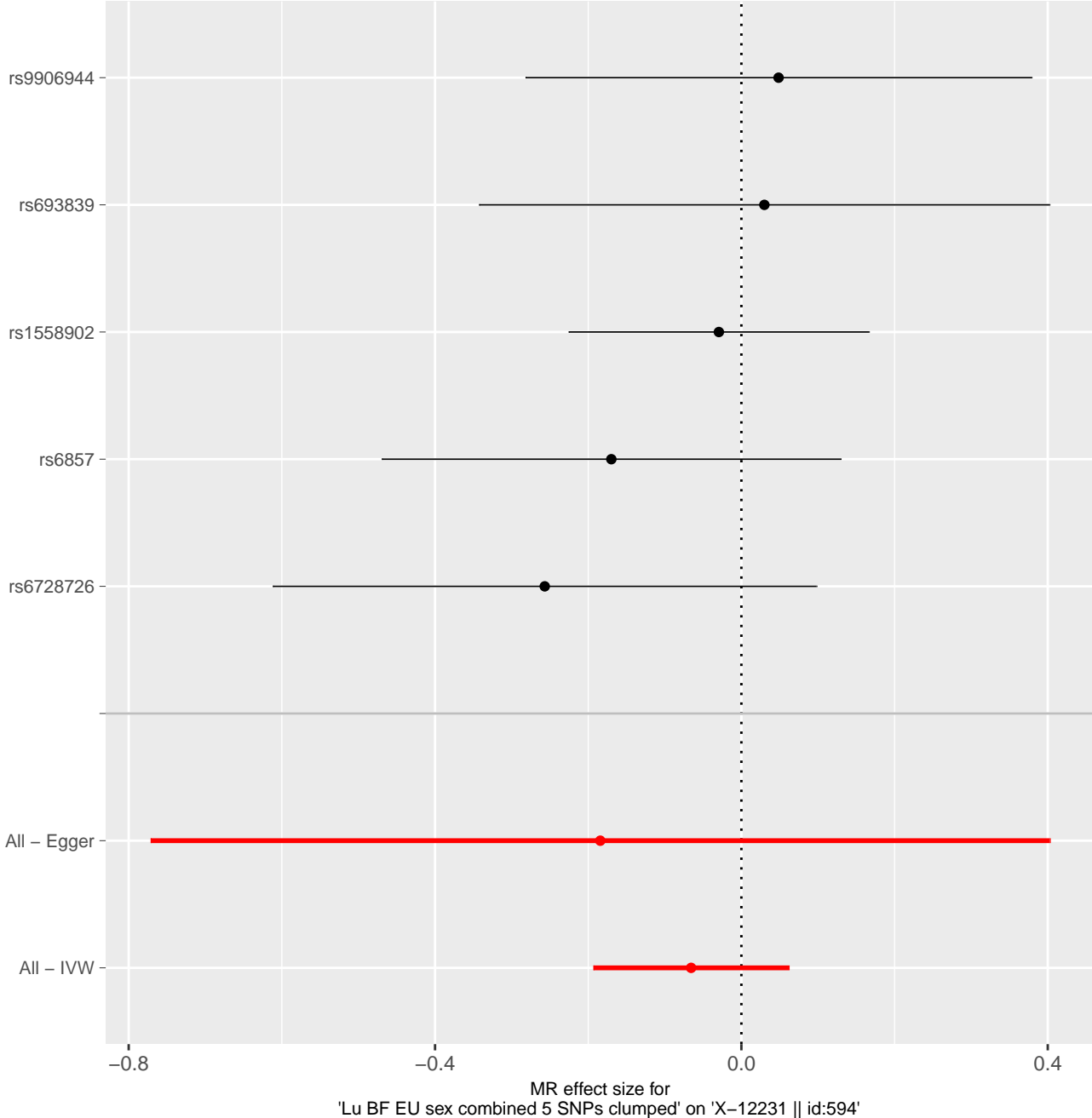


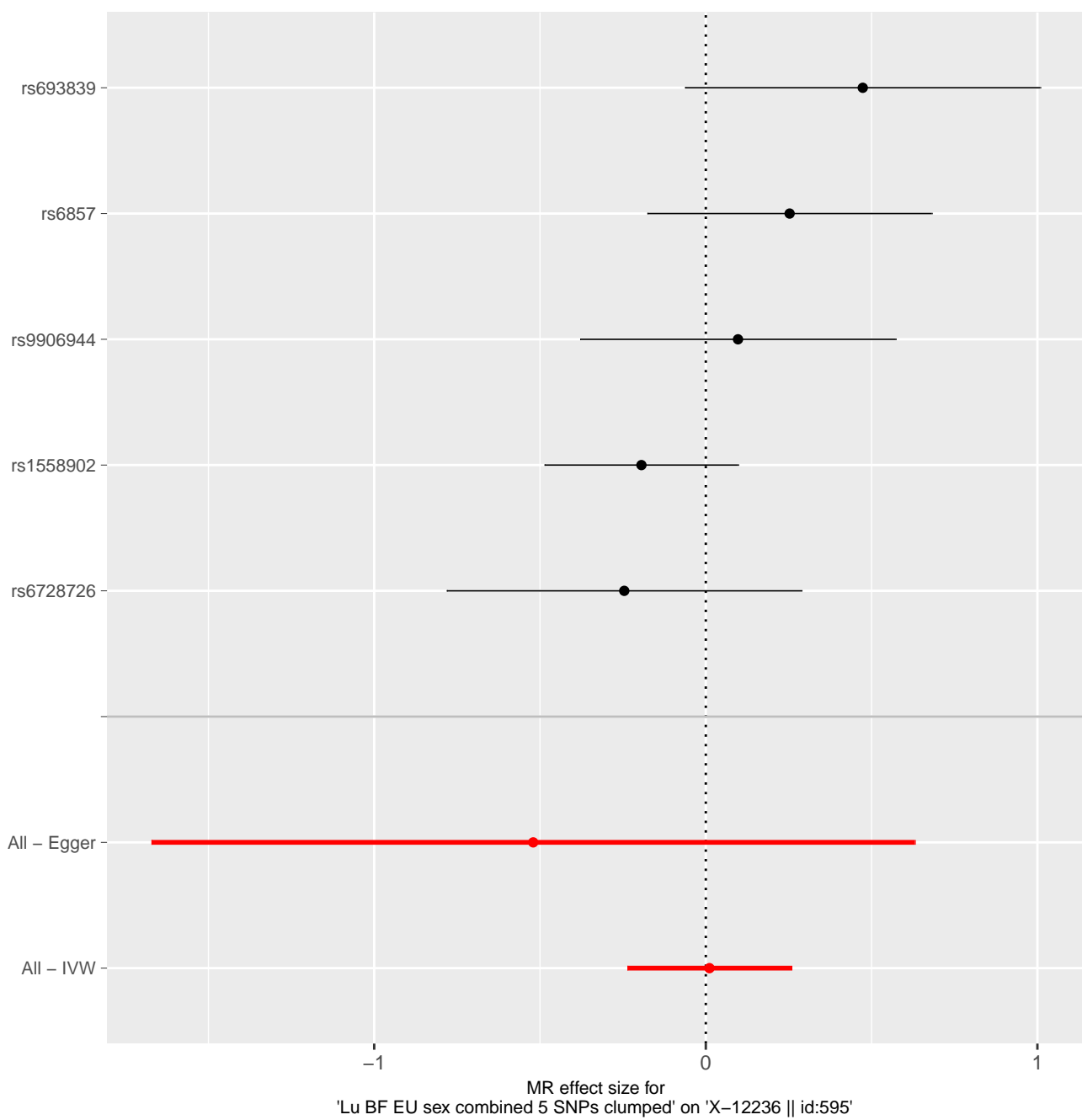












rs1558902

rs6857

rs9906944

rs6728726

rs693839

All – Egger

All – IVW

-0.2

0.0

0.2

0.4

0.6

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'X-12244—N-acetylcarnosine || id:596'

rs9906944

rs693839

rs1558902

rs6728726

rs6857

All – Egger

All – IVW

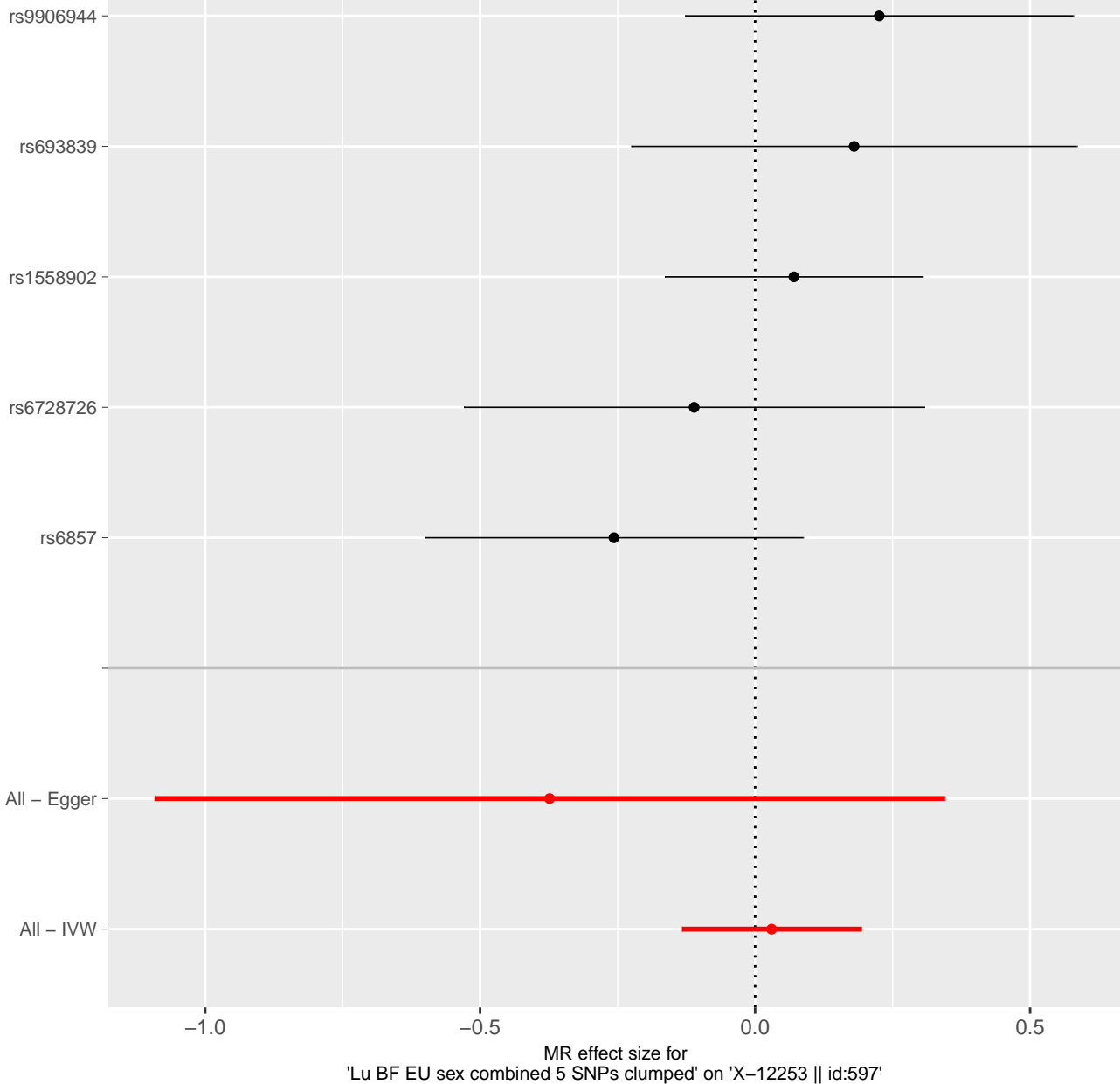
-1.0

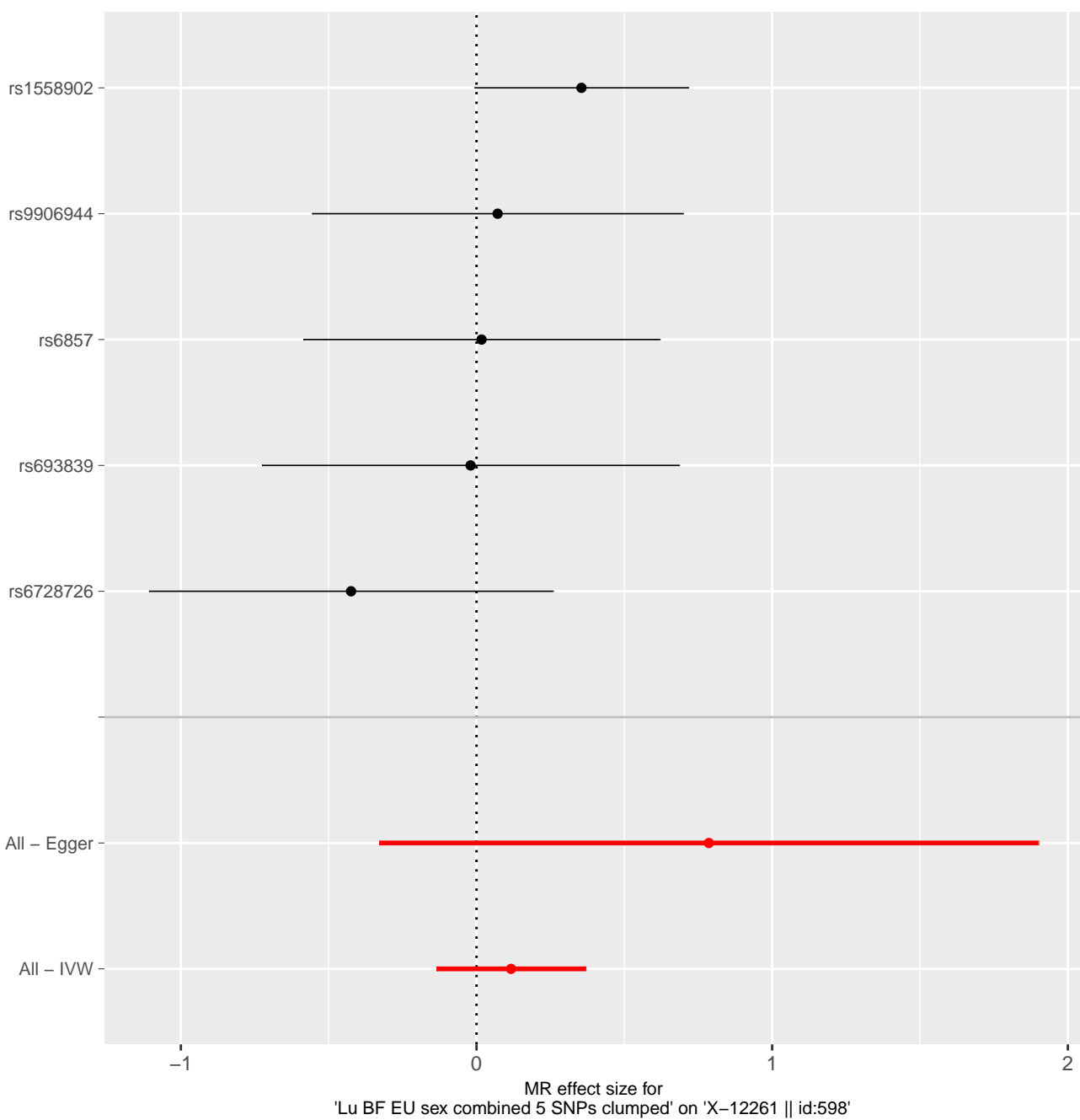
-0.5

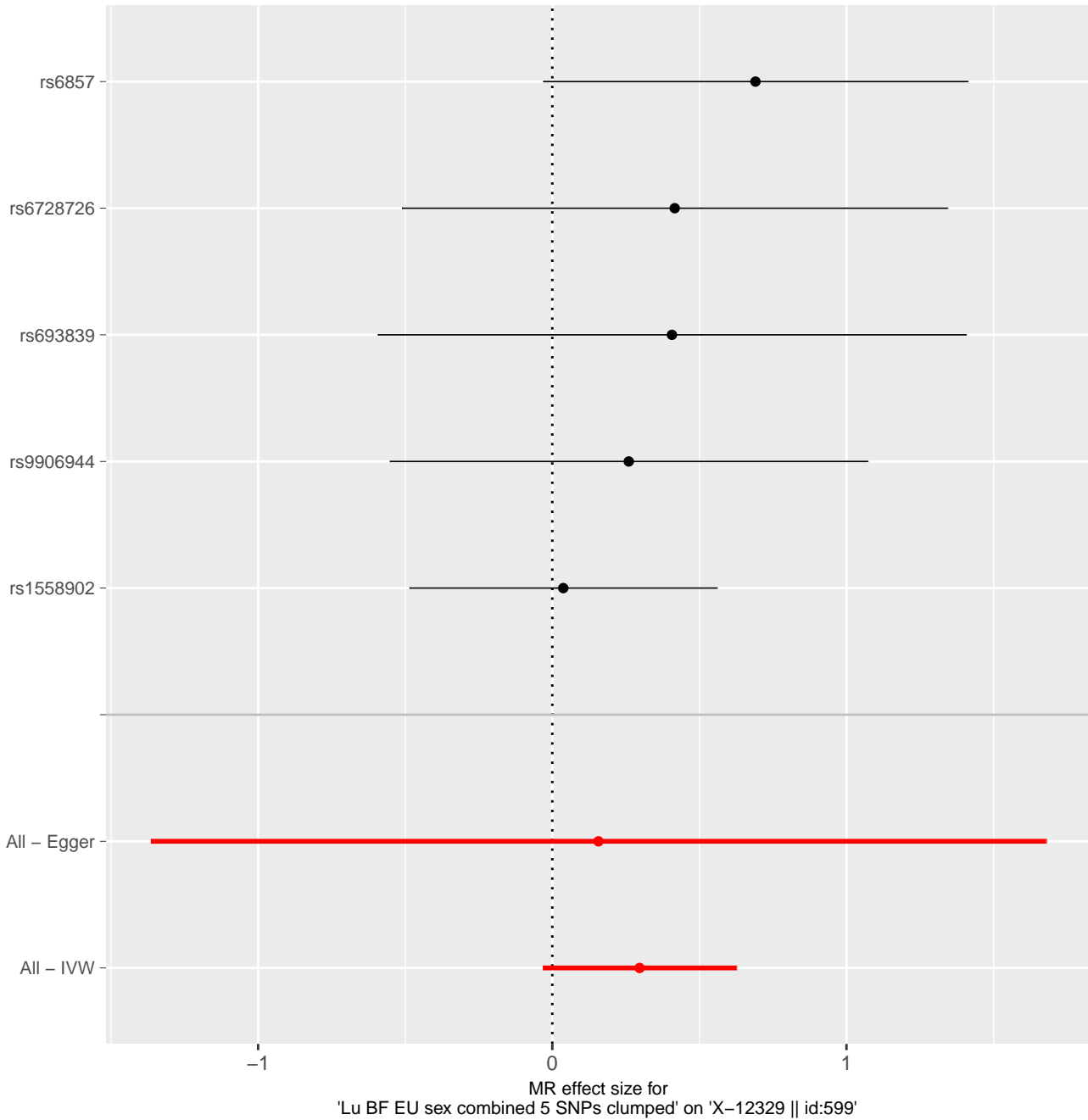
0.0

0.5

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12253 || id:597'







rs693839

rs1558902

rs6857

rs6728726

rs9906944

All – Egger

All – IVW

-0.5

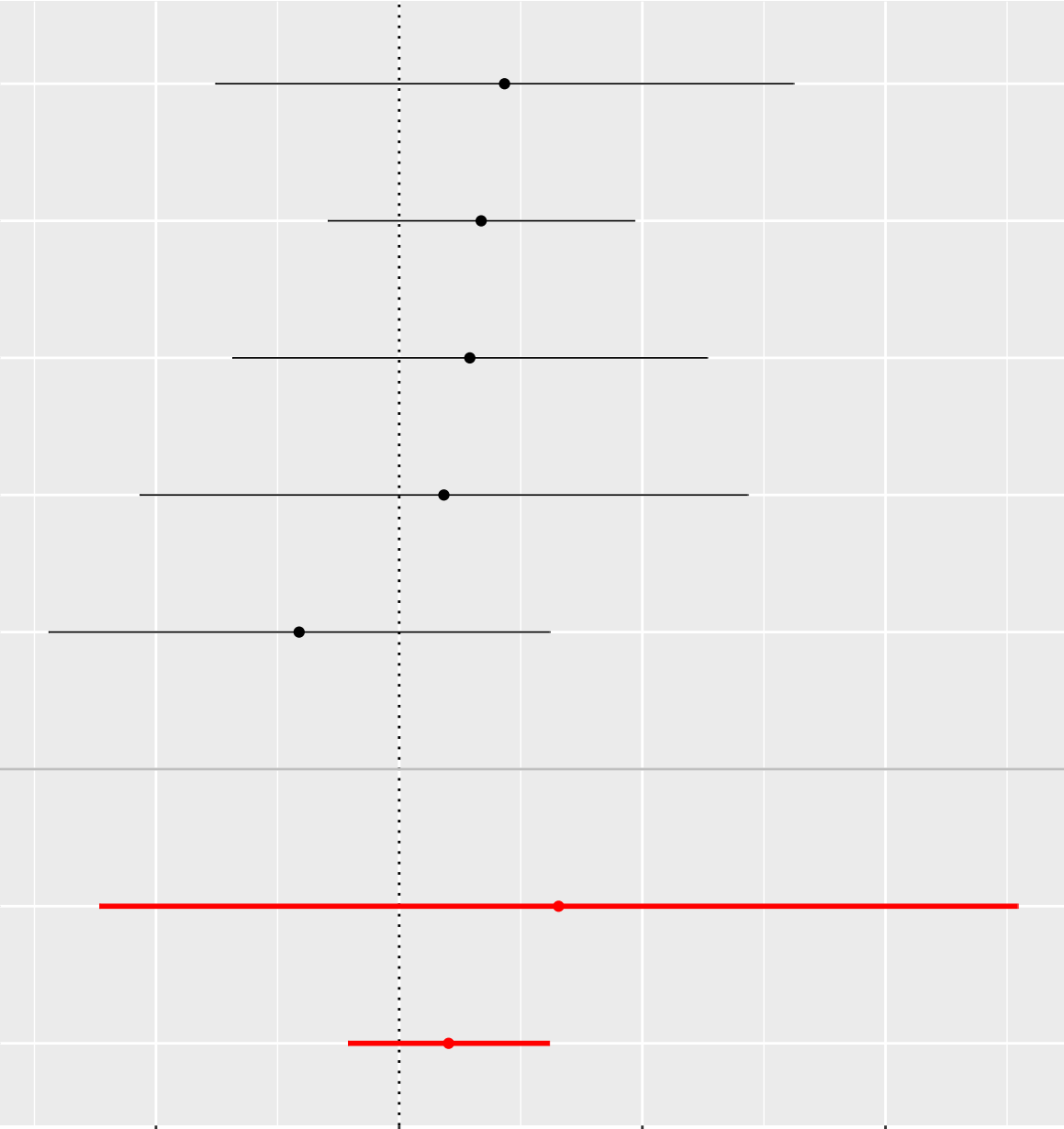
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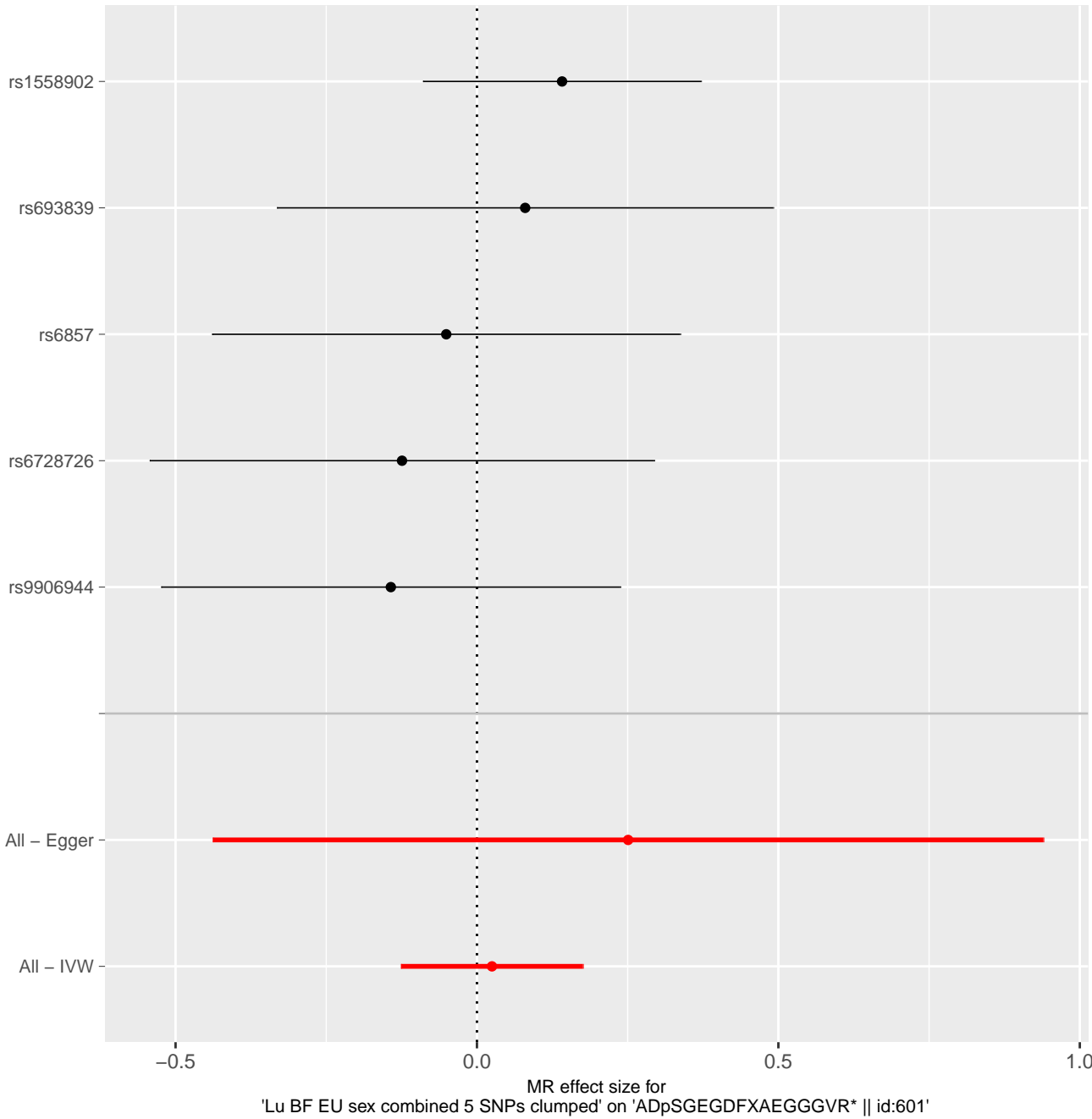
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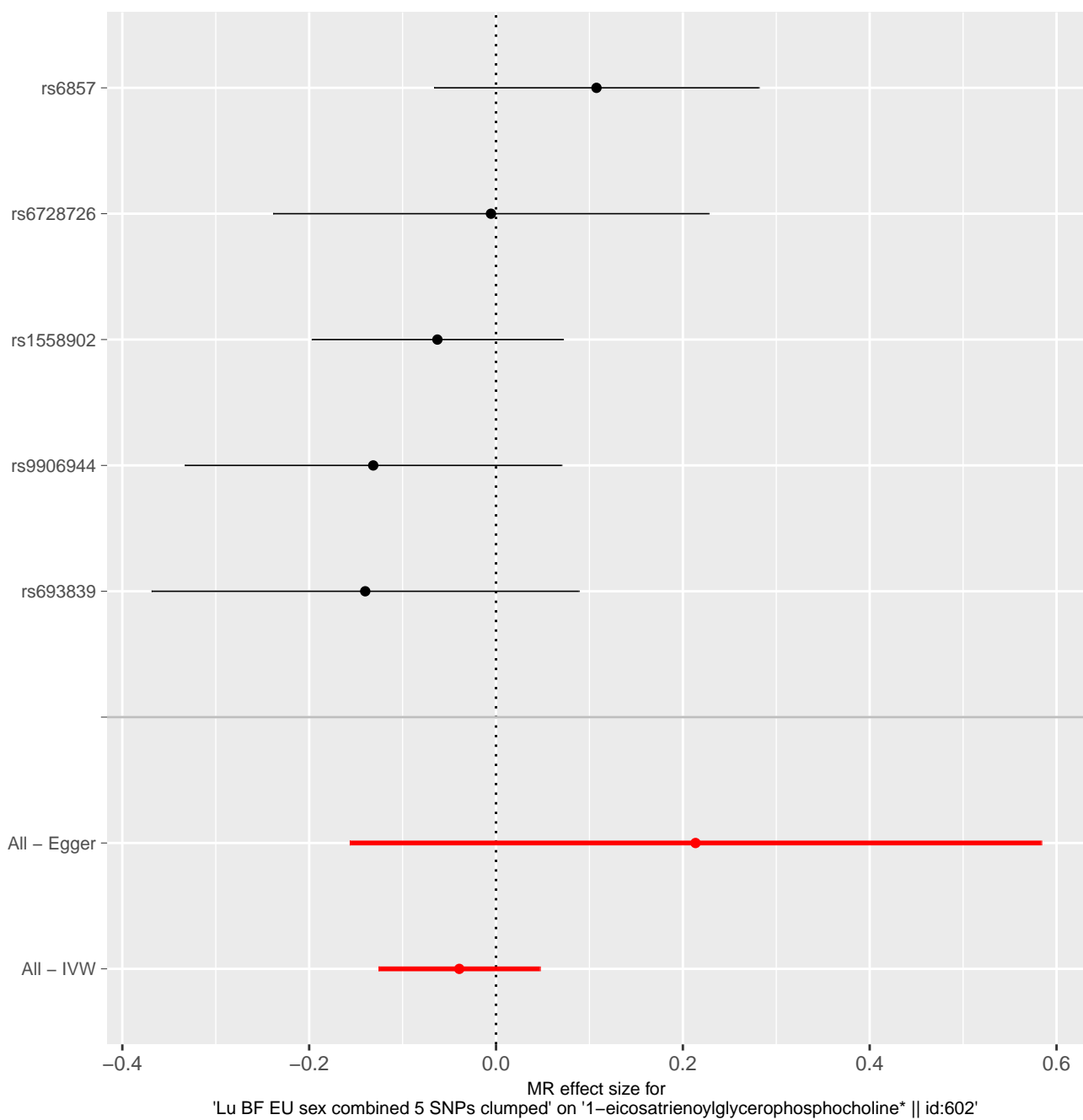
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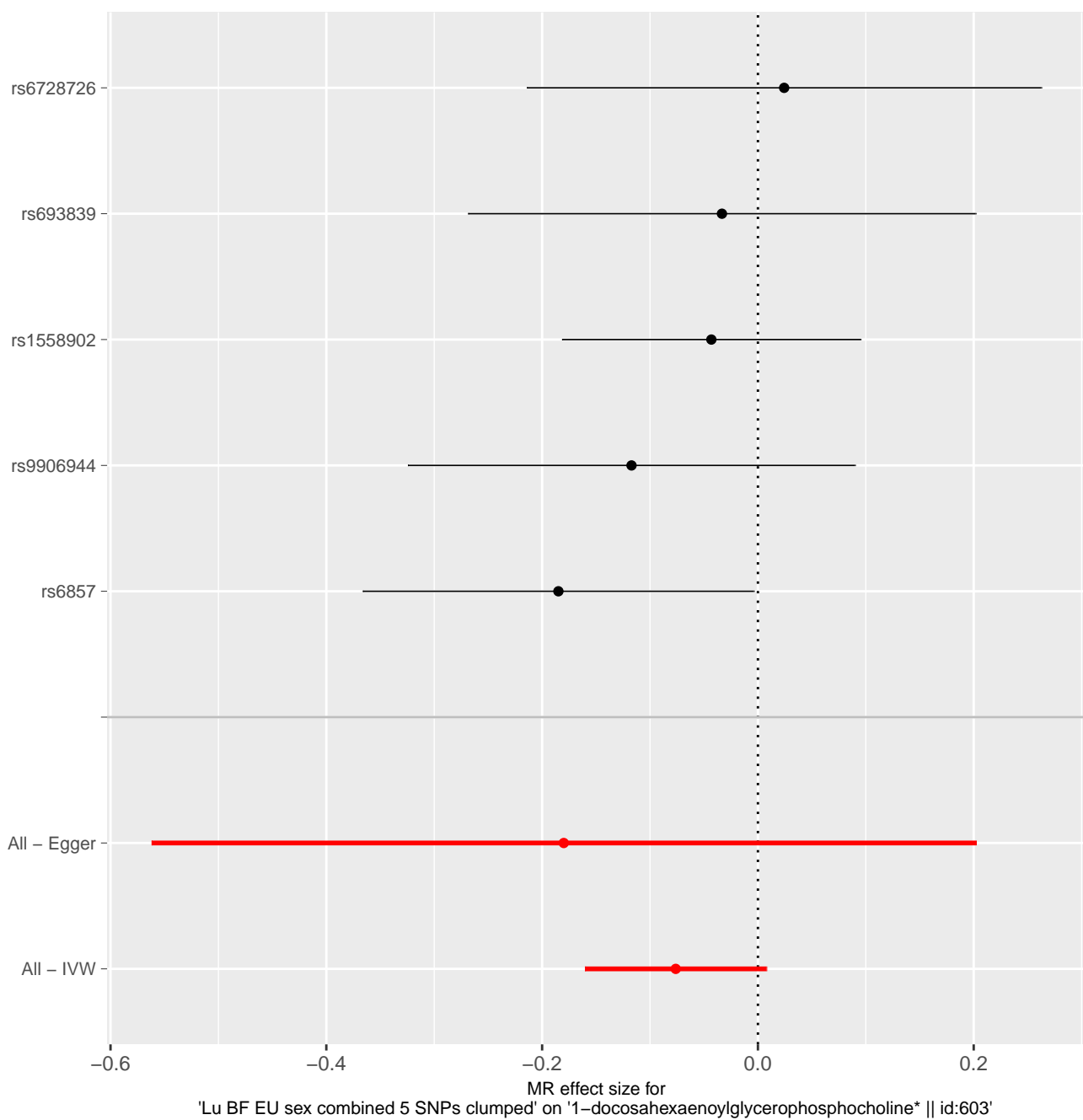
MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'X-10346 || id:600'









rs9906944

rs1558902

rs6857

rs693839

rs6728726

All – Egger

All – IVW

-0.3

0.0

0.3

0.6

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12405 || id:604'

rs6857

rs6728726

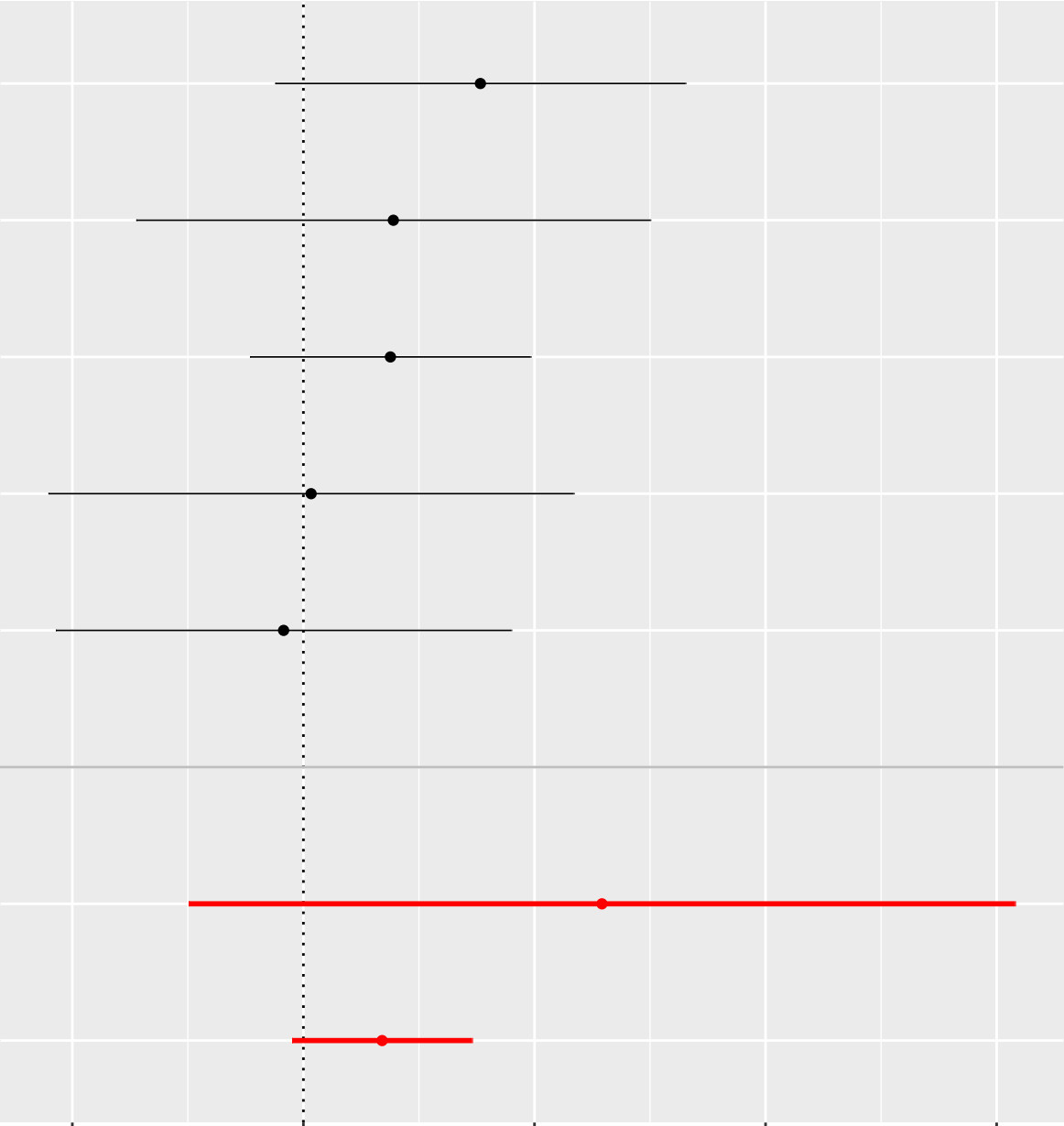
rs1558902

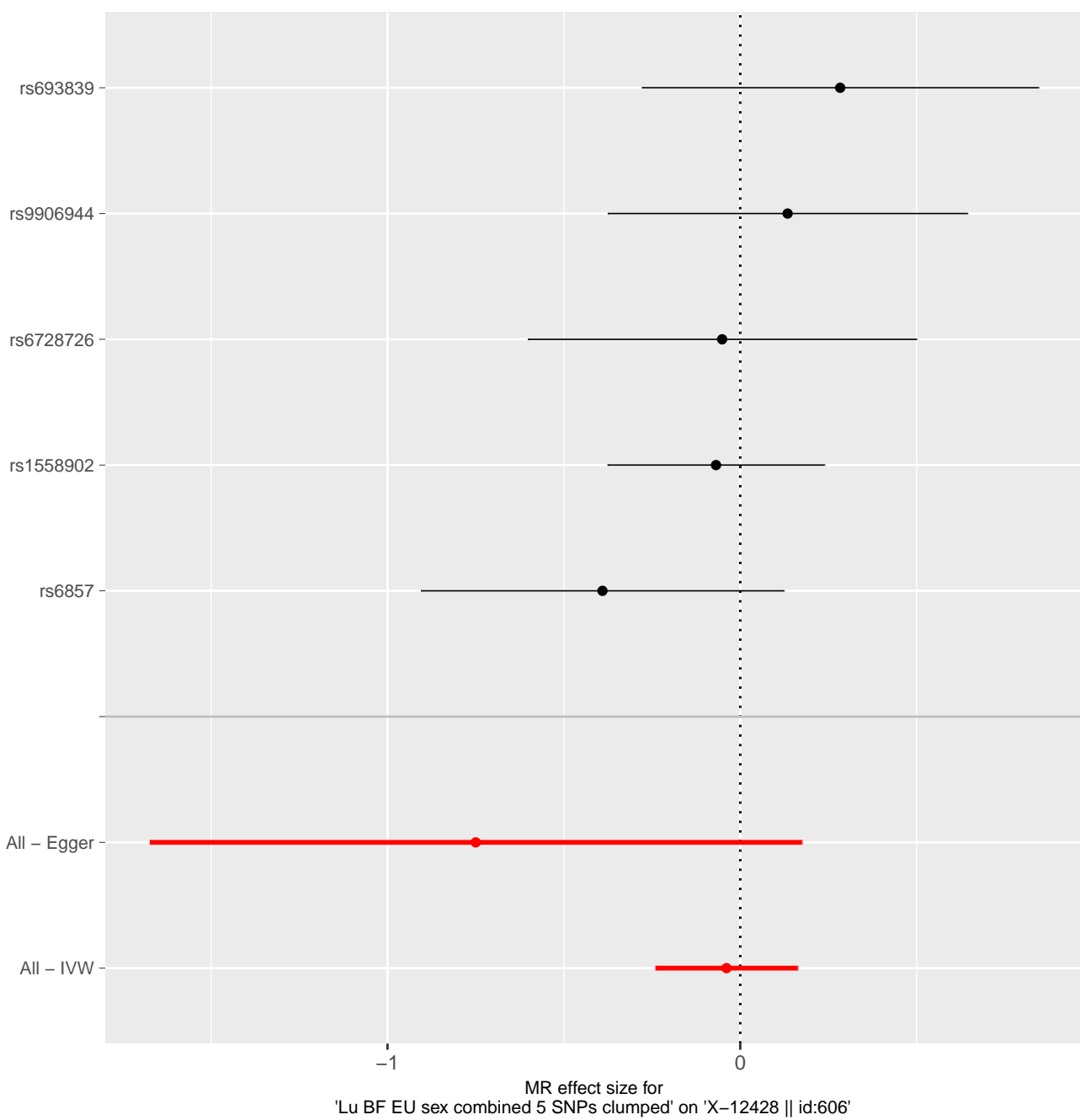
rs693839

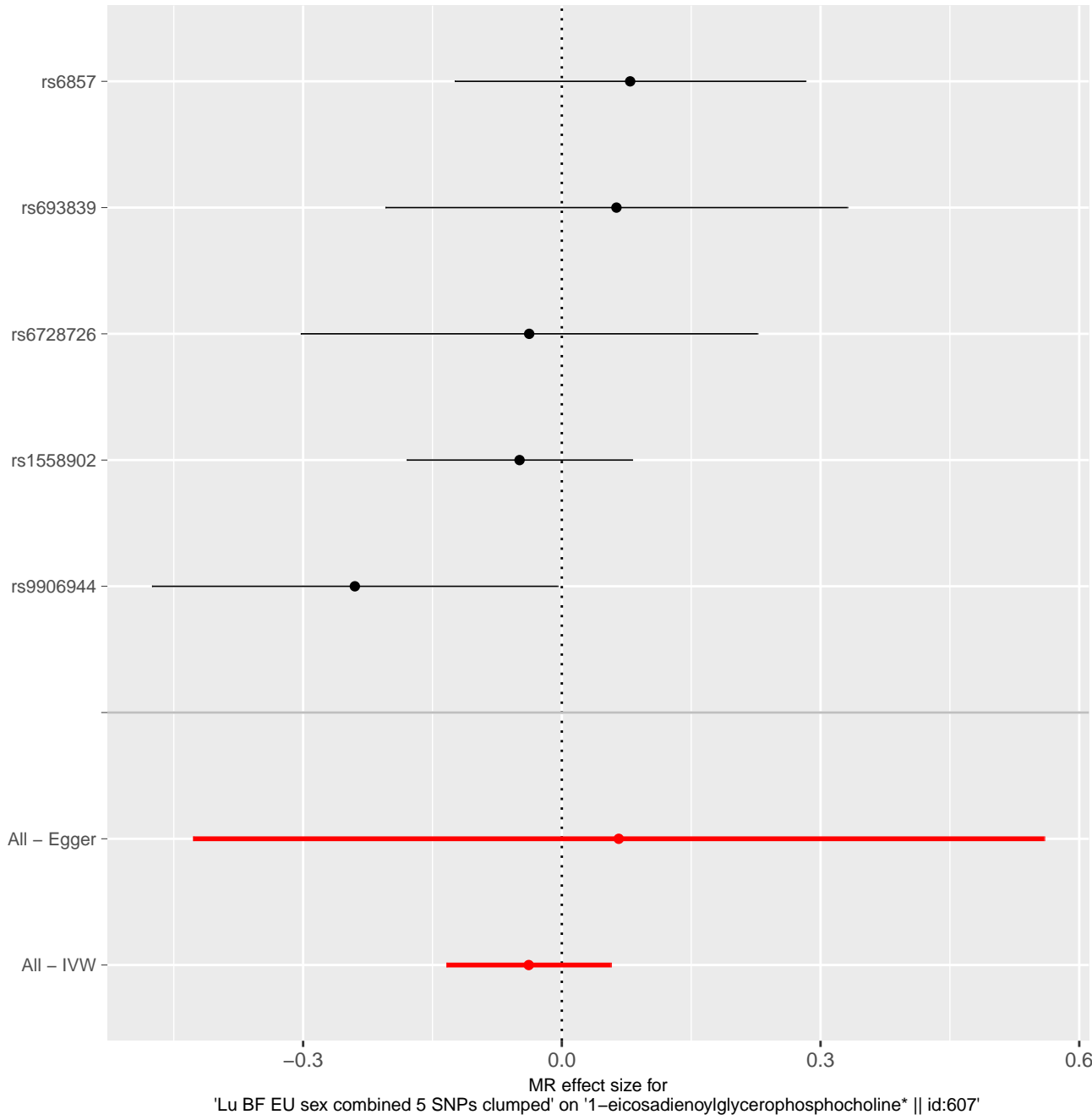
rs9906944

All – Egger

All – IVW







rs9906944

rs1558902

rs6857

rs693839

rs6728726

All – Egger

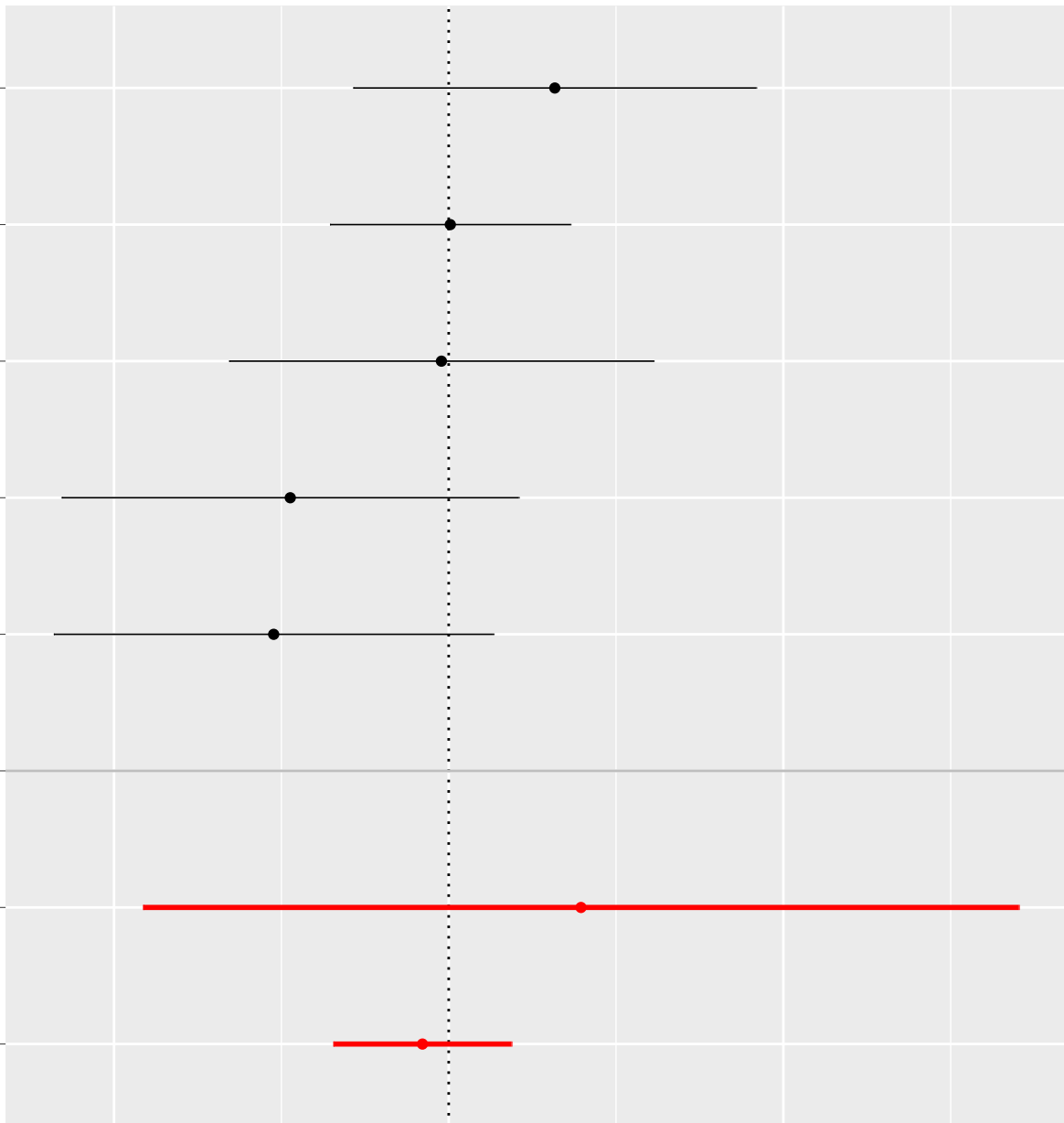
All – IVW

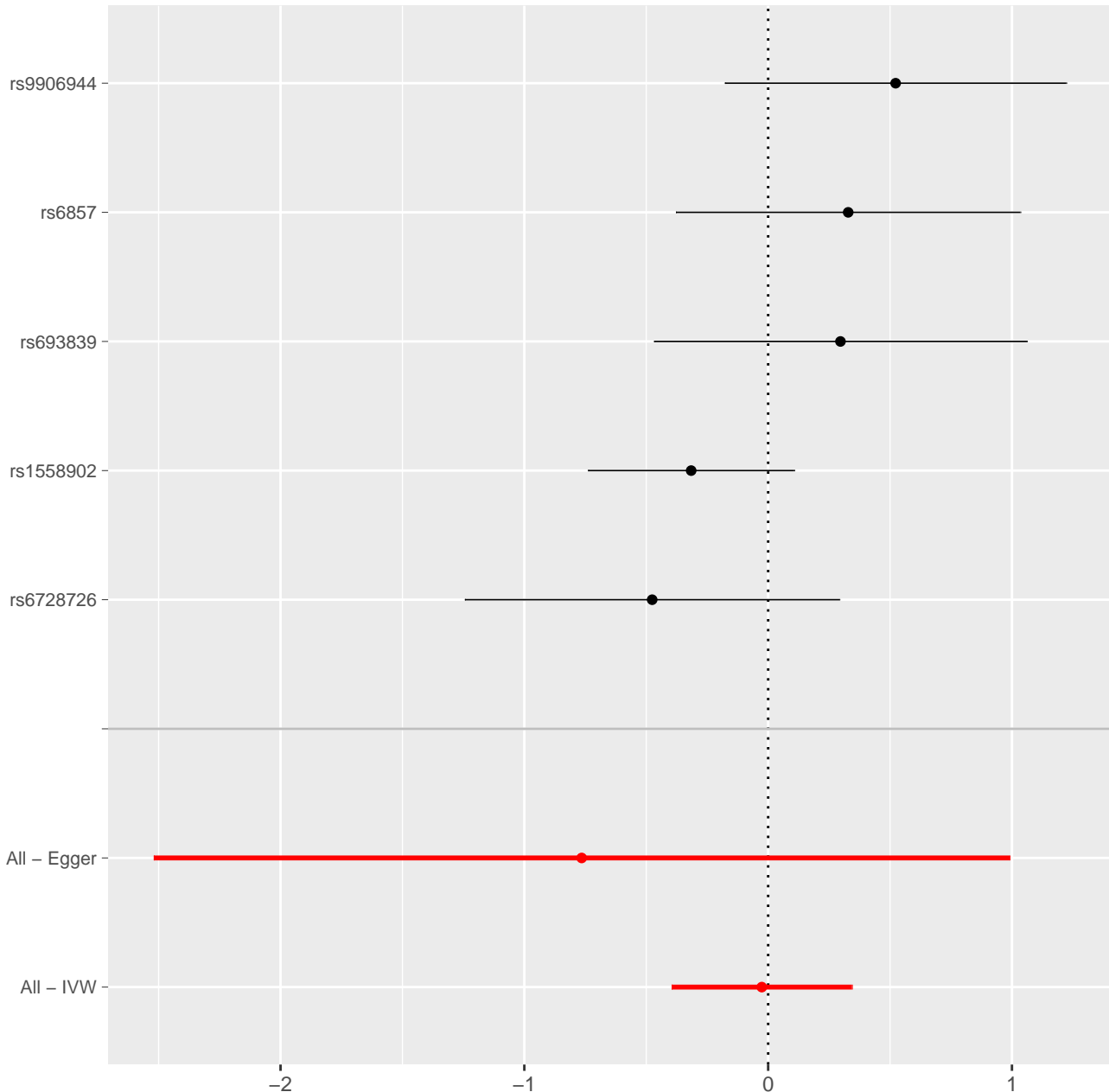
-2

0

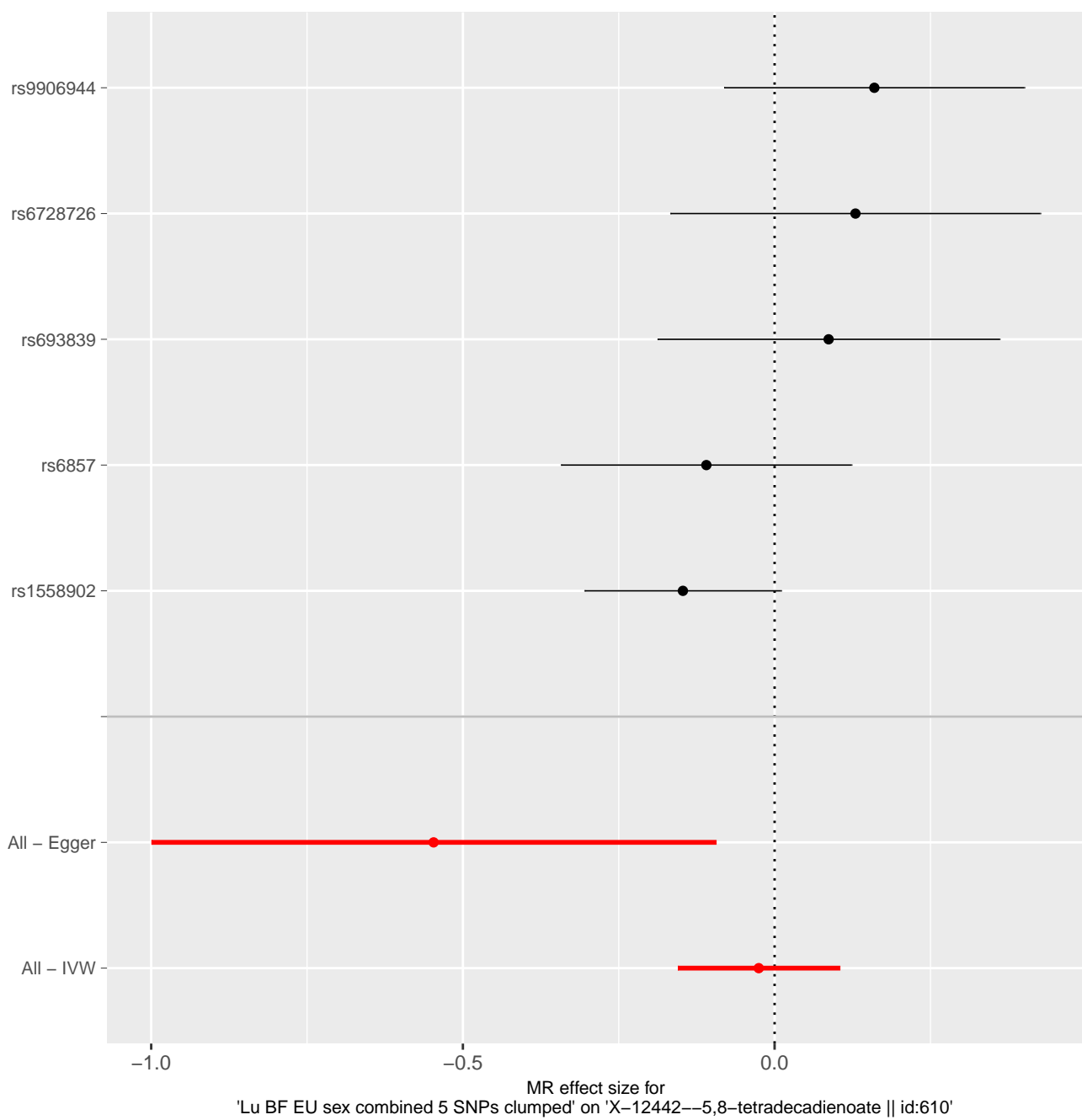
2

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12435 || id:608'





MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12441--12-hydroxyeicosatetraenoate (12-HETE) || id:609'



rs6728726

rs9906944

rs6857

rs1558902

rs693839

All – Egger

All – IVW

-1.0

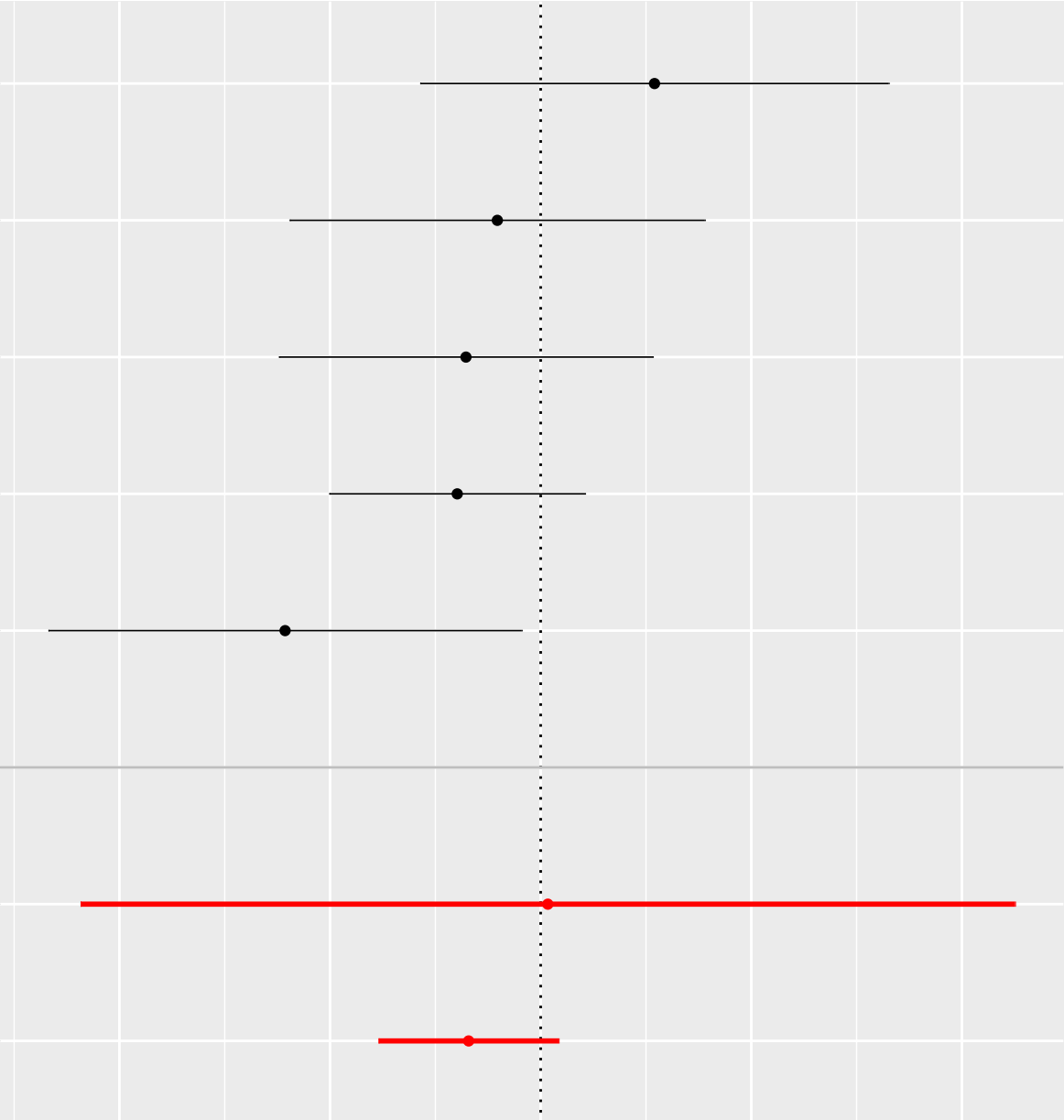
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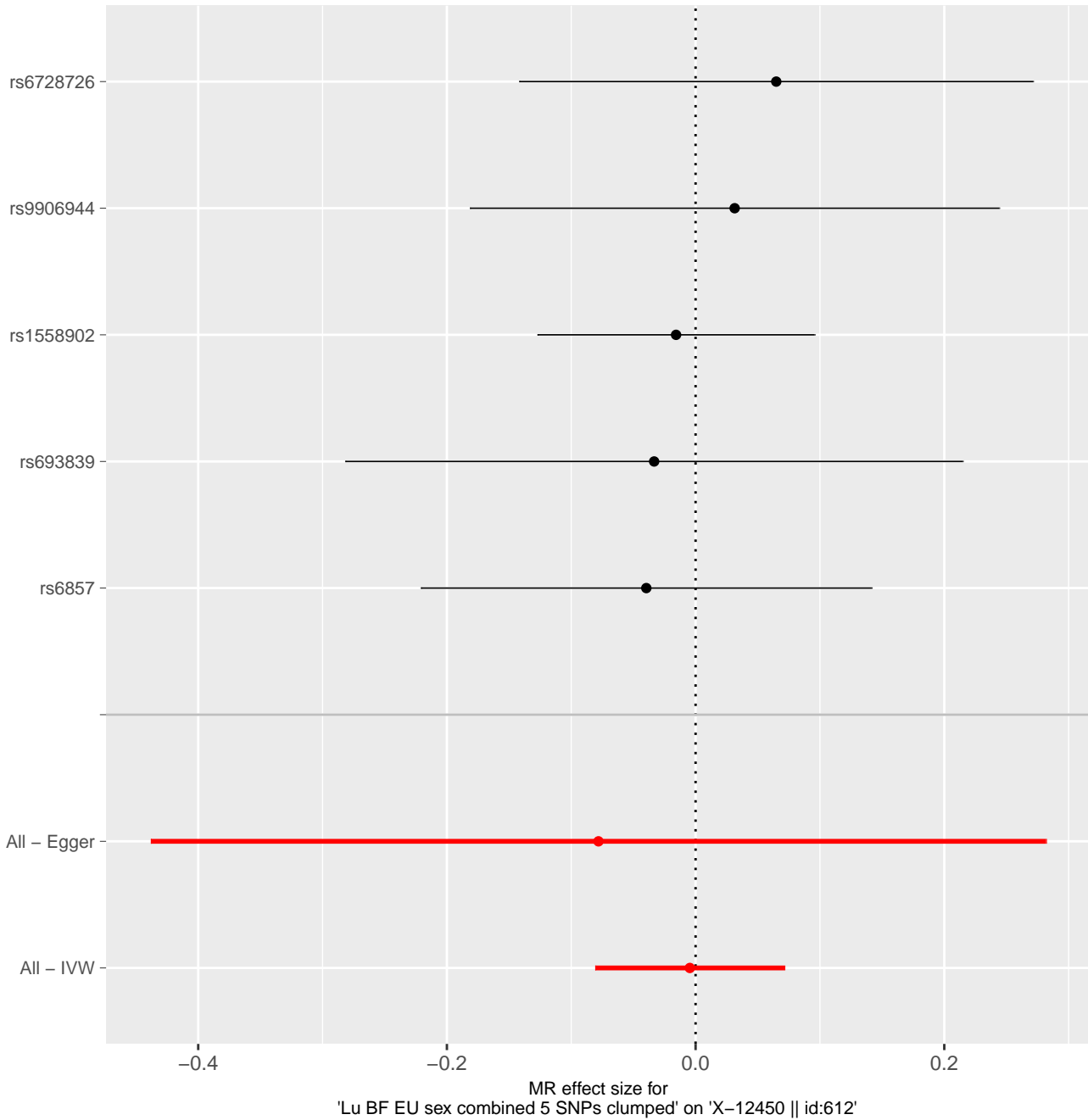
0.0

0.5

1.0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12443 || id:611'





rs1558902

rs9906944

rs693839

rs6728726

rs6857

All – Egger

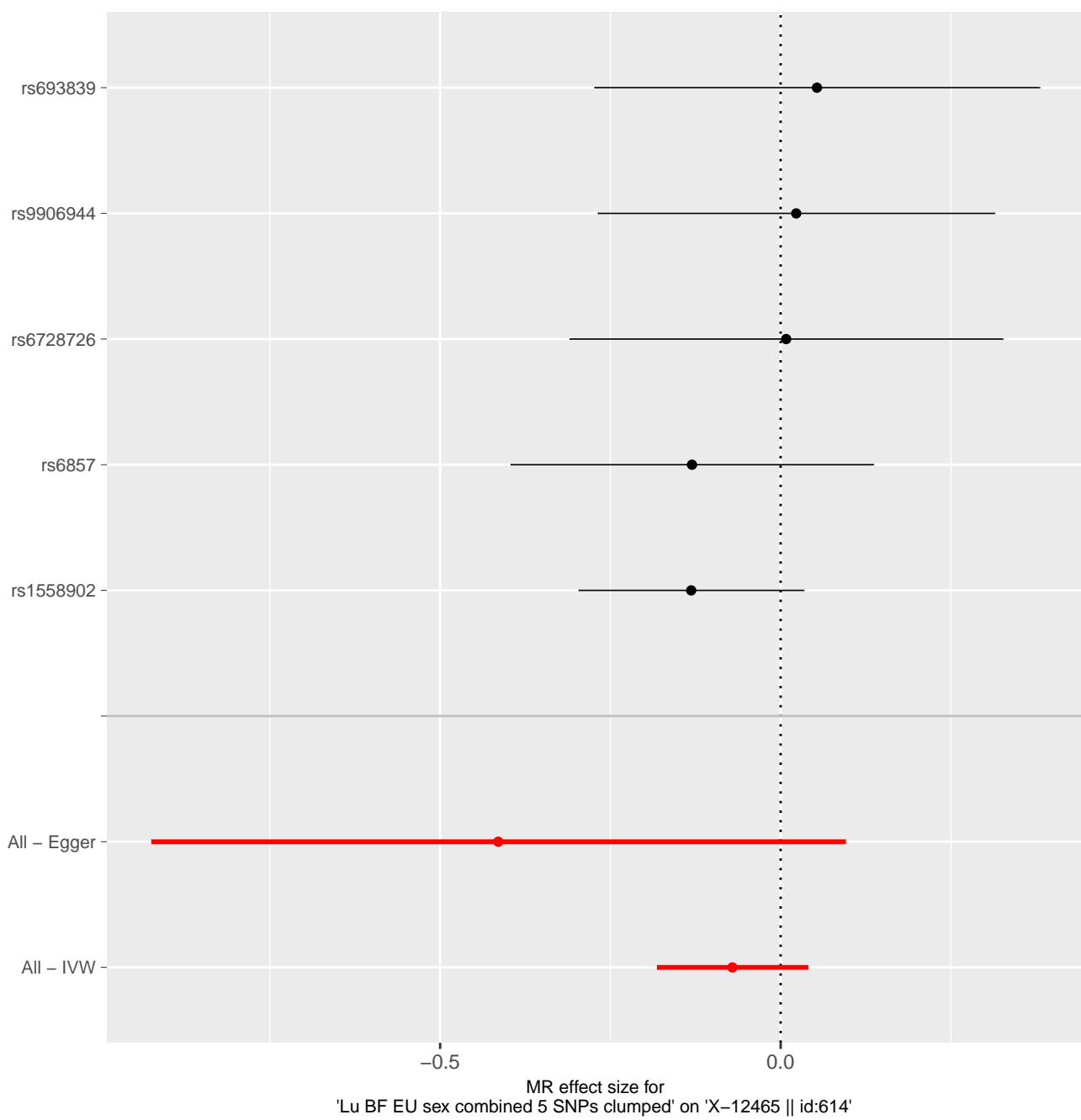
All – IVW

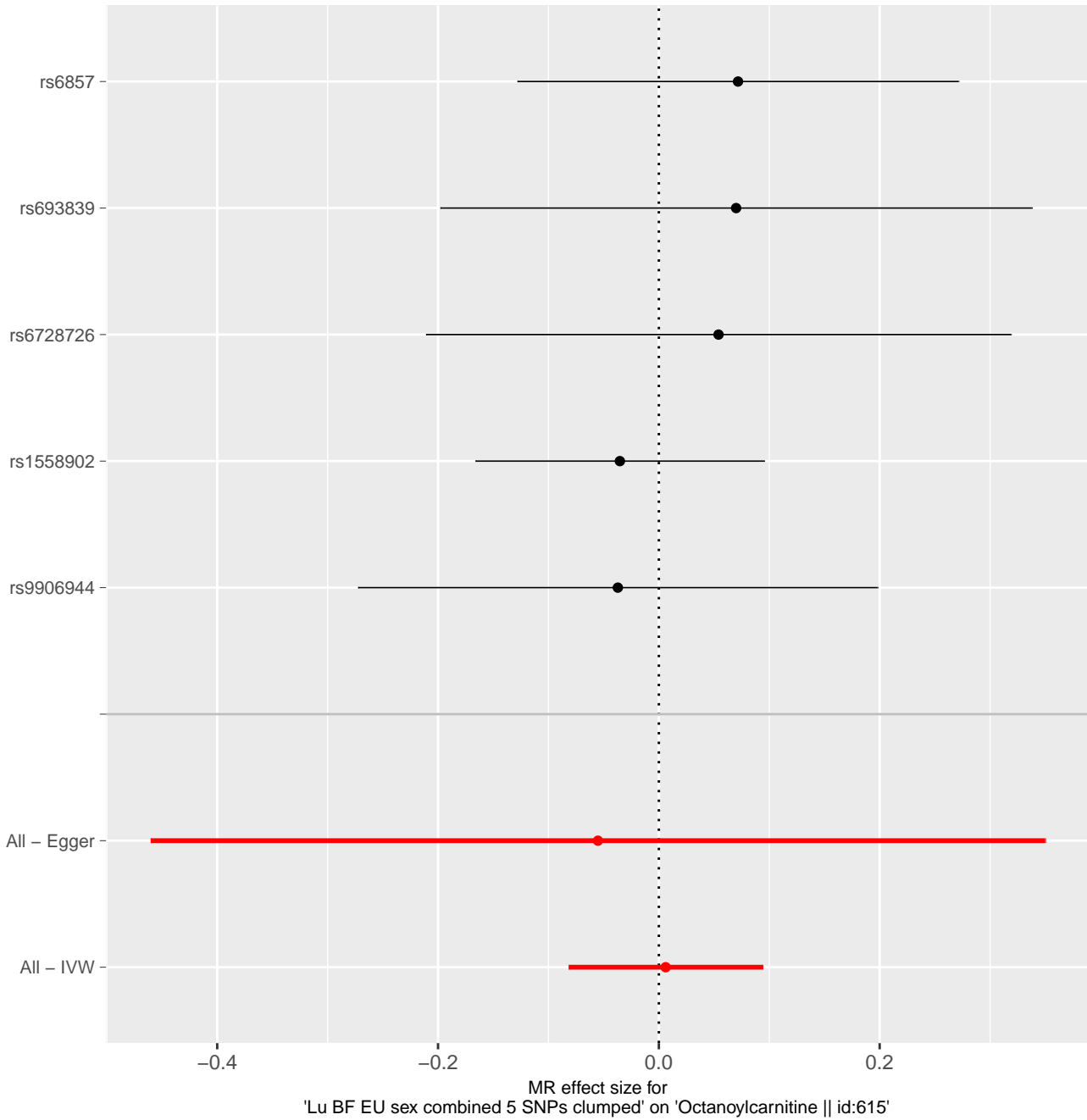
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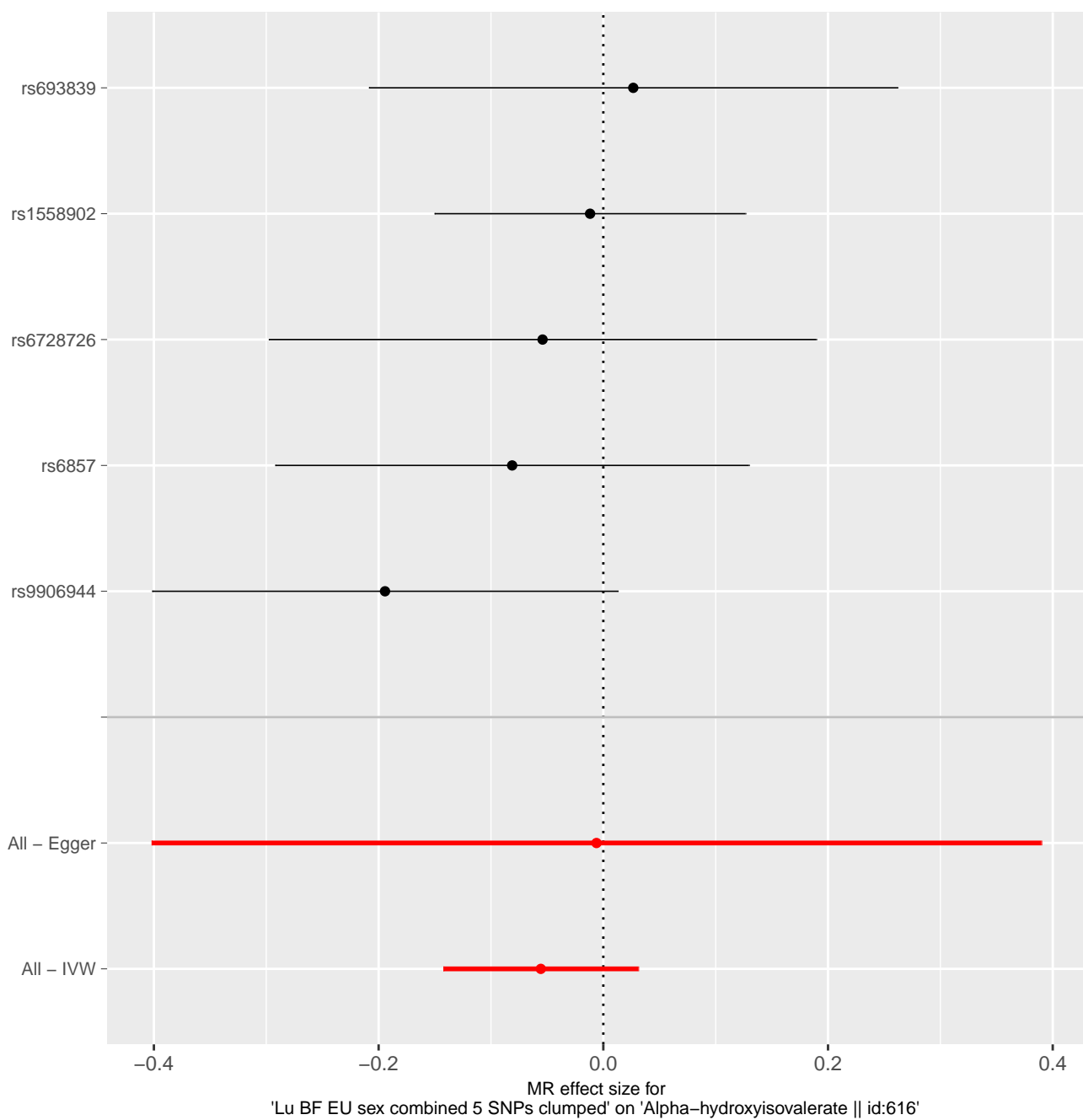
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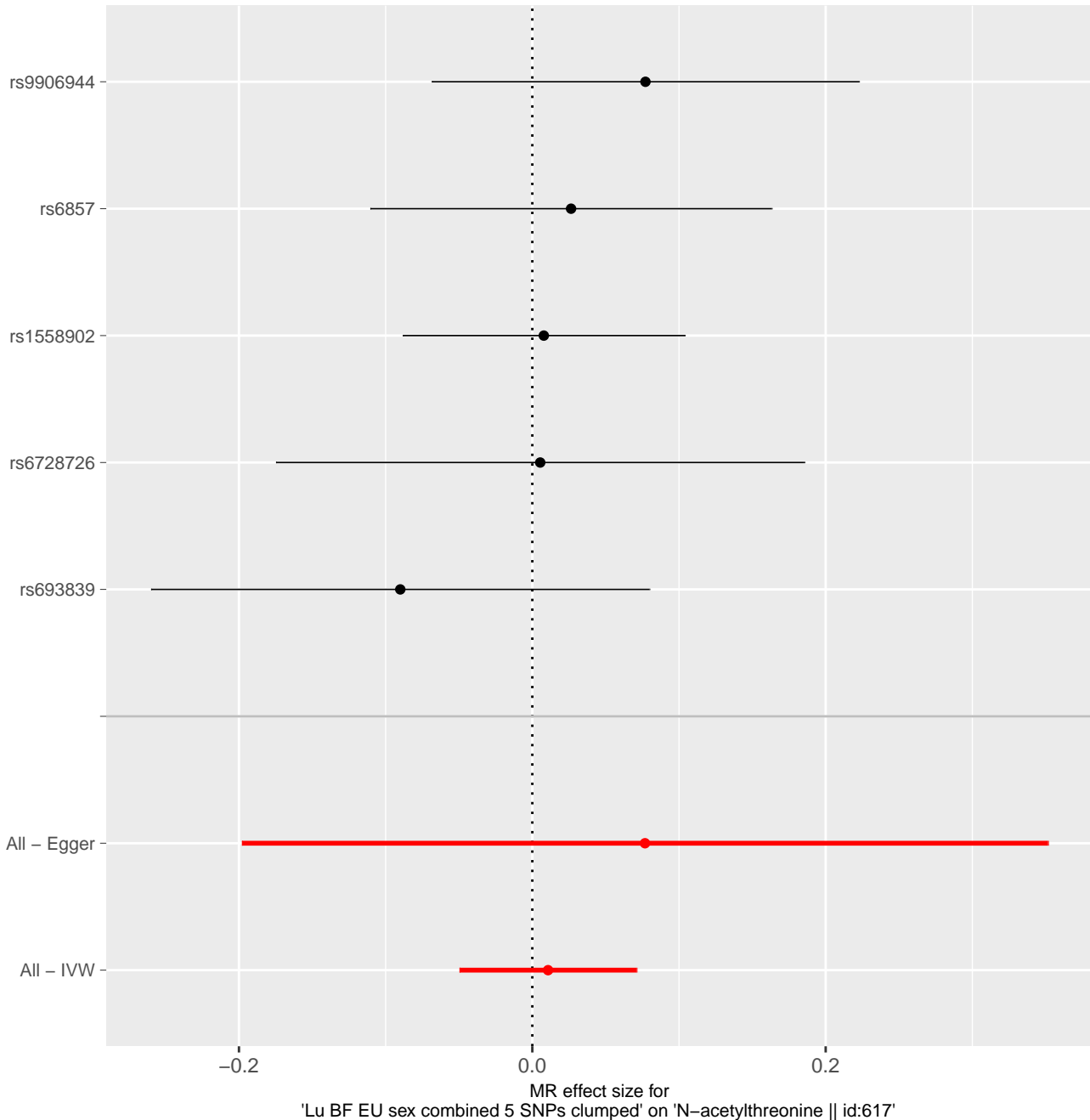
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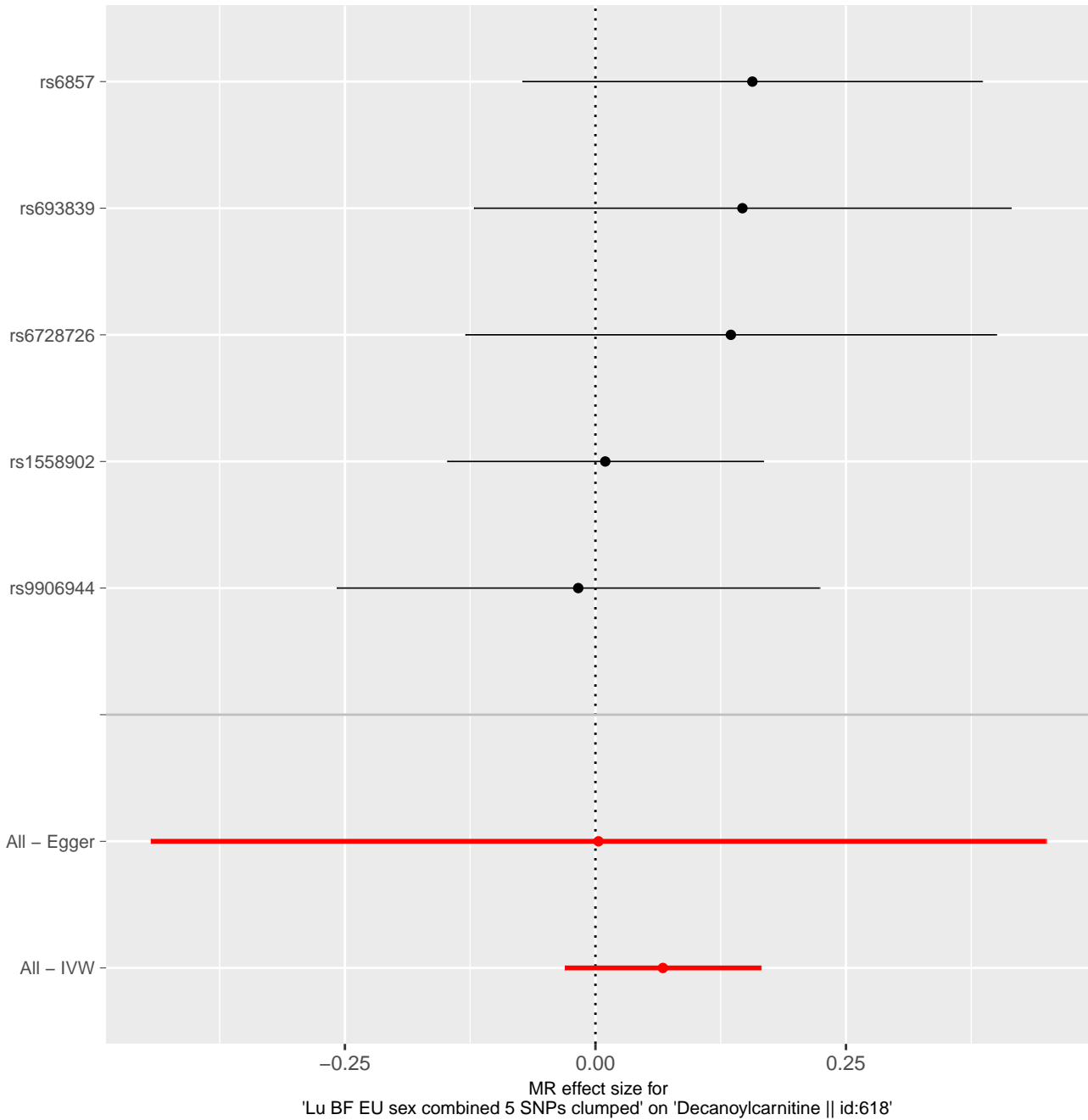
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12456 || id:613'











rs6728726

rs6857

rs9906944

rs1558902

rs693839

All – Egger

All – IVW

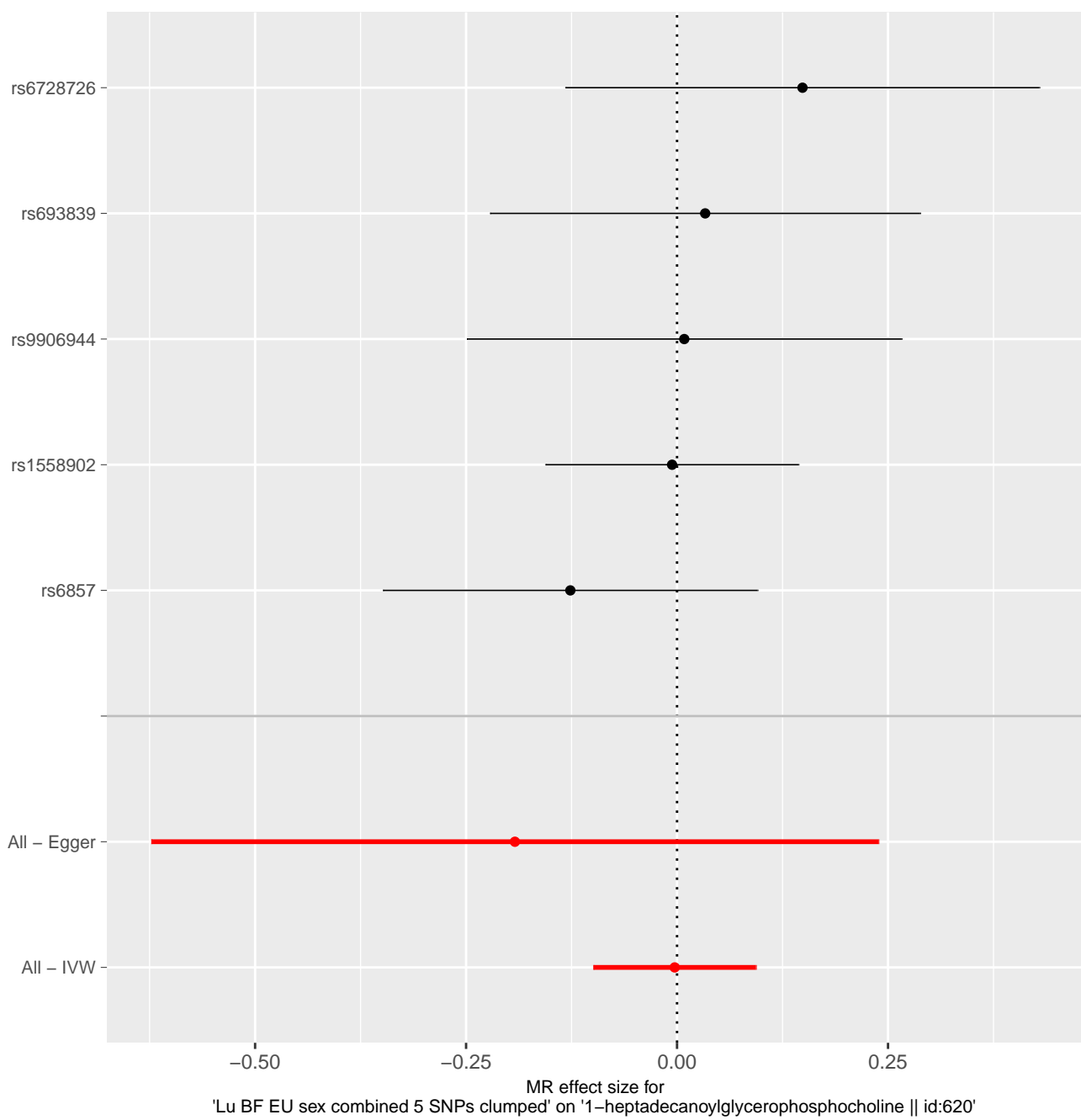
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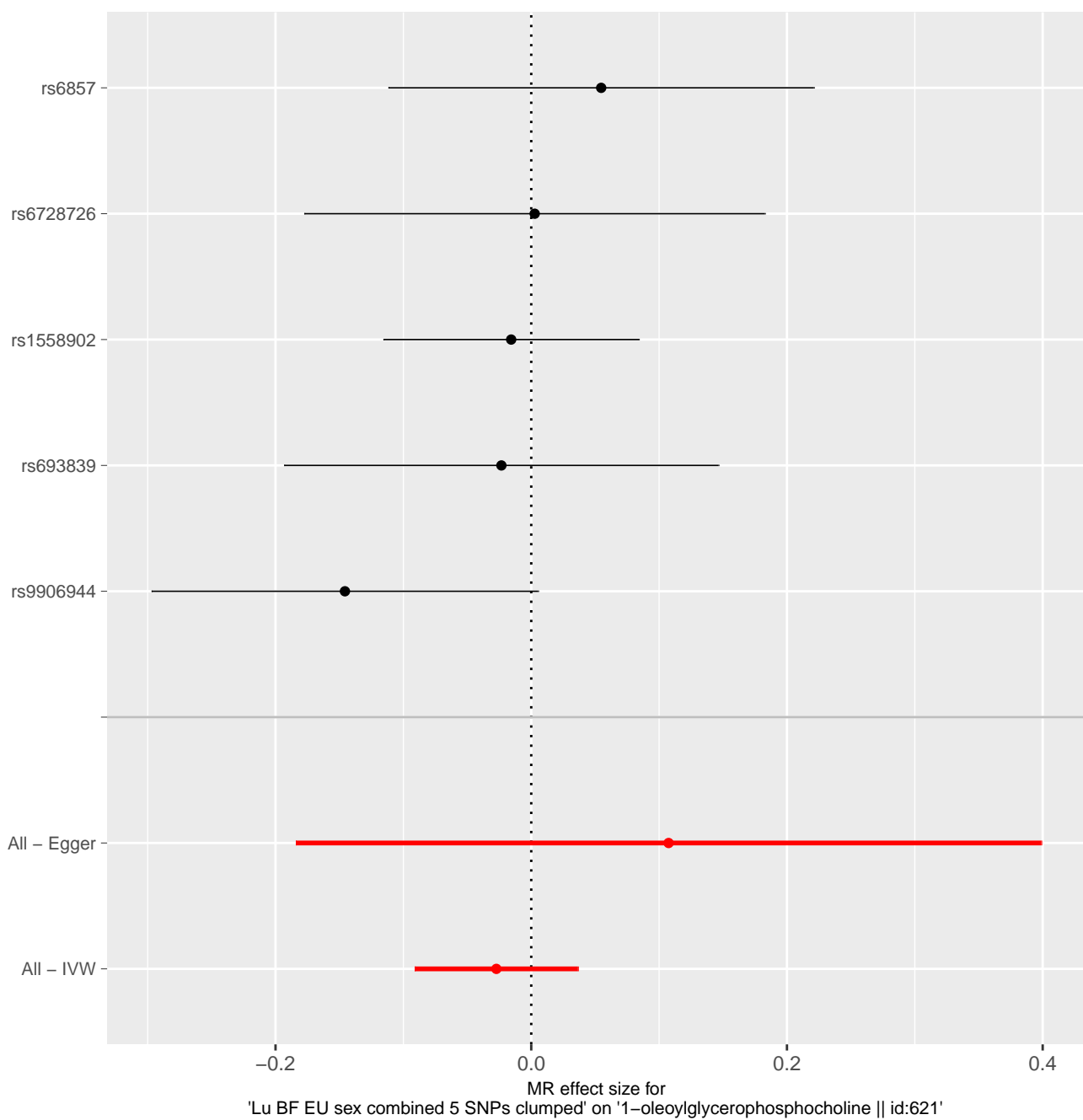
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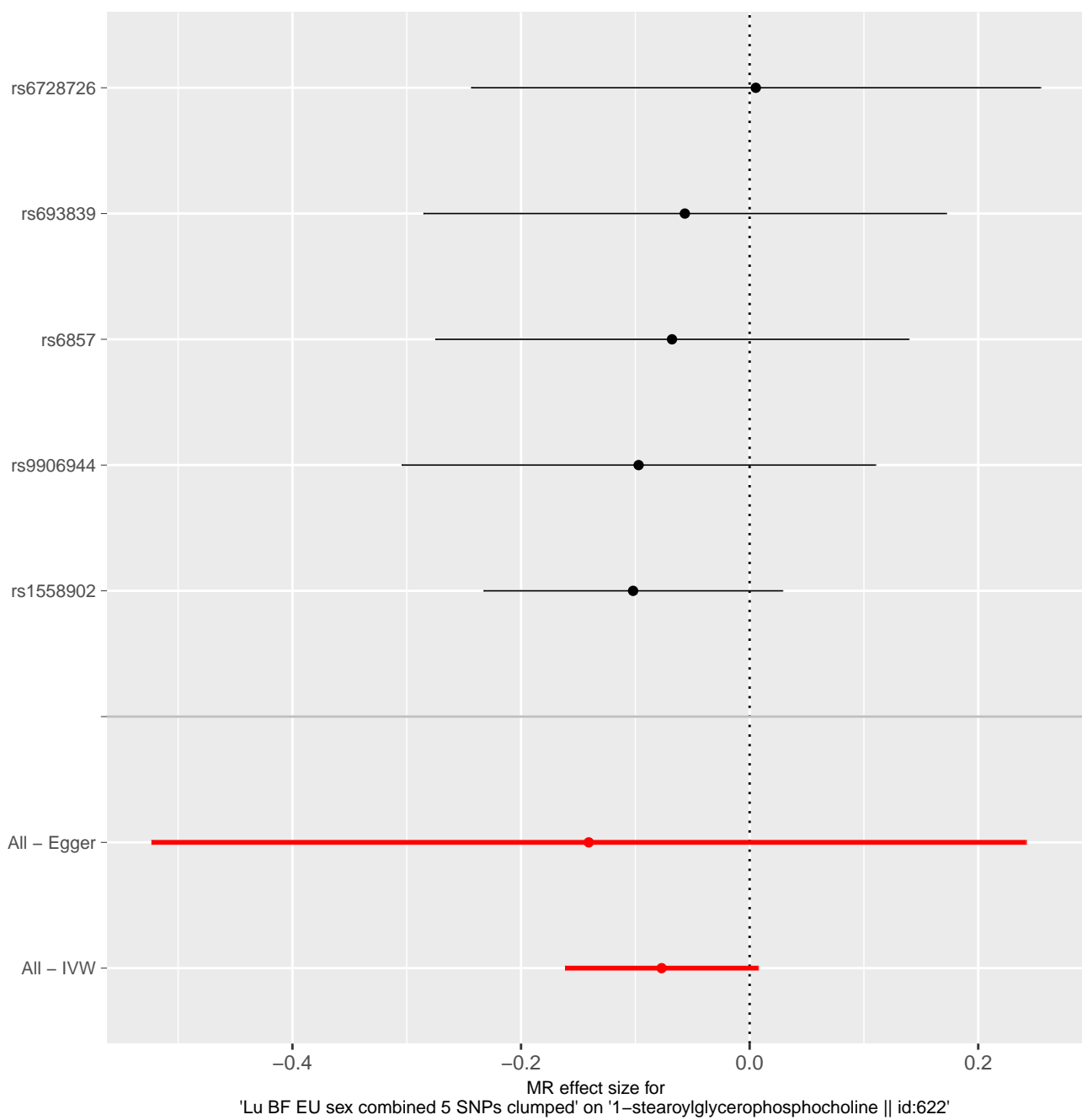
0.1

0.2

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on '1-palmitoylglycerophosphocholine || id:619'







rs9906944

rs6728726

rs693839

rs6857

rs1558902

All – Egger

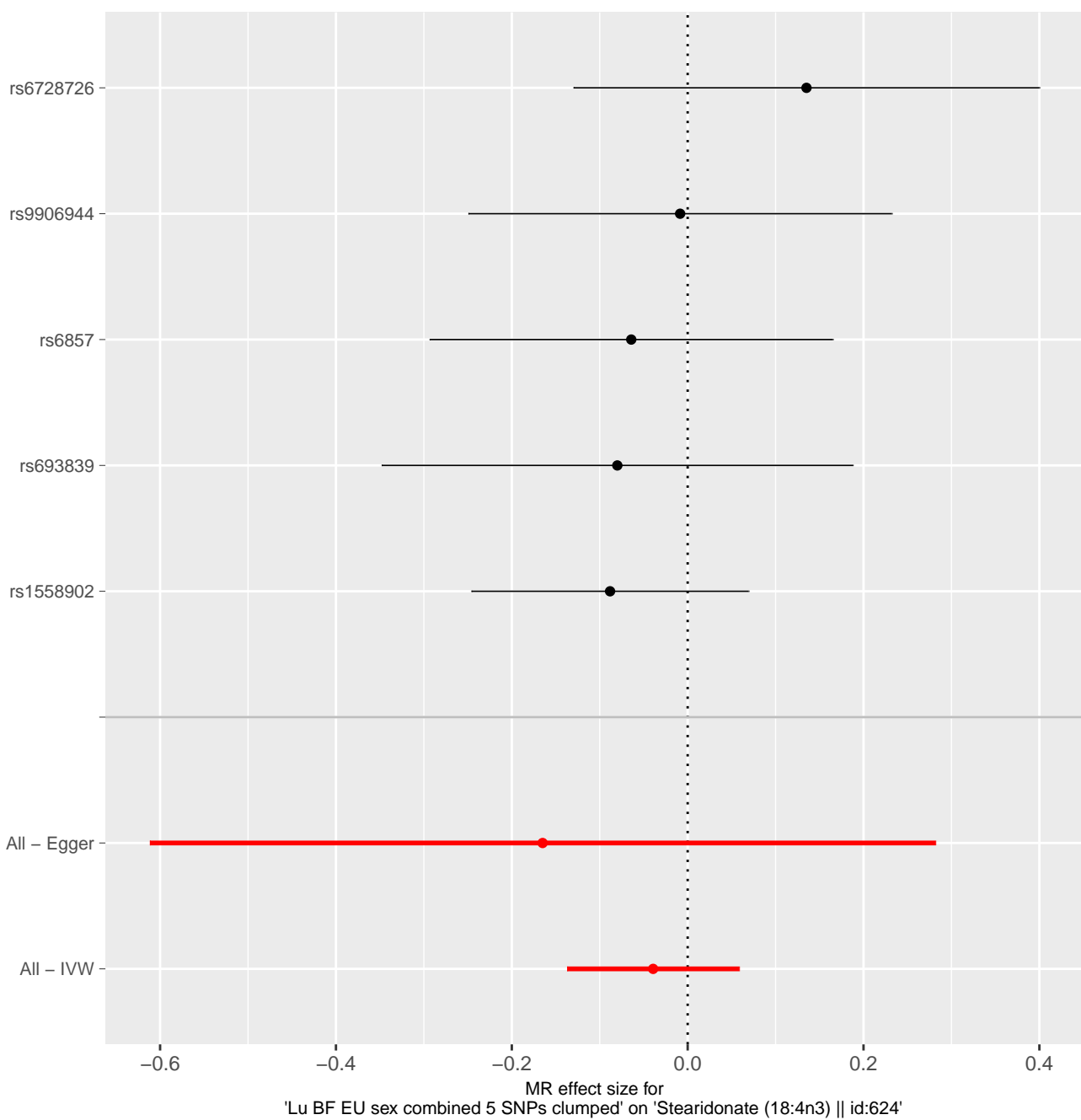
All – IVW

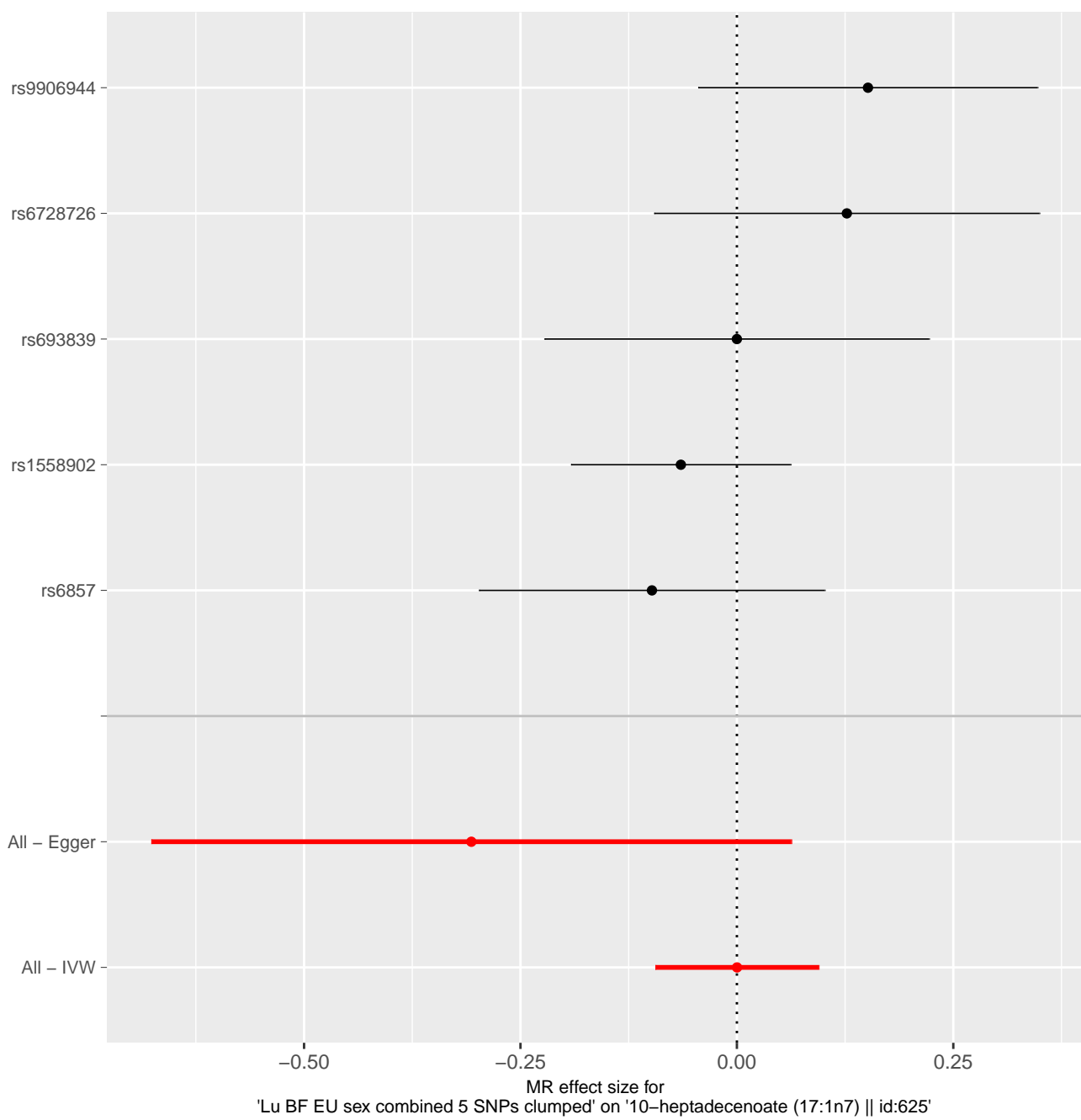
-0.5

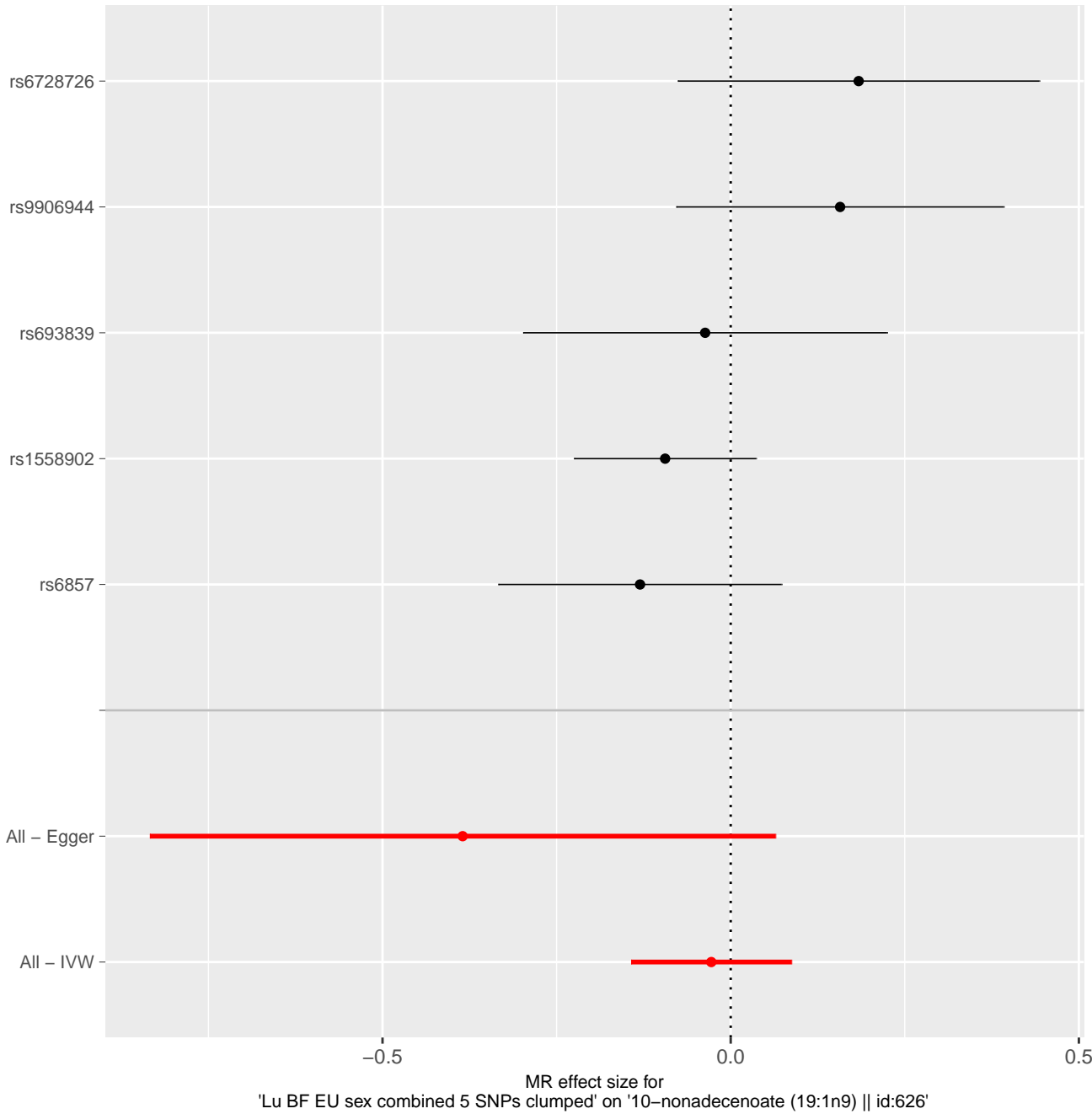
0.0

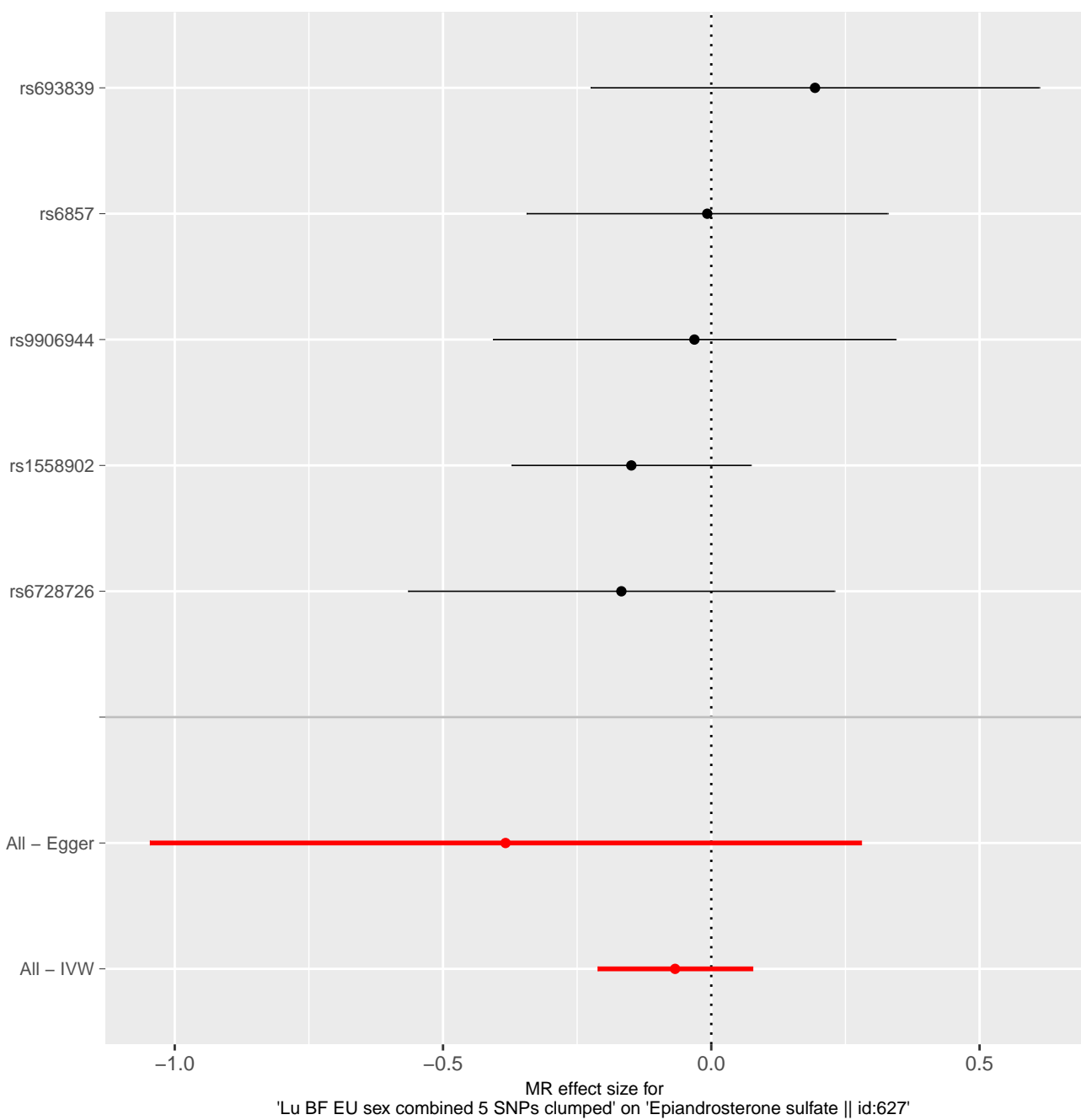
MR effect size for

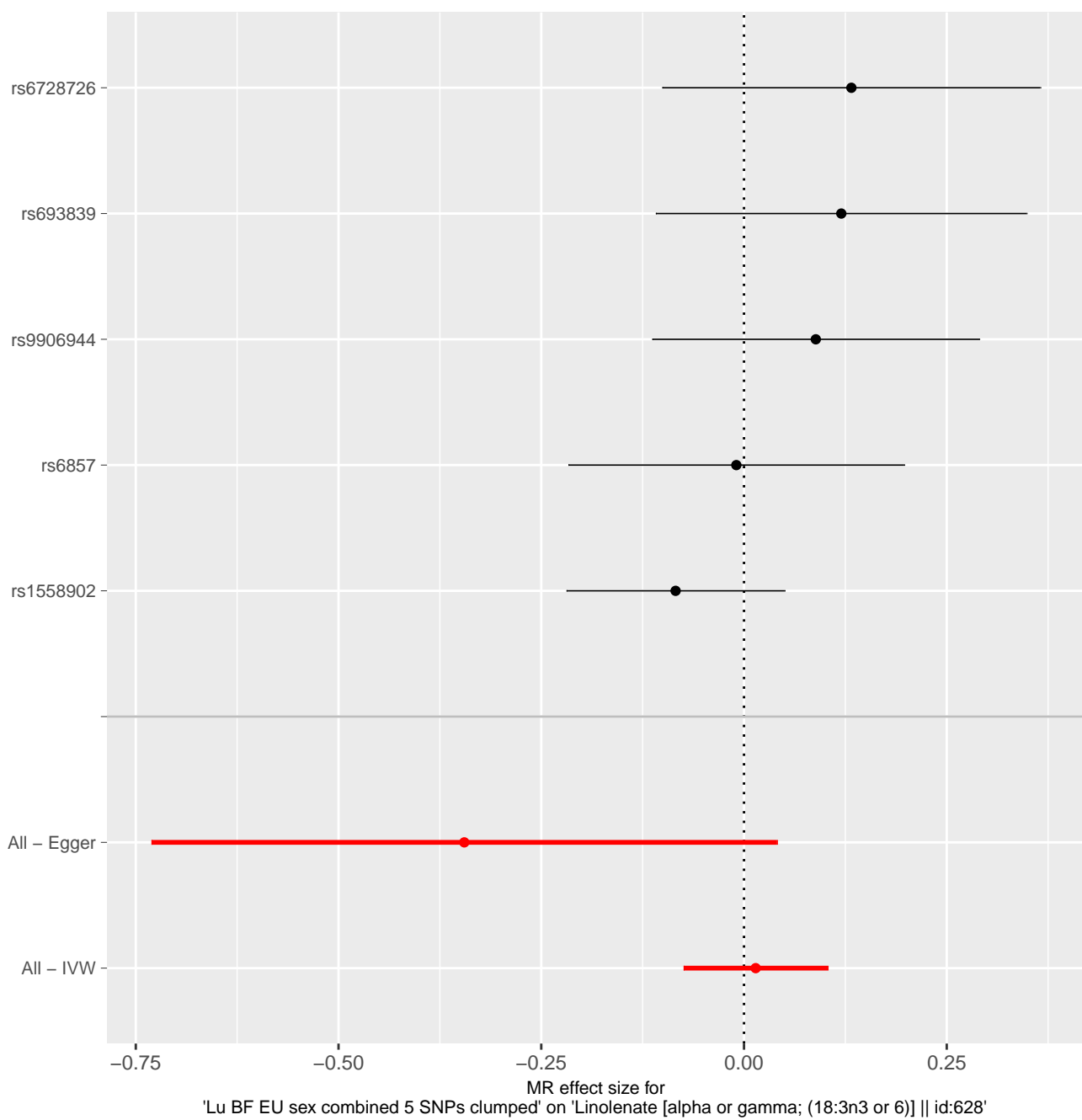
'Lu BF EU sex combined 5 SNPs clumped' on '5-dodecenoate (12:1n7) || id:623'

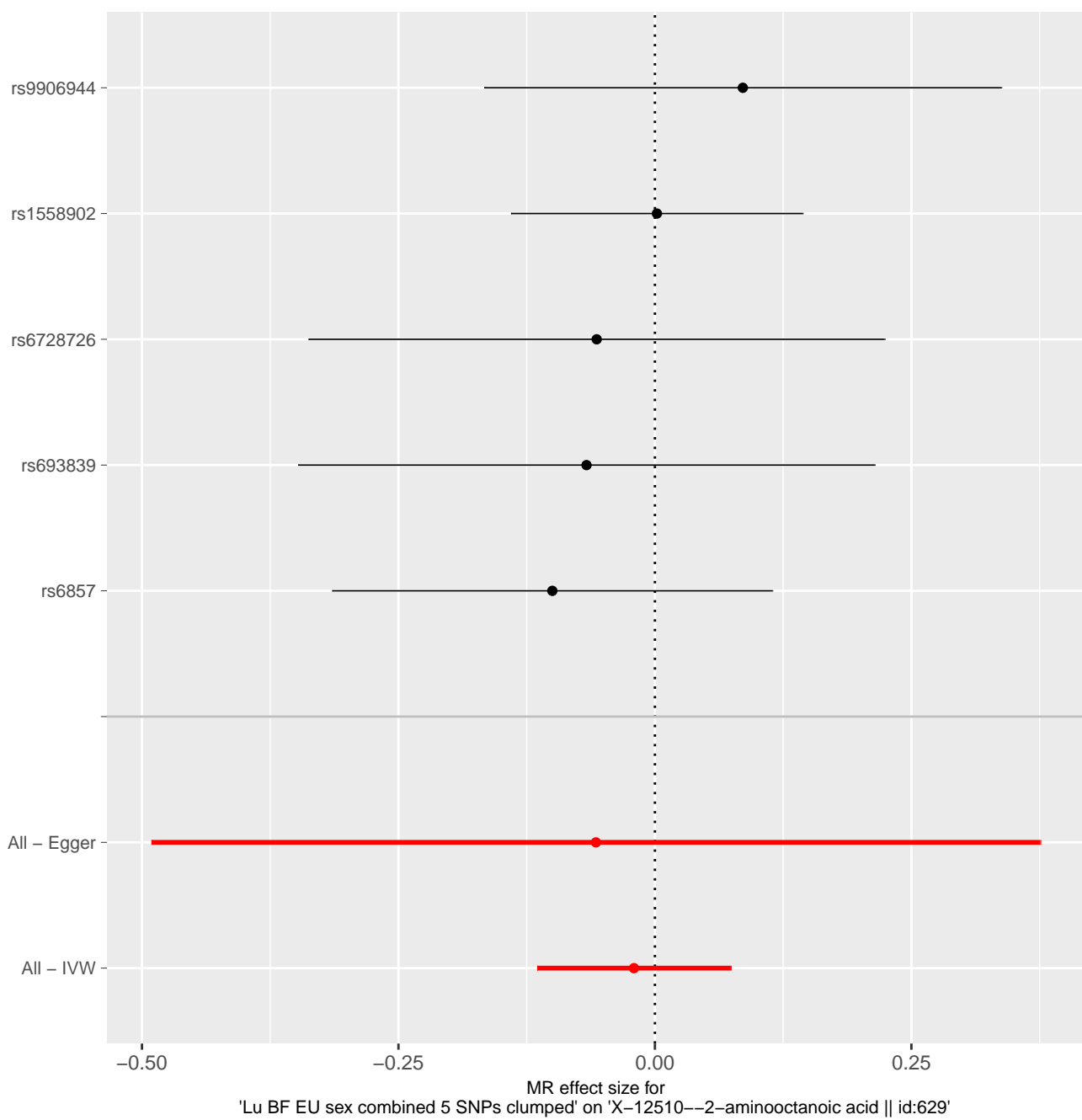












rs6857

rs693839

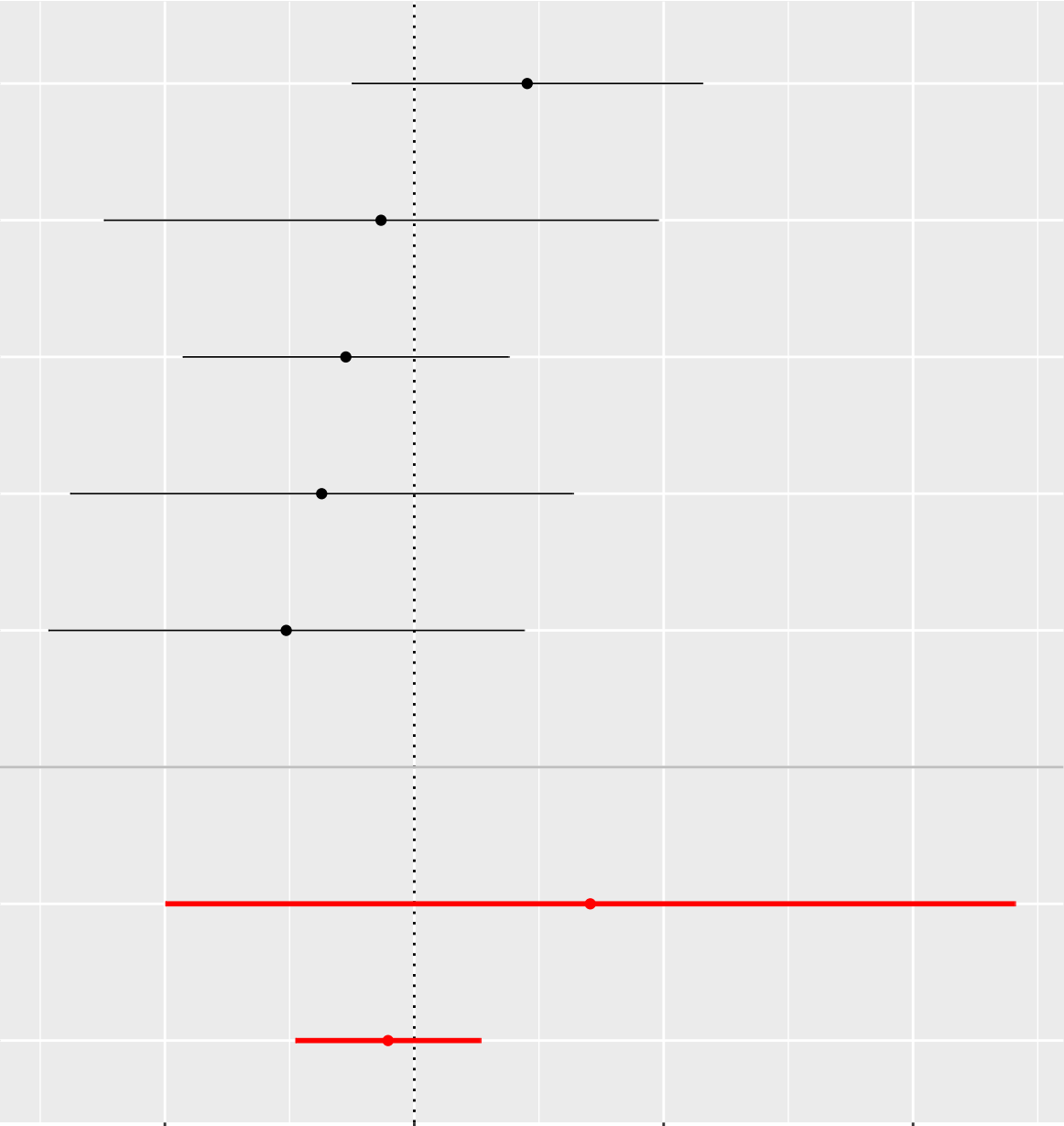
rs1558902

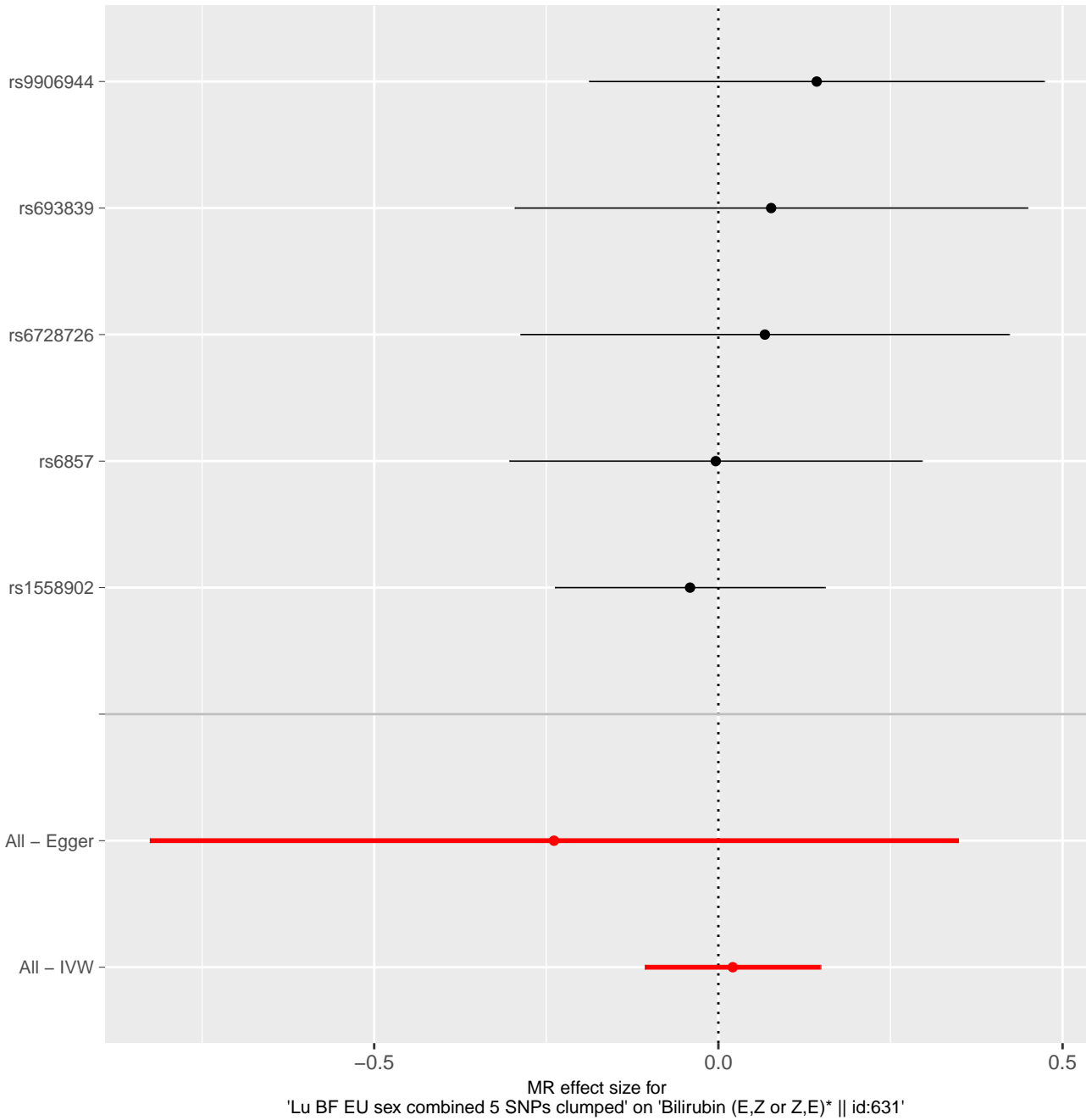
rs9906944

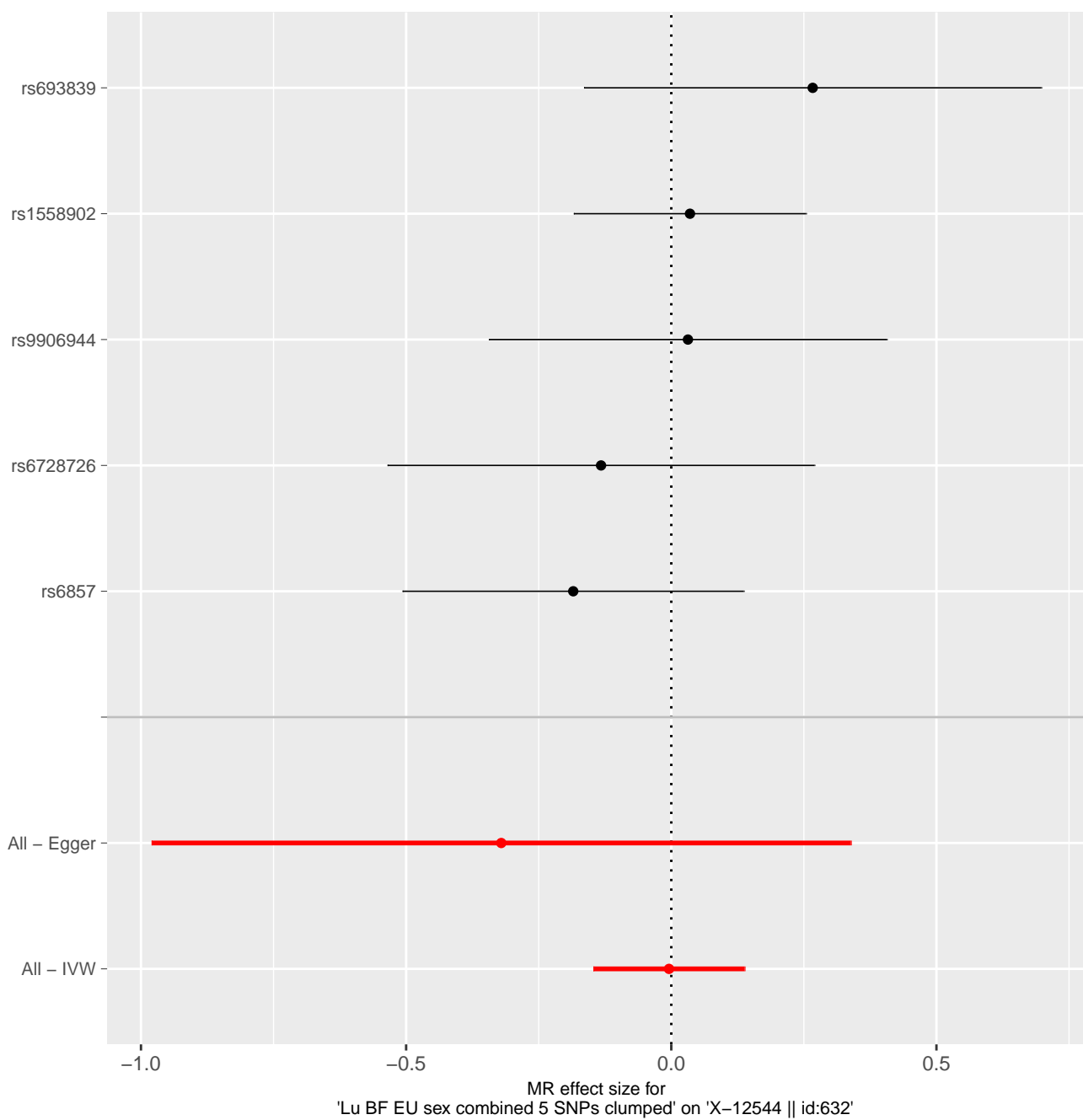
rs6728726

All – Egger

All – IVW







rs6728726

rs9906944

rs1558902

rs6857

rs693839

All – Egger

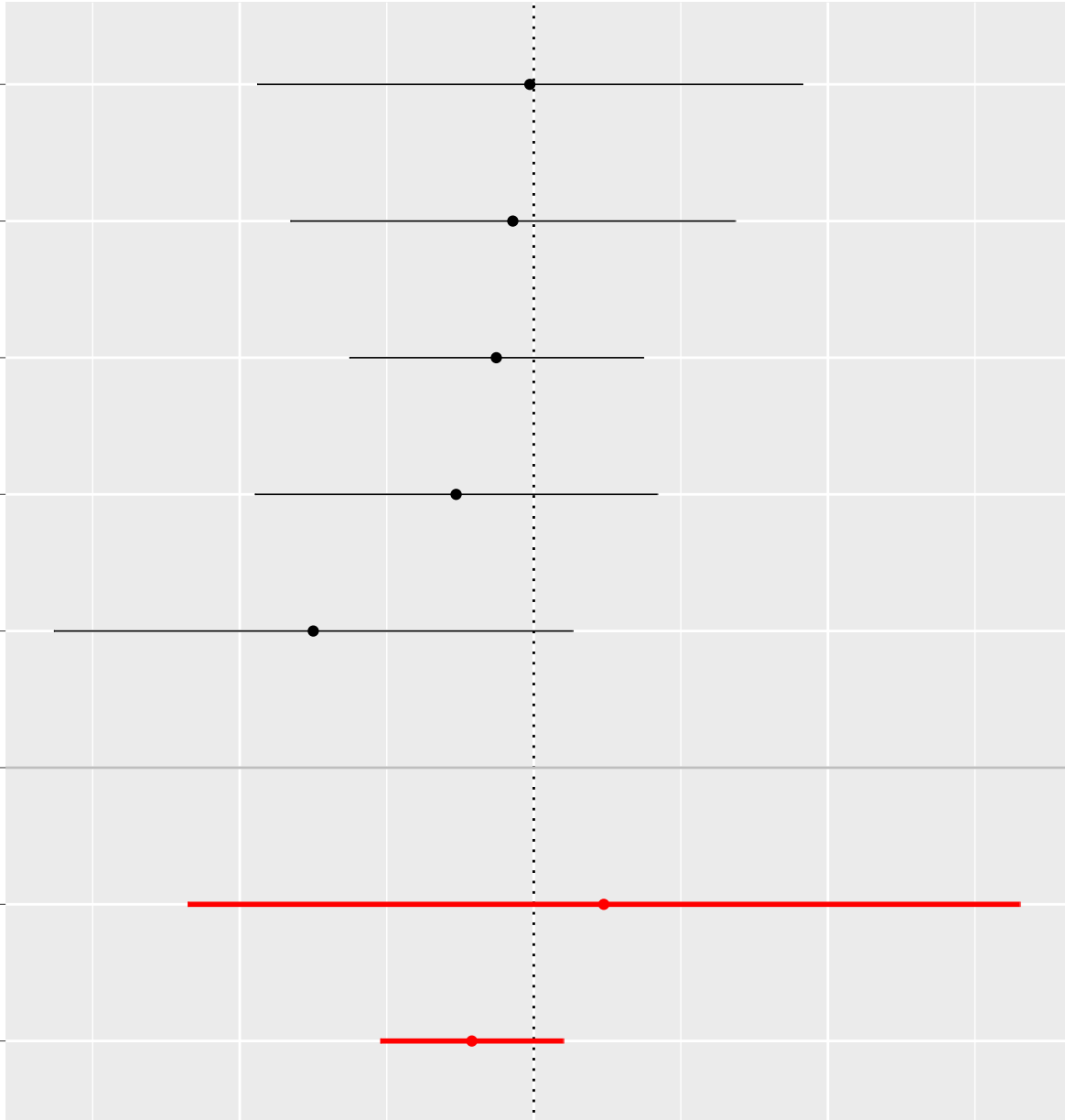
All – IVW

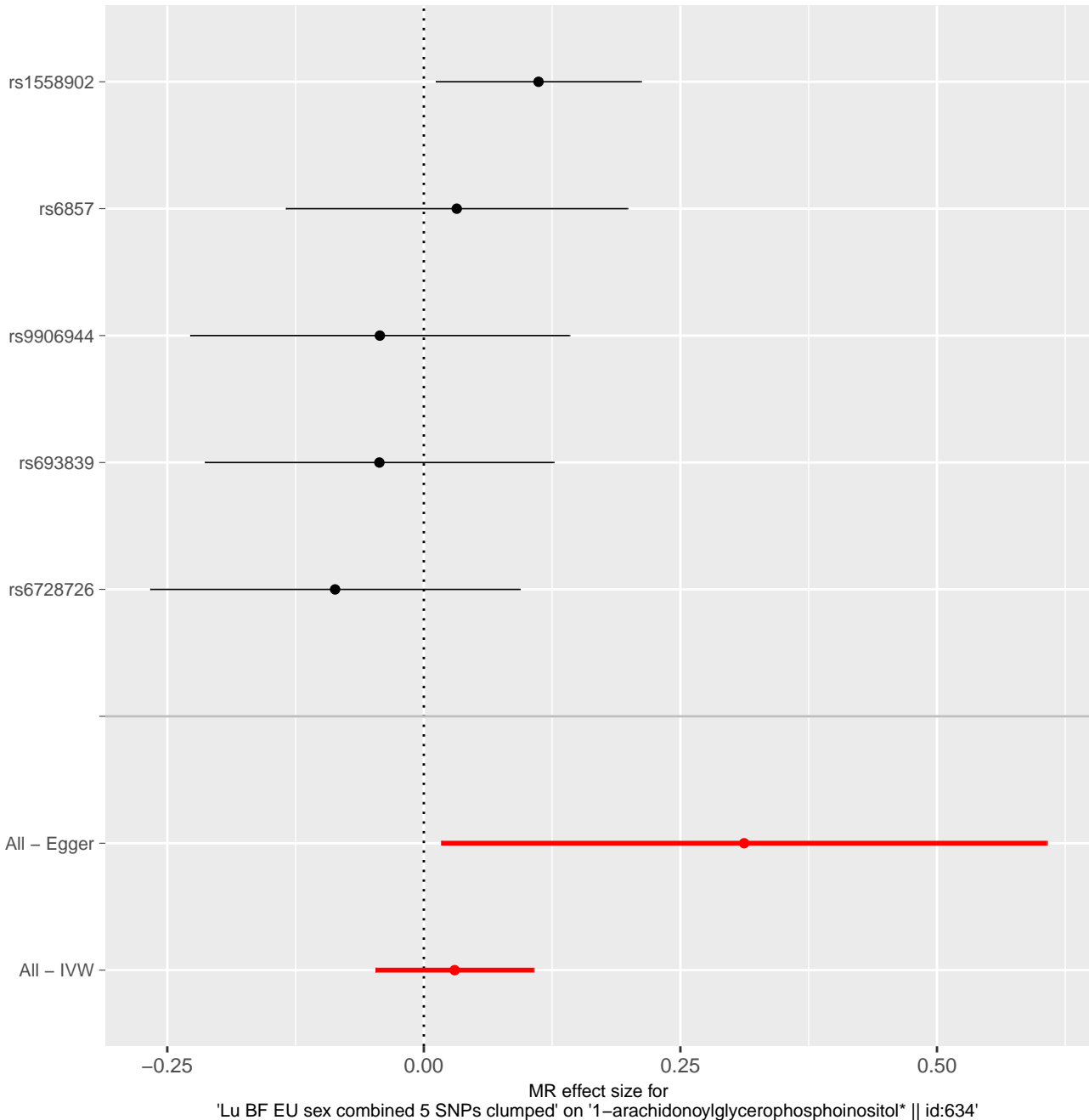
-0.2

0.0

0.2

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12556 || id:633'





rs6728726

rs1558902

rs6857

rs9906944

rs693839

All – Egger

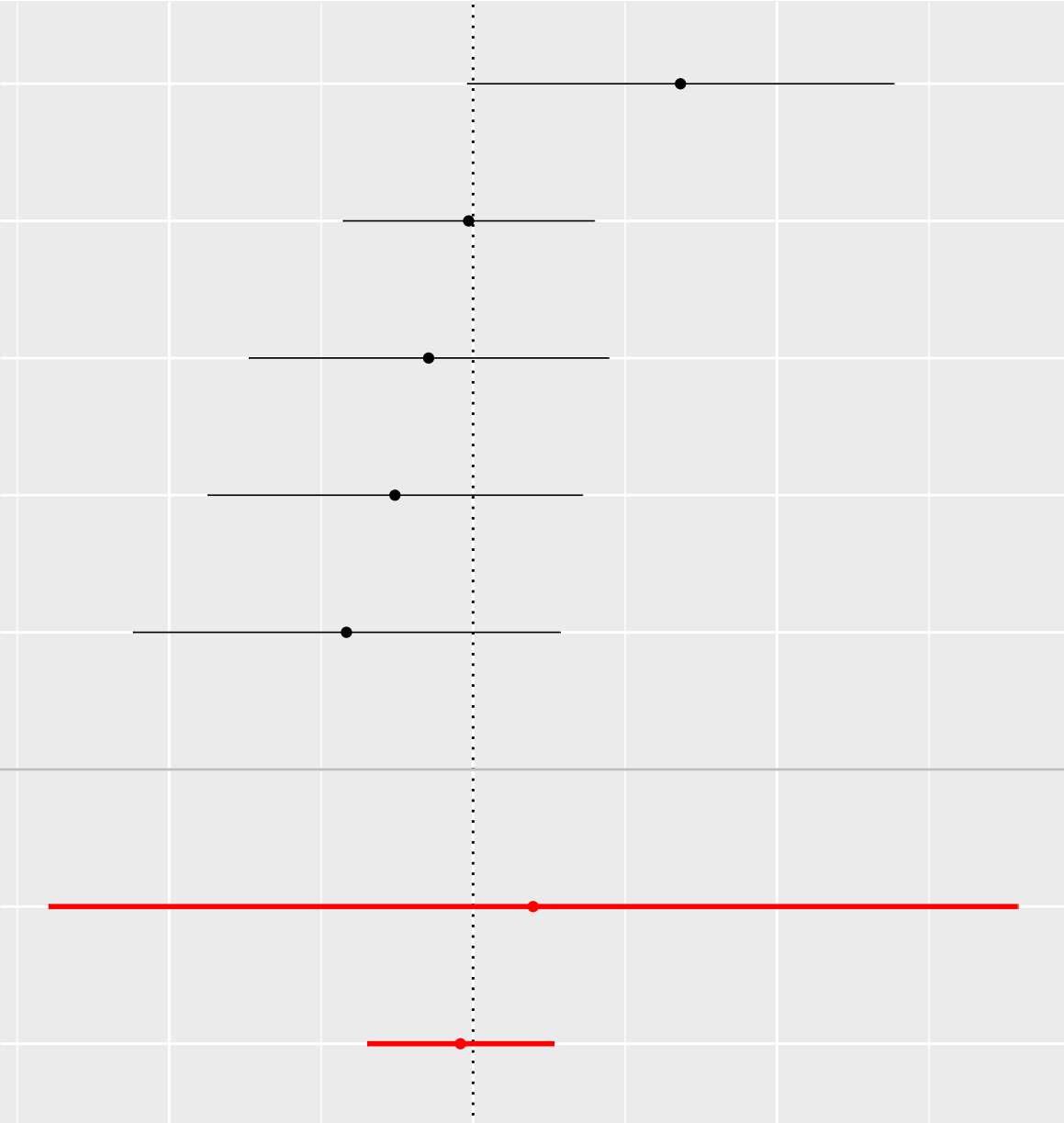
All – IVW

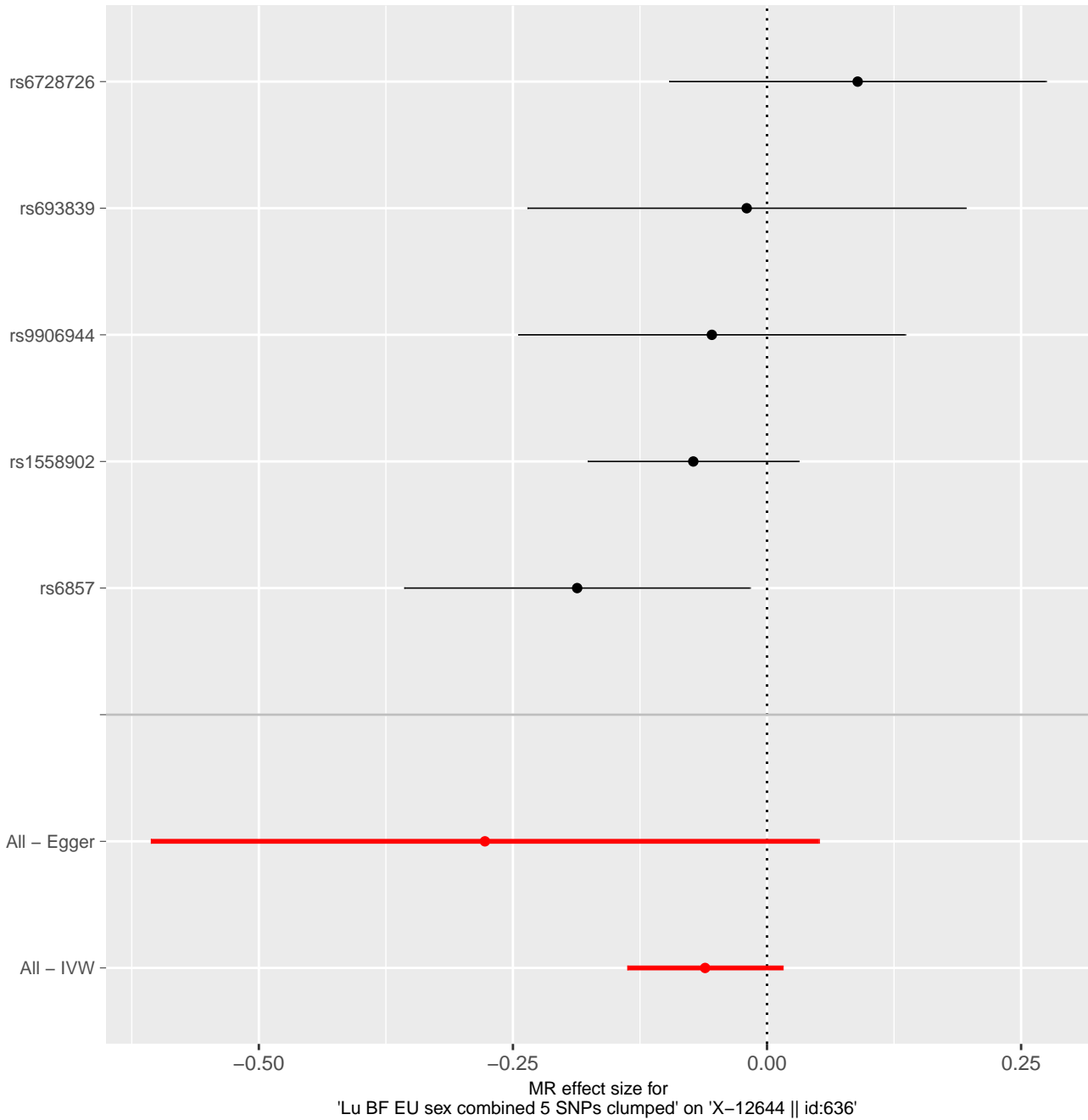
-0.4

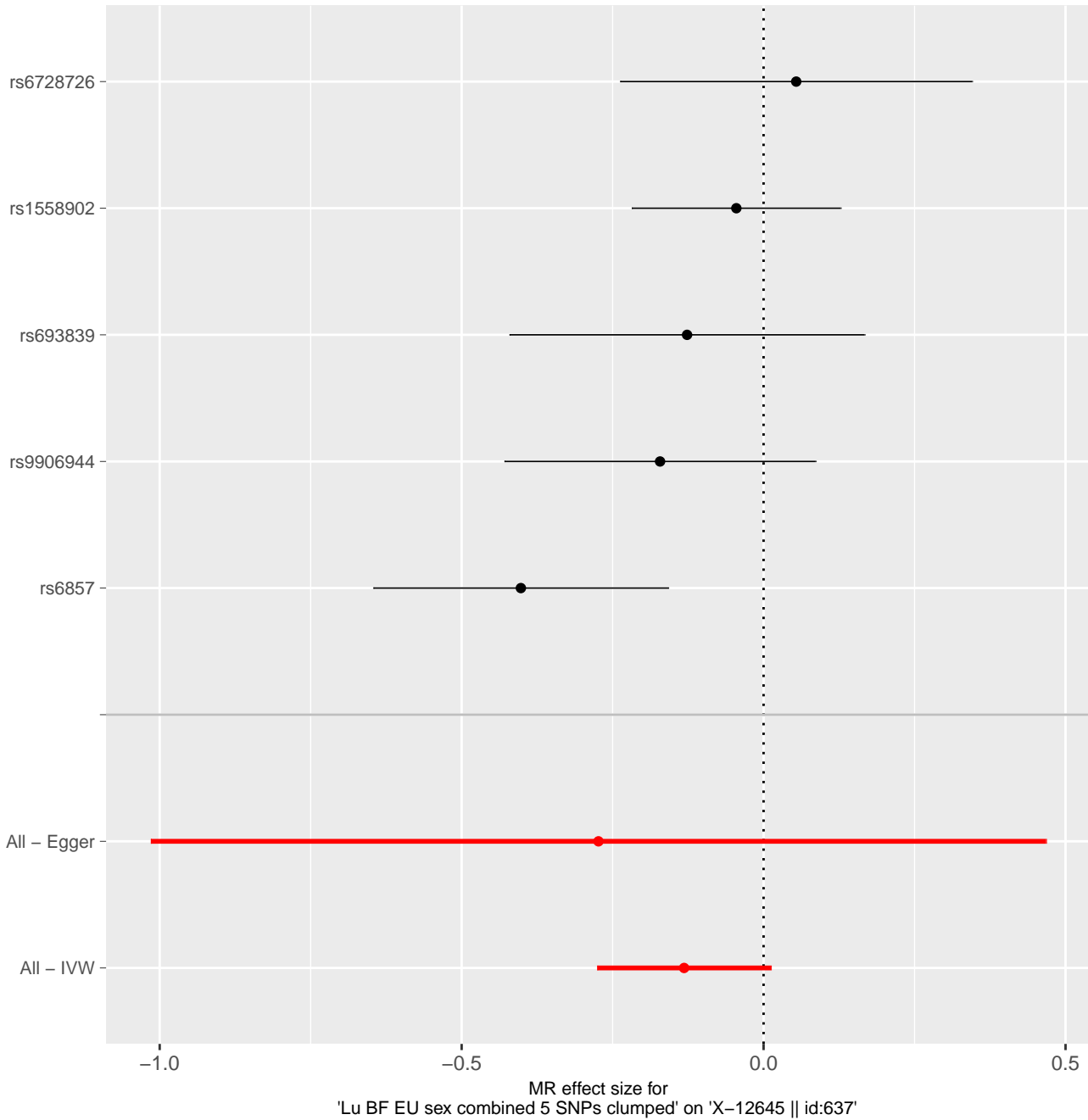
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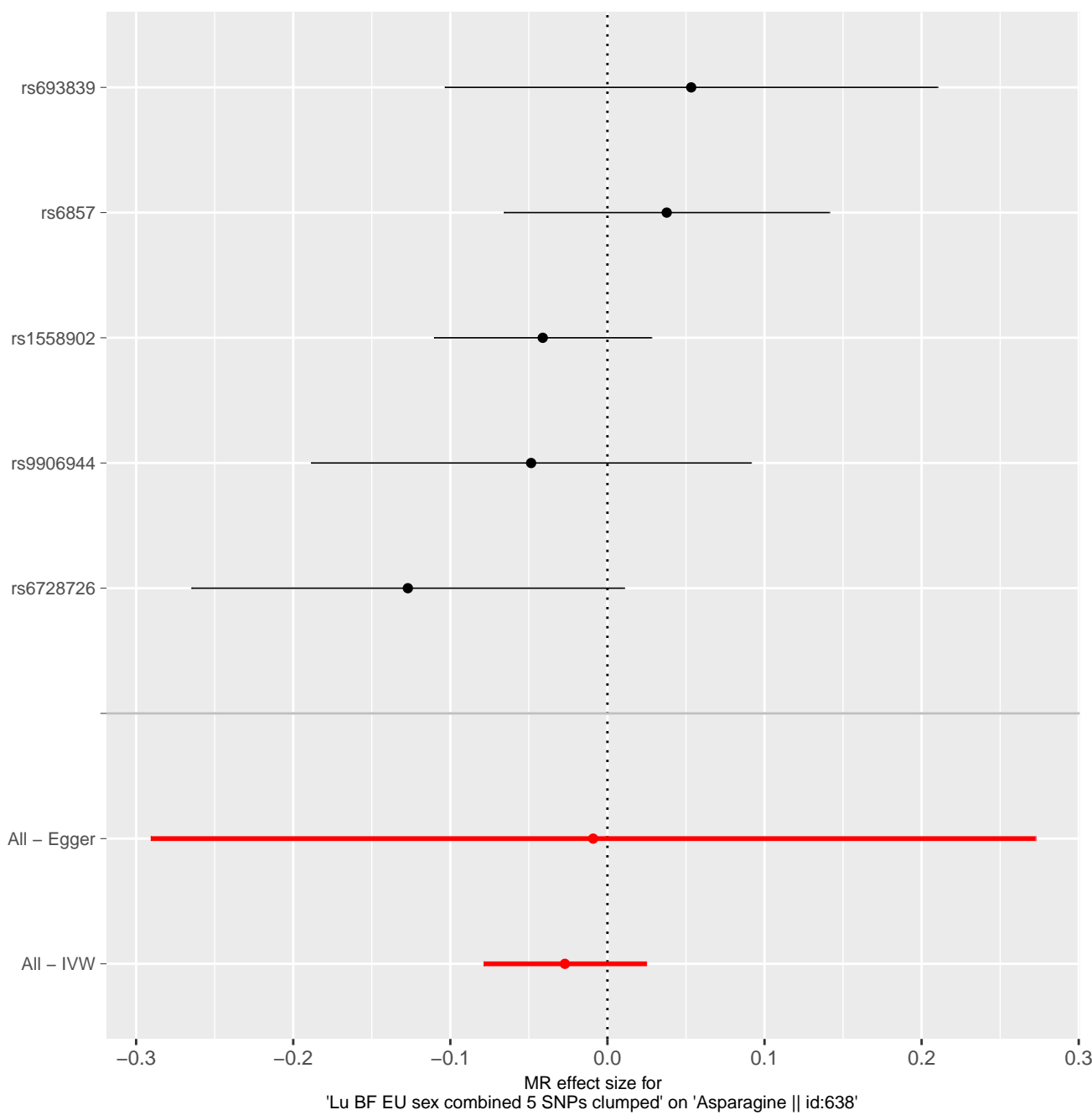
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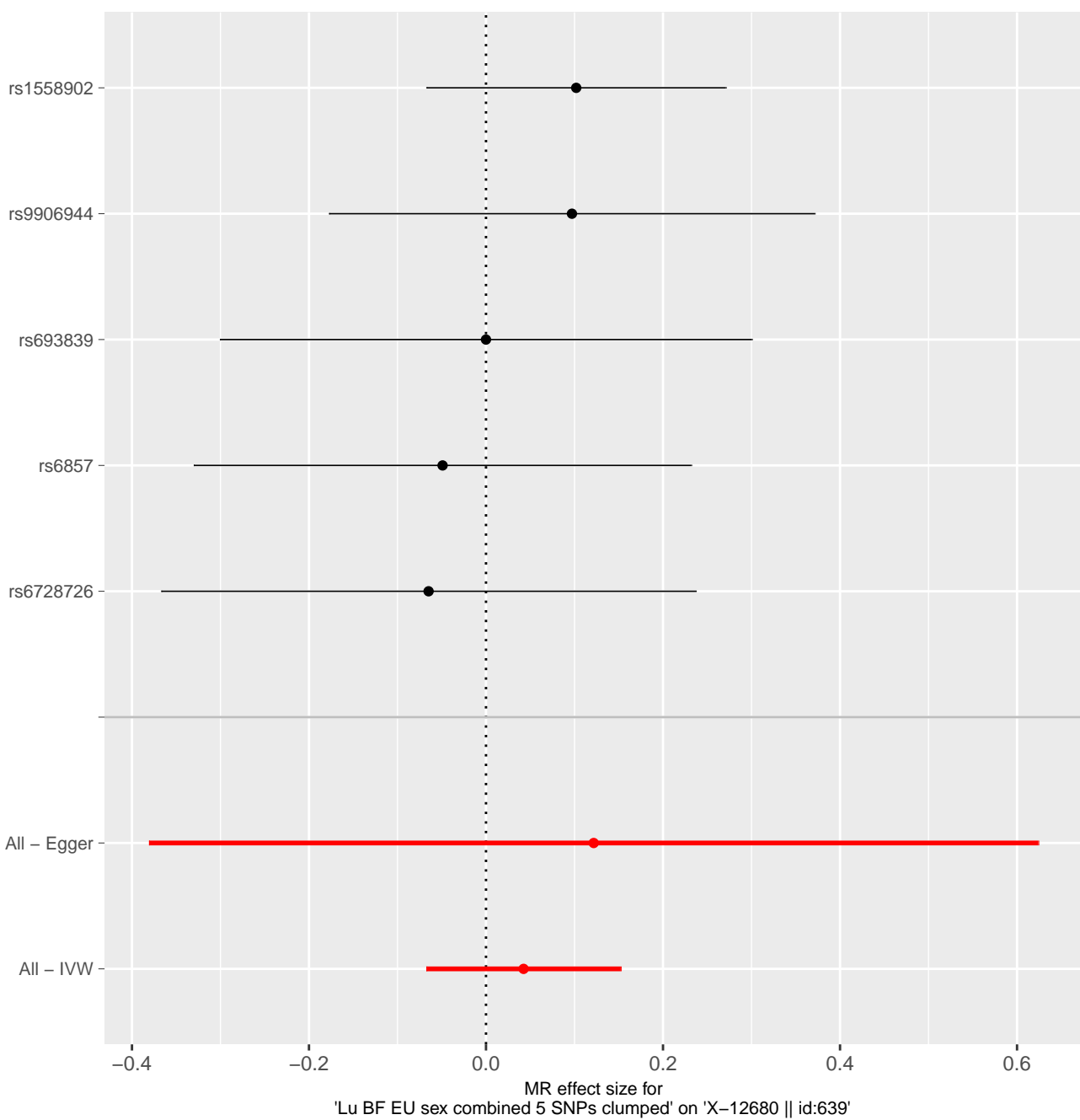
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12627 || id:635'

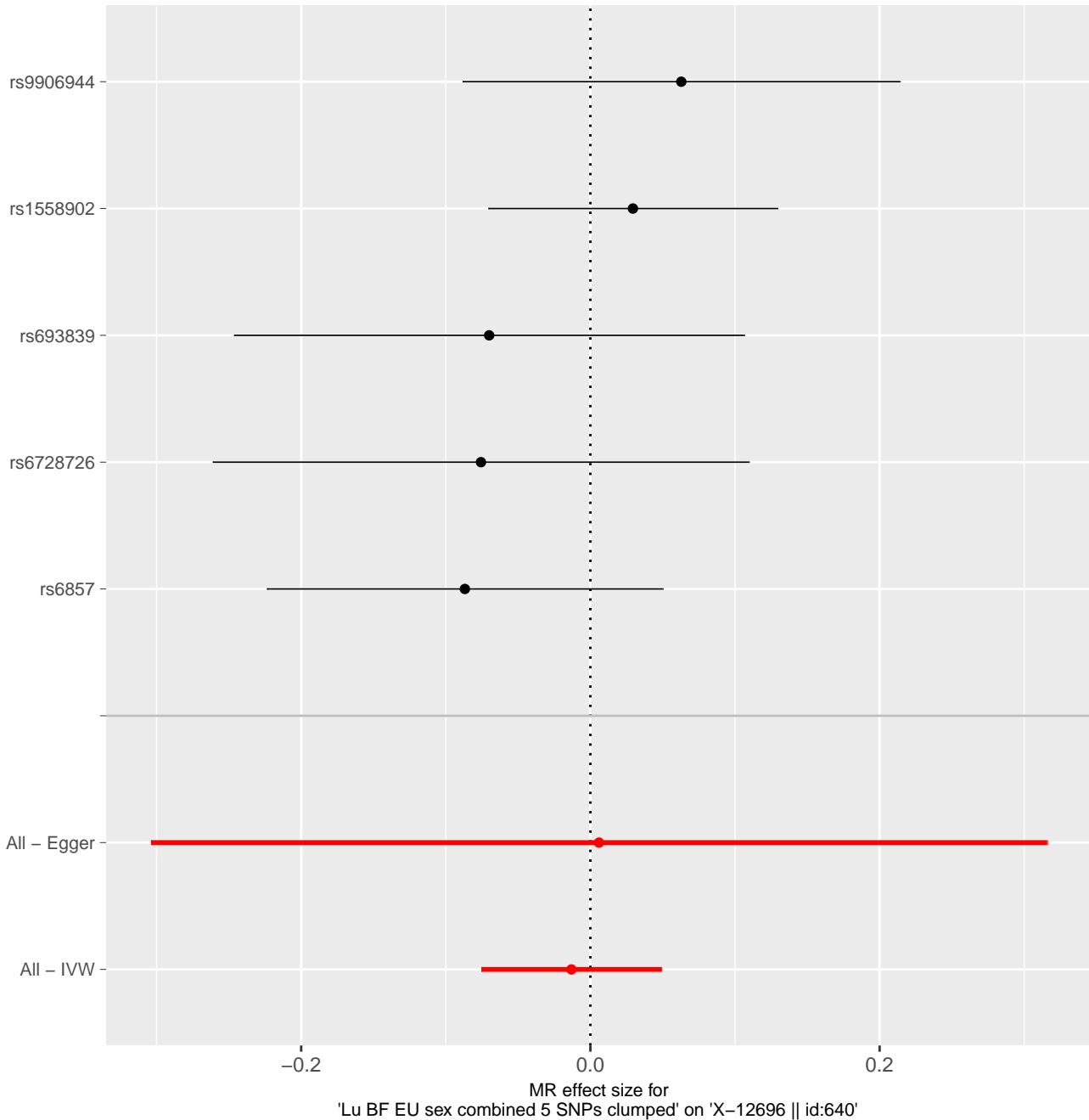


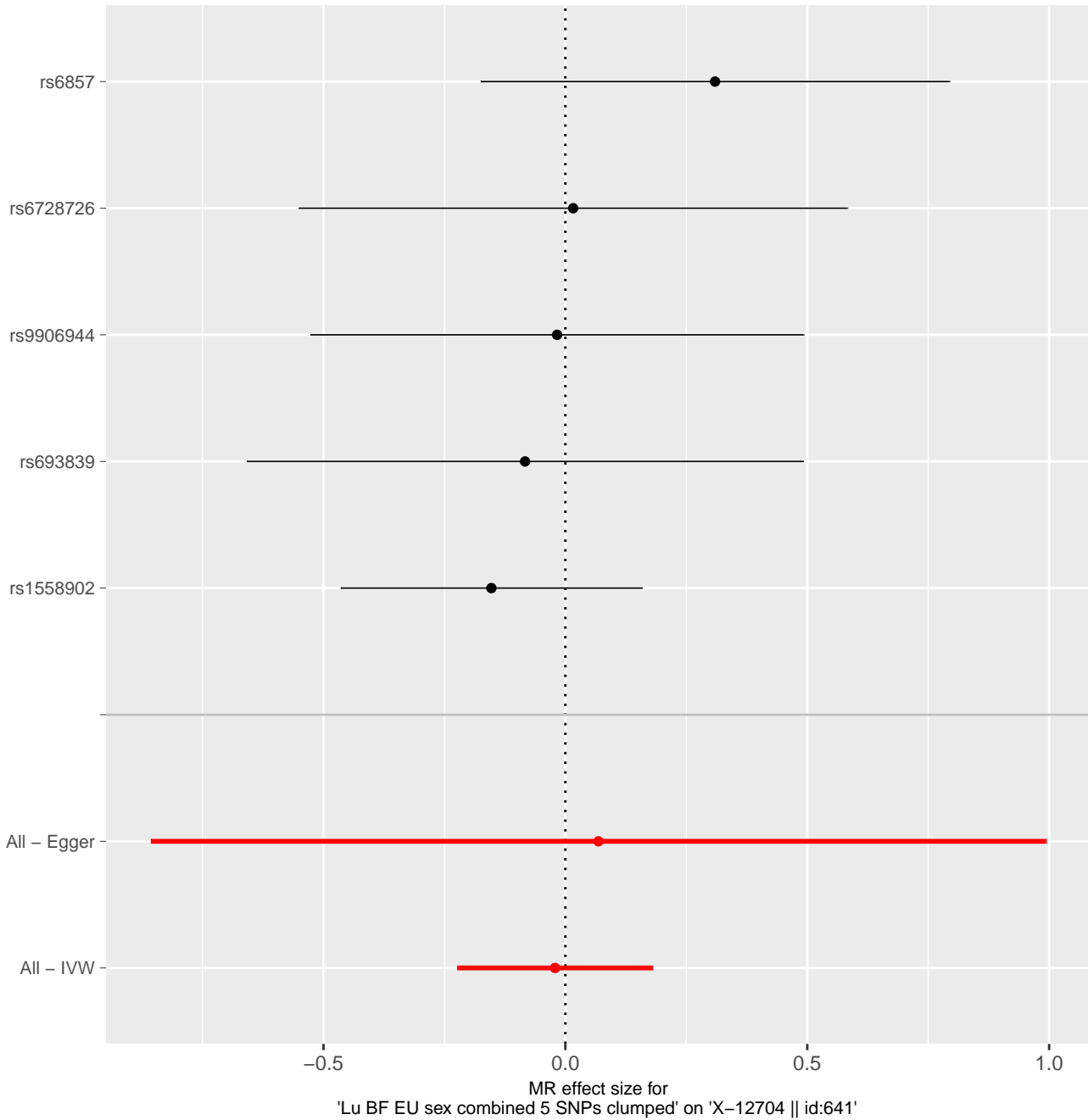












rs9906944

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rs6857

rs6728726

All – Egger

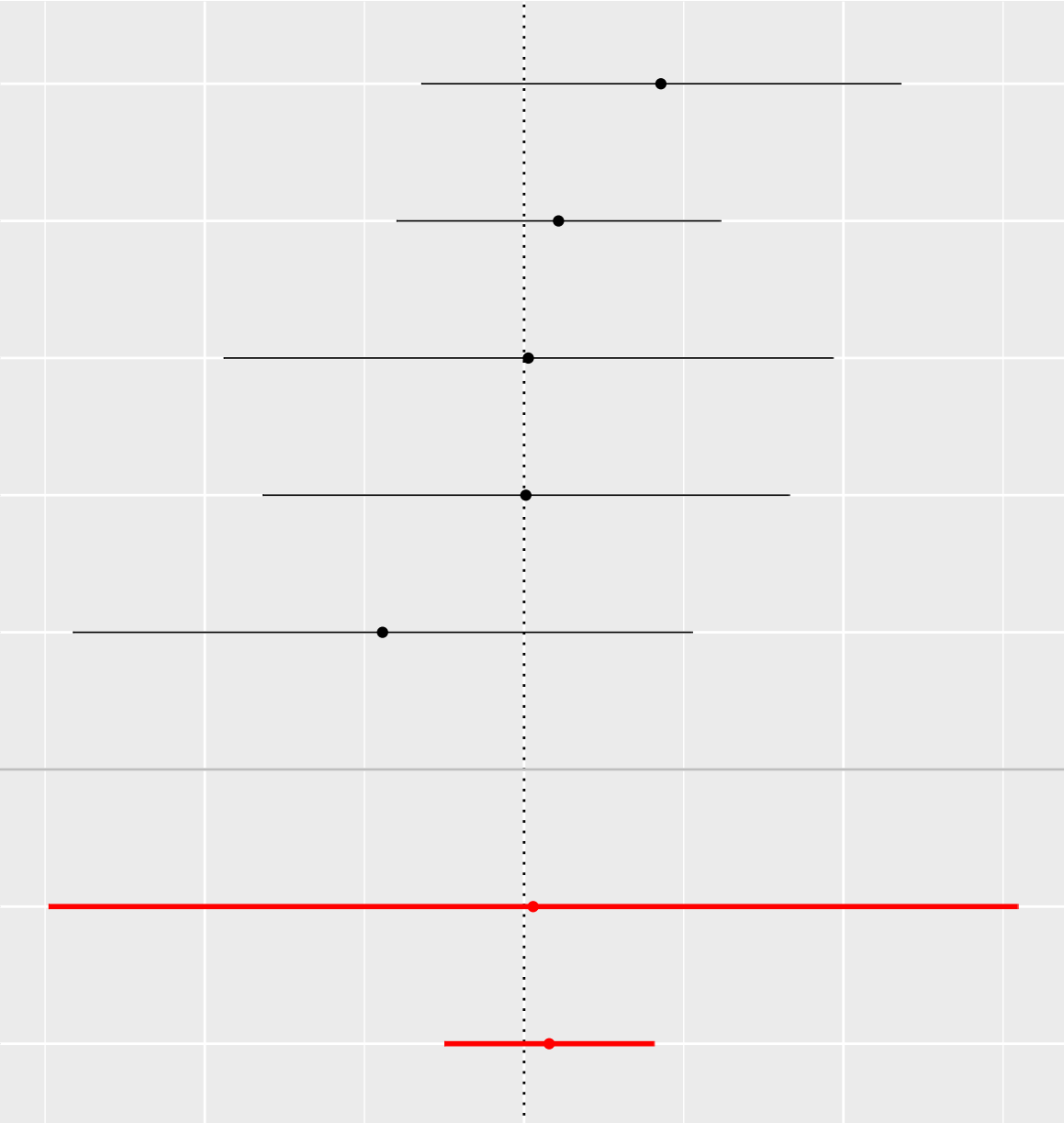
All – IVW

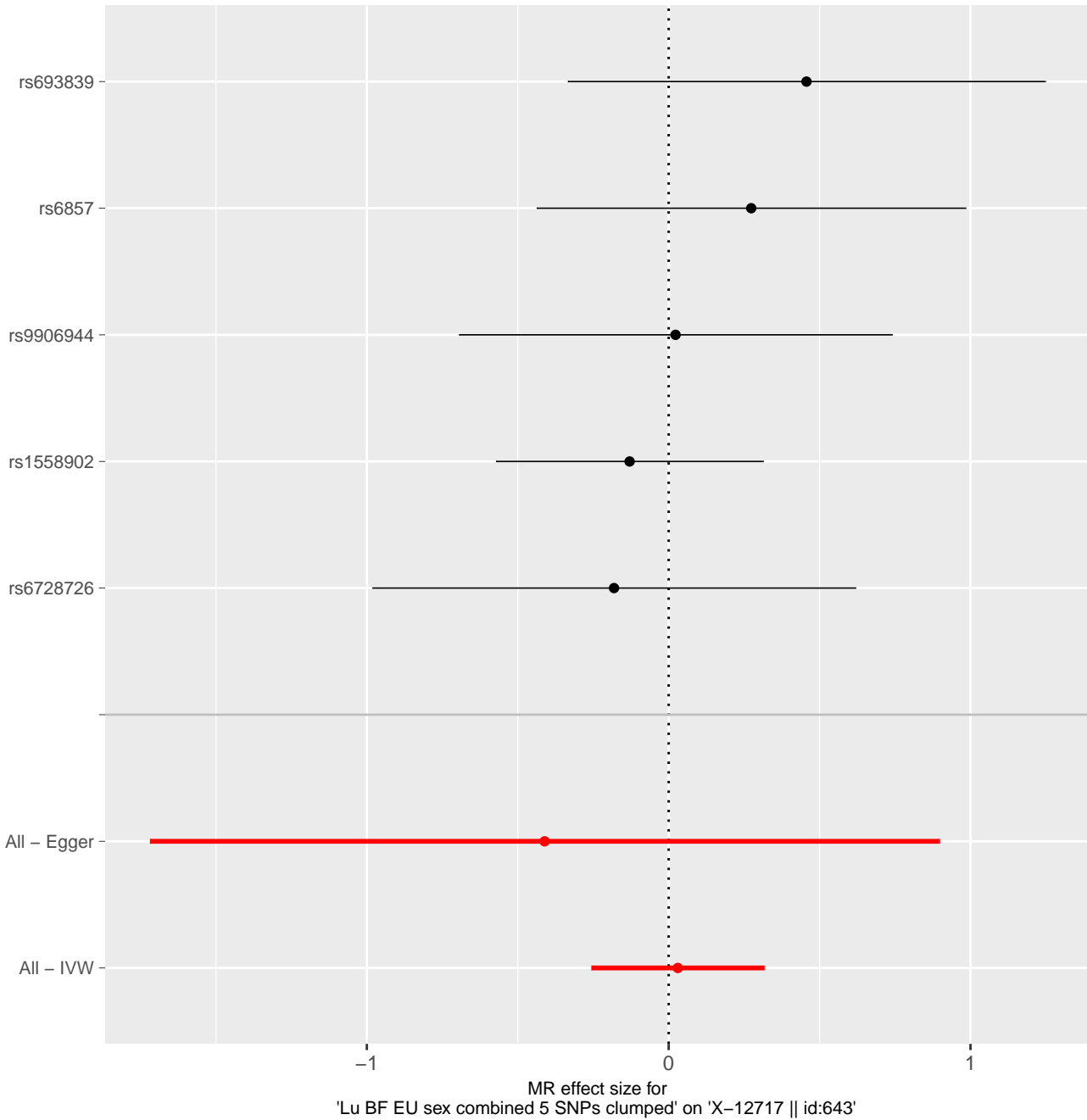
-1

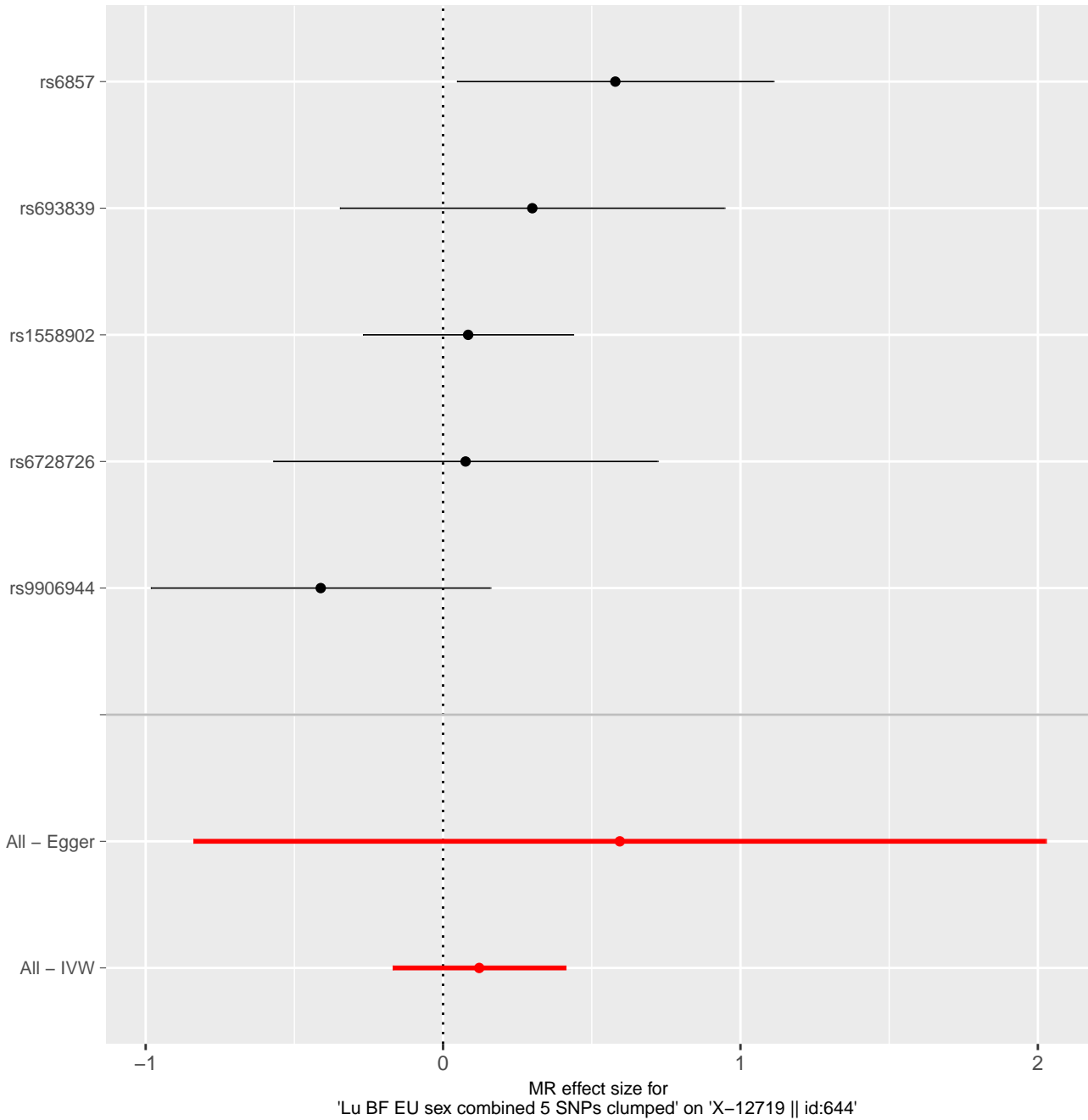
0

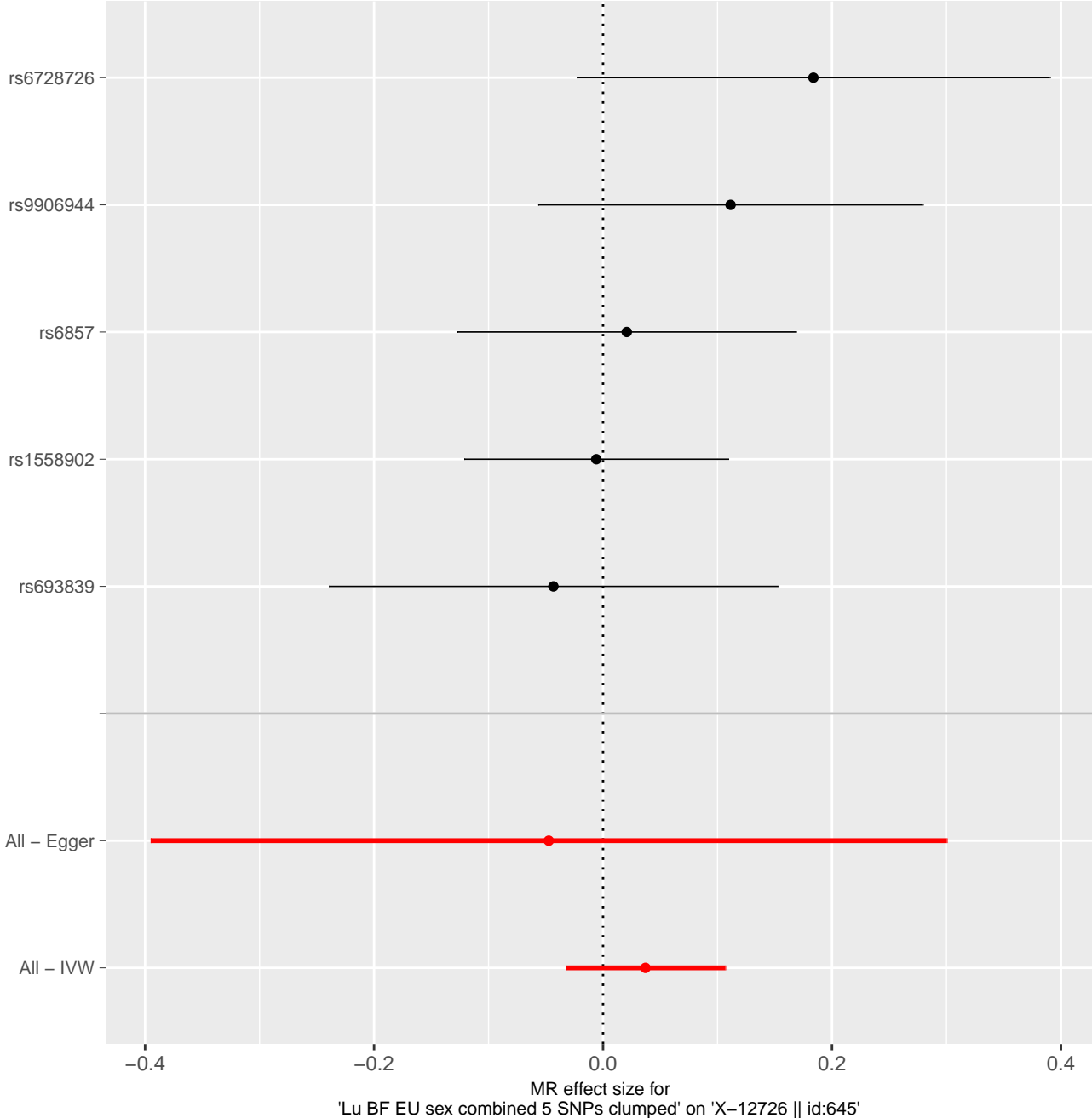
1

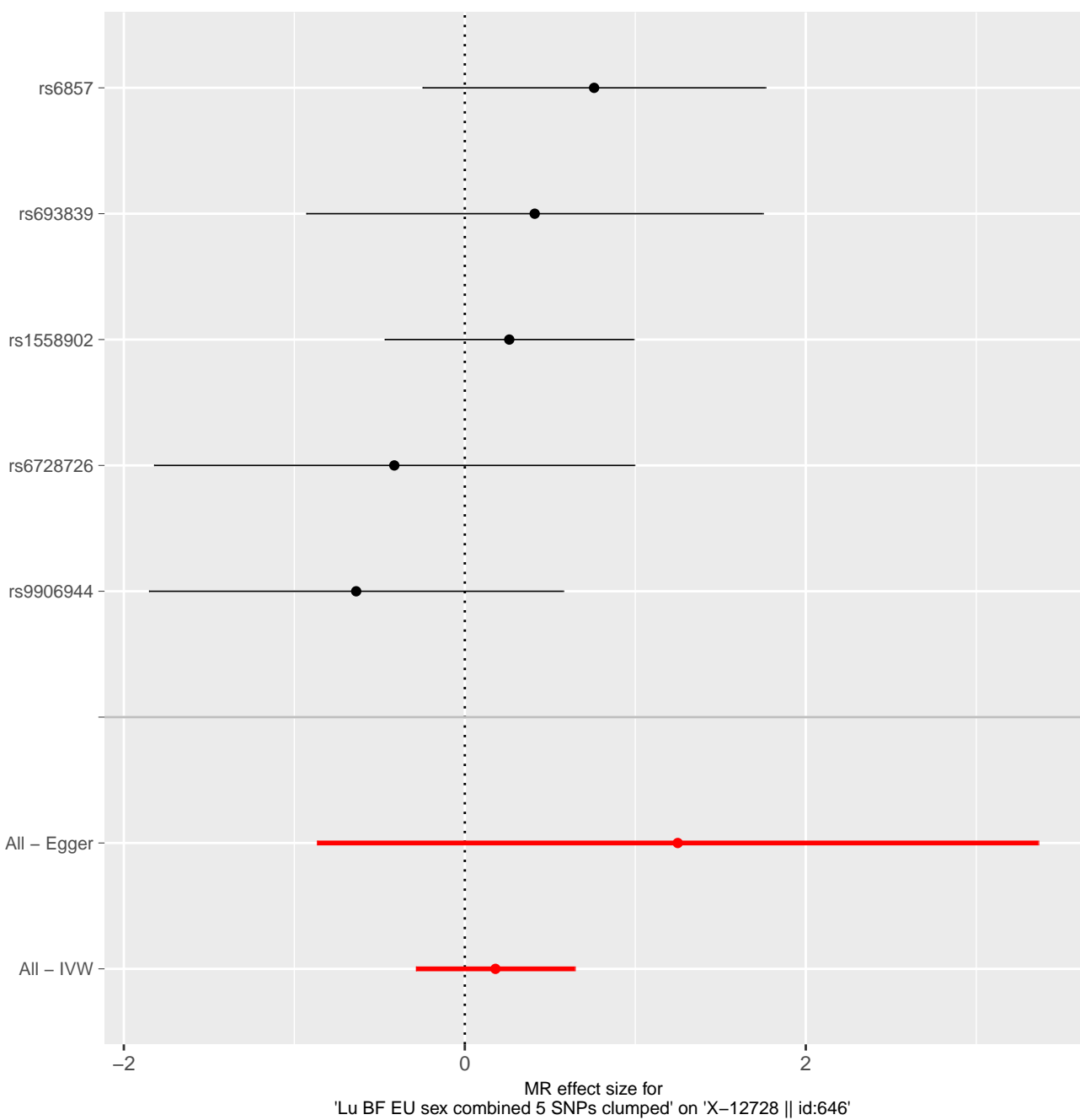
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12712 || id:642'

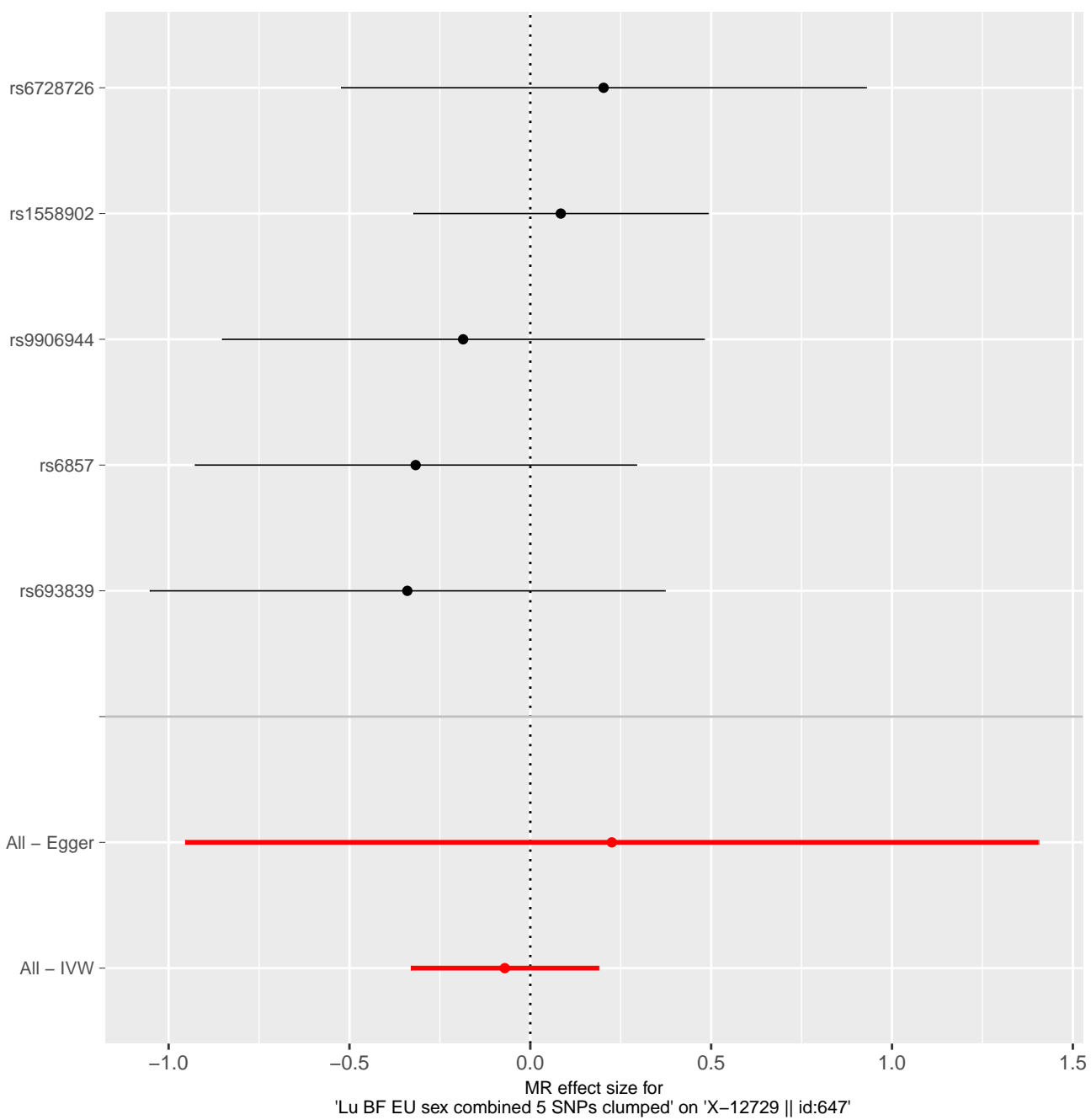


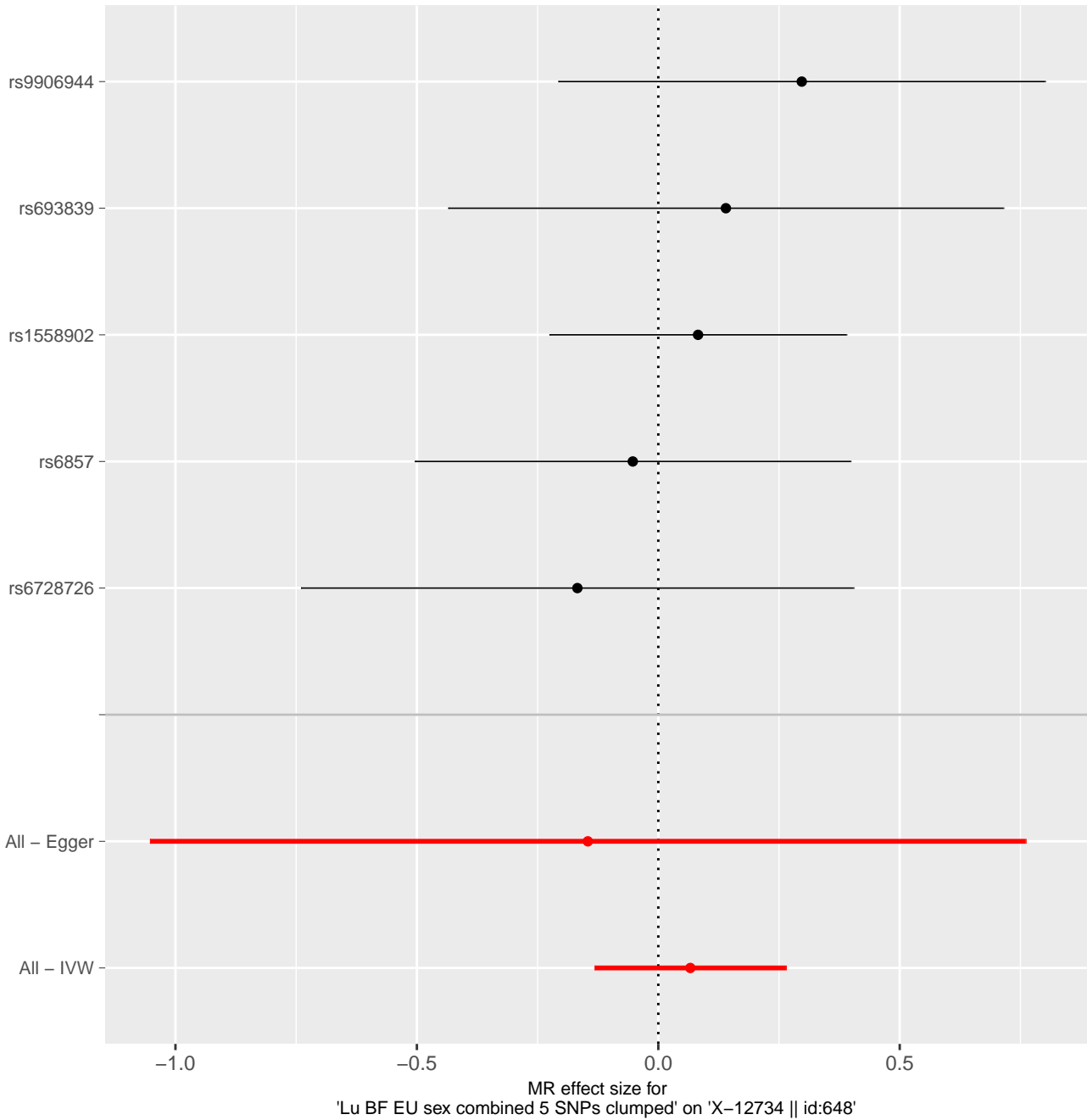












rs1558902

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rs6857

rs9906944

All – Egger

All – IVW

-1

0

1

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12740 || id:649'

rs6728726

rs6857

rs1558902

rs693839

rs9906944

All – Egger

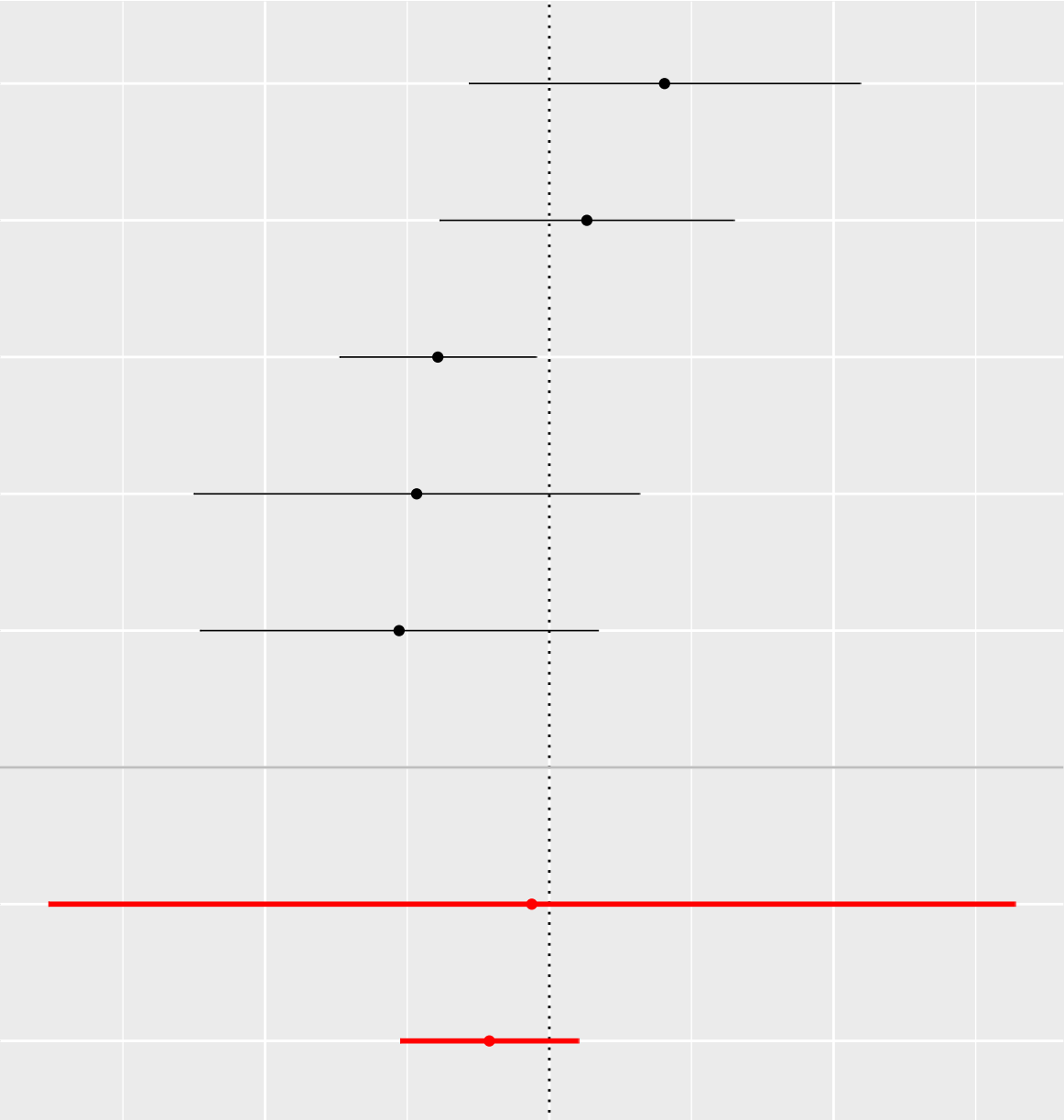
All – IVW

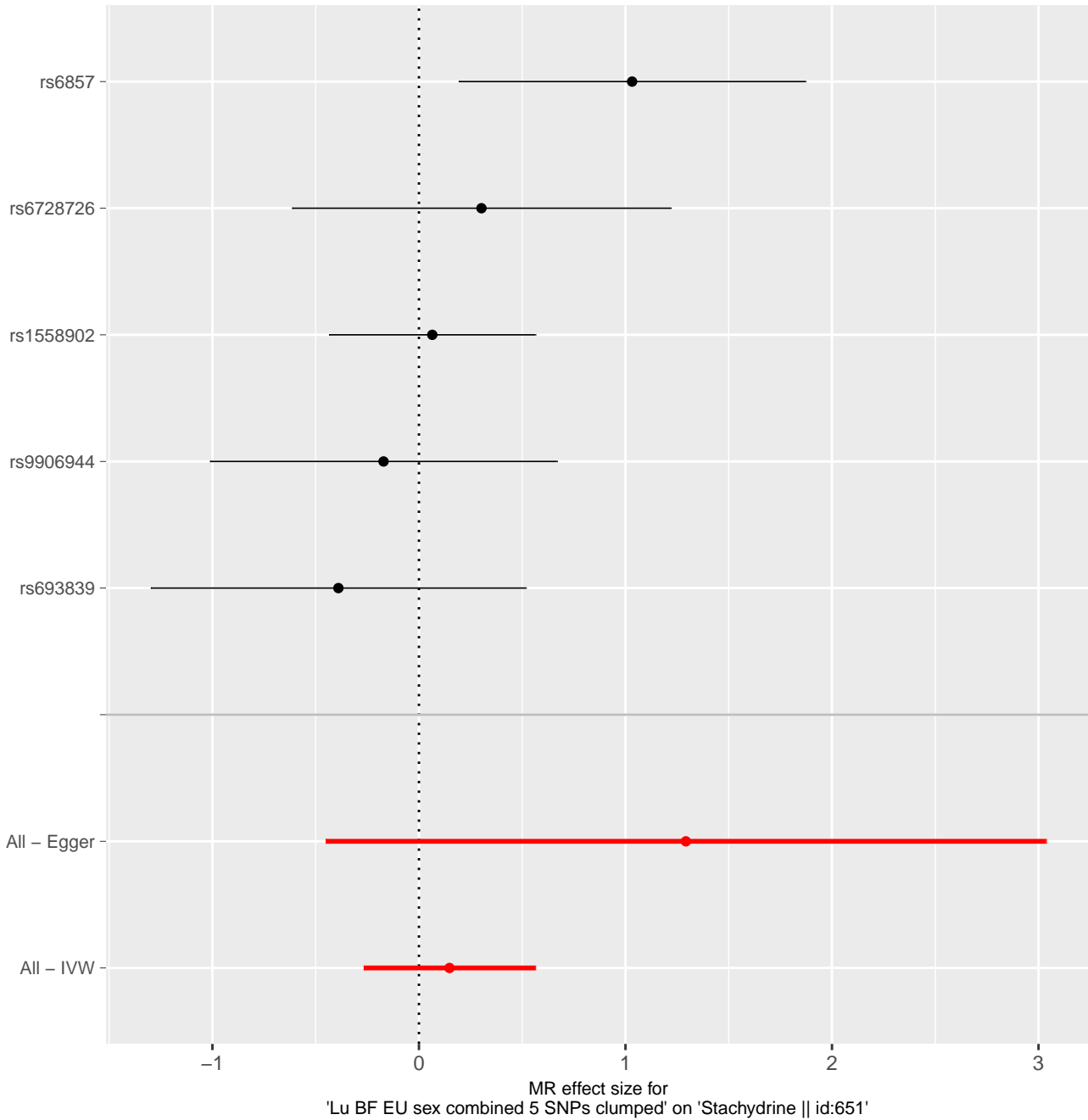
-0.2

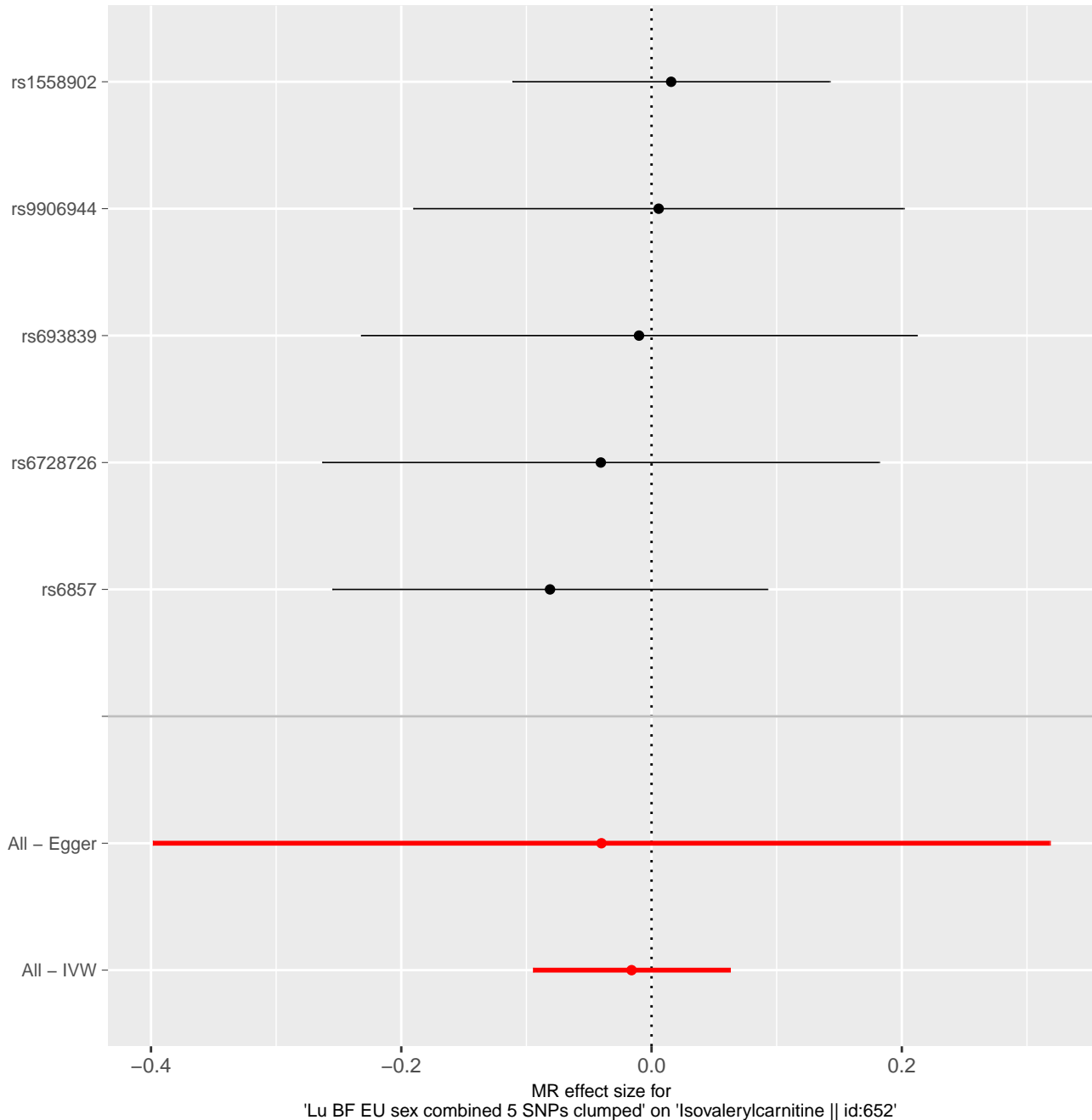
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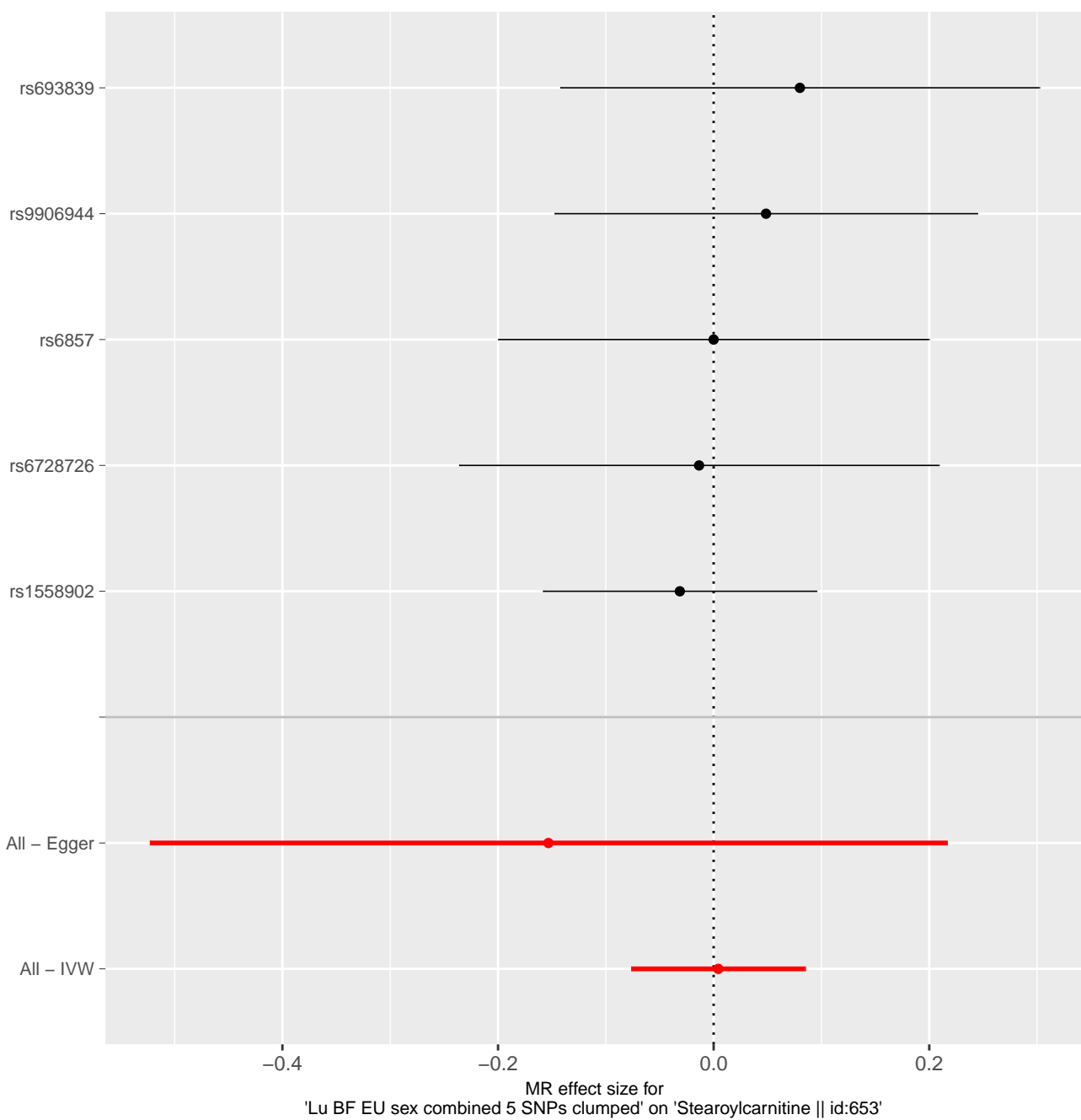
0.2

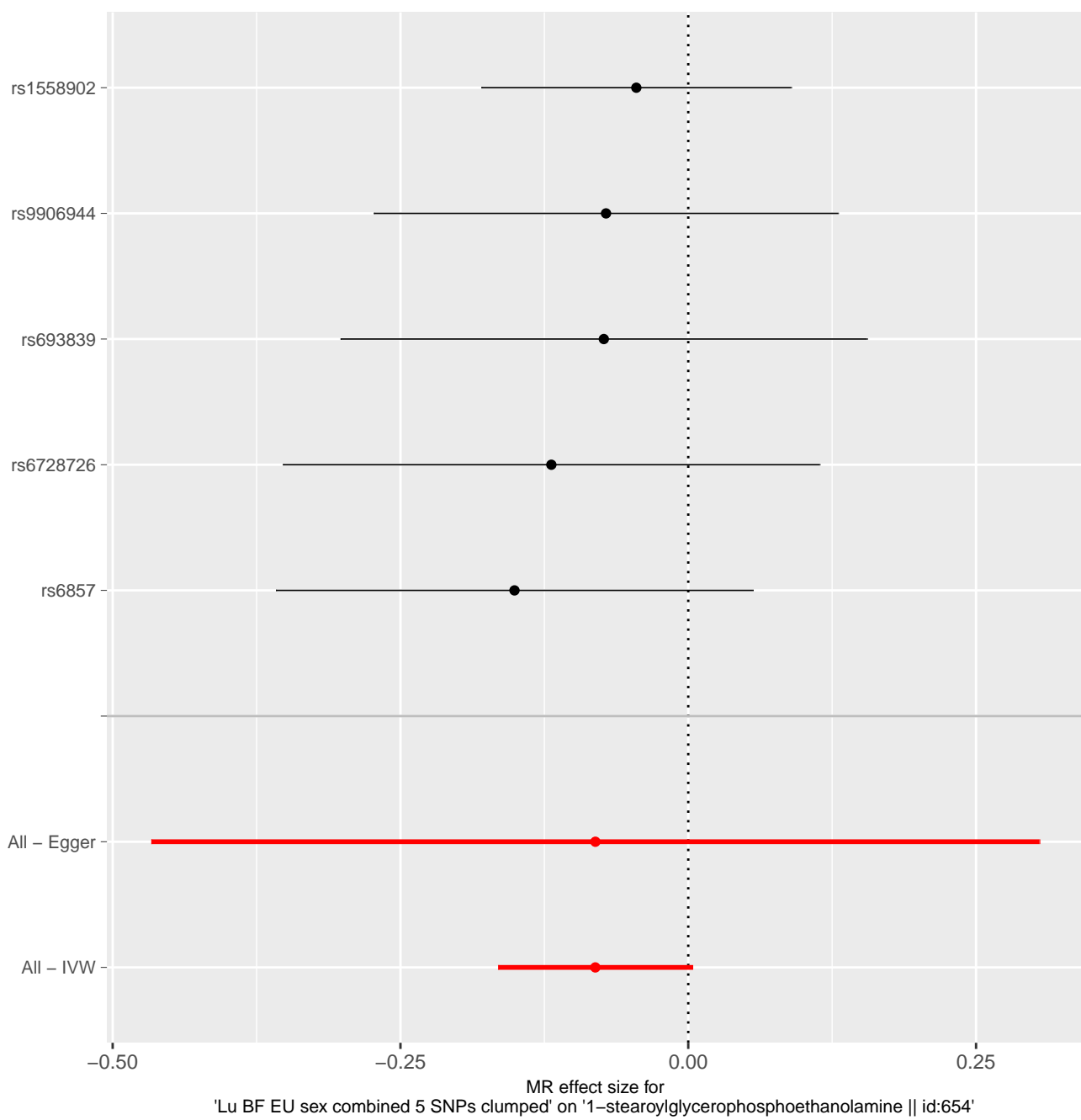
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12749 || id:650'

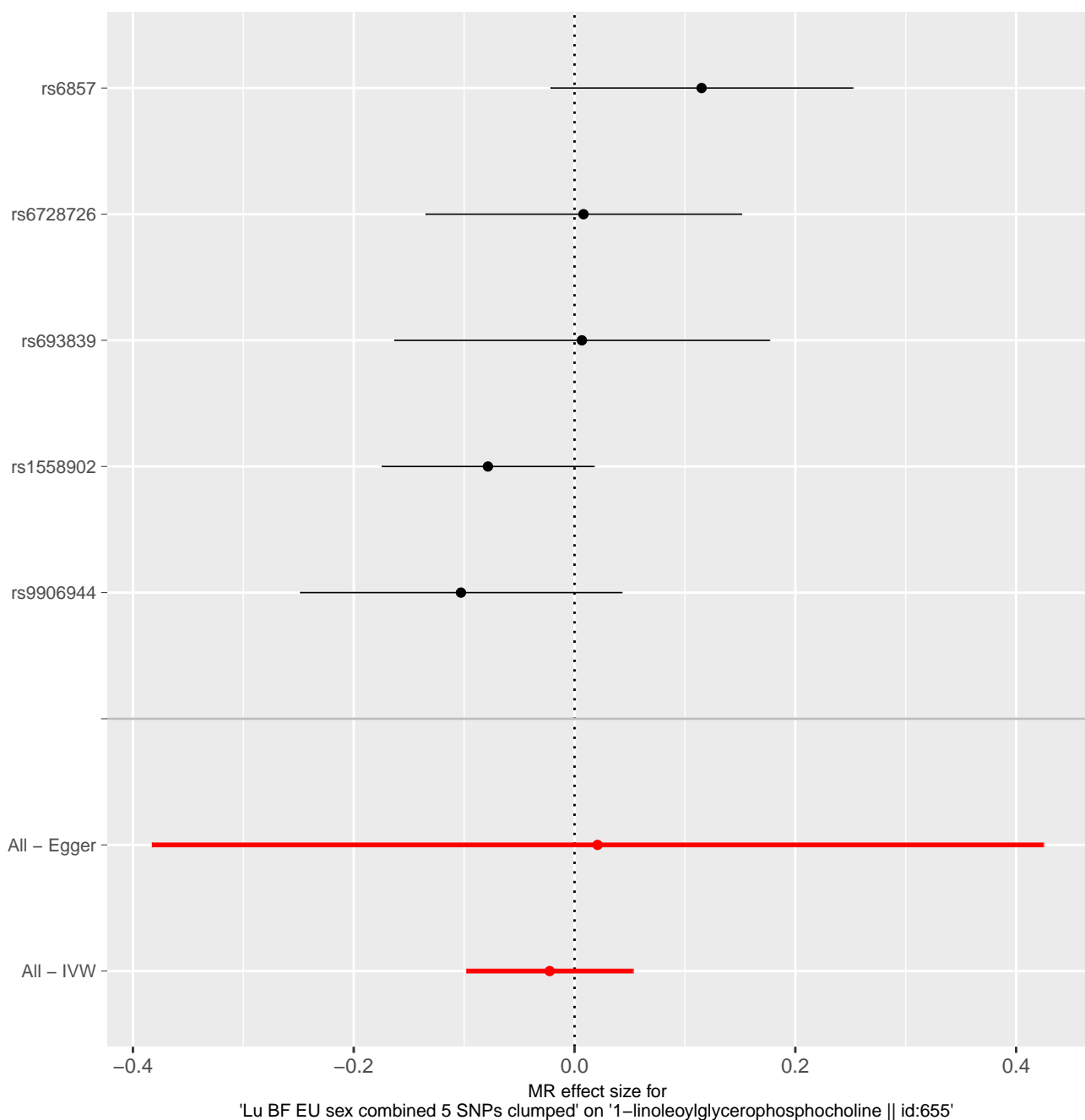


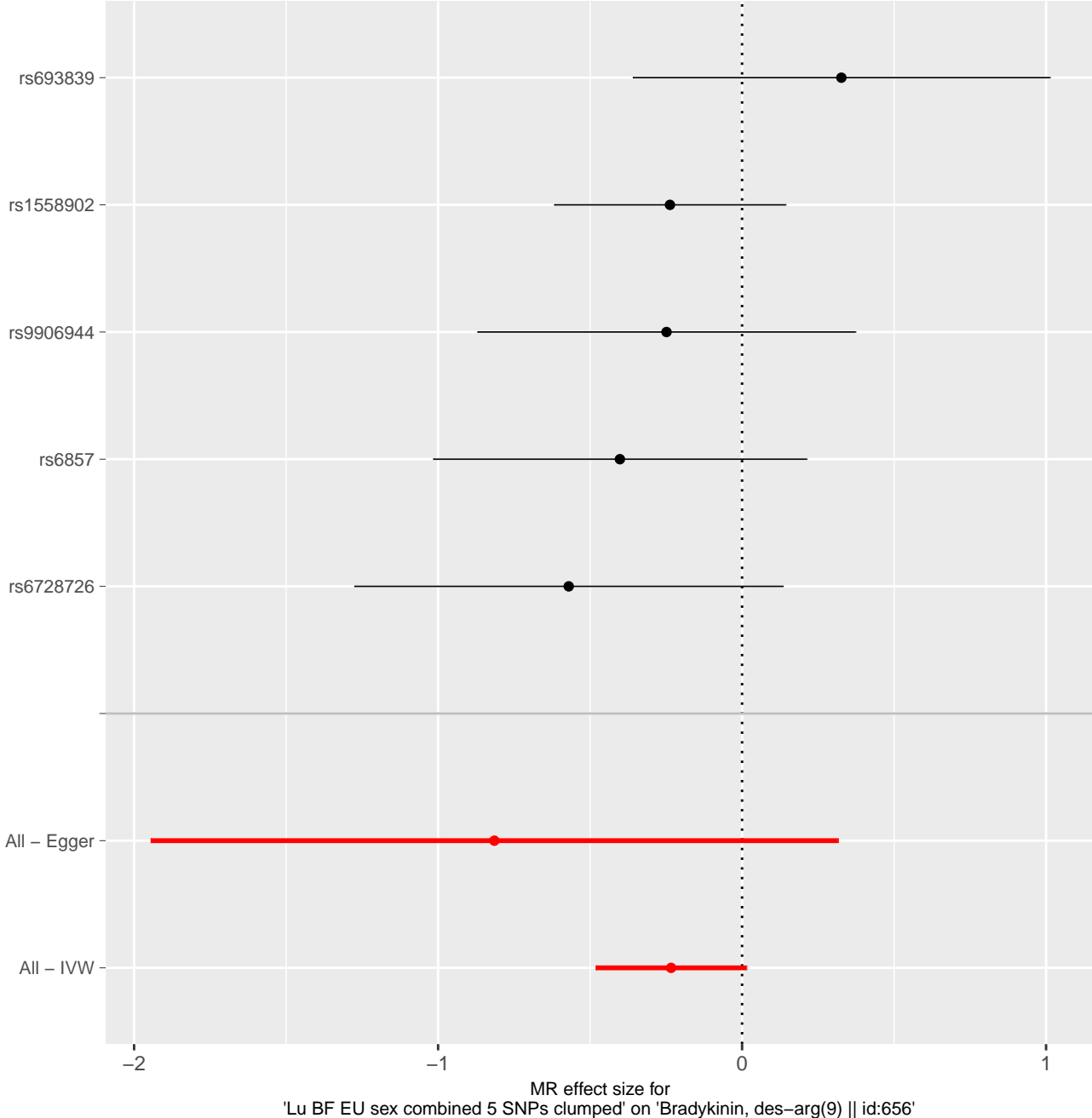


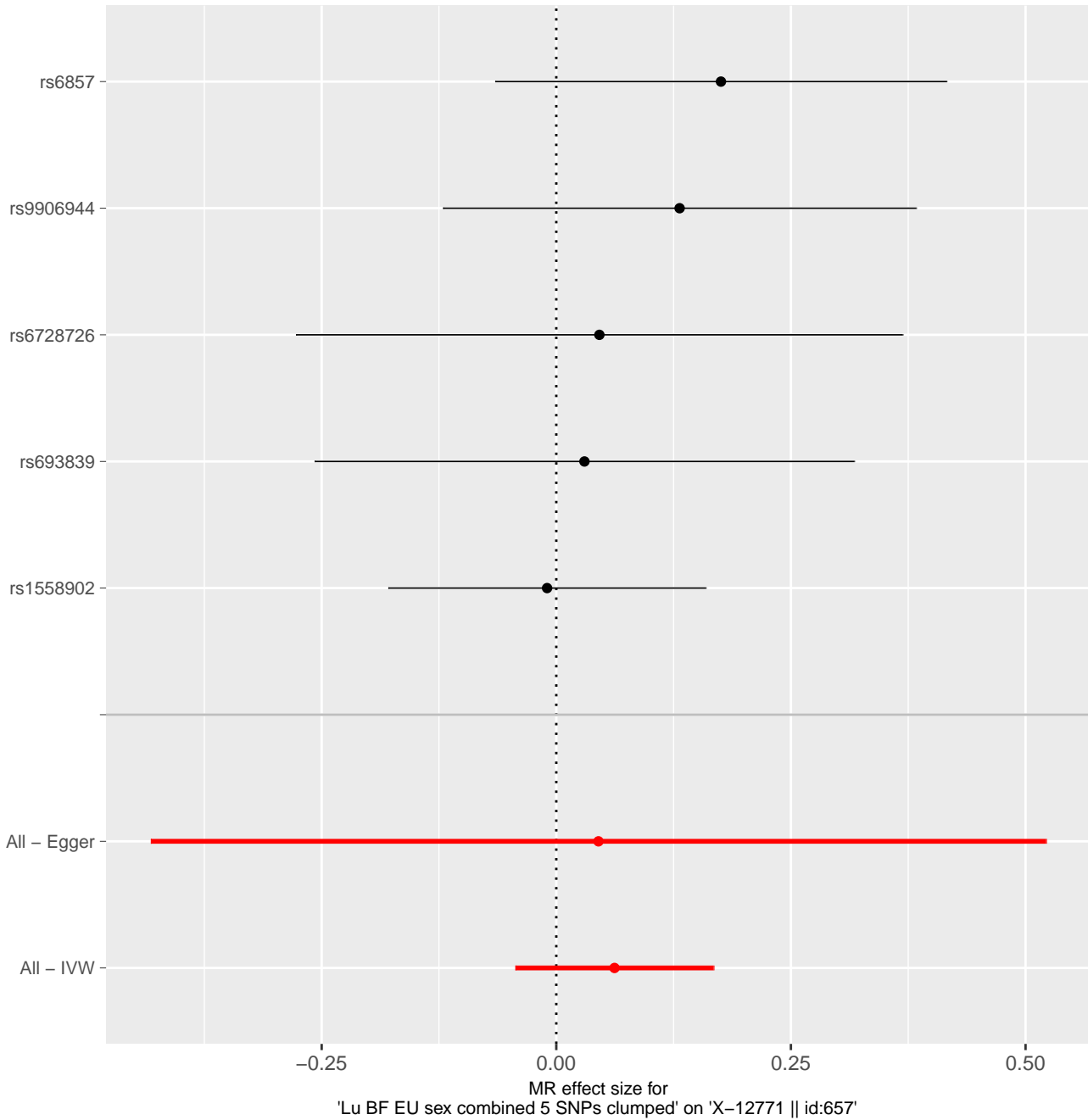


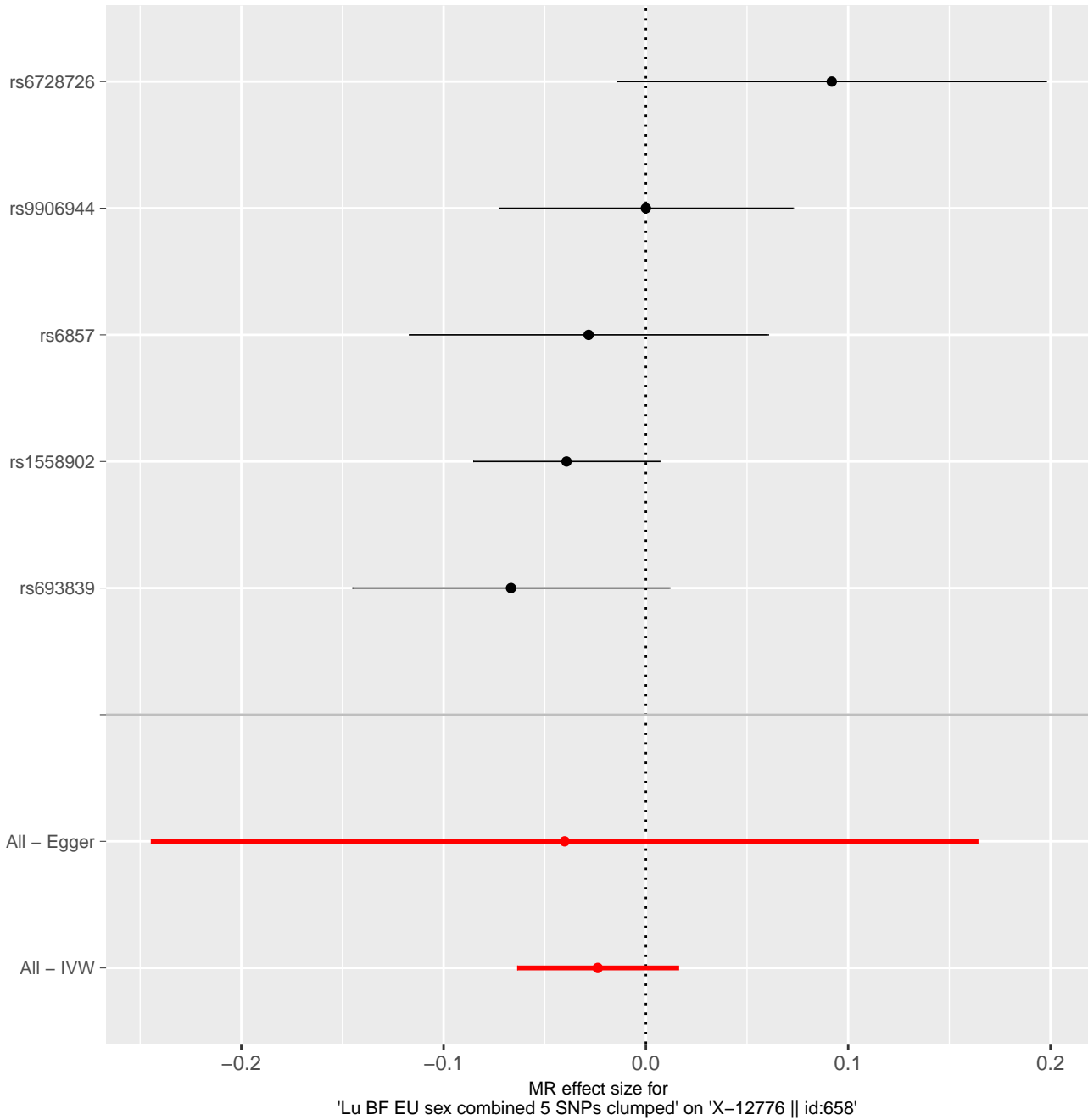












rs1558902

rs9906944

rs6857

rs6728726

rs693839

All – Egger

All – IVW

-0.5

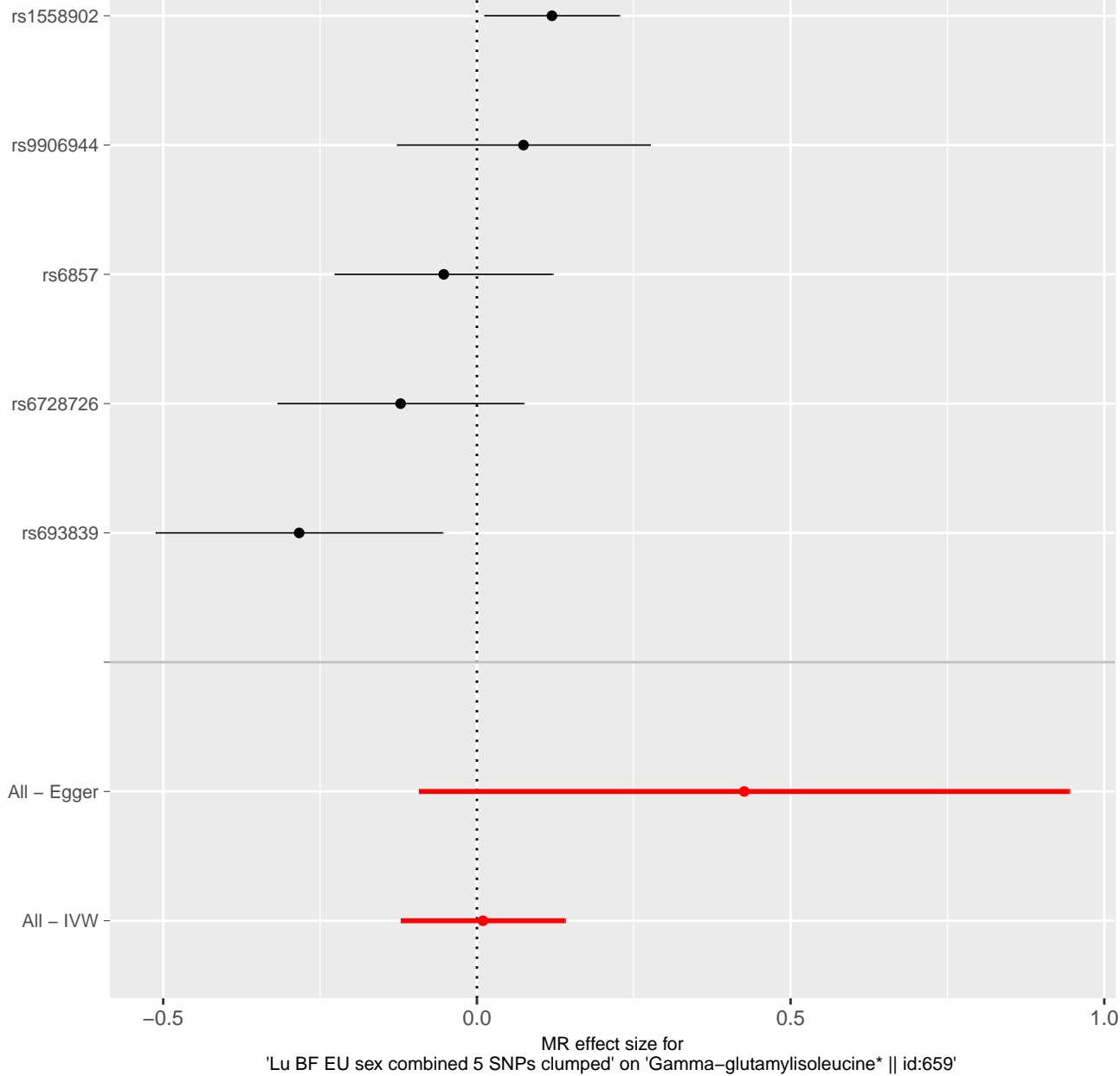
0.0

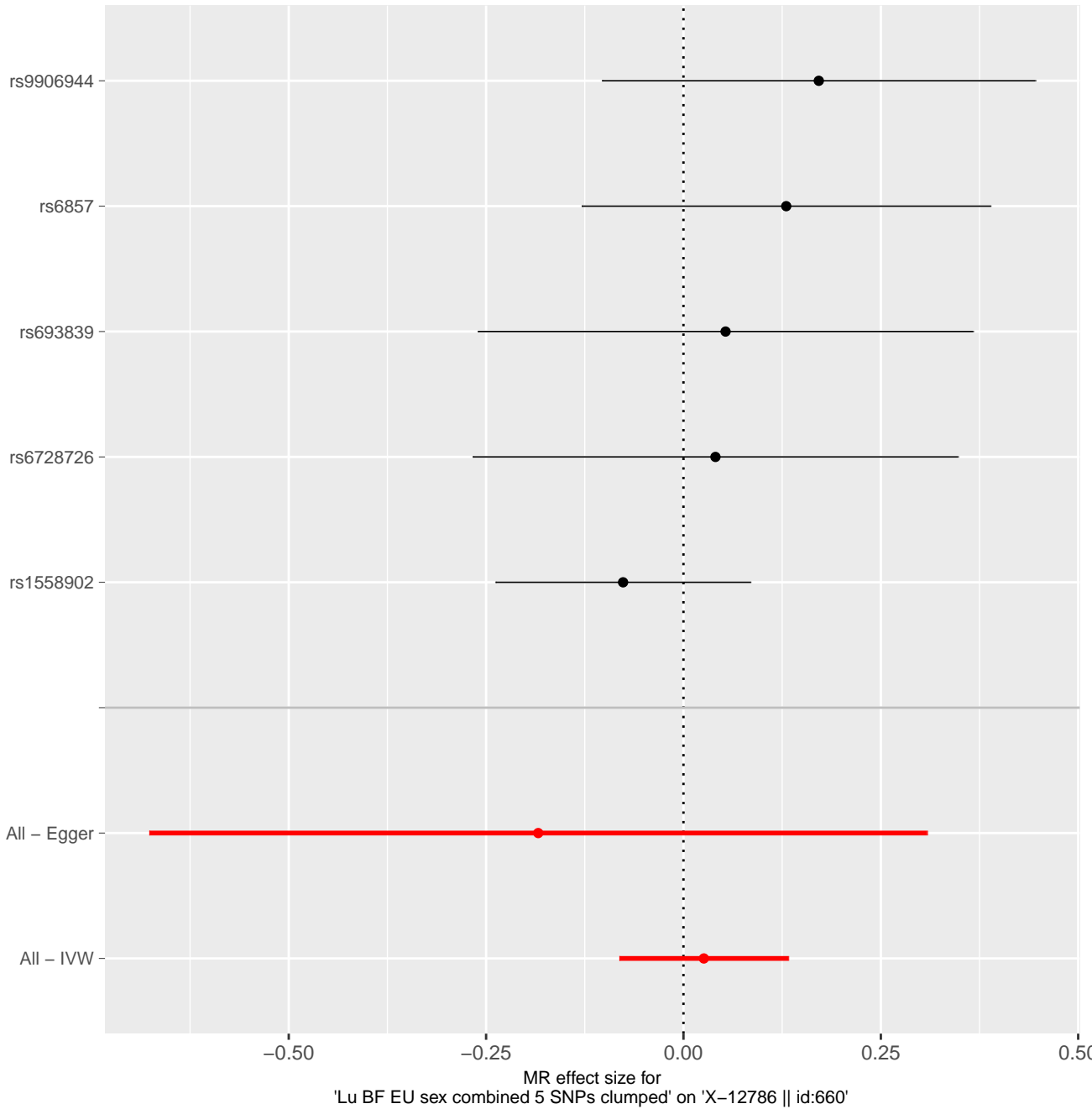
0.5

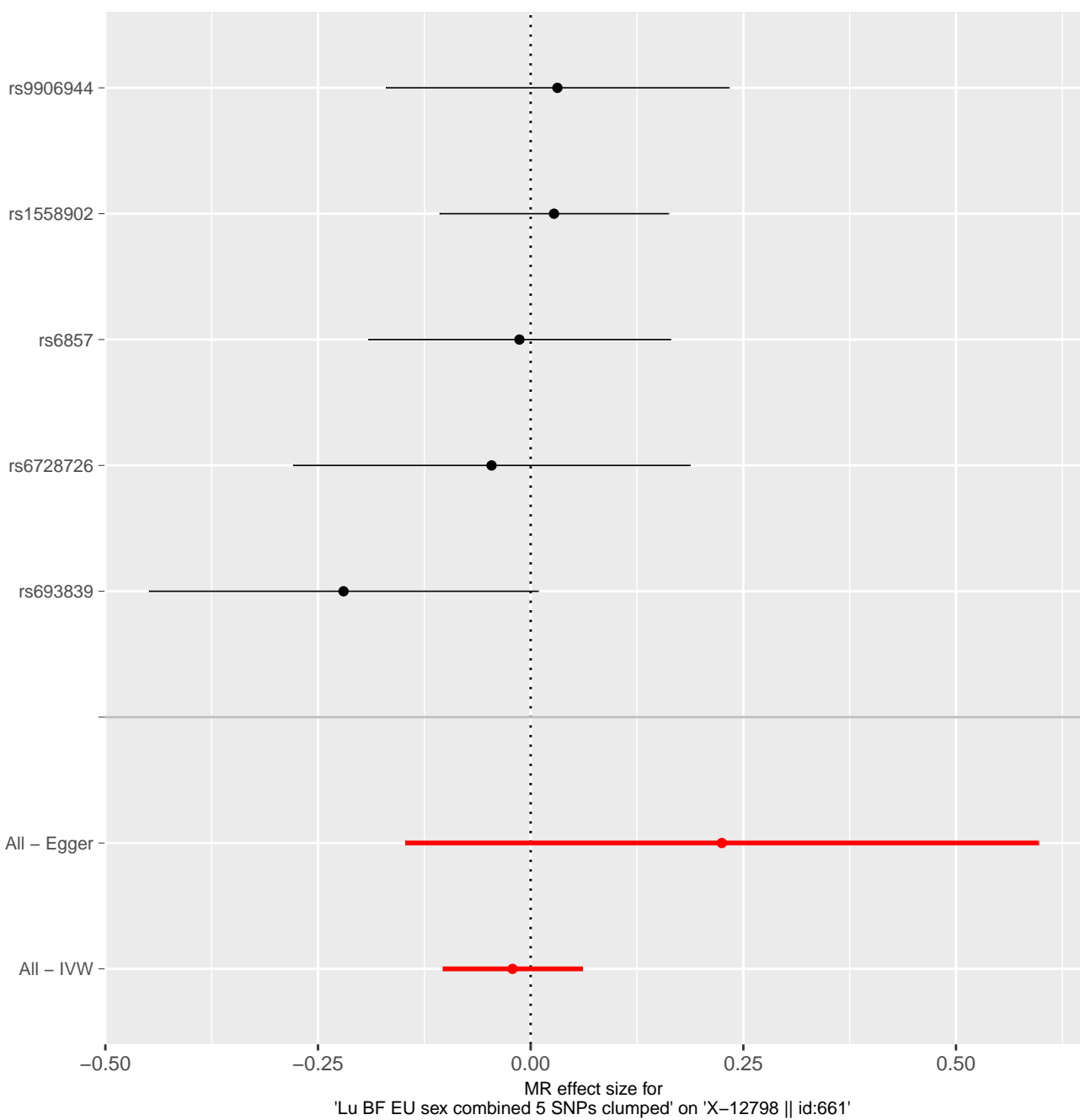
1.0

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-glutamylisoleucine* || id:659'







rs6857

rs1558902

rs693839

rs6728726

rs9906944

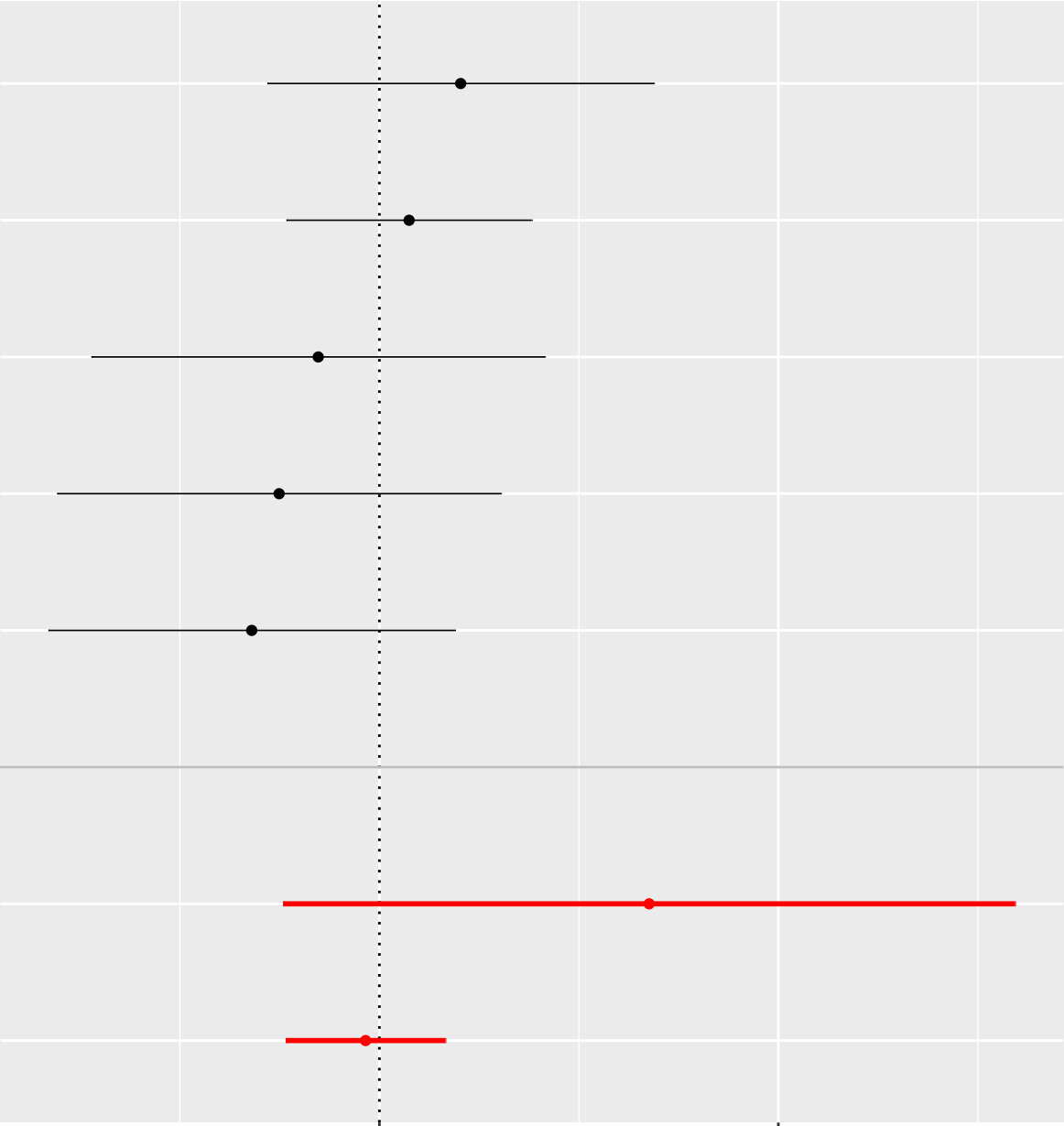
All – Egger

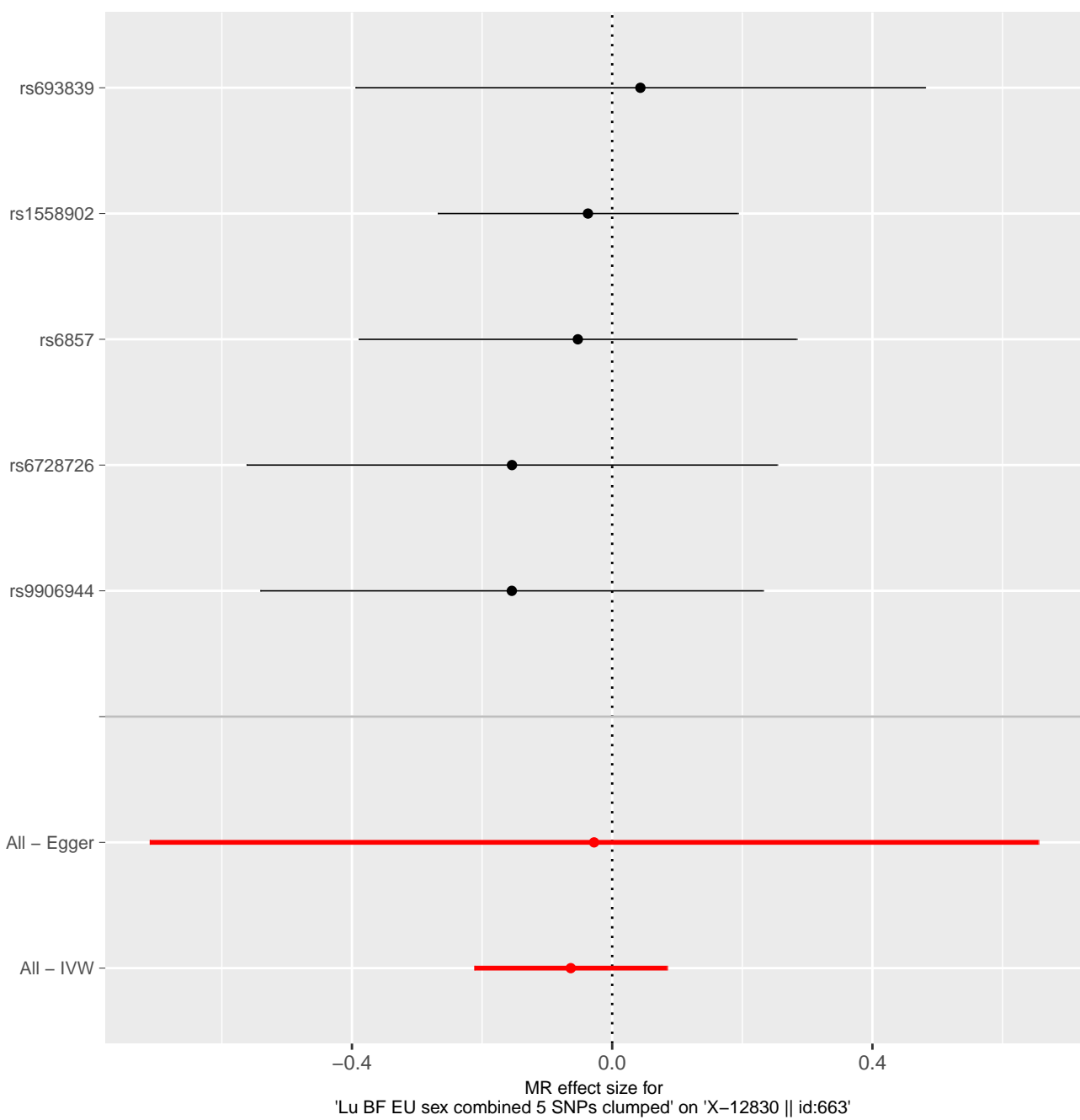
All – IVW

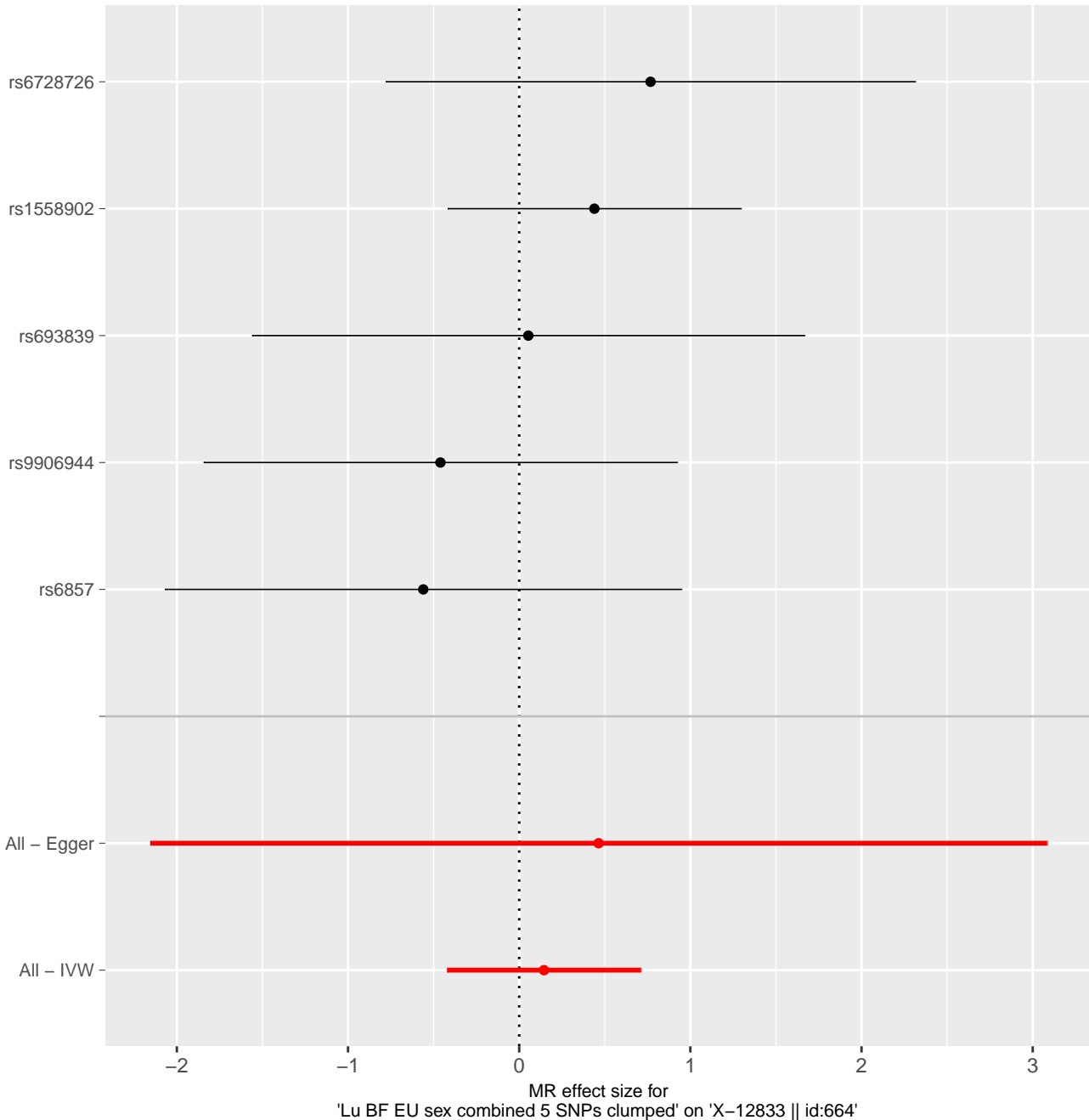
0

1

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12816 || id:662'







rs6857

rs9906944

rs693839

rs1558902

rs6728726

All – Egger

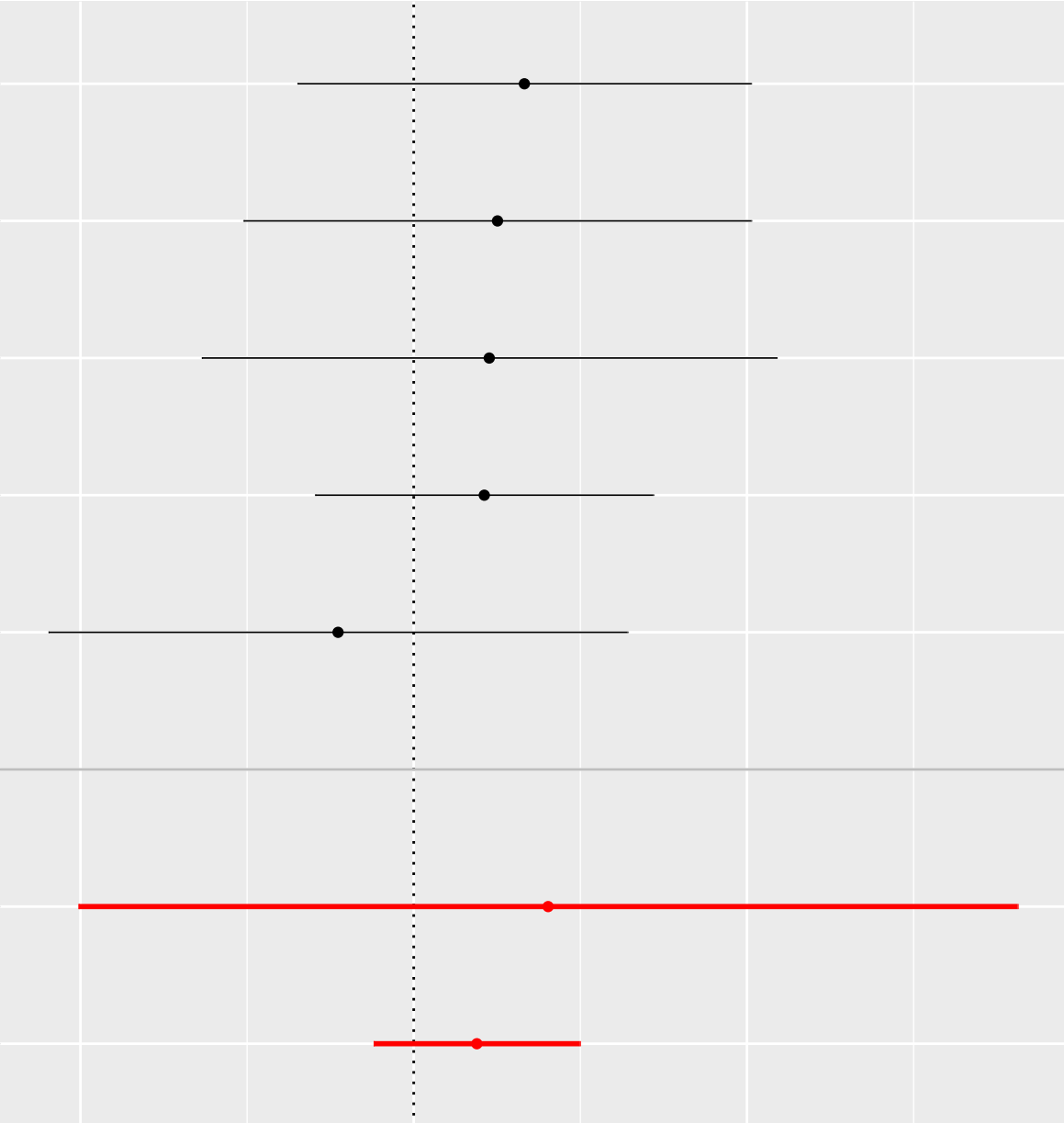
All – IVW

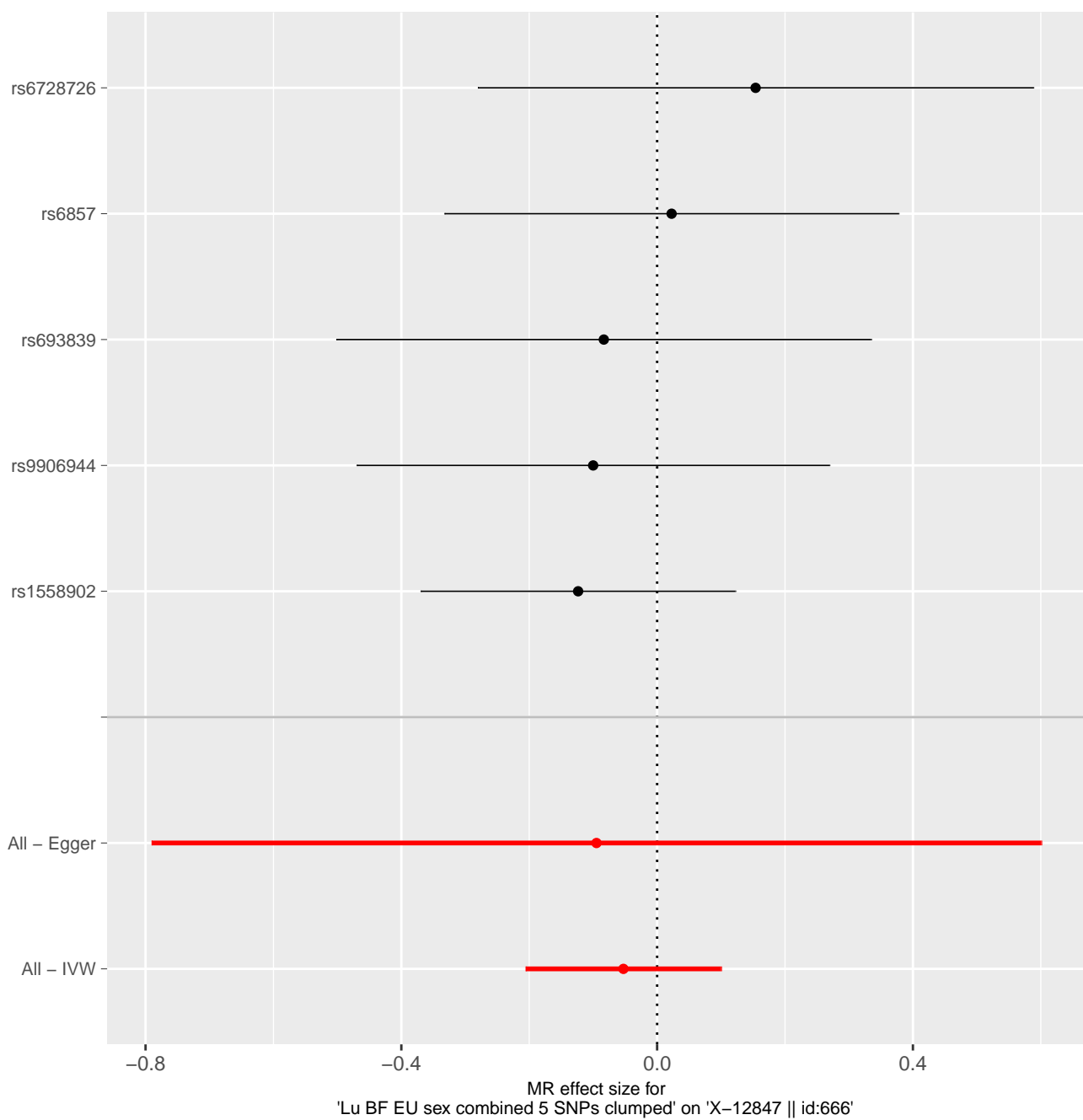
-0.25

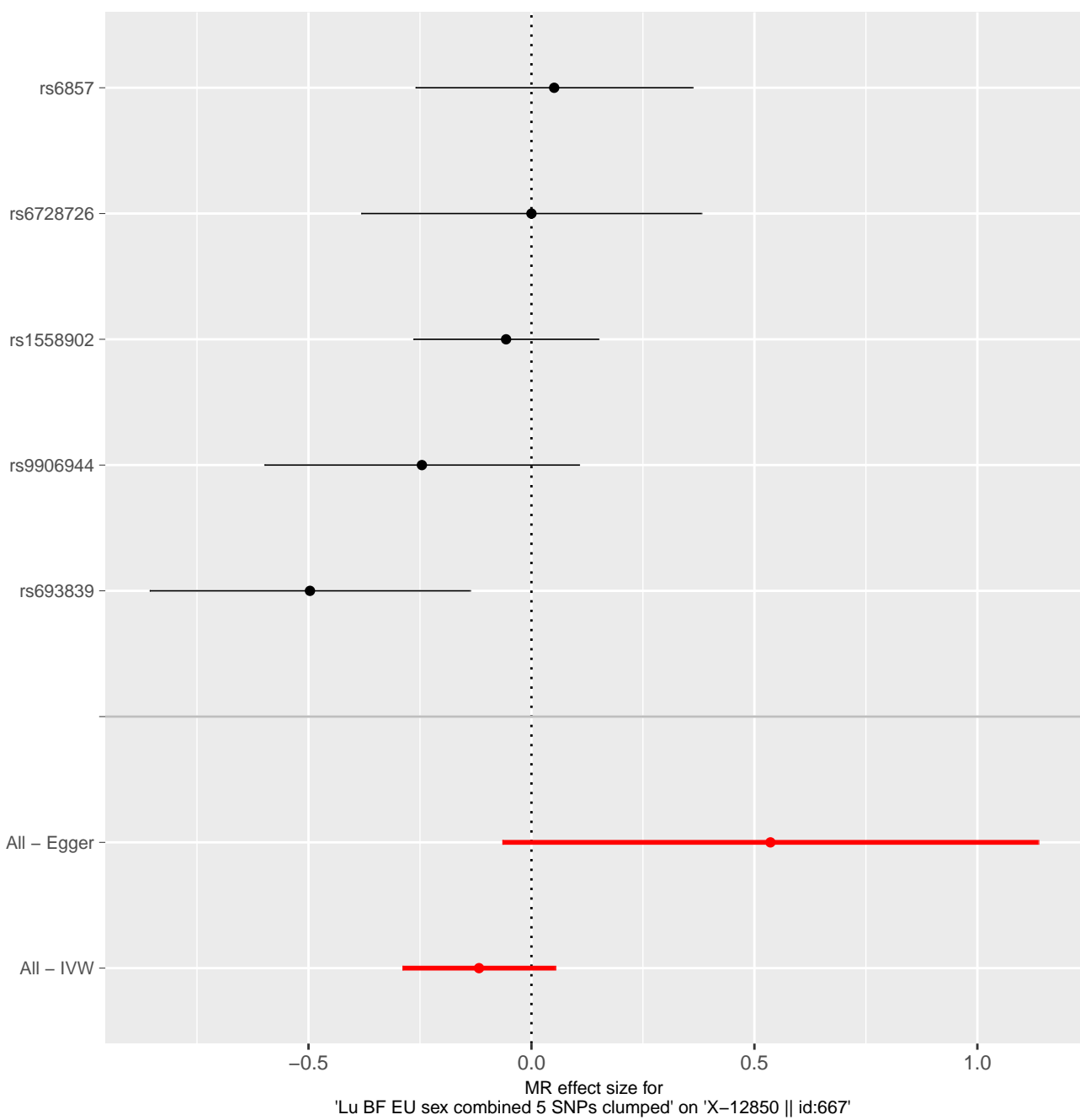
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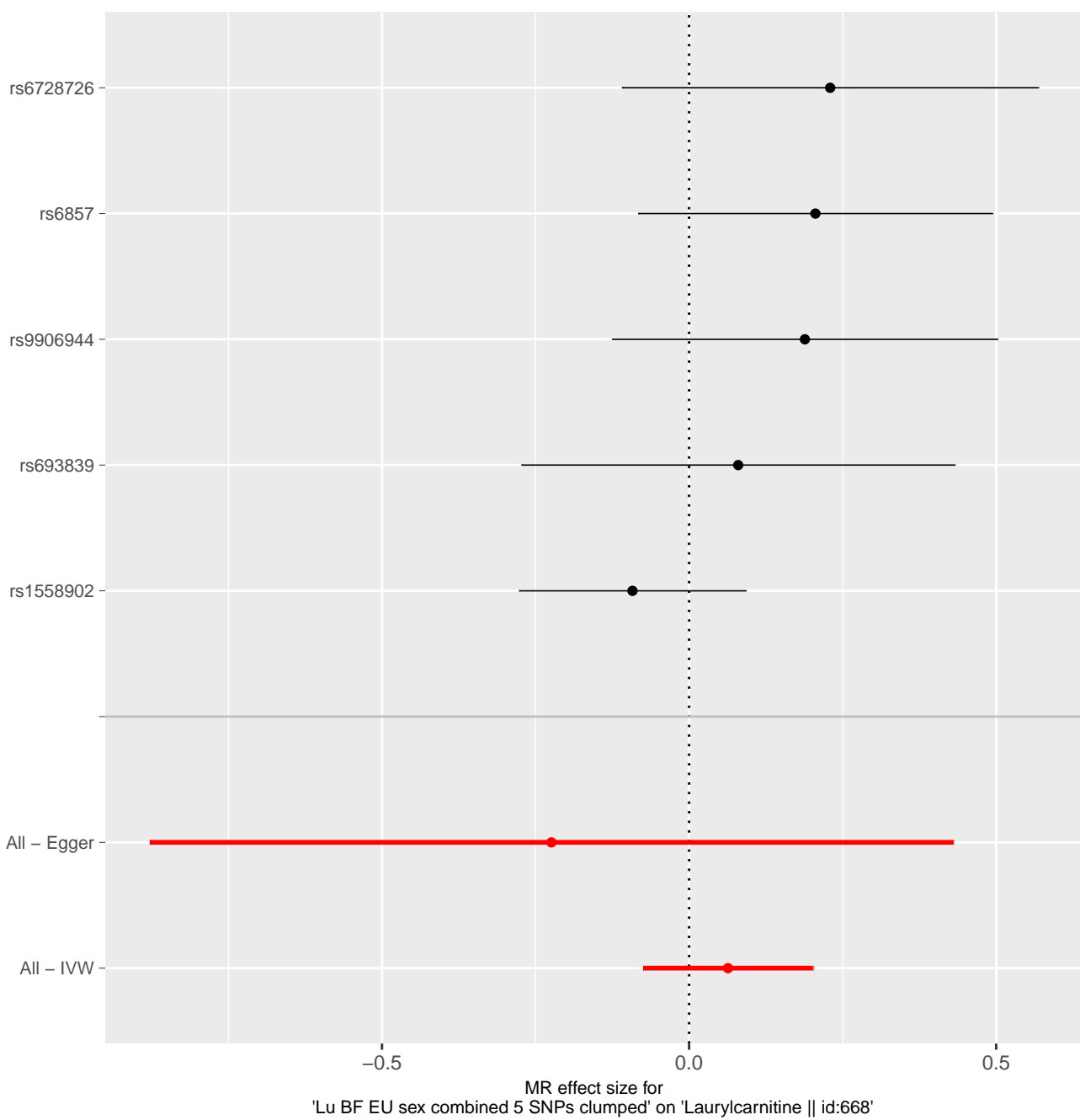
0.25

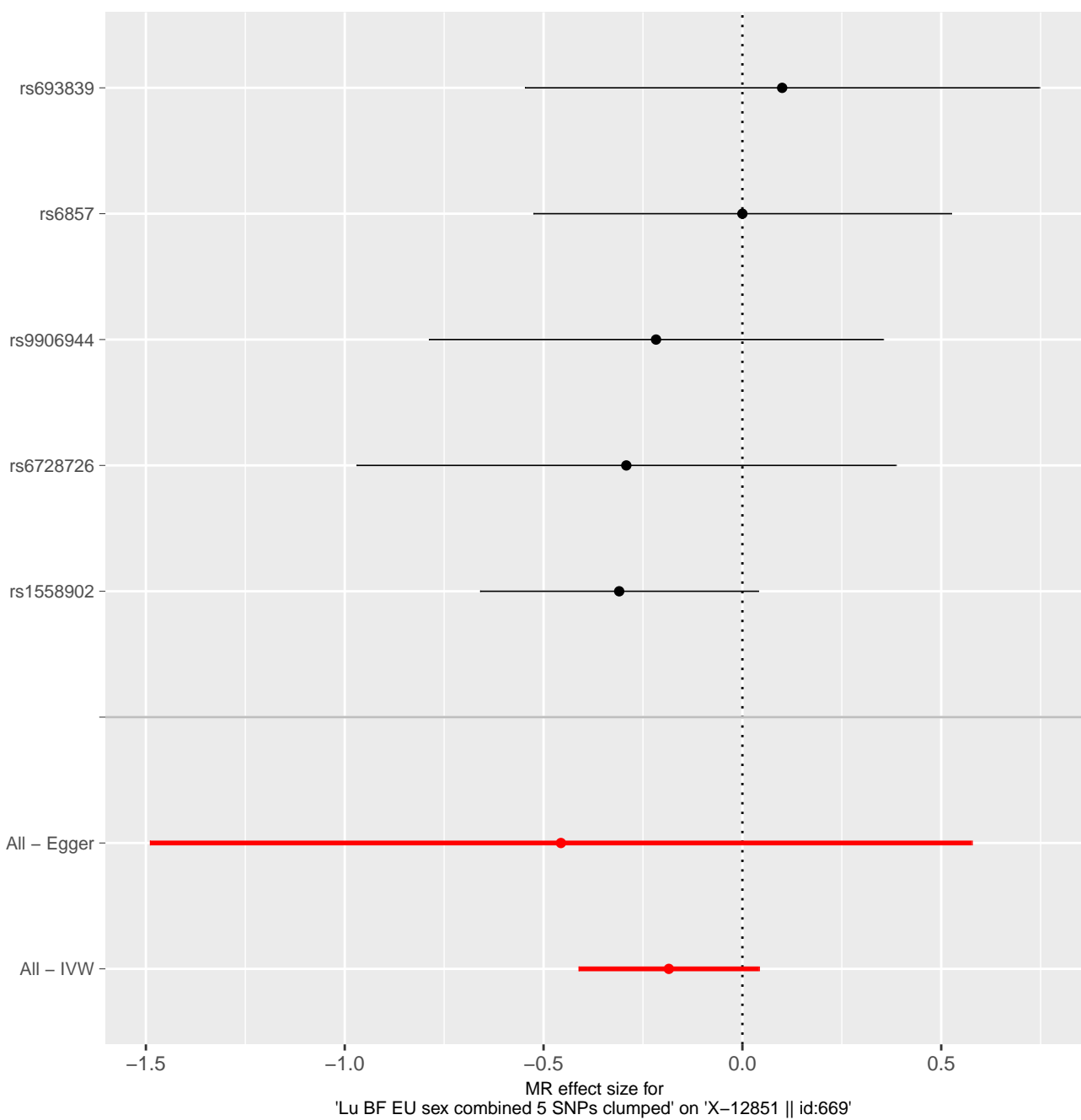
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12844 || id:665'

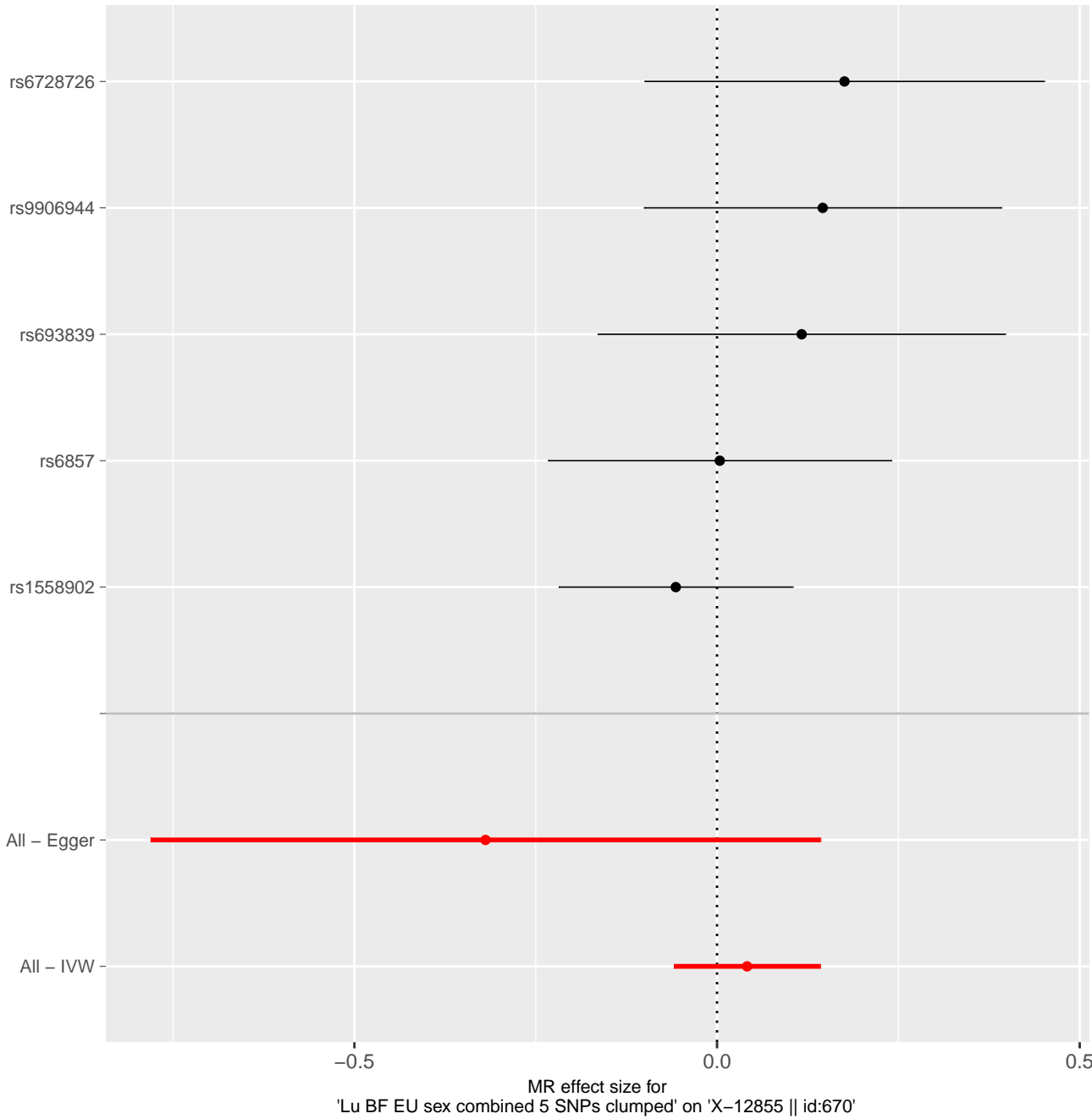


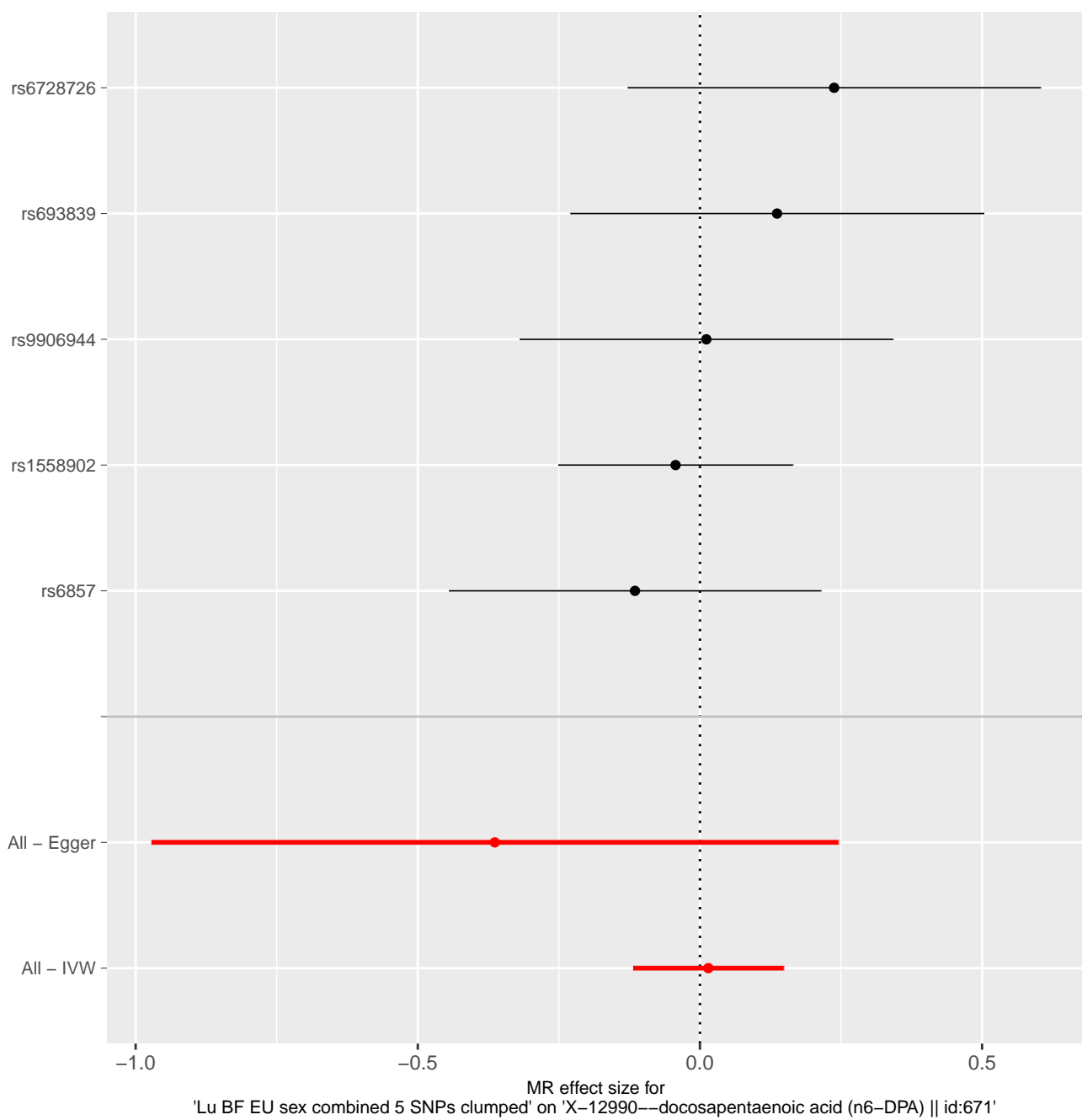


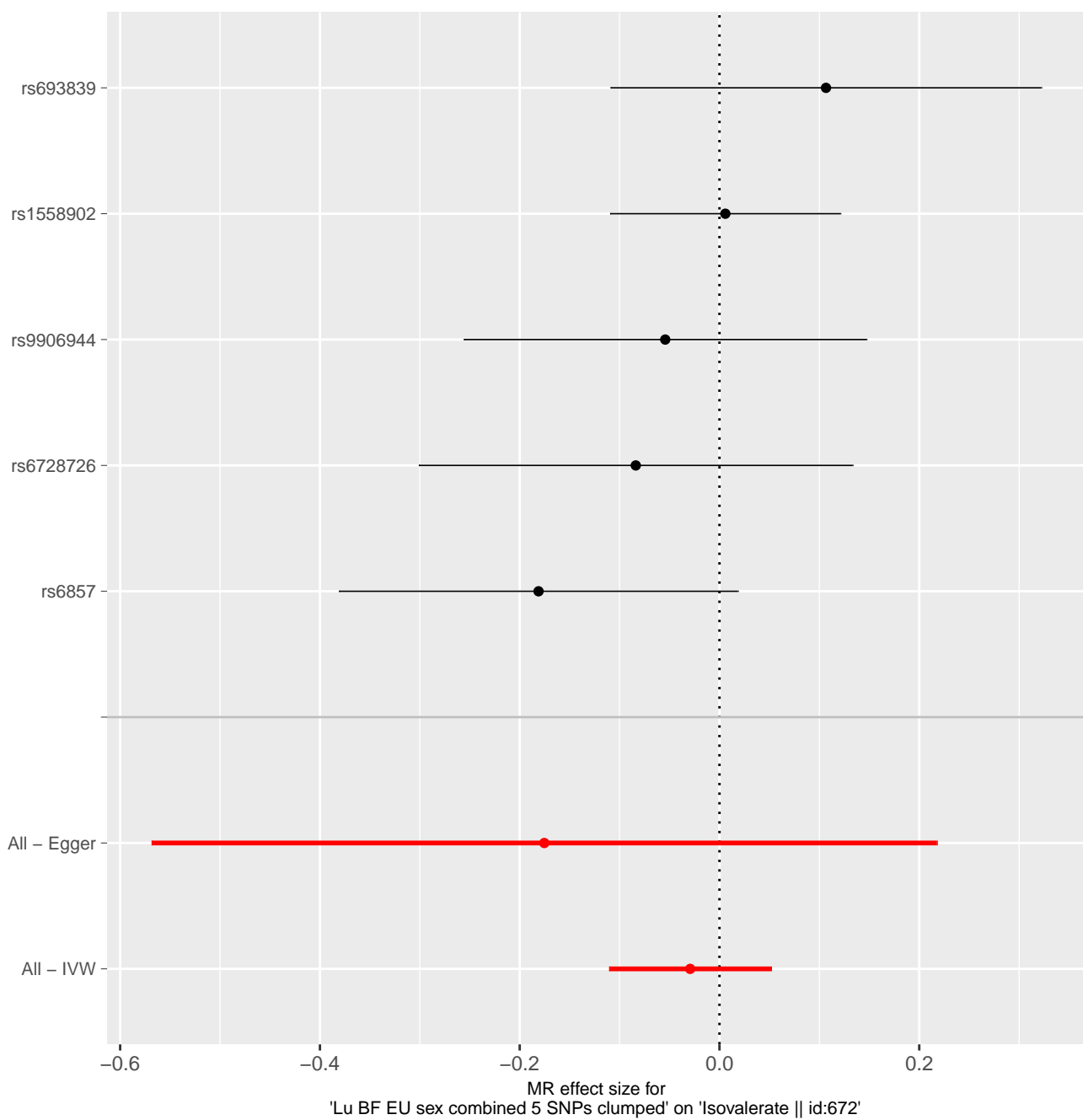


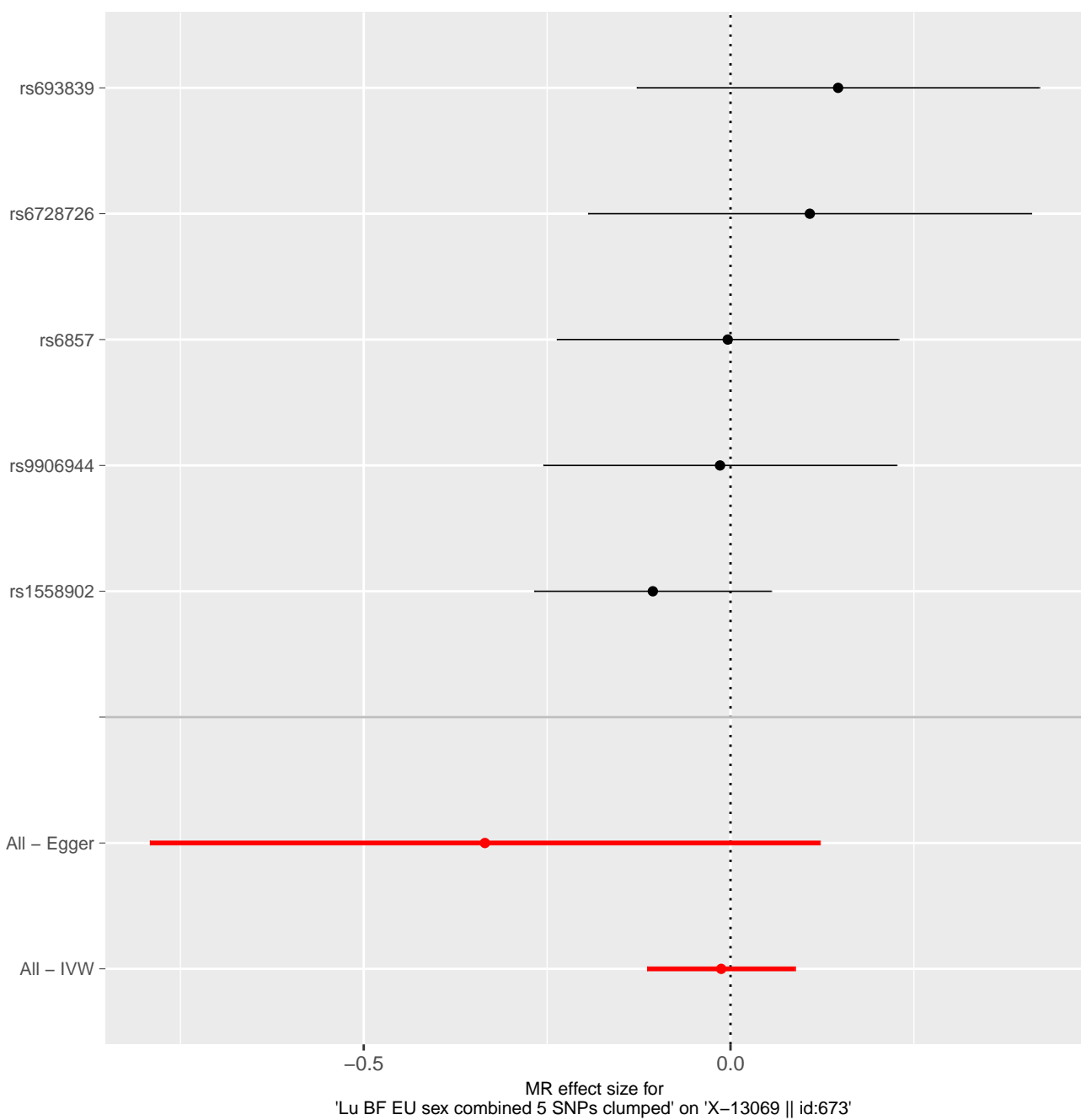


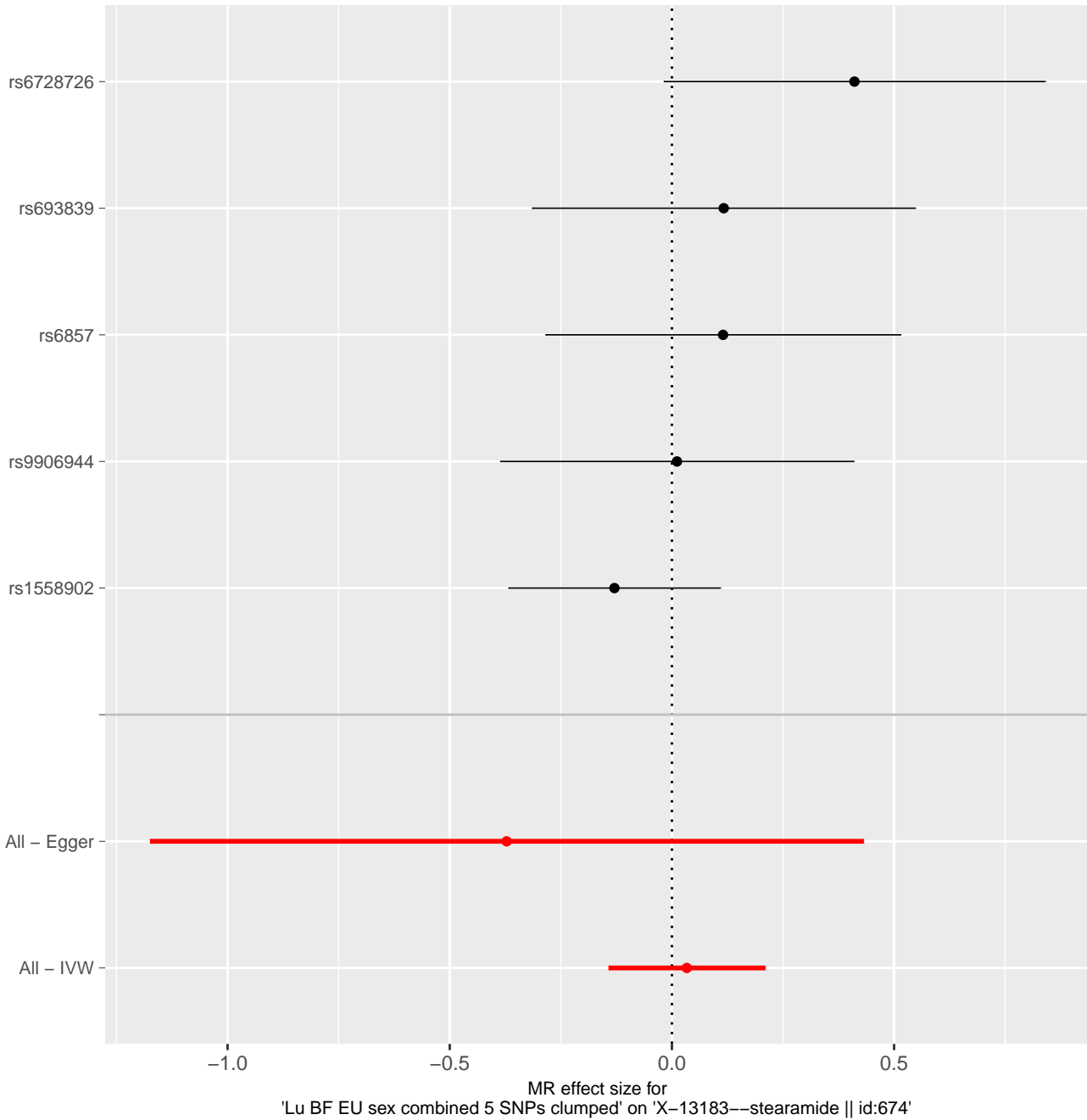


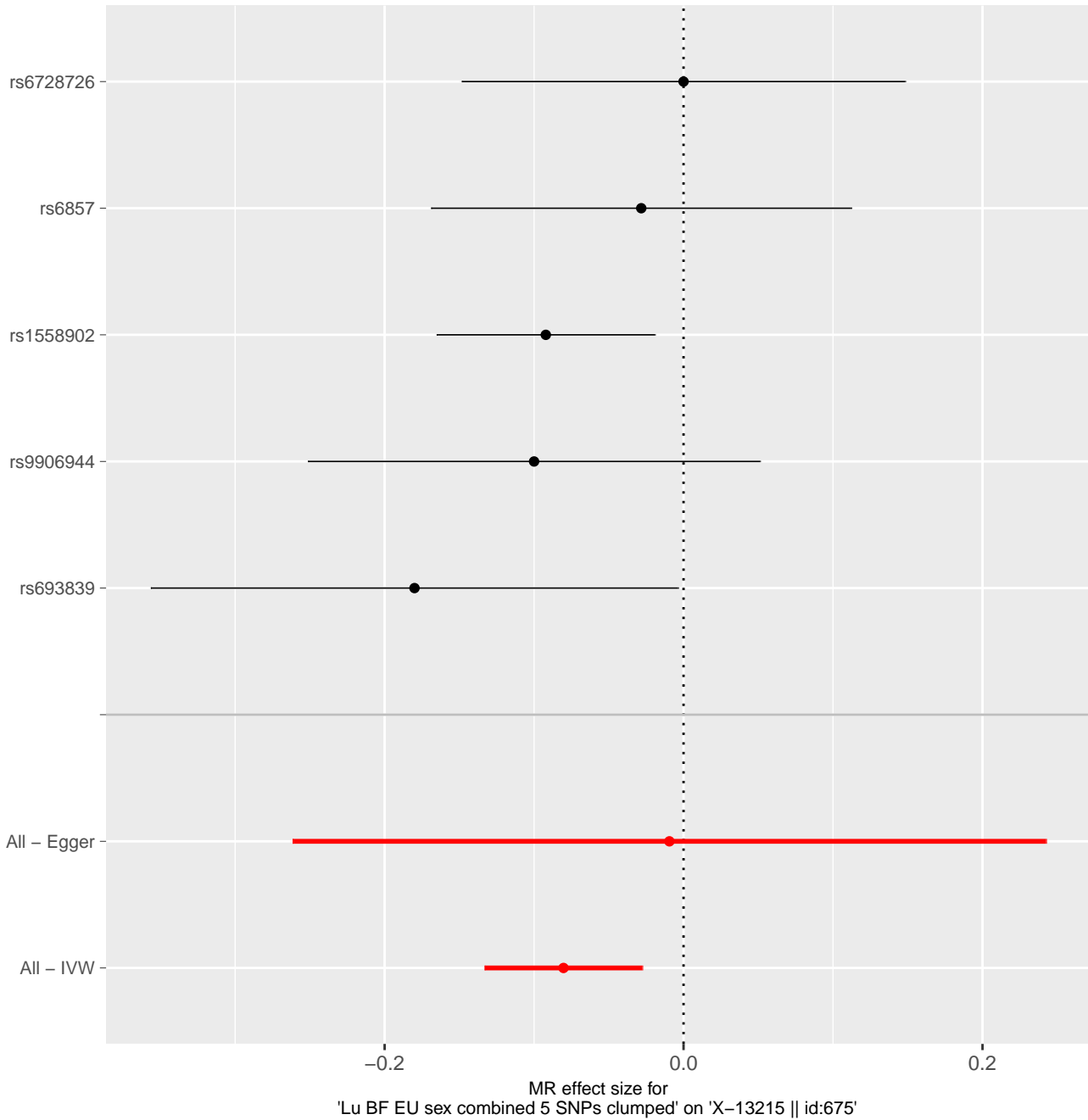


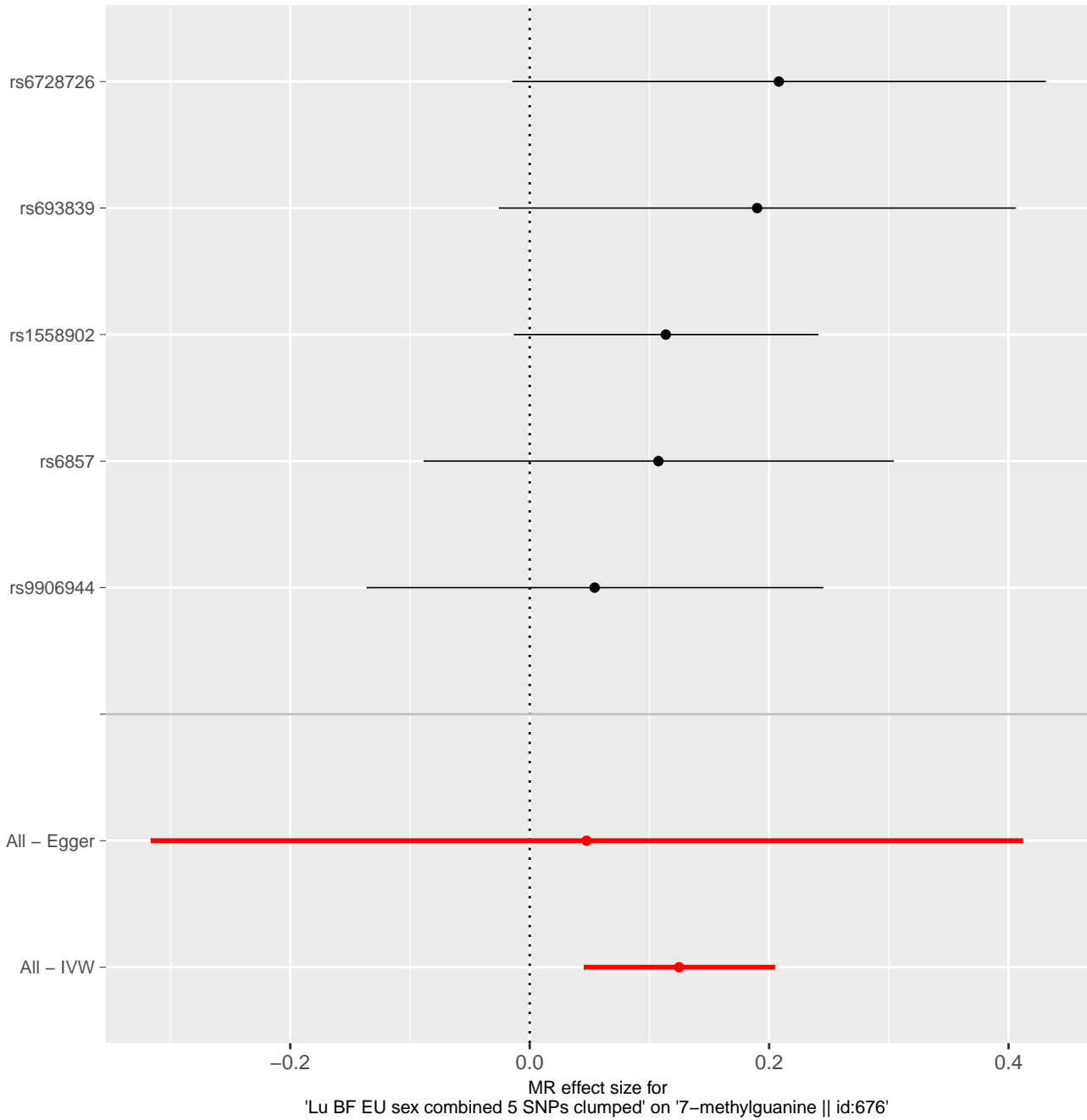


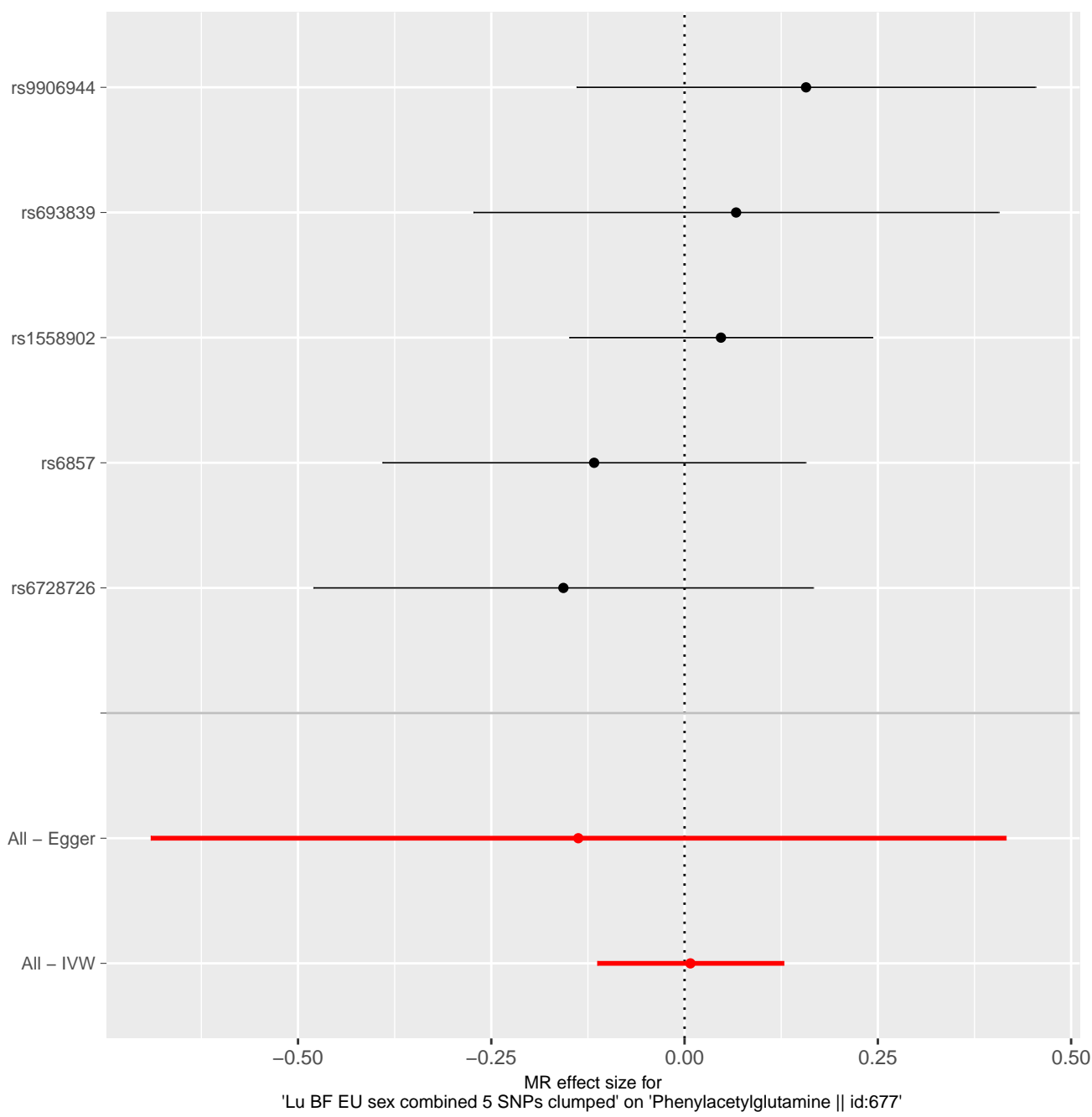


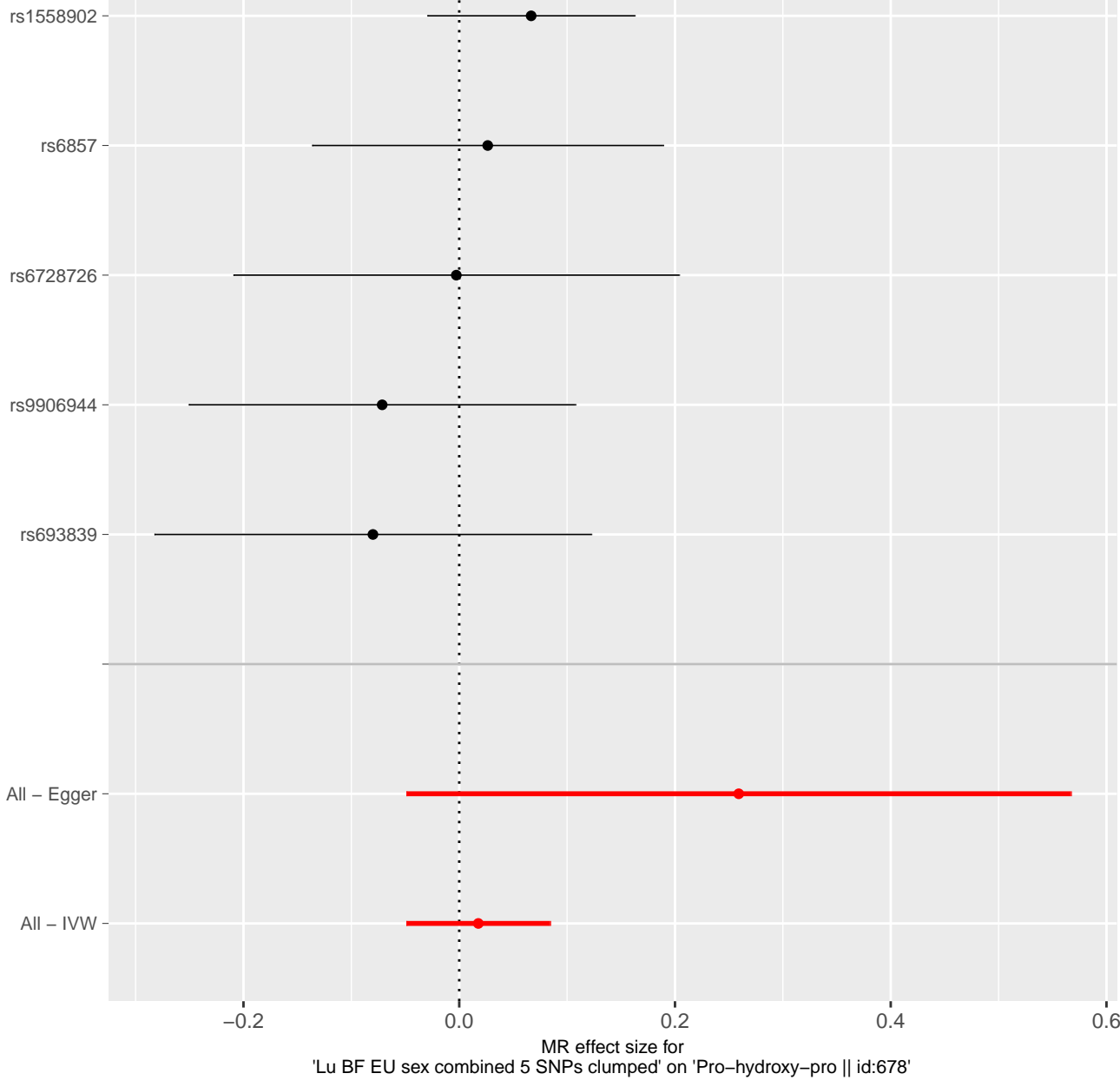












rs1558902

rs6728726

rs6857

rs693839

rs9906944

All – Egger

All – IVW

-0.2

0.0

0.2

0.4

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'N2,N2-dimethylguanosine || id:679'

rs9906944

rs1558902

rs6857

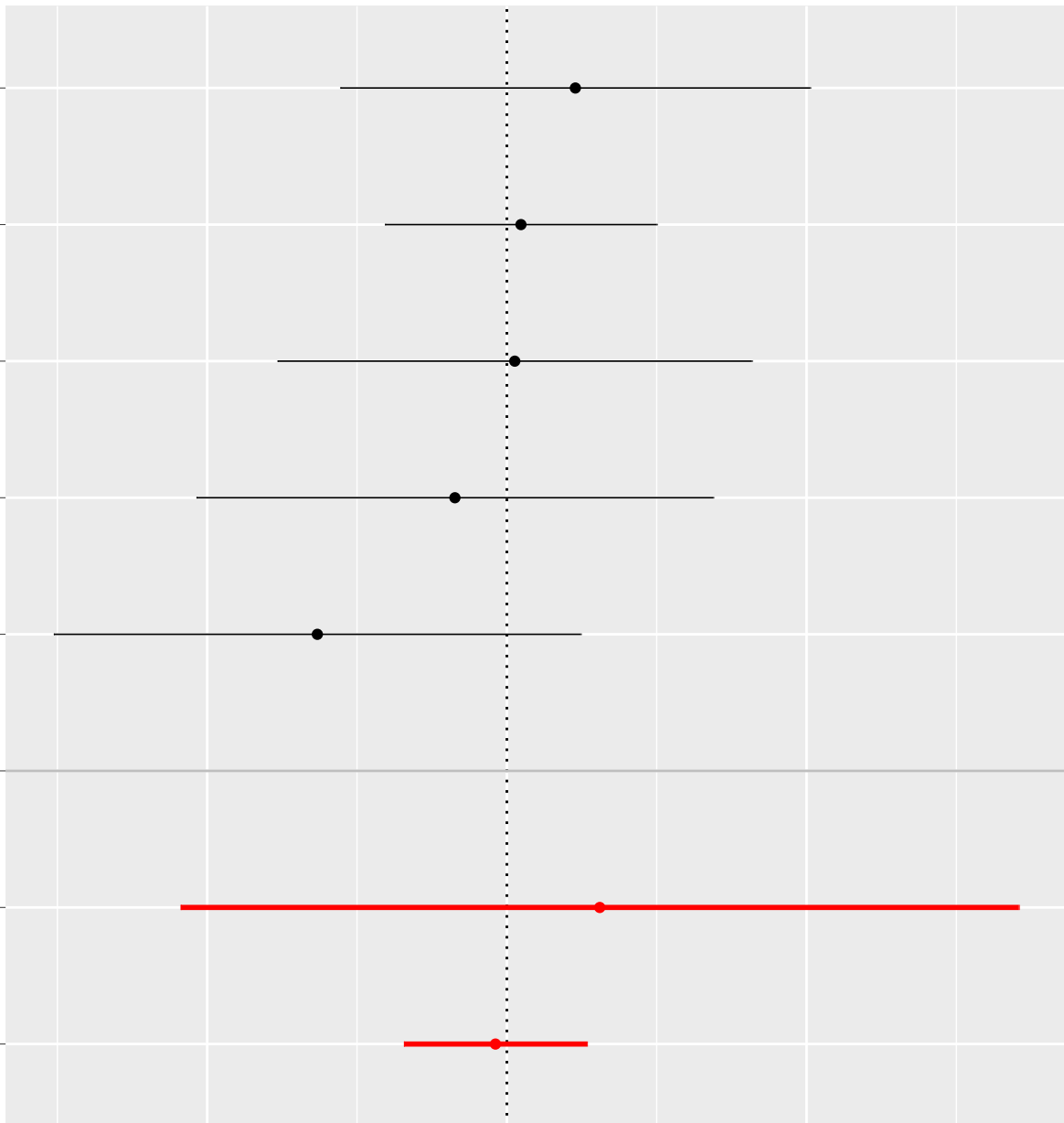
rs693839

rs6728726

All – Egger

All – IVW

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Cysteine–glutathione disulfide || id:680'



rs9906944

rs6728726

rs693839

rs6857

rs1558902

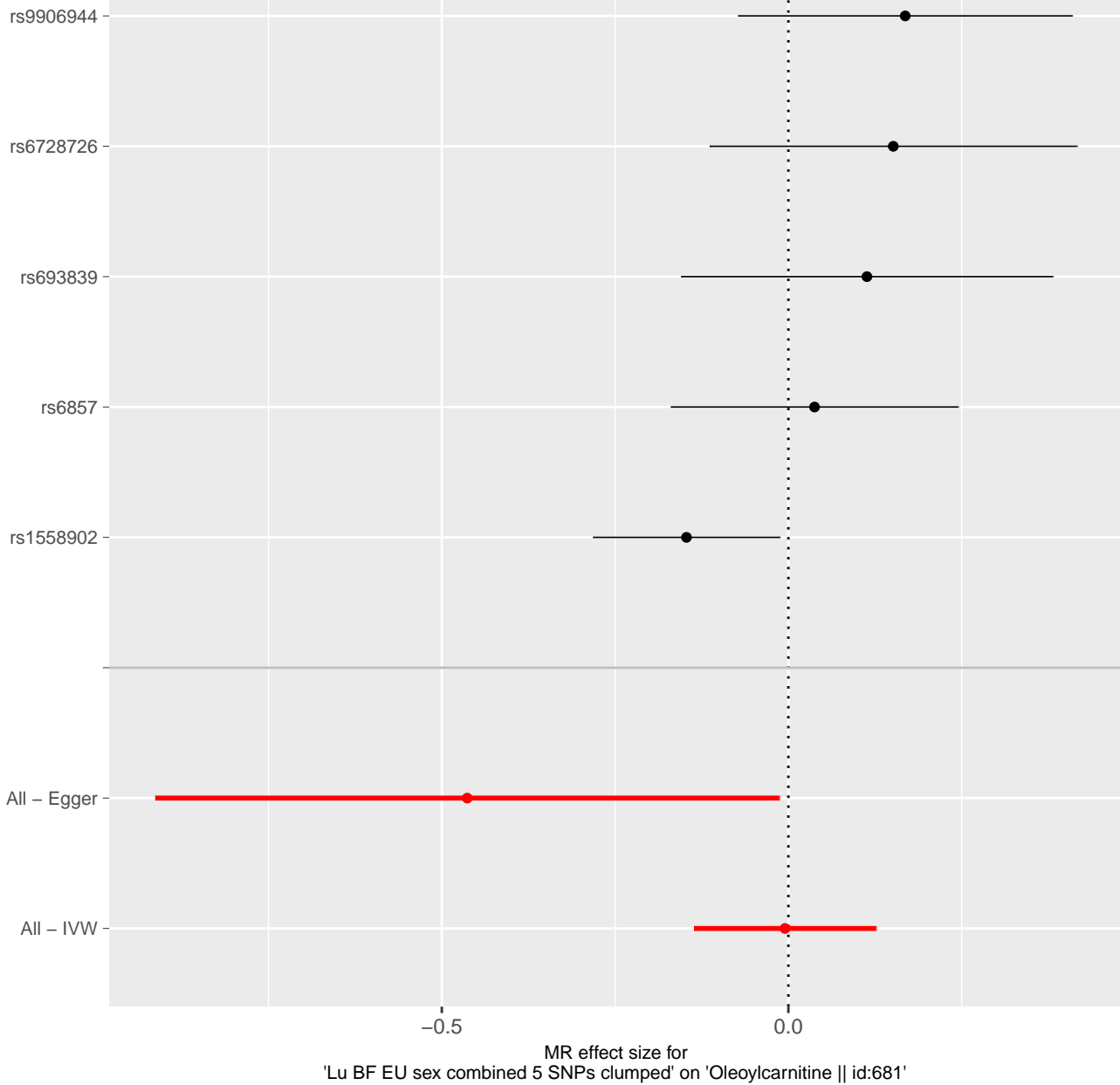
All – Egger

All – IVW

-0.5

0.0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Oleoylcarnitine || id:681'



rs9906944

rs1558902

rs6857

rs693839

rs6728726

All – Egger

All – IVW

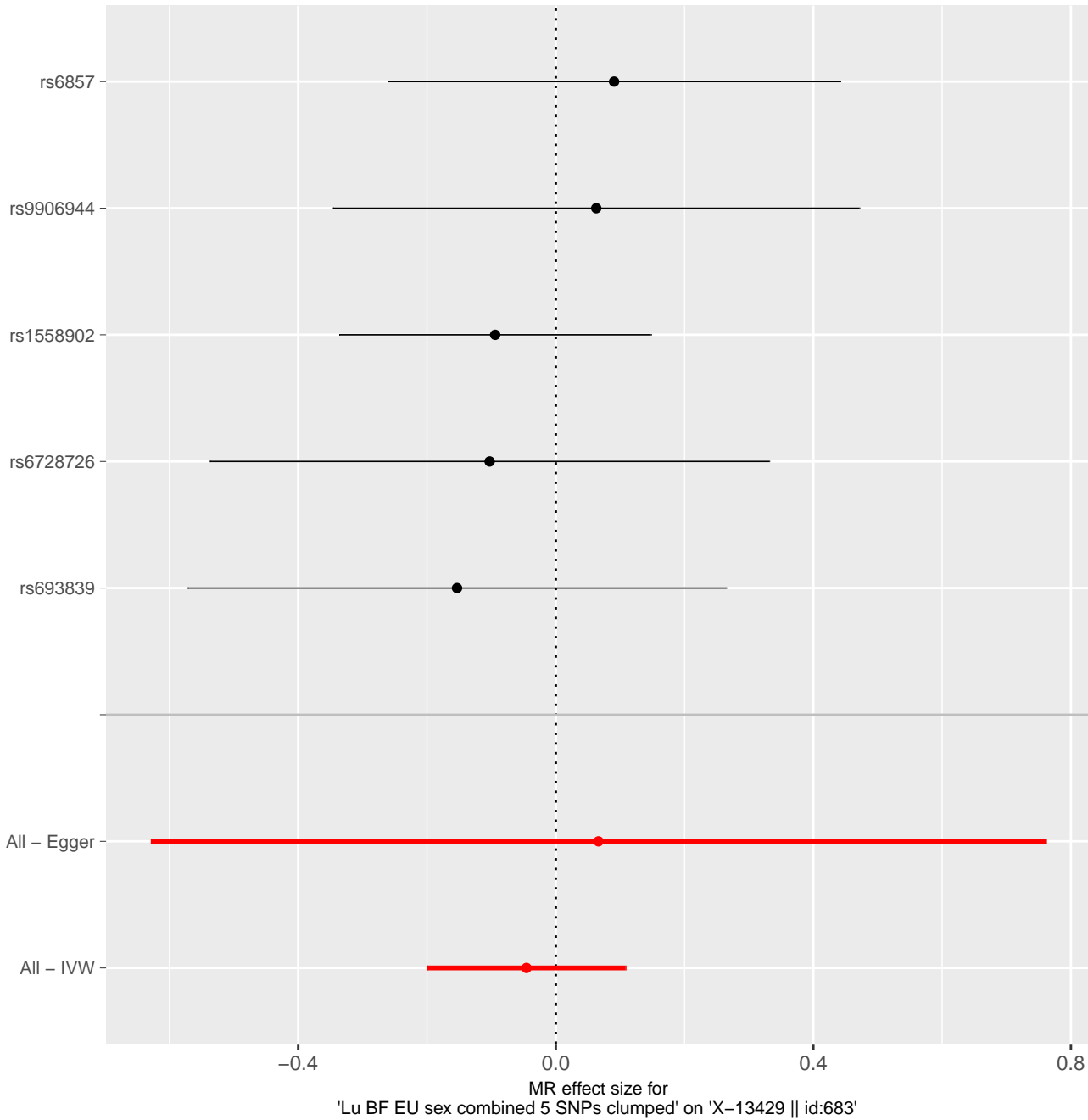
-0.2

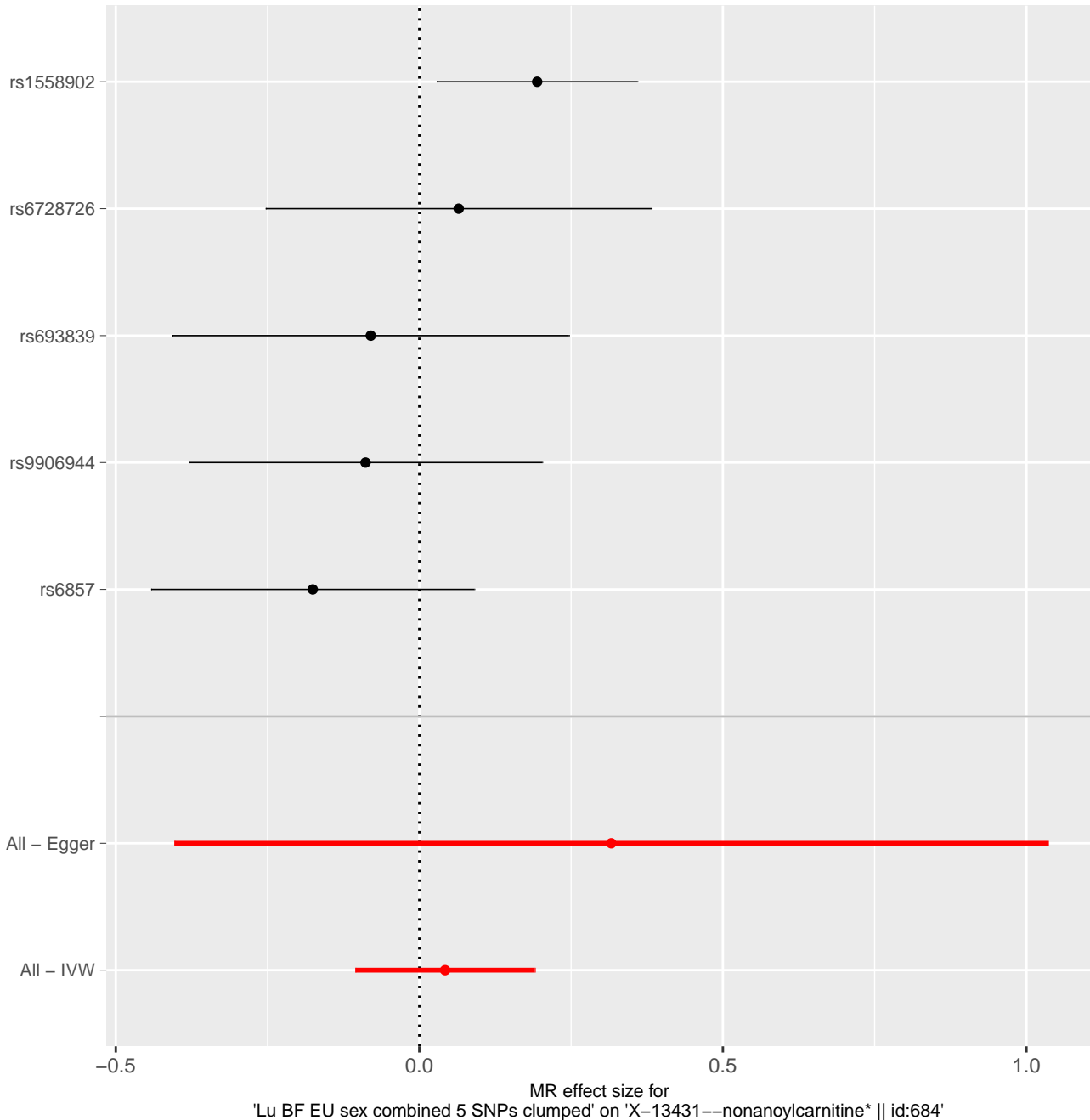
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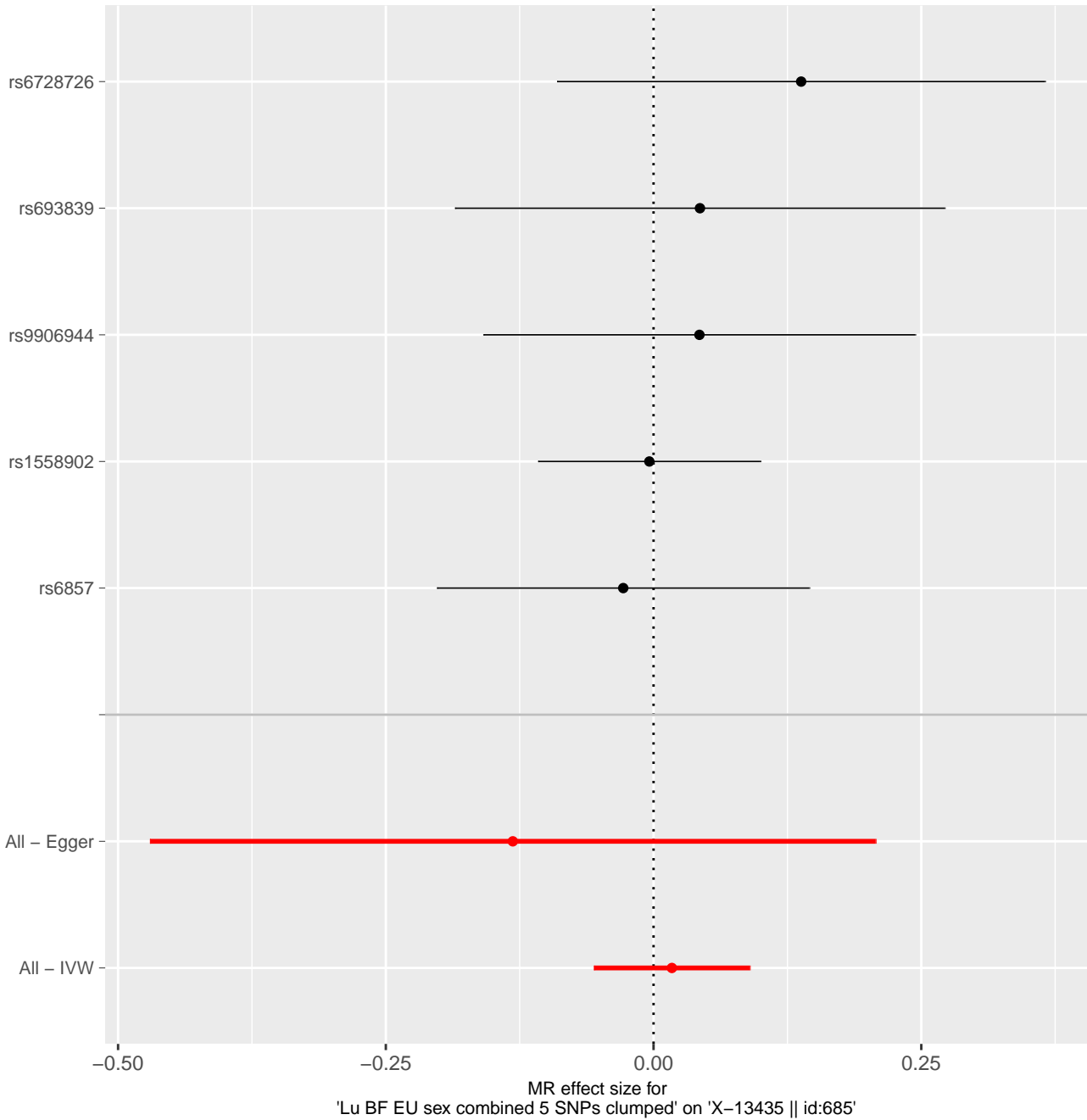
0.2

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on '1-arachidonoylglycerophosphoethanolamine* || id:682'







rs1558902

rs6857

rs693839

rs6728726

rs9906944

All – Egger

All – IVW

-0.2

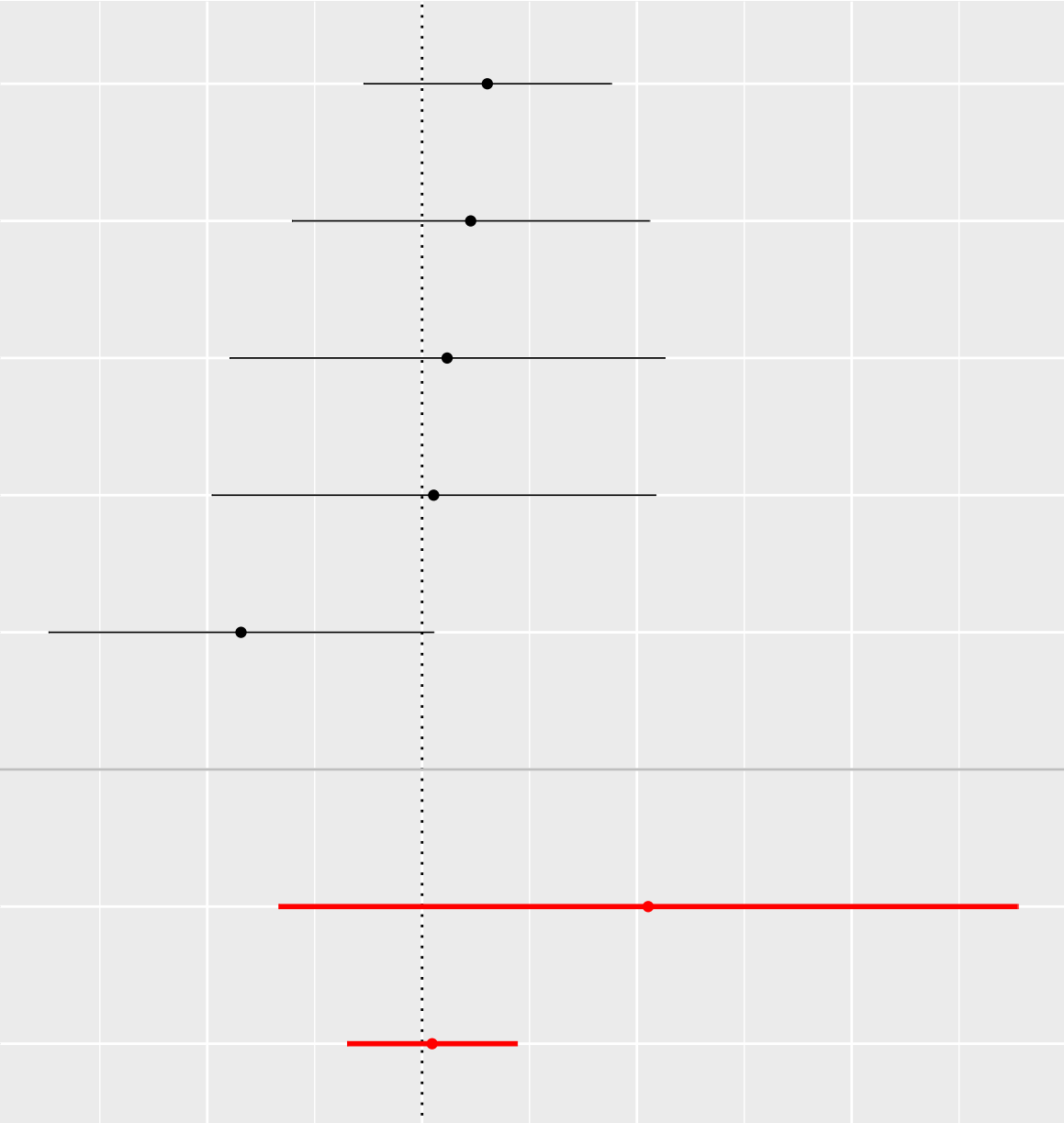
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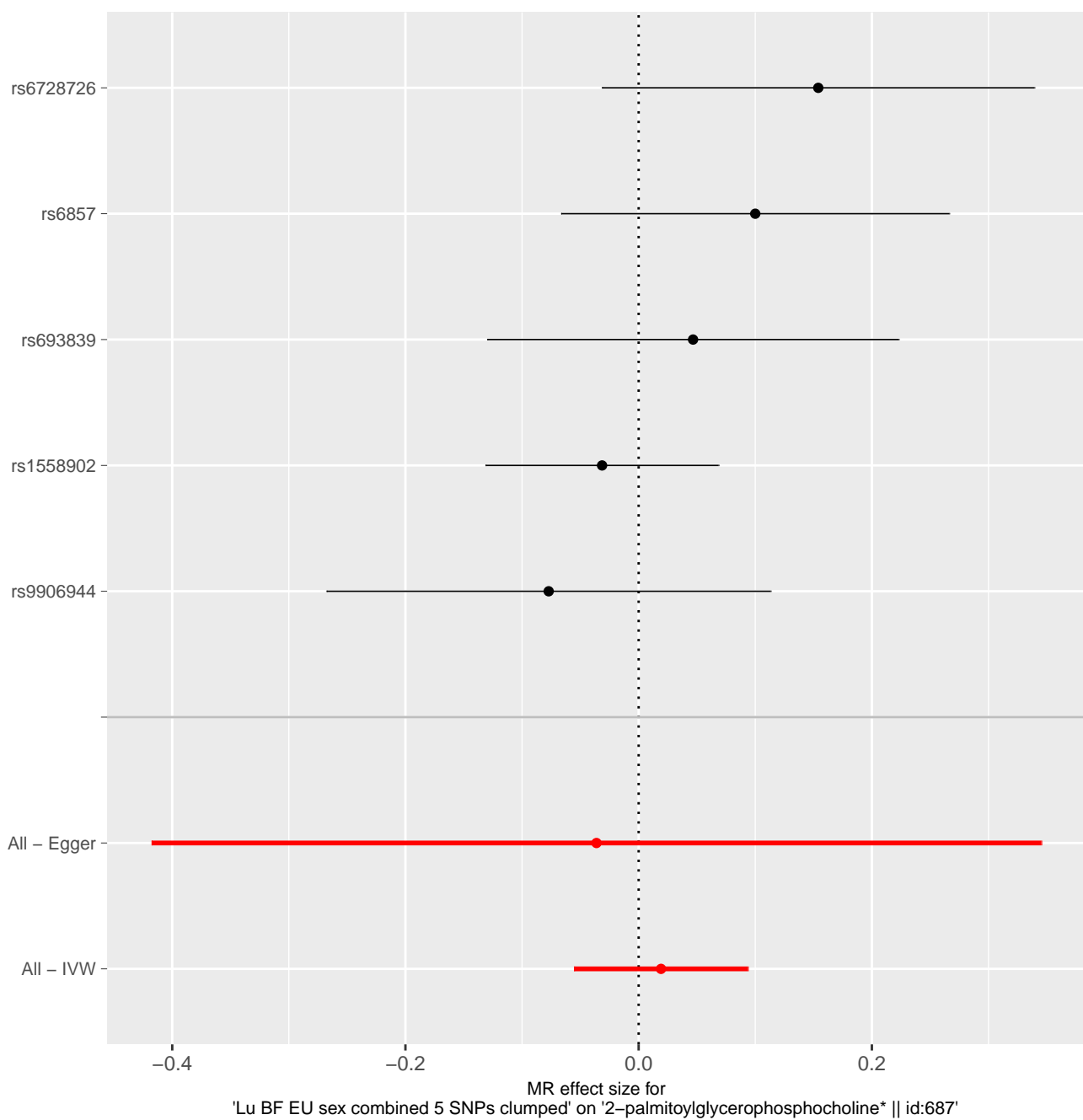
0.2

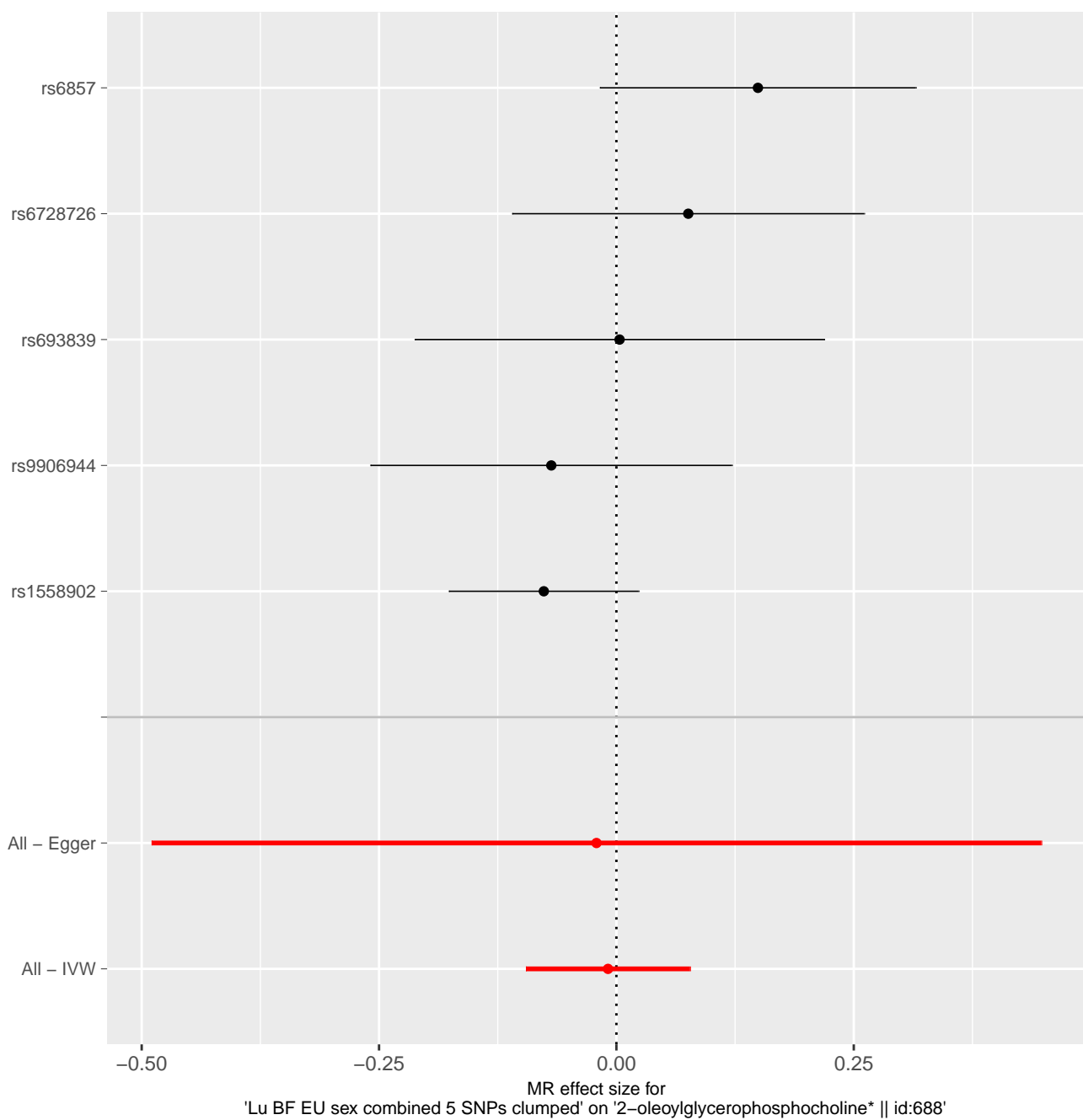
0.4

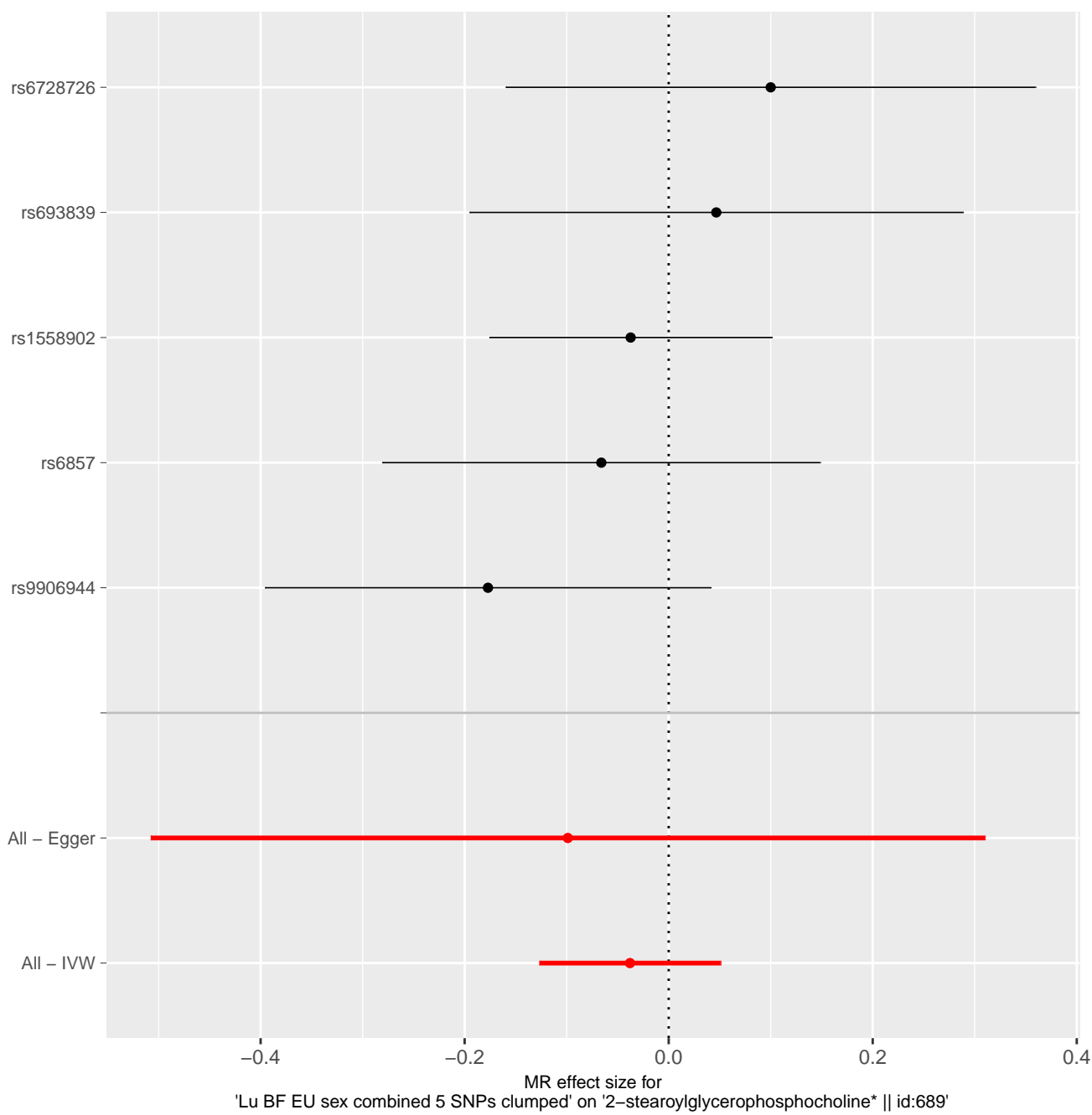
MR effect size for

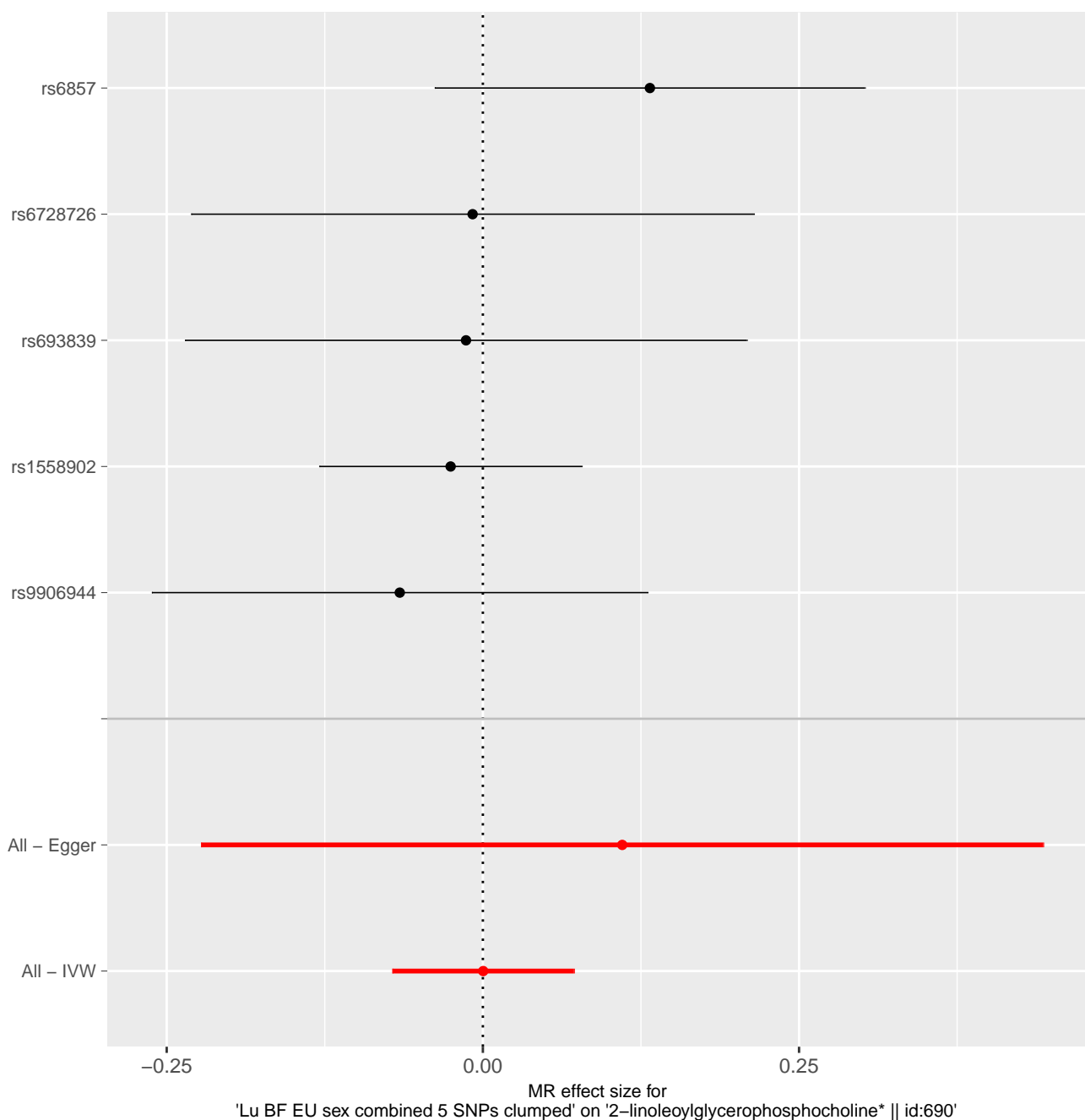
'Lu BF EU sex combined 5 SNPs clumped' on 'X-13477 || id:686'

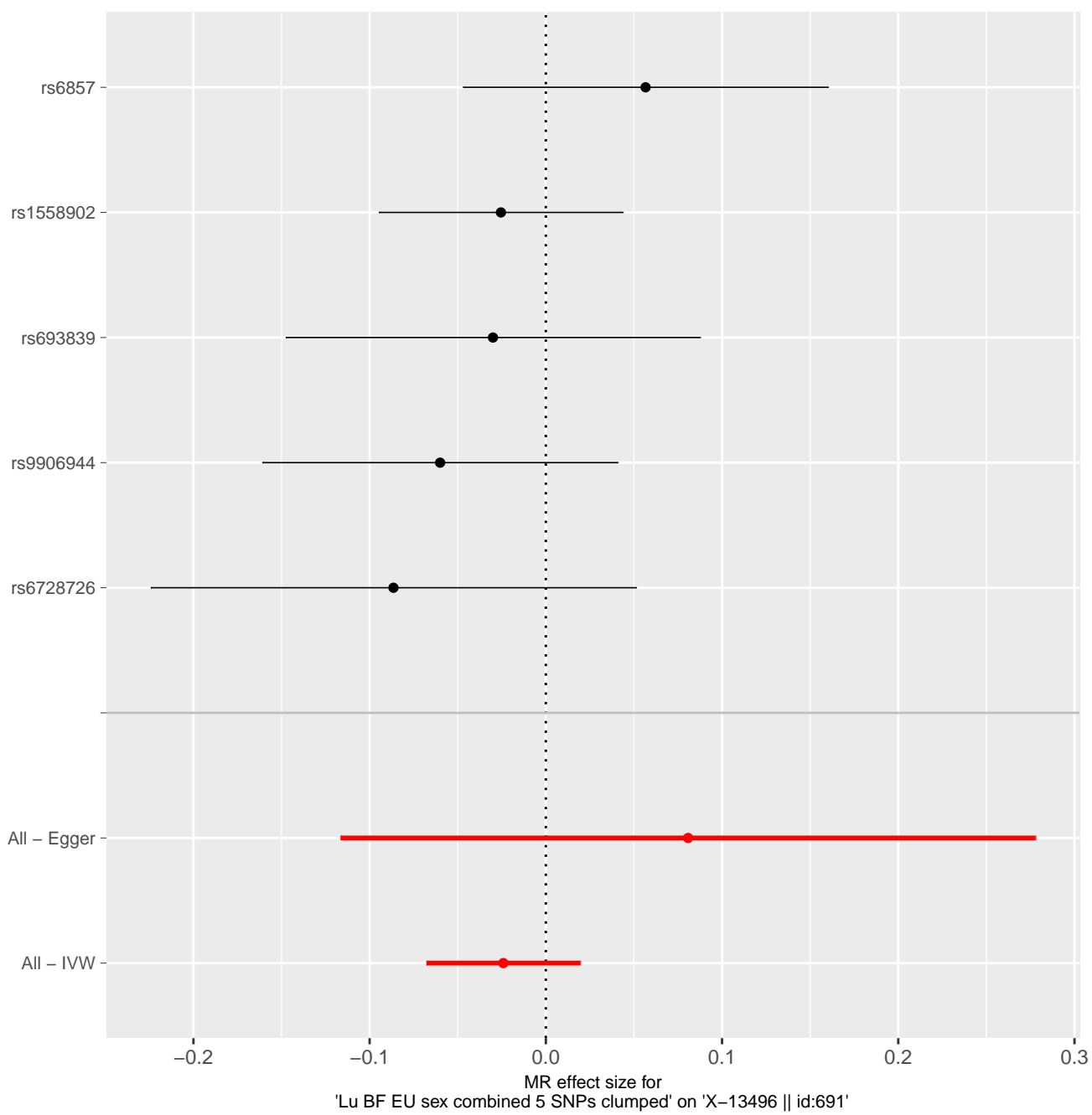


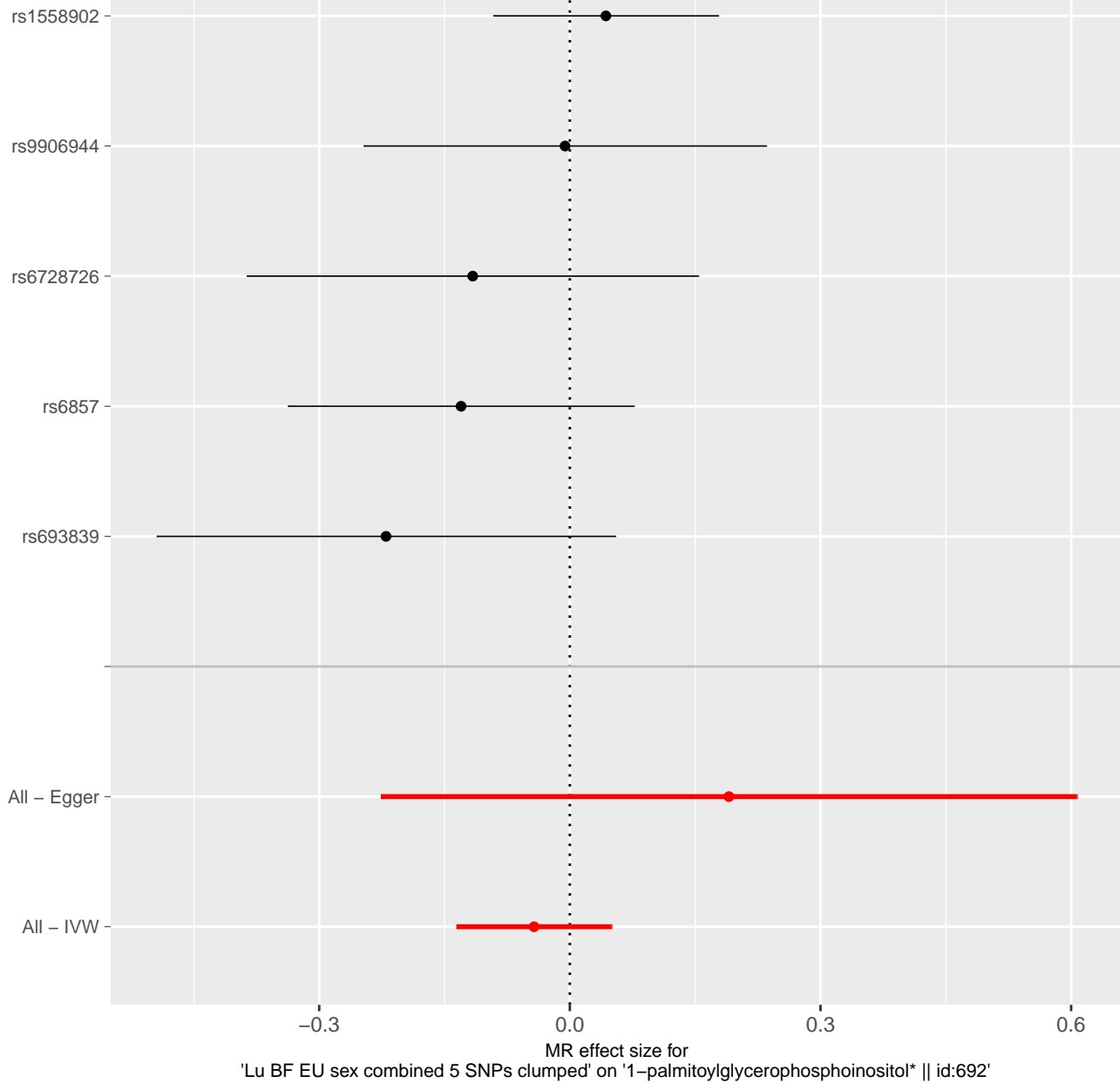


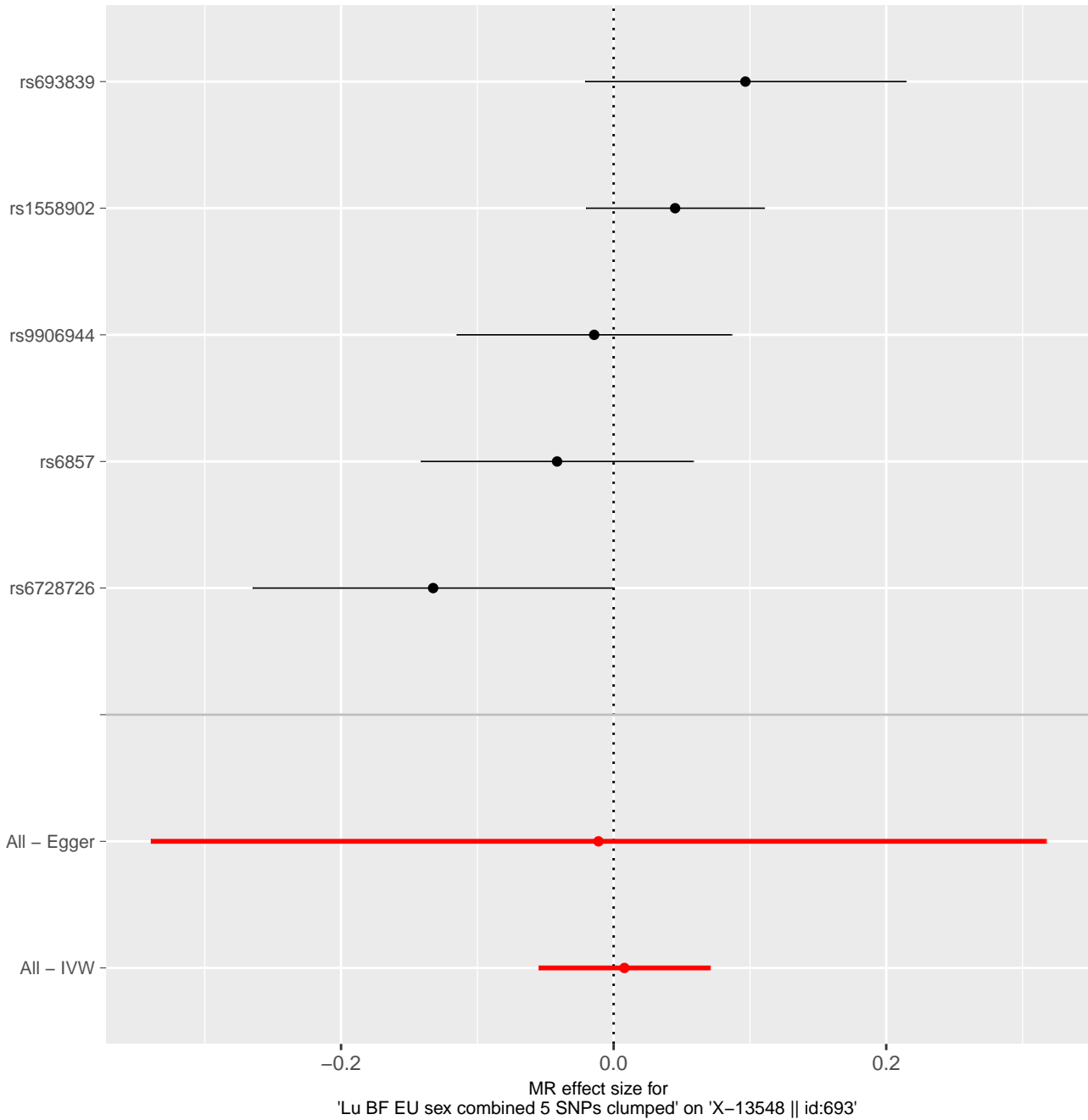


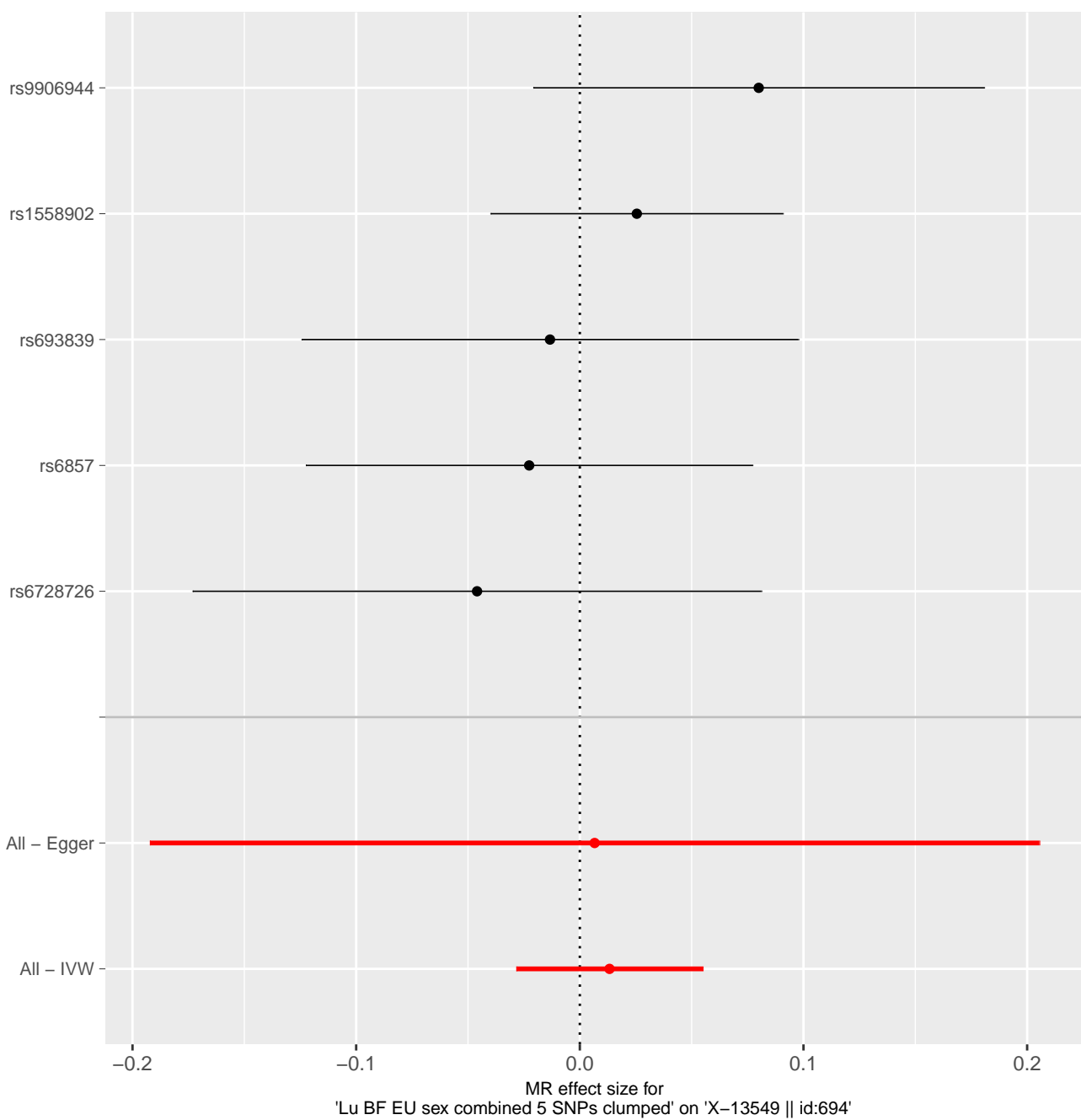


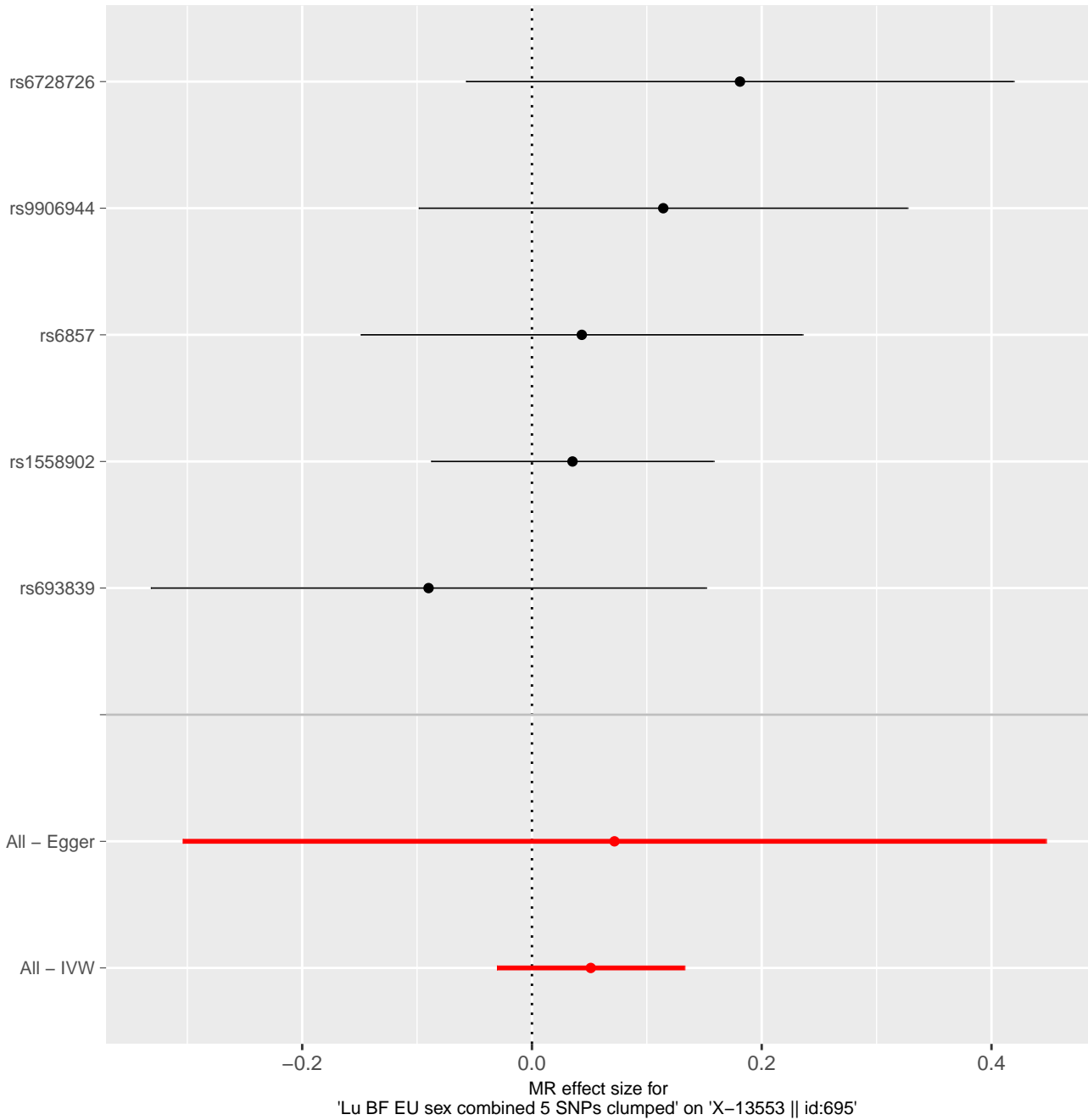












rs6728726

rs6857

rs9906944

rs1558902

rs693839

All – Egger

All – IVW

-0.1

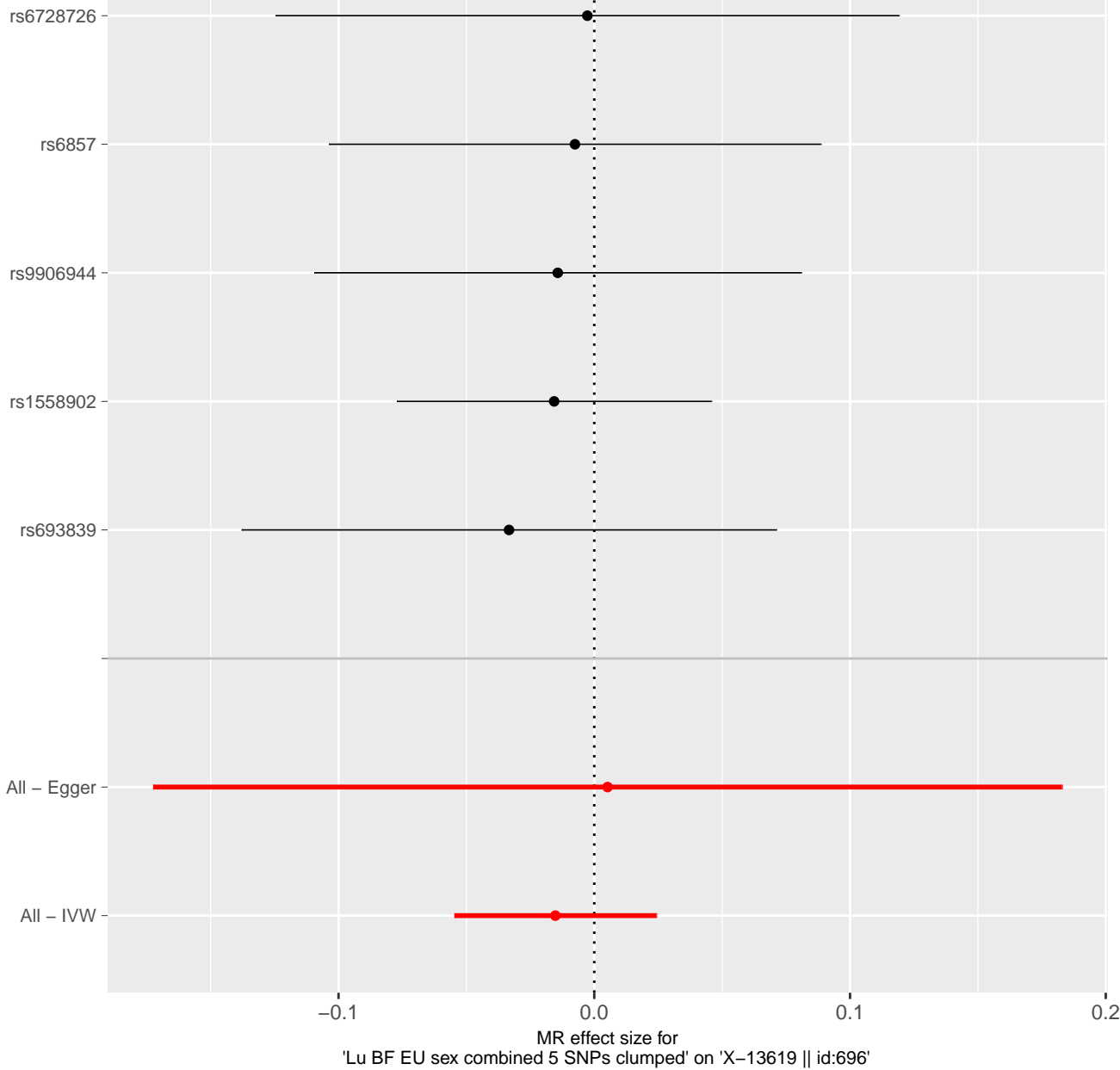
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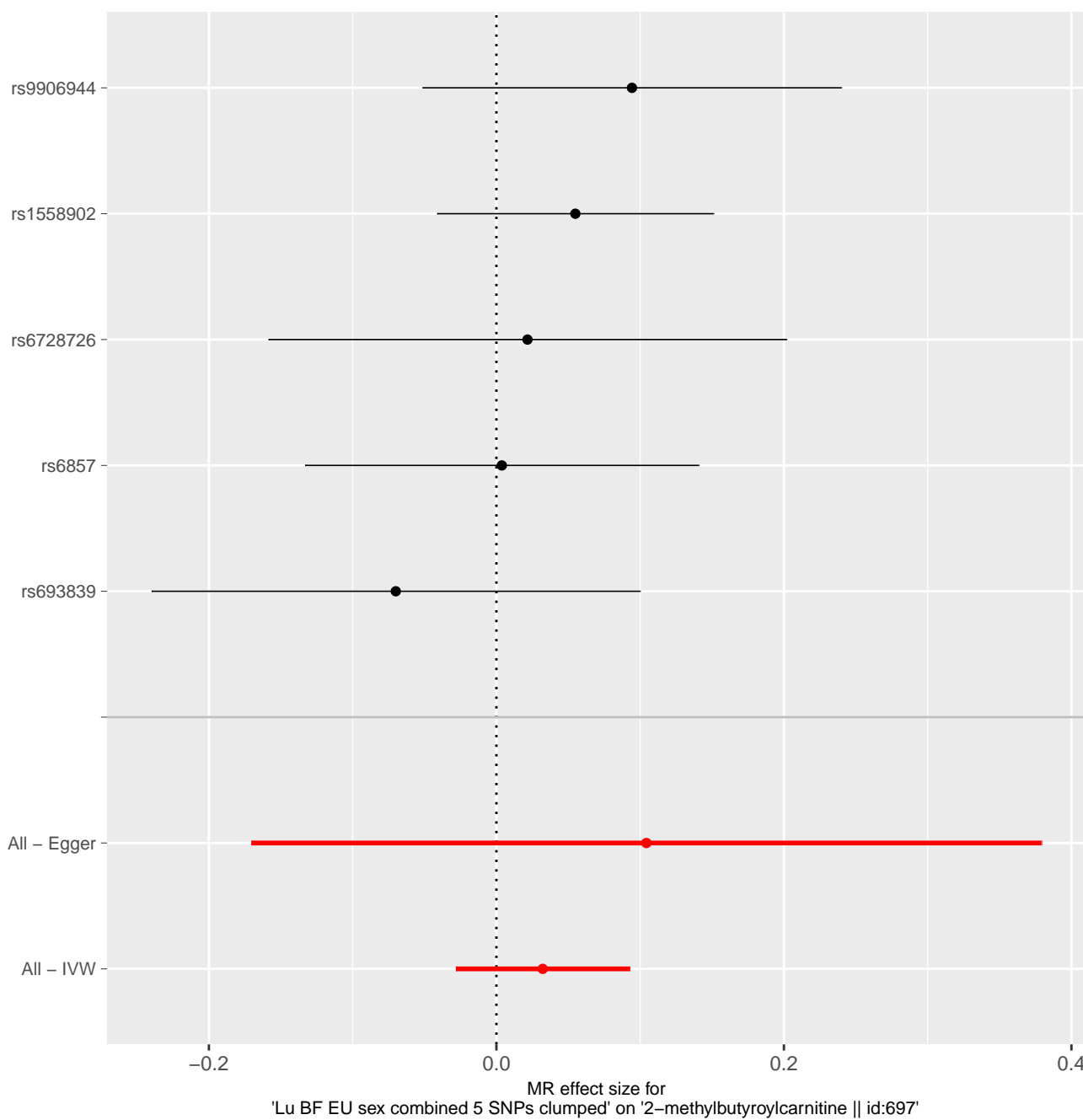
0.1

0.2

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'X-13619 || id:696'





rs6857

rs6728726

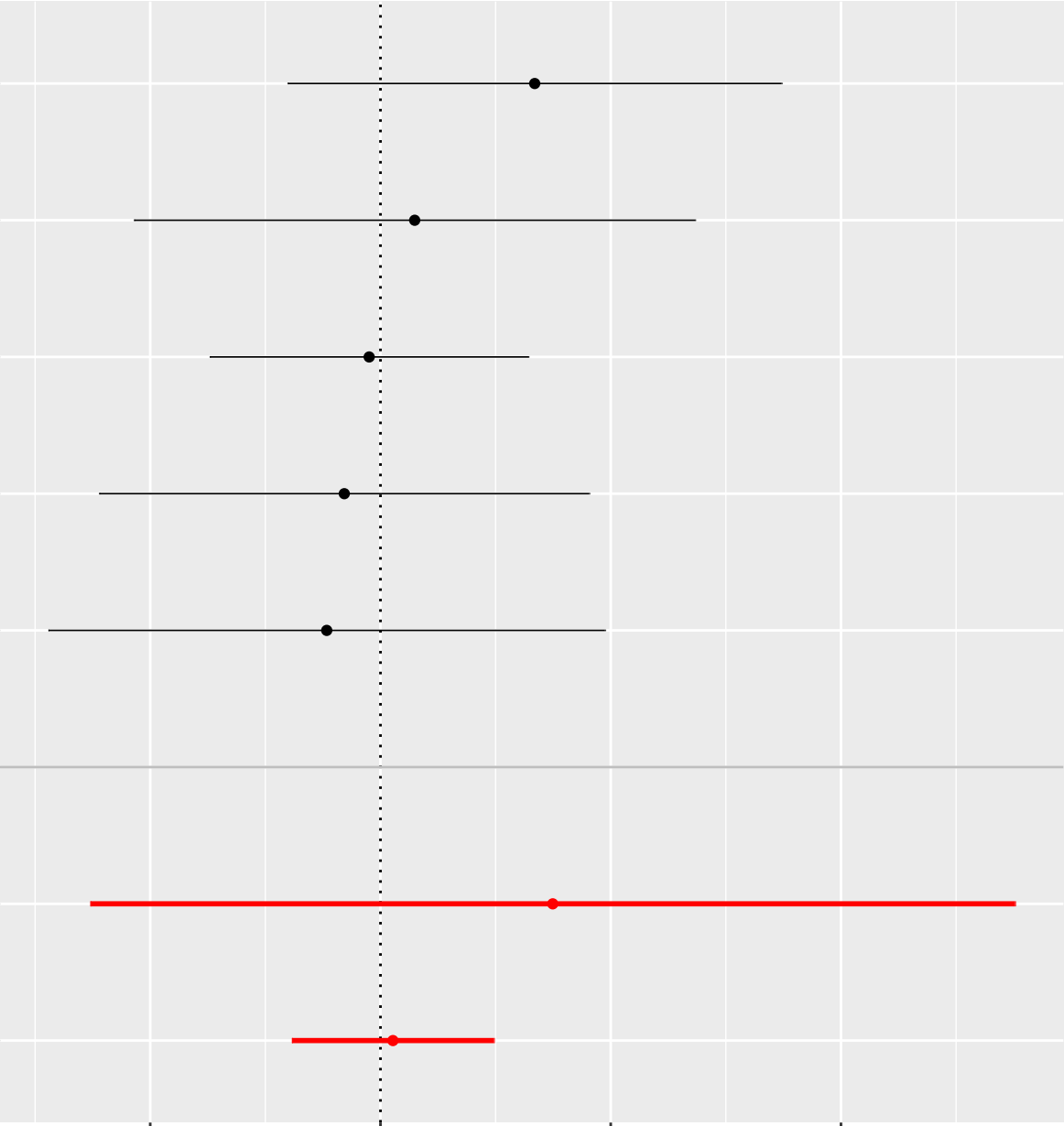
rs1558902

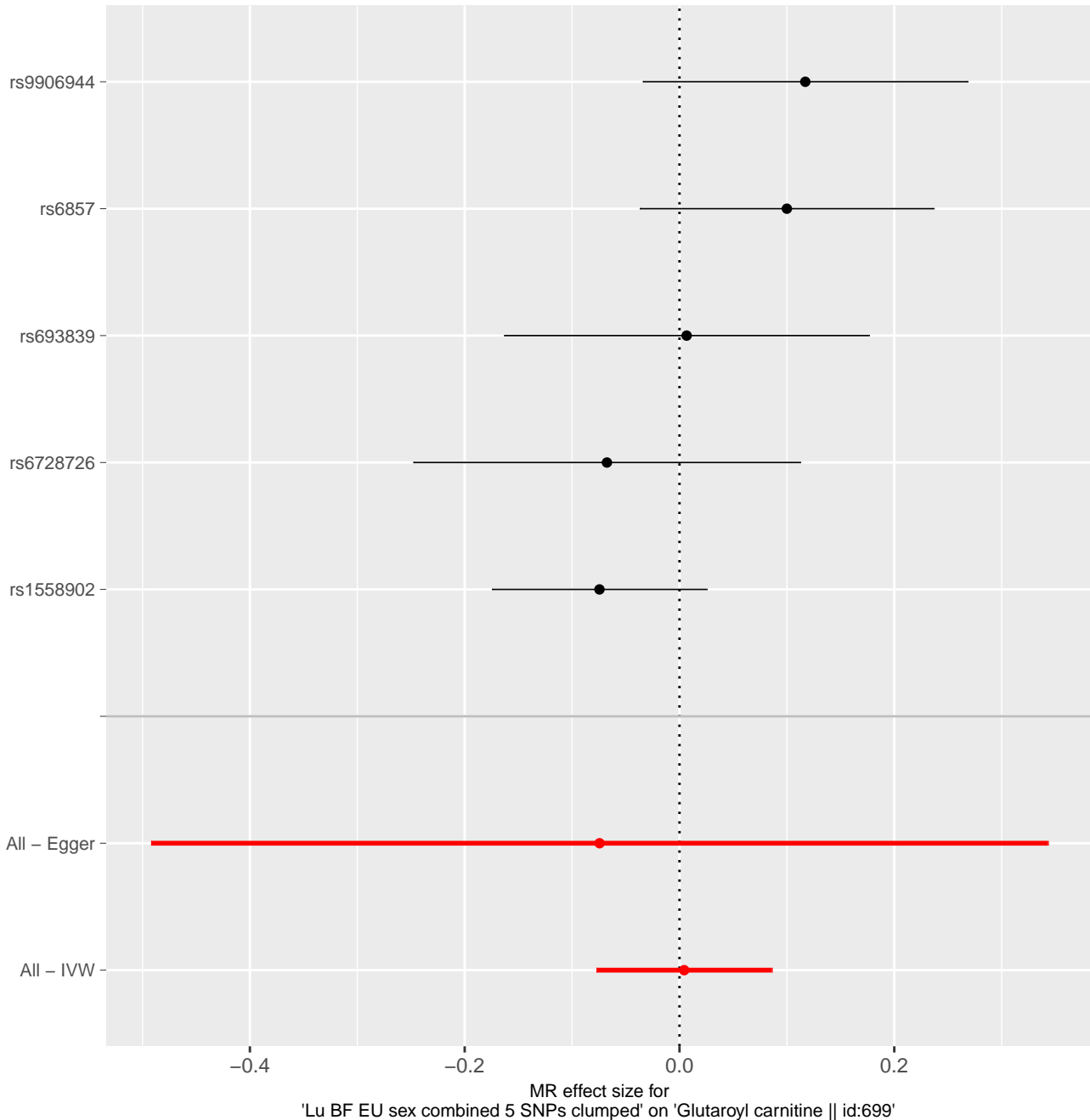
rs9906944

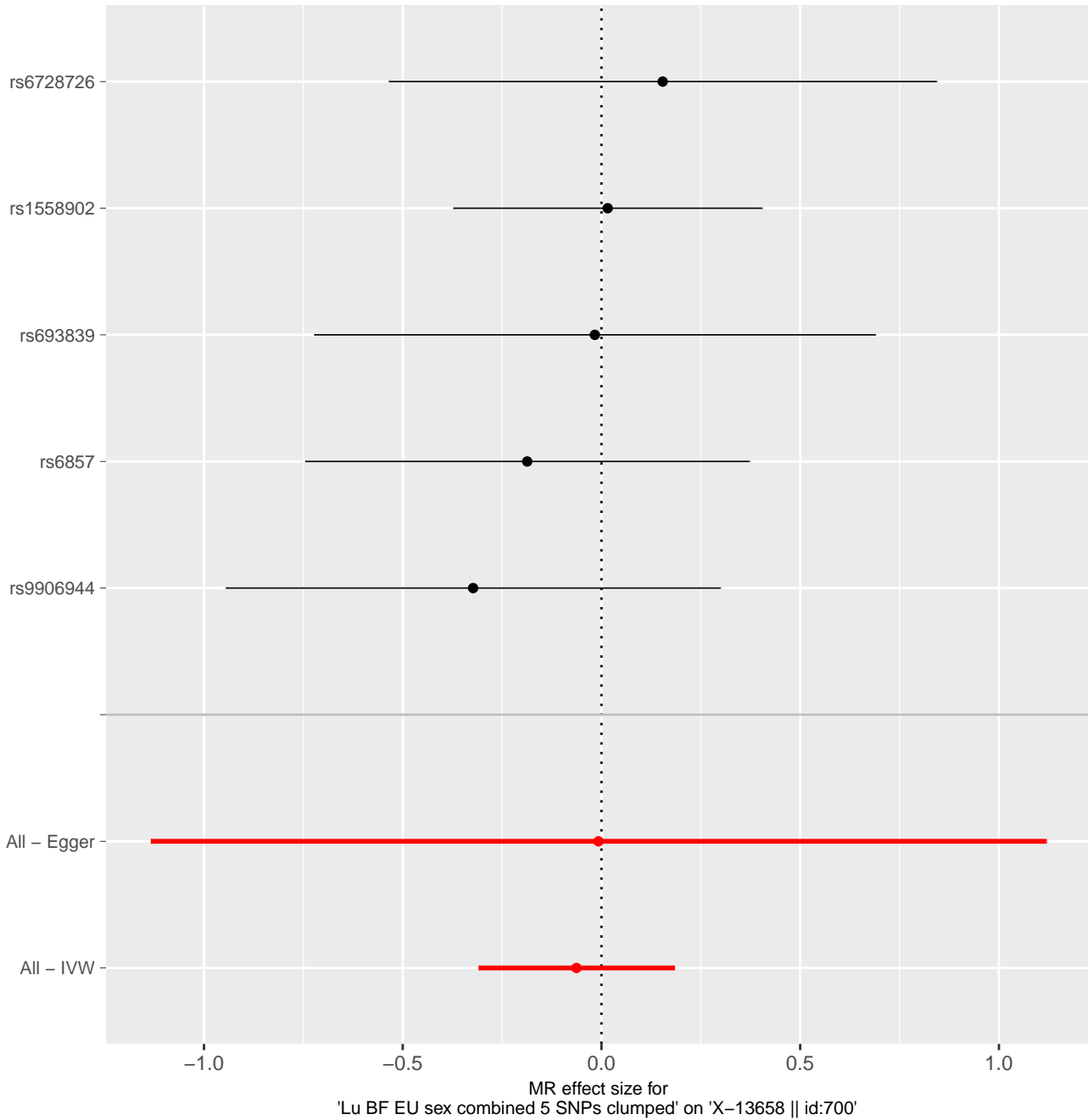
rs693839

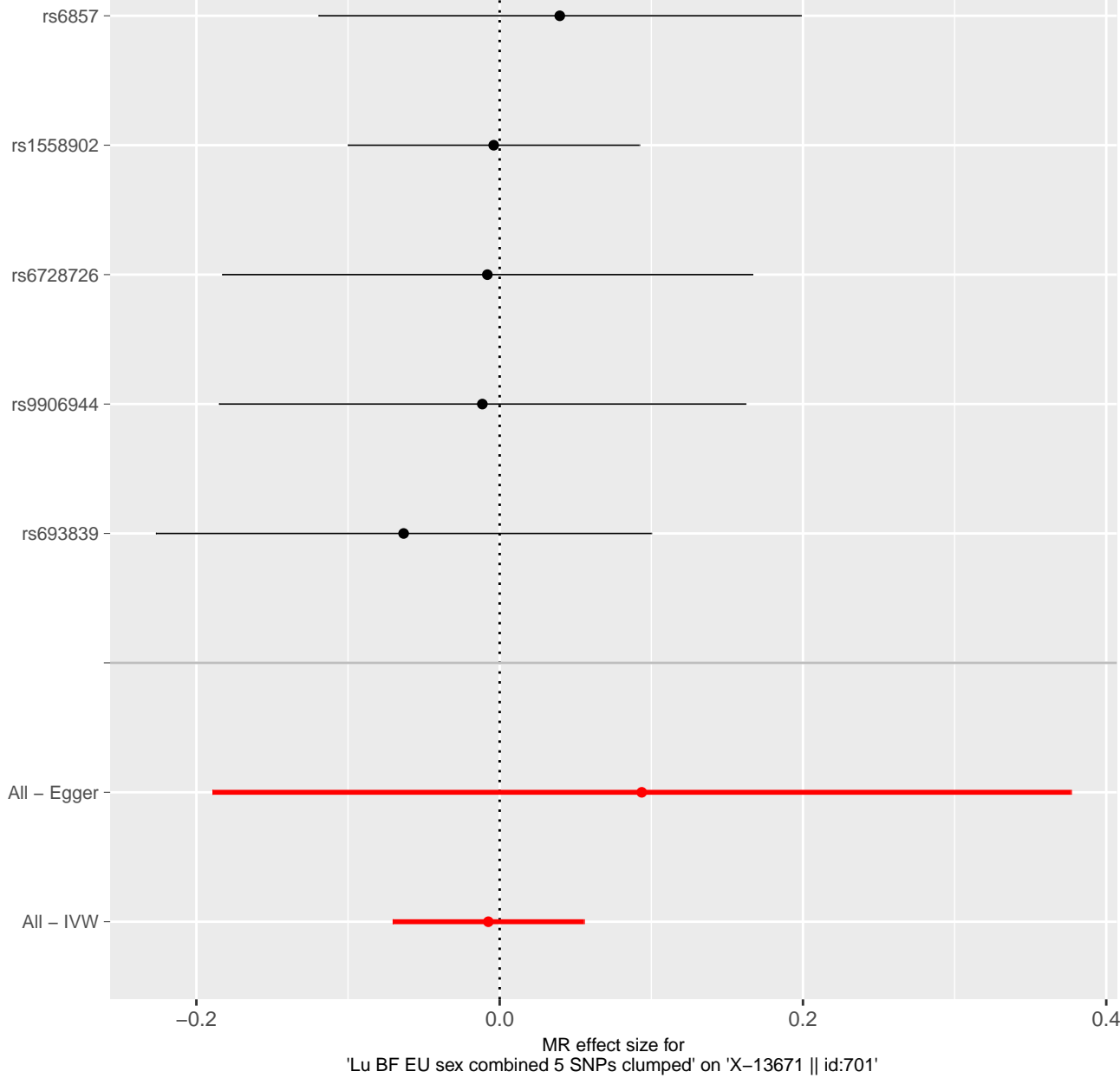
All – Egger

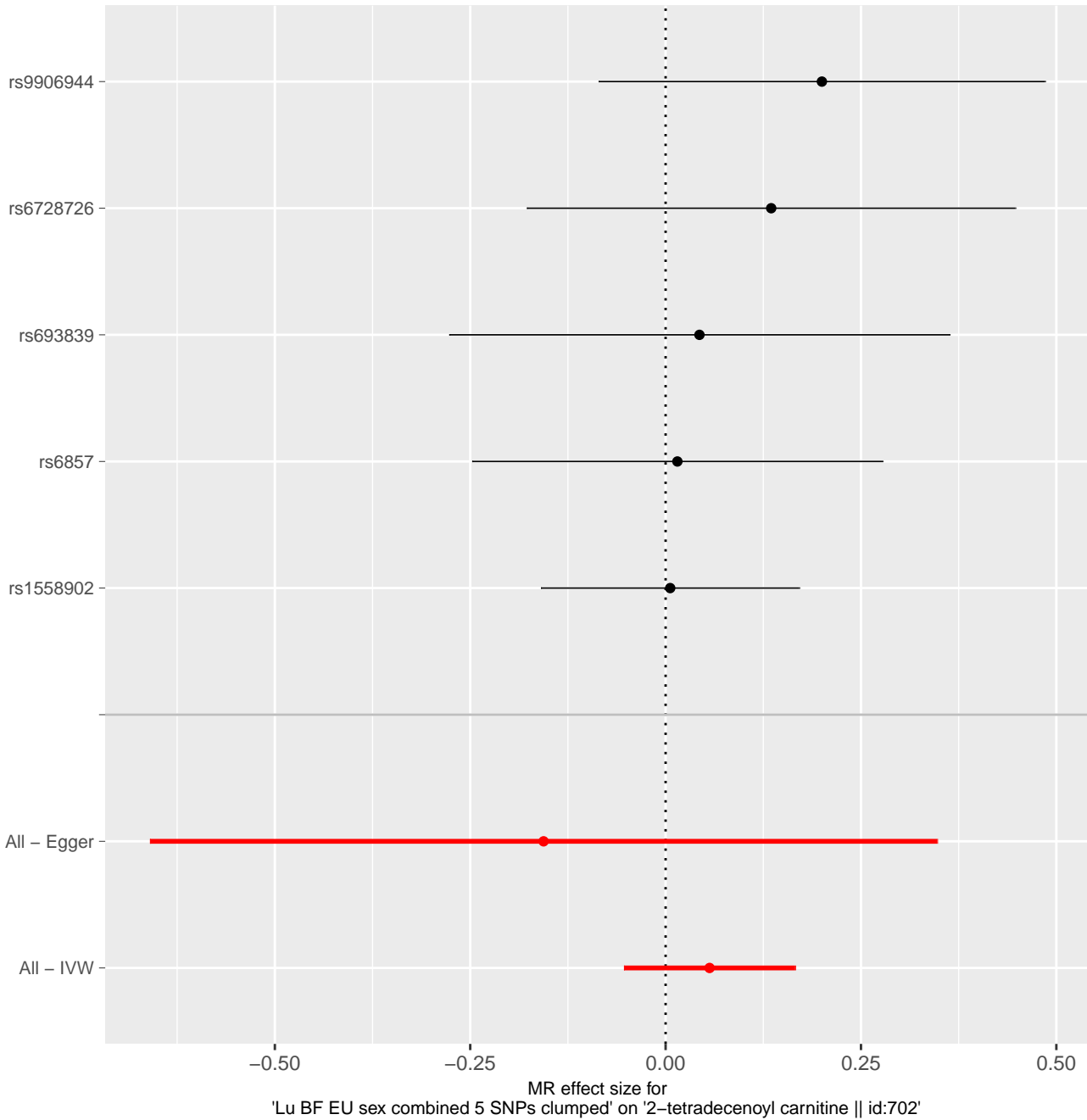
All – IVW

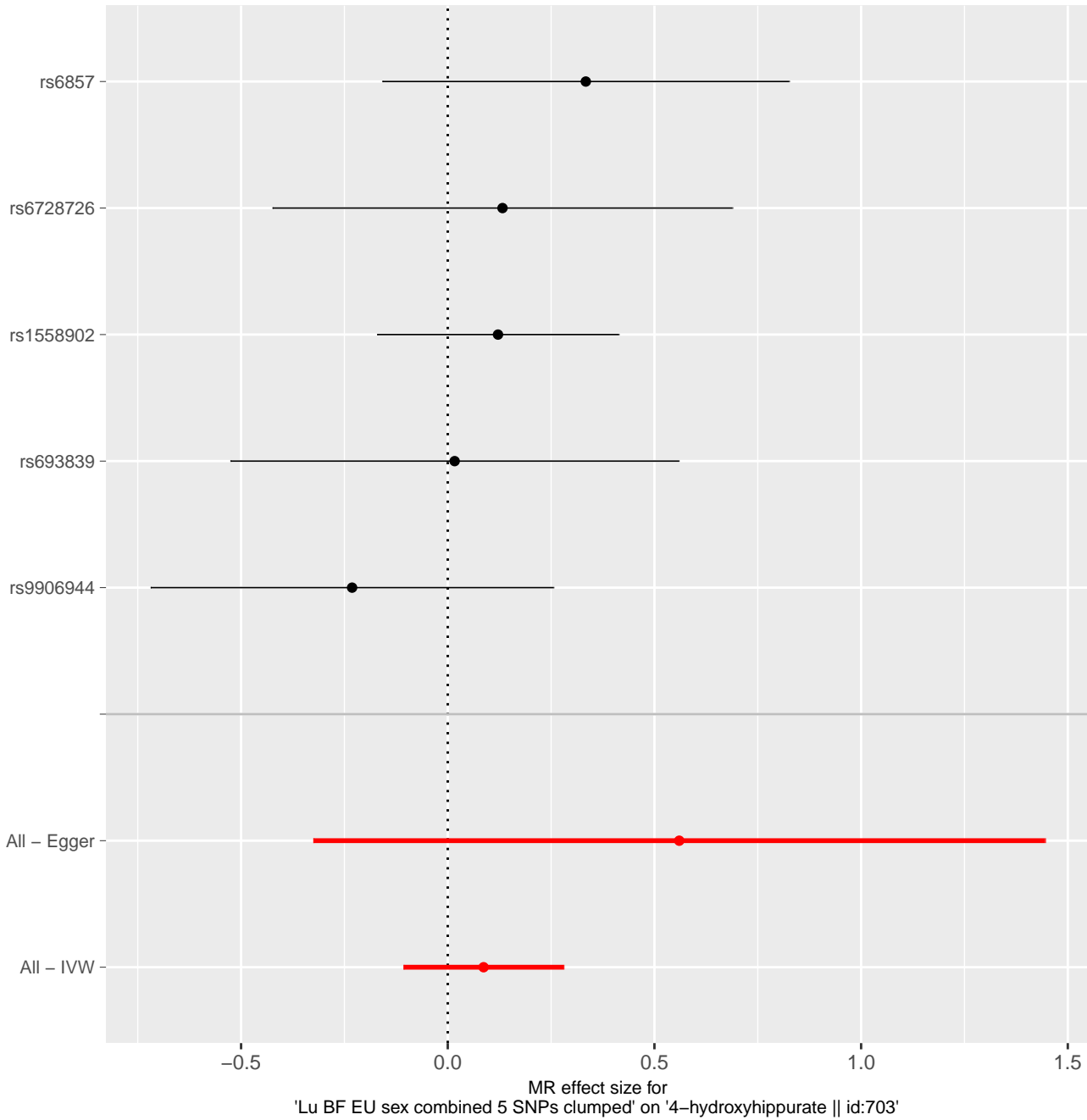


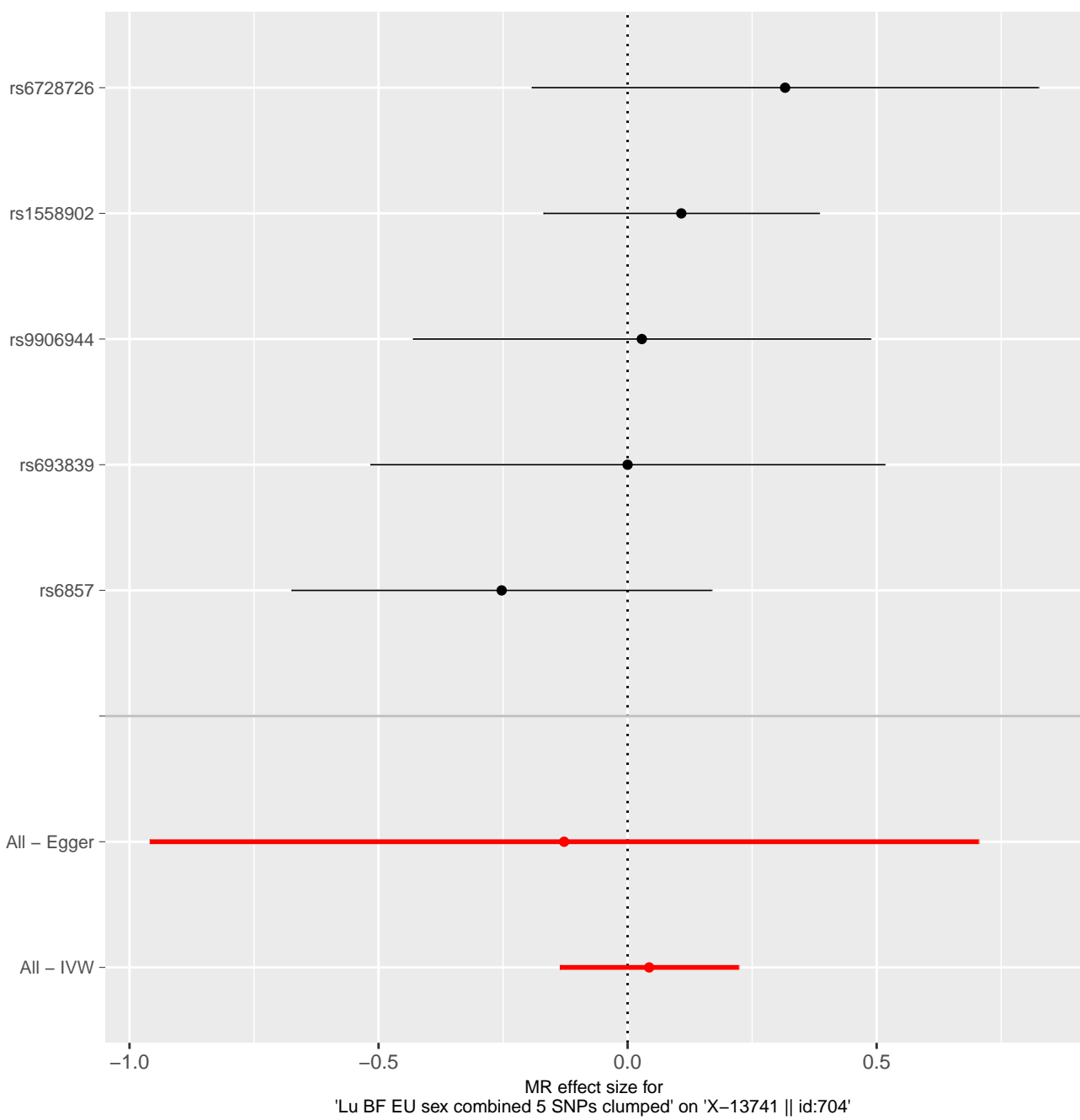


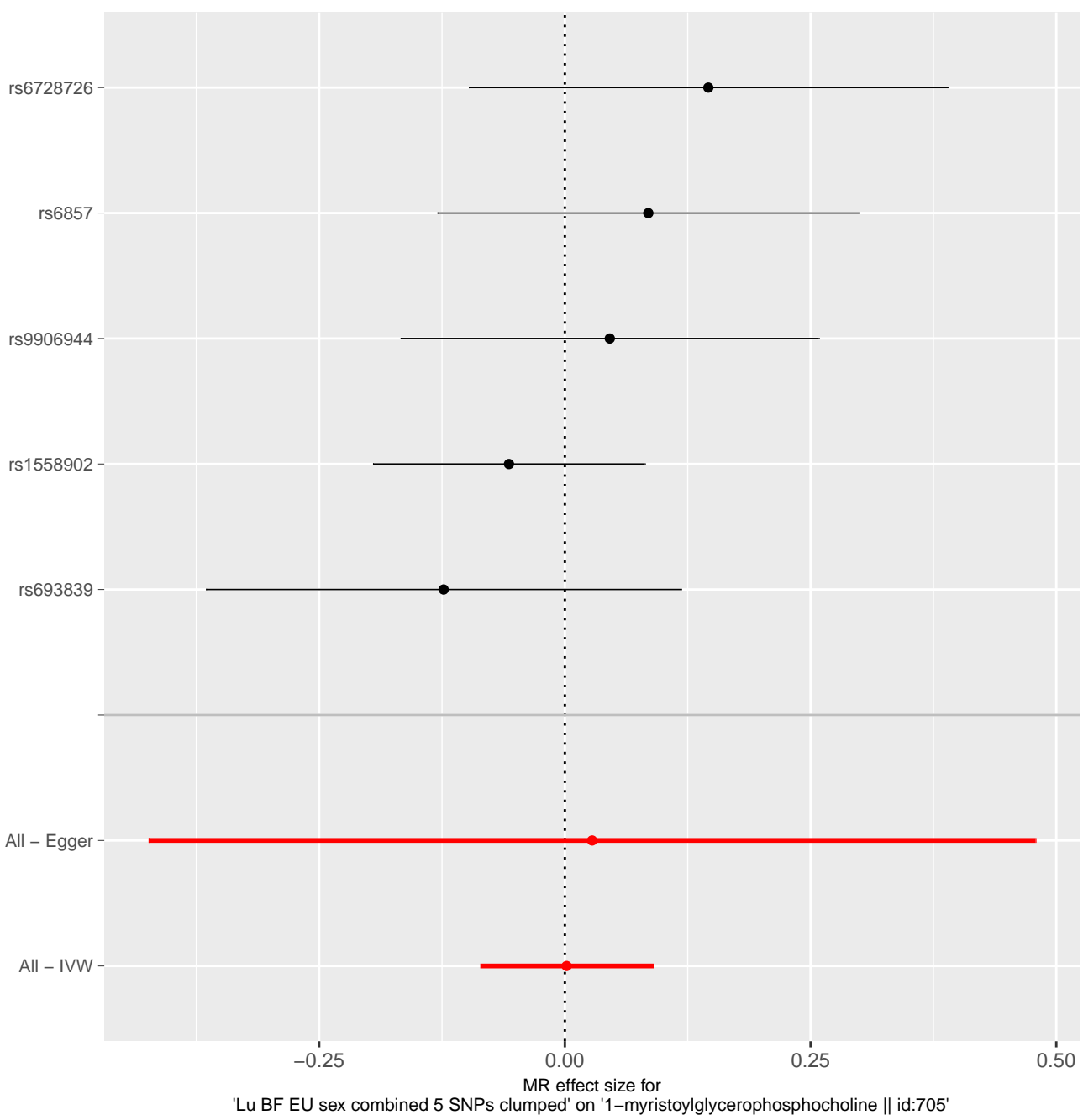


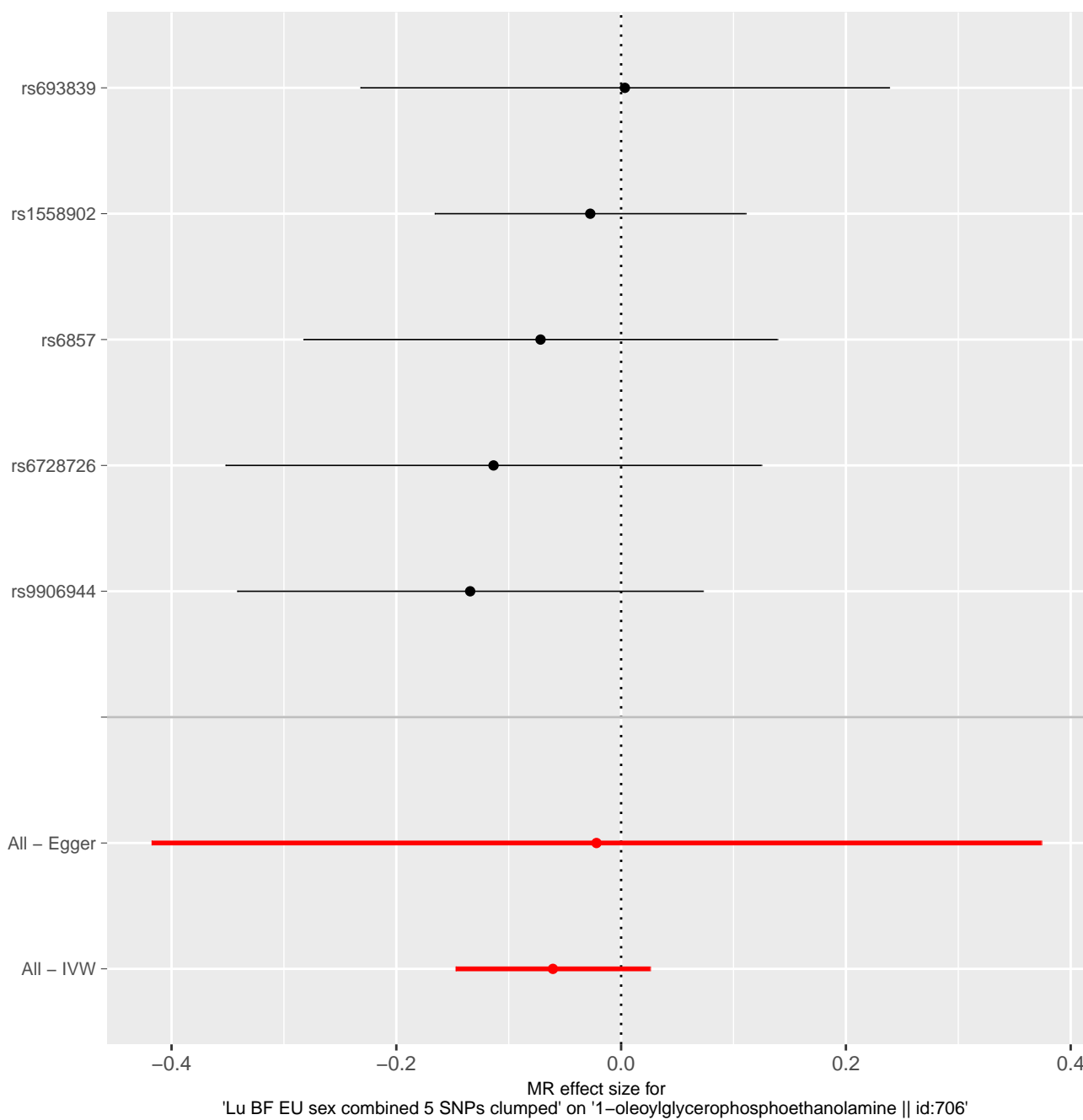


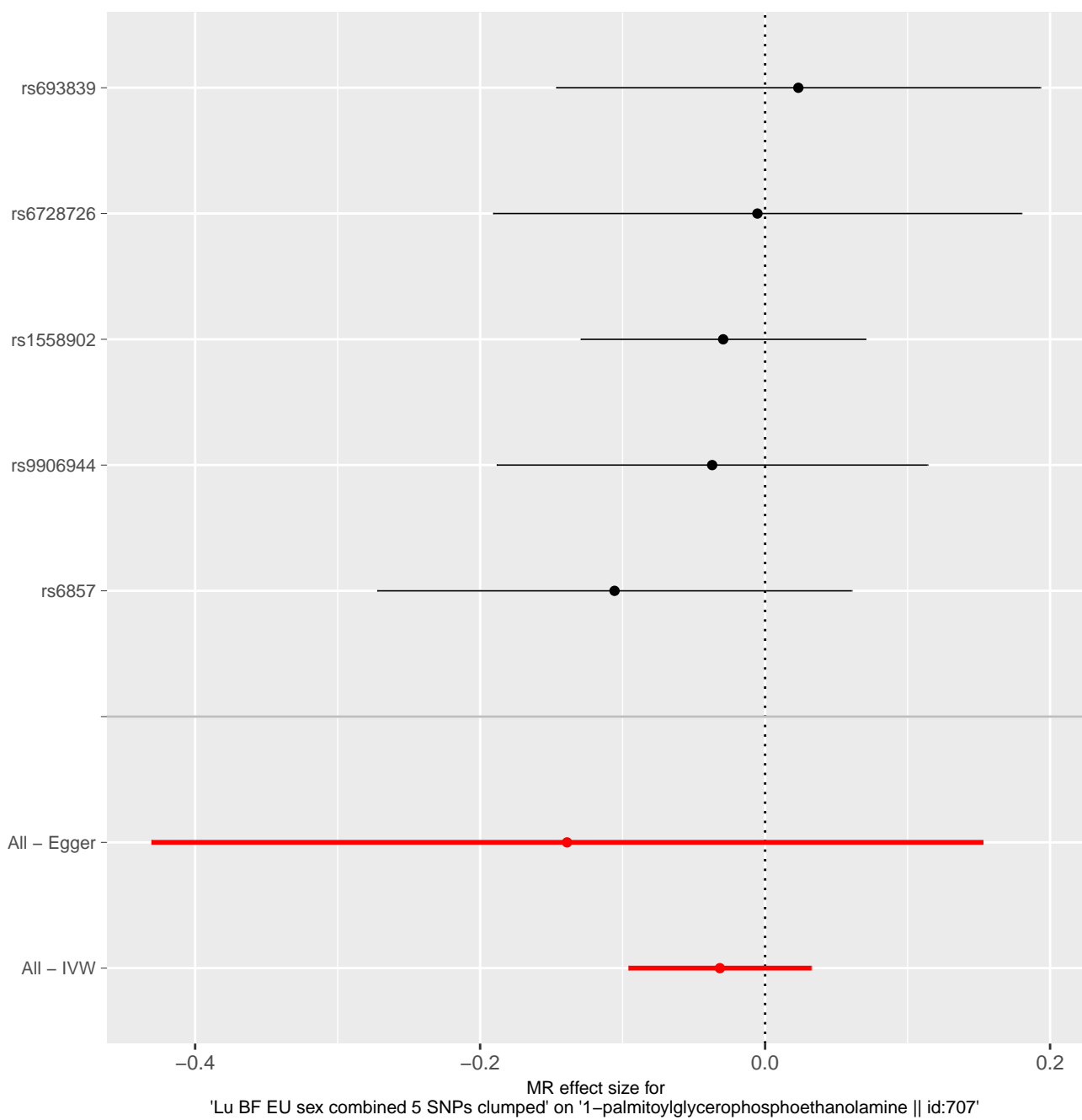


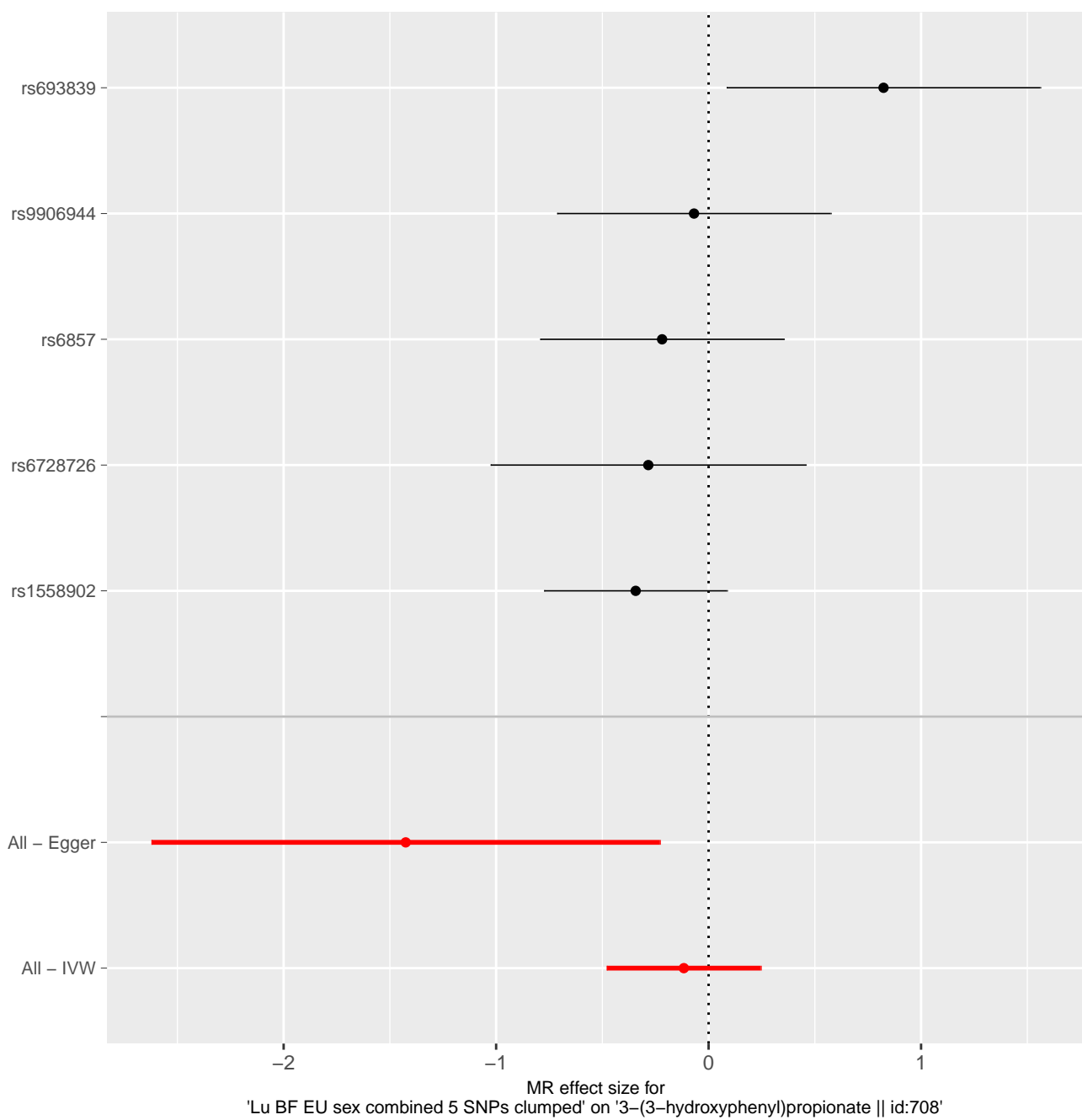


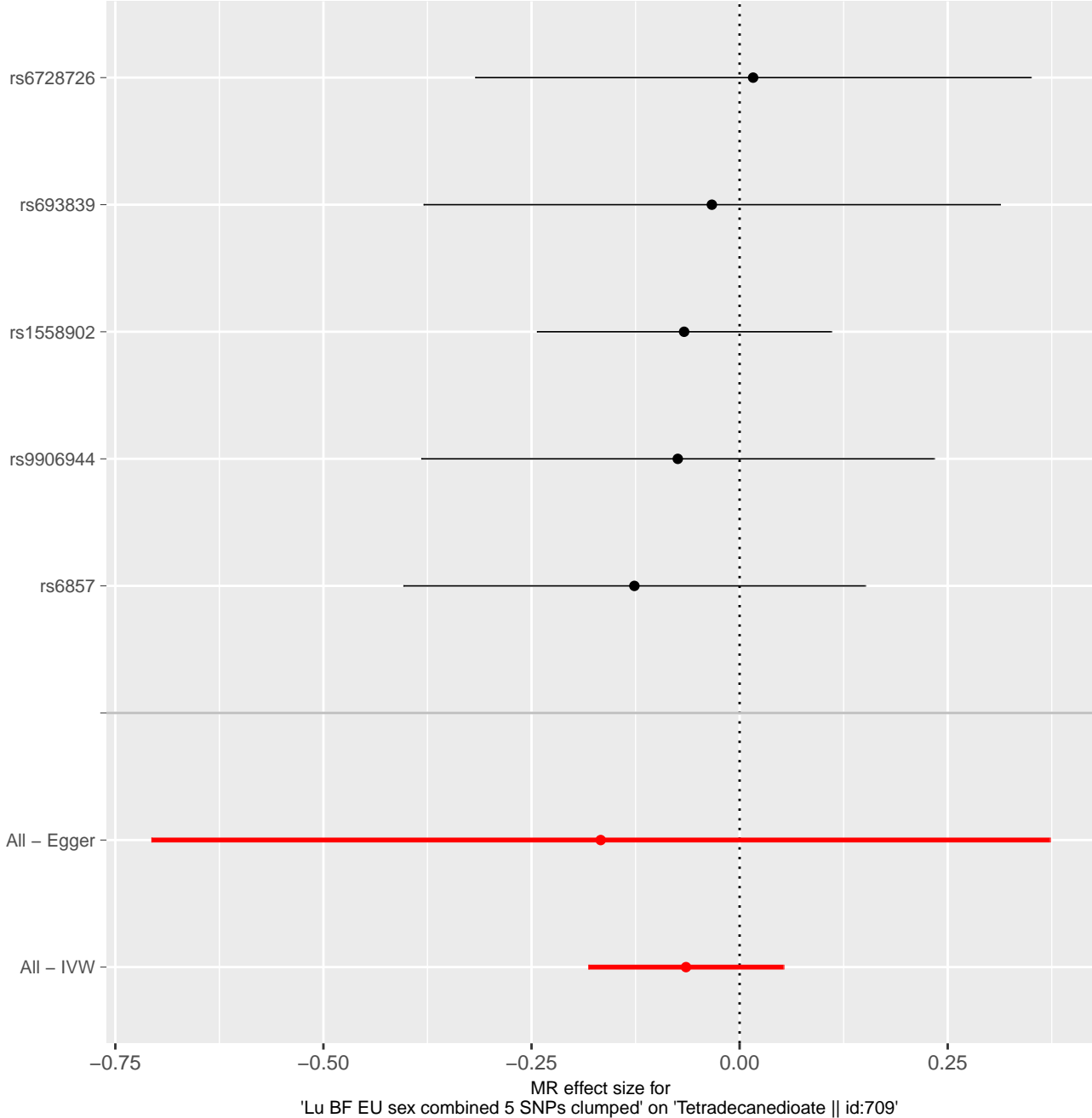












rs6857

rs693839

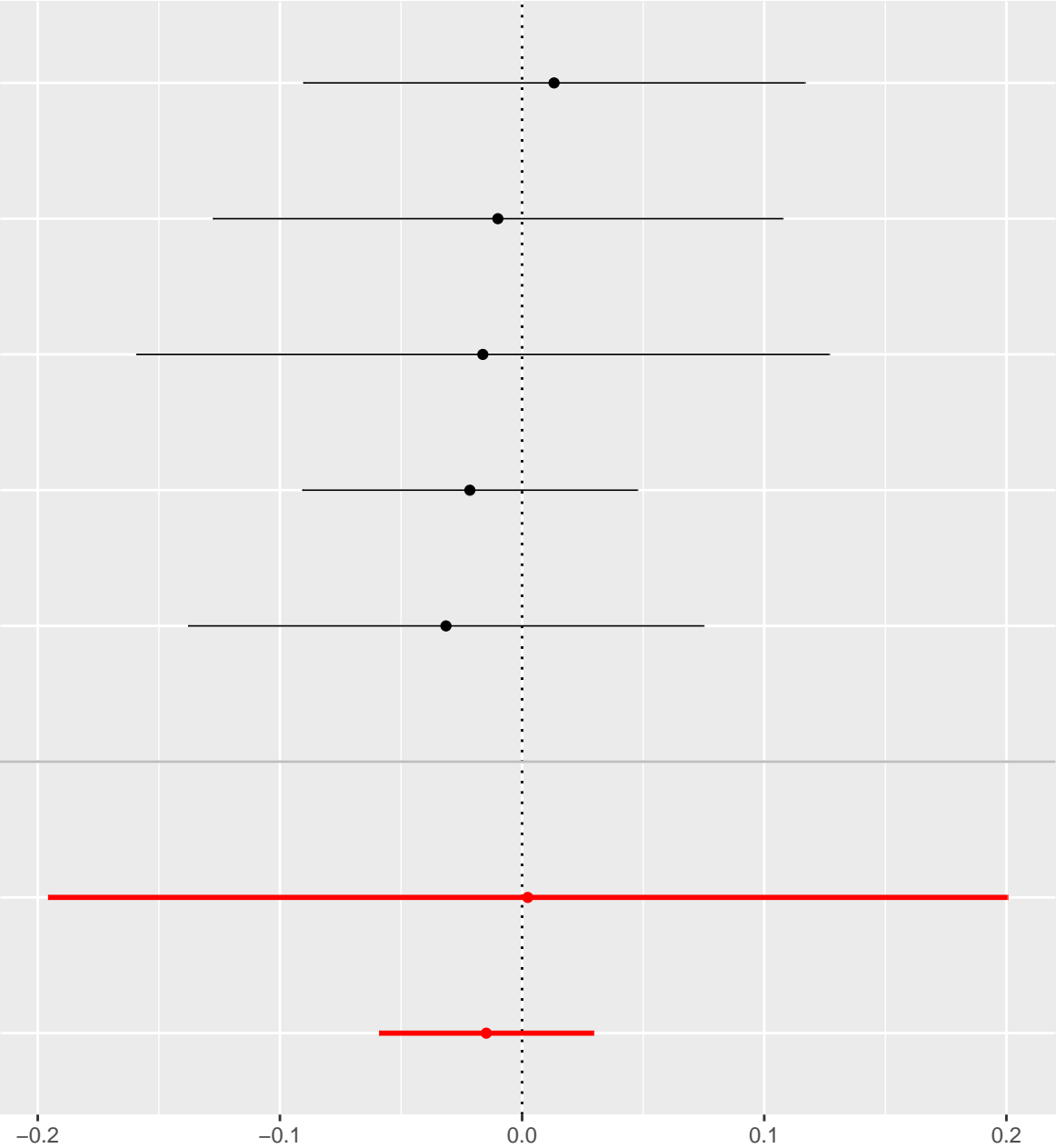
rs6728726

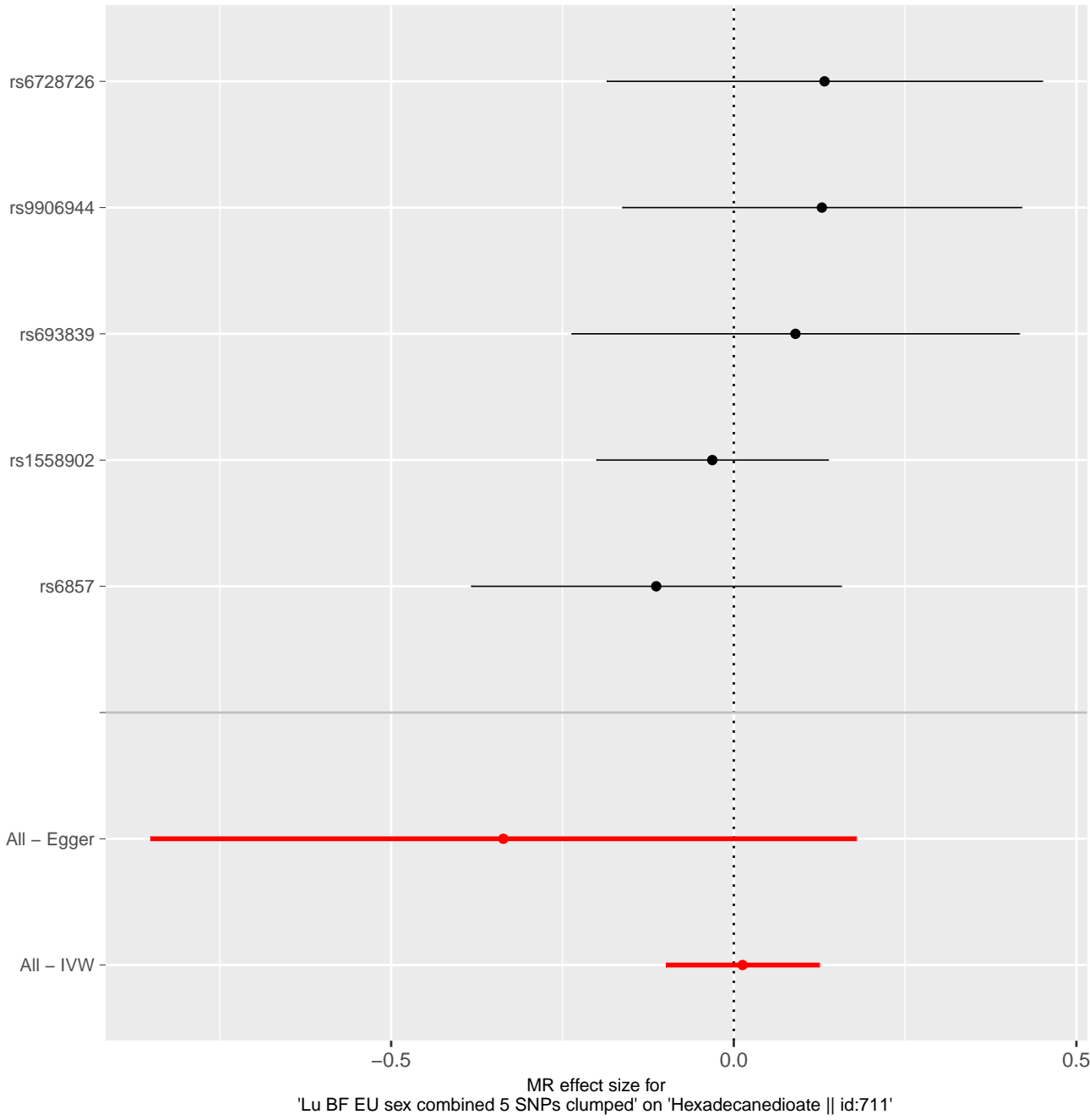
rs1558902

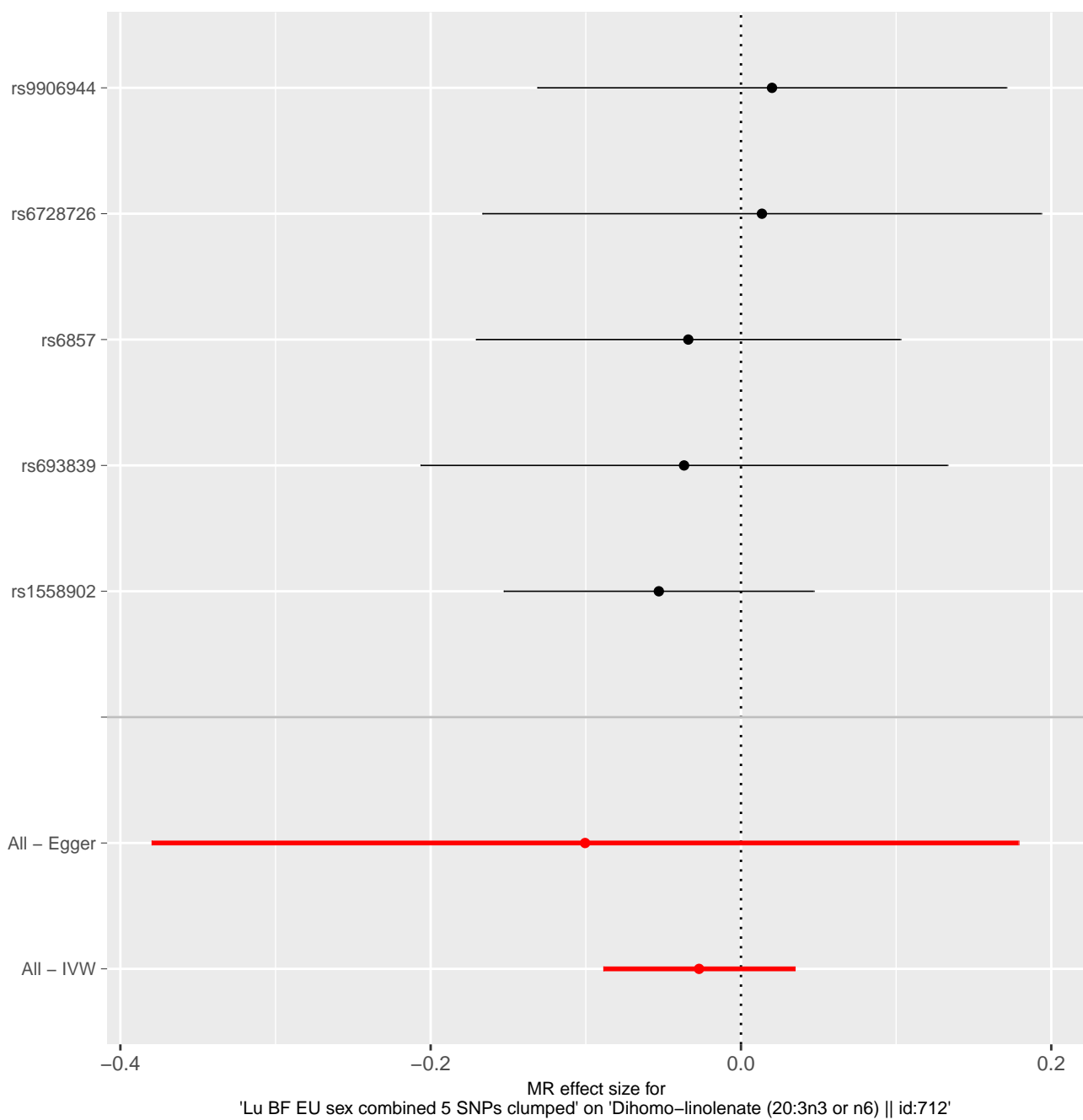
rs9906944

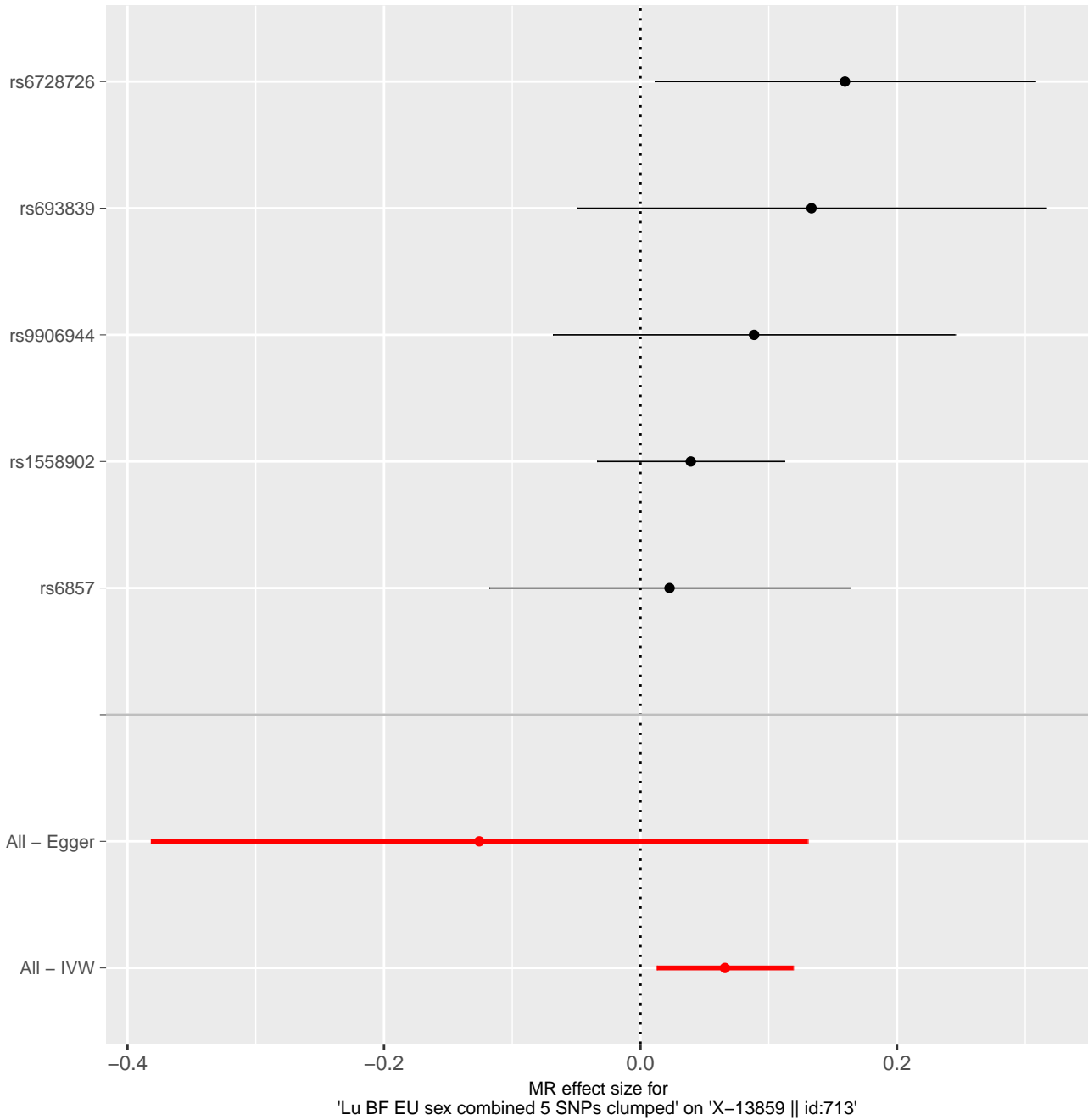
All – Egger

All – IVW









rs6857

rs6728726

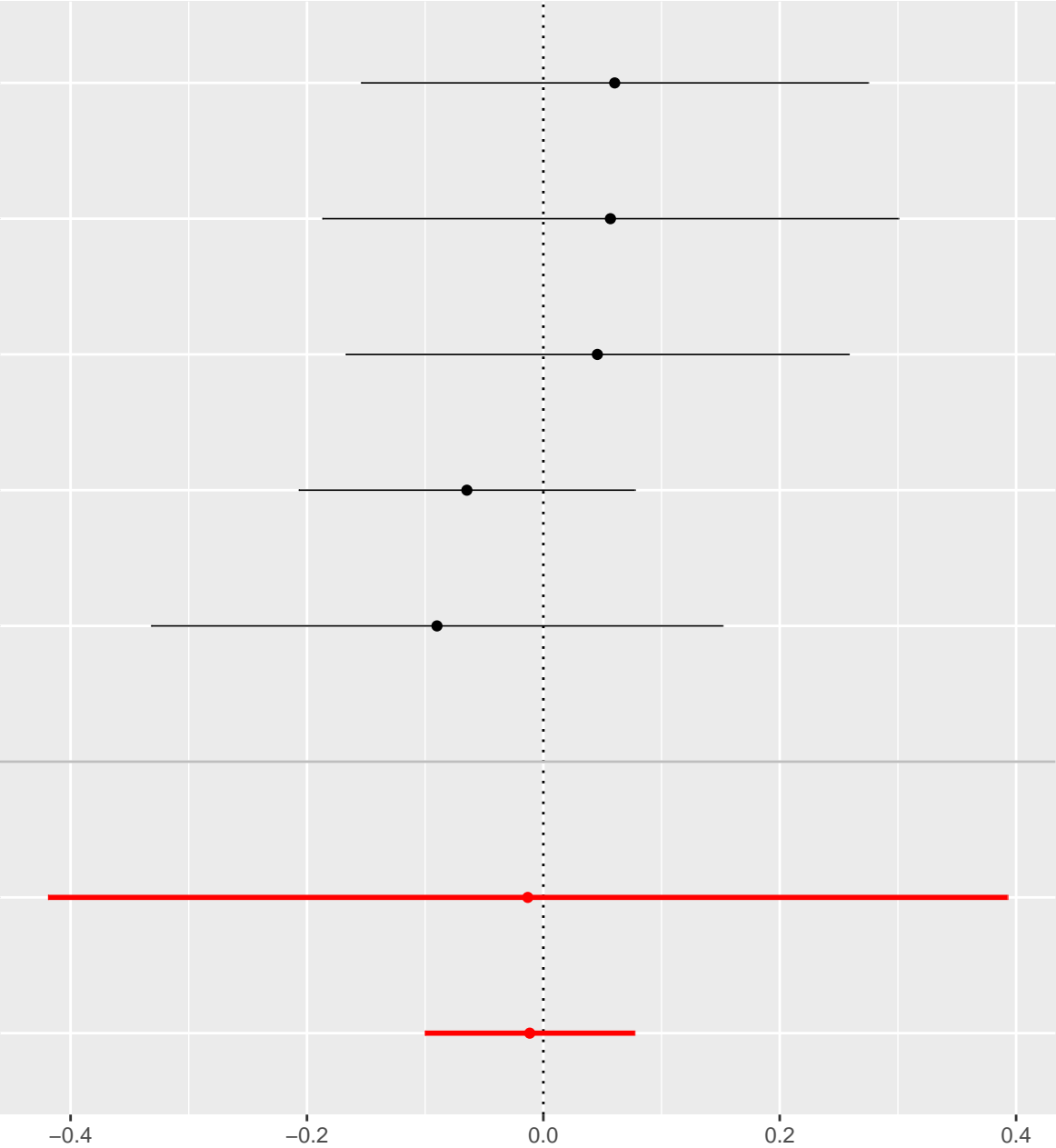
rs9906944

rs1558902

rs693839

All – Egger

All – IVW



rs1558902

rs9906944

rs6857

rs693839

rs6728726

All – Egger

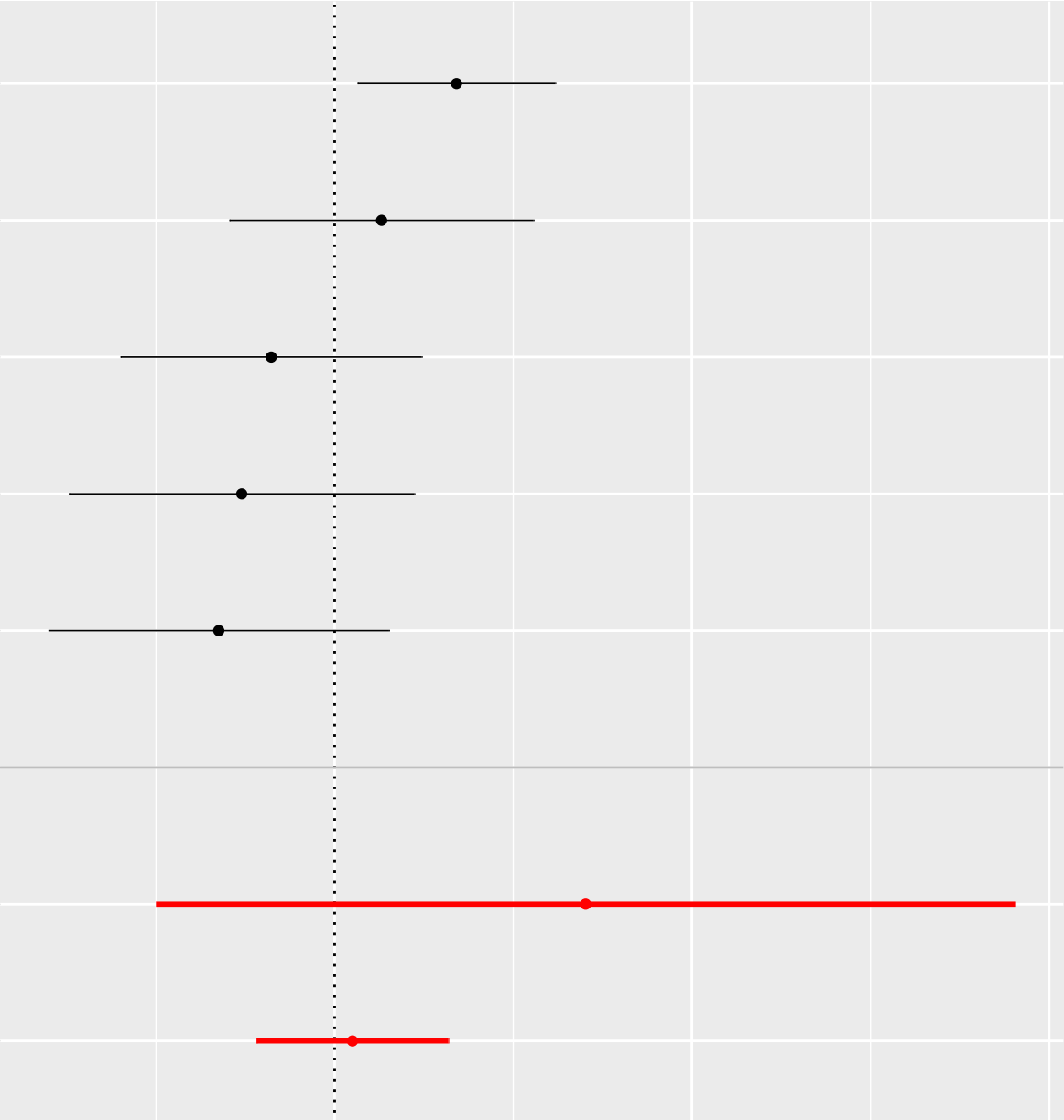
All – IVW

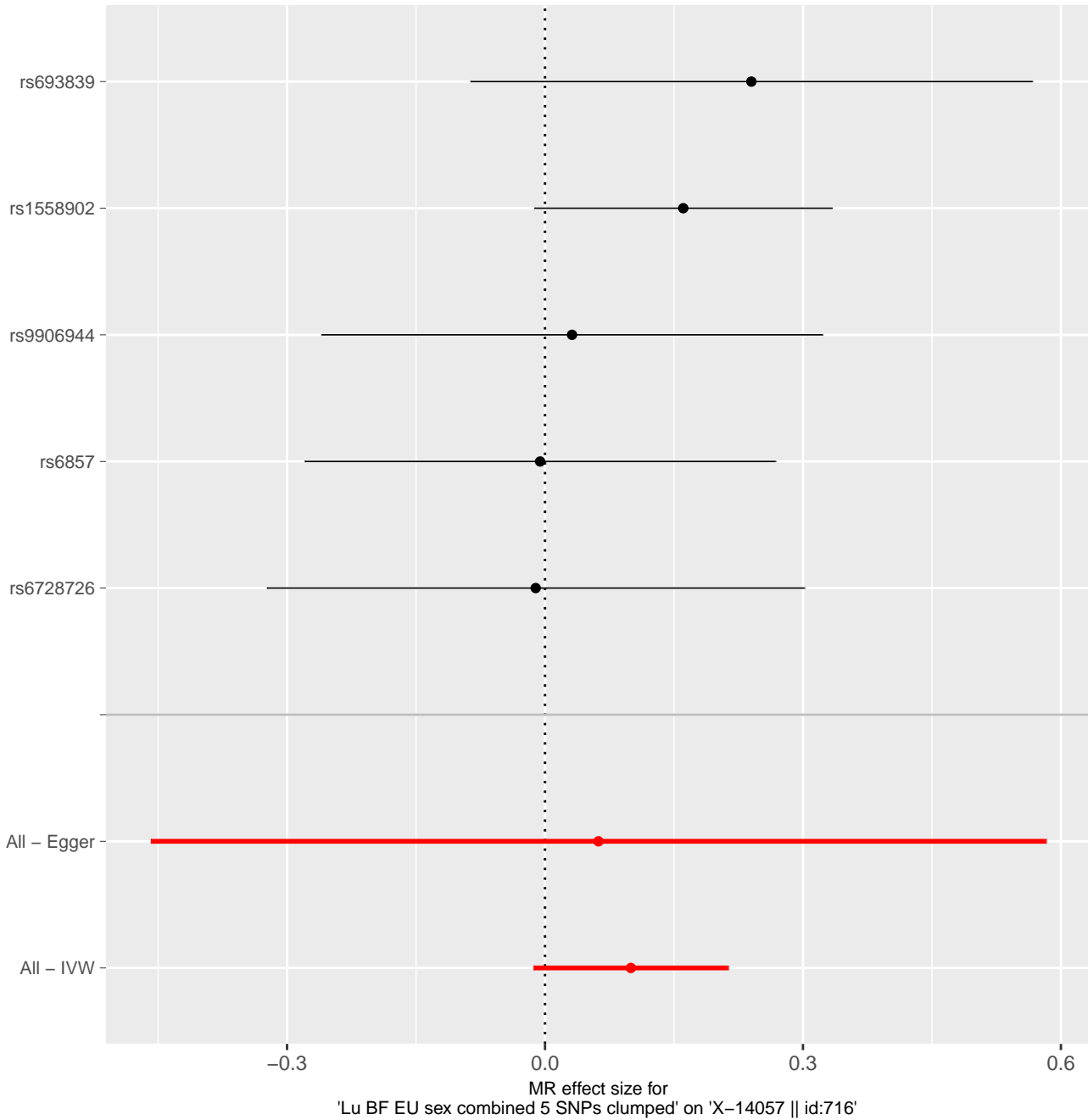
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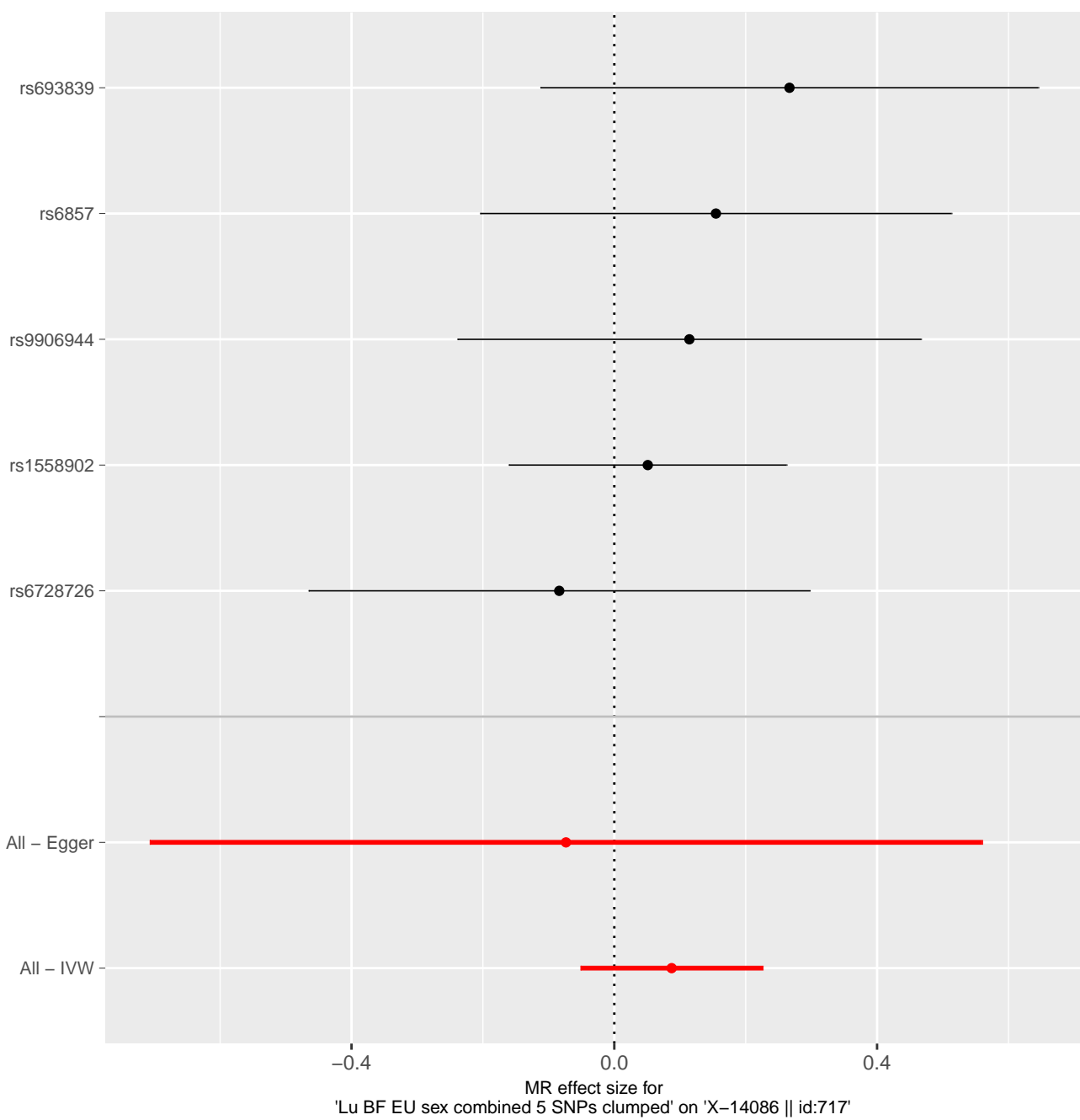
0.5

1.0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14056 || id:715'







rs9906944

rs1558902

rs6857

rs693839

rs6728726

All – Egger

All – IVW

-0.5

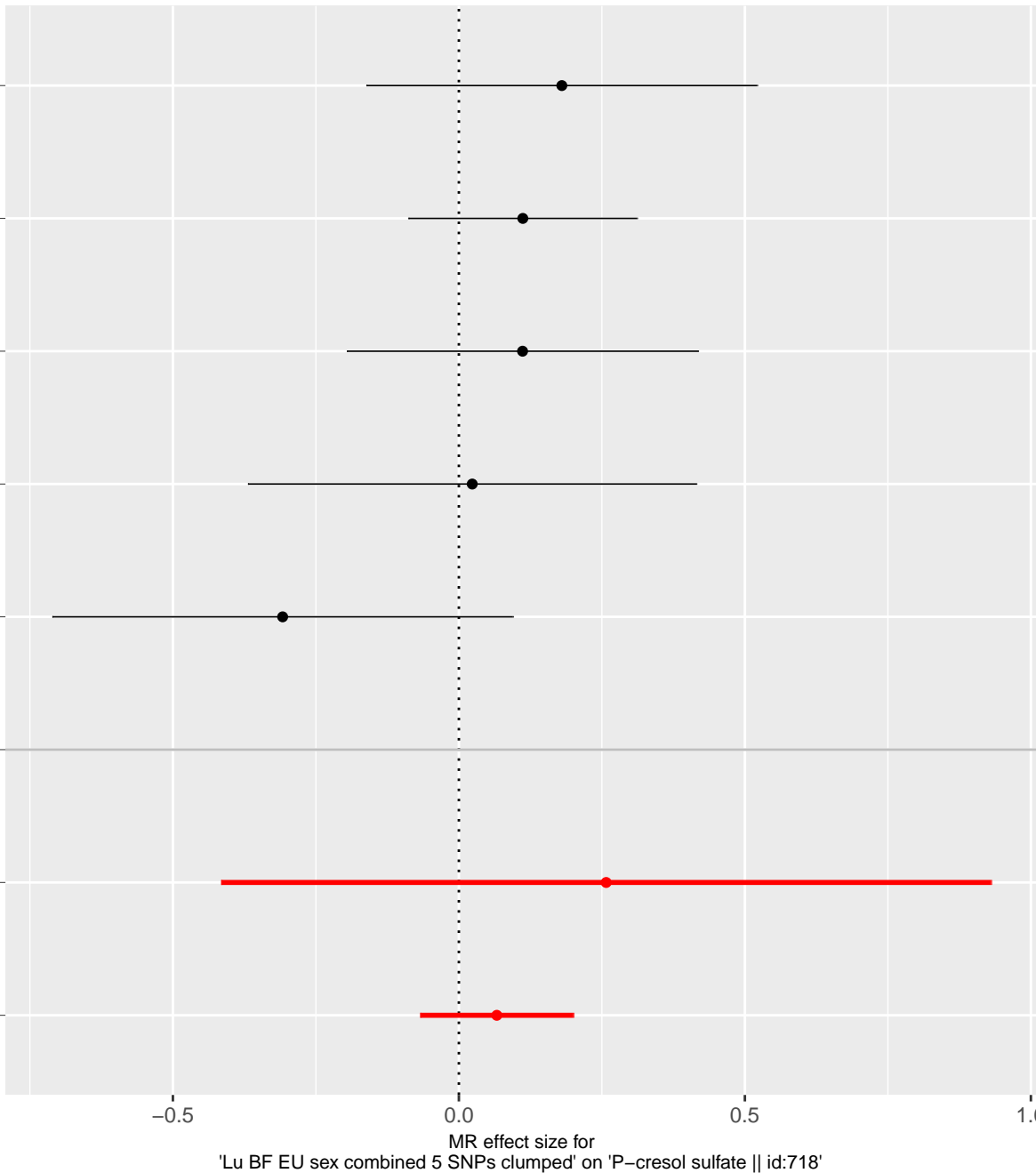
0.0

0.5

1.0

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'P-cresol sulfate || id:718'



rs9906944

rs6857

rs1558902

rs693839

rs6728726

All – Egger

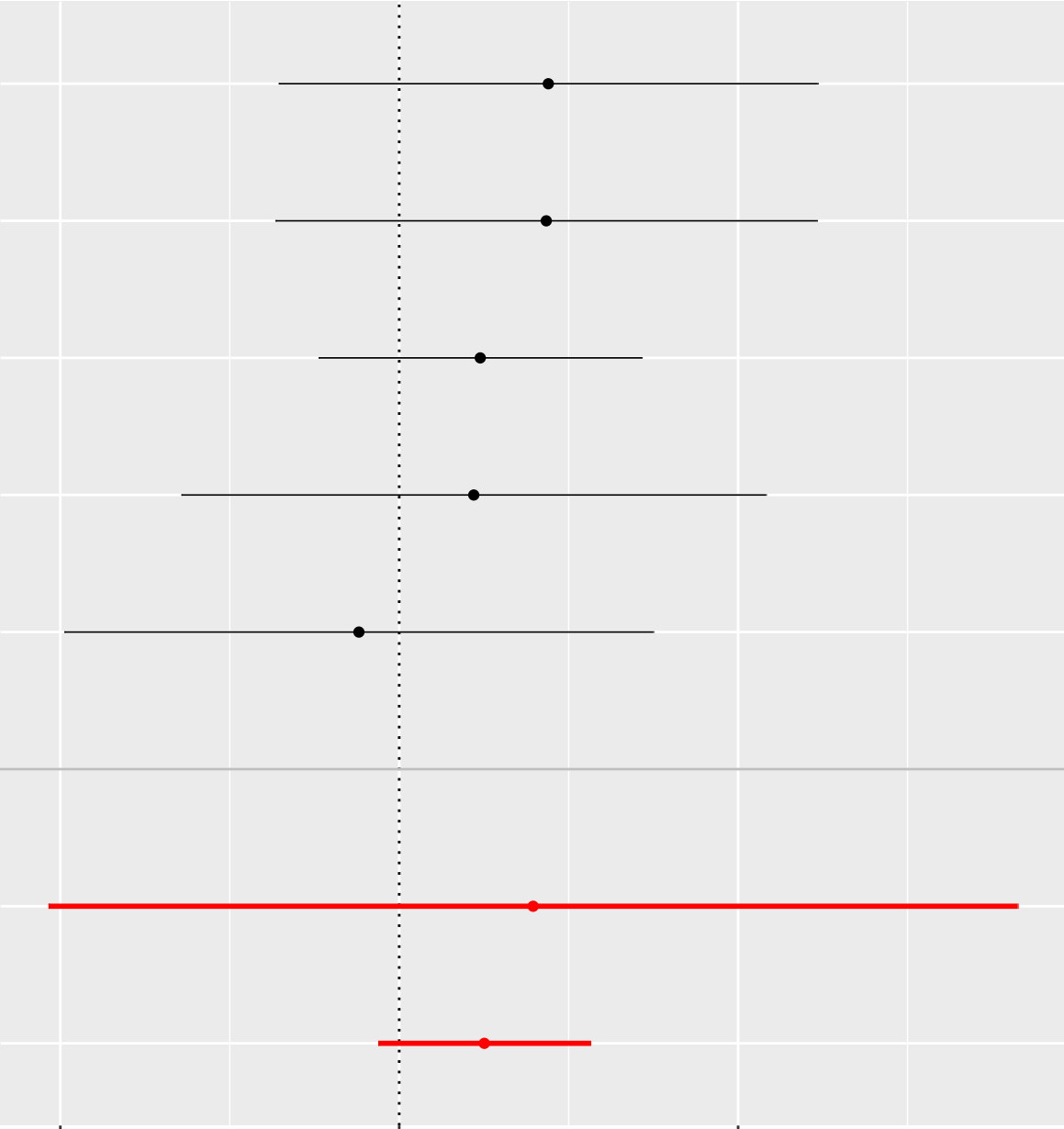
All – IVW

-0.5

0.0

0.5

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14189--leucylalanine || id:719'



rs6857

rs1558902

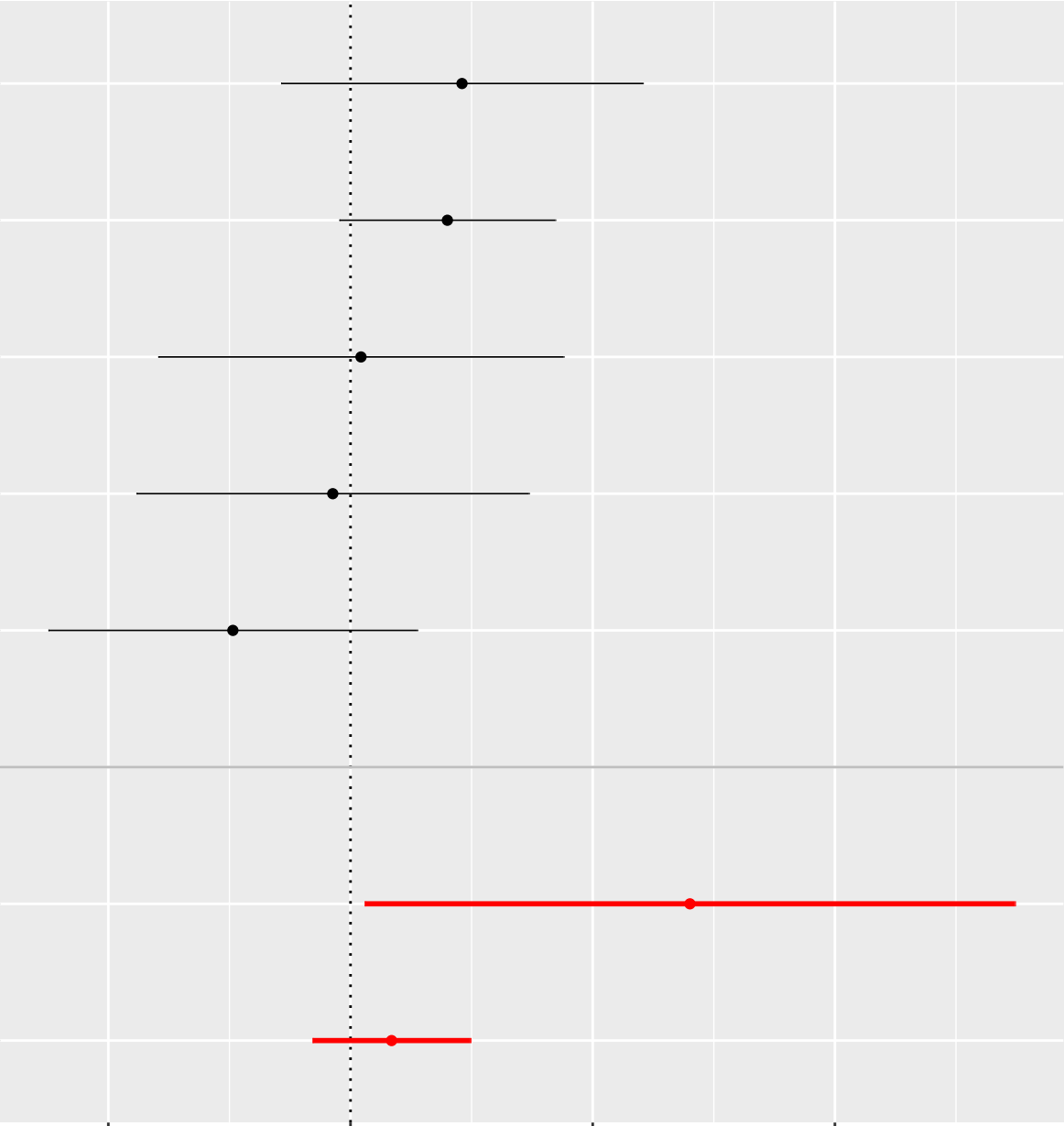
rs6728726

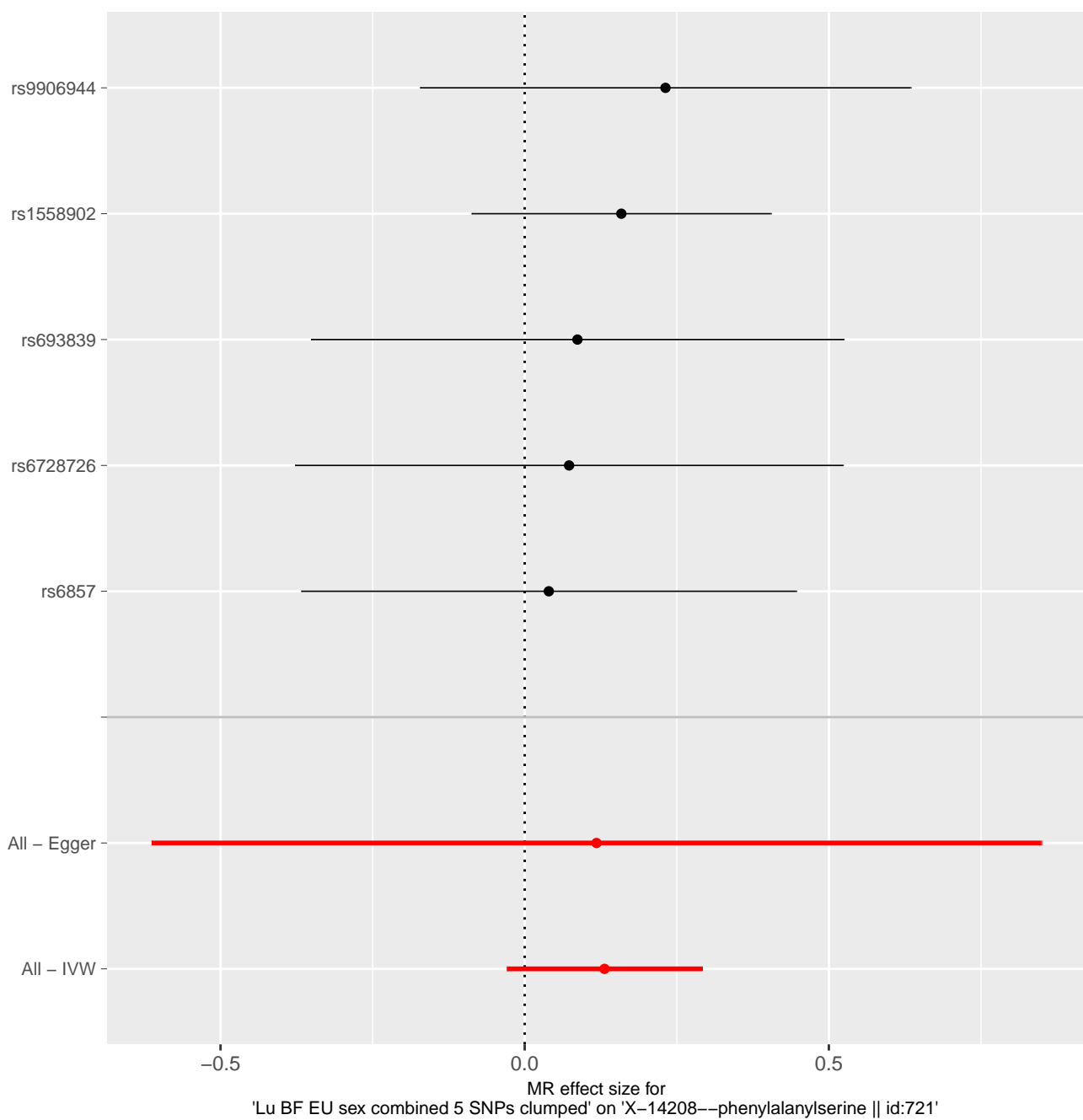
rs693839

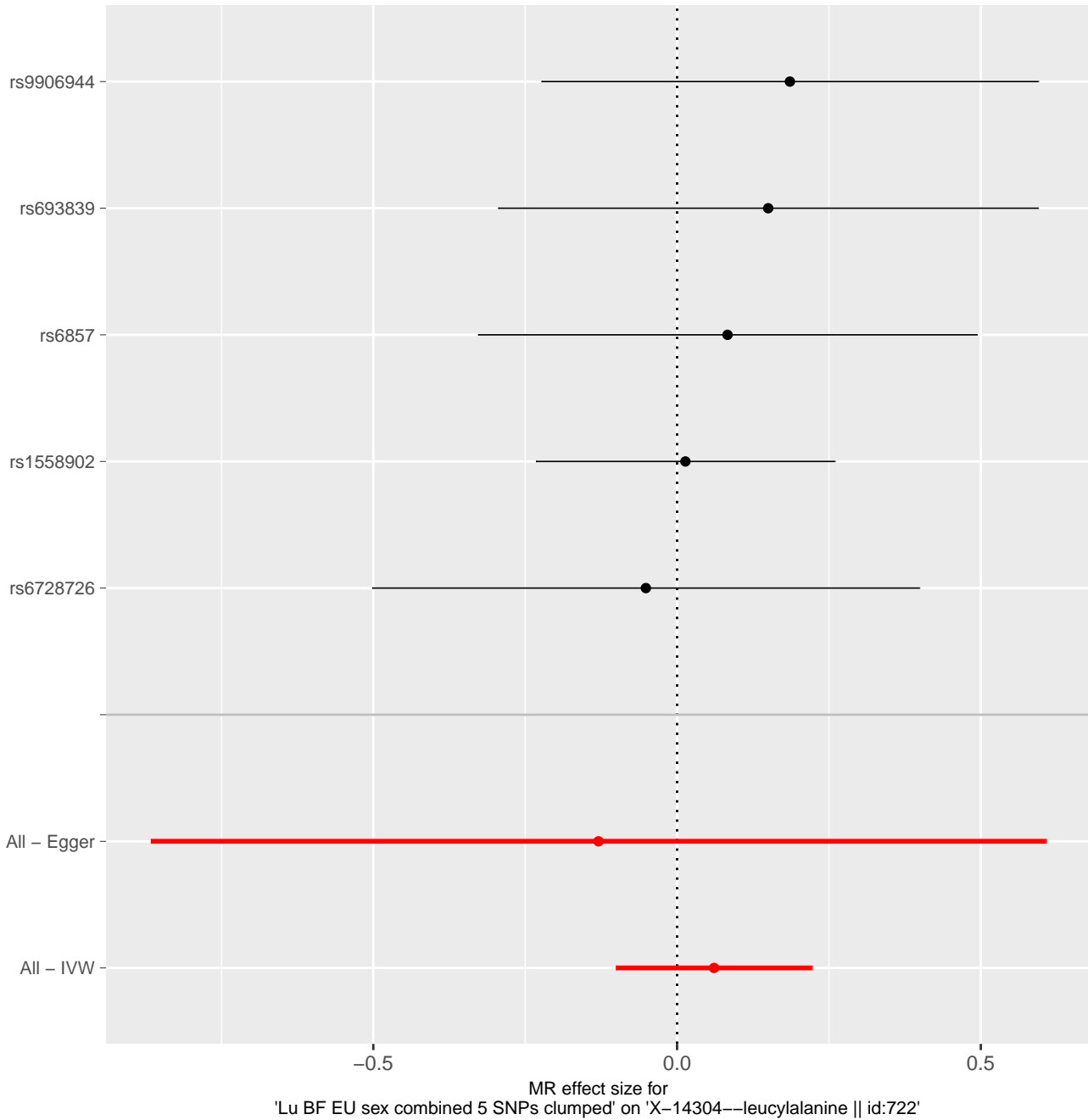
rs9906944

All – Egger

All – IVW







rs6728726

rs1558902

rs693839

rs6857

rs9906944

All – Egger

All – IVW

-0.2

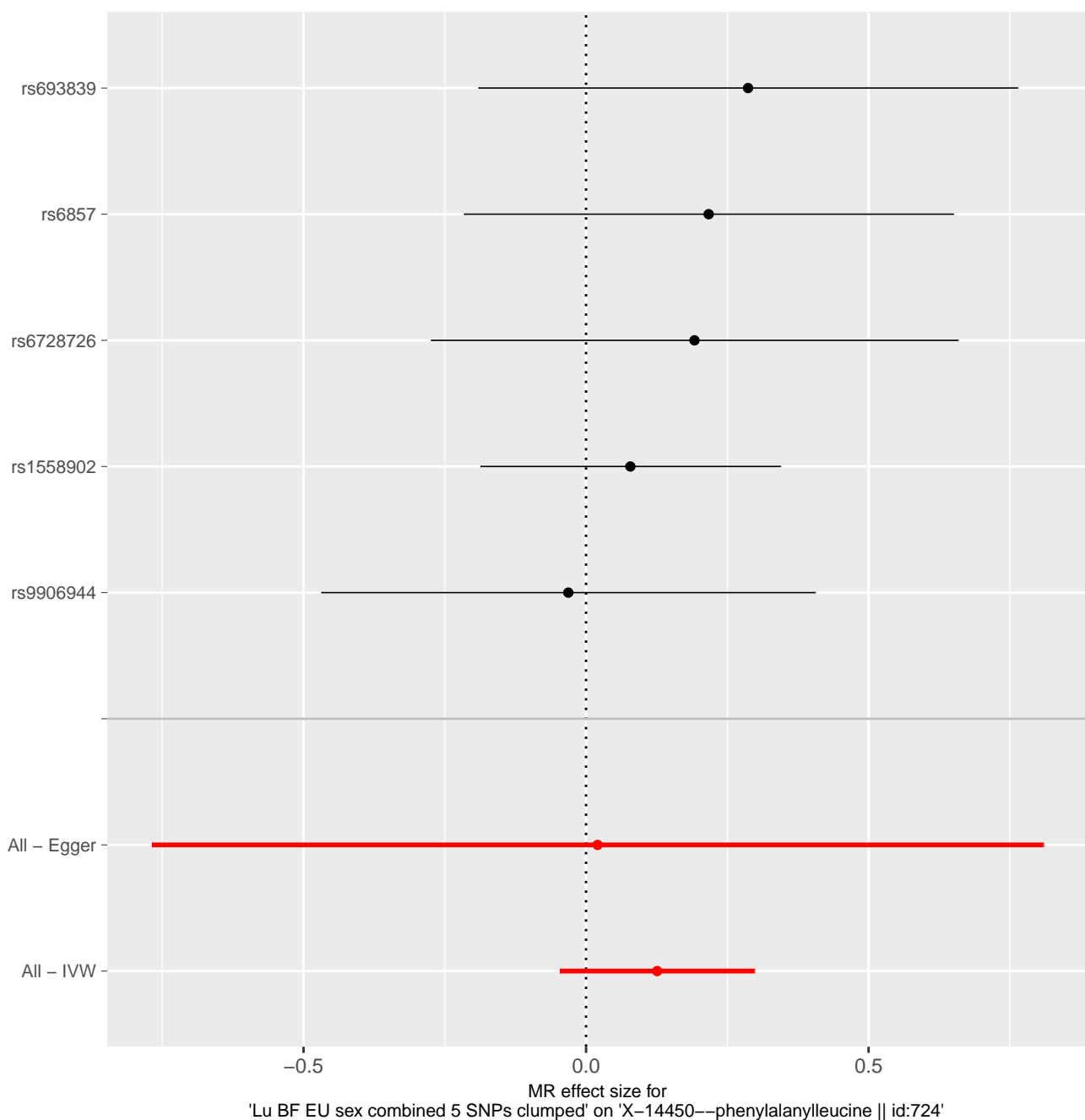
0.0

0.2

0.4

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'X-14374 || id:723'



rs6728726

rs1558902

rs6857

rs693839

rs9906944

All – Egger

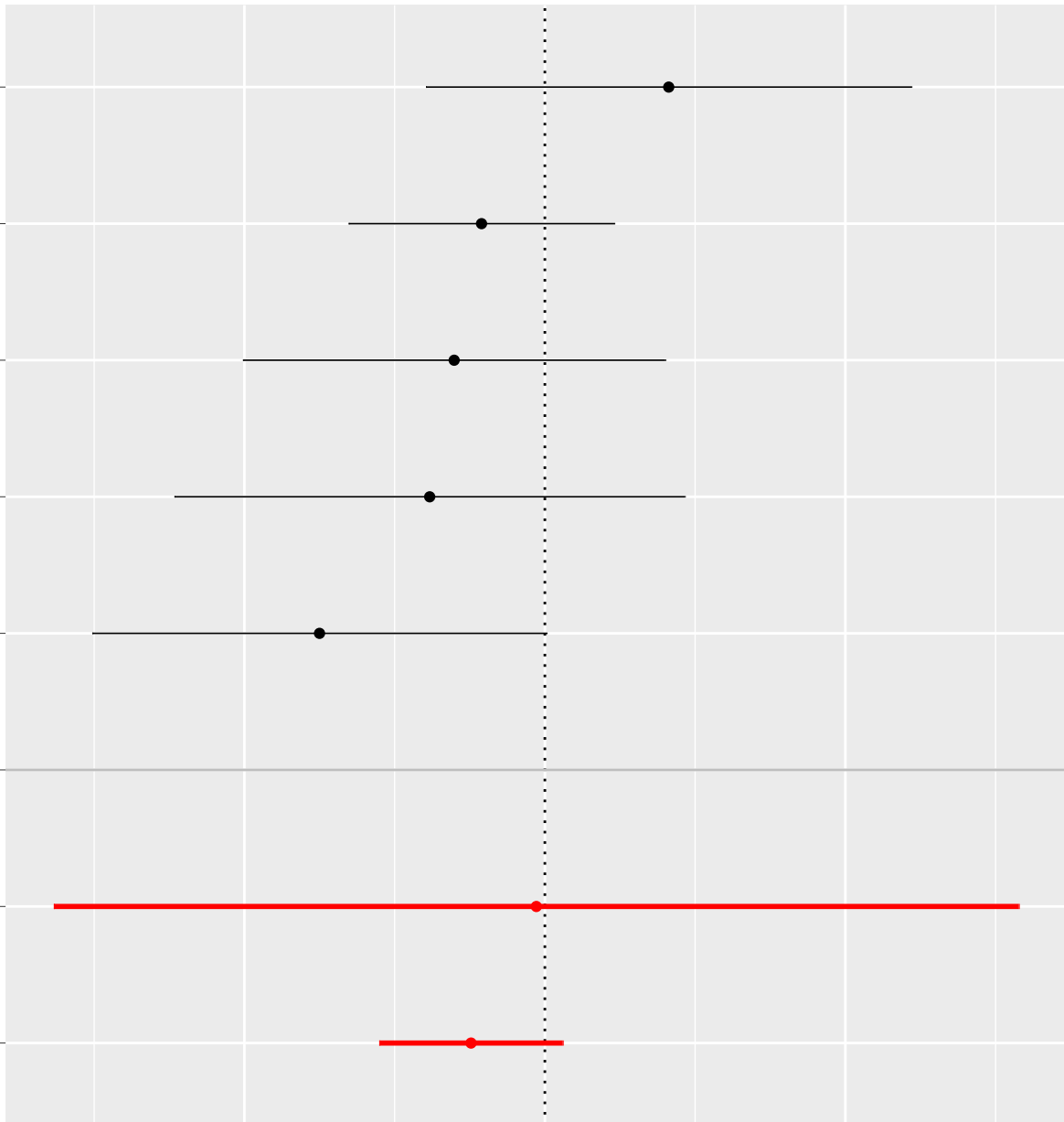
All – IVW

-0.4

0.0

0.4

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14473 || id:725'



rs6728726

rs6857

rs1558902

rs693839

rs9906944

All – Egger

All – IVW

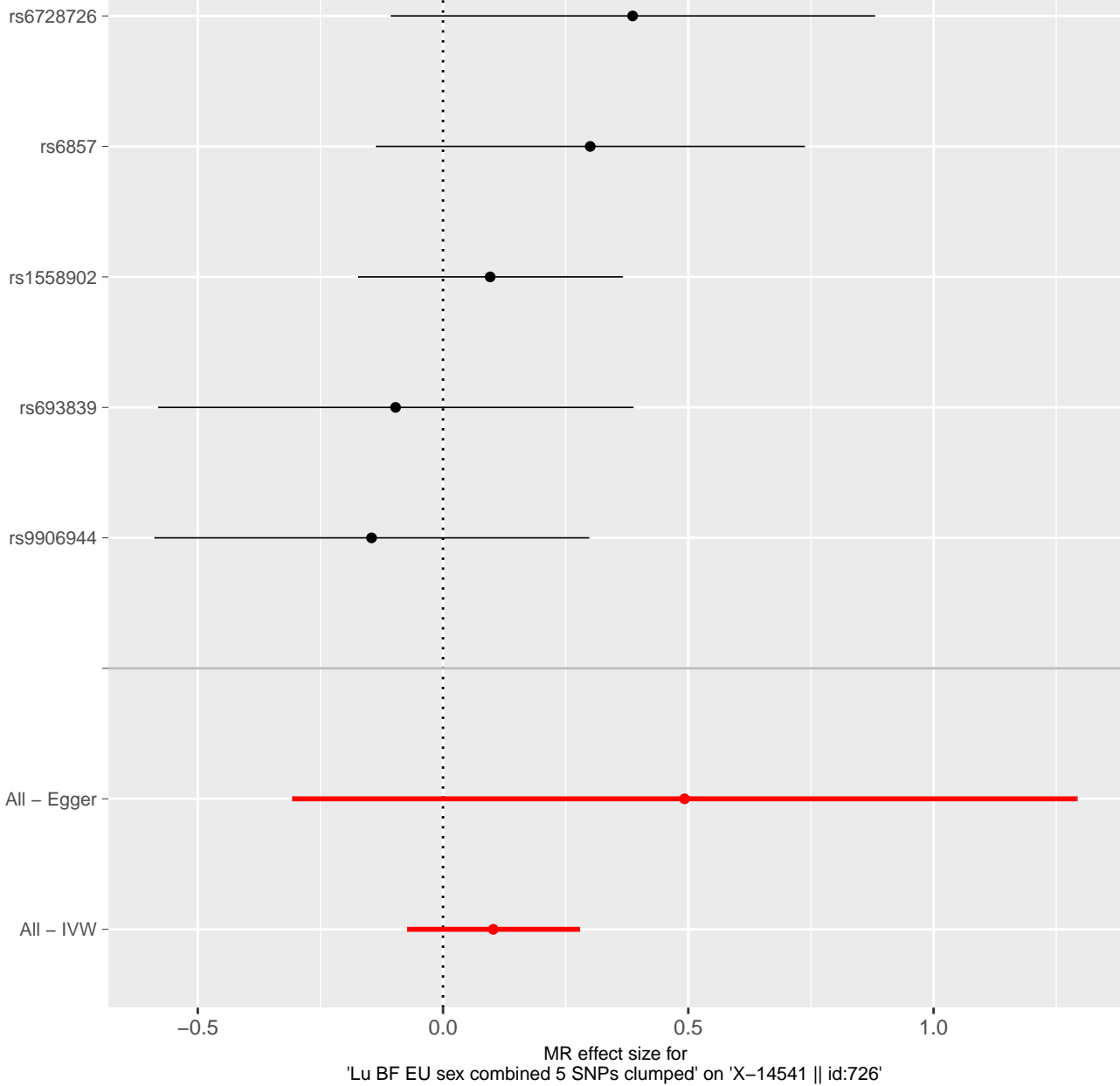
-0.5

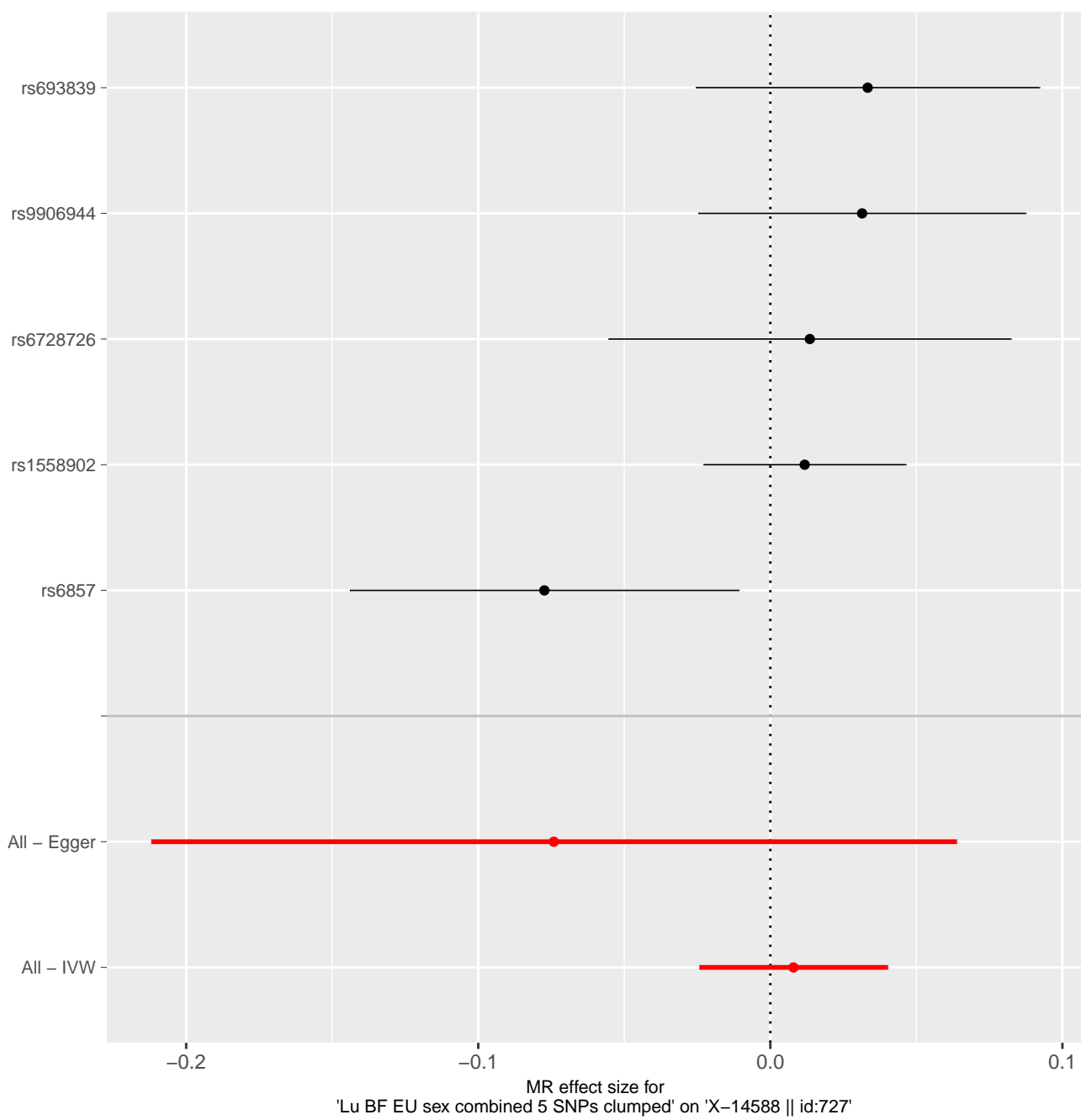
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0.5

1.0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14541 || id:726'





rs6857

rs1558902

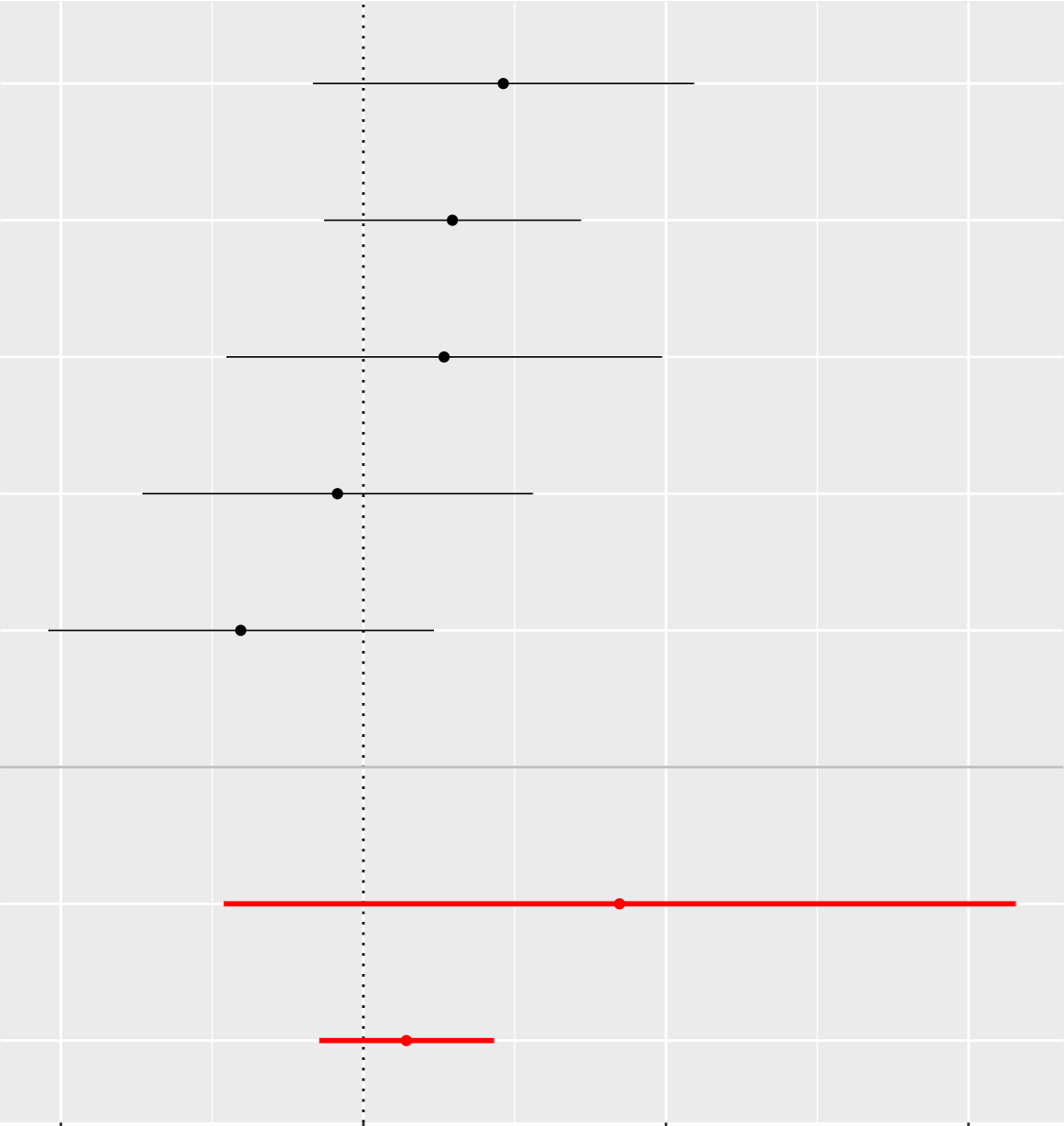
rs693839

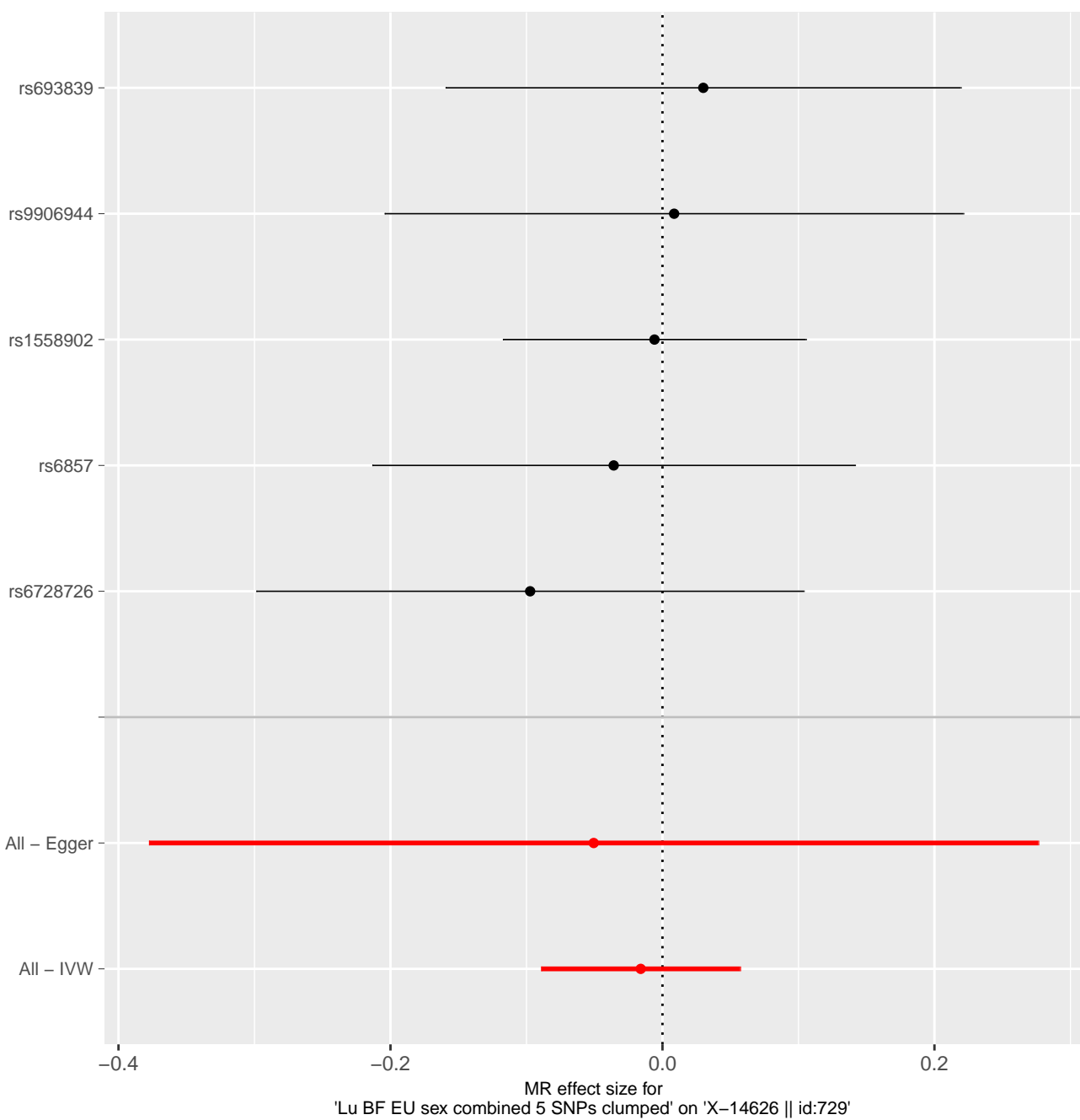
rs9906944

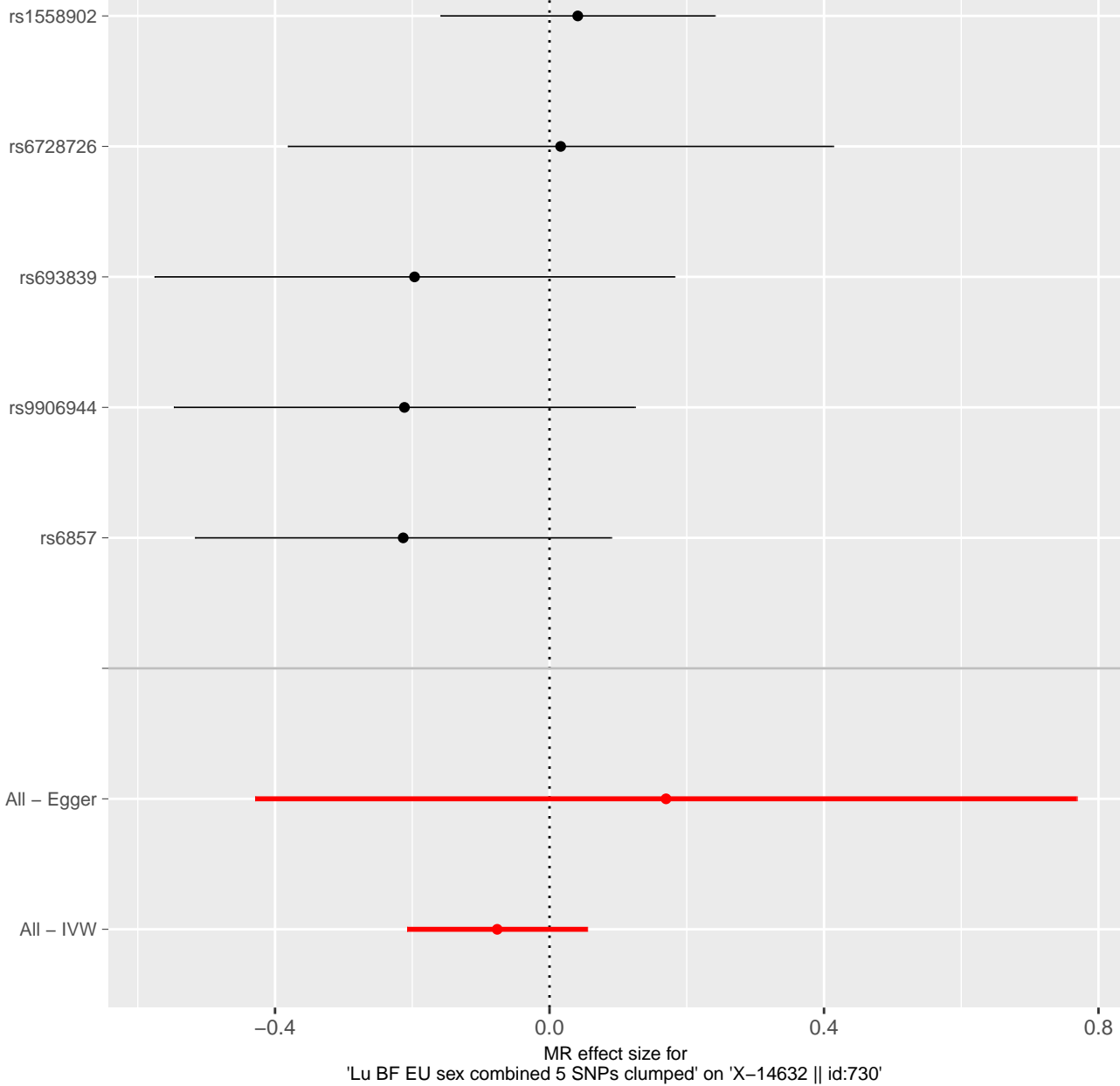
rs6728726

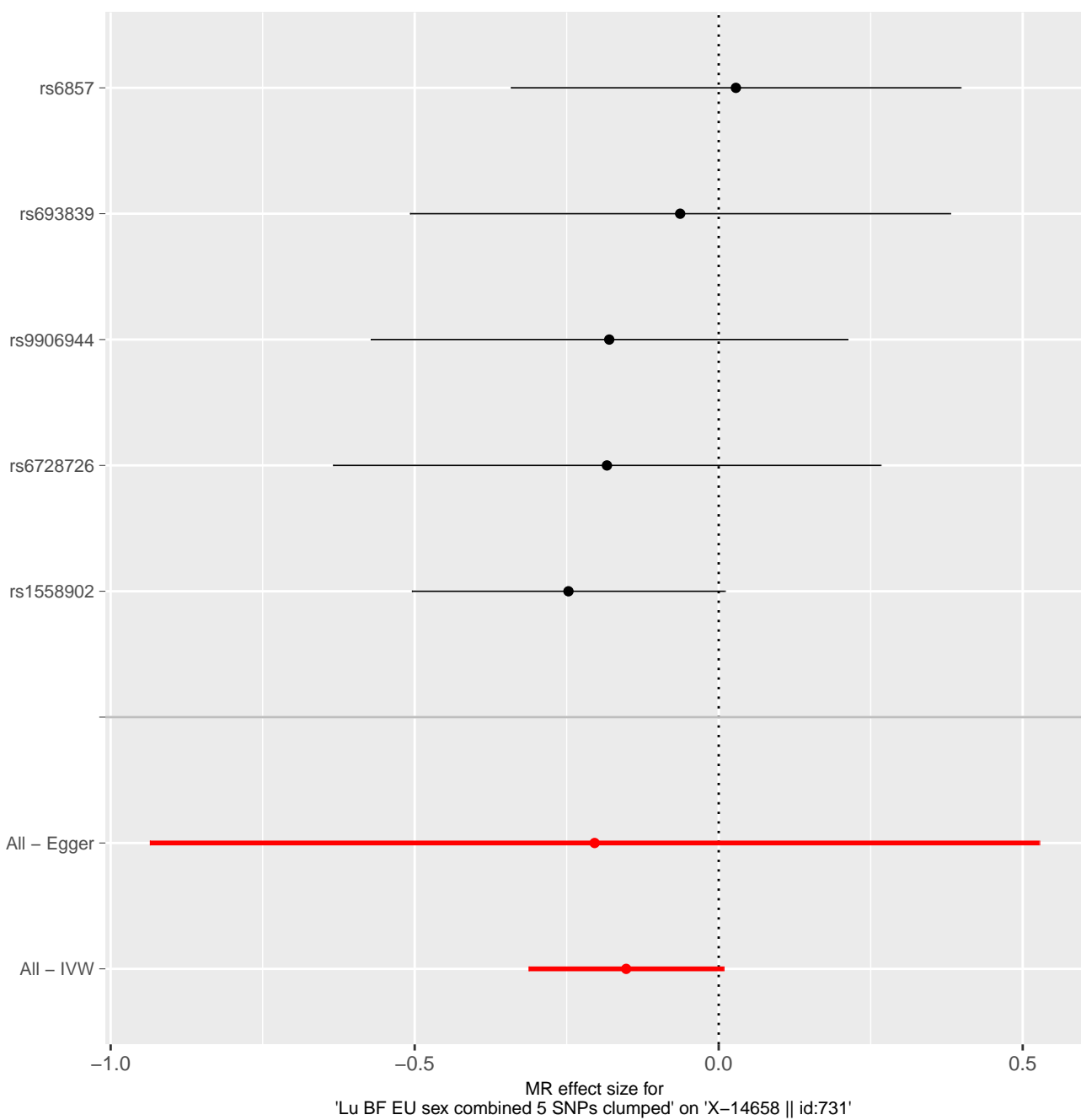
All – Egger

All – IVW









rs6728726

rs1558902

rs6857

rs9906944

rs693839

All – Egger

All – IVW

-0.5

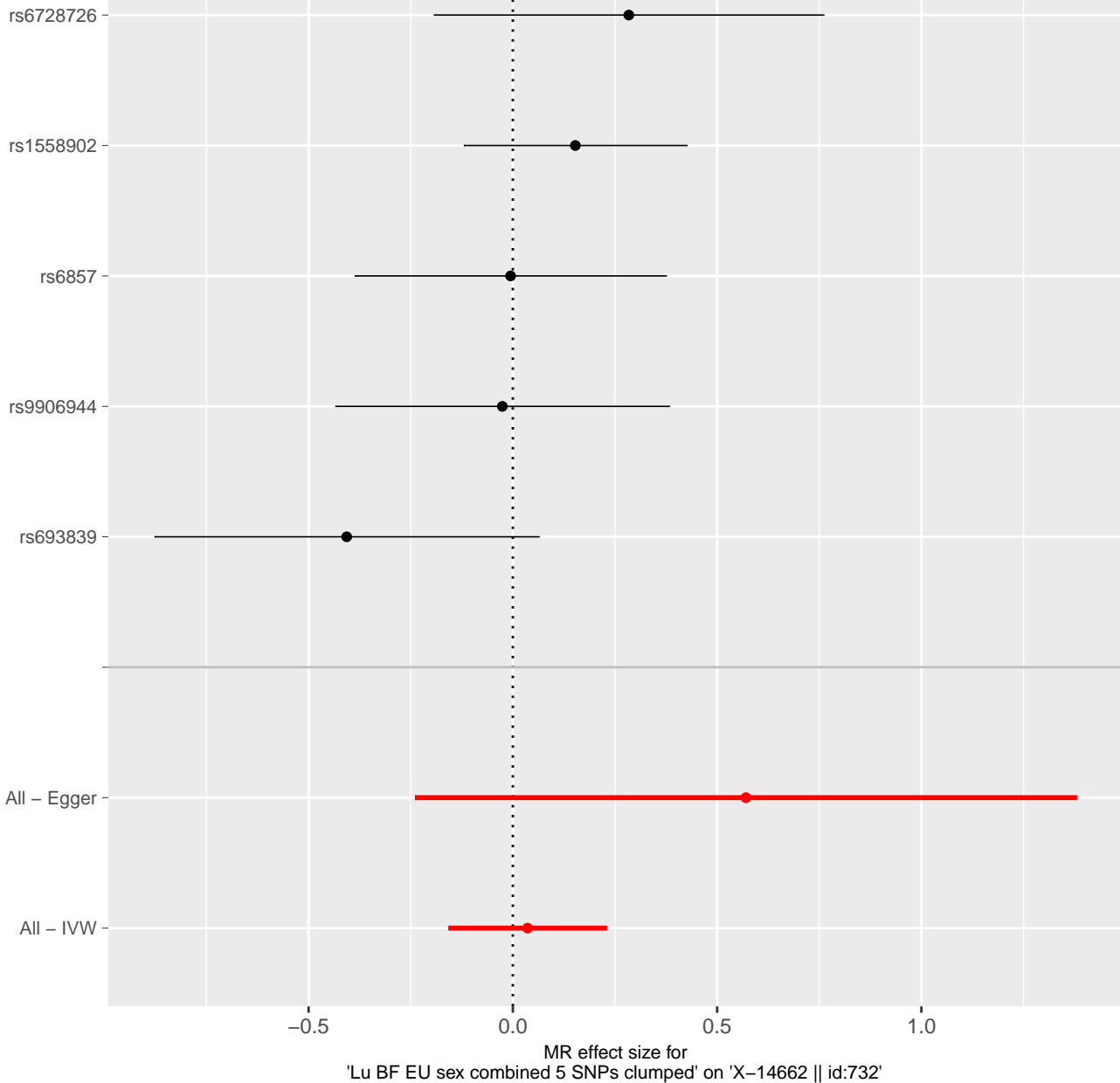
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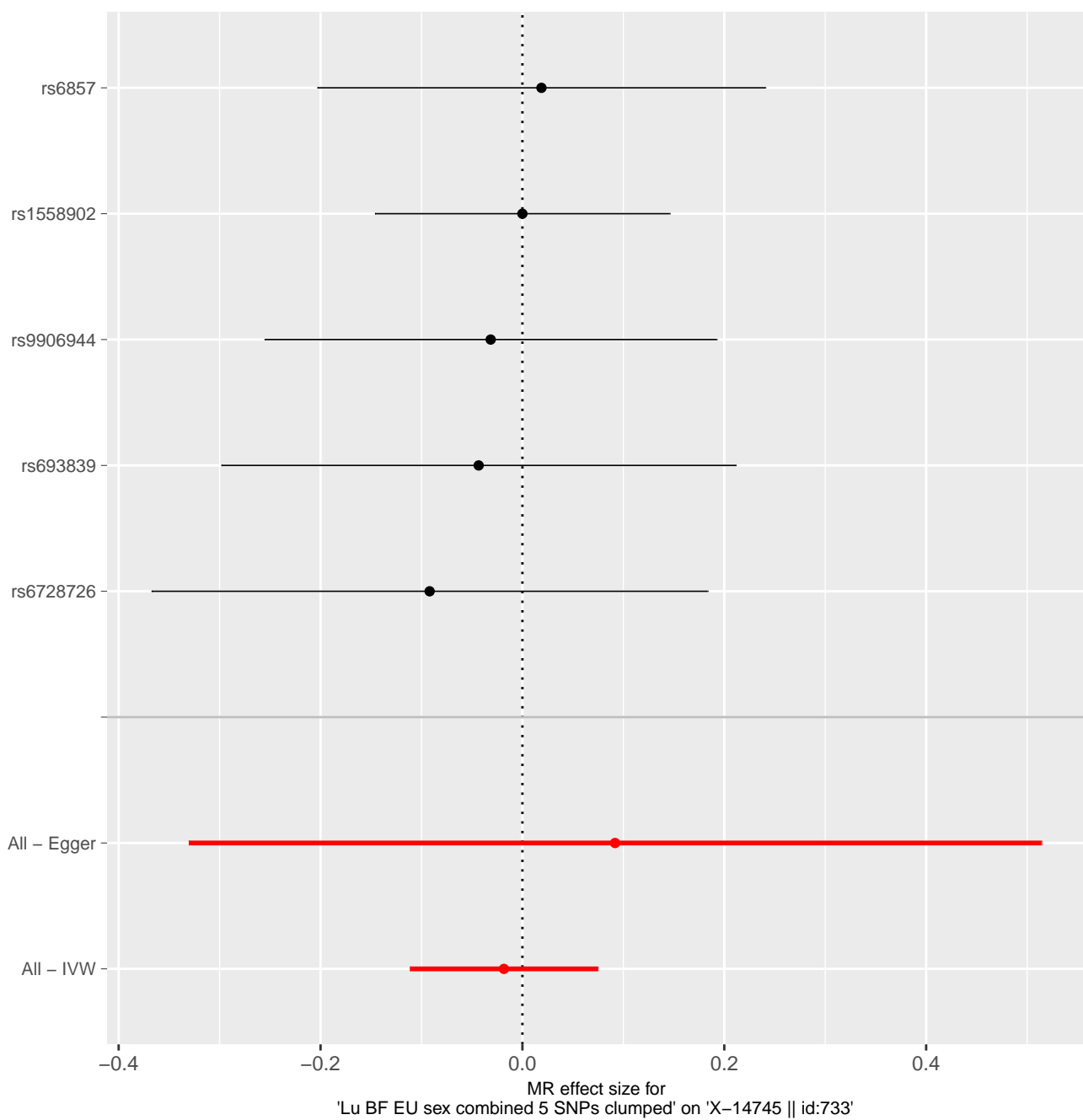
0.5

1.0

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'X-14662 || id:732'





rs6728726

rs6857

rs9906944

rs693839

All – Egger

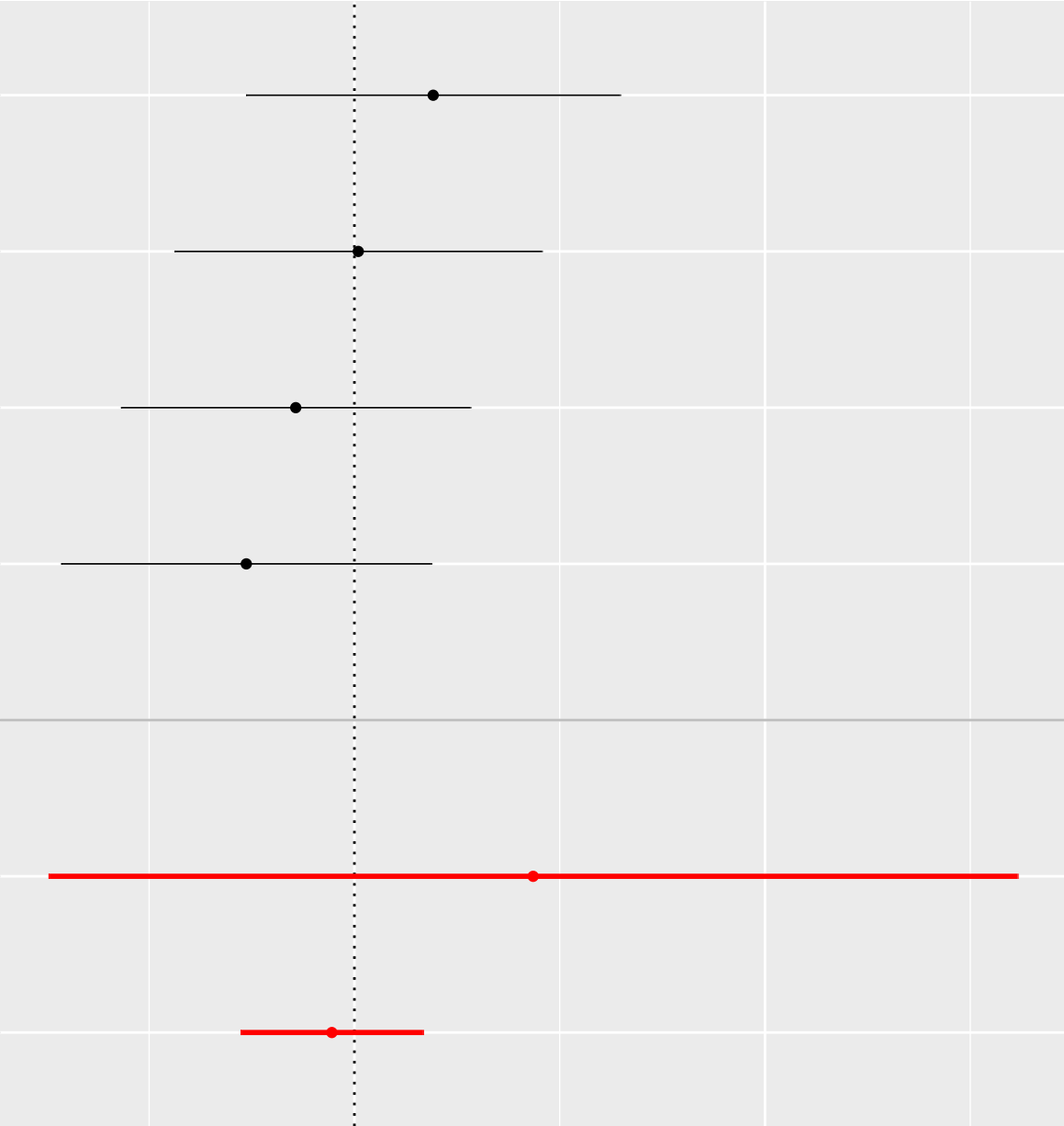
All – IVW

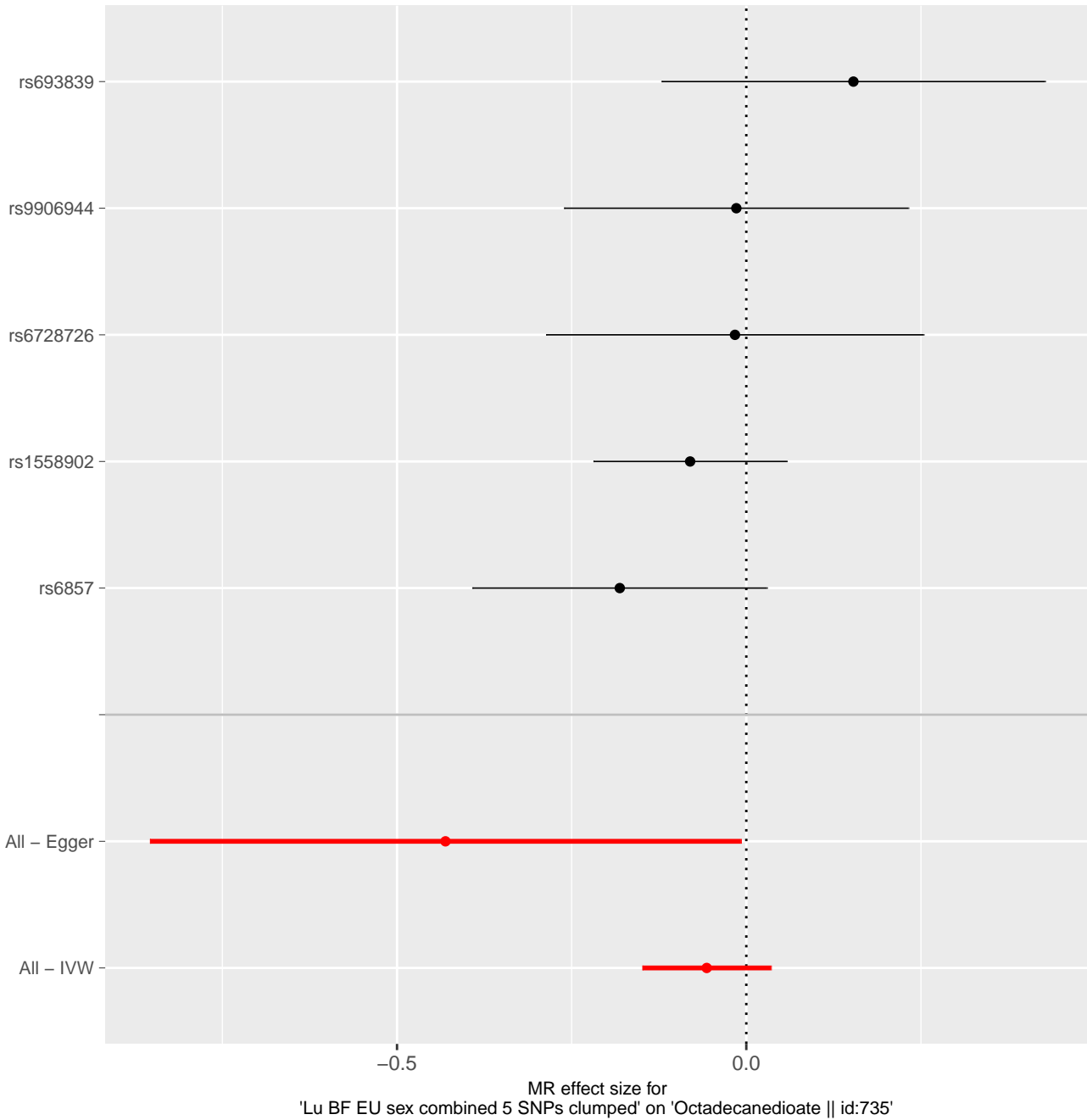
0

1

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-glutamylglutamate || id:734'





rs1558902

rs6728726

rs9906944

rs6857

rs693839

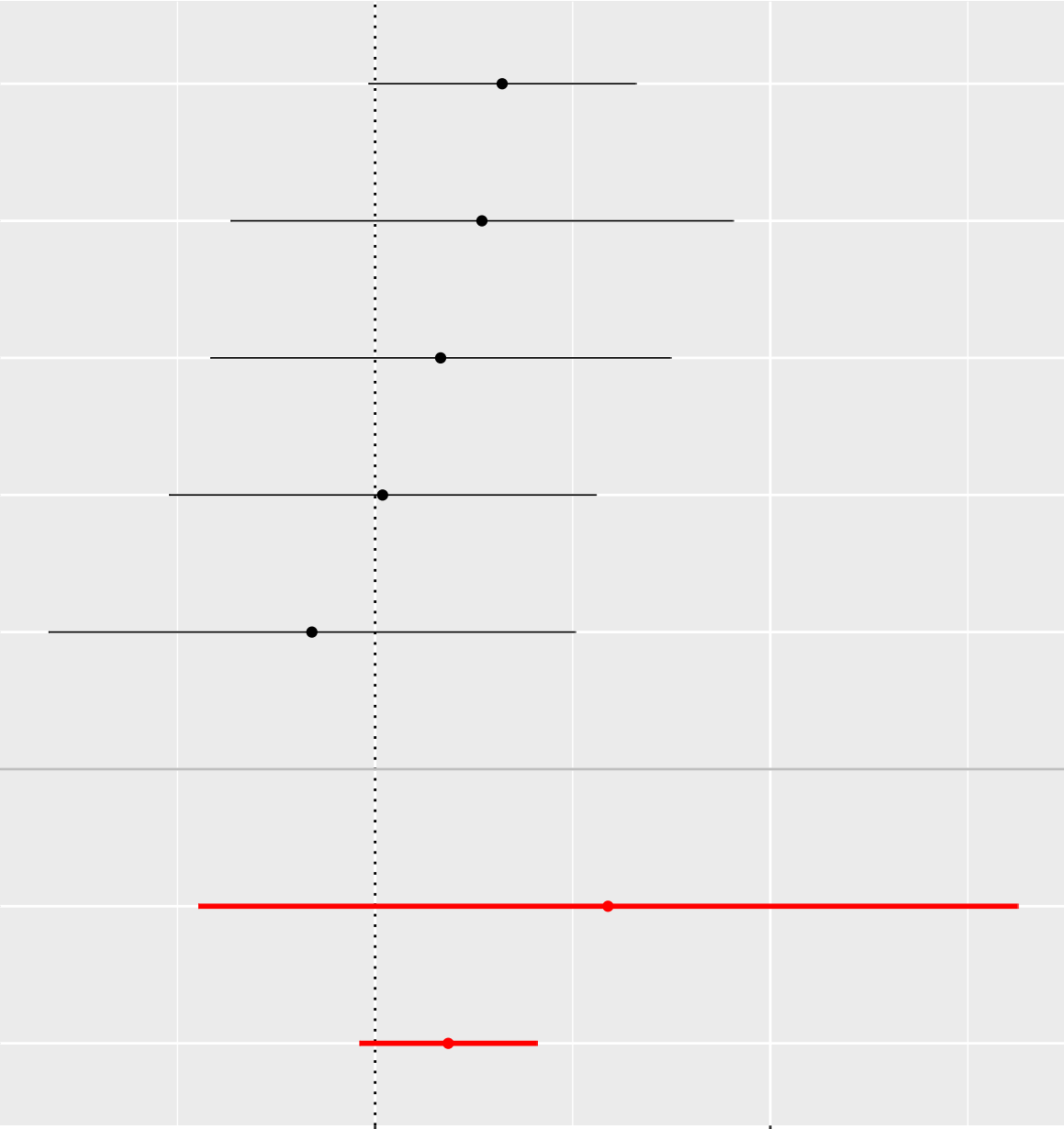
All – Egger

All – IVW

0.0

0.5

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Leucylleucine || id:736'



rs6728726

rs9906944

rs1558902

rs6857

rs693839

All – Egger

All – IVW

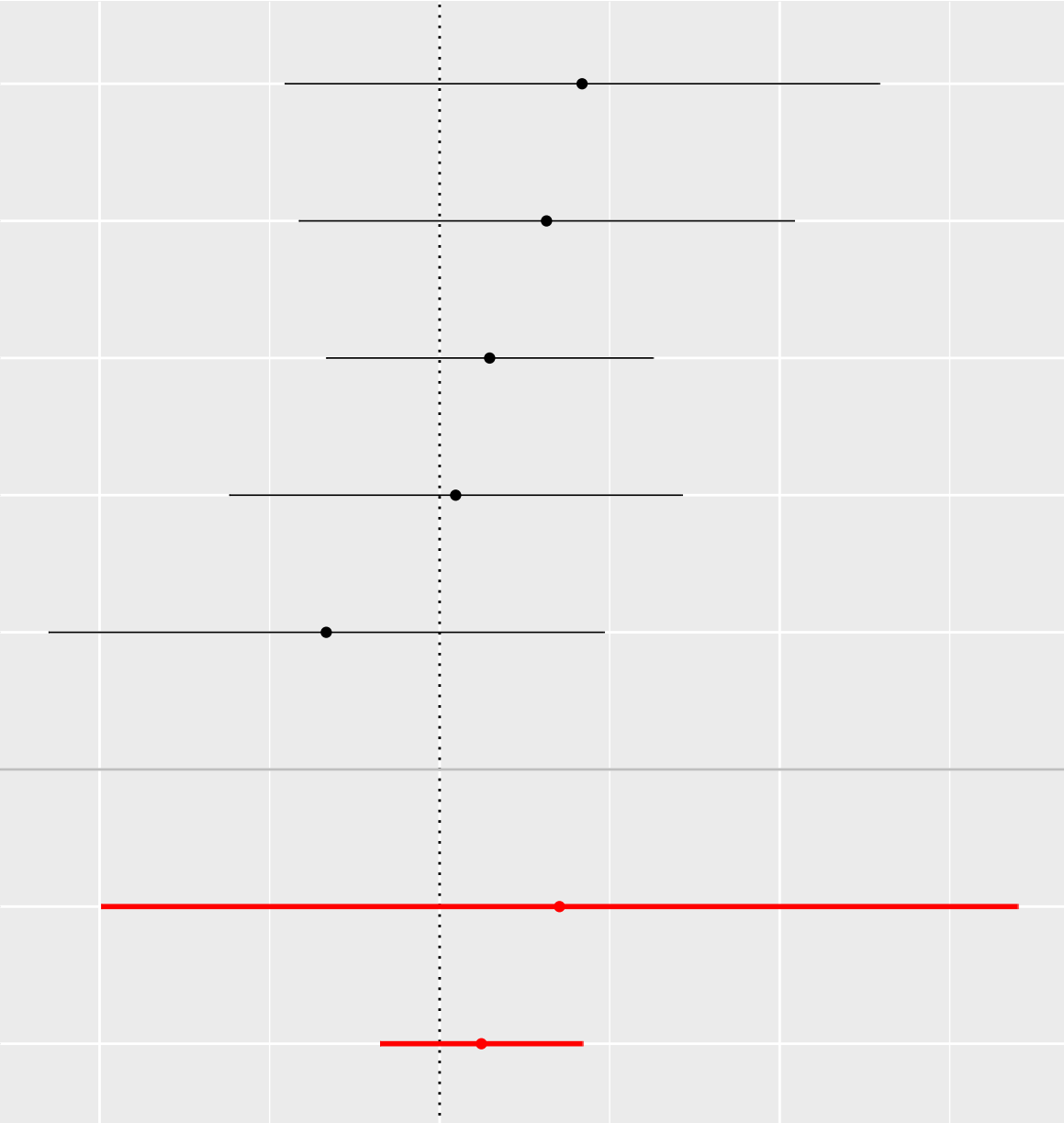
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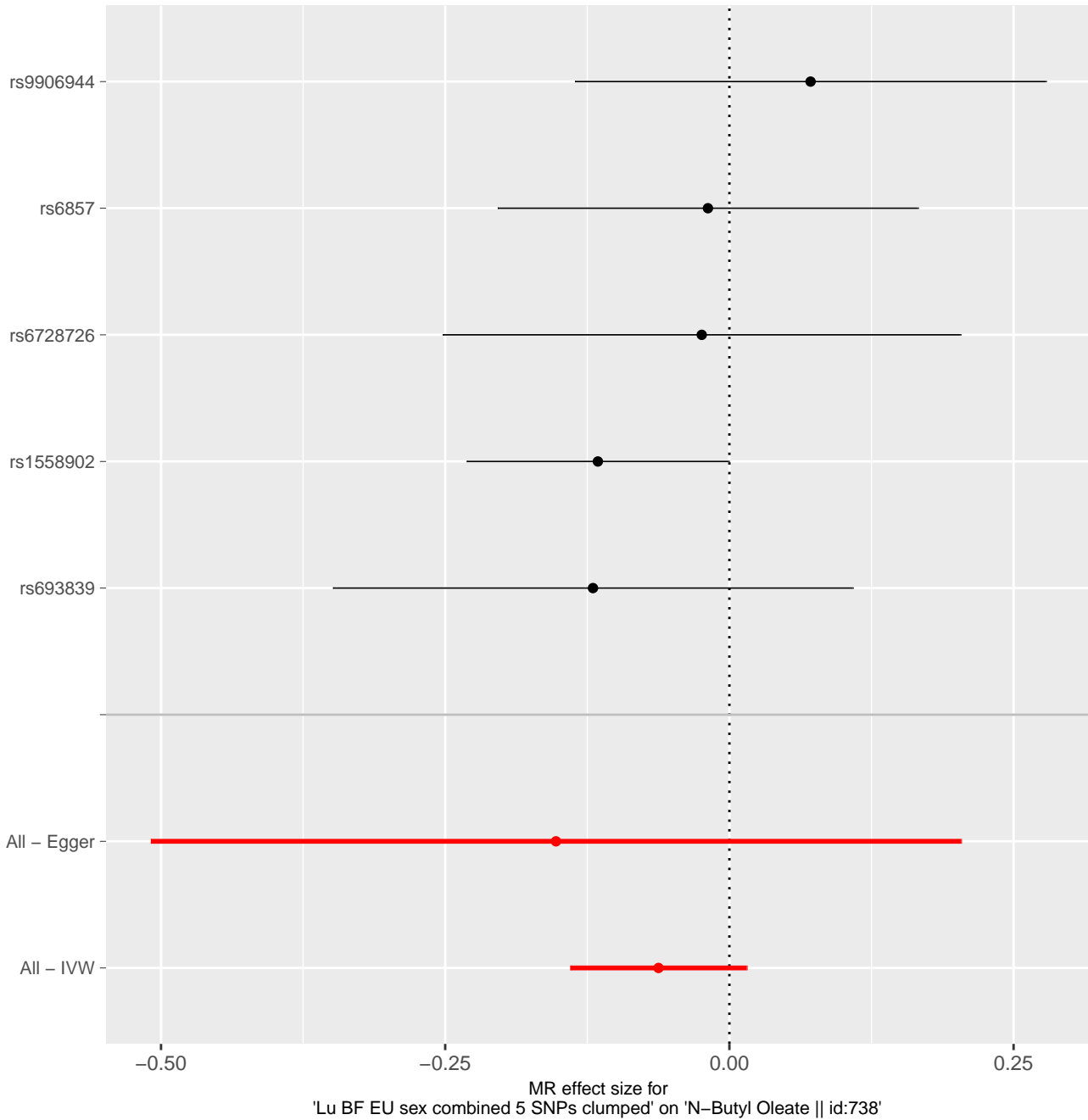
0.0

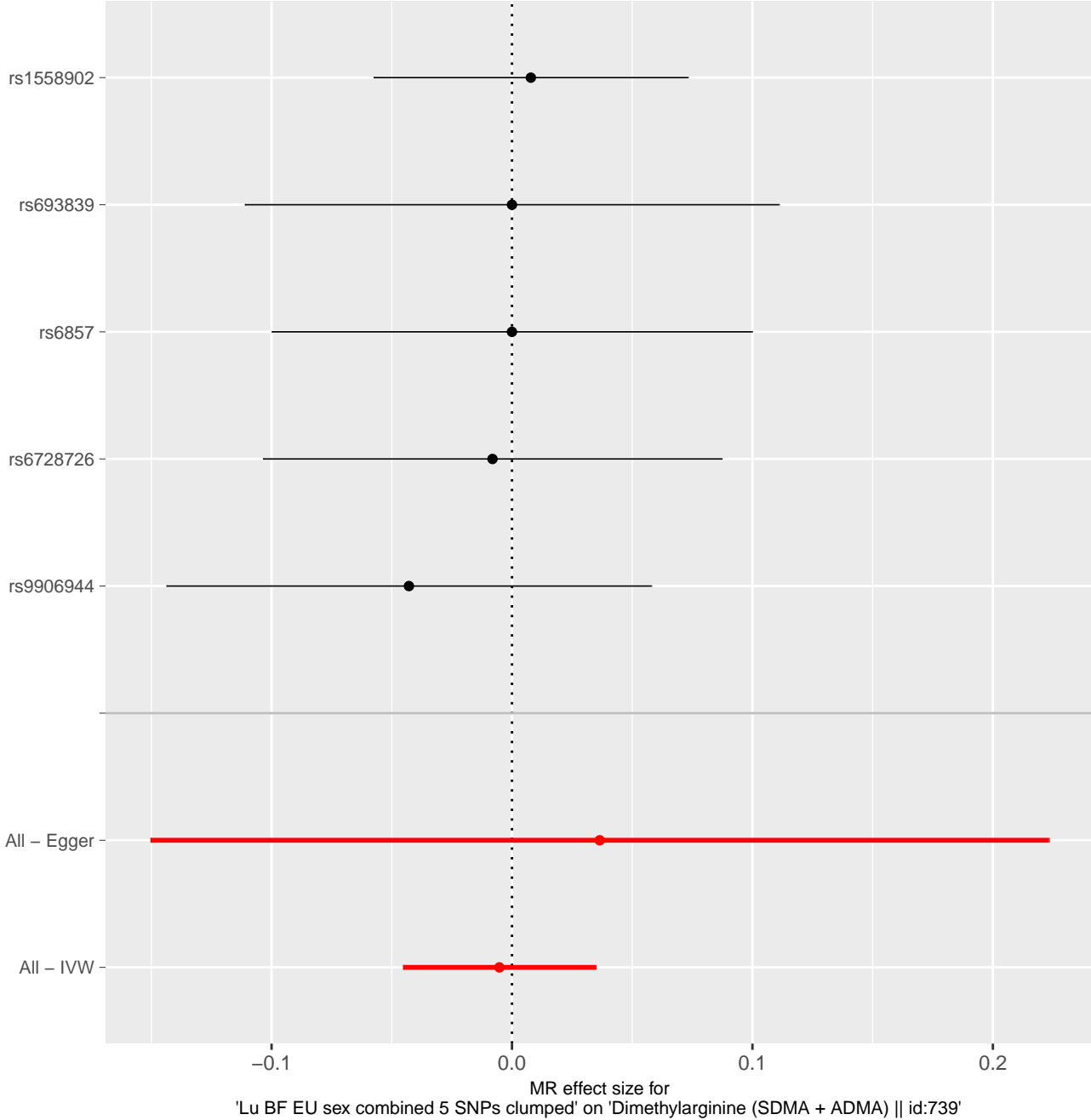
0.2

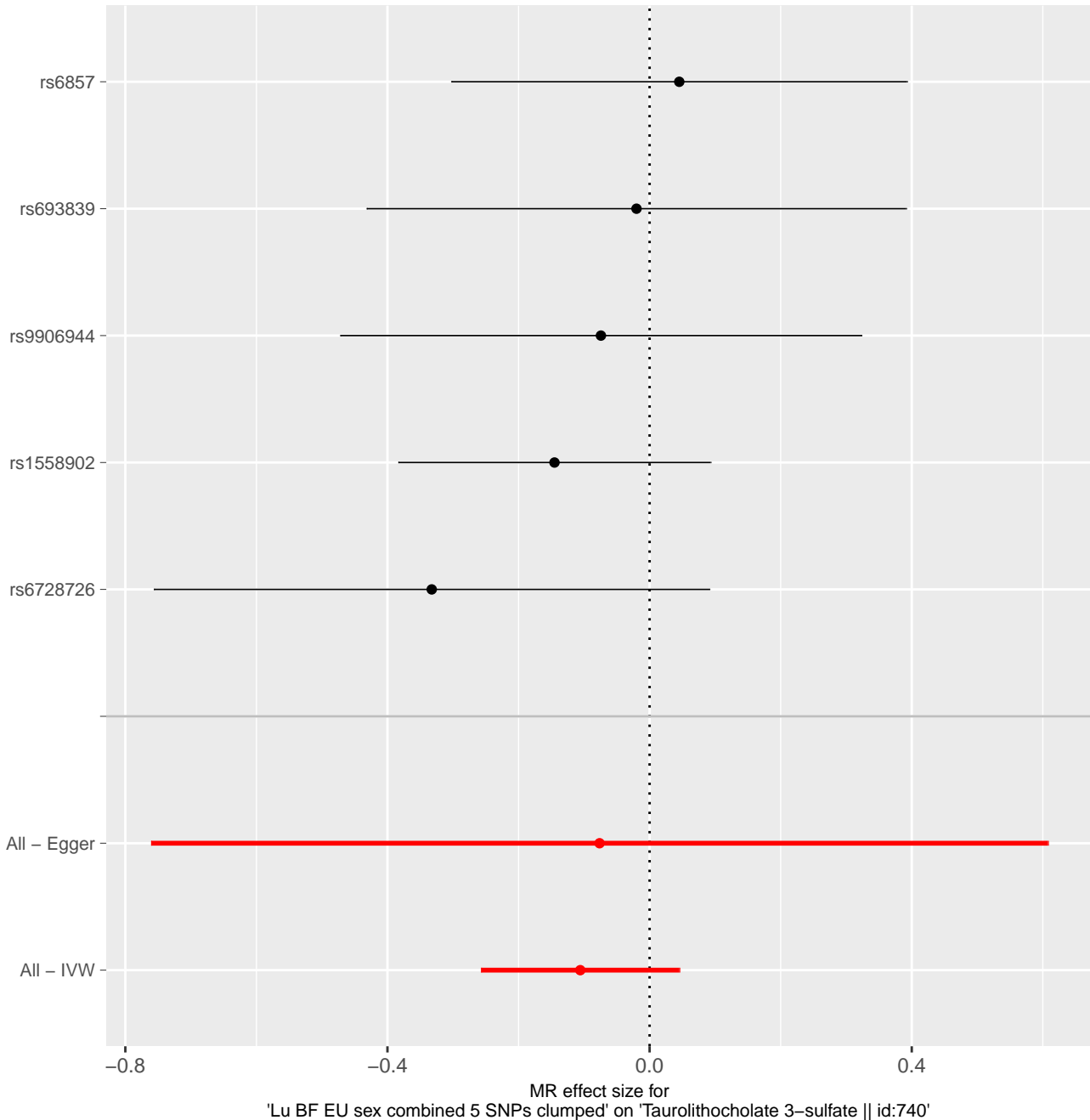
MR effect size for

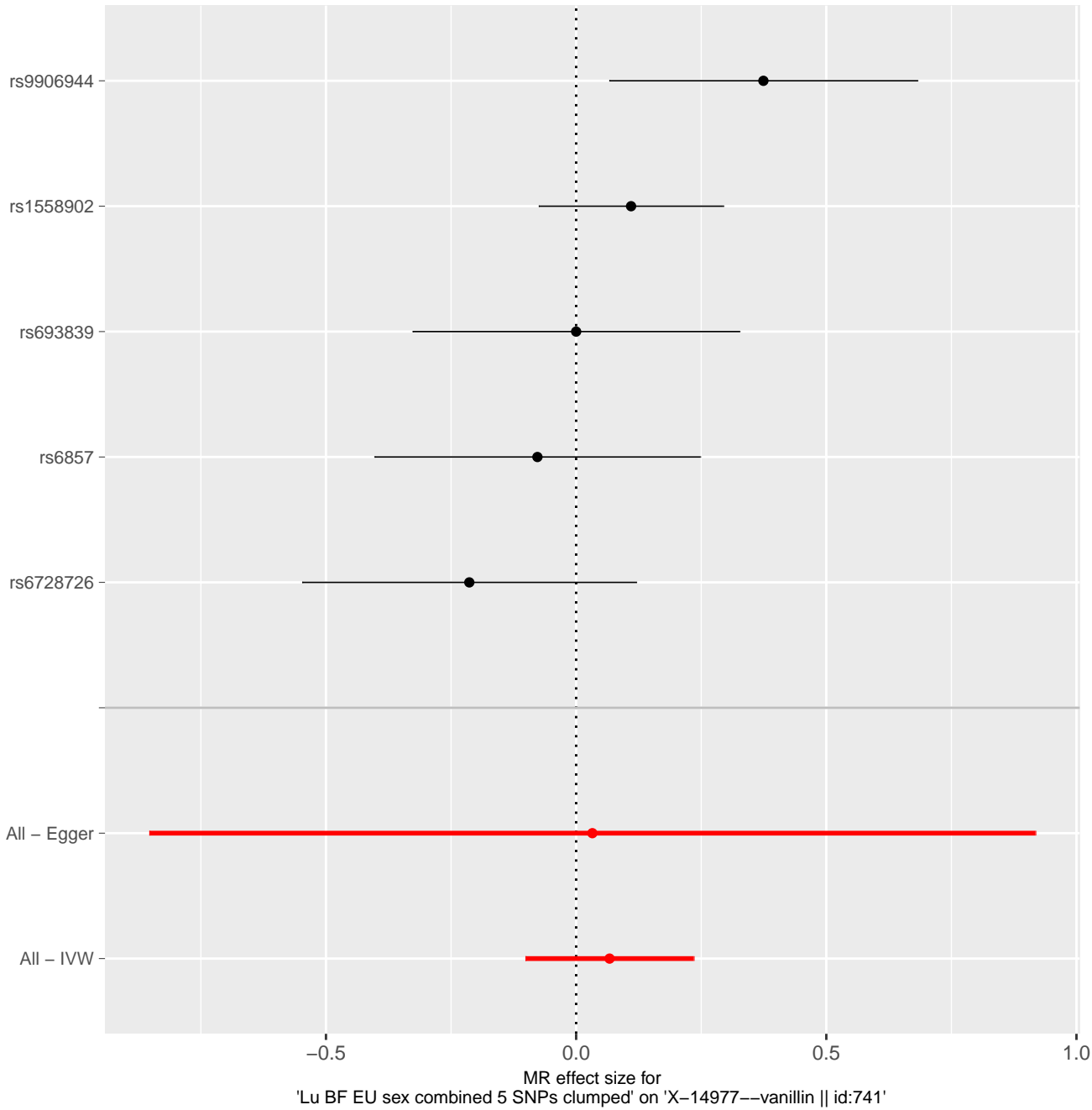
'Lu BF EU sex combined 5 SNPs clumped' on '7-alpha-hydroxy-3-oxo-4-cholestenoate (7-Hoca) || id:737'

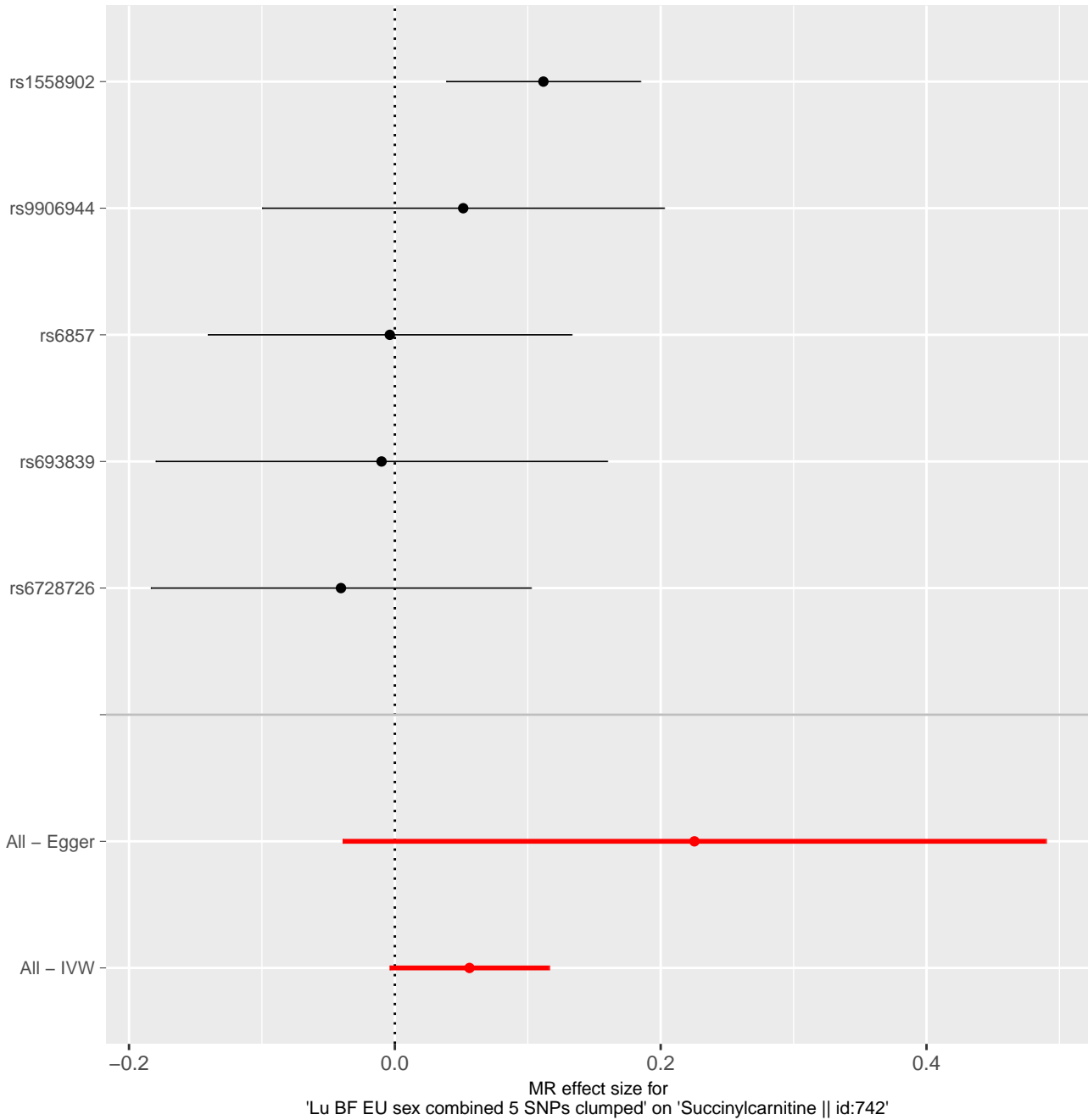












rs6857

rs6728726

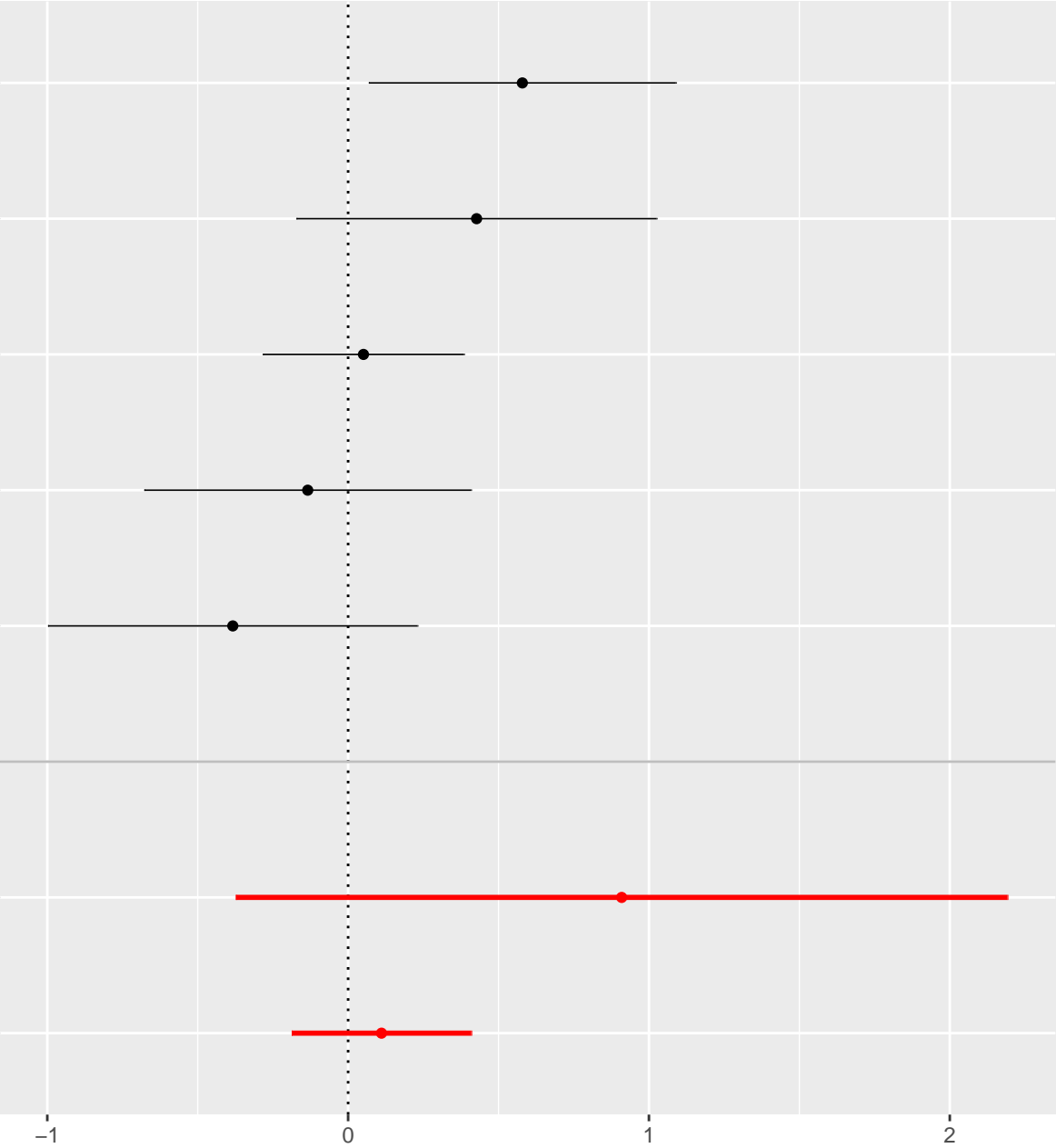
rs1558902

rs9906944

rs693839

All – Egger

All – IVW



rs6728726

rs6857

rs1558902

rs9906944

rs693839

All – Egger

All – IVW

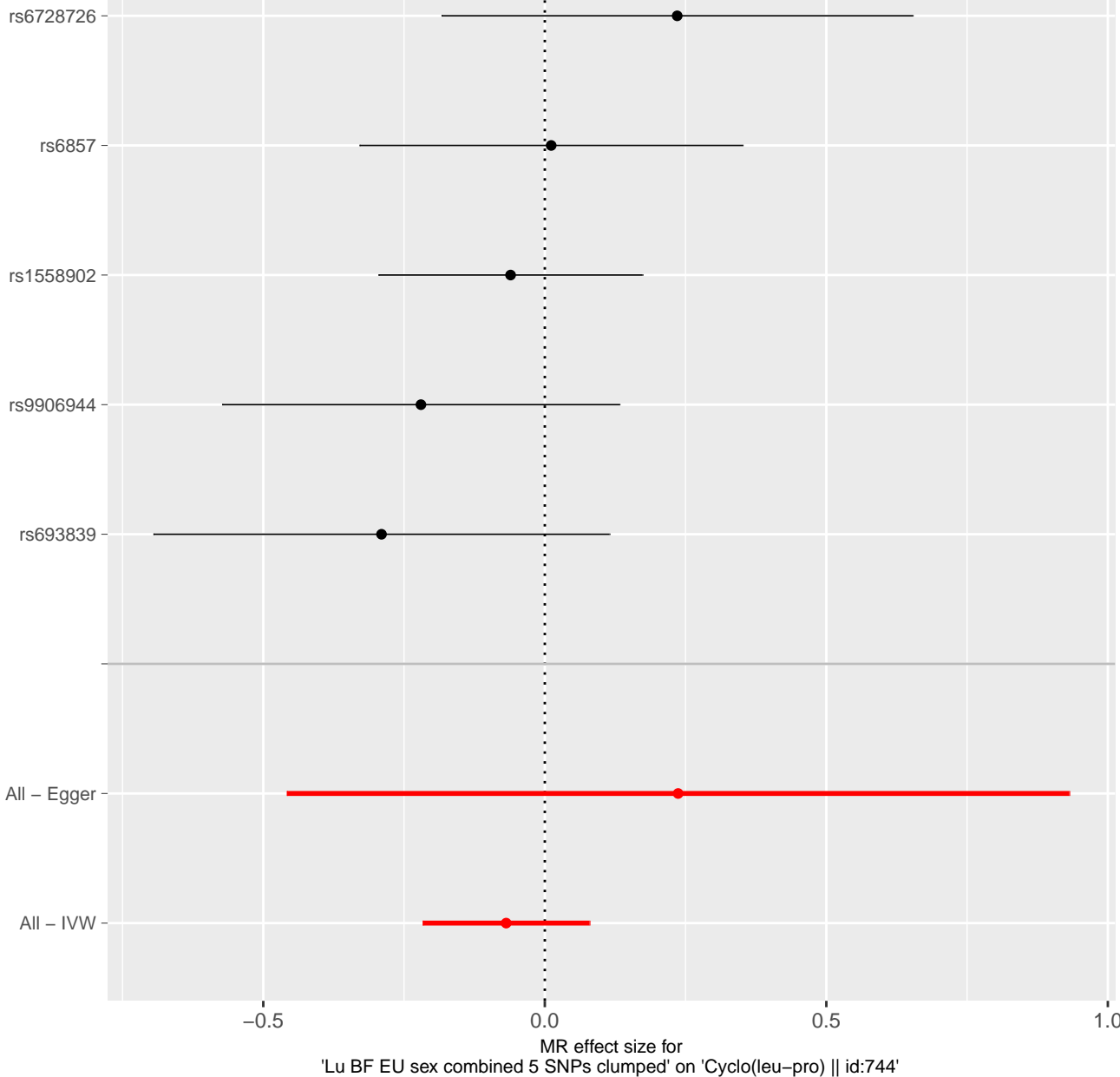
-0.5

0.0

0.5

1.0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Cyclo(leu-pro) || id:744'



rs1558902

rs9906944

rs693839

rs6728726

rs6857

All – Egger

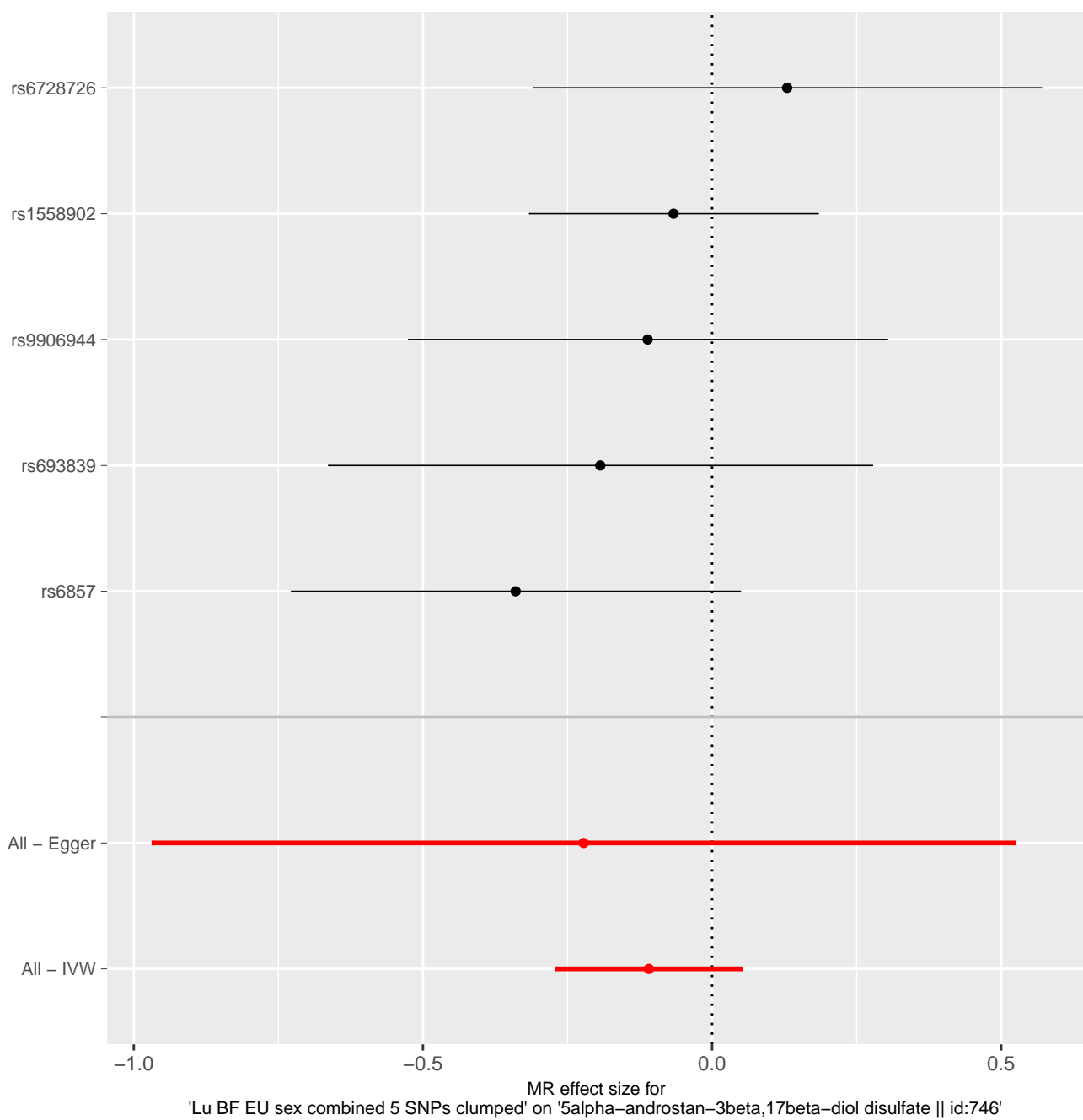
All – IVW

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Chiro-
inositol || id:745'

-1

0

1



rs6857

rs693839

rs6728726

rs1558902

rs9906944

All – Egger

All – IVW

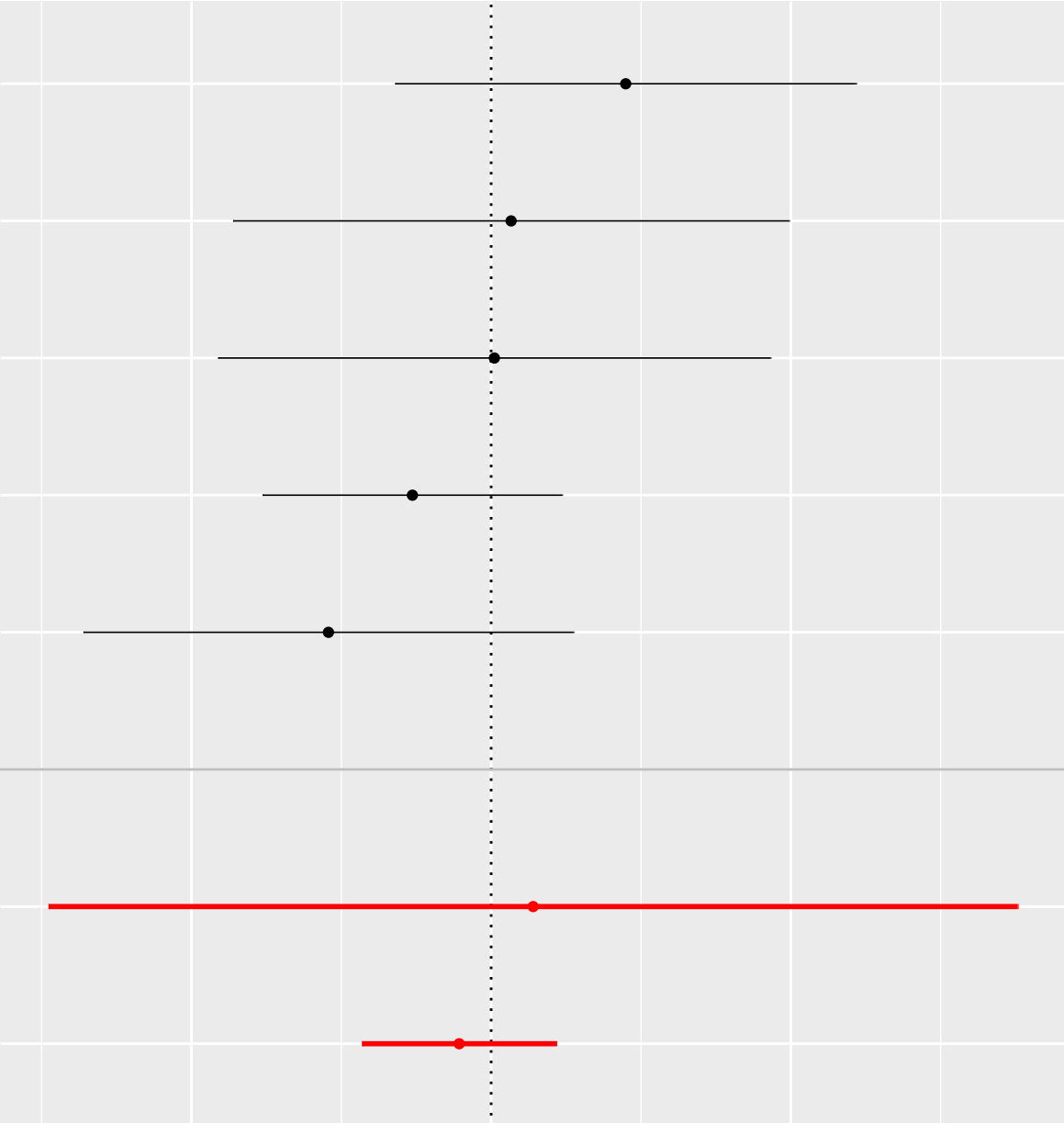
–0.5

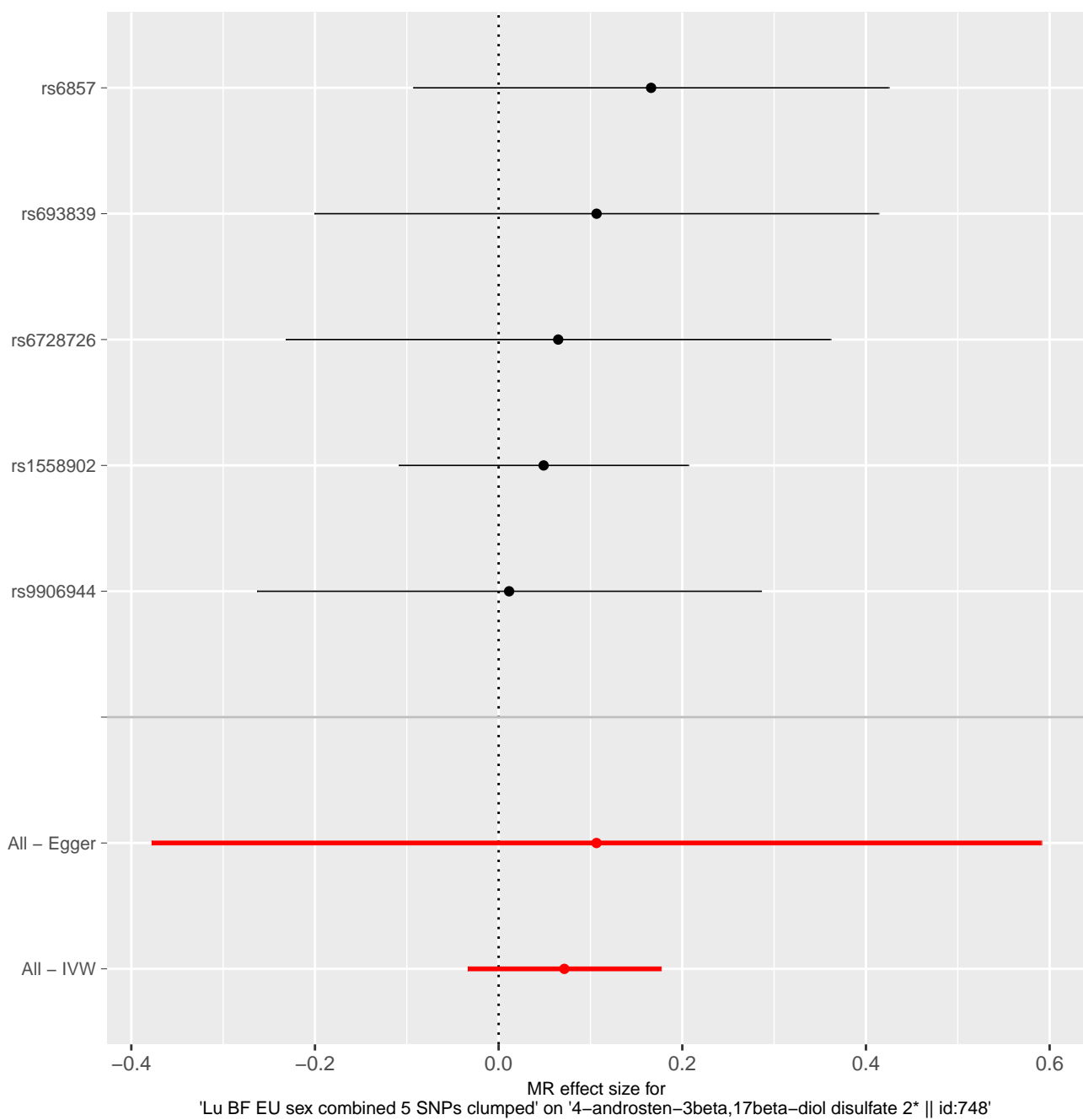
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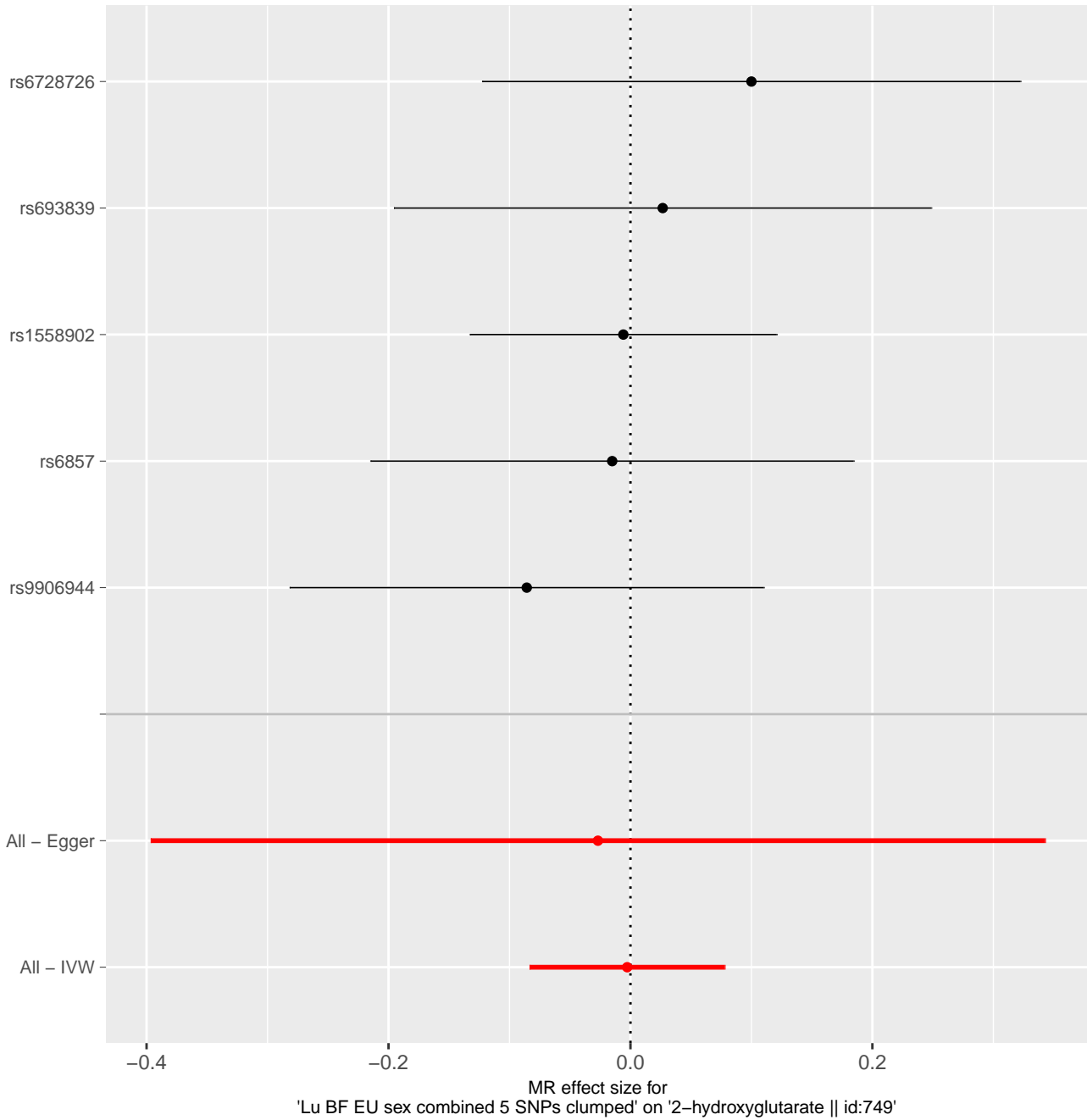
0.5

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on '4-androsten-3beta,17beta-diol disulfate 1* || id:747'







rs1558902

rs6857

rs693839

rs6728726

rs9906944

All – Egger

All – IVW

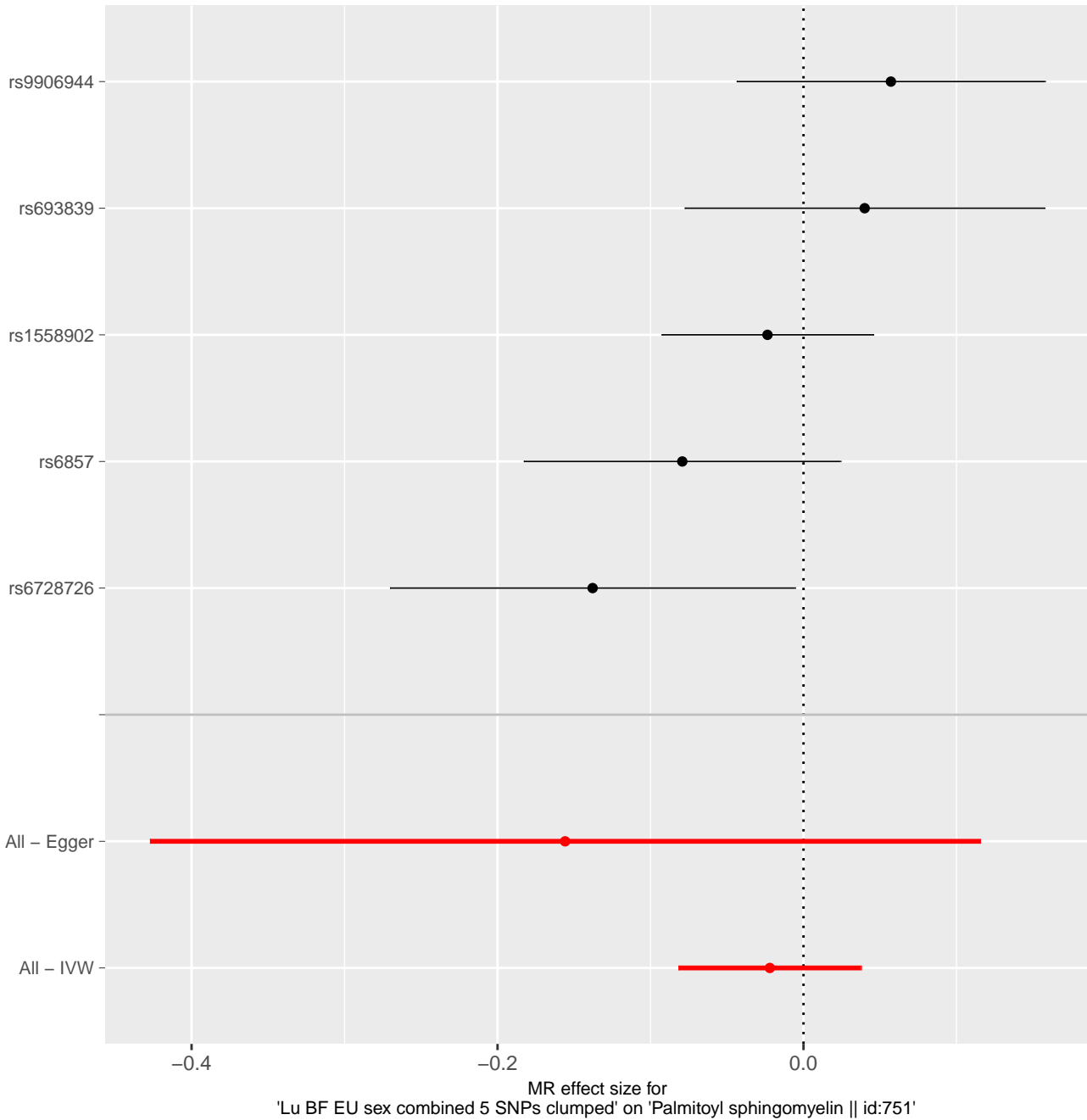
-1

0

1

2

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Ergothioneine || id:750'



rs6857

rs6728726

rs1558902

rs693839

rs9906944

All – Egger

All – IVW

