

rs9906944

rs6857

rs6728726

rs693839

All – Egger

All – IVW

-1

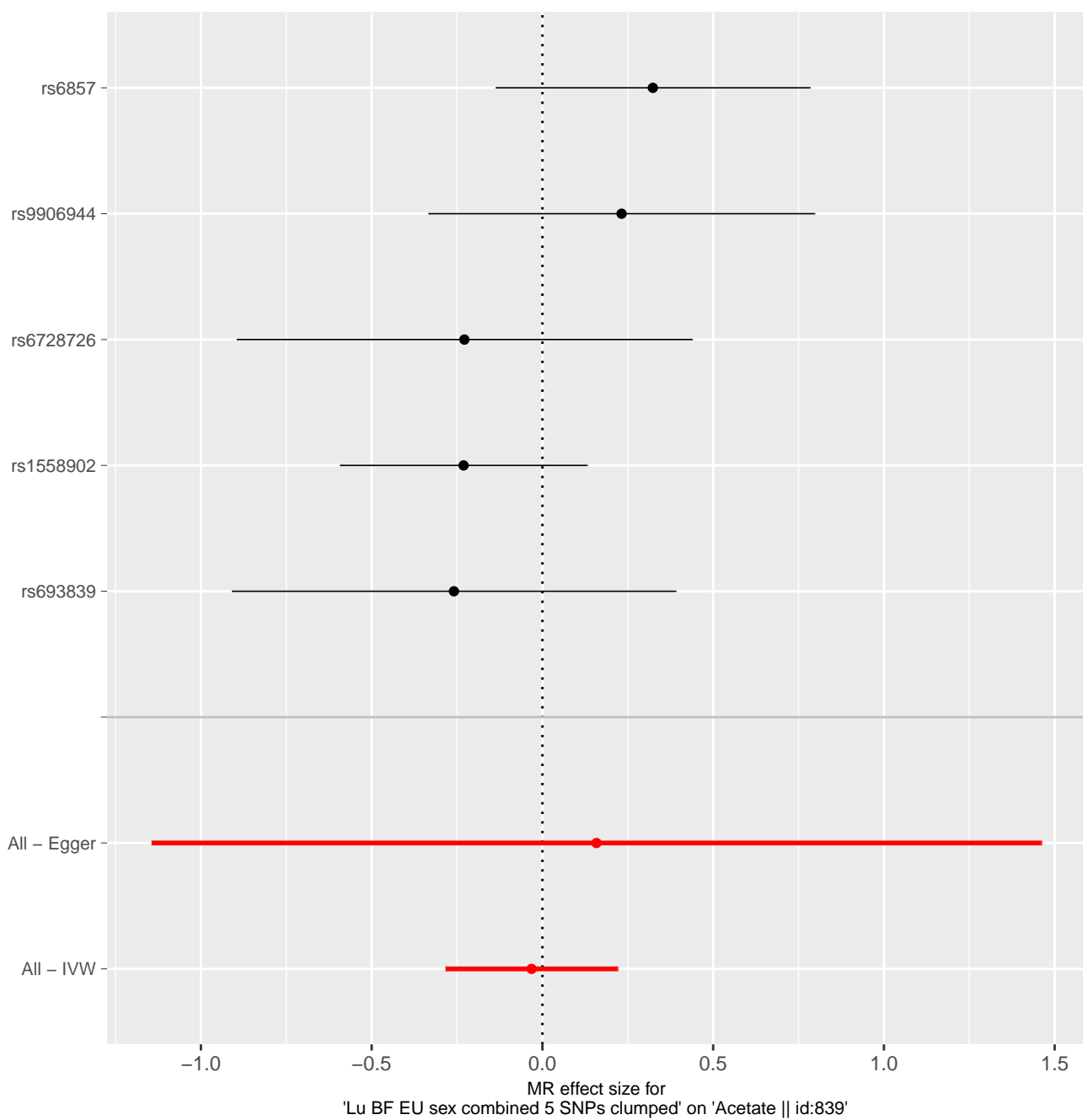
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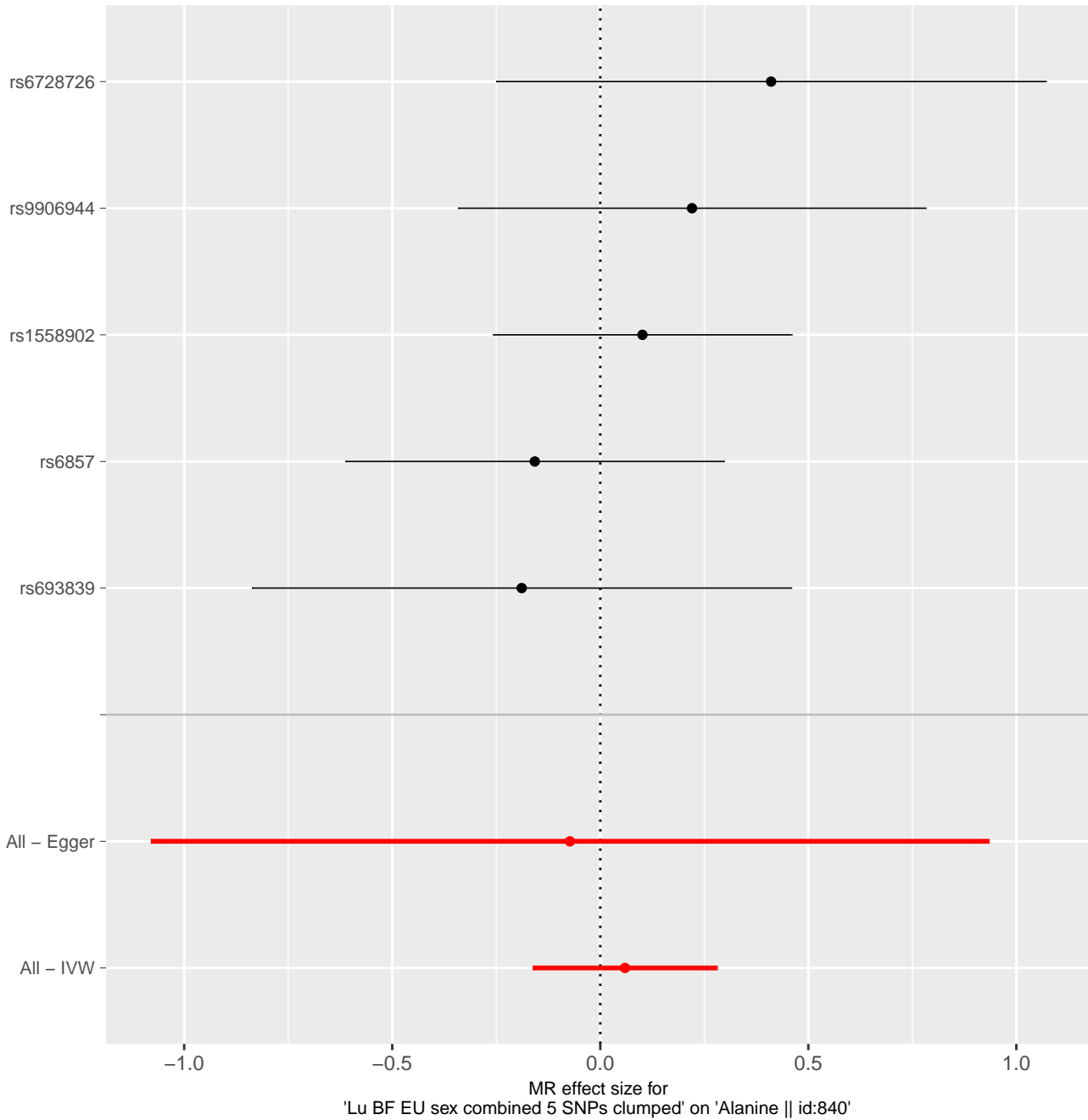
1

2

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Acetoacetate || id:838'





rs9906944

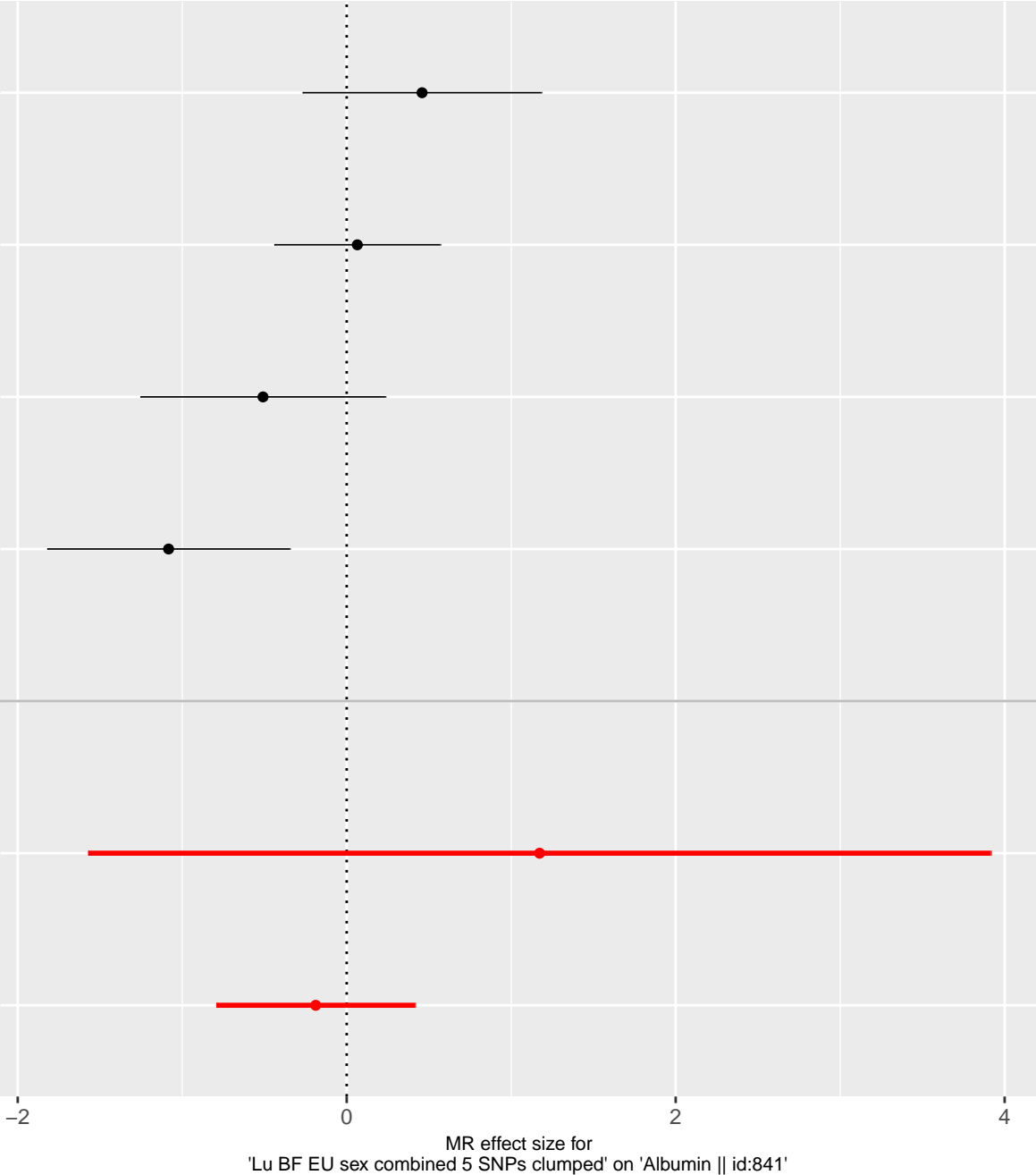
rs6857

rs6728726

rs693839

All – Egger

All – IVW



rs6728726

rs693839

rs9906944

rs6857

All – Egger

All – IVW

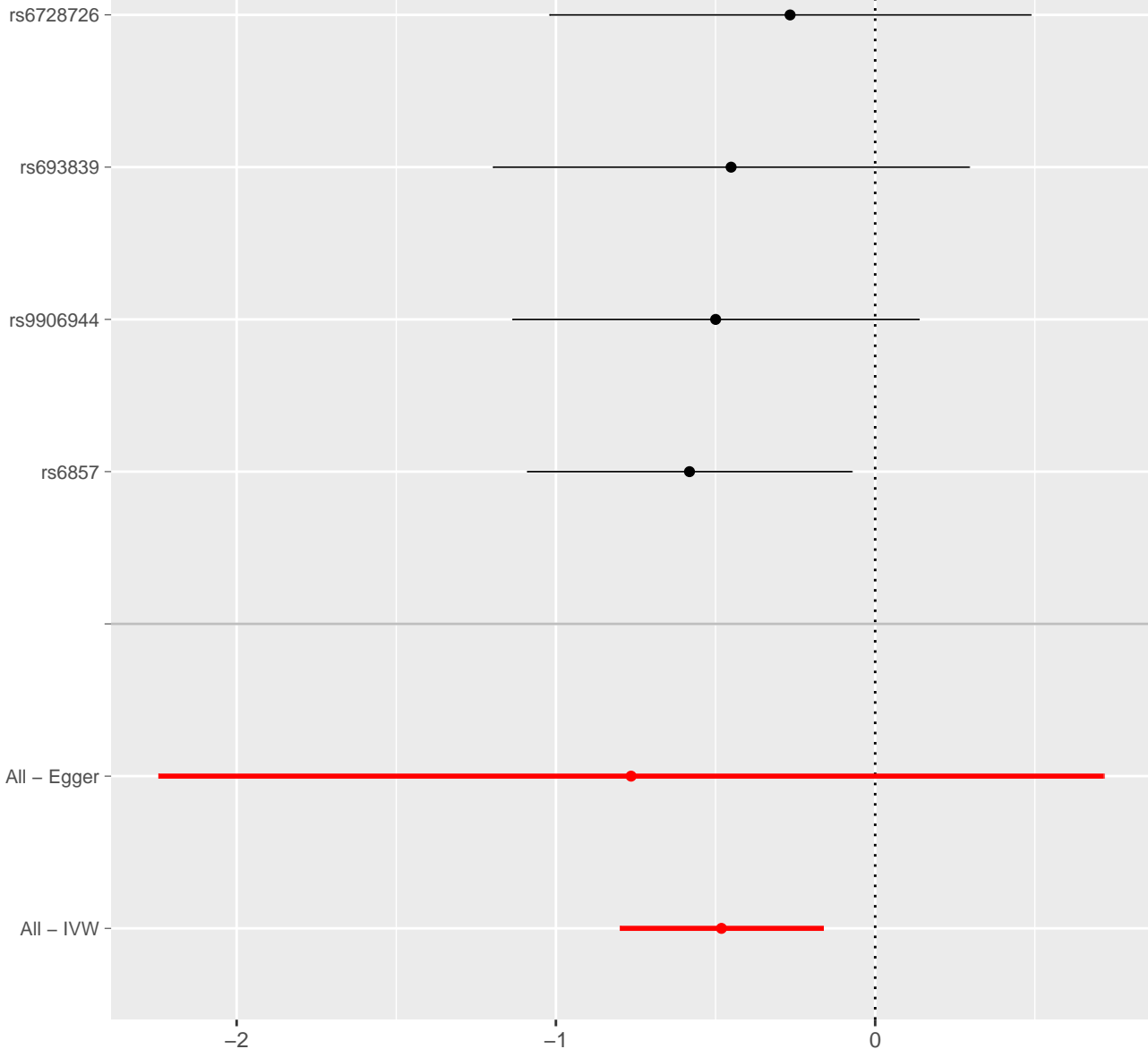
-2

-1

0

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Apolipoprotein A-I || id:842'



rs1558902

rs6728726

rs9906944

rs693839

rs6857

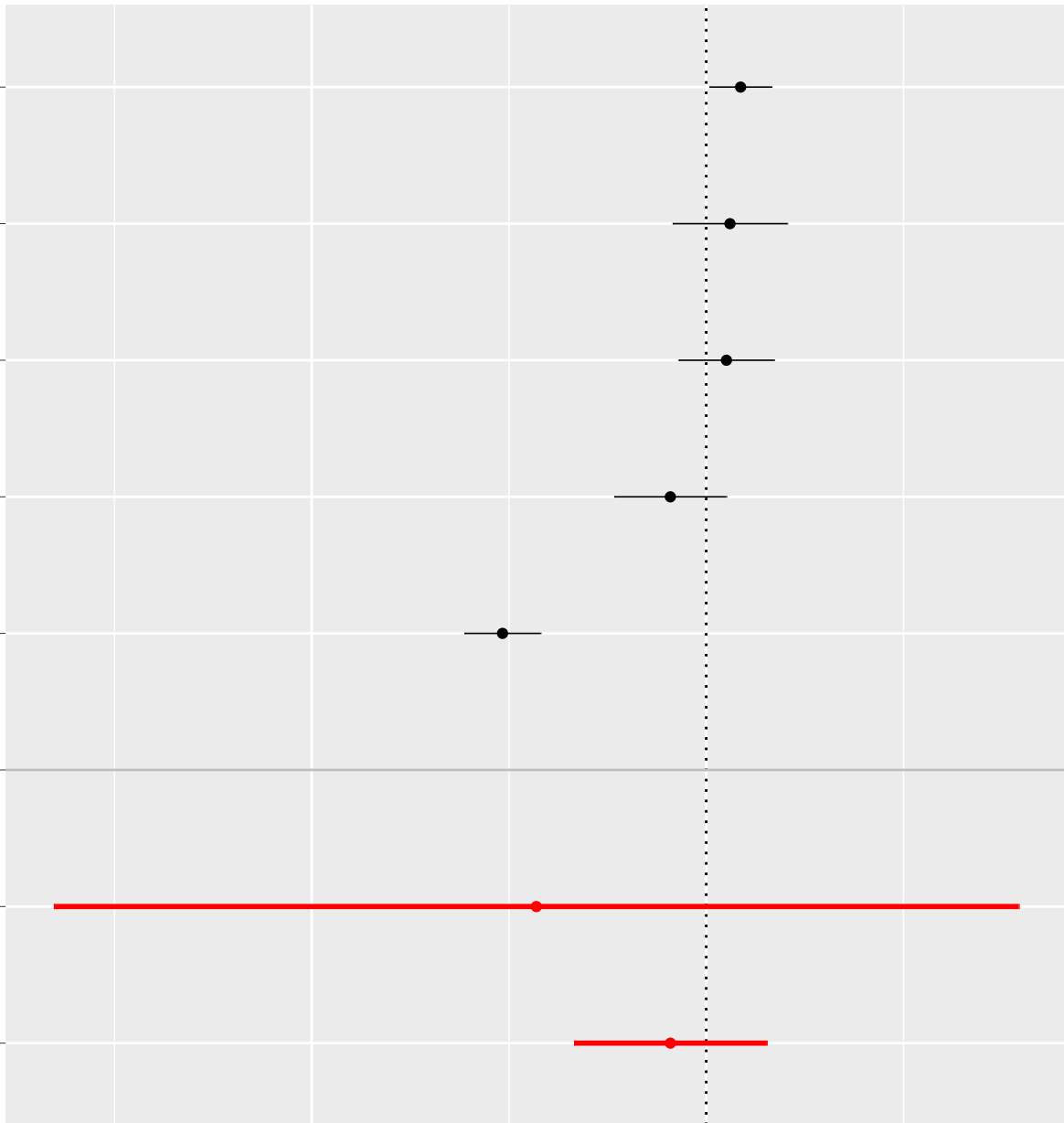
All – Egger

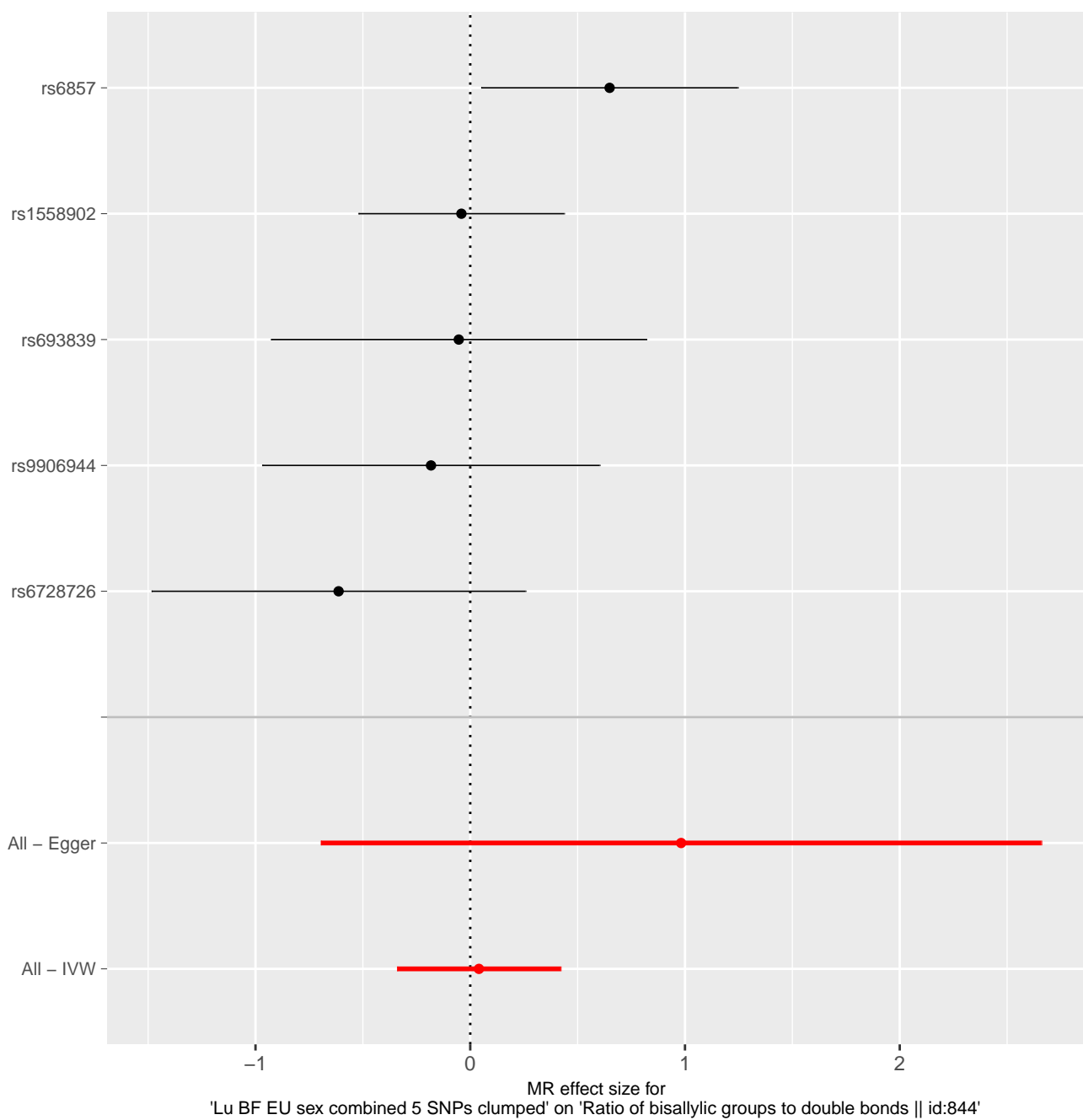
All – IVW

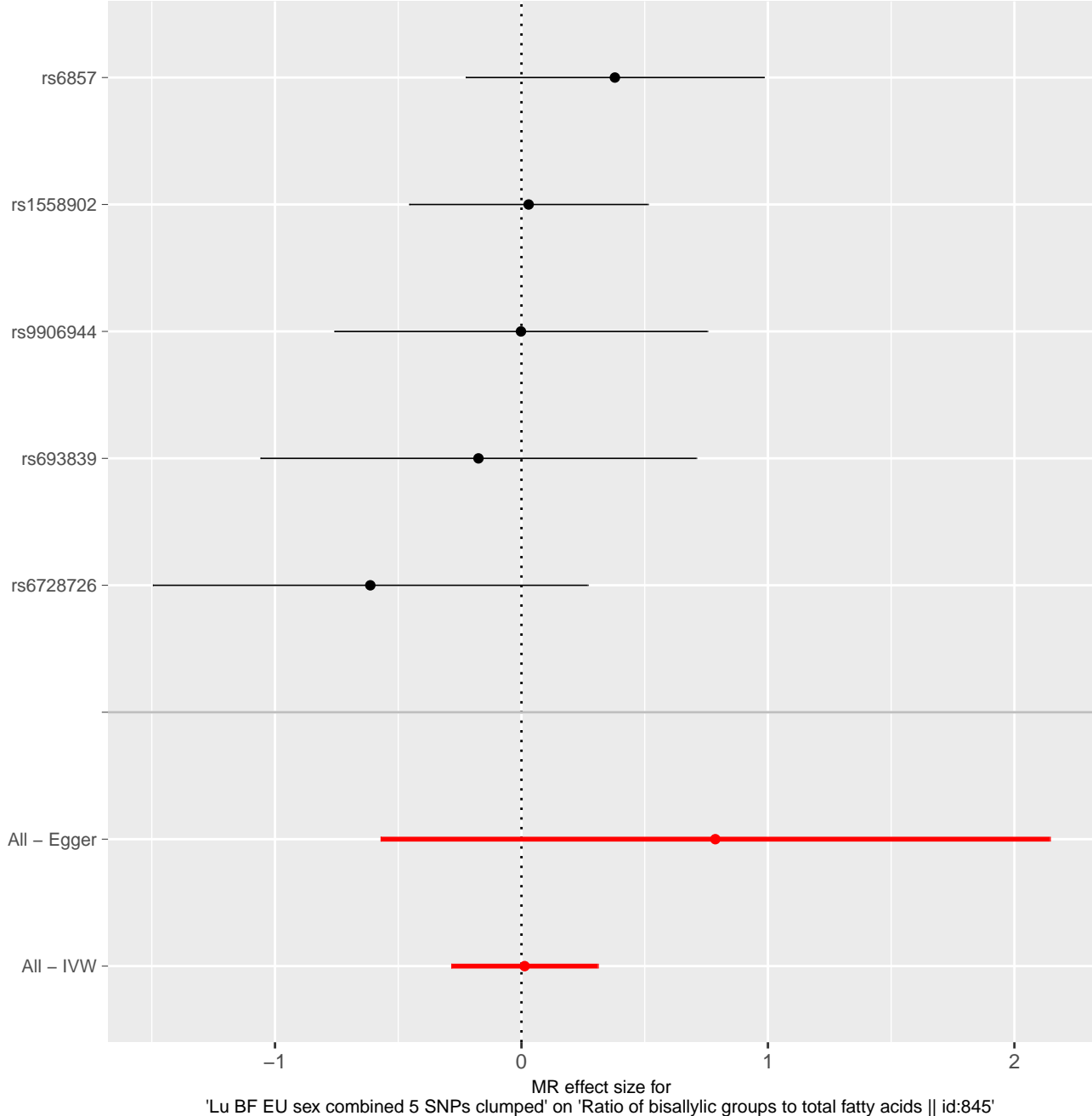
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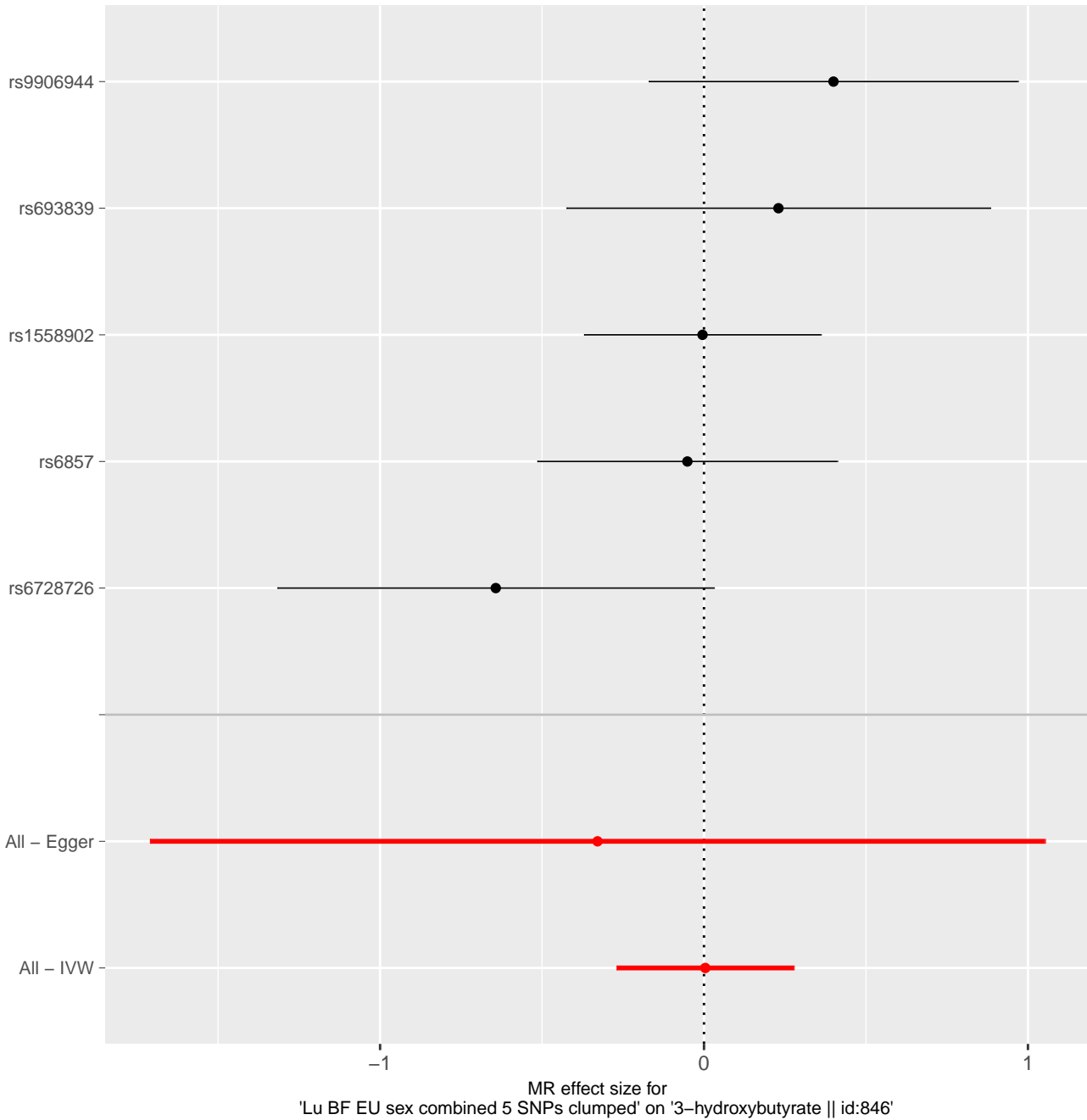
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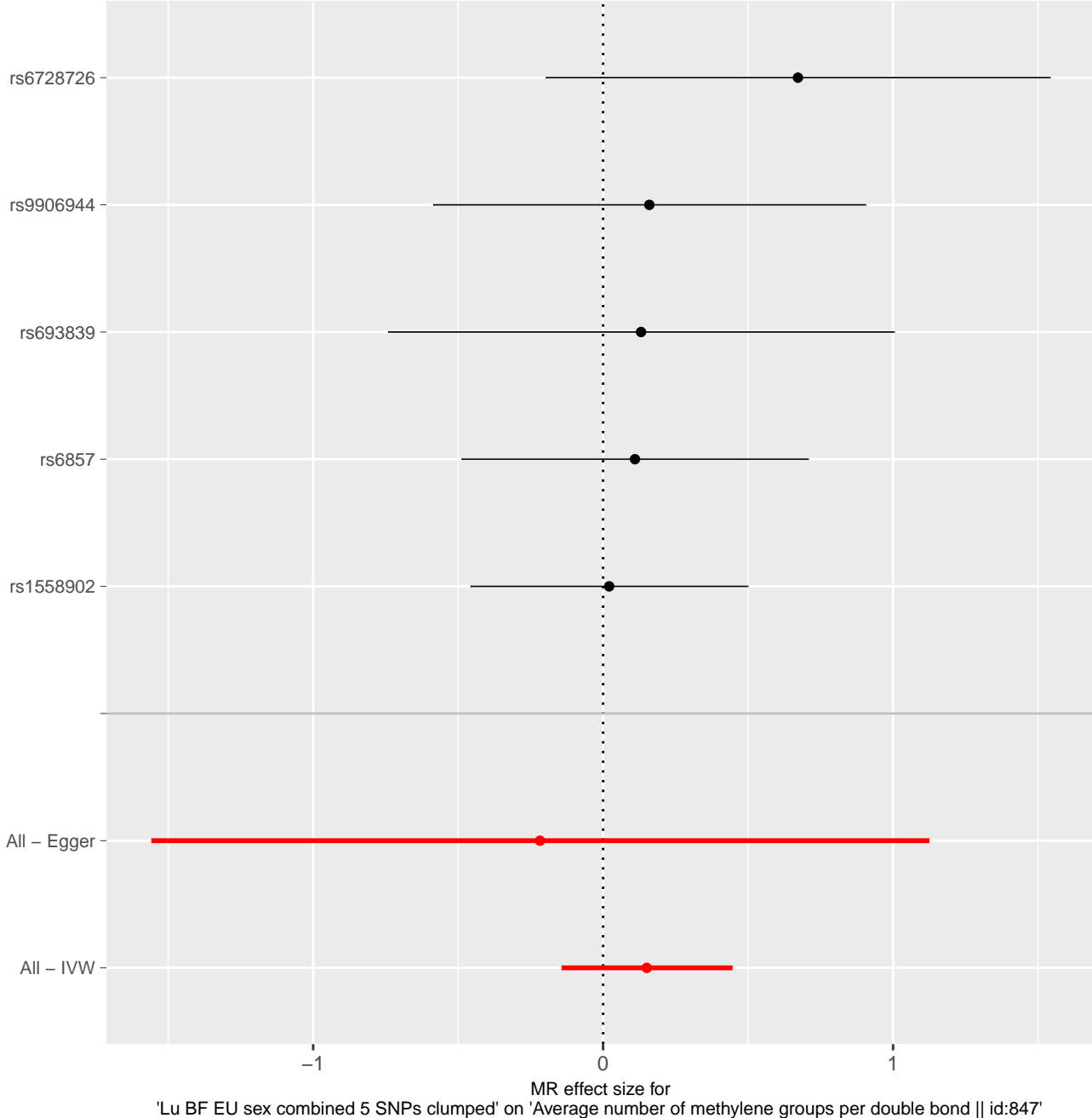
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Apolipoprotein B || id:843'

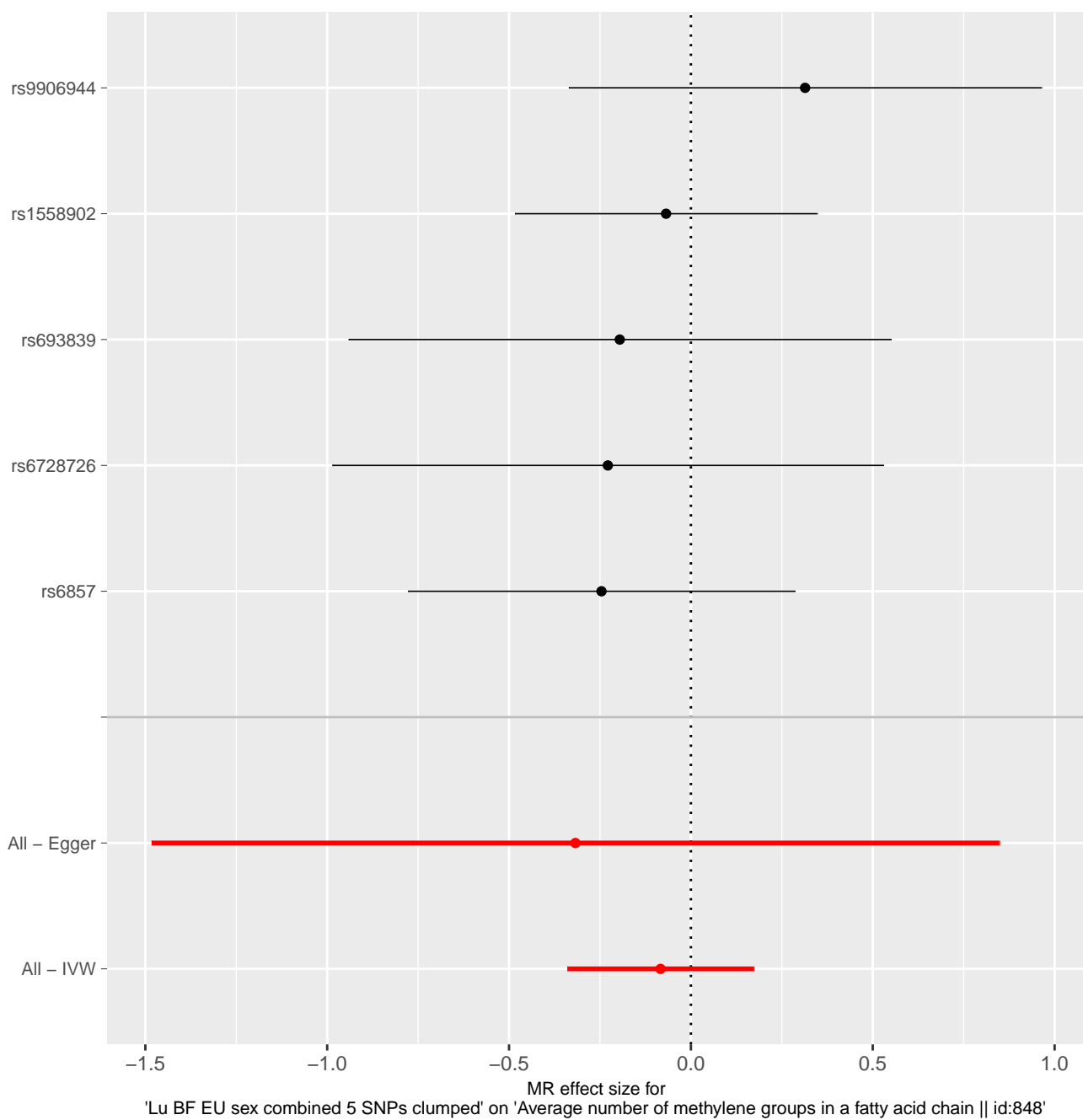


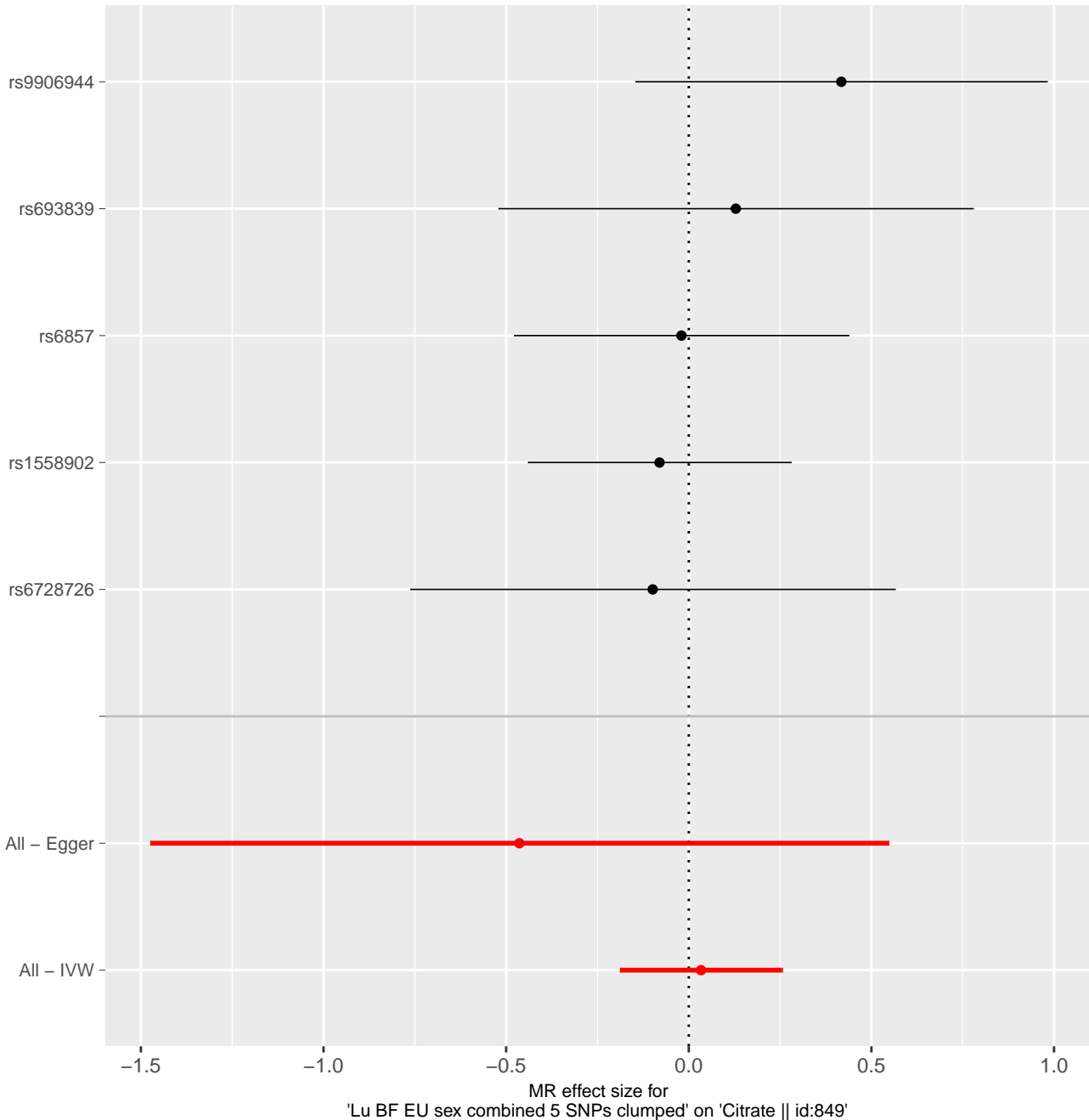


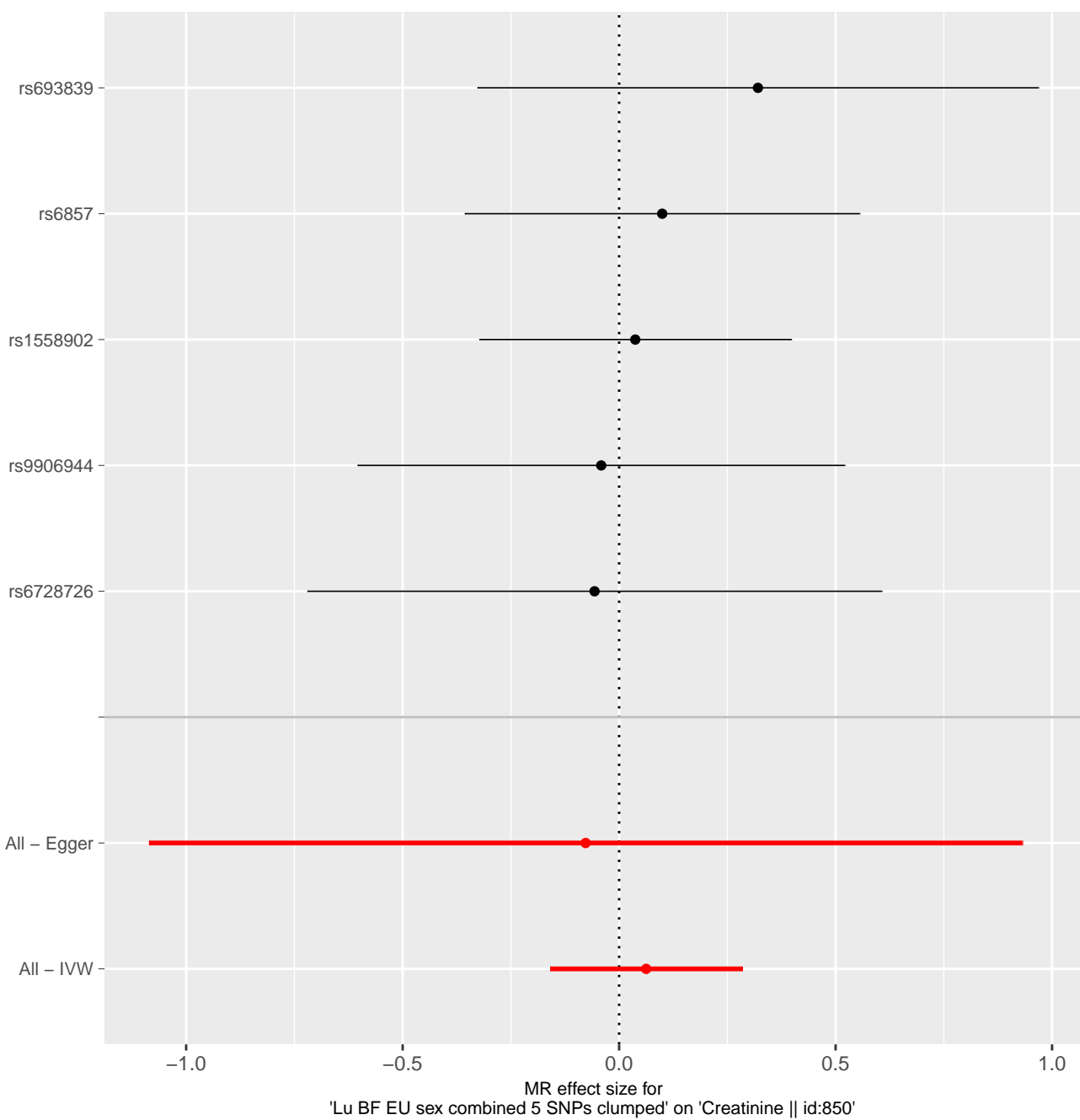


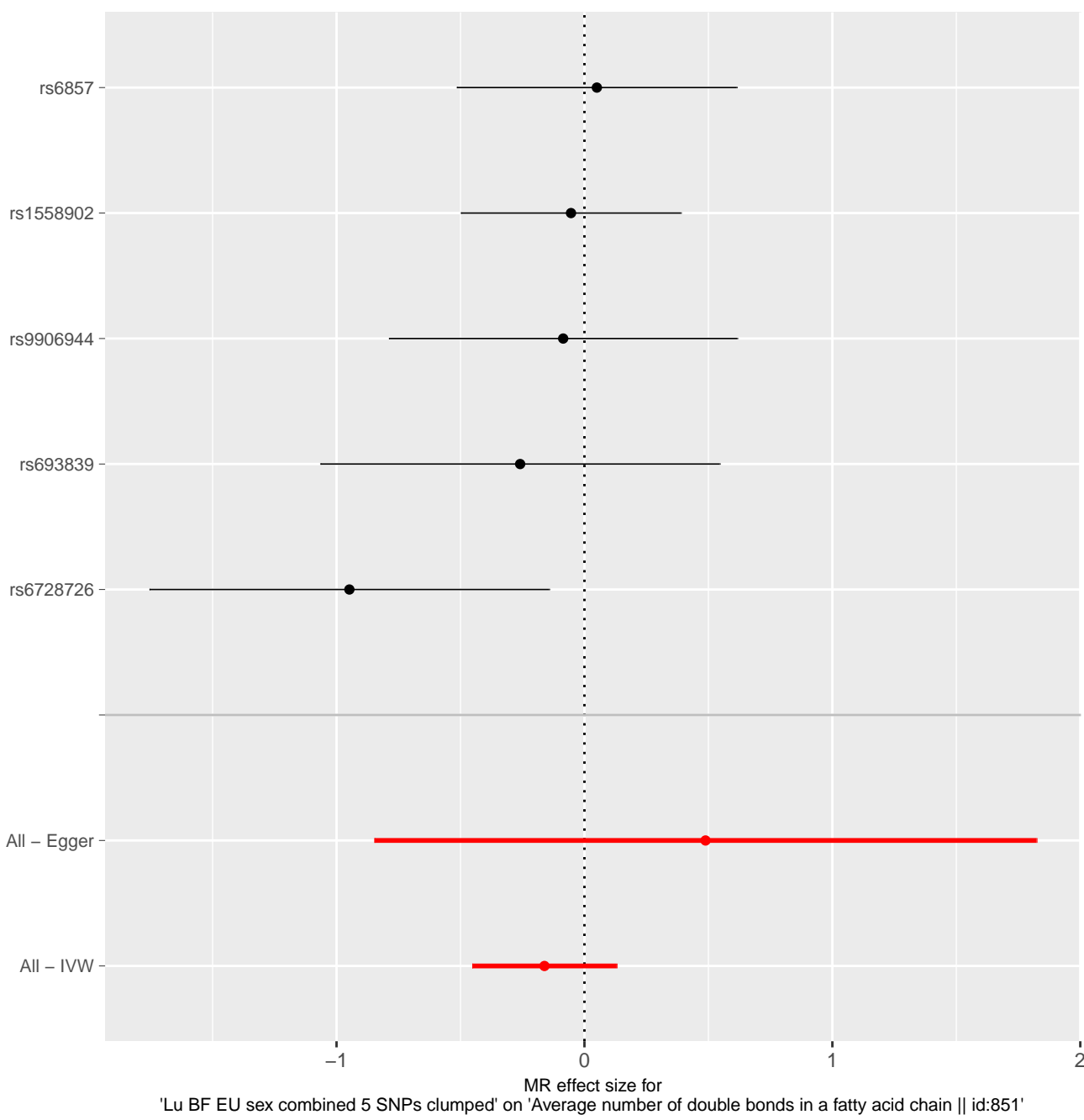


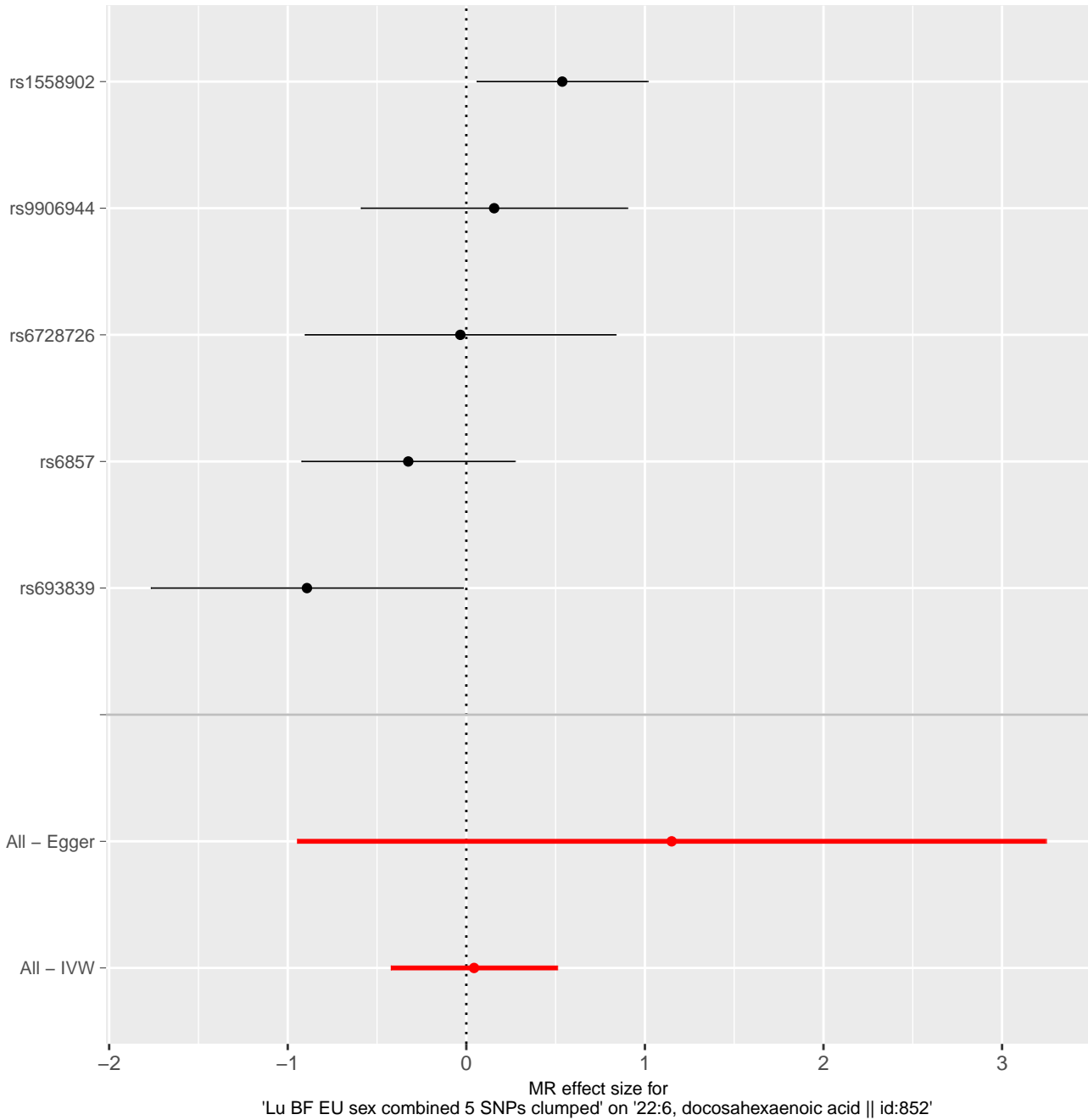












rs1558902

rs9906944

rs6728726

rs693839

rs6857

All – Egger

All – IVW

-5.0

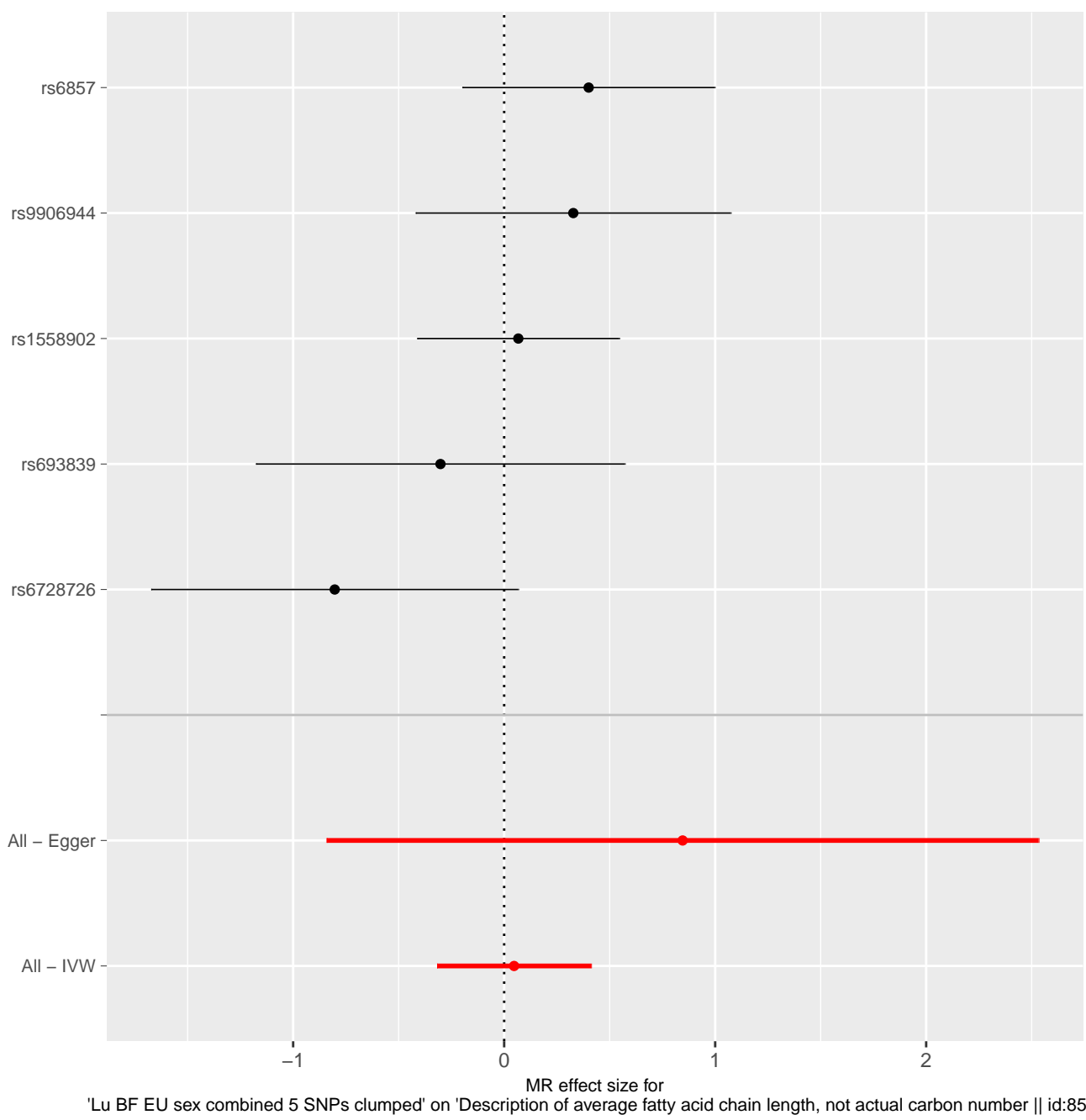
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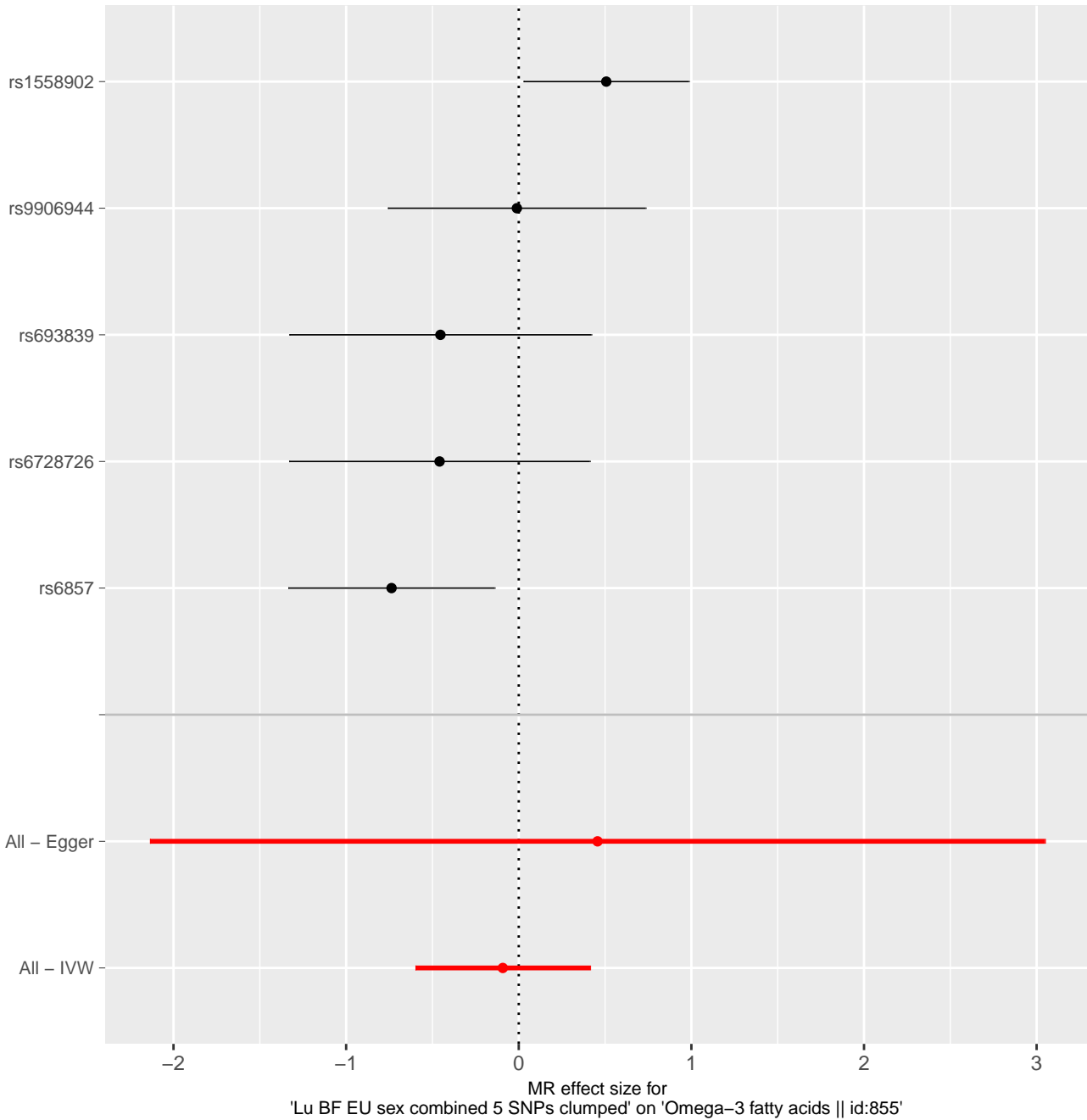
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2.5

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Free cholesterol to esterified cholesterol ratio || id:853'





rs9906944

rs1558902

rs6728726

rs693839

rs6857

All – Egger

All – IVW

-5.0

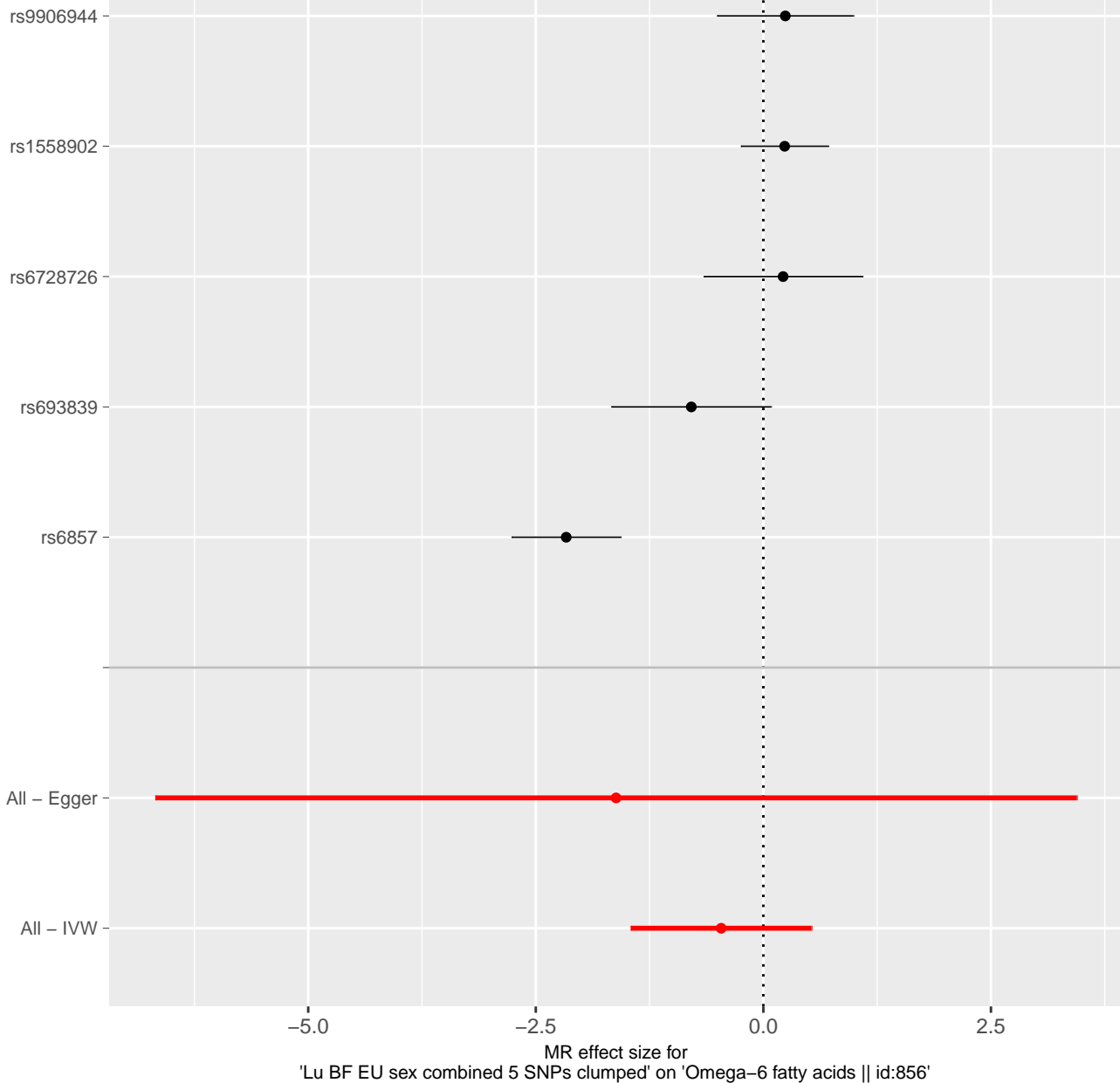
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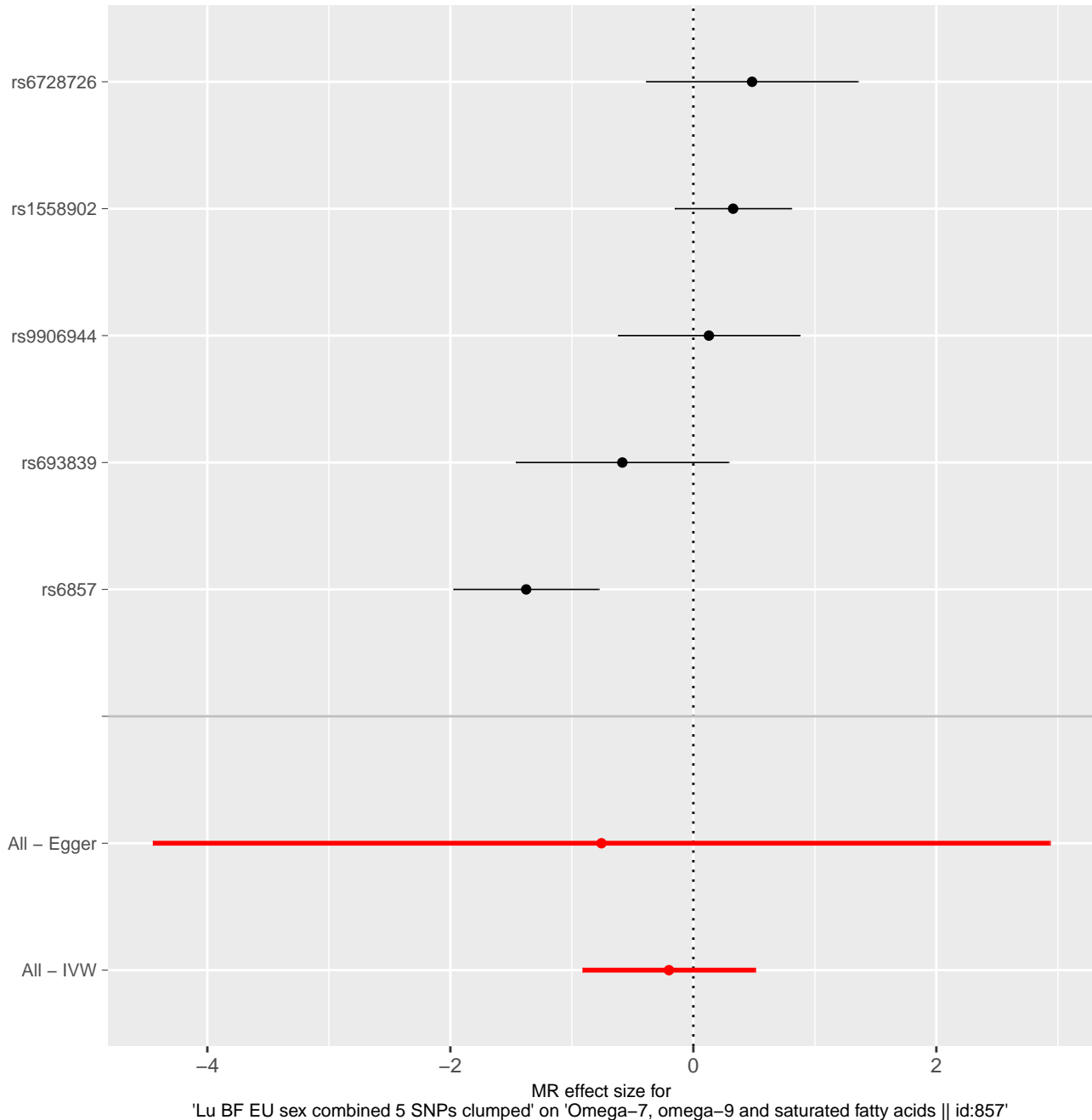
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2.5

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Omega-6 fatty acids || id:856'





rs1558902

rs9906944

rs6728726

rs693839

rs6857

All – Egger

All – IVW

-4

-2

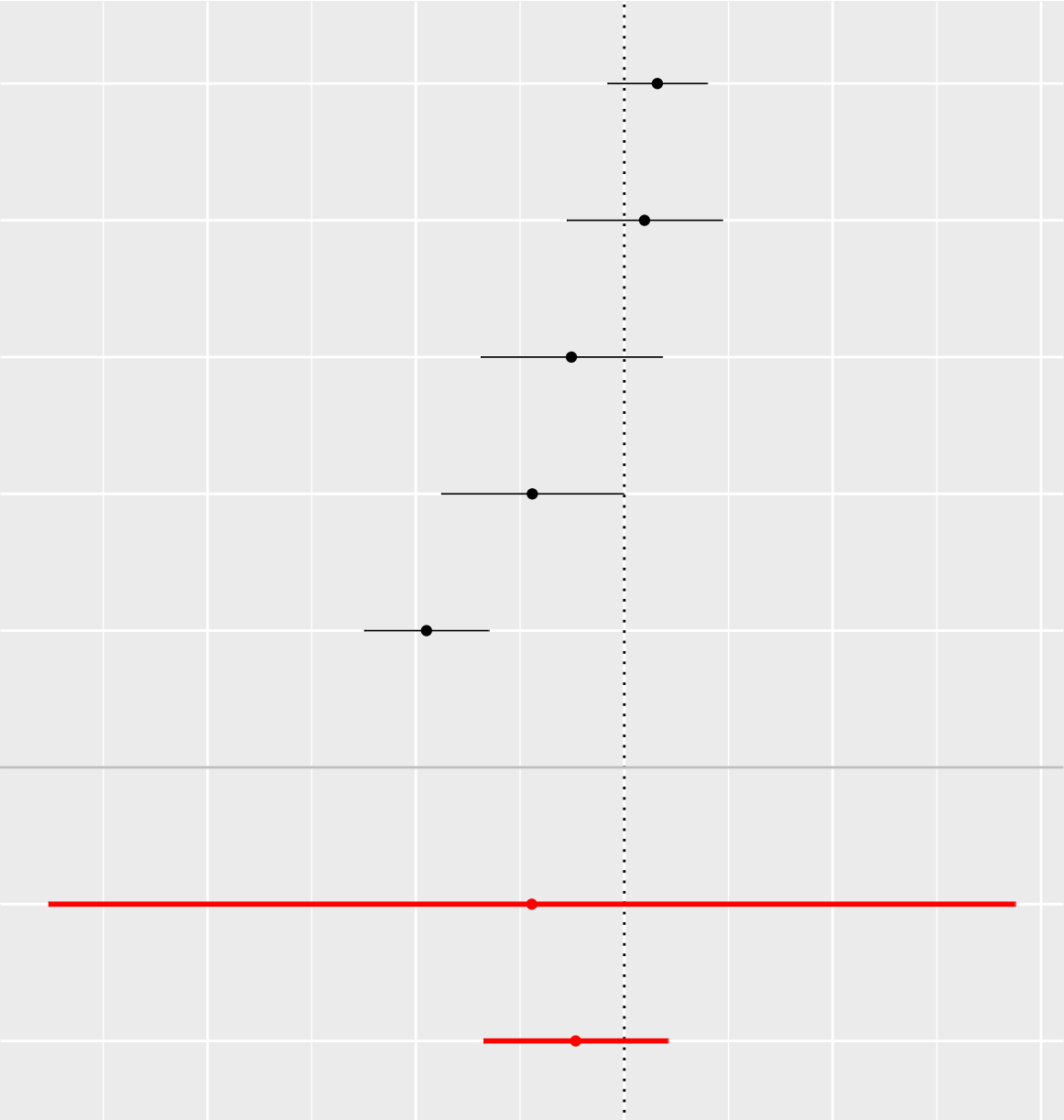
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2

4

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Free cholesterol || id:858'



rs9906944

rs6728726

rs6857

rs1558902

rs693839

All – Egger

All – IVW

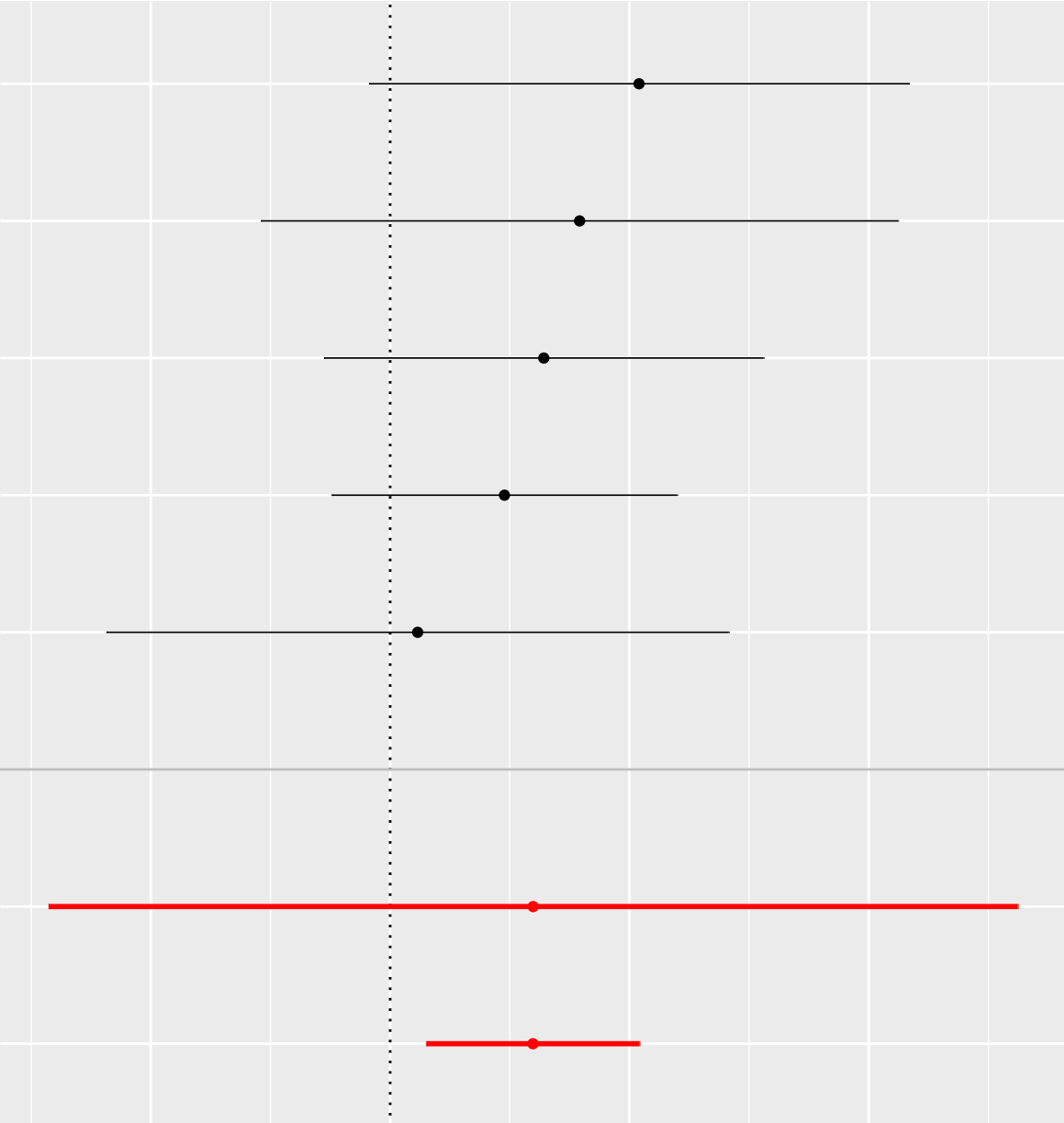
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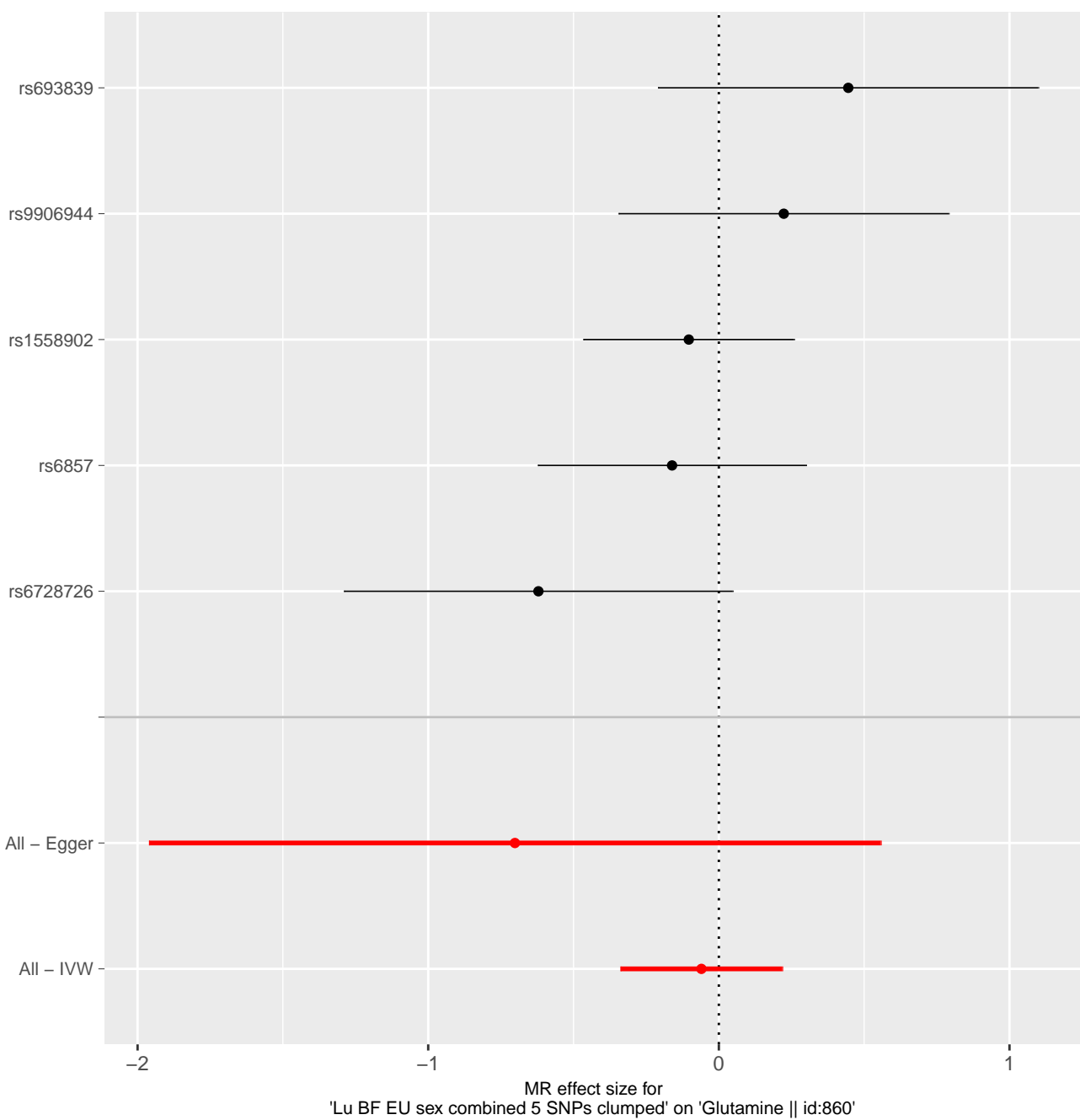
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0.5

1.0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Glucose || id:859'





rs6728726

rs1558902

rs9906944

rs6857

rs693839

All – Egger

All – IVW

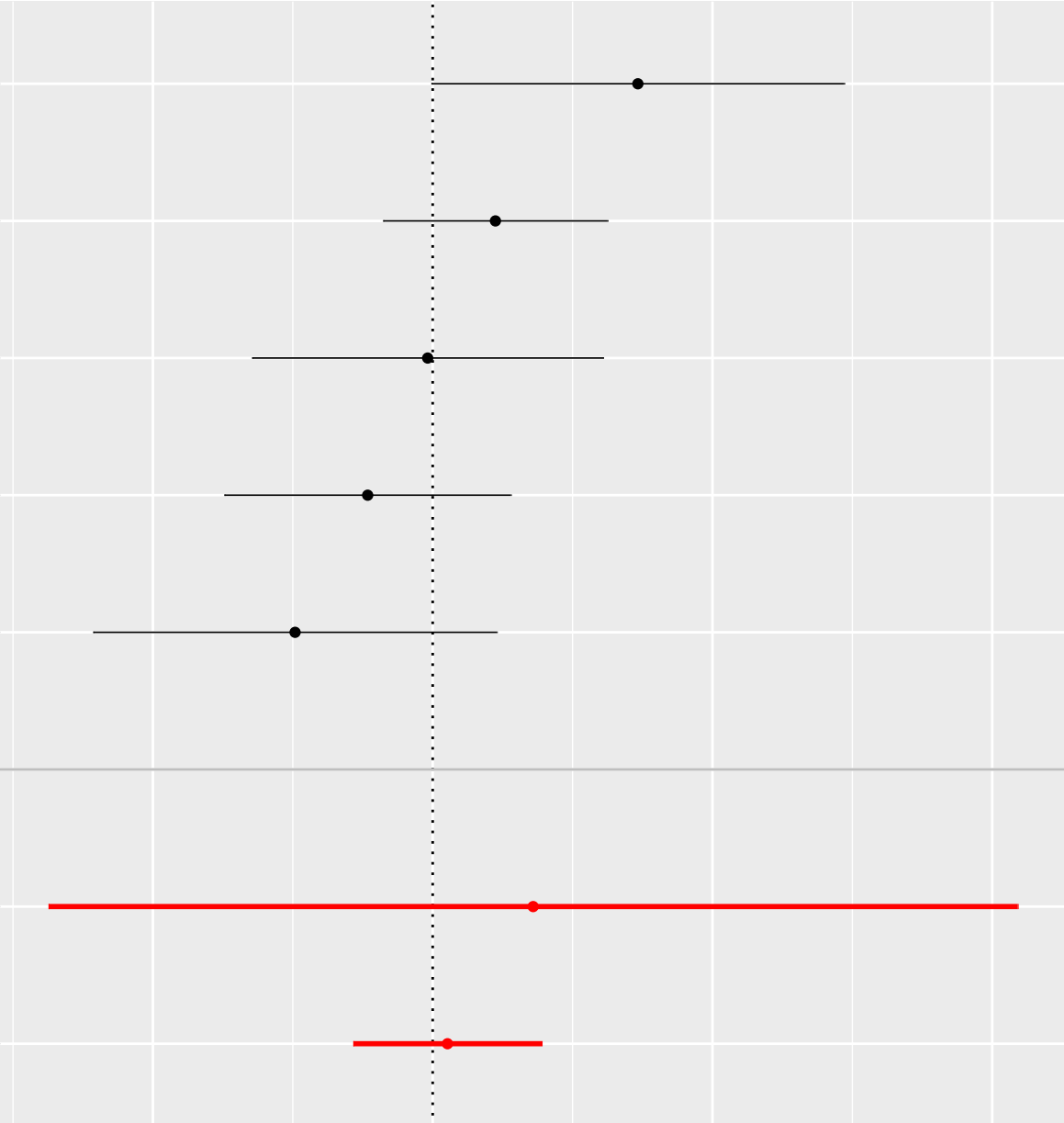
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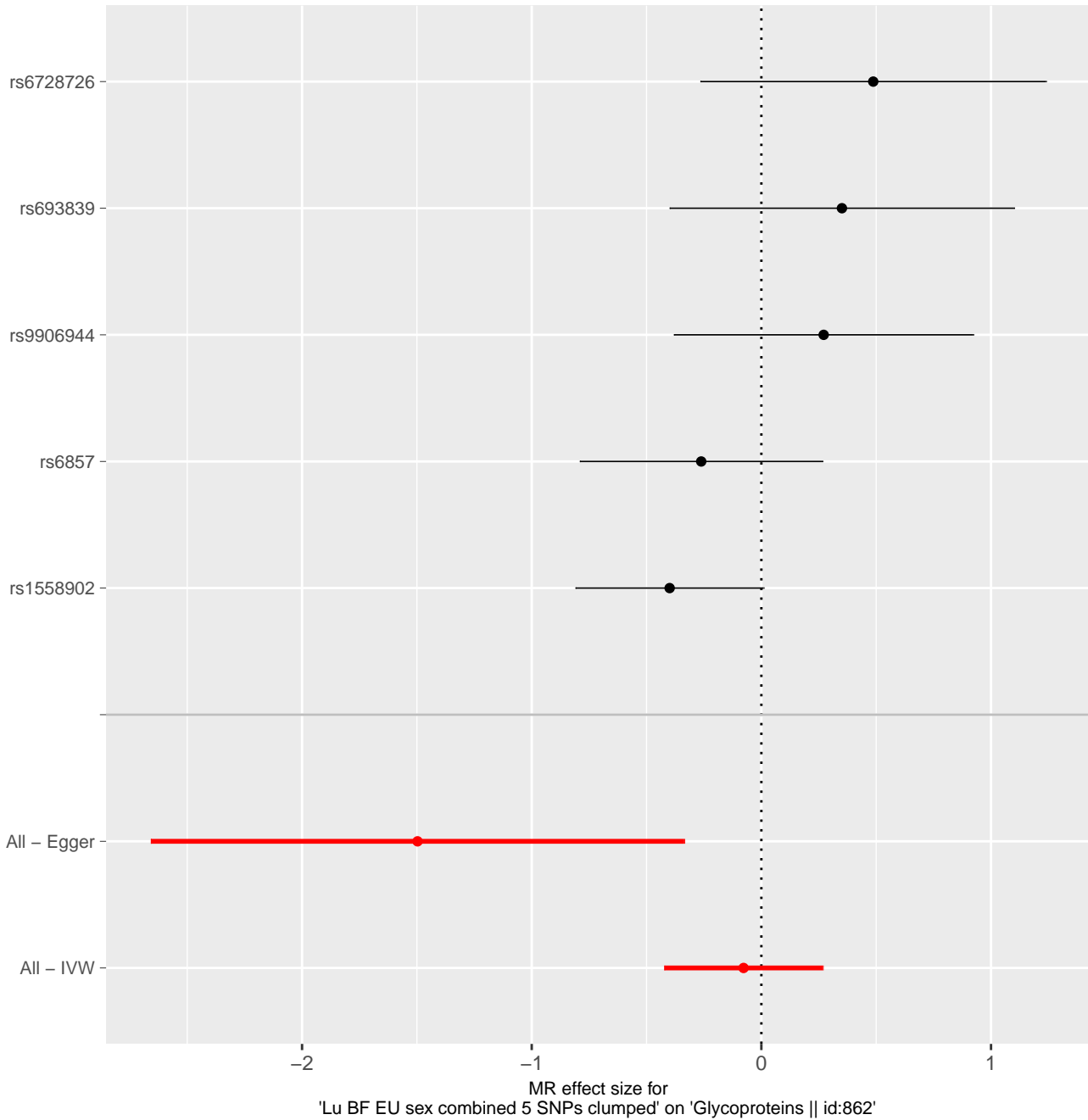
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1

2

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Glycerol || id:861'





rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

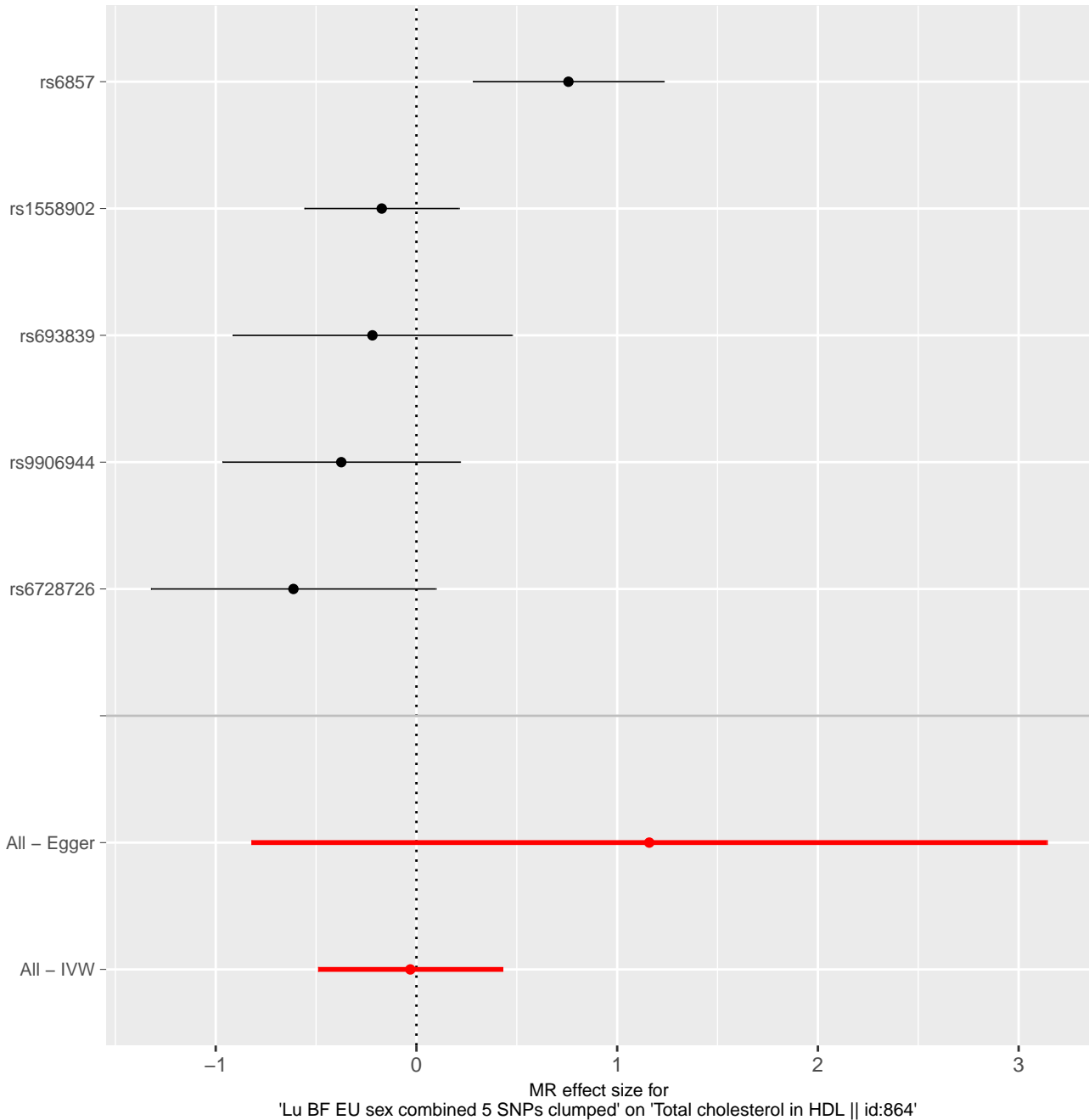
-4

-2

0

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Glycoprotein acetyls || id:863'



rs6857

rs693839

rs9906944

rs6728726

All – Egger

All – IVW

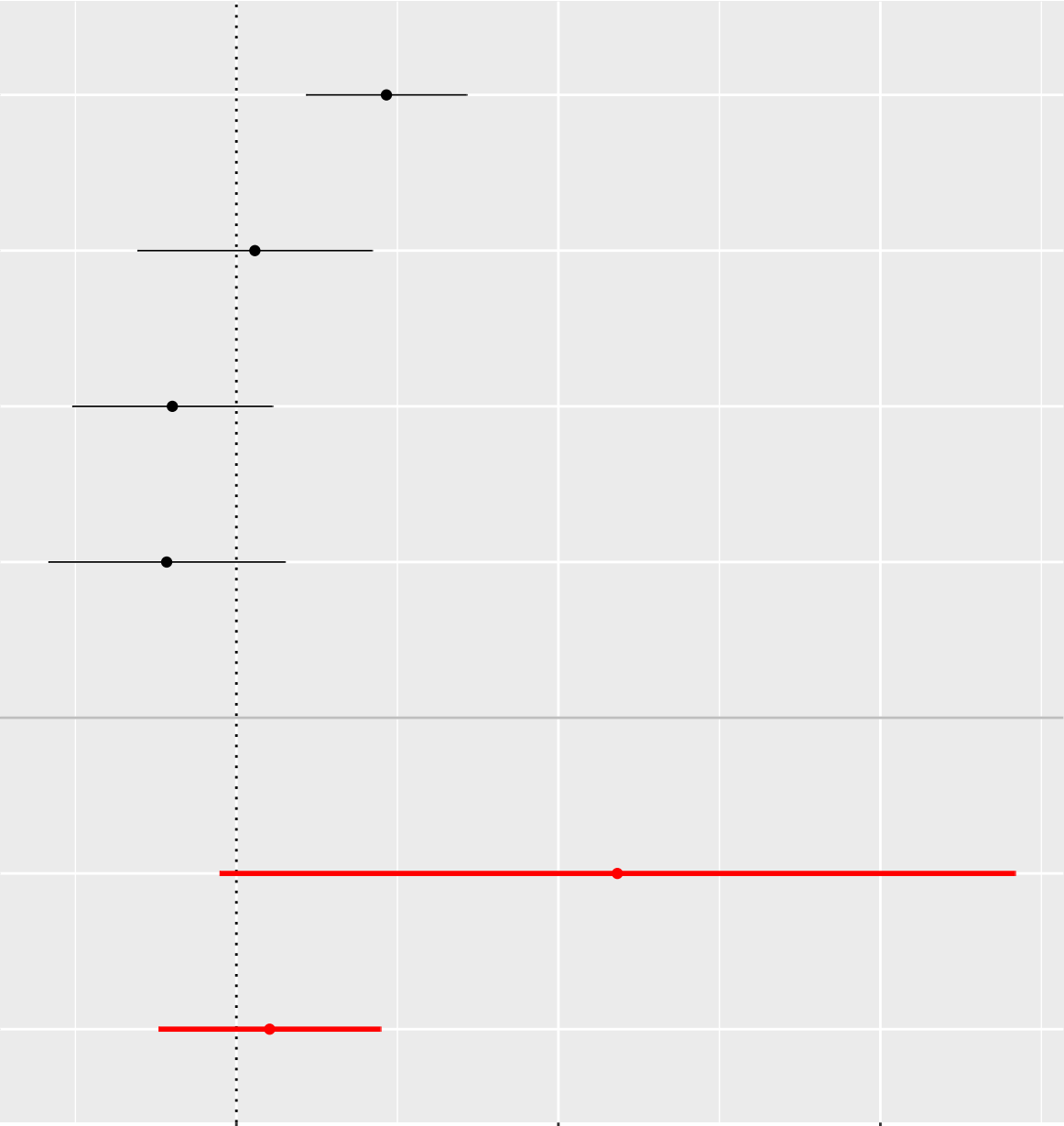
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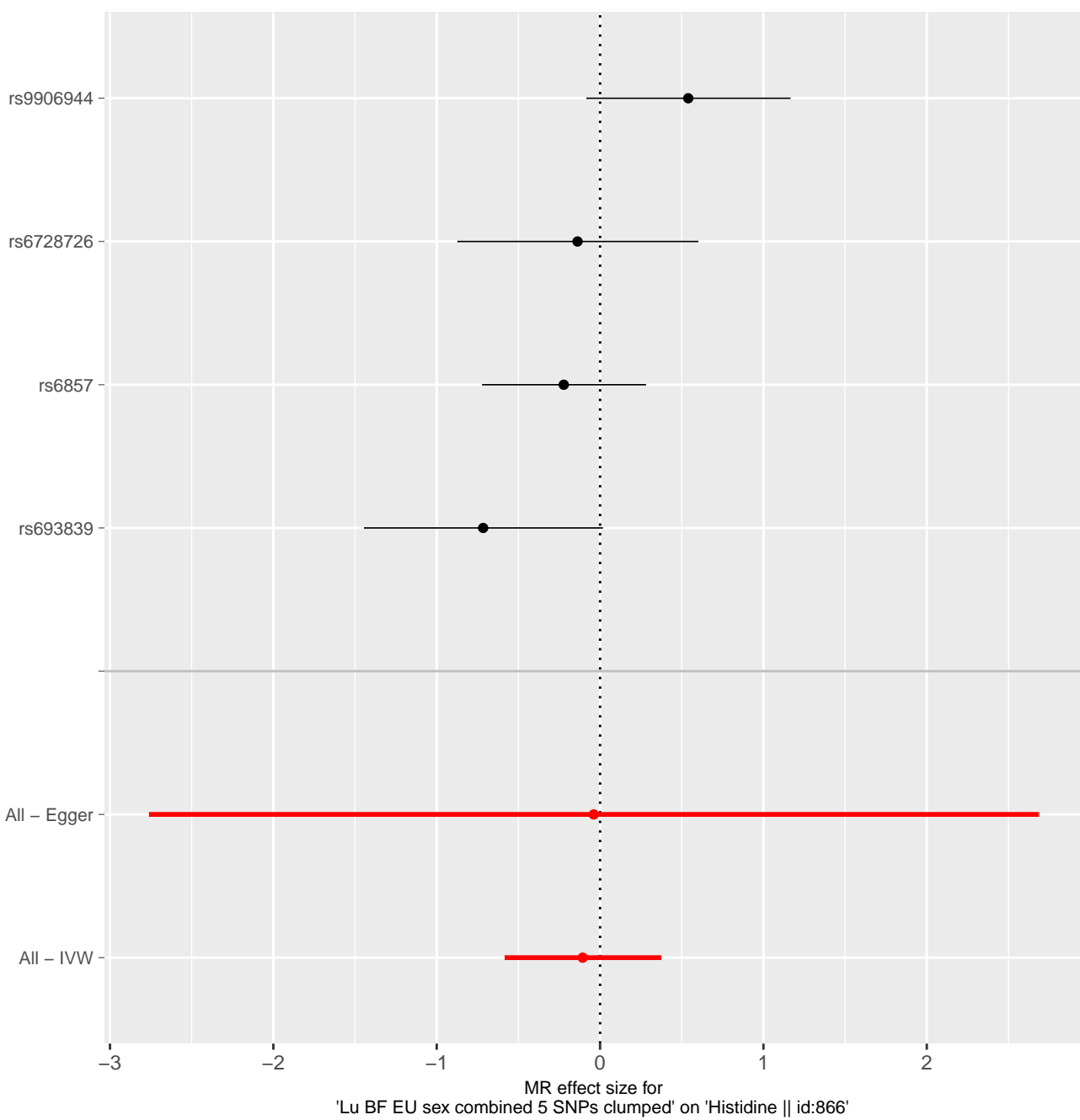
2

4

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Mean diameter for HDL particles || id:865'





rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-7.5

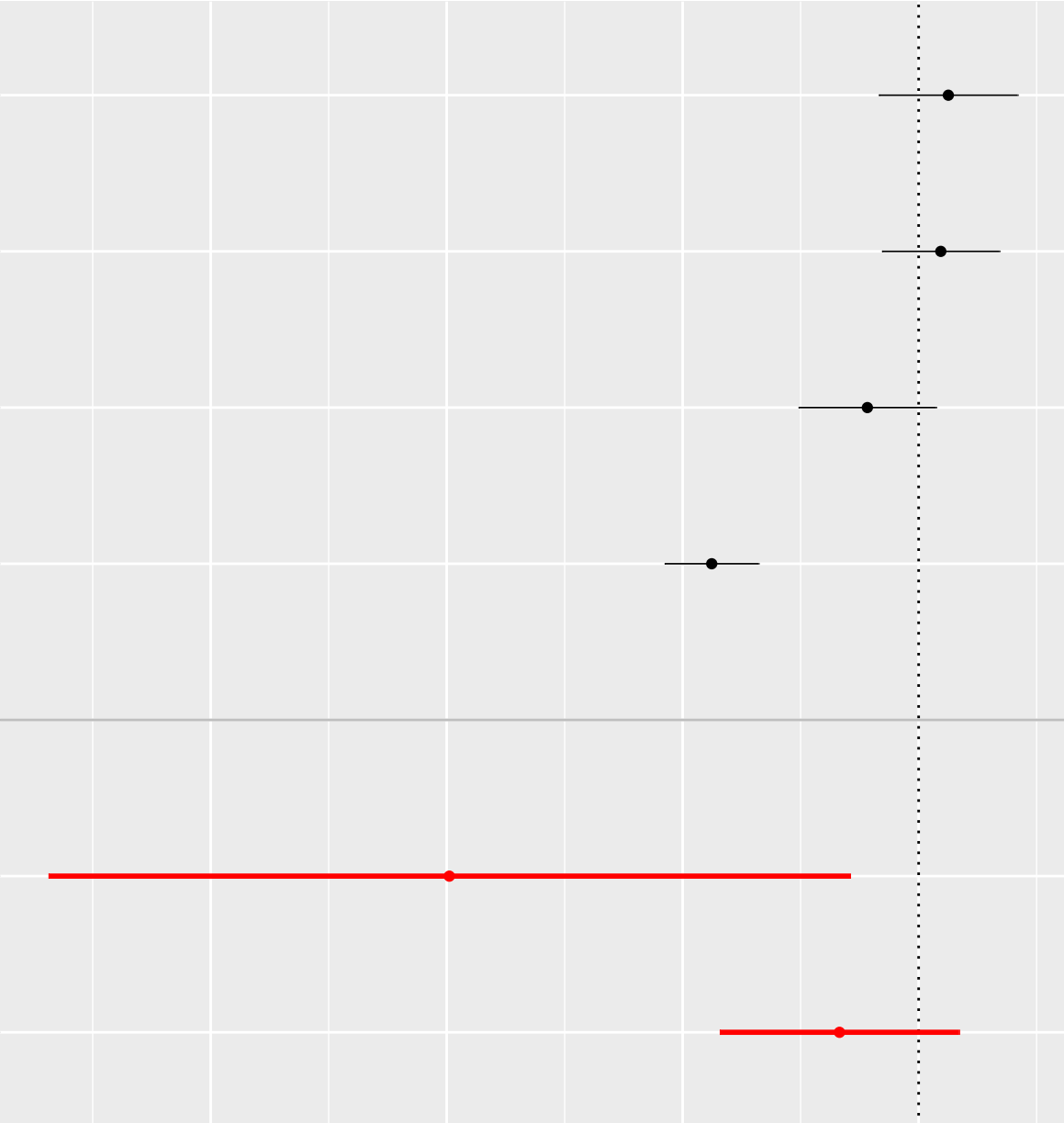
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-2.5

0.0

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Total cholesterol in IDL || id:867'



rs9906944

rs1558902

rs6728726

rs693839

rs6857

All – Egger

All – IVW

–5.0

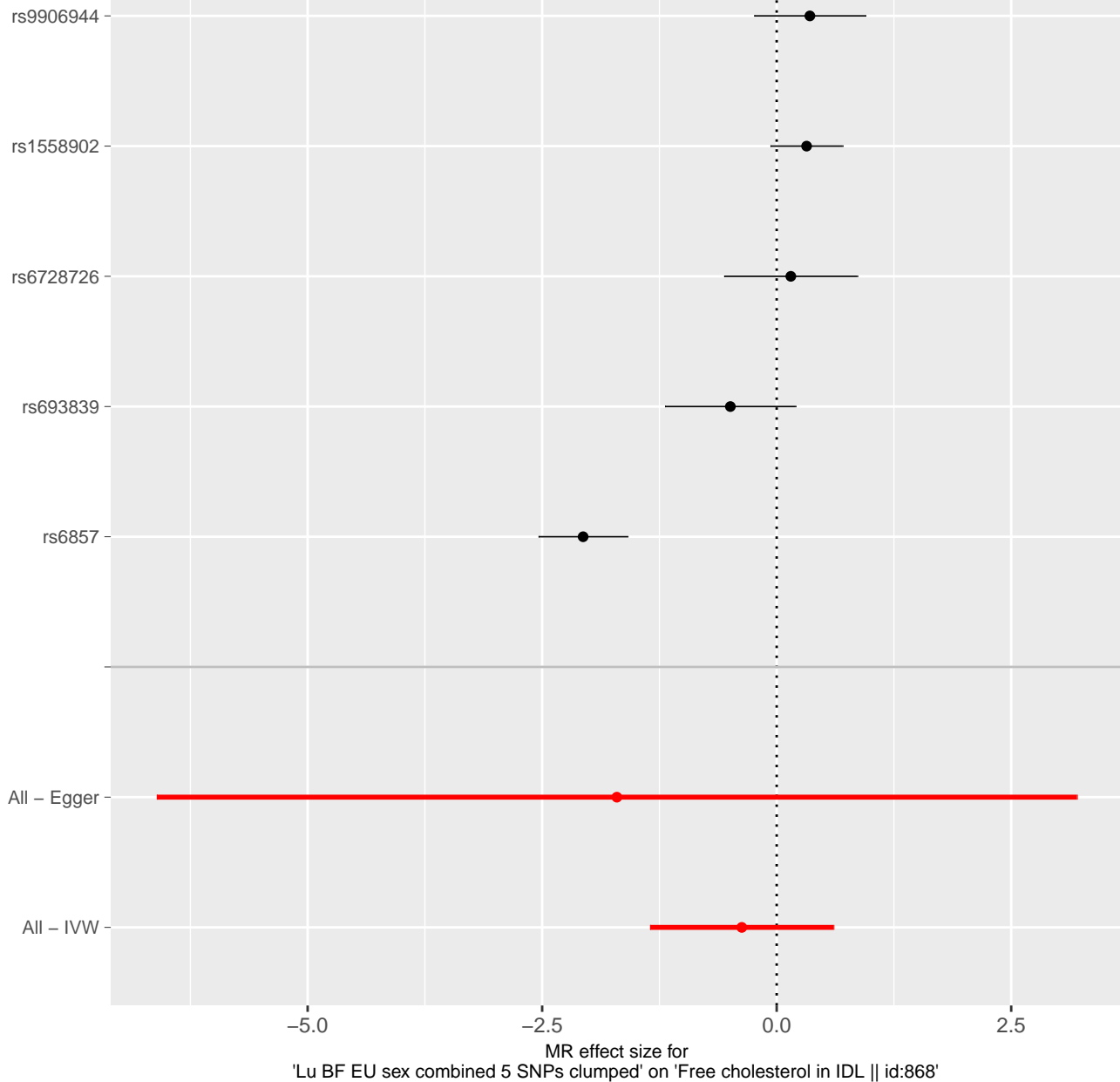
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0.0

2.5

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Free cholesterol in IDL || id:868'



rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-10.0

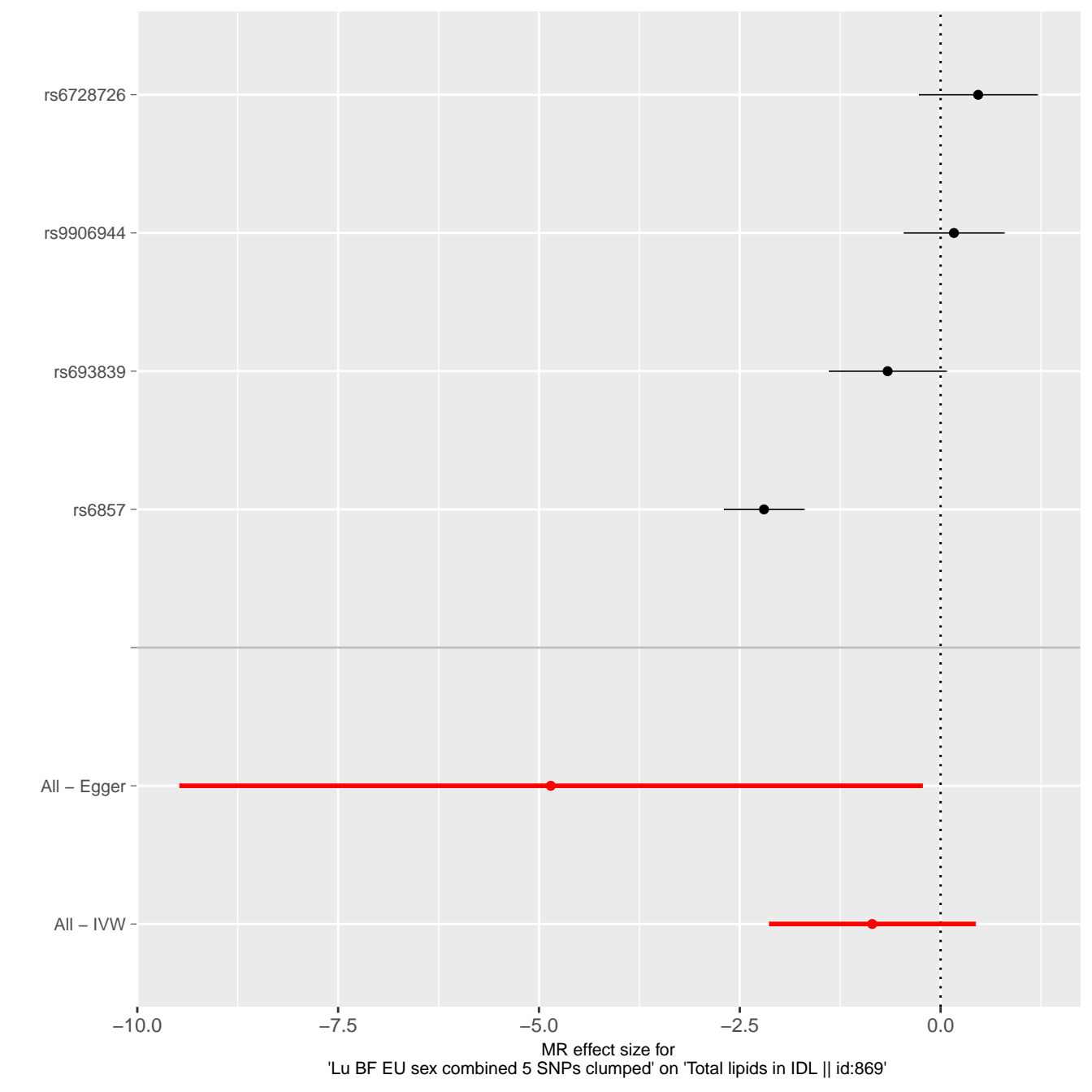
-7.5

-5.0

-2.5

0.0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Total lipids in IDL || id:869'



rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-10.0

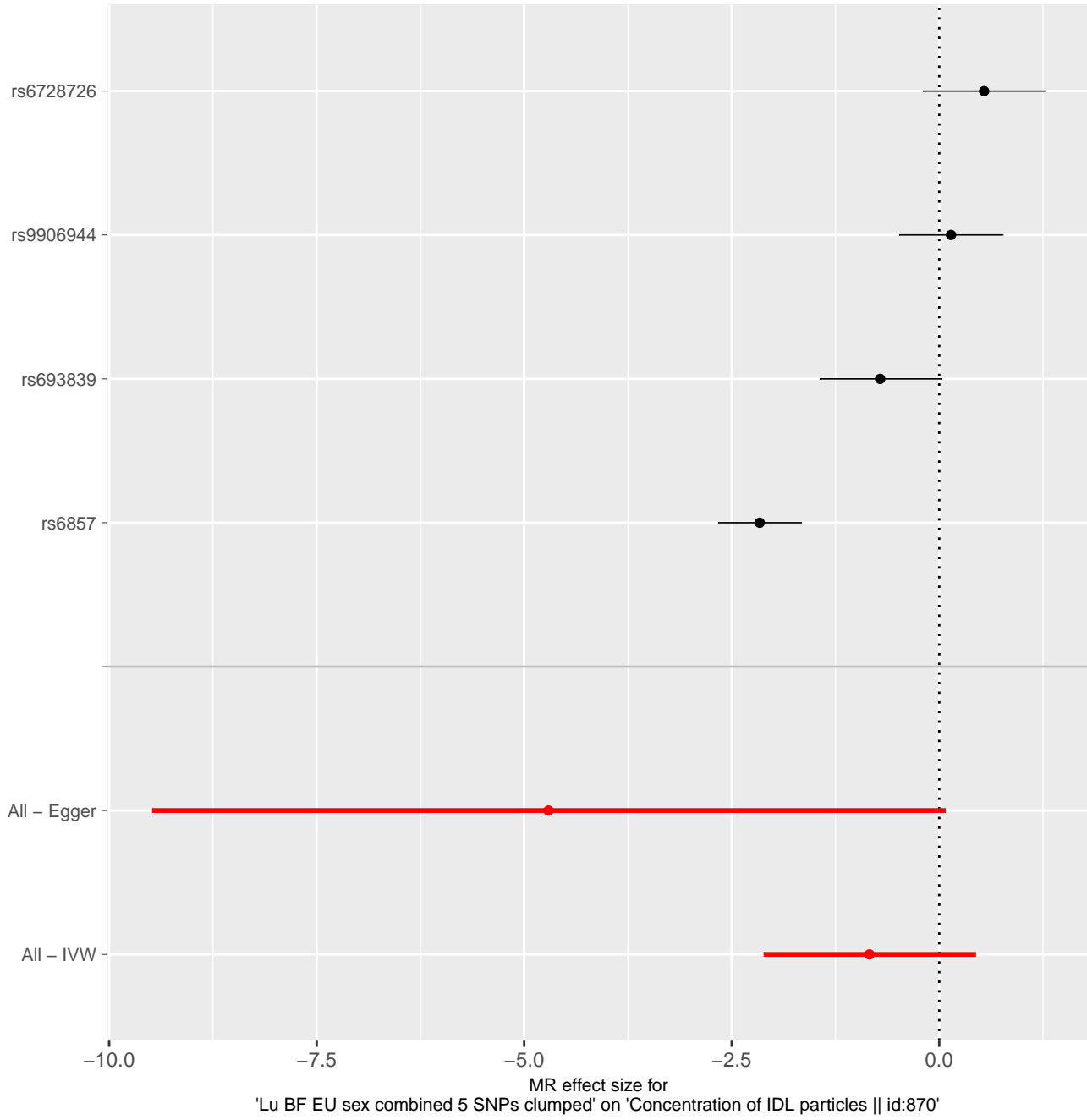
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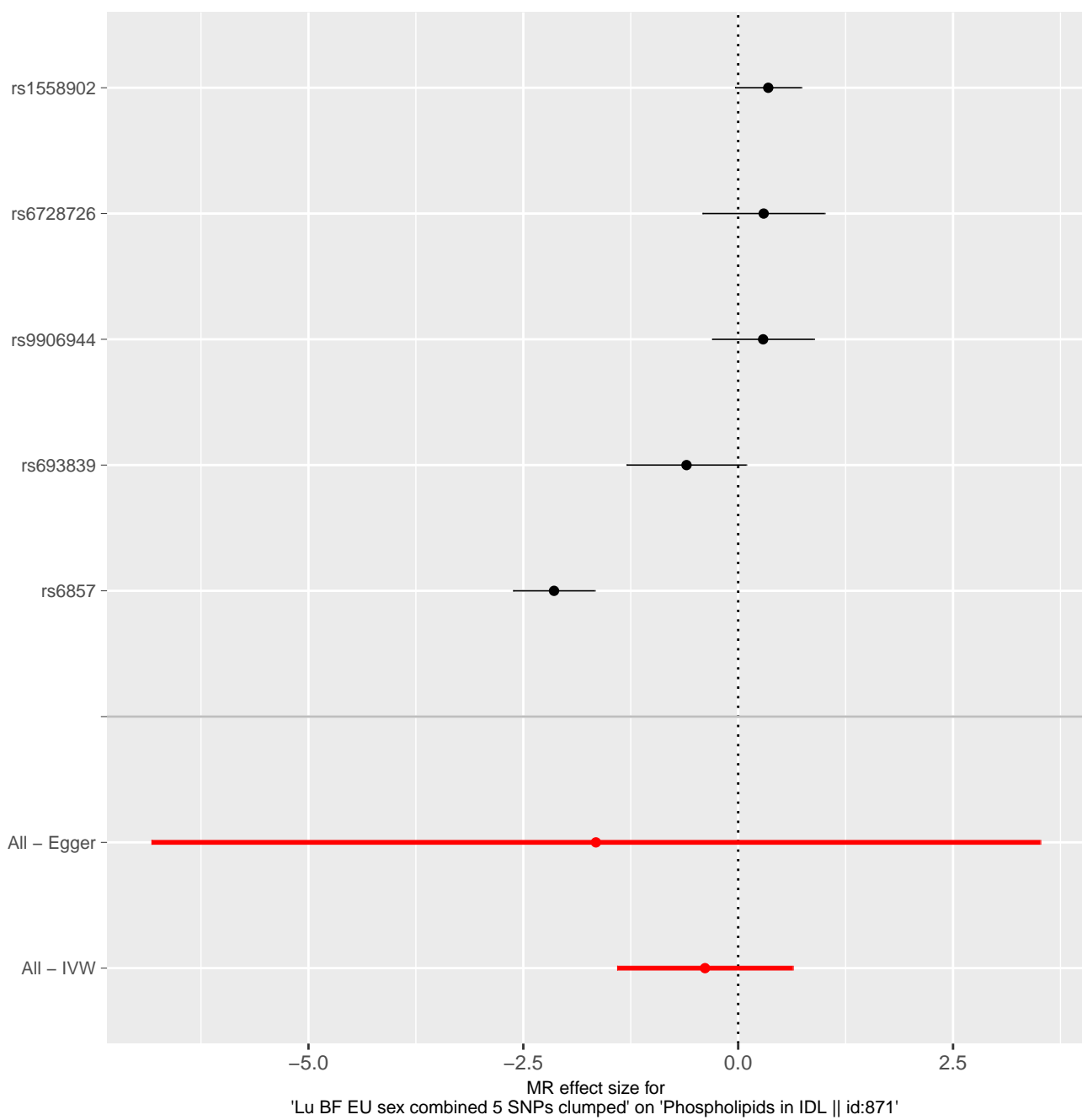
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-2.5

0.0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Concentration of IDL particles || id:870'





rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-7.5

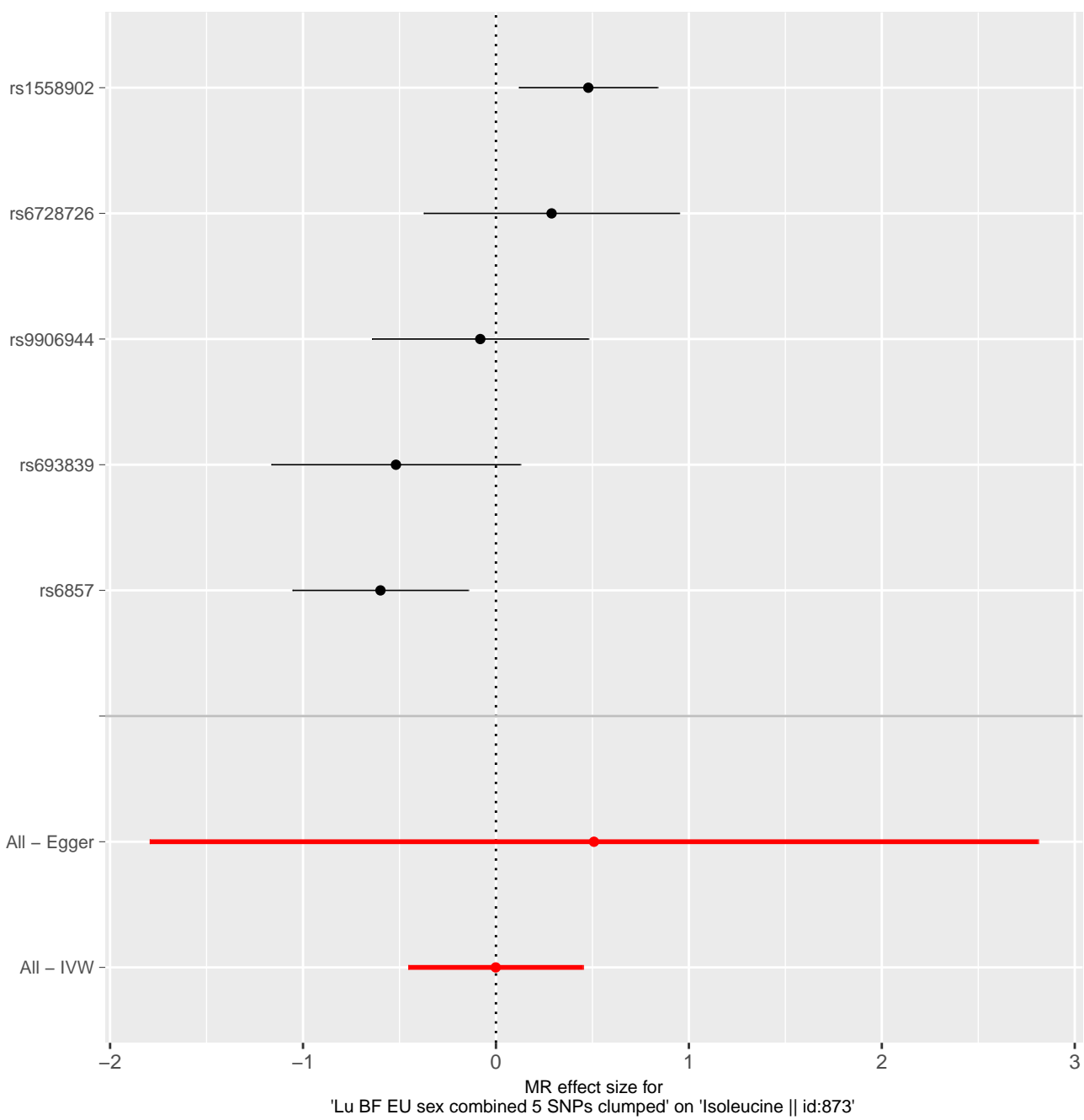
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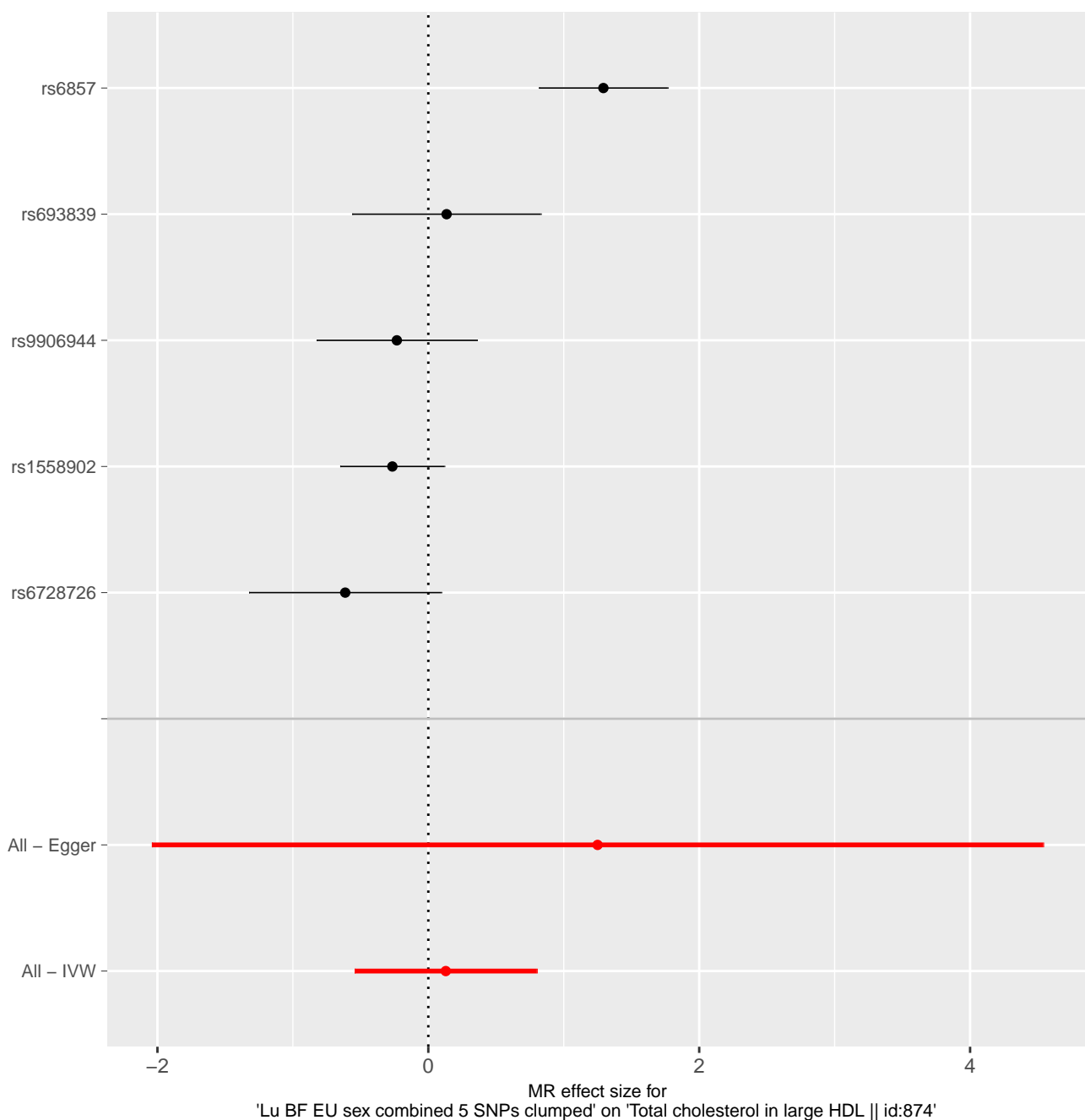
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MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Triglycerides in IDL || id:872'





All – Egger

All – IVW

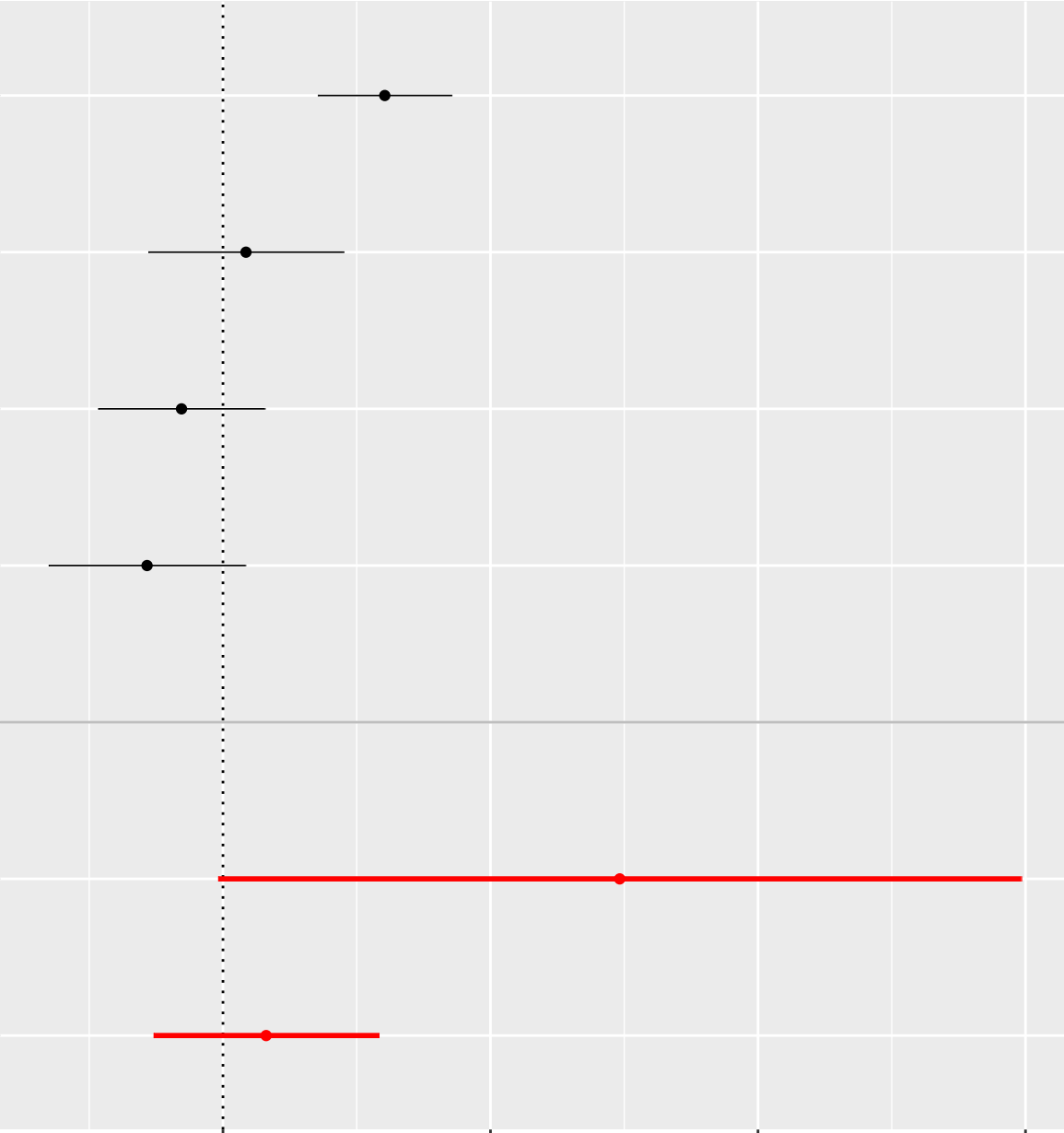
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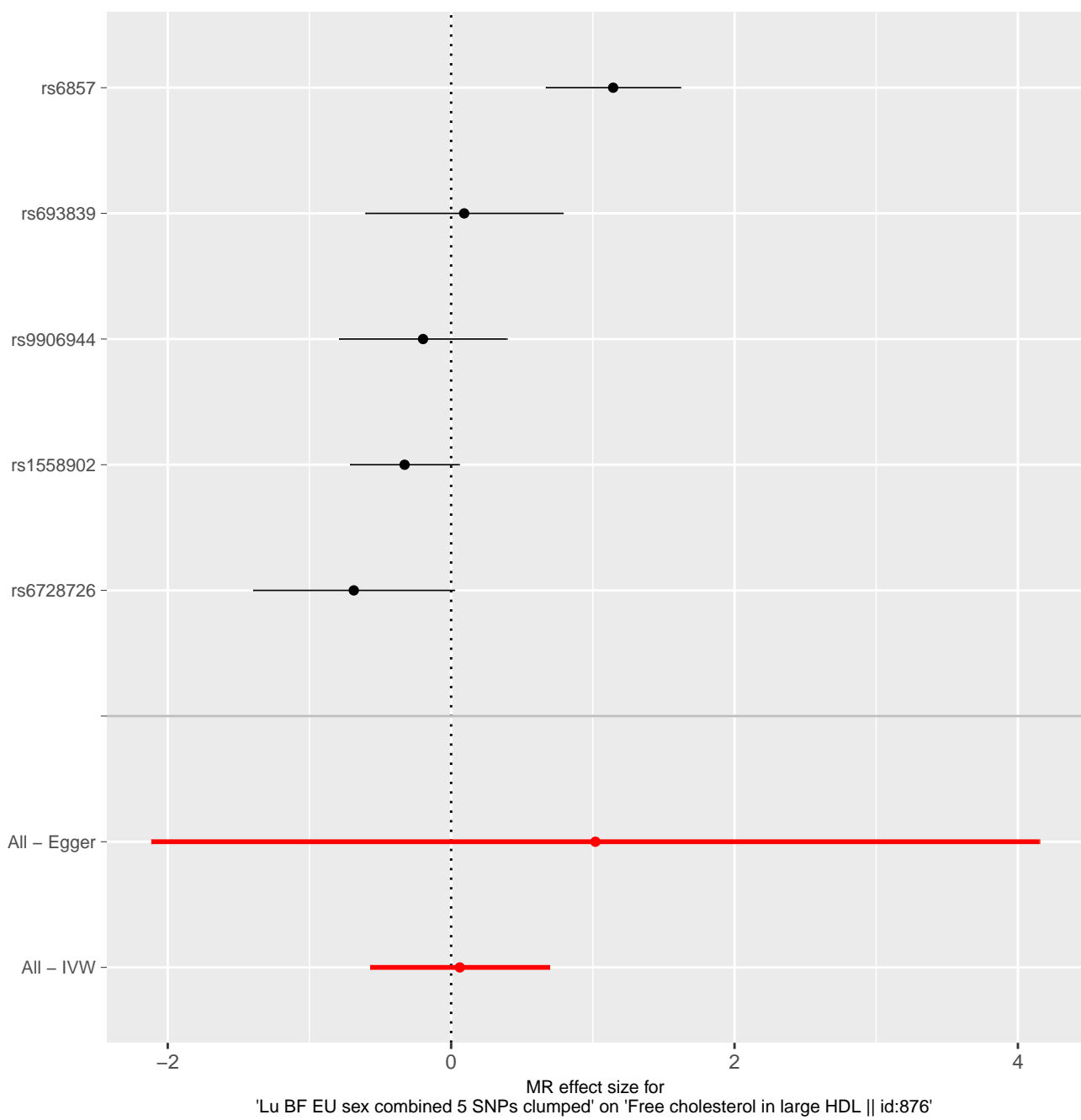
rs693839

rs9906944

rs6728726

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Cholesterol esters in large HDL || id:875'





All – Egger

All – IVW

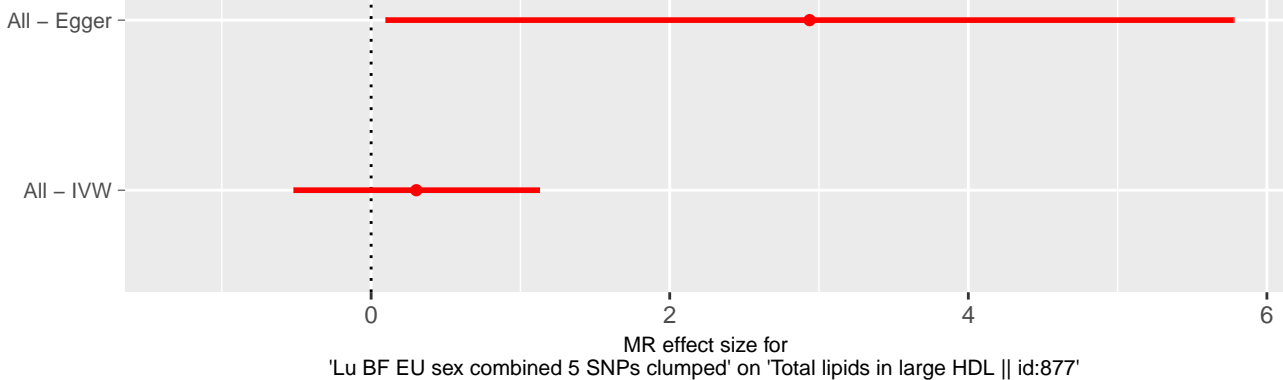
rs6857

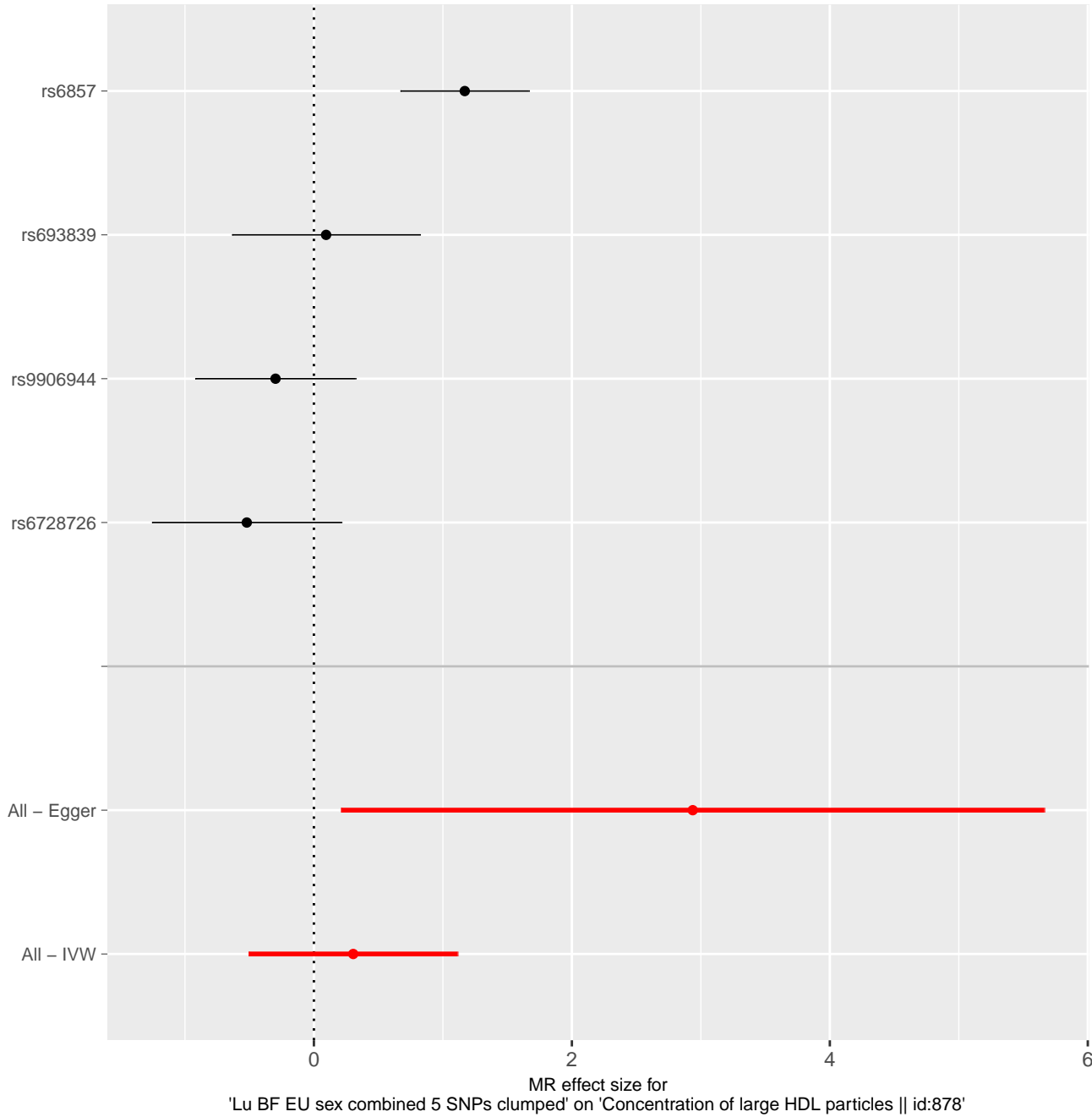
rs693839

rs9906944

rs6728726

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Total lipids in large HDL || id:877'





rs6857

rs693839

rs9906944

rs6728726

All – Egger

All – IVW

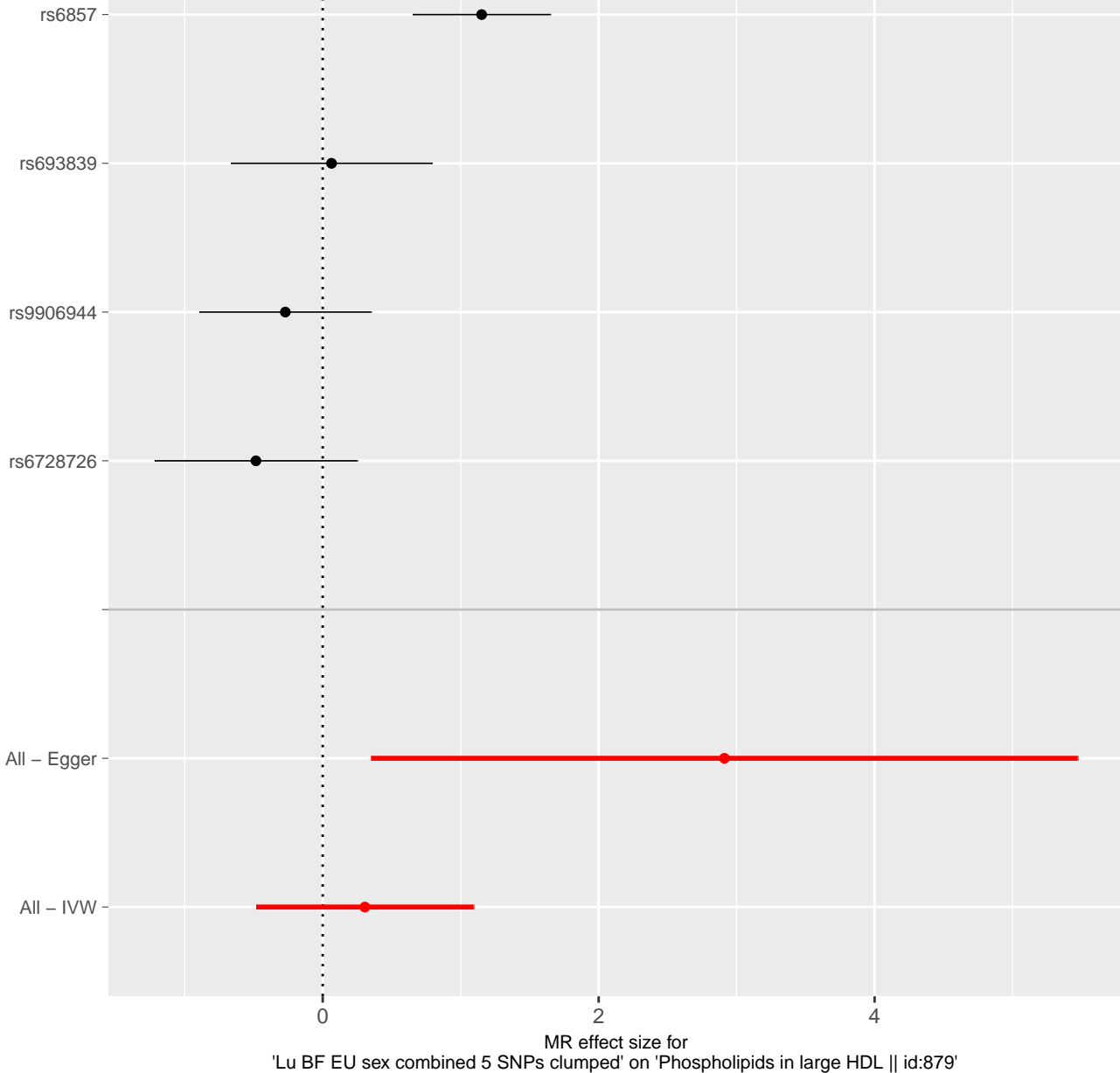
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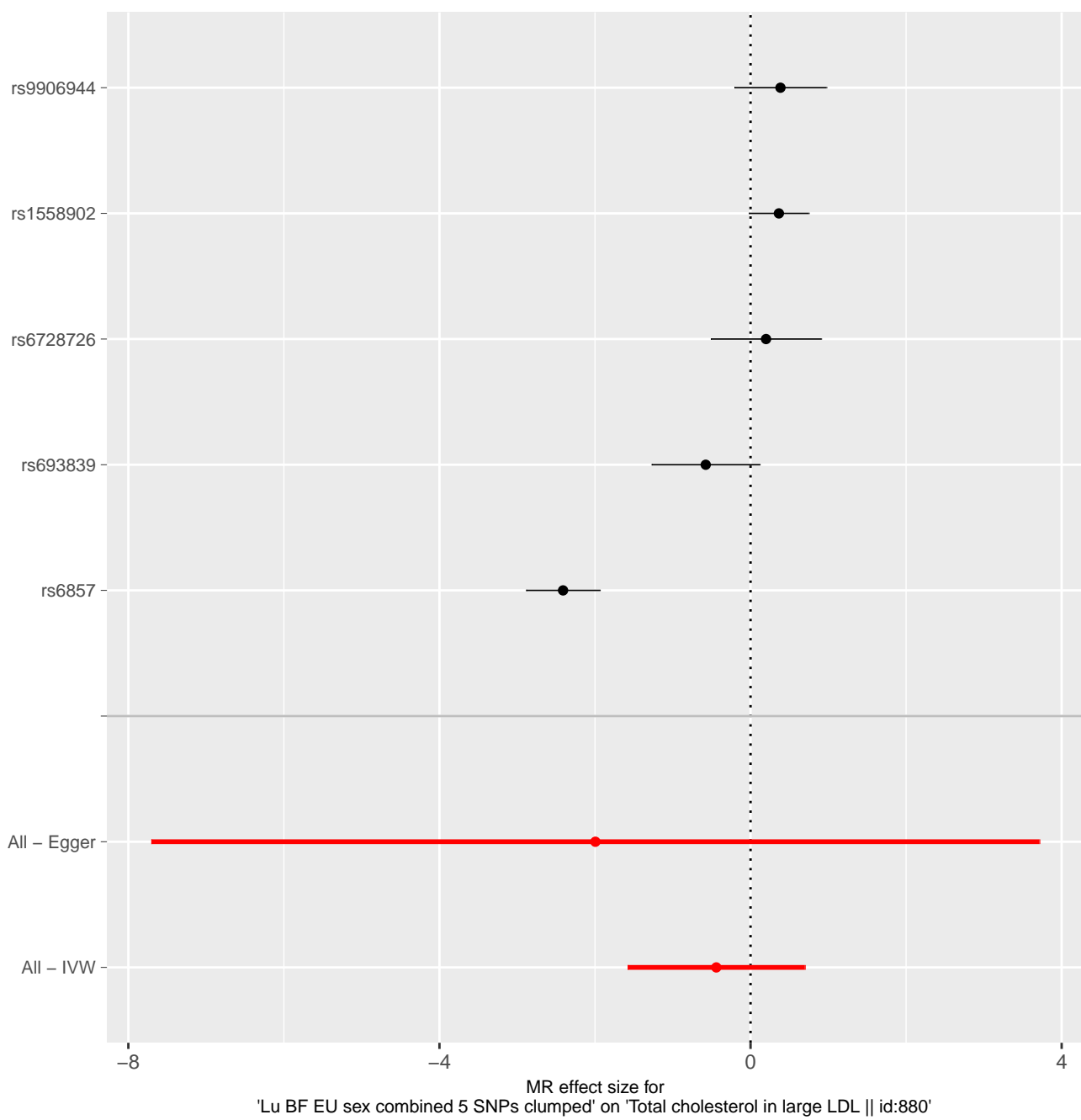
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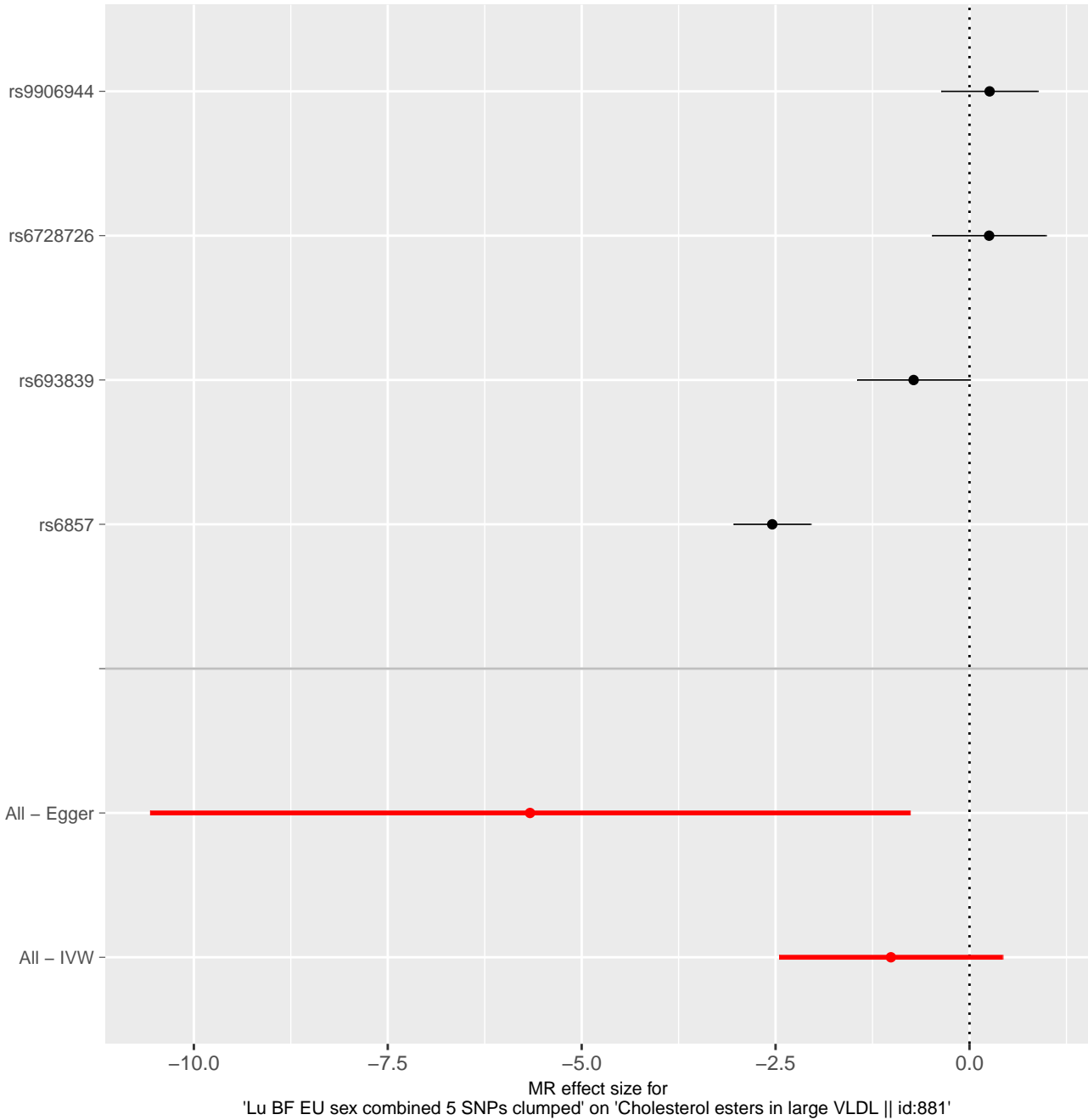
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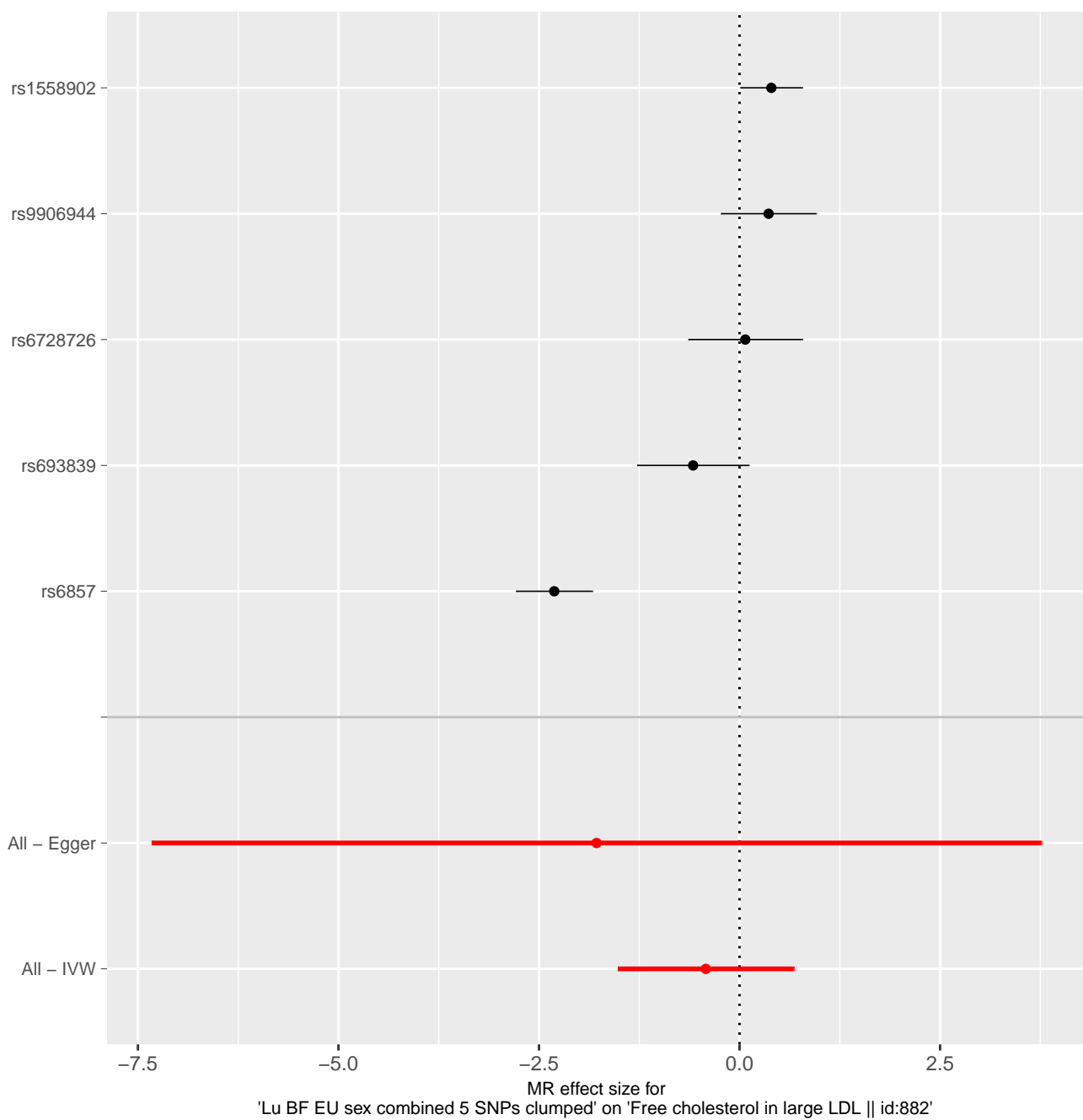
MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Phospholipids in large HDL || id:879'









rs6728726

rs9906944

rs693839

rs6857

All – Egger

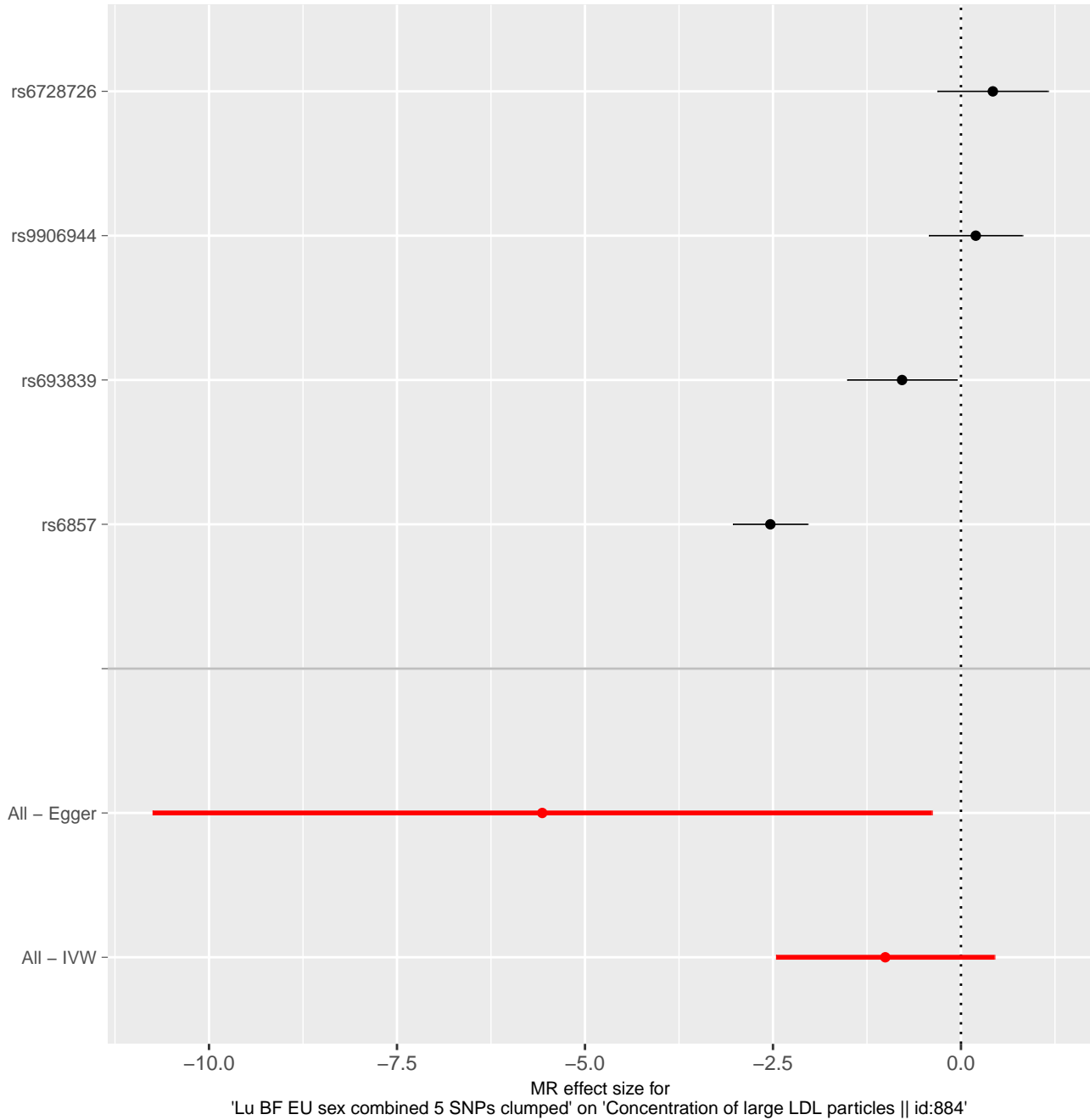
All – IVW

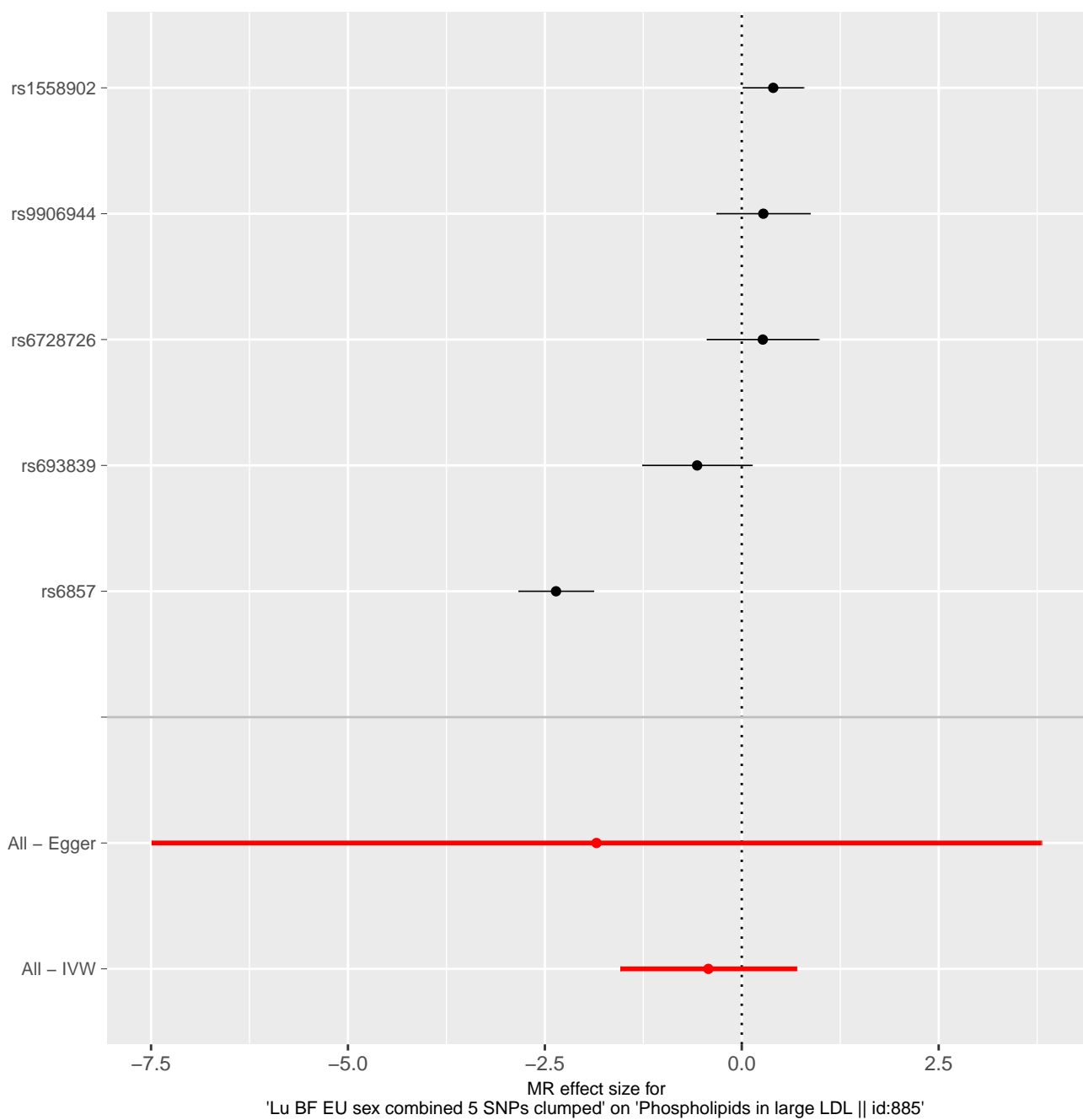
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Total lipids in large LDL || id:883'

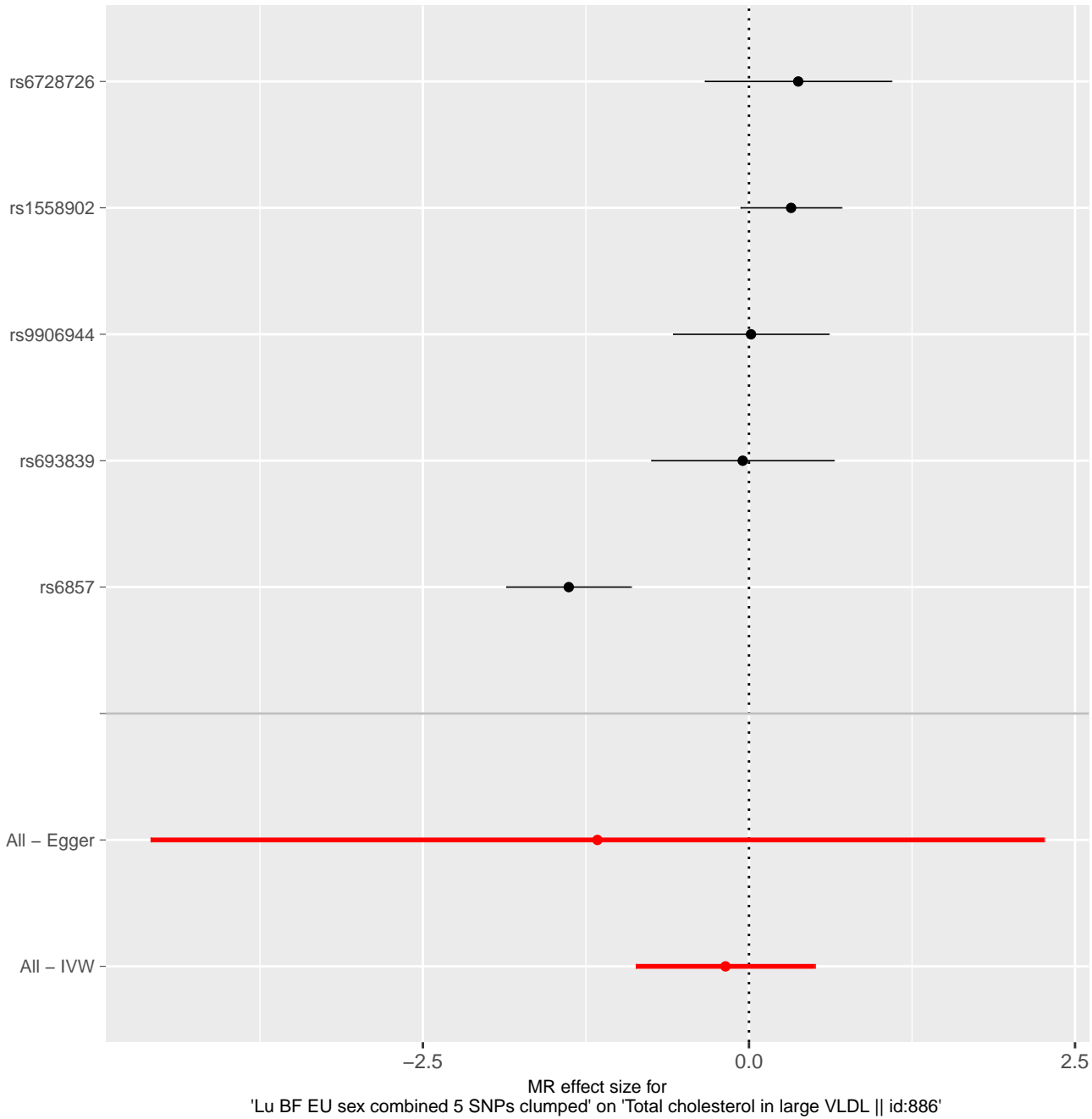
-8

-4

0







rs6728726

rs9906944

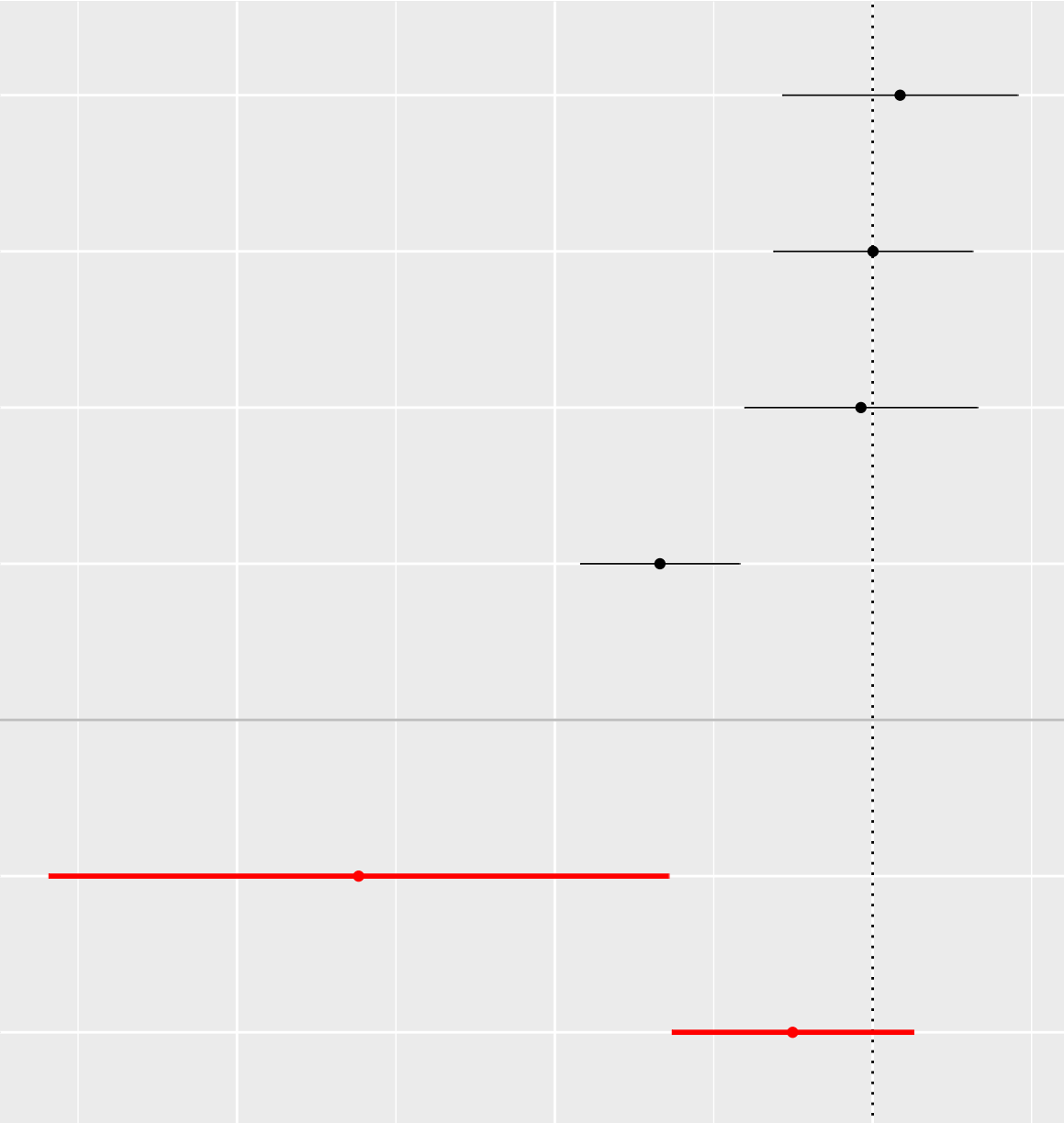
rs693839

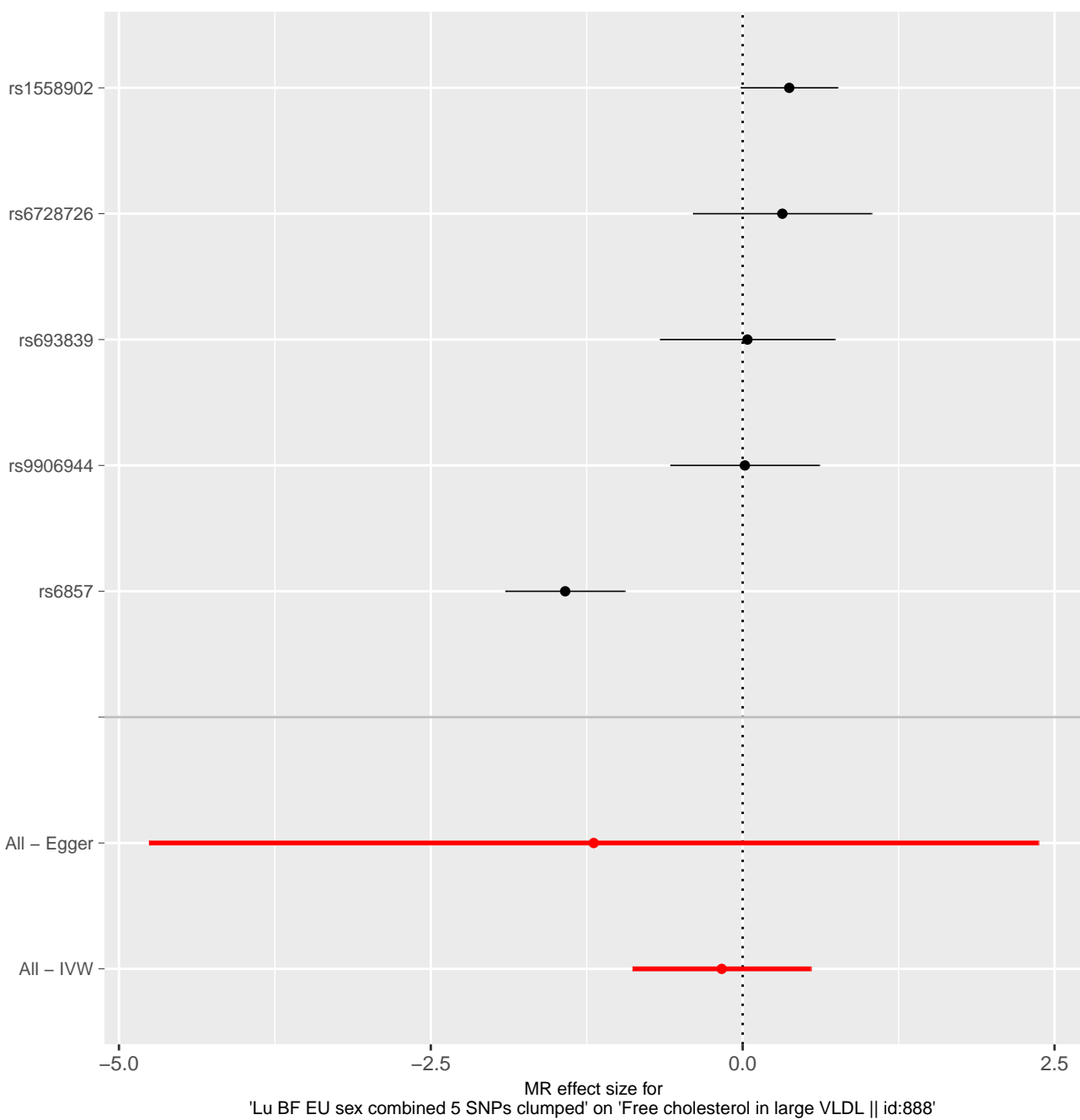
rs6857

All – Egger

All – IVW

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Cholesterol esters in large VLDL || id:887'





rs6728726

rs9906944

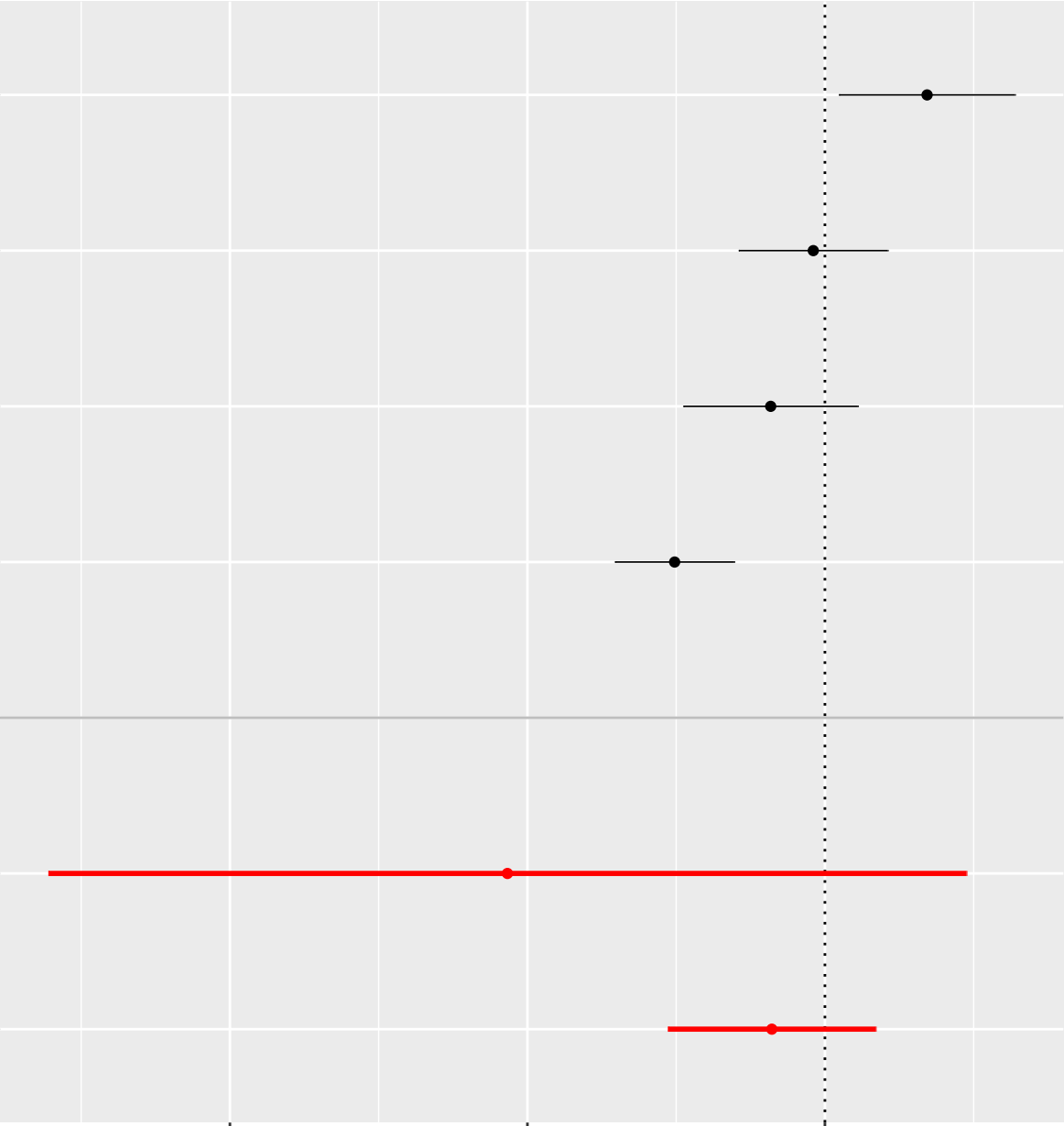
rs693839

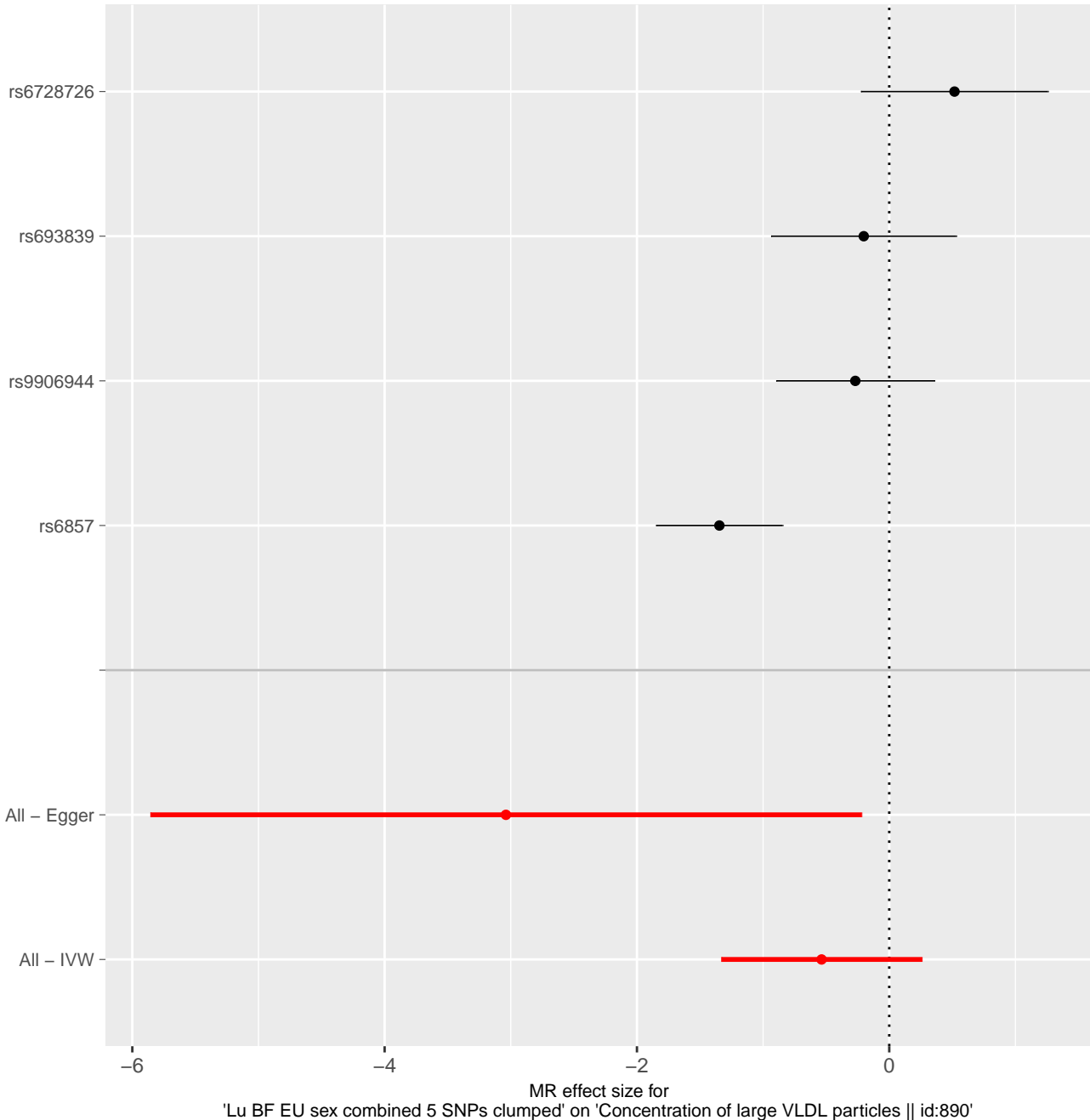
rs6857

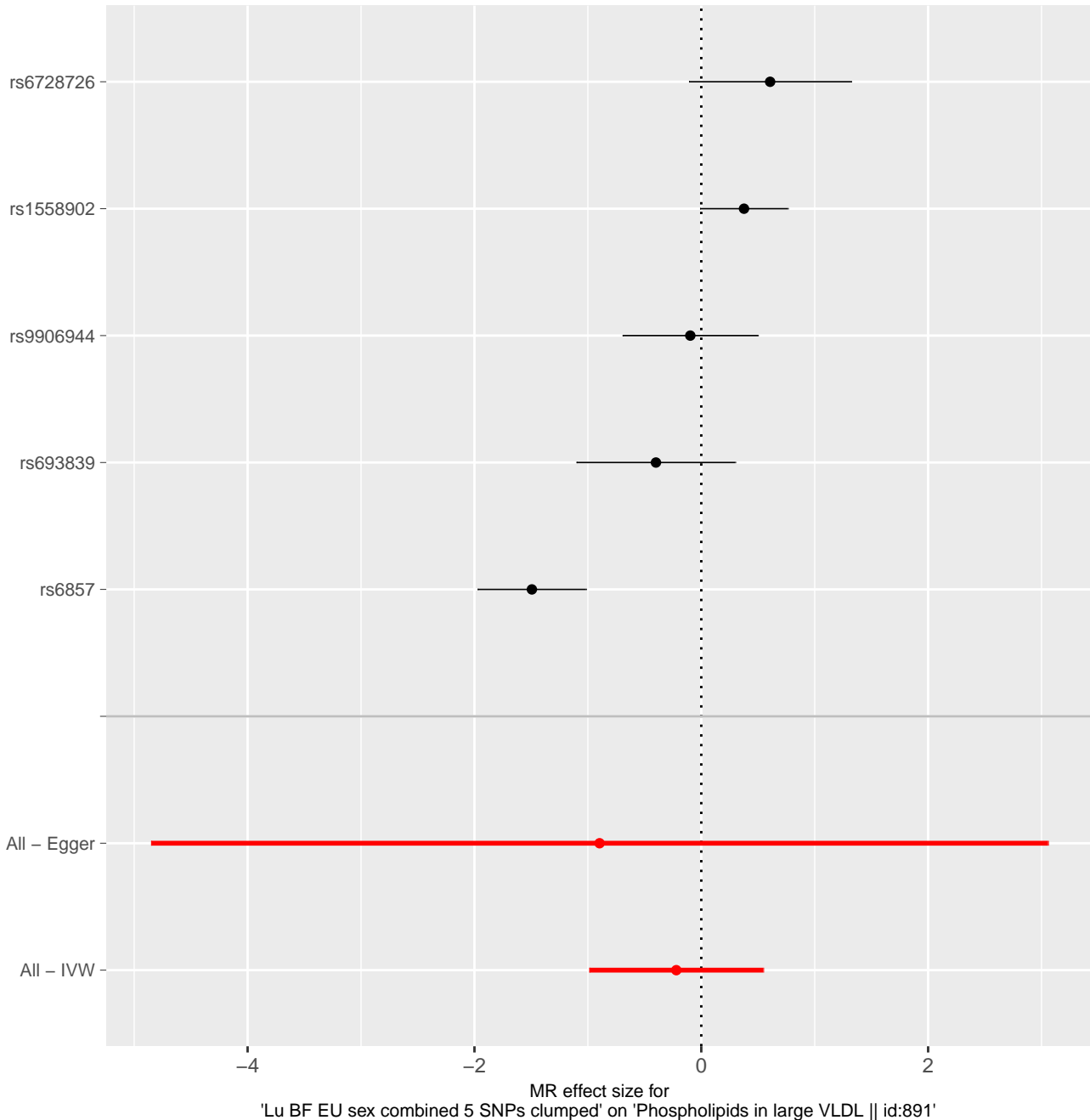
All – Egger

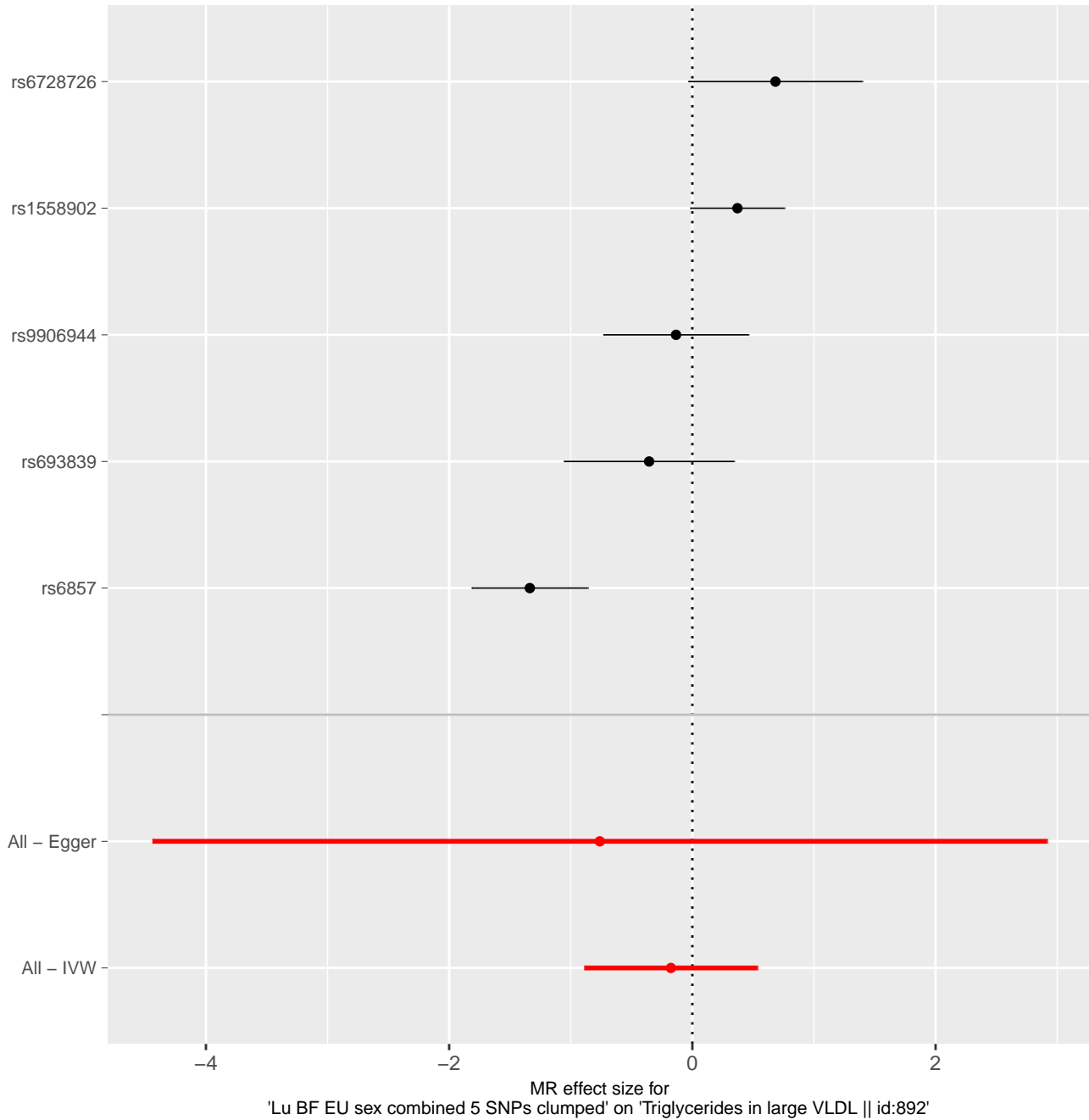
All – IVW

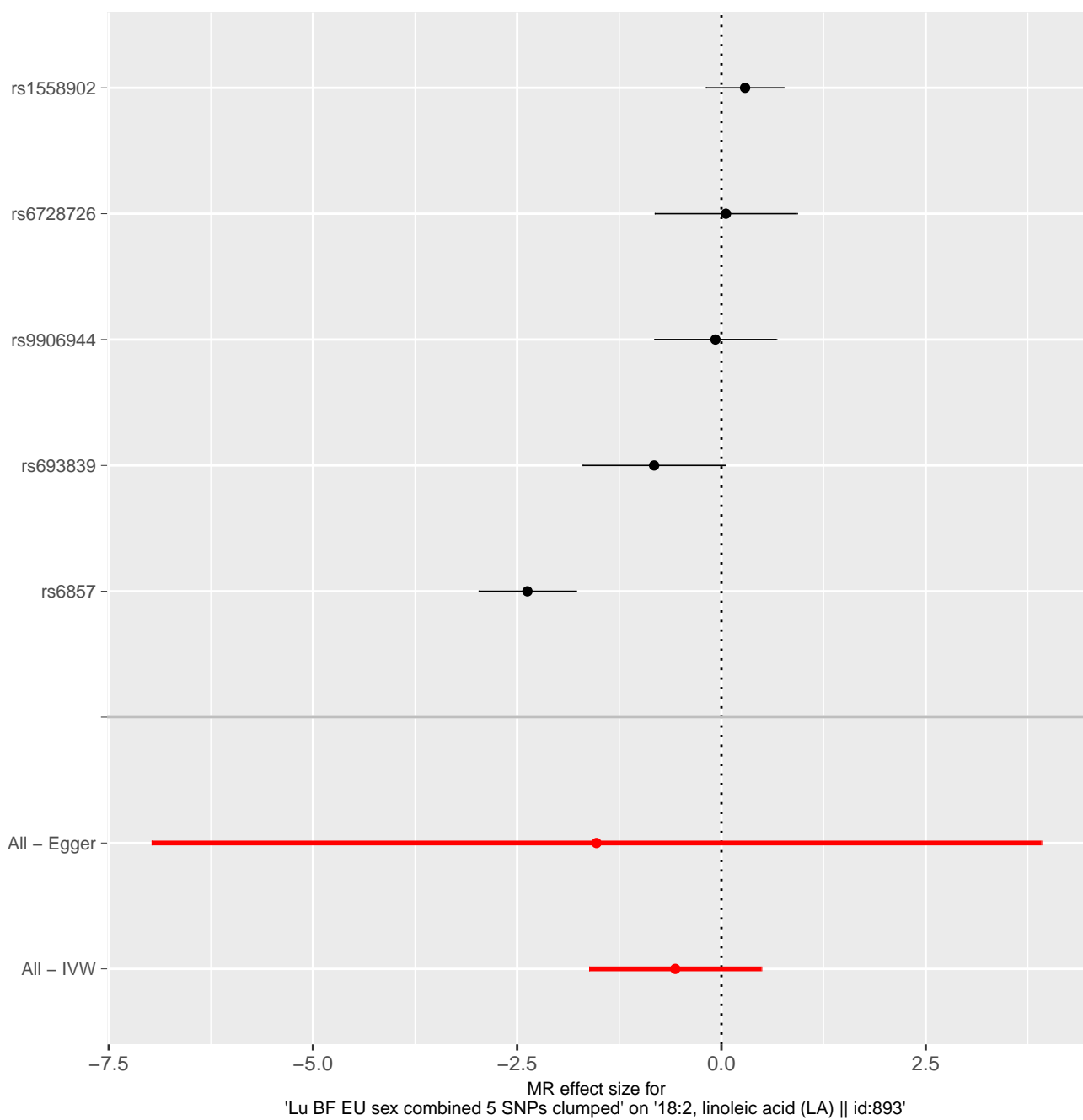
MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Total lipids in large VLDL || id:889'











rs1558902

rs693839

rs6857

rs9906944

rs6728726

All – Egger

All – IVW

-0.5

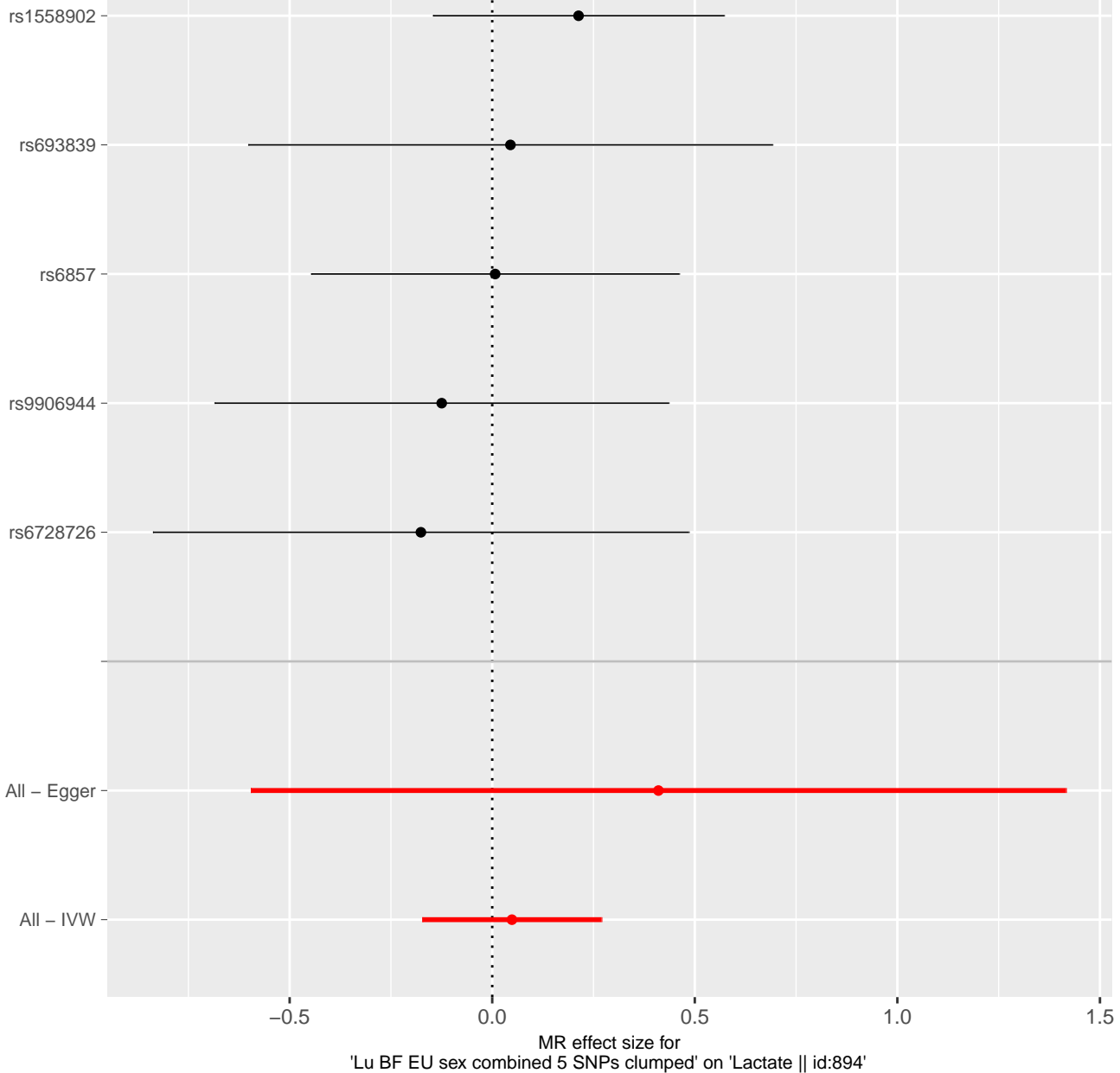
0.0

0.5

1.0

1.5

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Lactate || id:894'



rs1558902

rs9906944

rs6728726

rs693839

rs6857

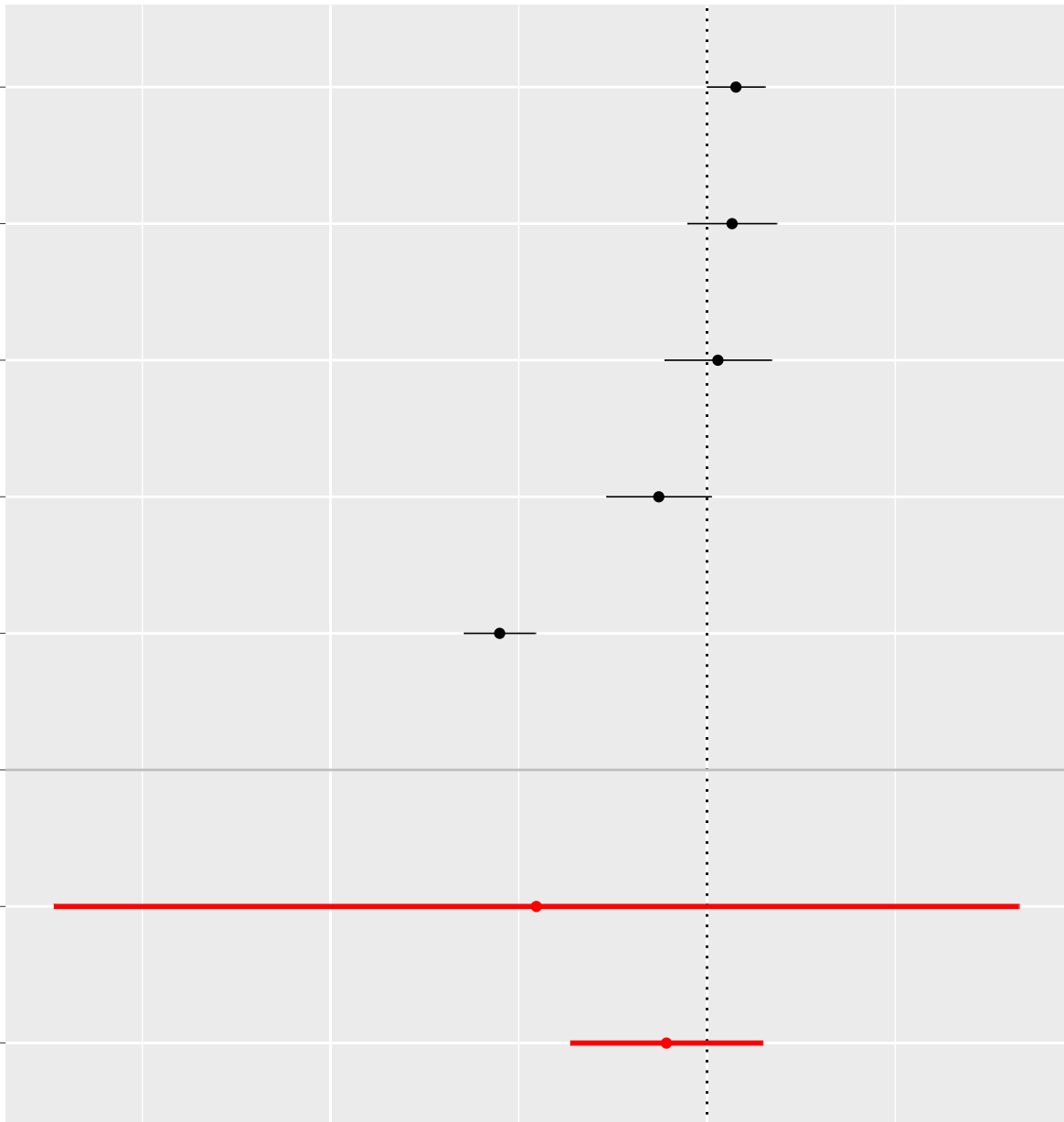
All – Egger

All – IVW

-5

0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Total cholesterol in LDL || id:895'



rs6857

rs6728726

rs693839

rs9906944

All – Egger

All – IVW

0

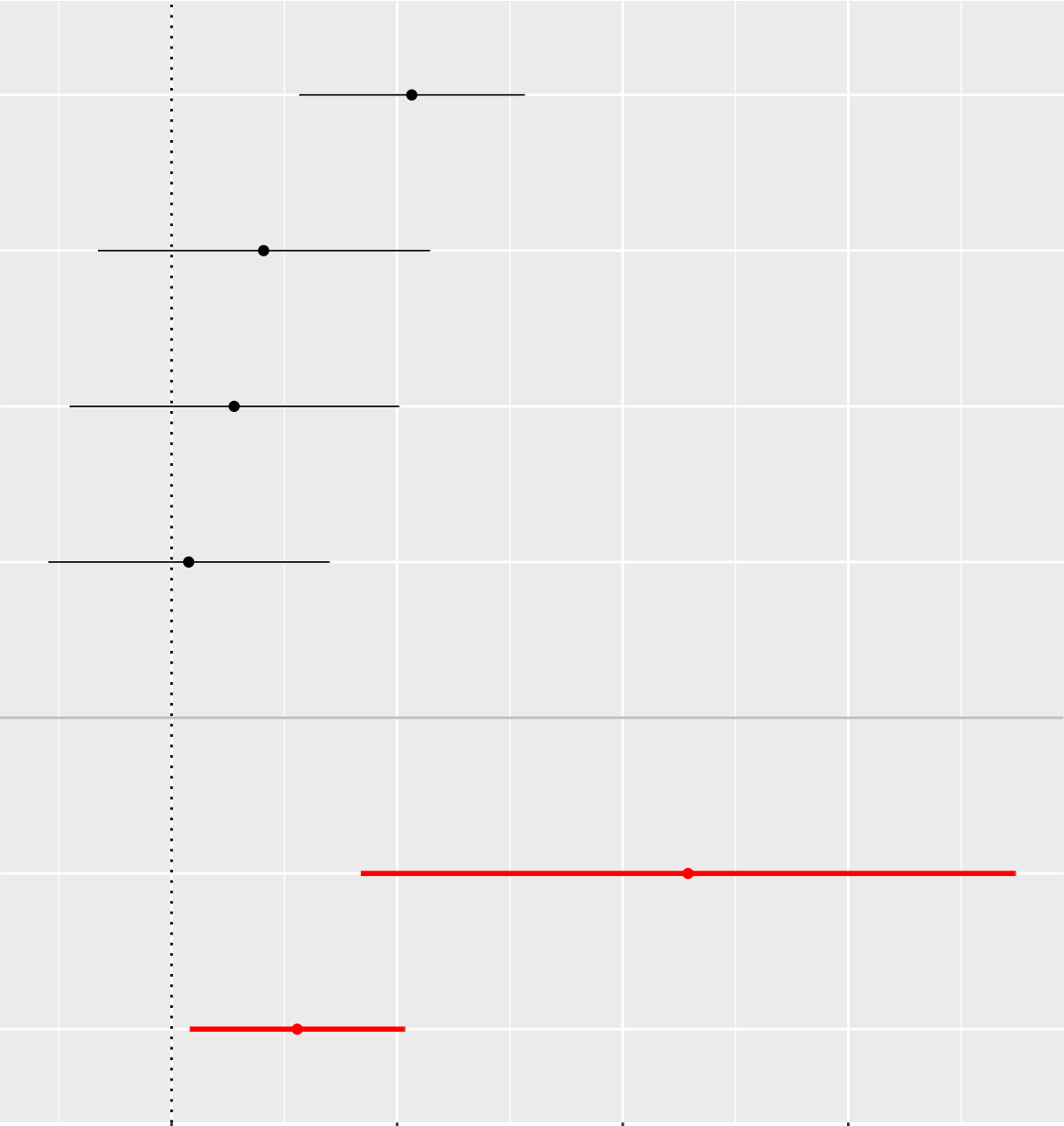
1

2

3

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Mean diameter for LDL particles || id:896'



rs1558902

rs6728726

rs6857

rs9906944

rs693839

All – Egger

All – IVW

-1

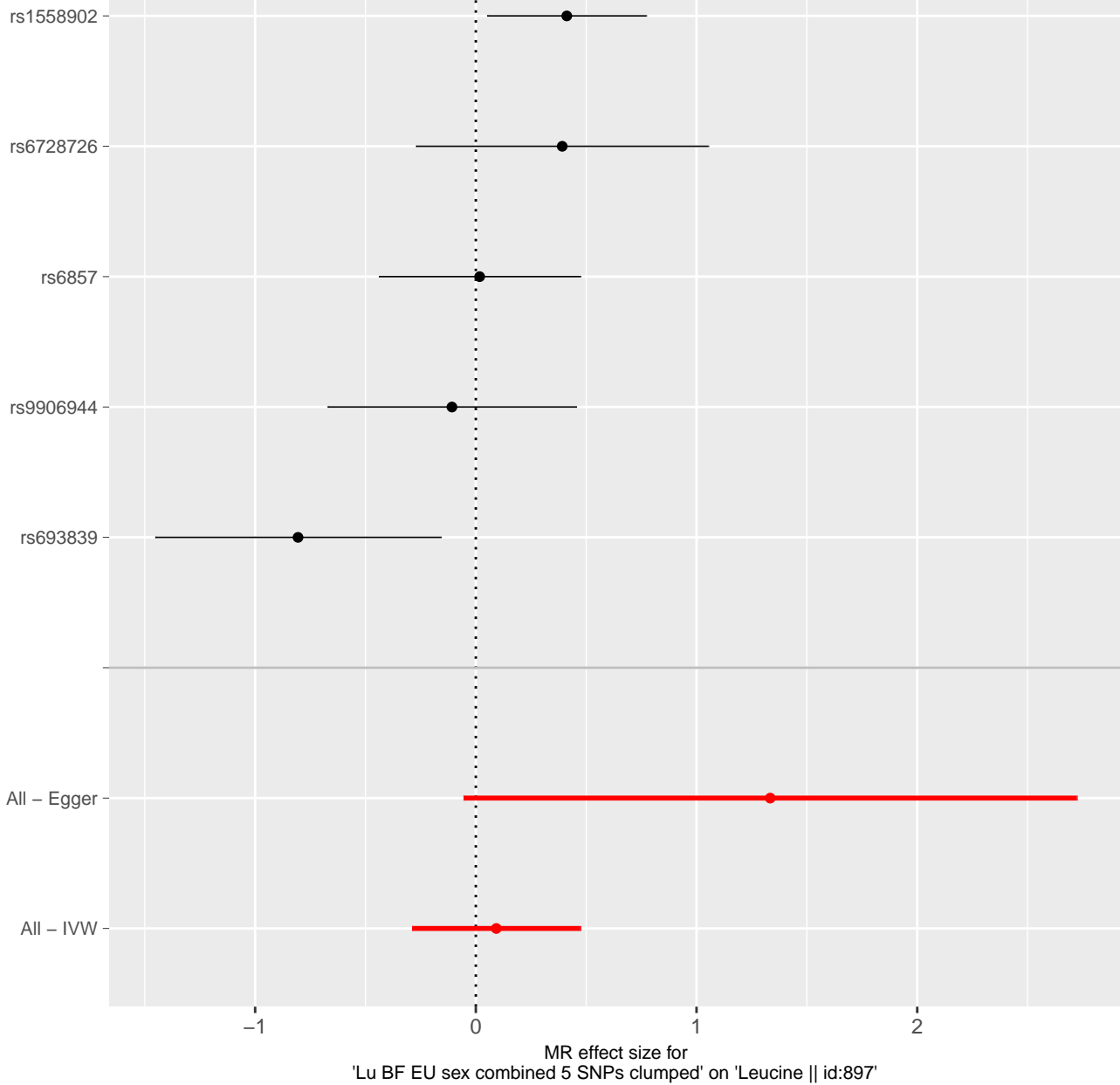
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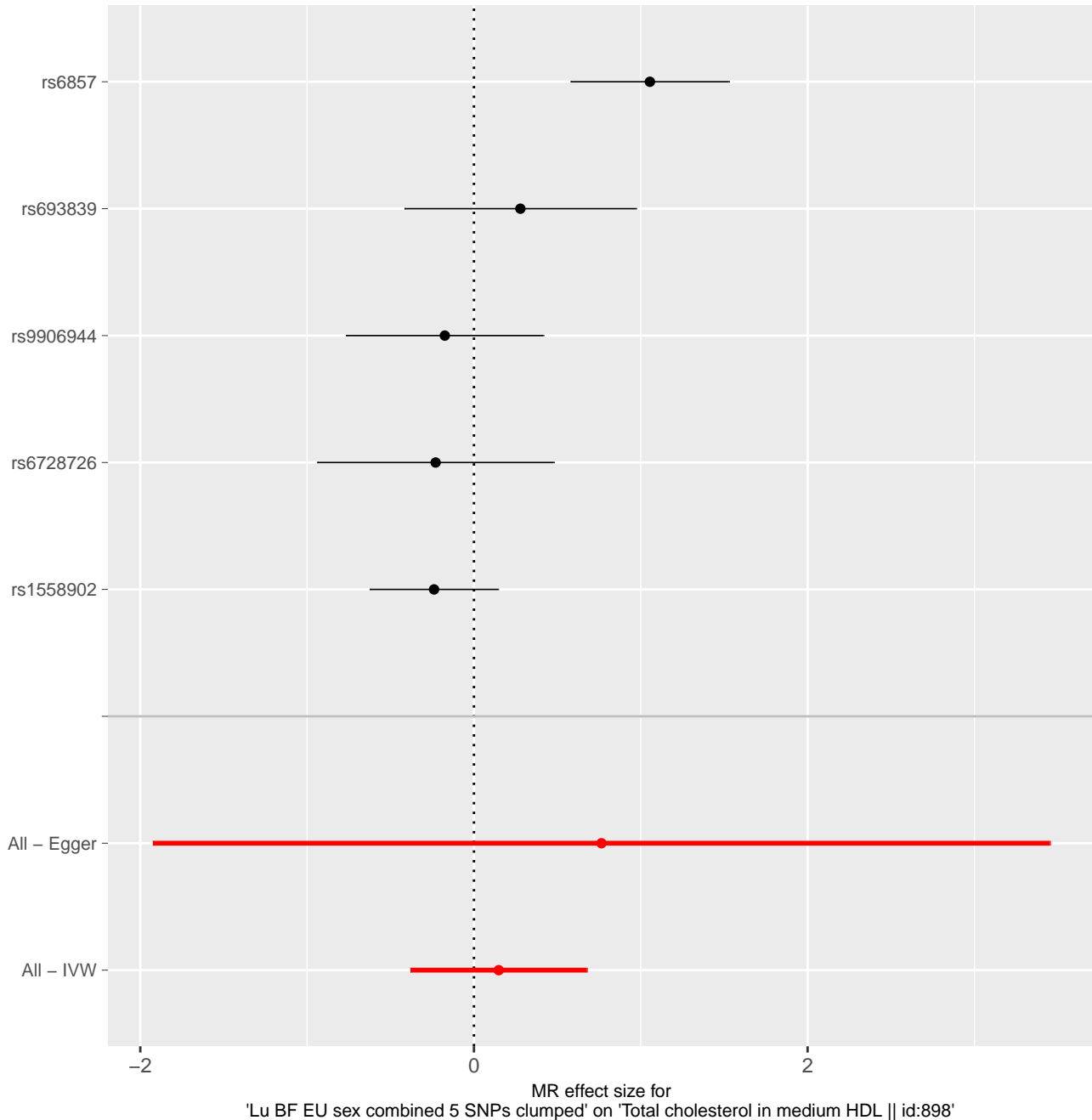
1

2

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Leucine || id:897'





All – Egger

All – IVW

rs6857

rs693839

rs6728726

rs9906944

-1

0

1

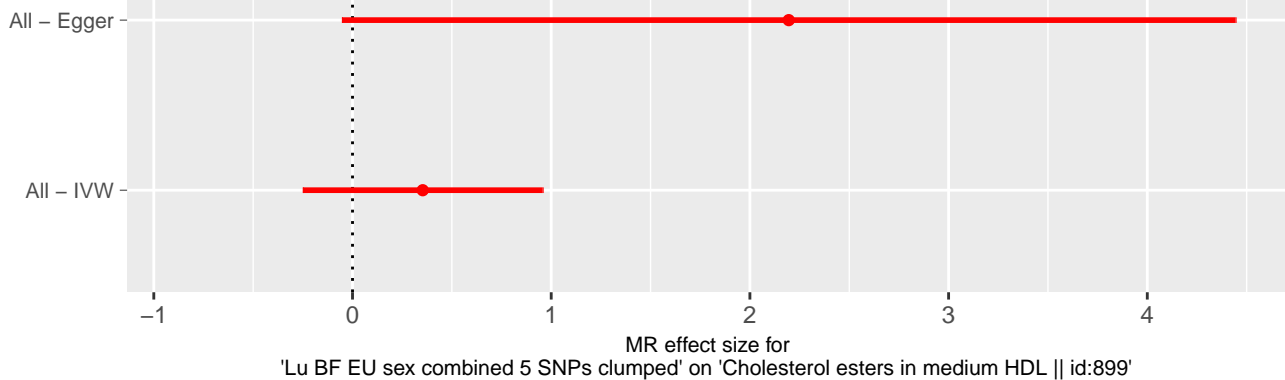
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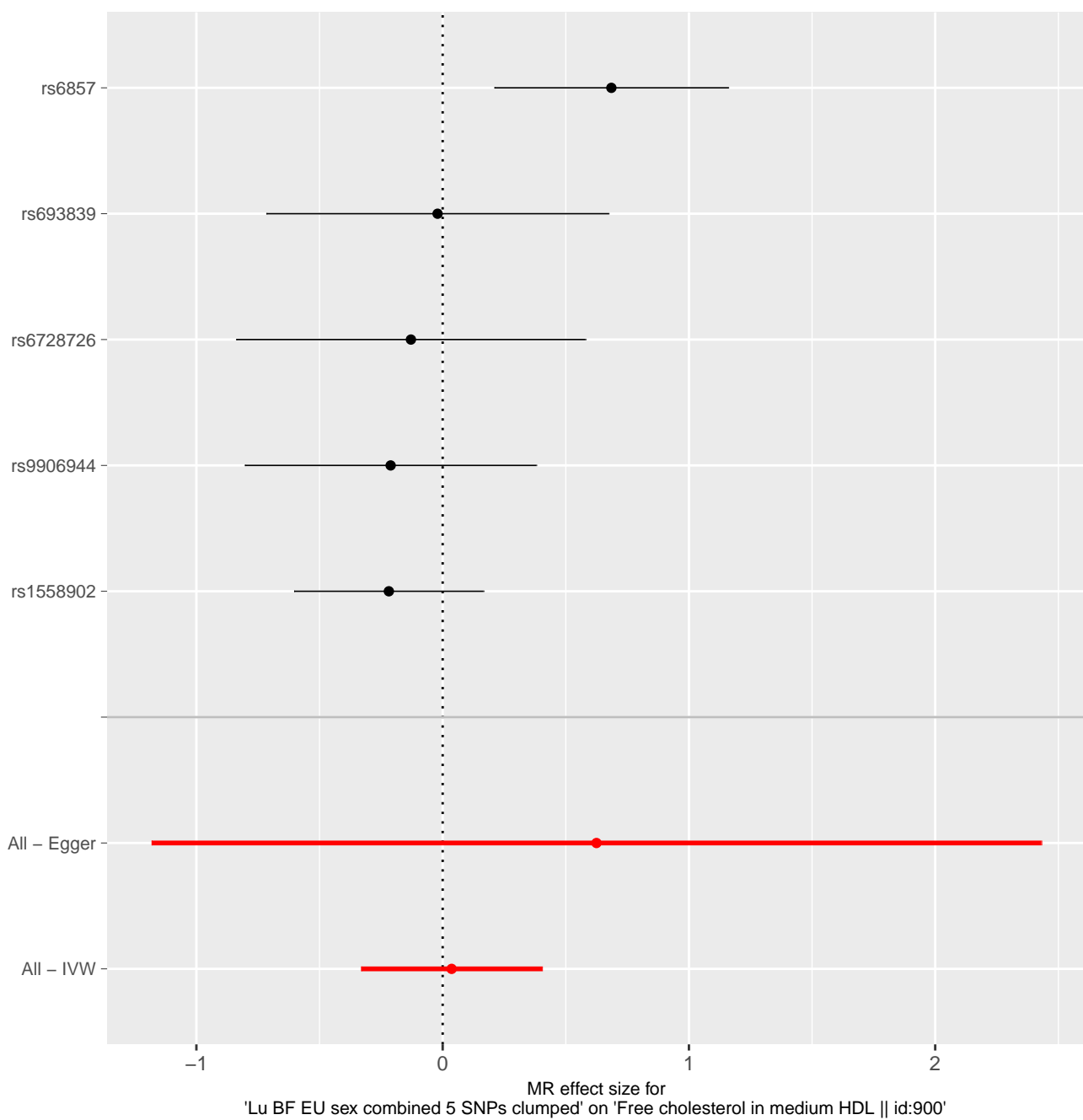
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4

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Cholesterol esters in medium HDL || id:899'





rs6857

rs6728726

rs693839

rs9906944

All – Egger

All – IVW

-1

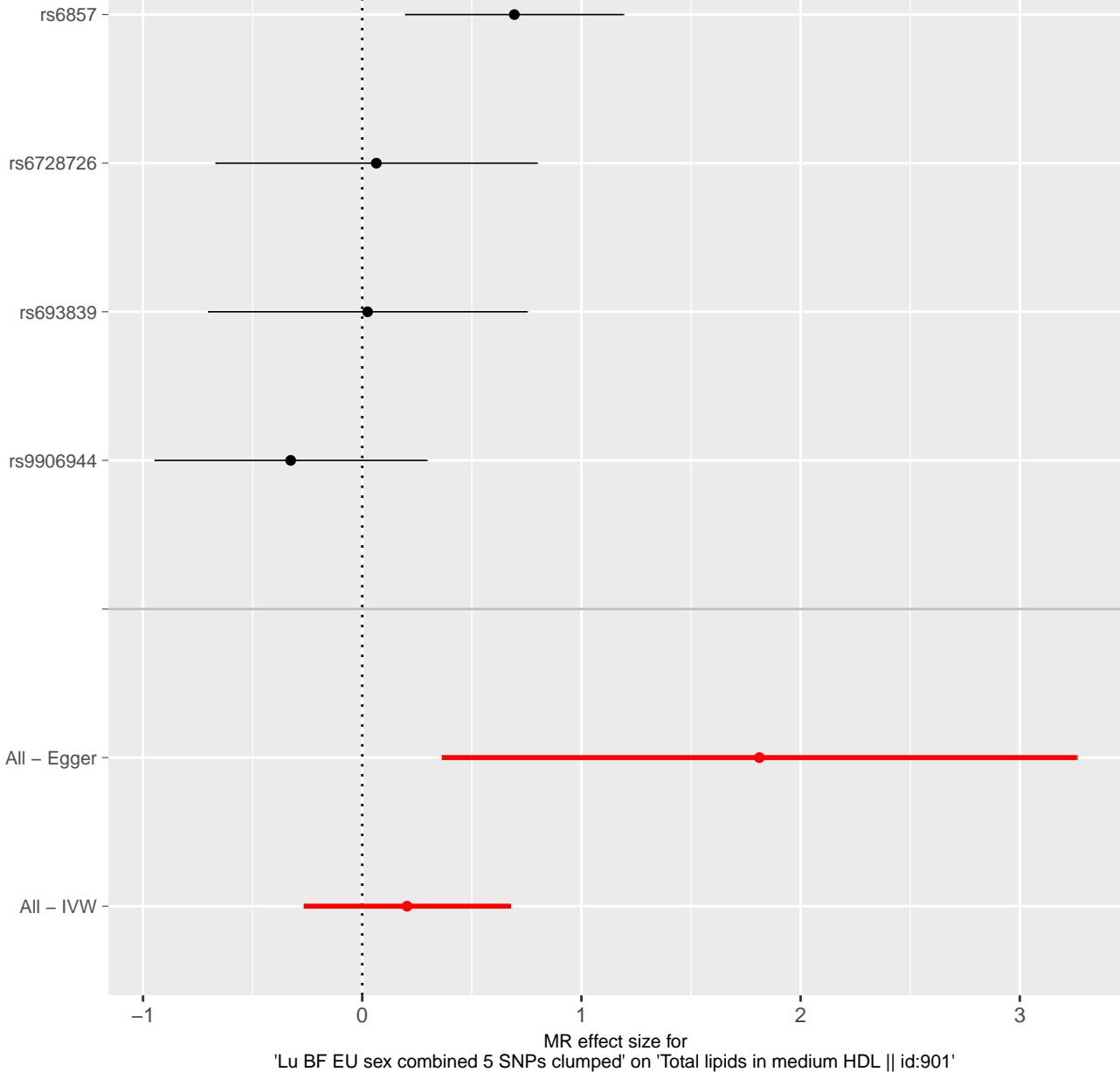
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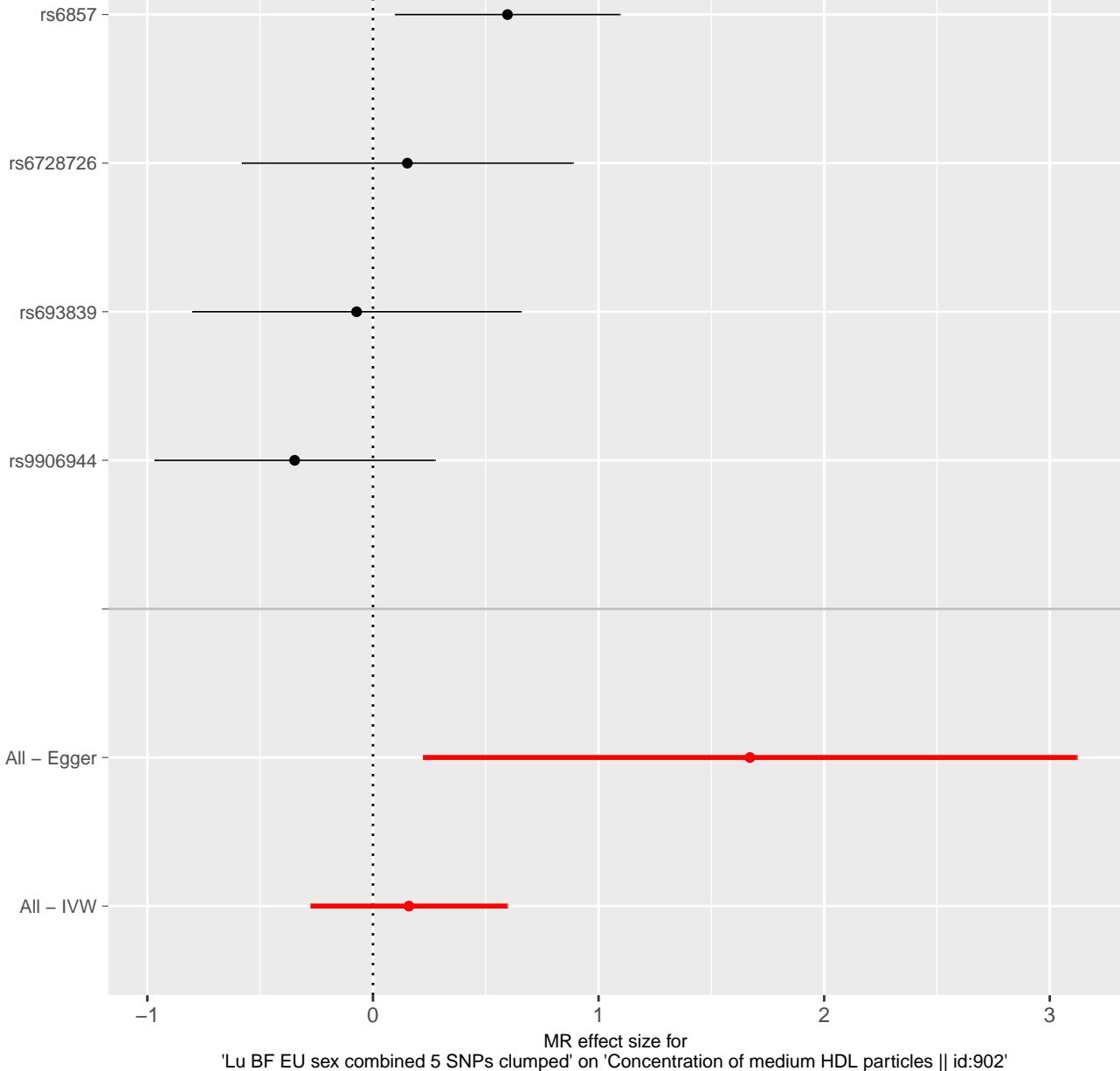
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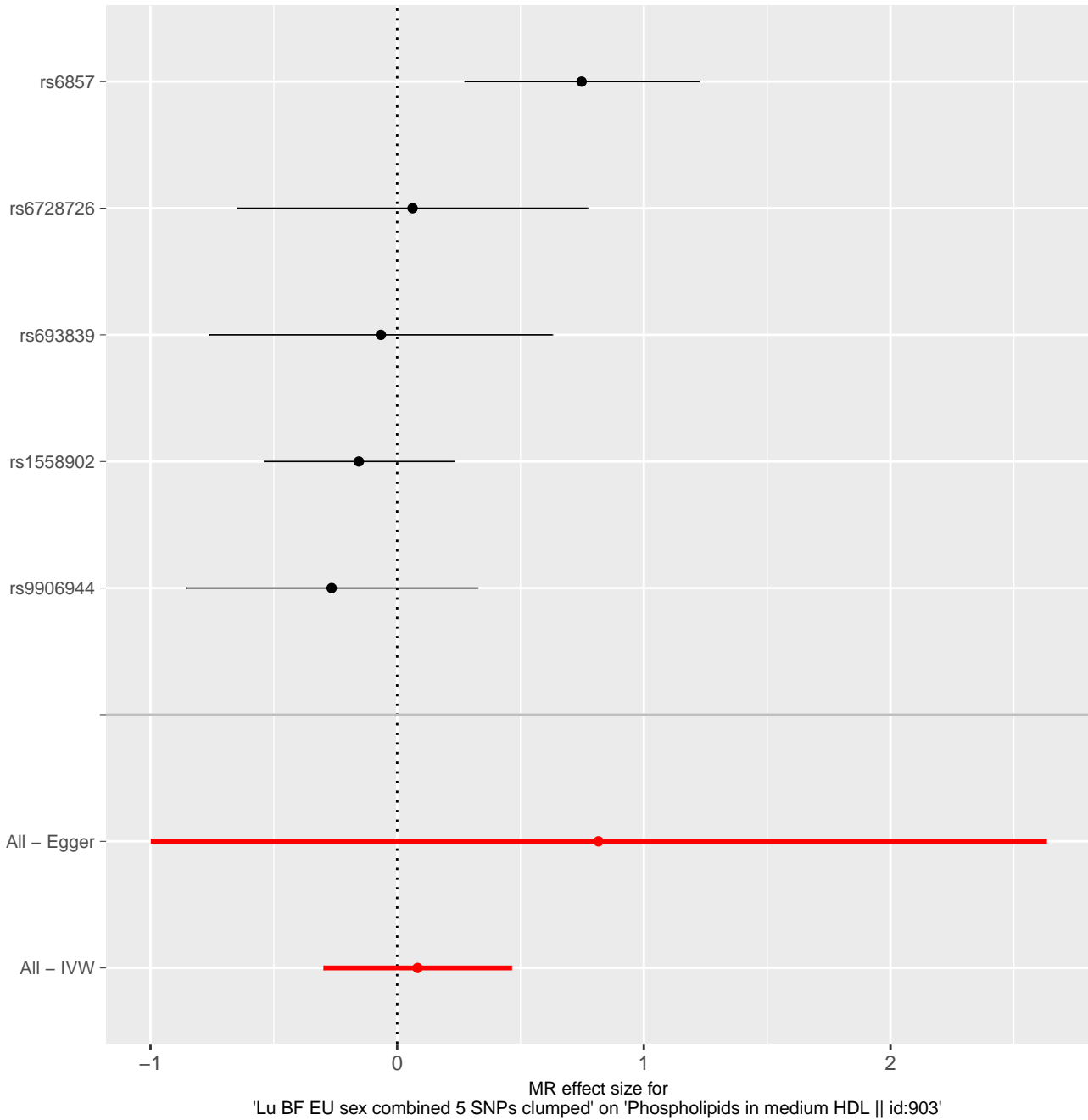
2

3

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Total lipids in medium HDL || id:901'







rs1558902

rs9906944

rs6728726

rs693839

rs6857

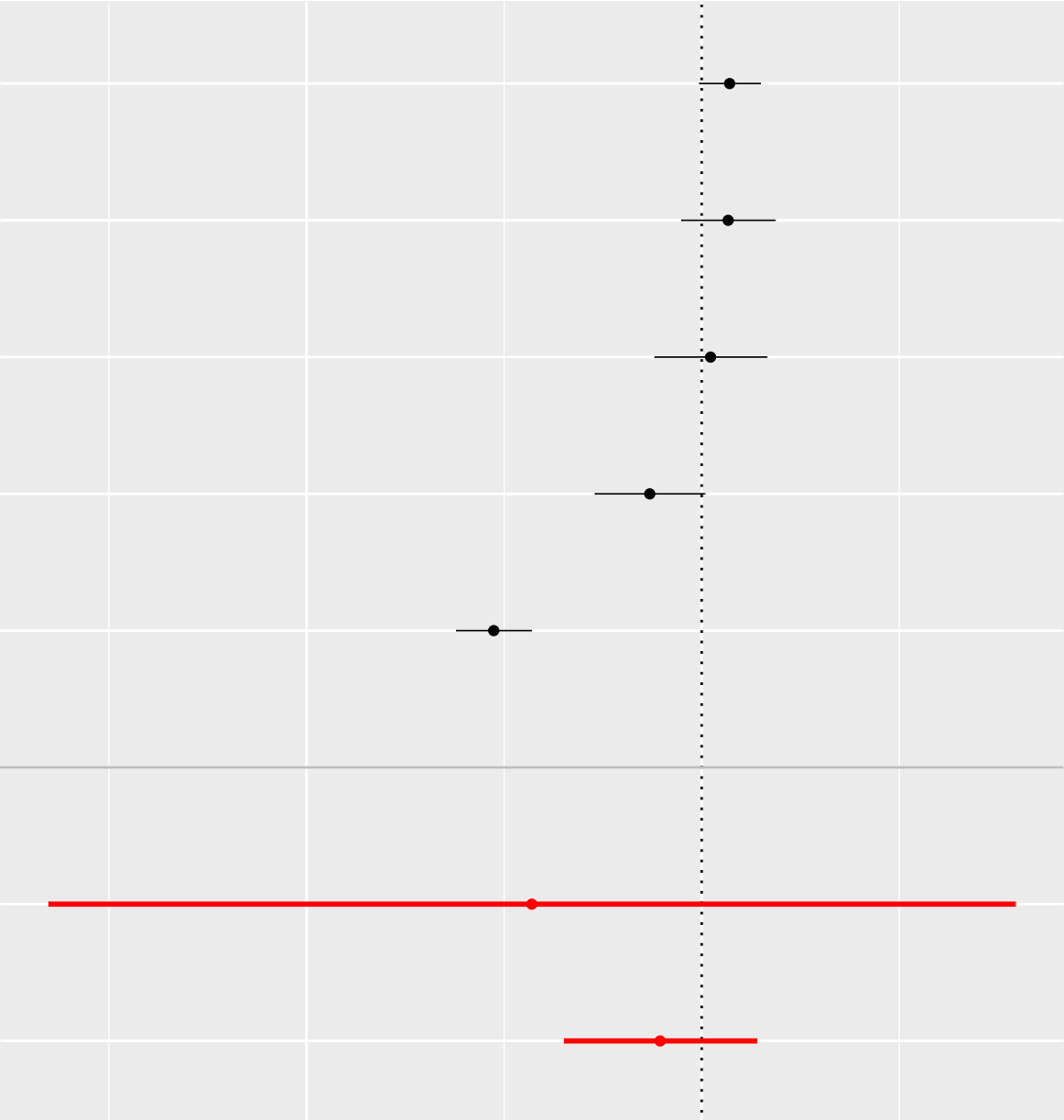
All – Egger

All – IVW

-5

0

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Total cholesterol in medium LDL || id:904'



rs9906944

rs6728726

rs693839

rs6857

All – Egger

All – IVW

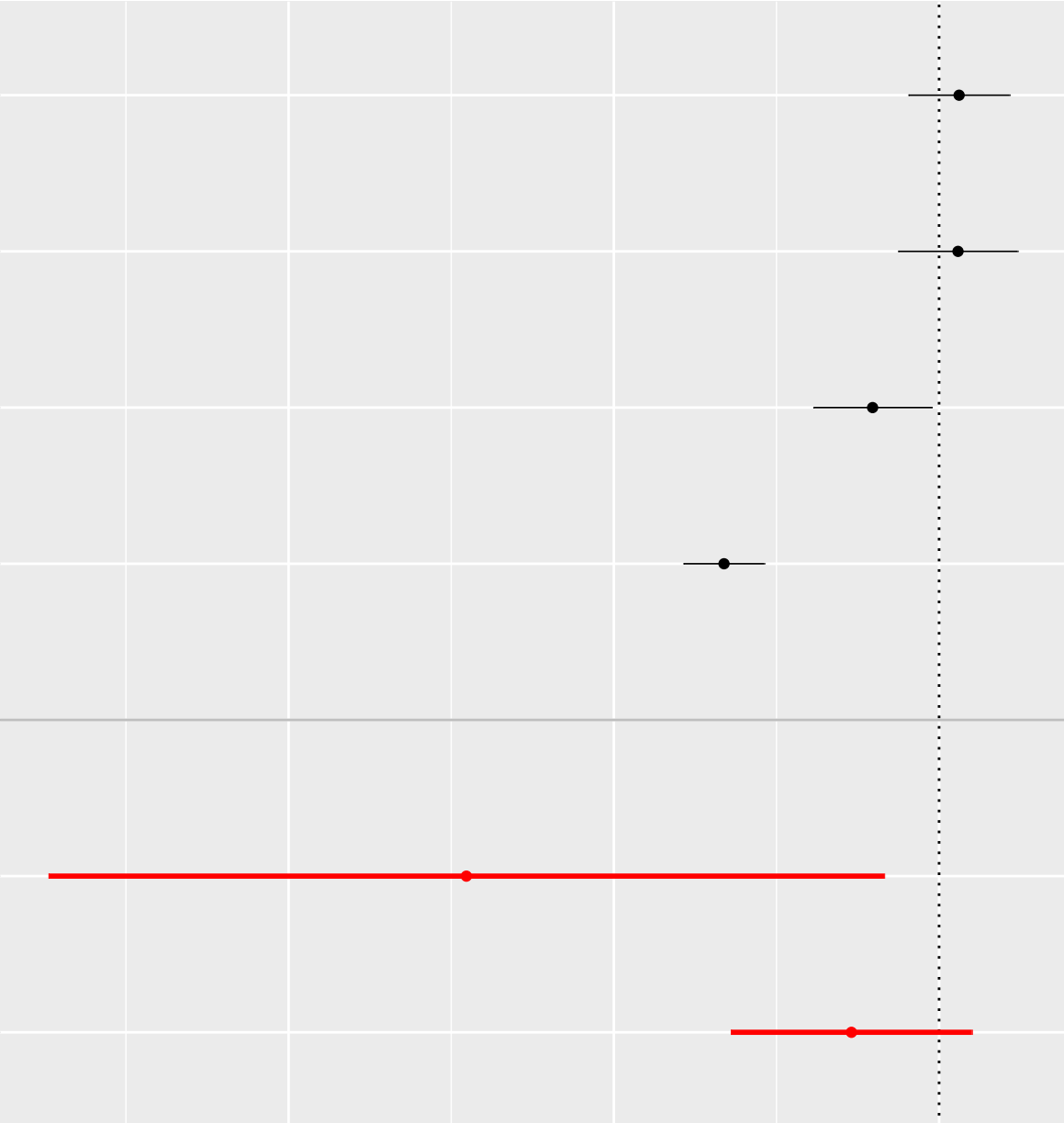
–8

–4

0

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Cholesterol esters in medium LDL || id:905'



rs6728726

rs9906944

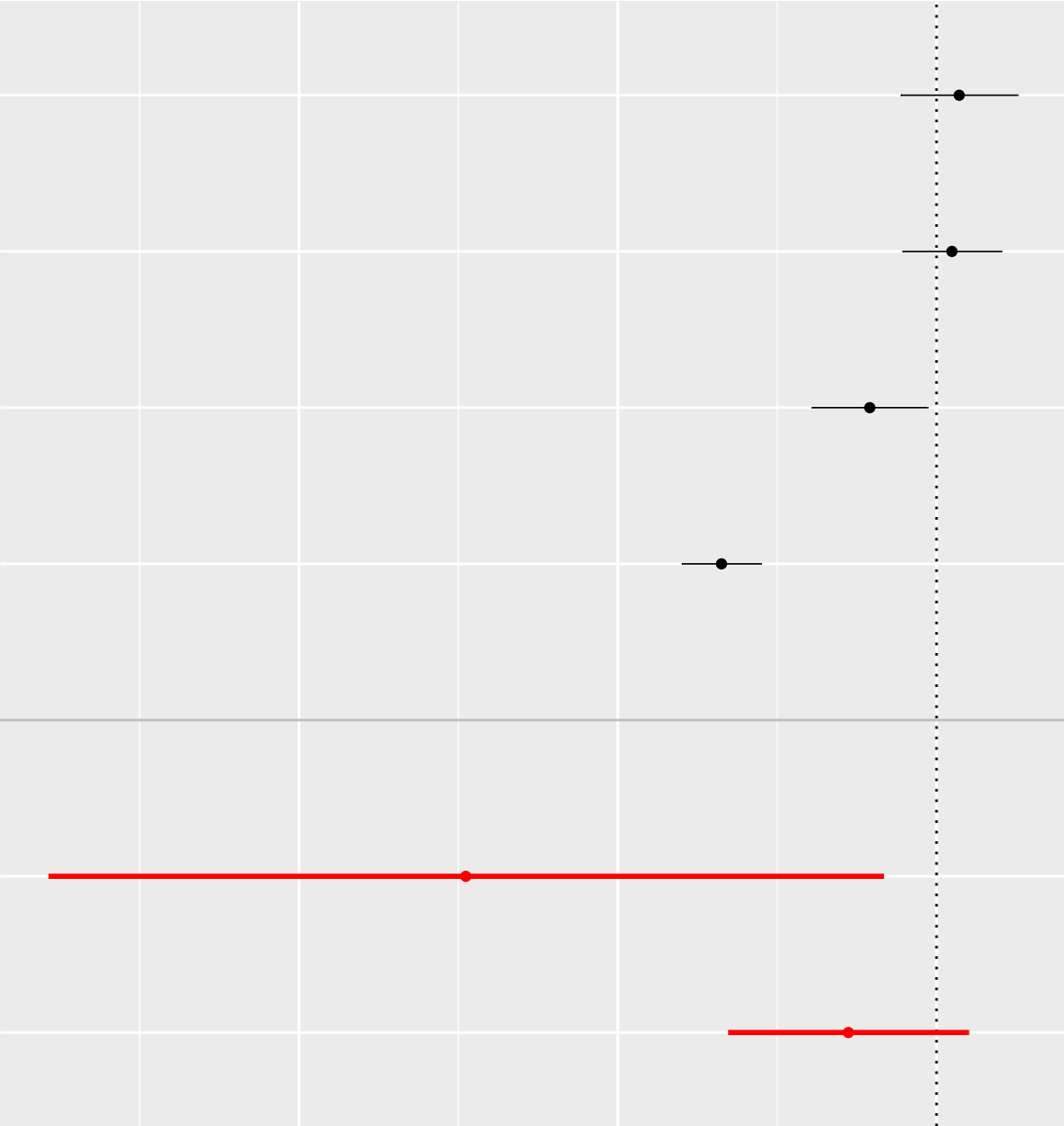
rs693839

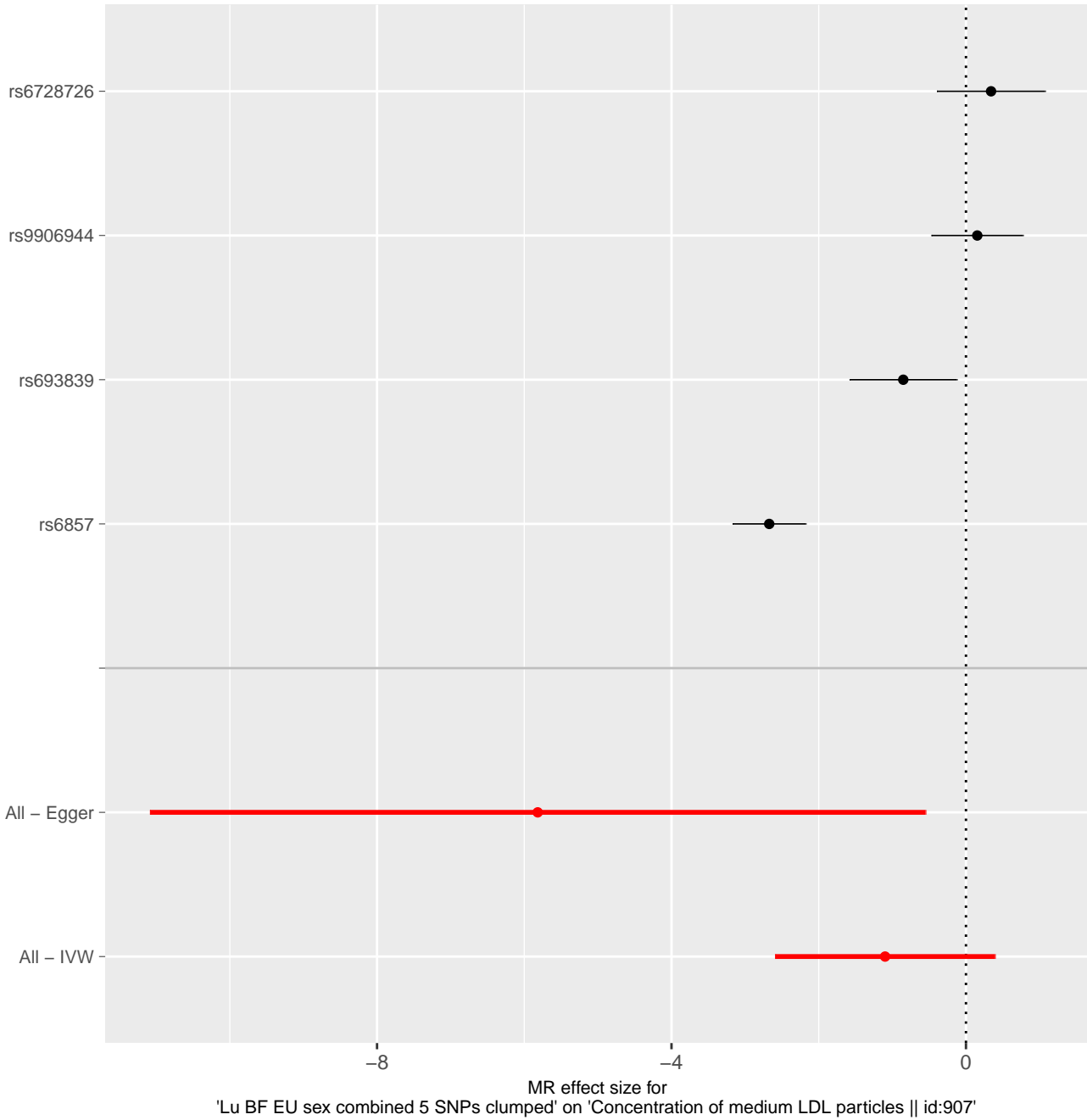
rs6857

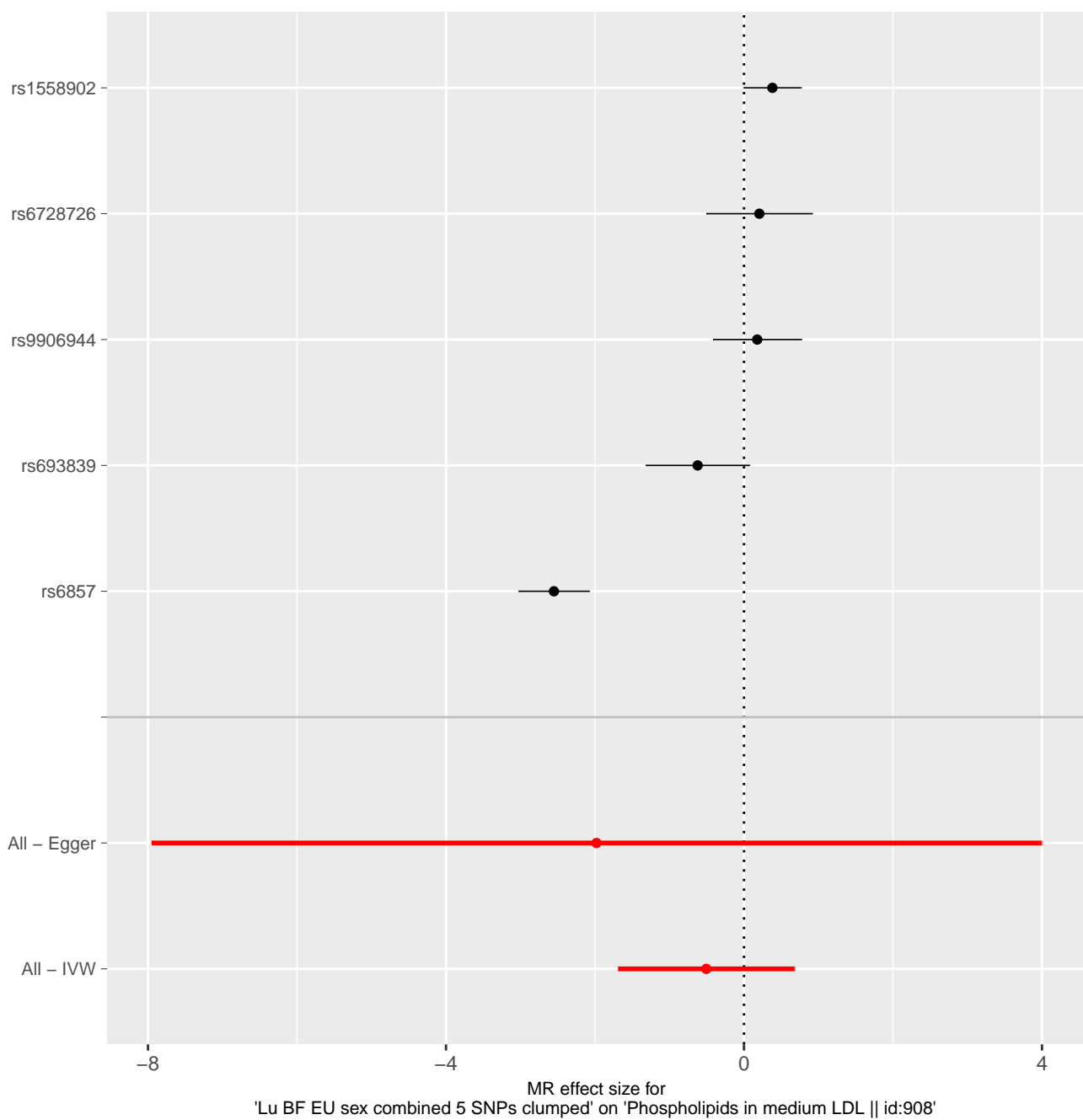
All – Egger

All – IVW

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Total lipids in medium LDL || id:906'







rs1558902

rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-6

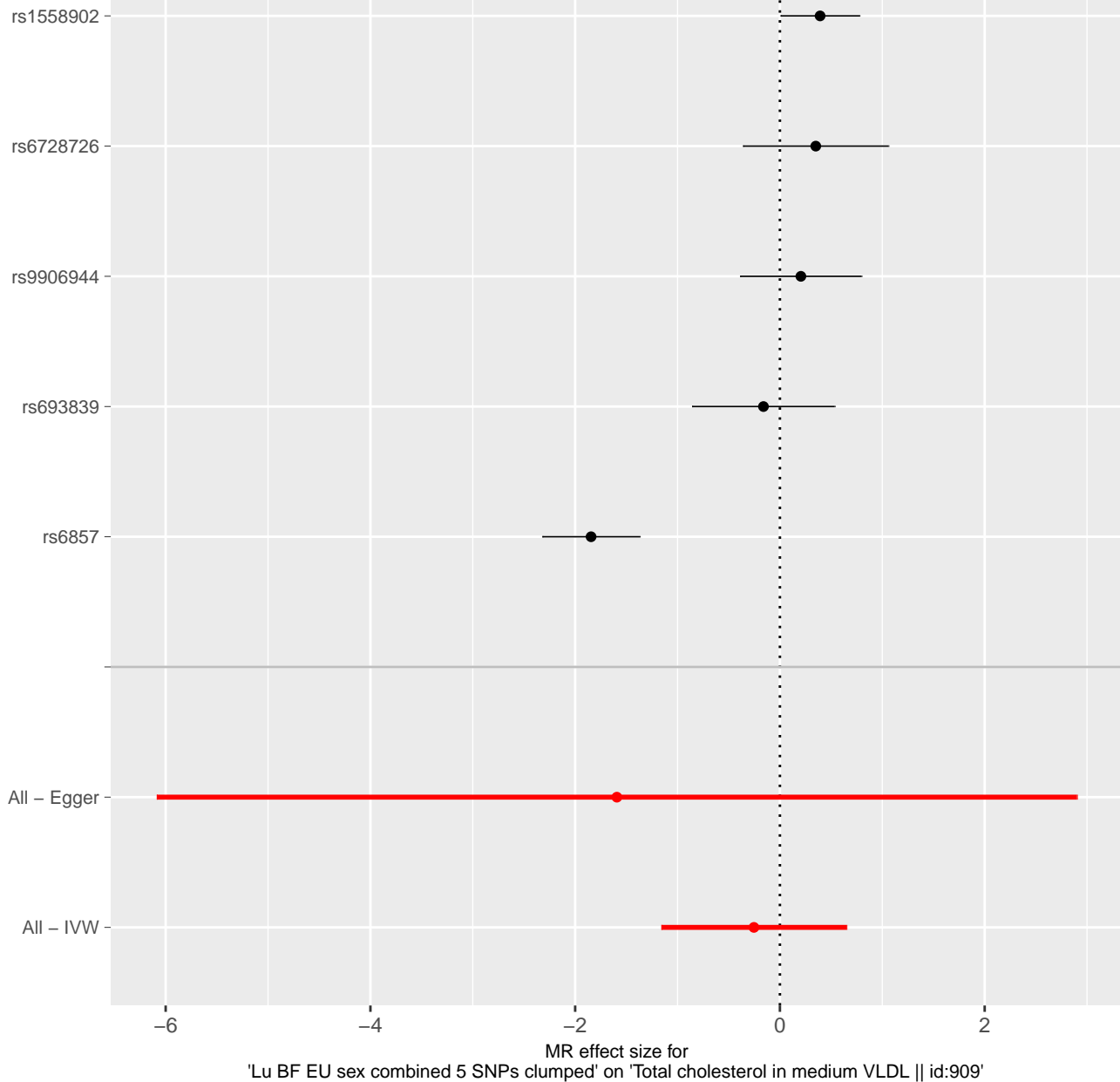
-4

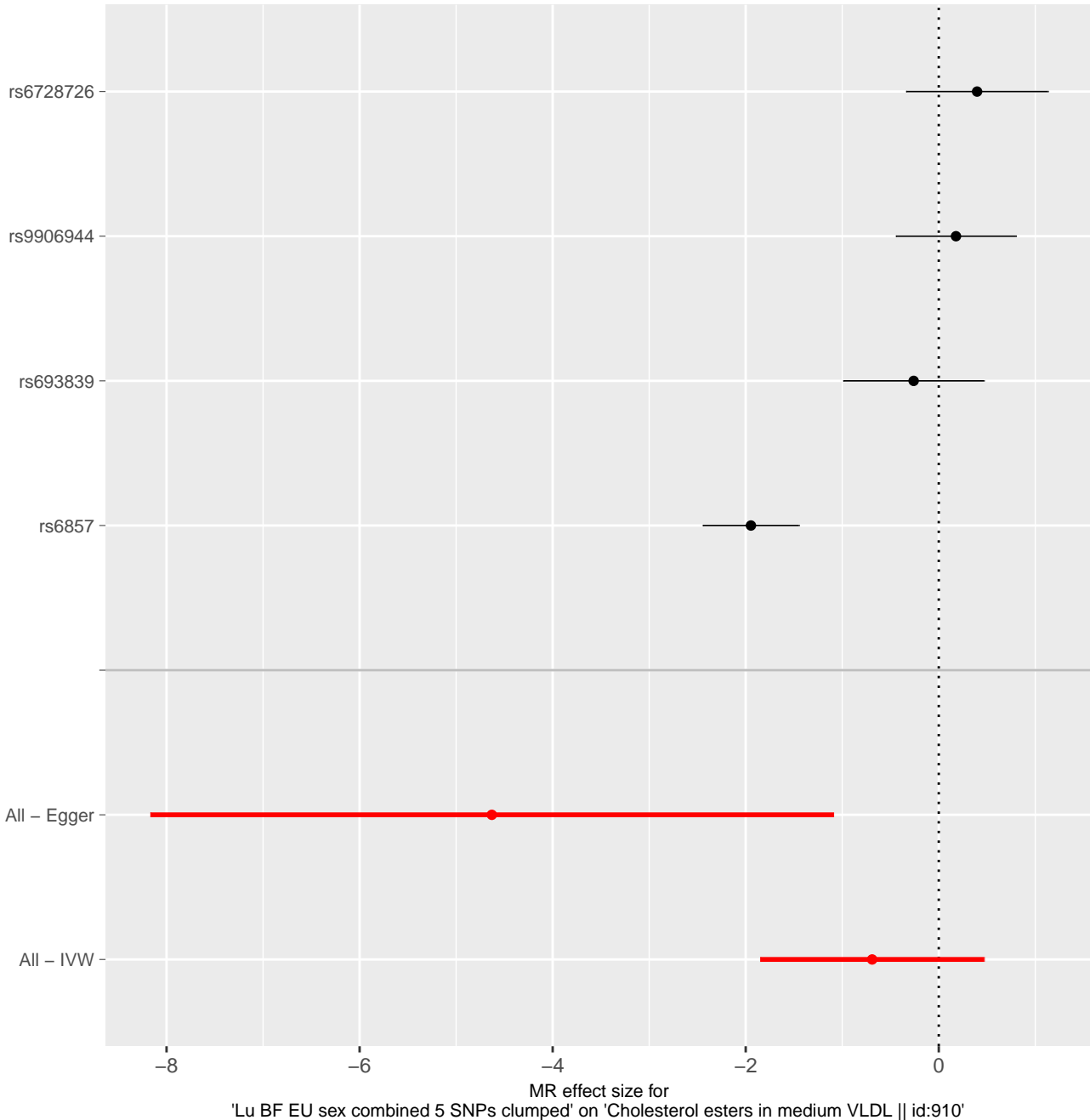
-2

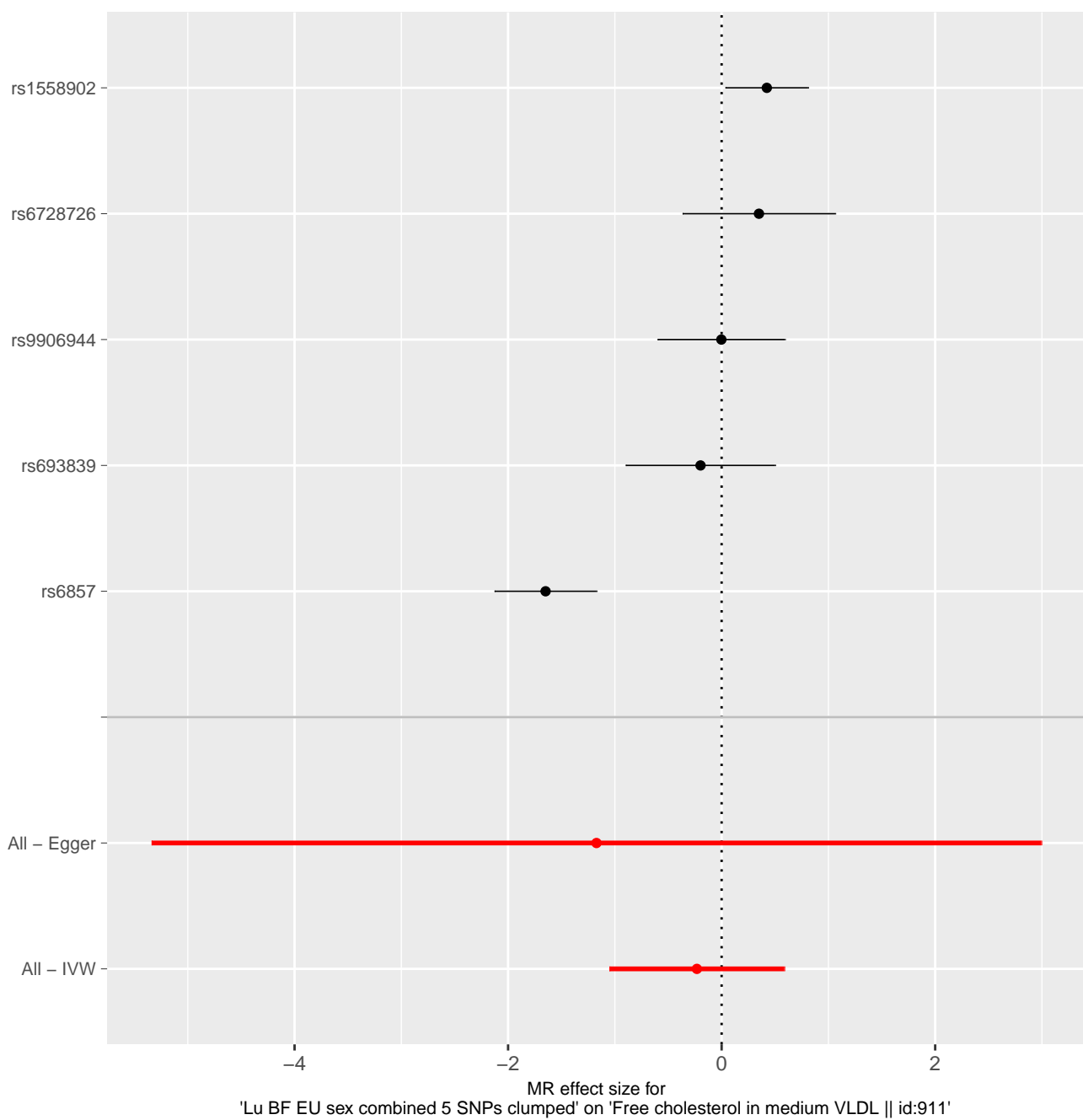
0

2

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Total cholesterol in medium VLDL || id:909'







rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-6

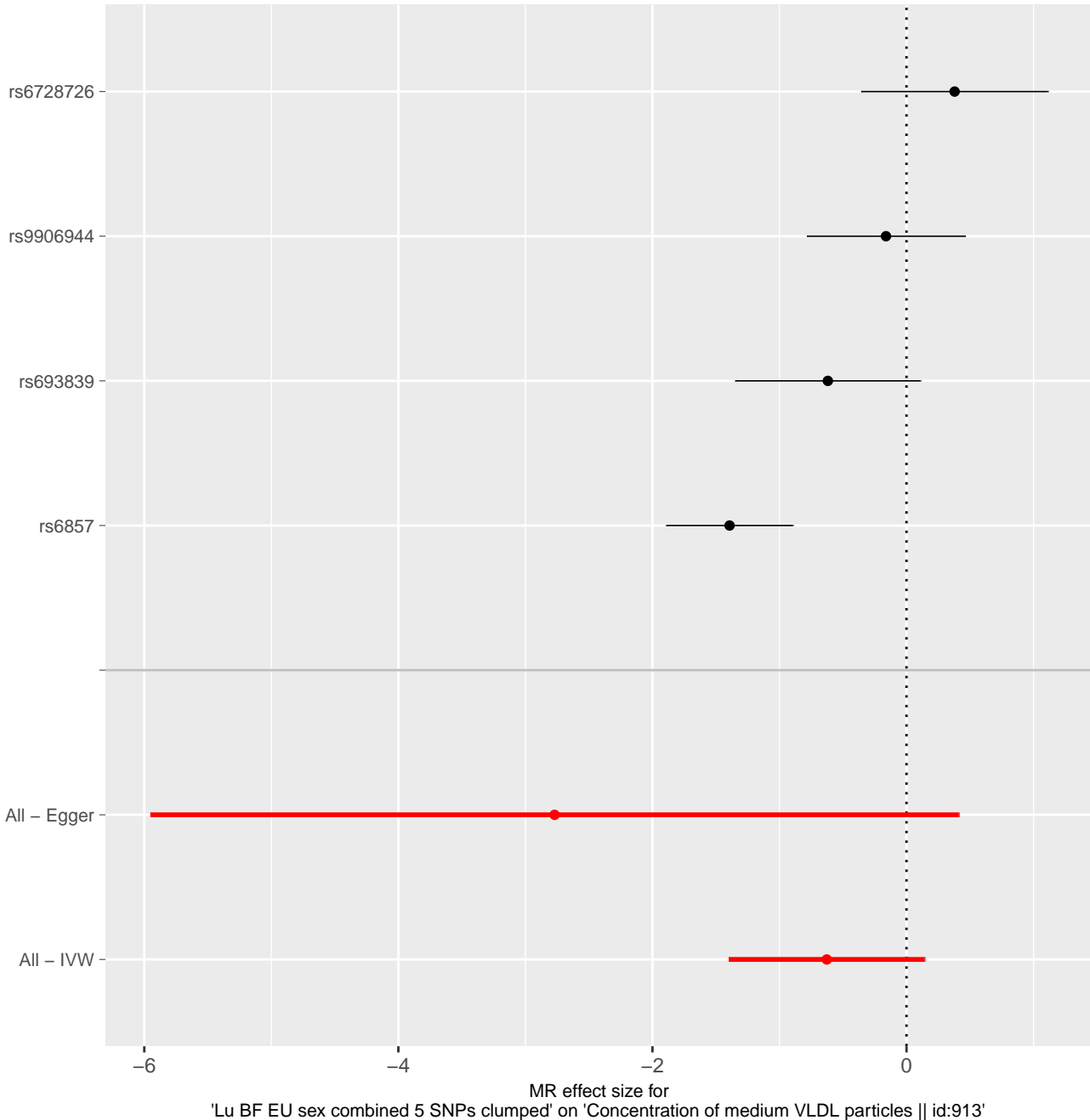
-4

-2

0

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Total lipids in medium VLDL || id:912'



rs1558902

rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-4

-2

0

2

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Phospholipids in medium VLDL || id:914'

rs1558902

rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-4

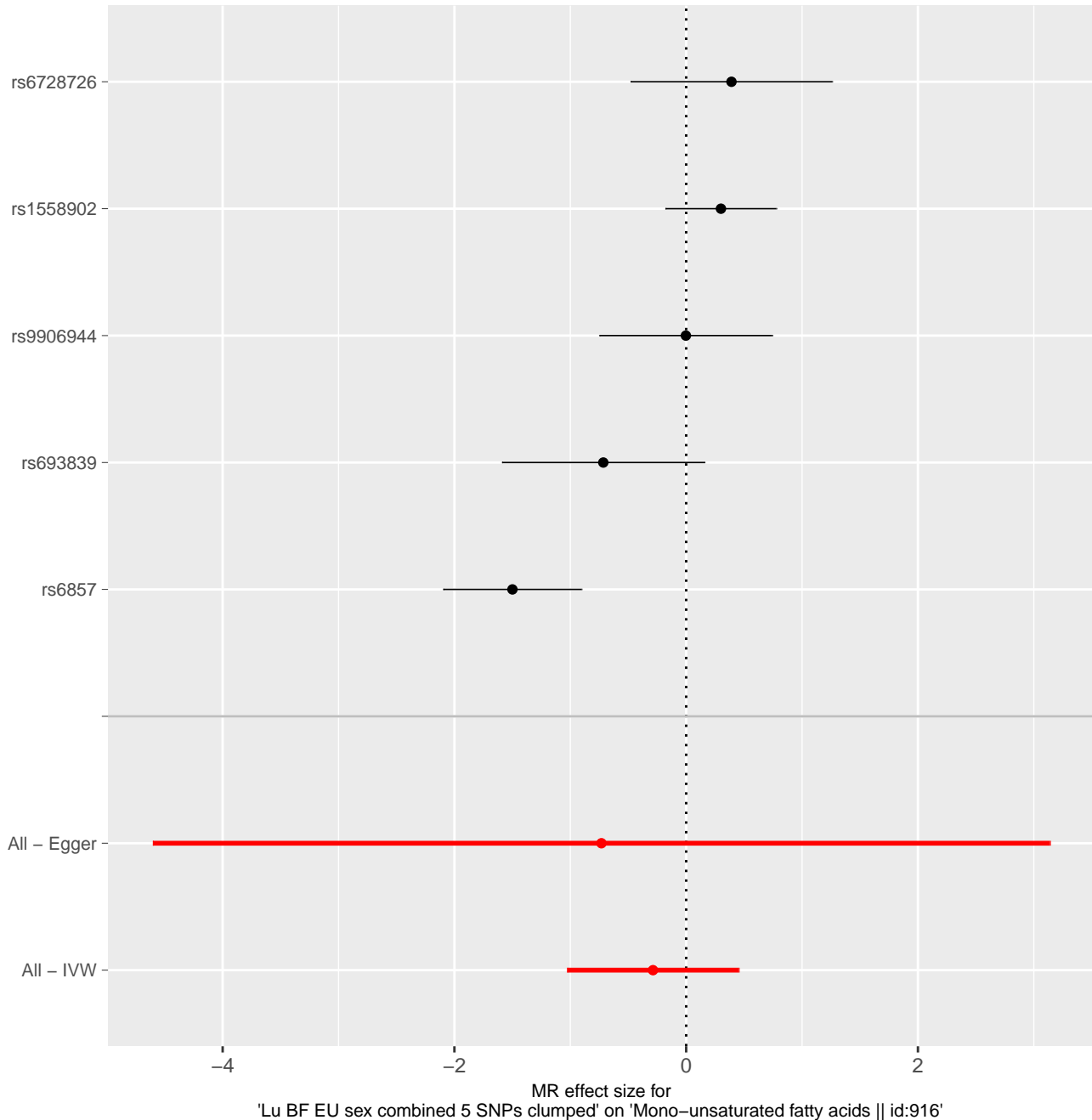
-2

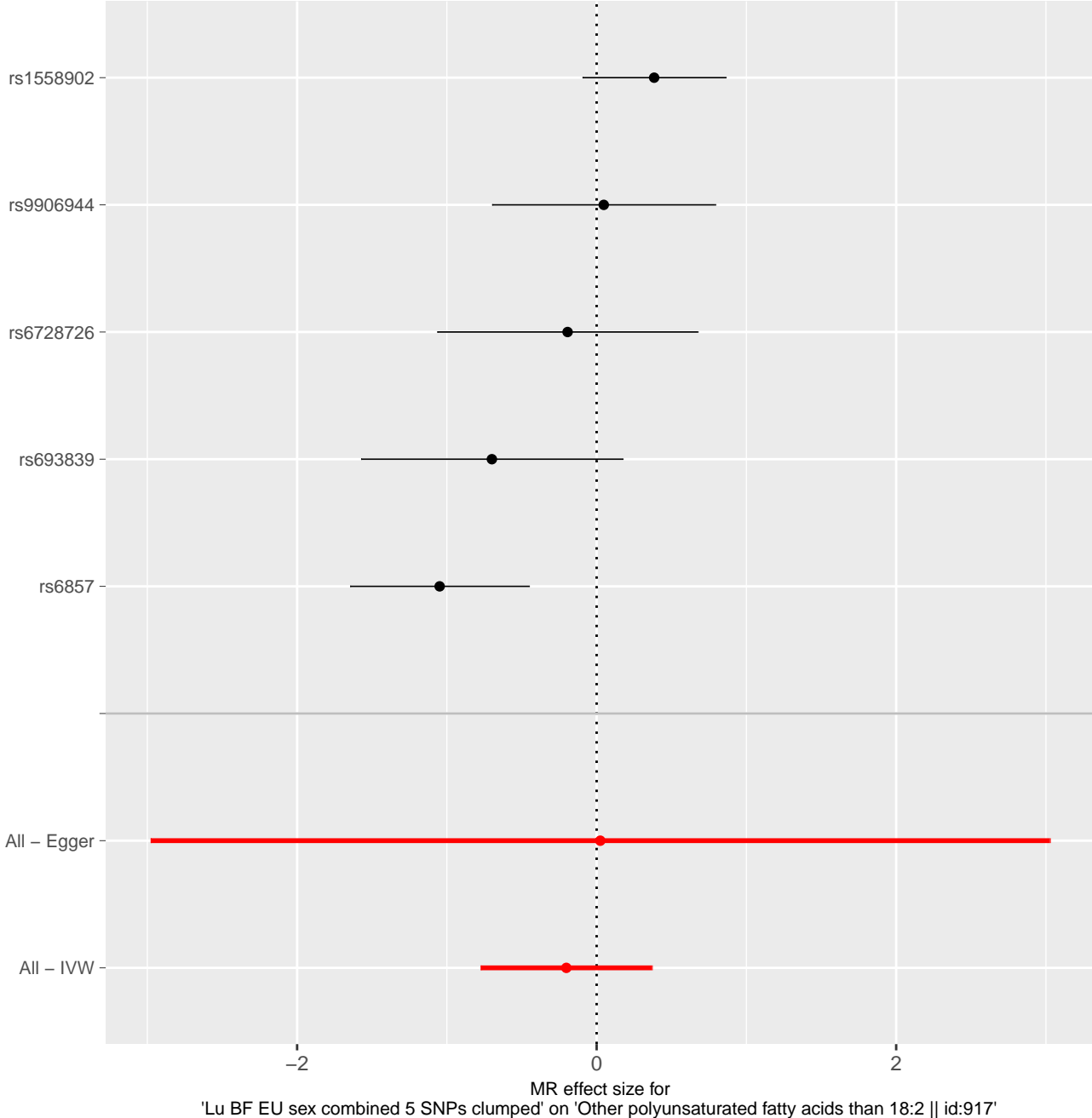
0

2

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Triglycerides in medium VLDL || id:915'





rs1558902

rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-2

-1

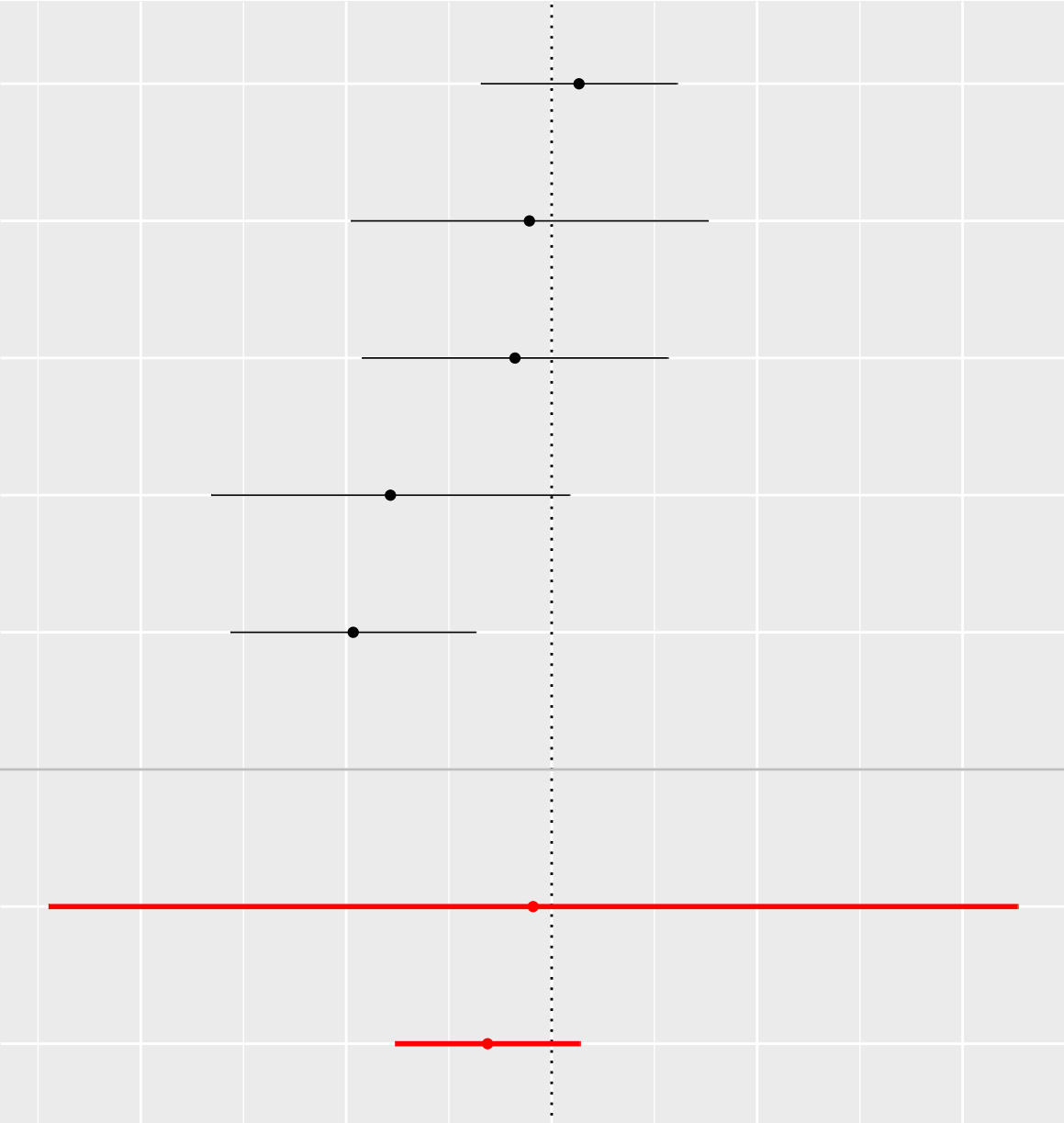
0

1

2

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Phosphatidylcholine and other choline || id:918'



rs6728726

rs1558902

rs6857

rs9906944

rs693839

All – Egger

All – IVW

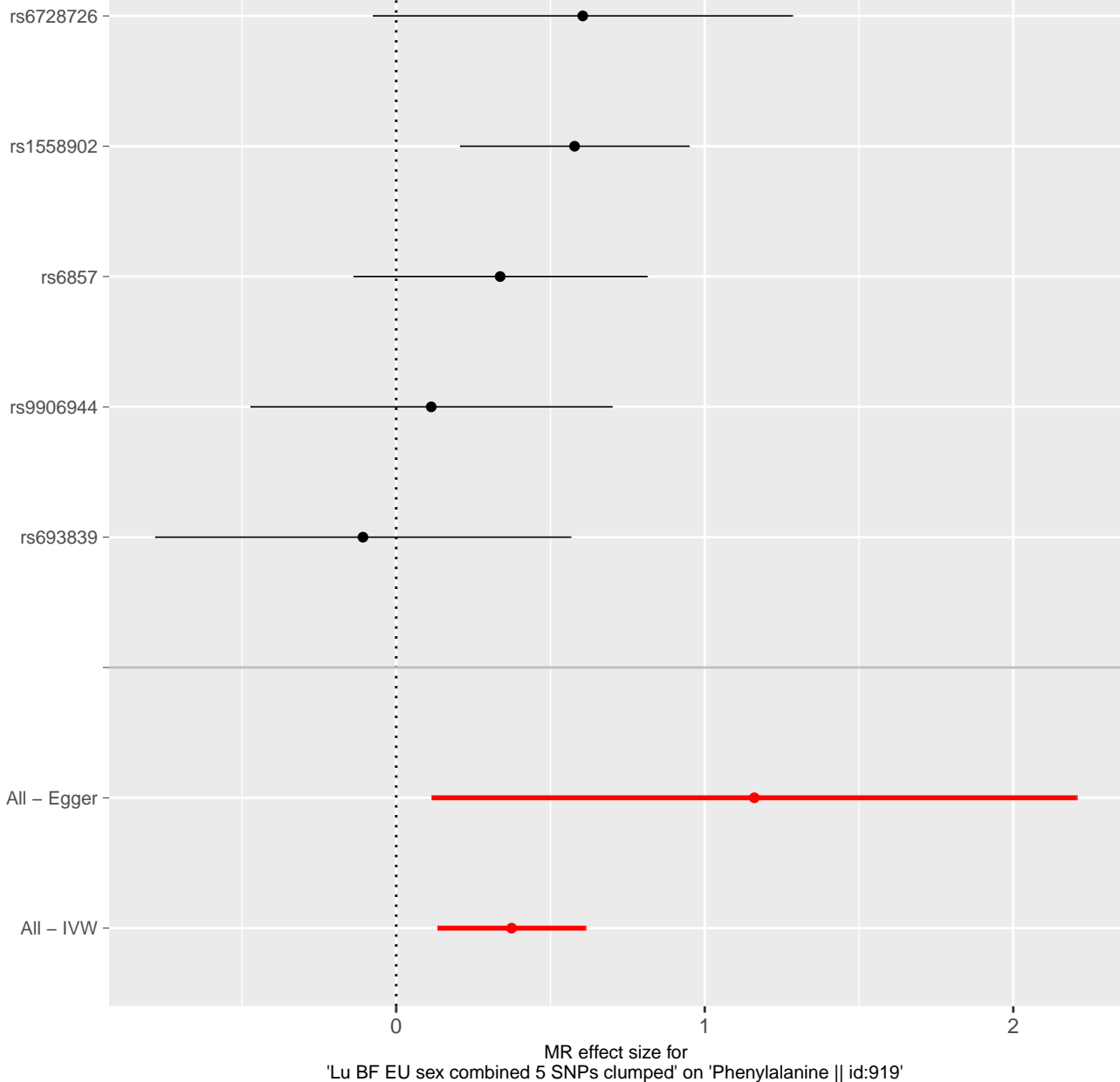
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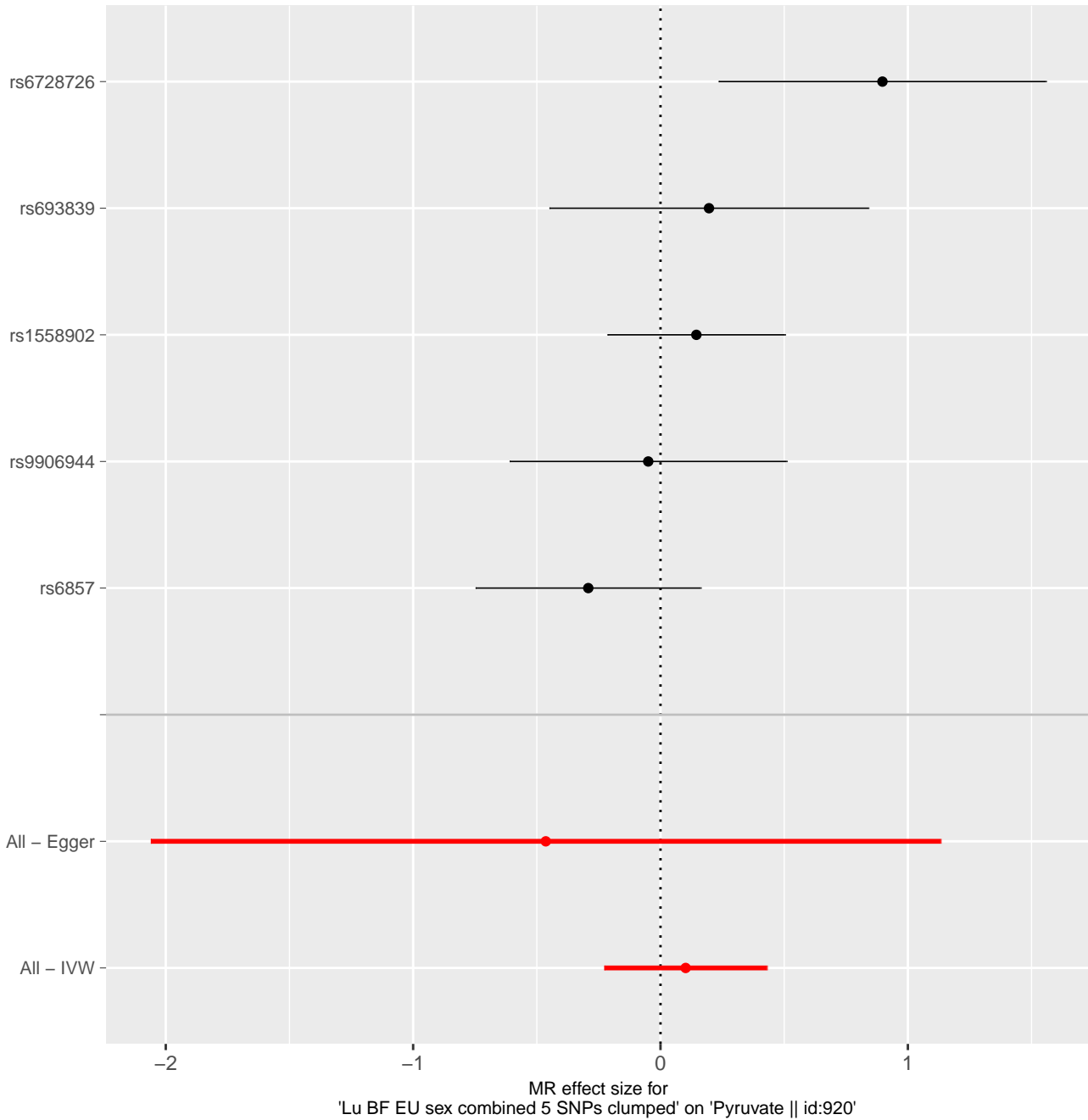
1

2

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Phenylalanine || id:919'





rs6728726

rs9906944

rs6857

rs693839

All – Egger

All – IVW

-3

-2

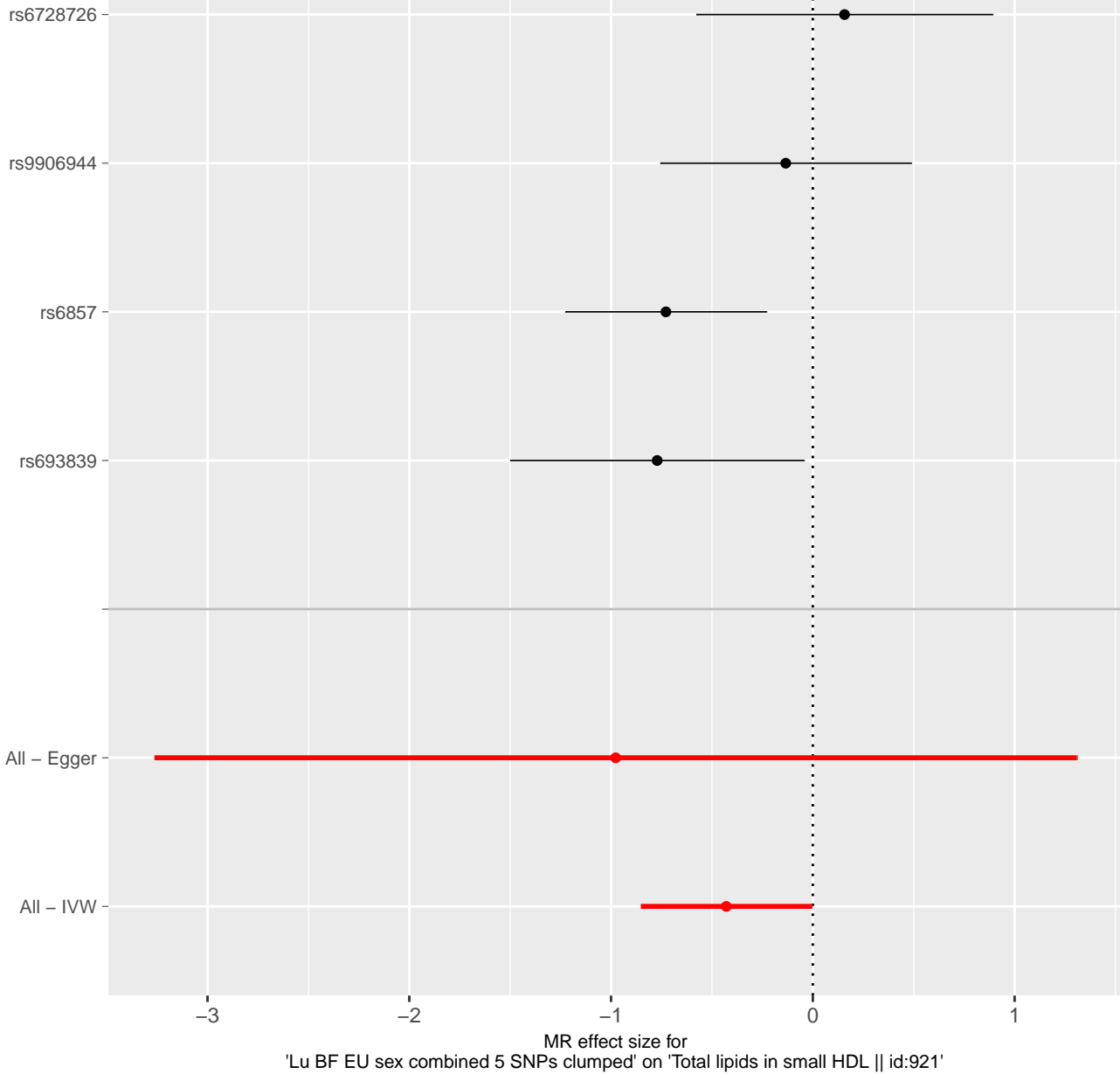
-1

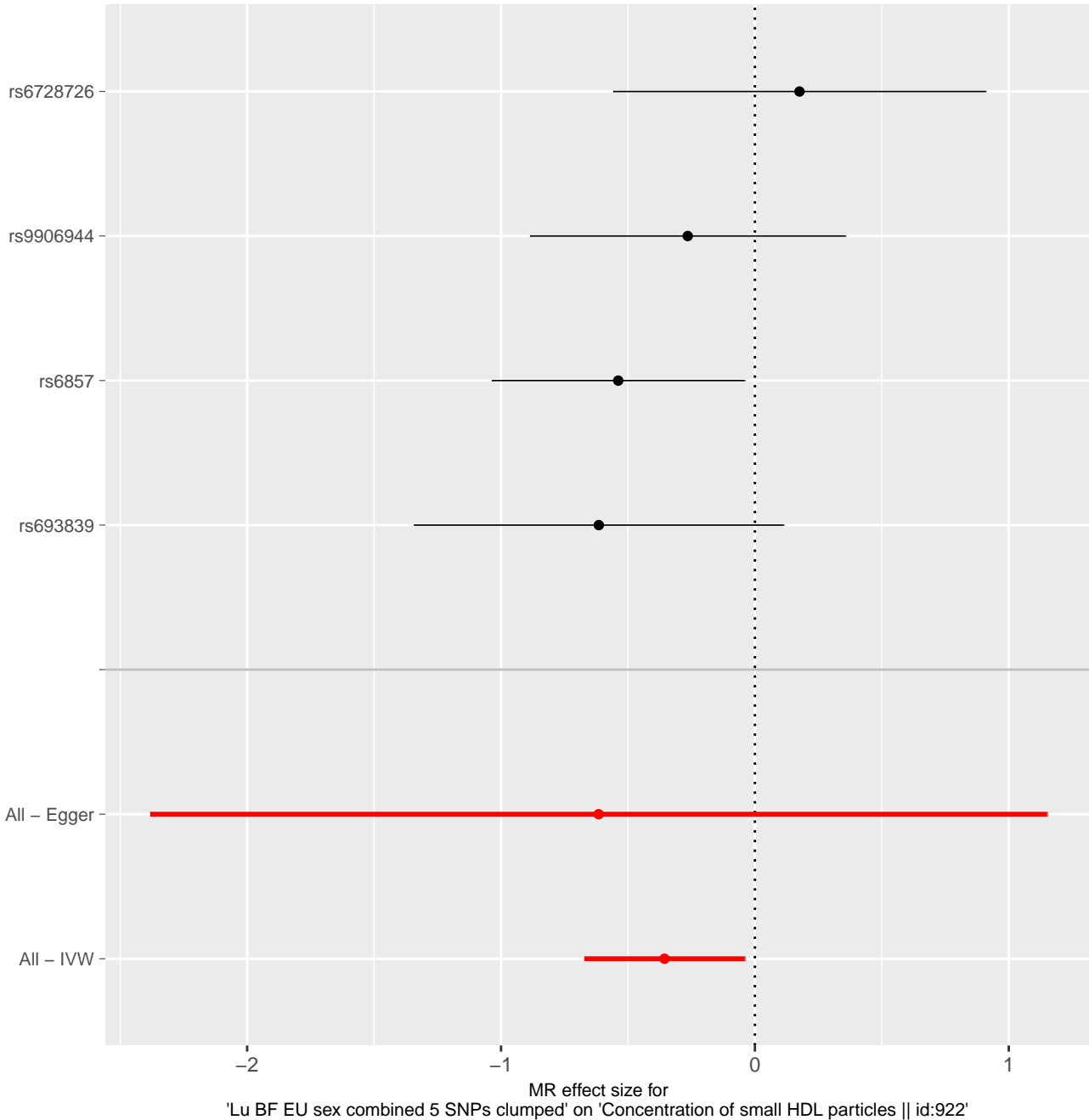
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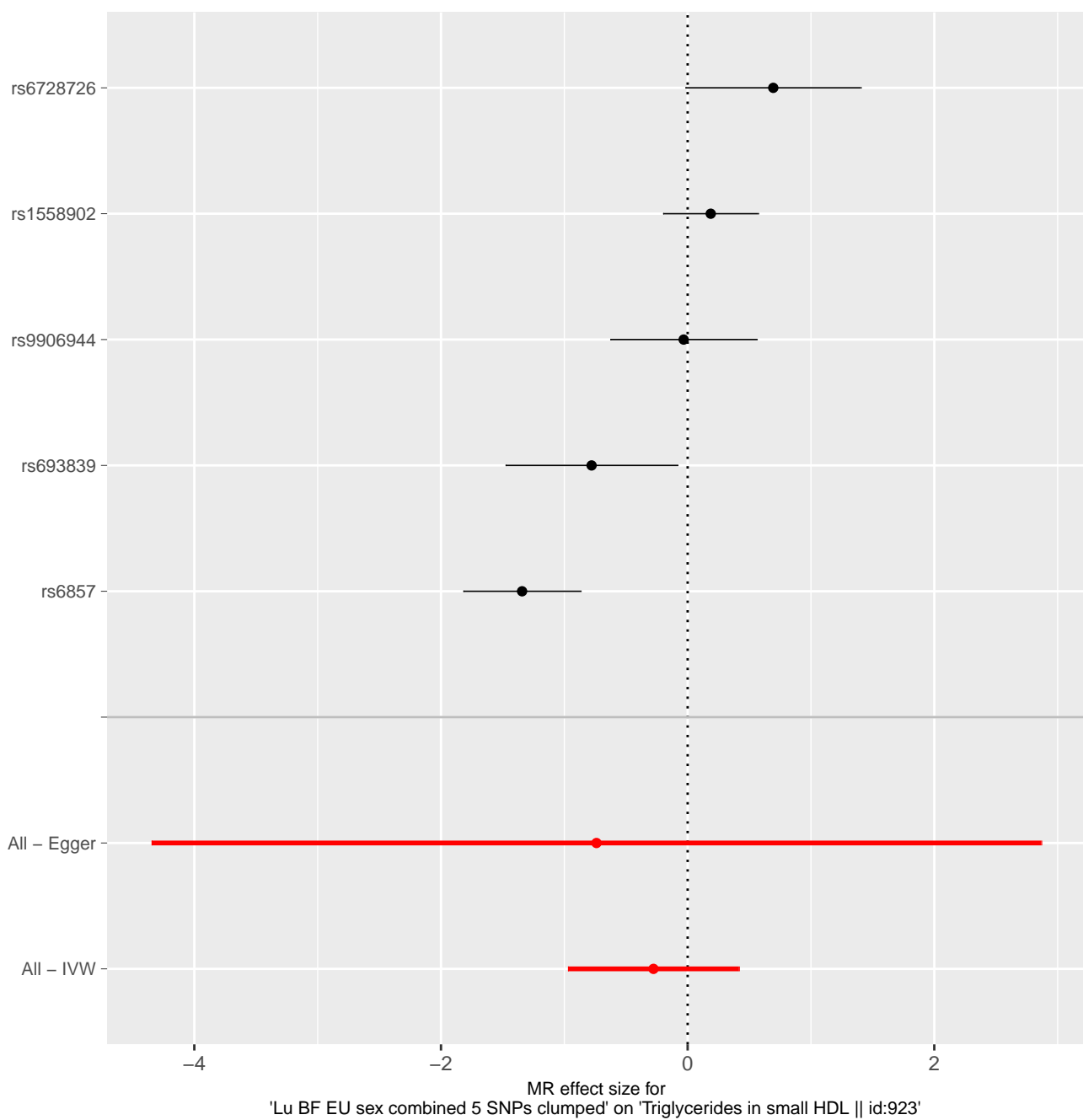
1

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Total lipids in small HDL || id:921'







rs1558902

rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-5

0

5

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Total cholesterol in small LDL || id:924'

rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-8

-4

0

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Total lipids in small LDL || id:925'

rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-8

-4

0

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Concentration of small LDL particles || id:926'

rs9906944

rs6728726

rs1558902

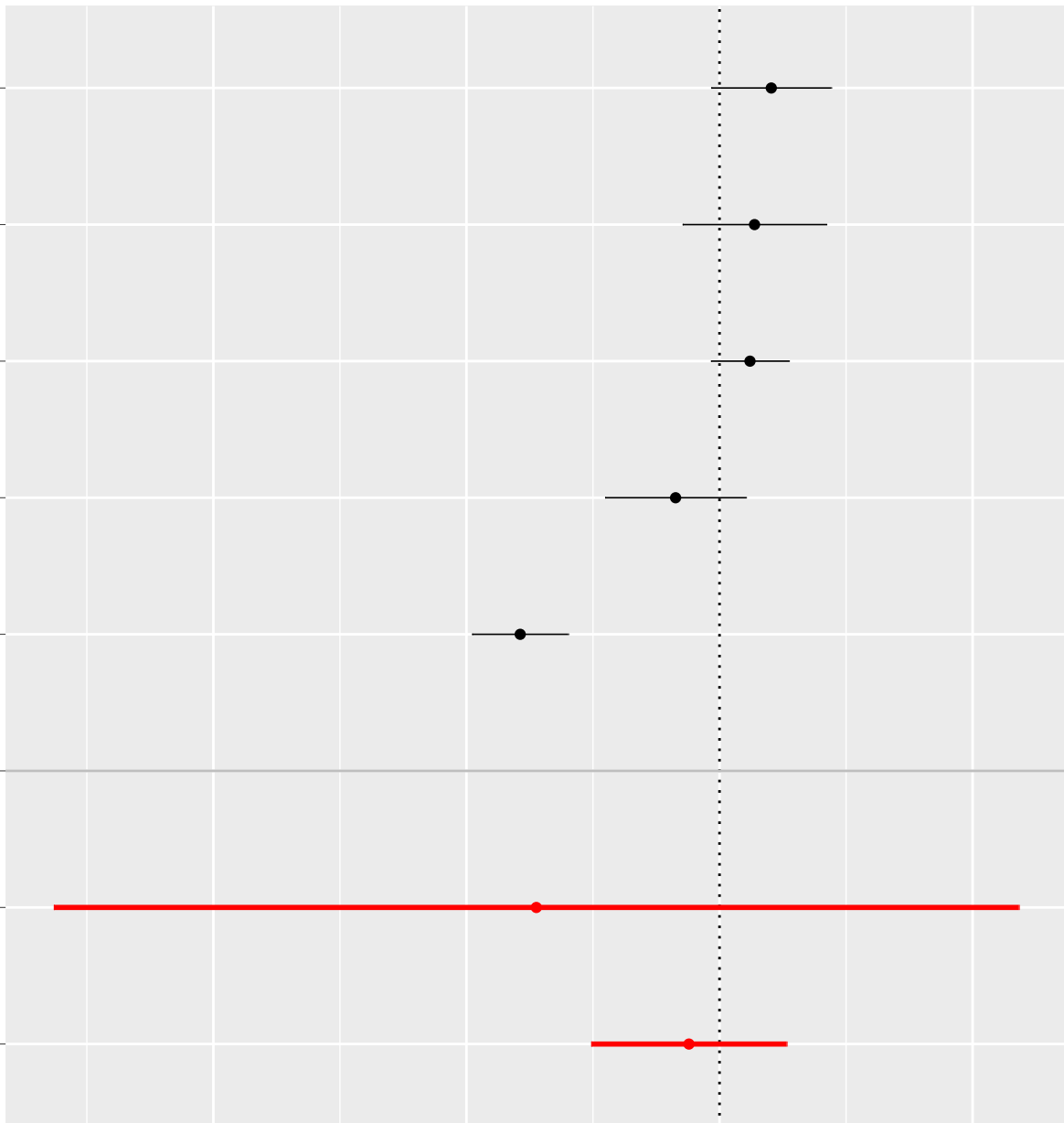
rs693839

rs6857

All – Egger

All – IVW

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Total cholesterol in small VLDL || id:927'



rs6728726

rs1558902

rs9906944

rs693839

rs6857

All – Egger

All – IVW

–5.0

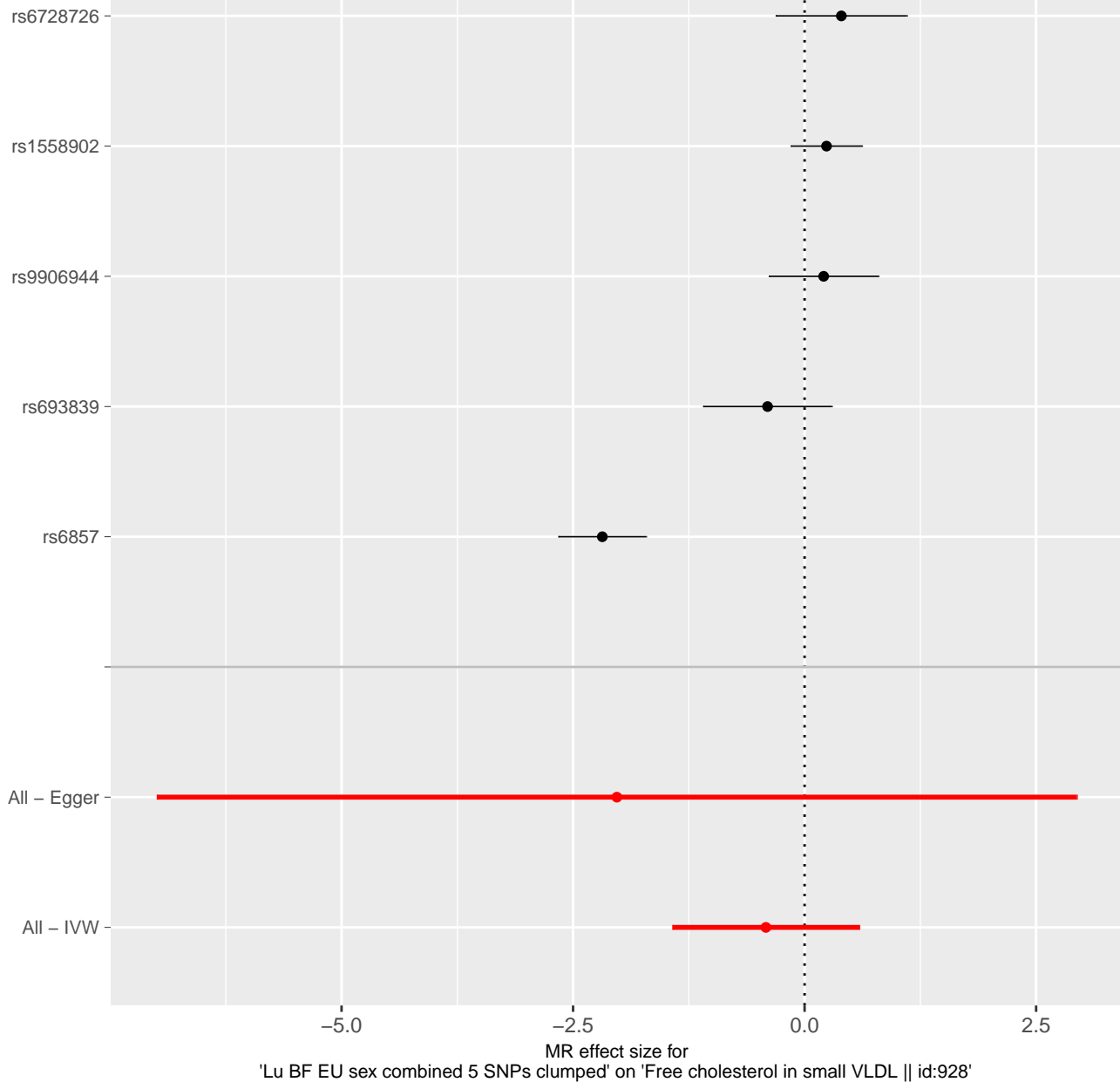
–2.5

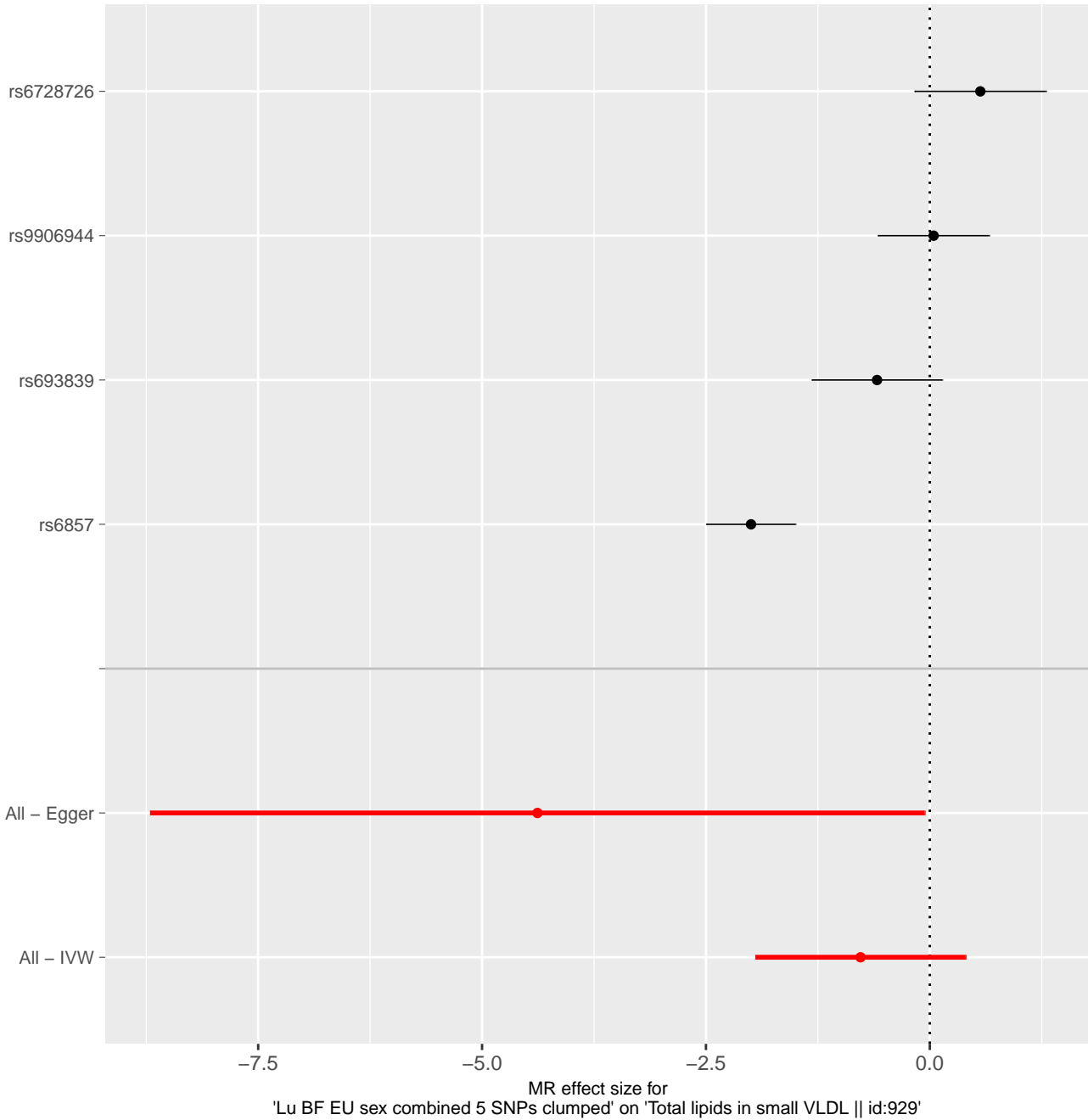
0.0

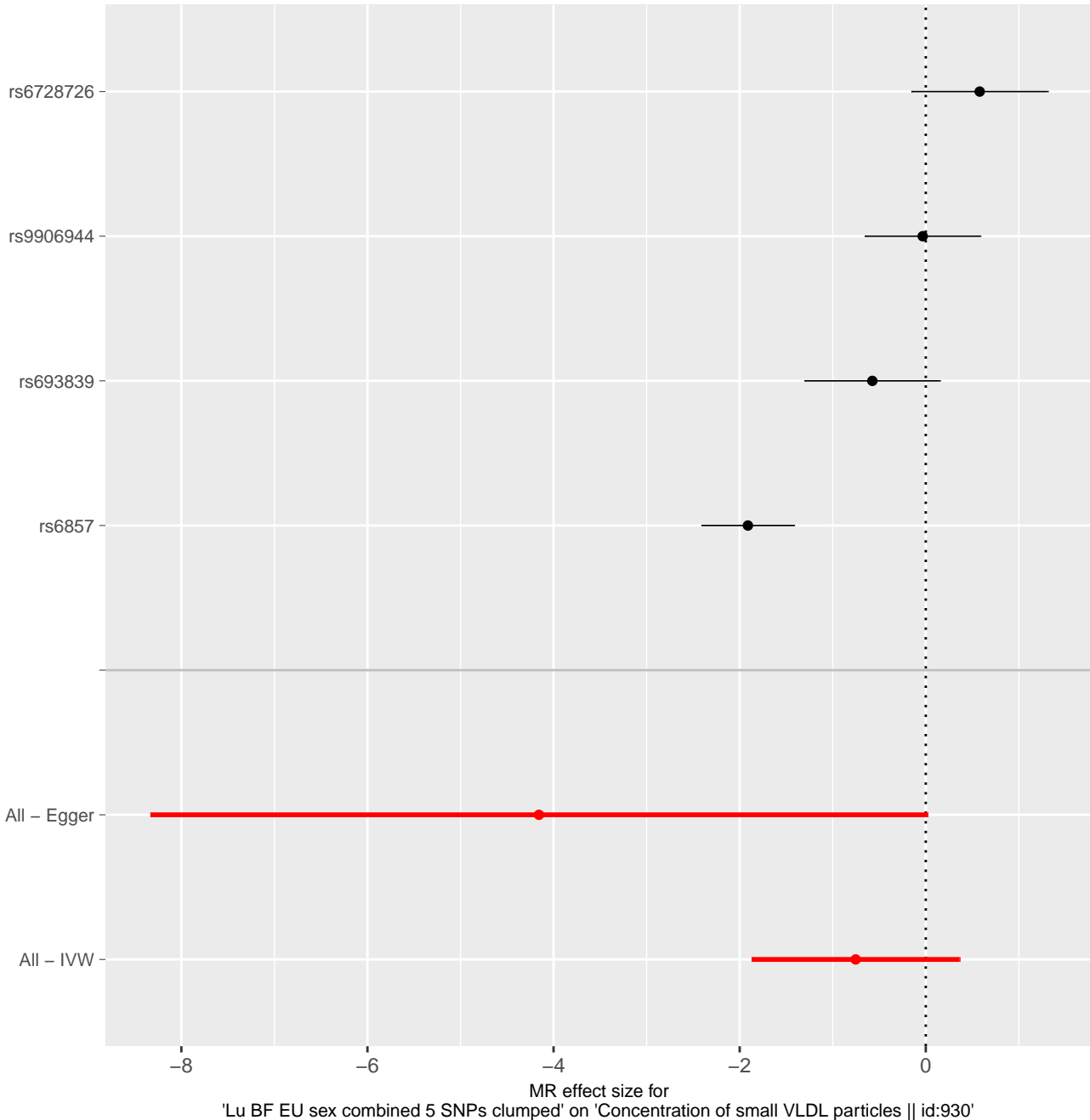
2.5

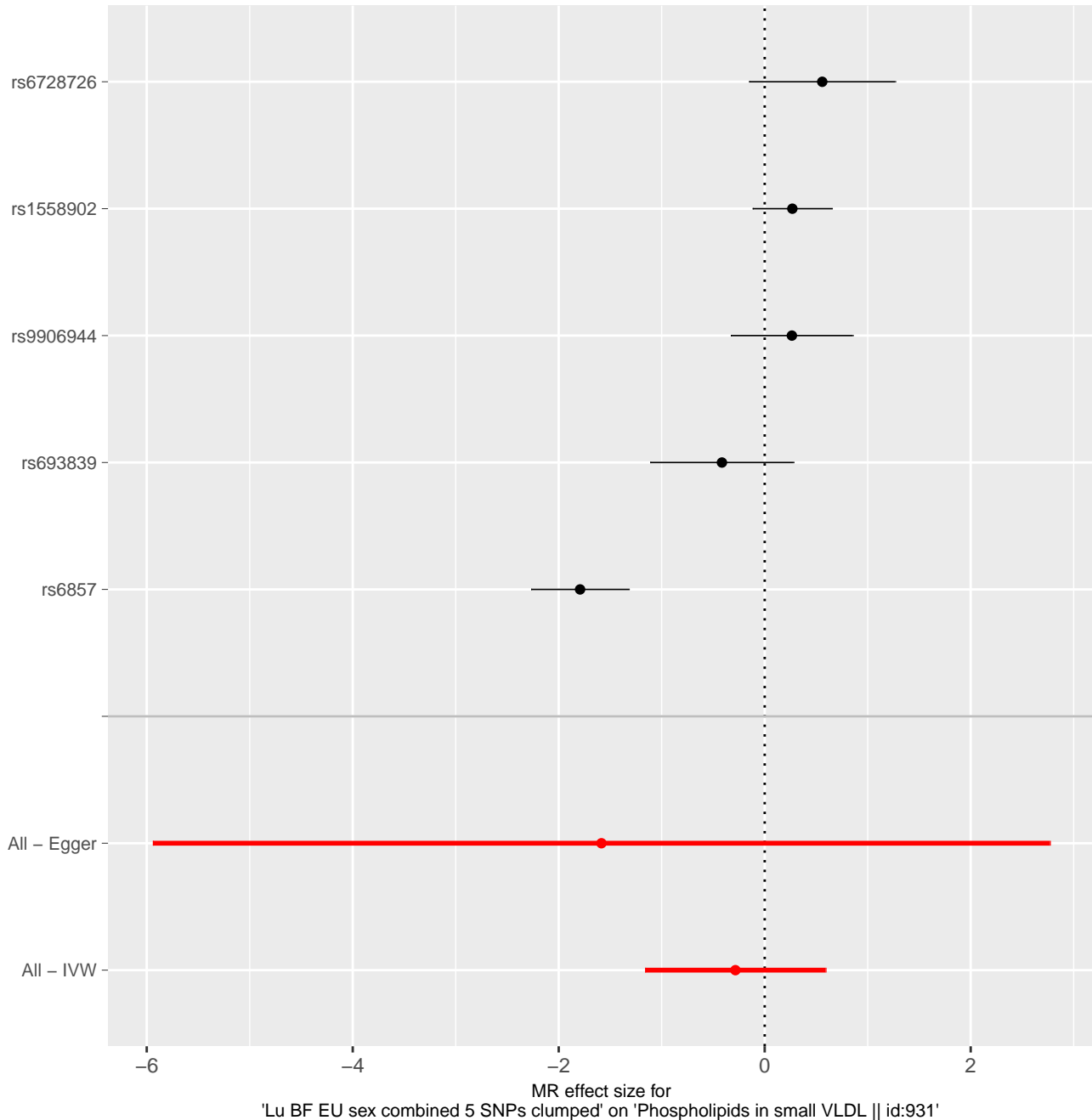
MR effect size for

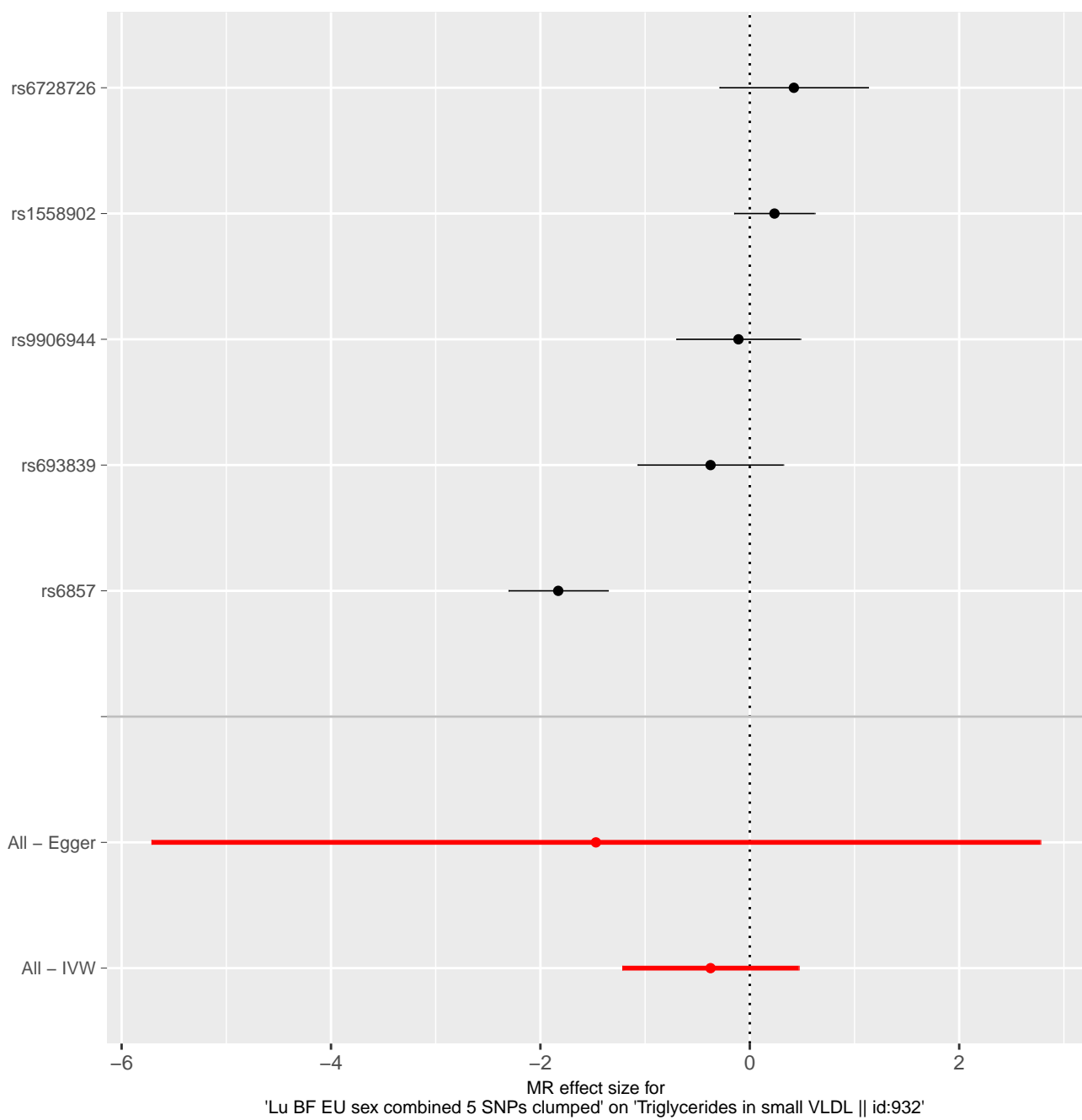
'Lu BF EU sex combined 5 SNPs clumped' on 'Free cholesterol in small VLDL || id:928'

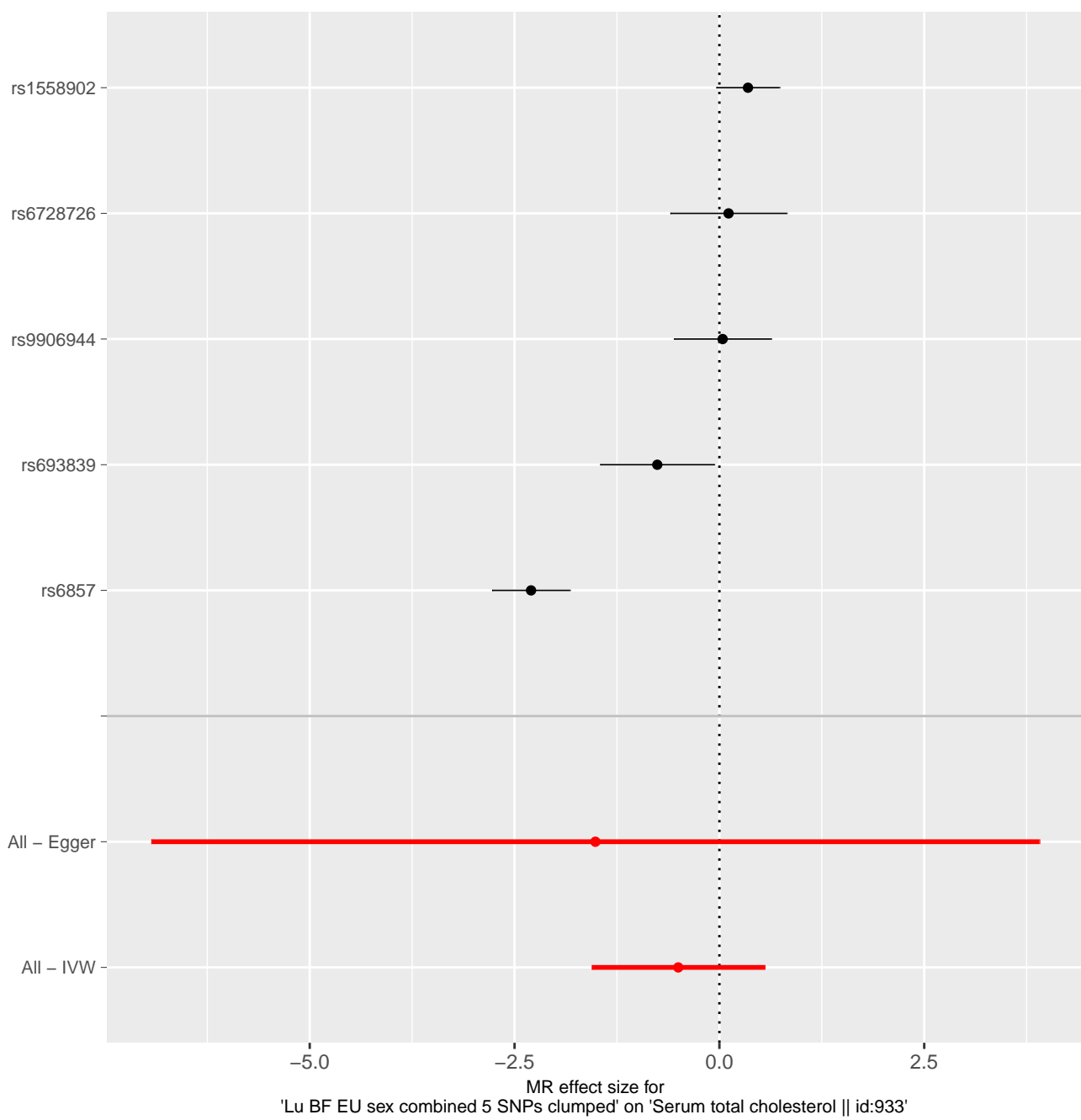


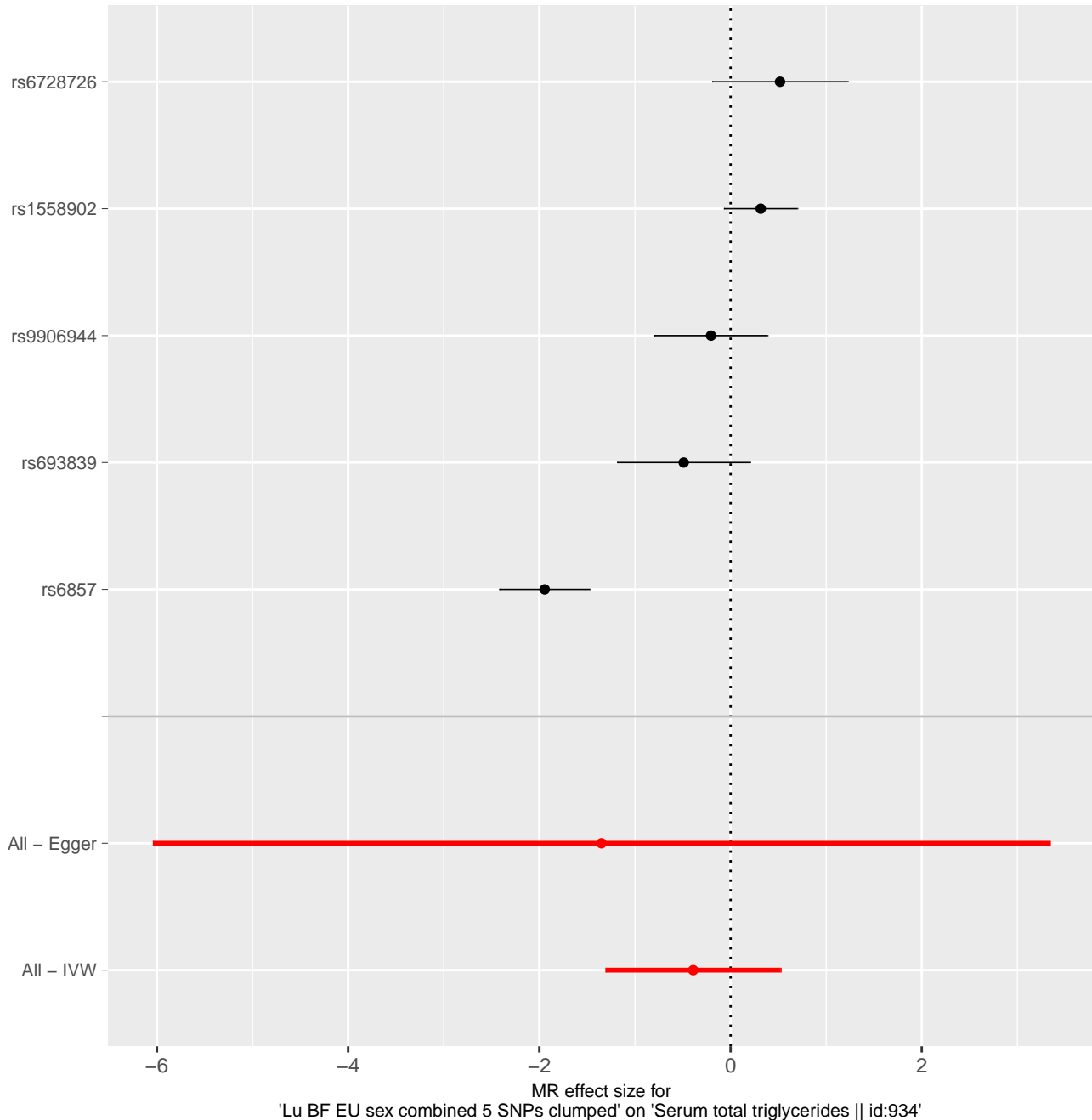












rs1558902

rs9906944

rs6728726

rs693839

rs6857

All – Egger

All – IVW

-2

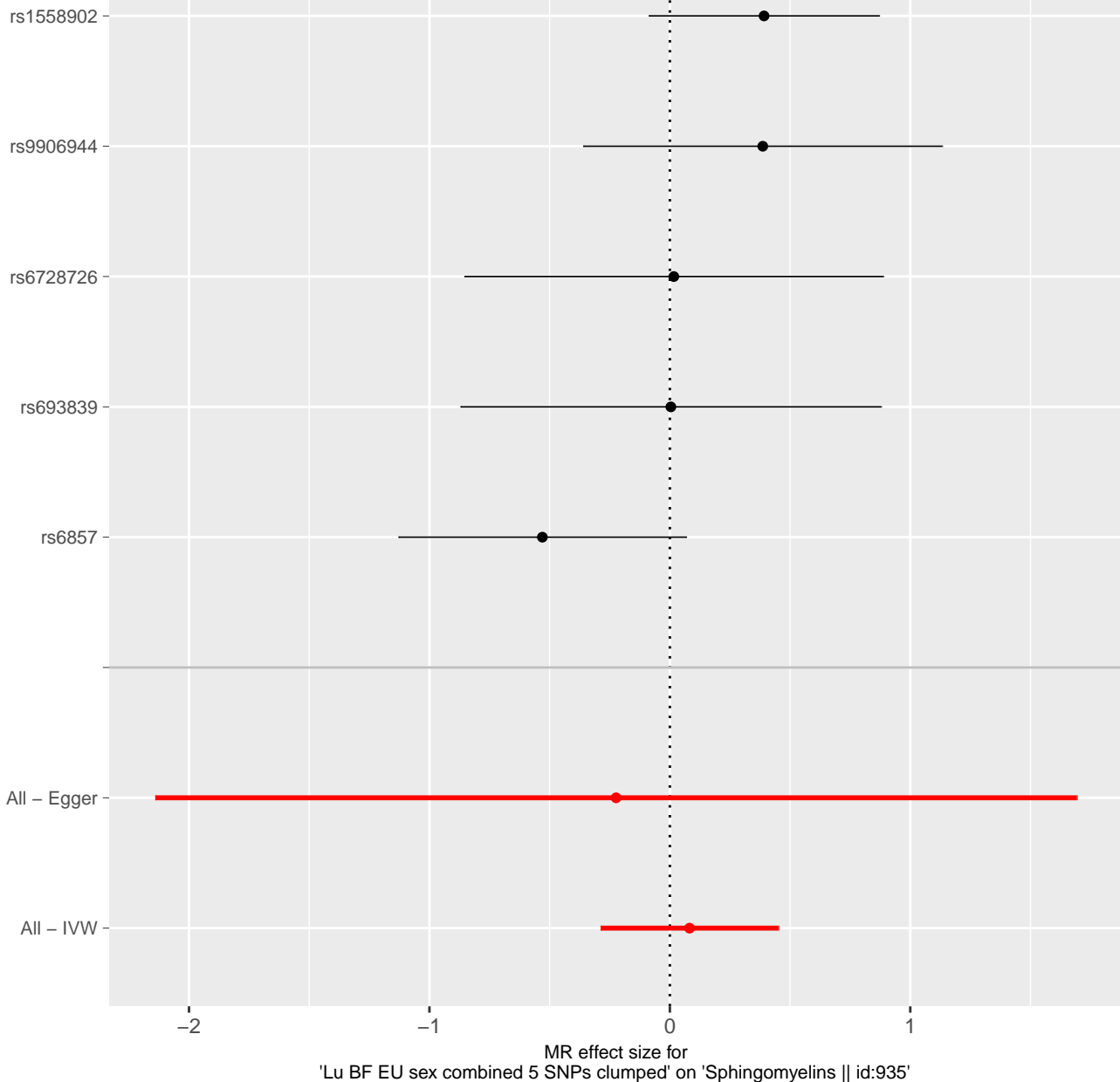
-1

0

1

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Sphingomyelins || id:935'



rs6728726

rs1558902

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-4

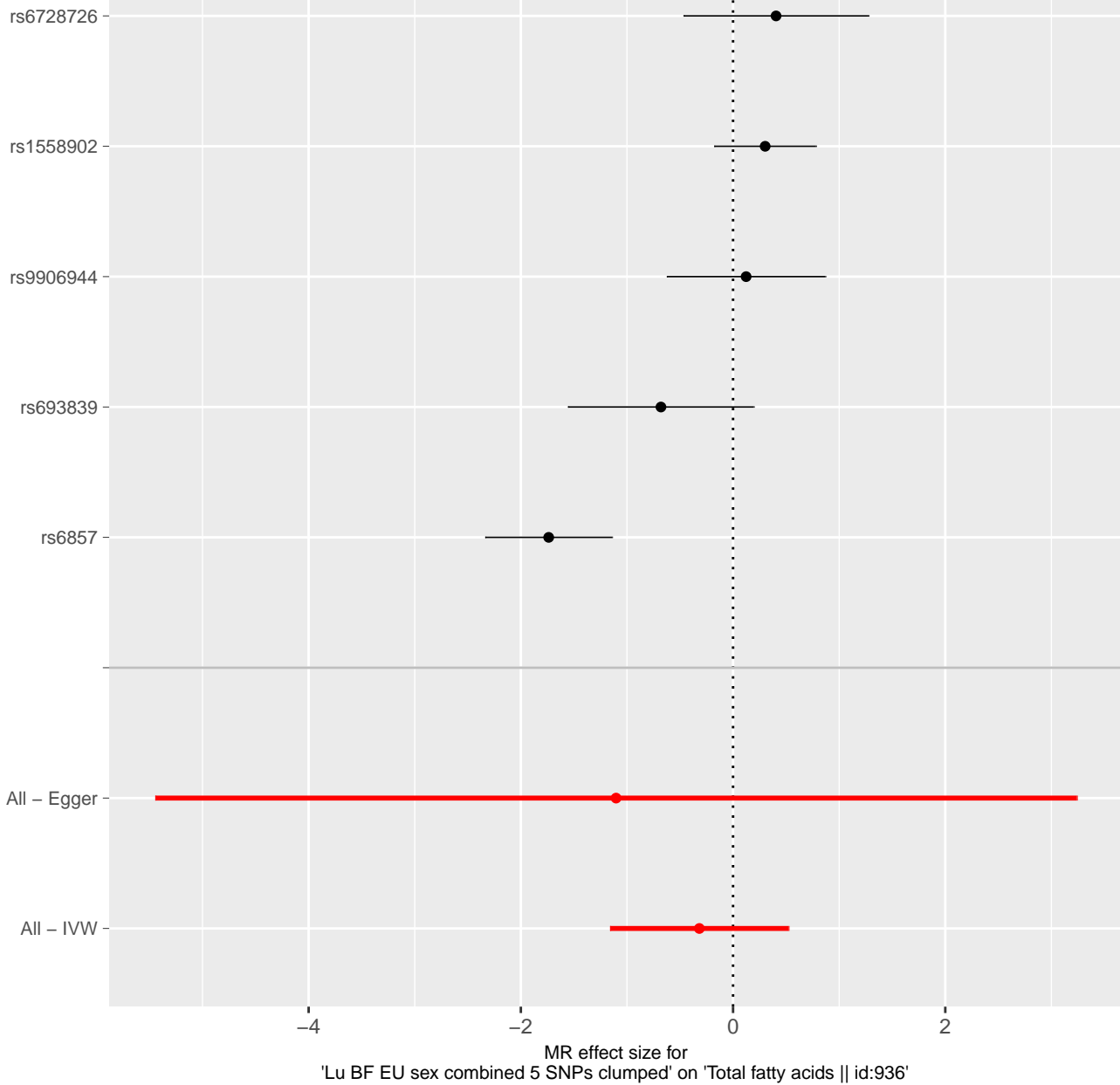
-2

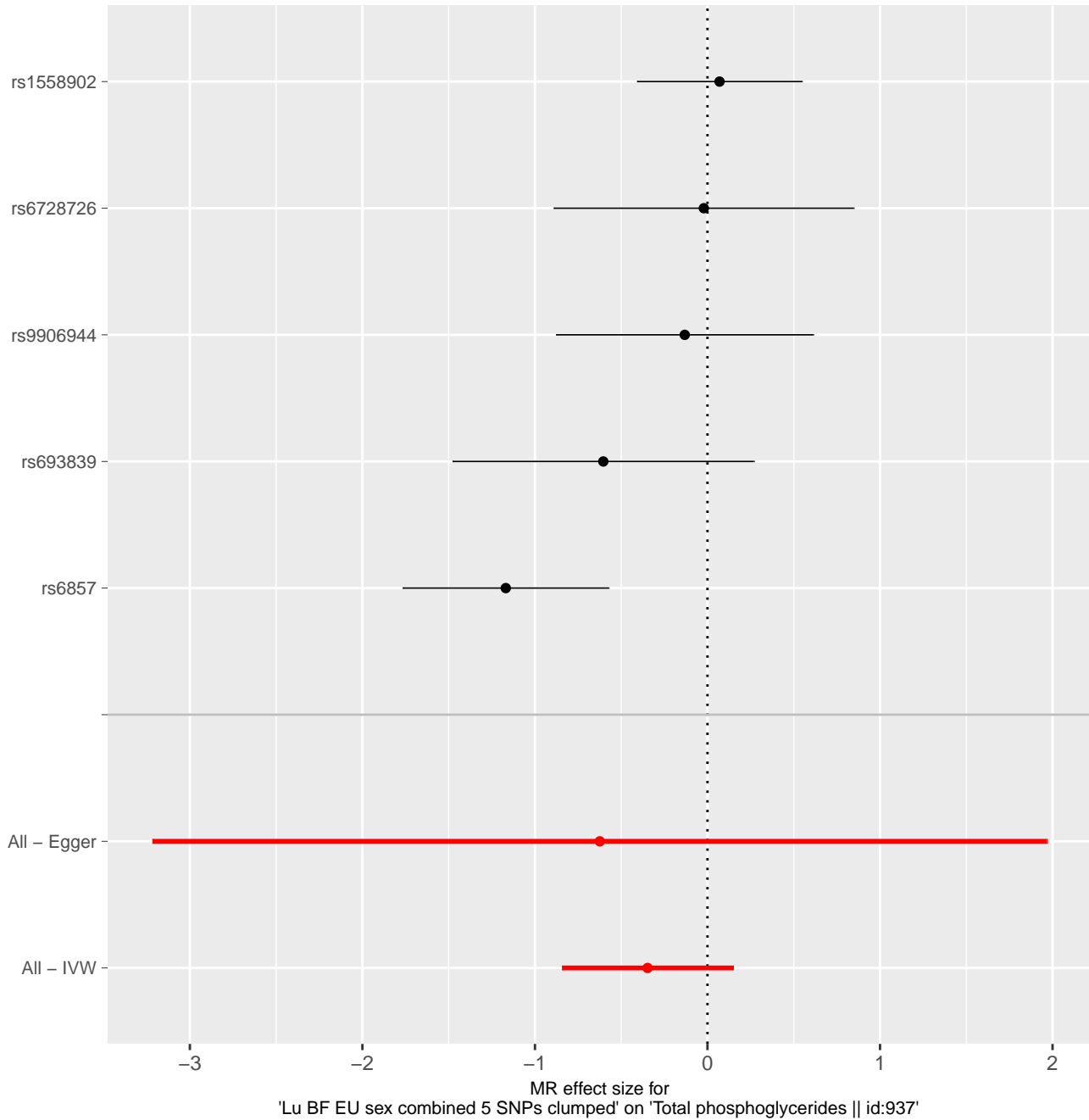
0

2

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Total fatty acids || id:936'





rs6728726

rs6857

rs1558902

rs9906944

rs693839

All – Egger

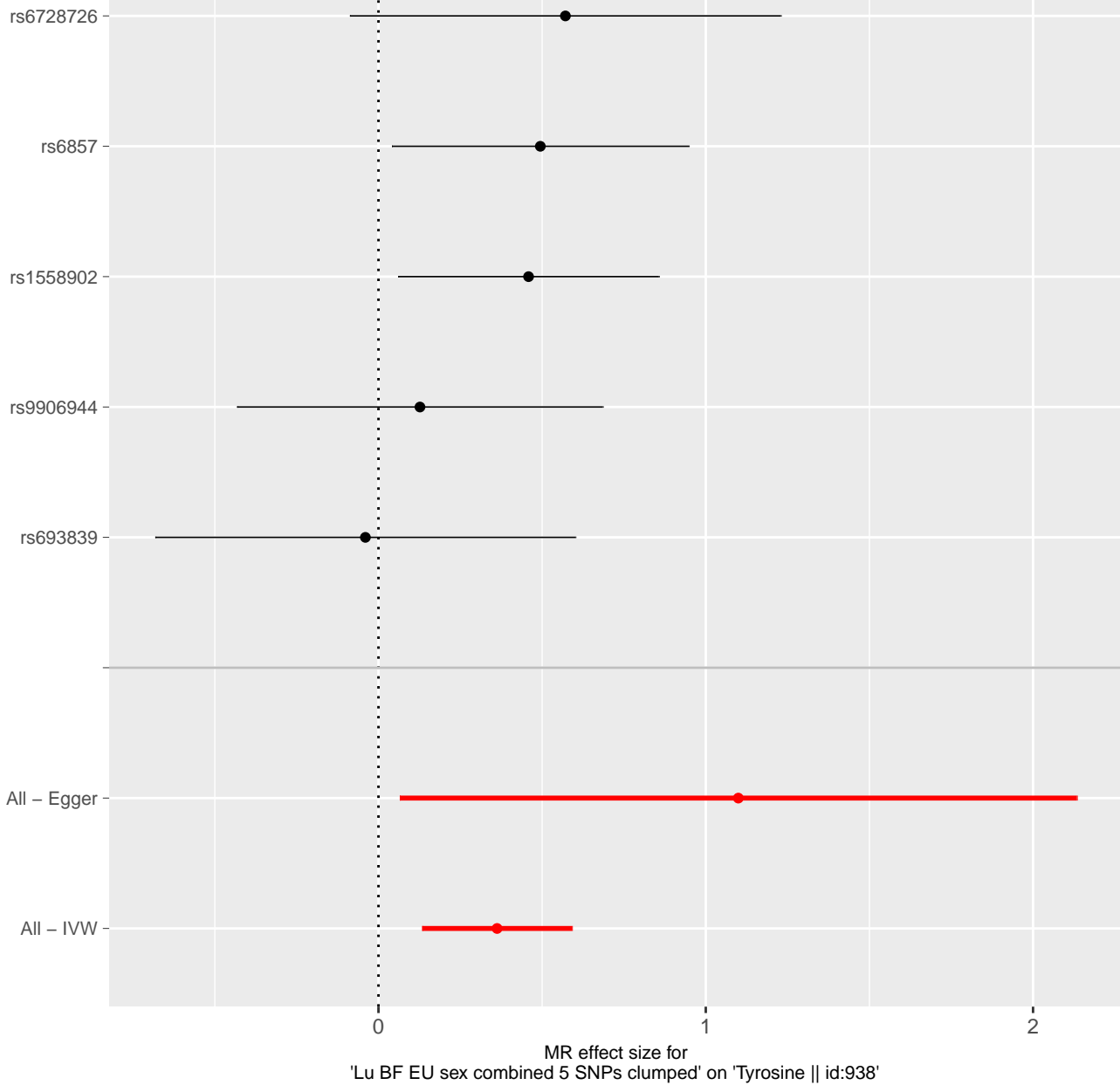
All – IVW

0

1

2

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Tyrosine || id:938'



rs6857

rs9906944

rs6728726

rs693839

All – Egger

All – IVW

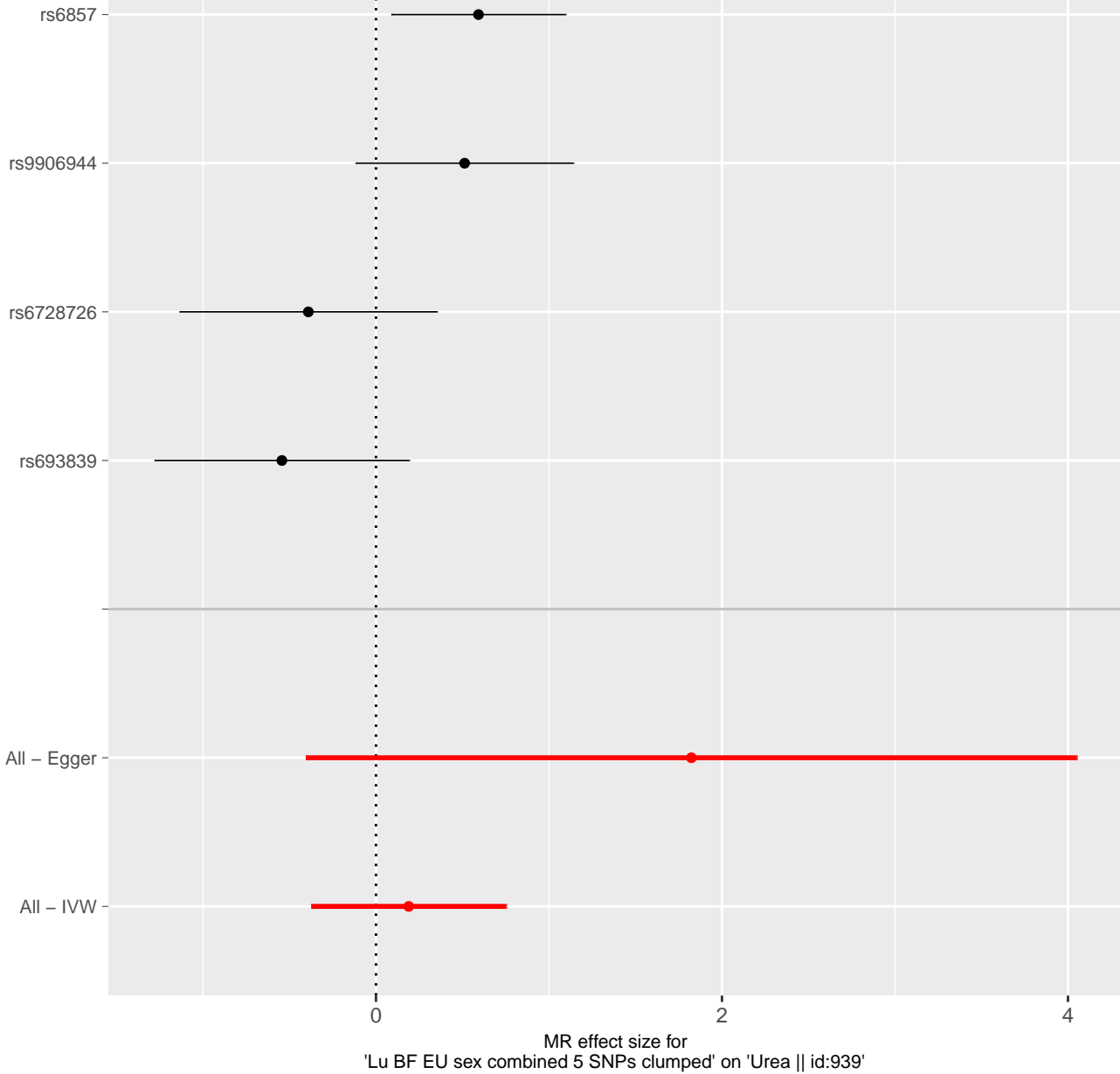
0

2

4

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Urea || id:939'



rs6728726

rs6857

rs1558902

rs9906944

rs693839

All – Egger

All – IVW

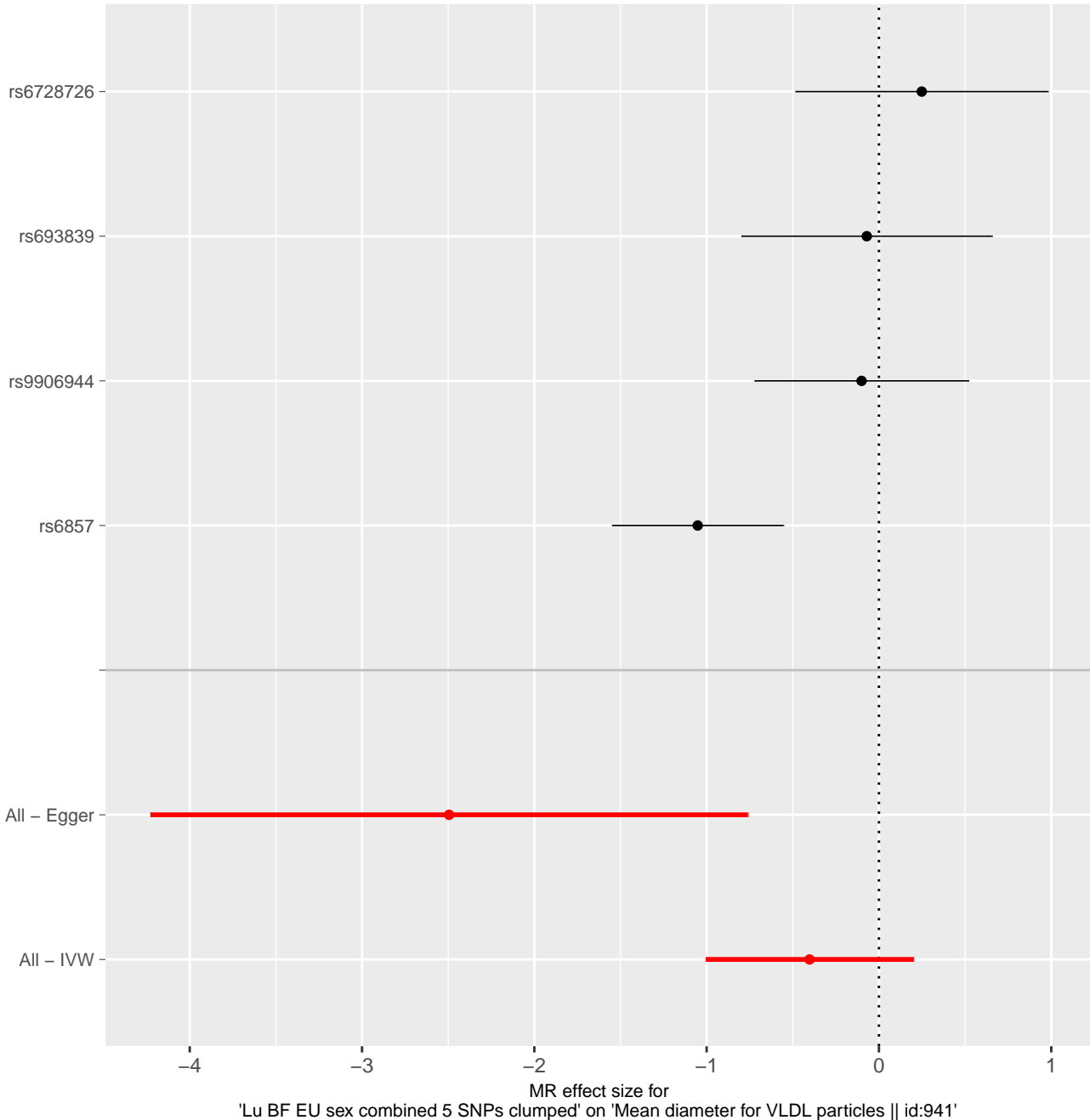
-1

0

1

2

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Valine || id:940'



rs1558902

rs6857

rs6728726

rs693839

rs9906944

All – Egger

All – IVW

-1

0

1

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Total cholesterol in very large HDL || id:942'

rs6728726

rs6857

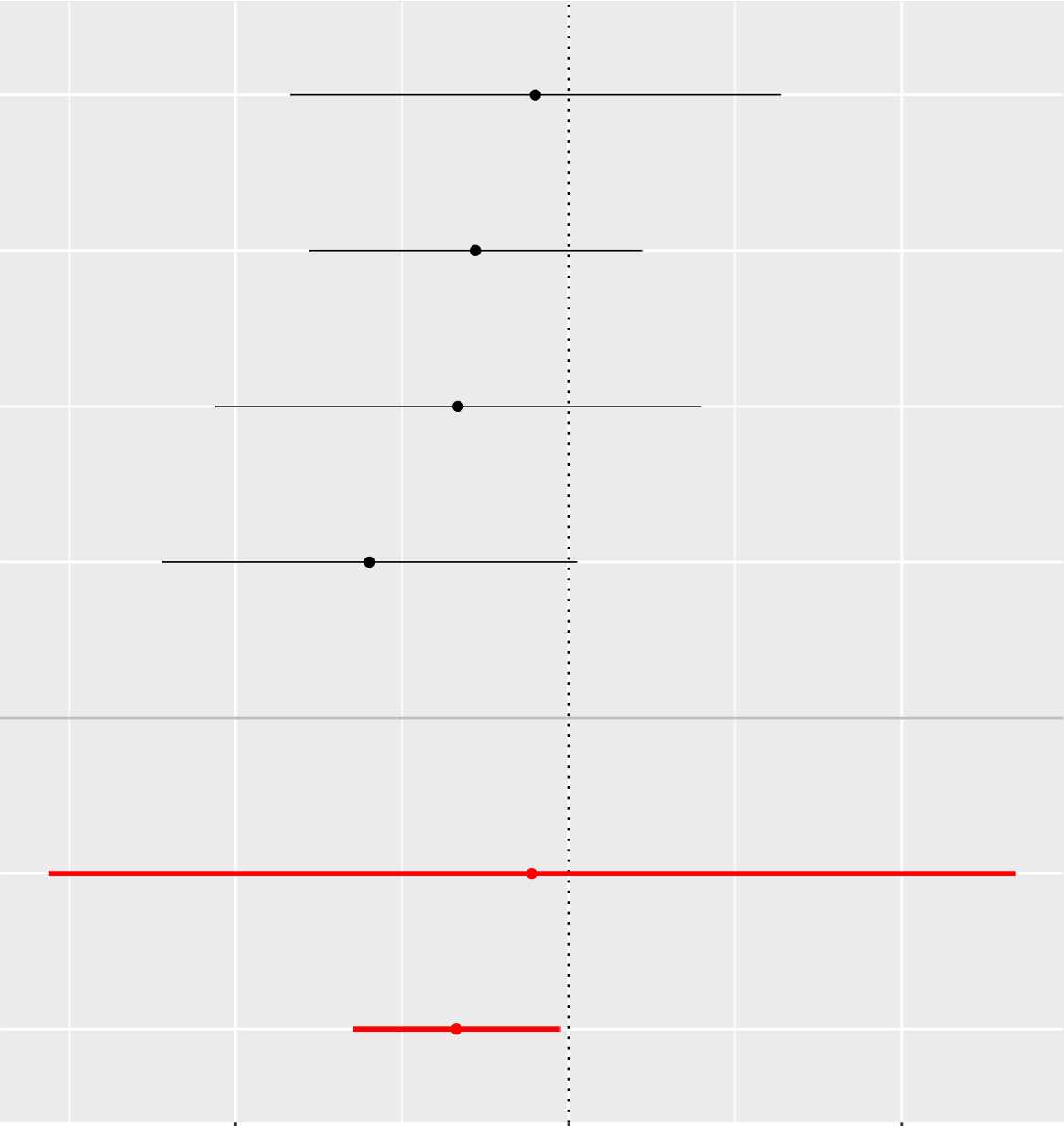
rs693839

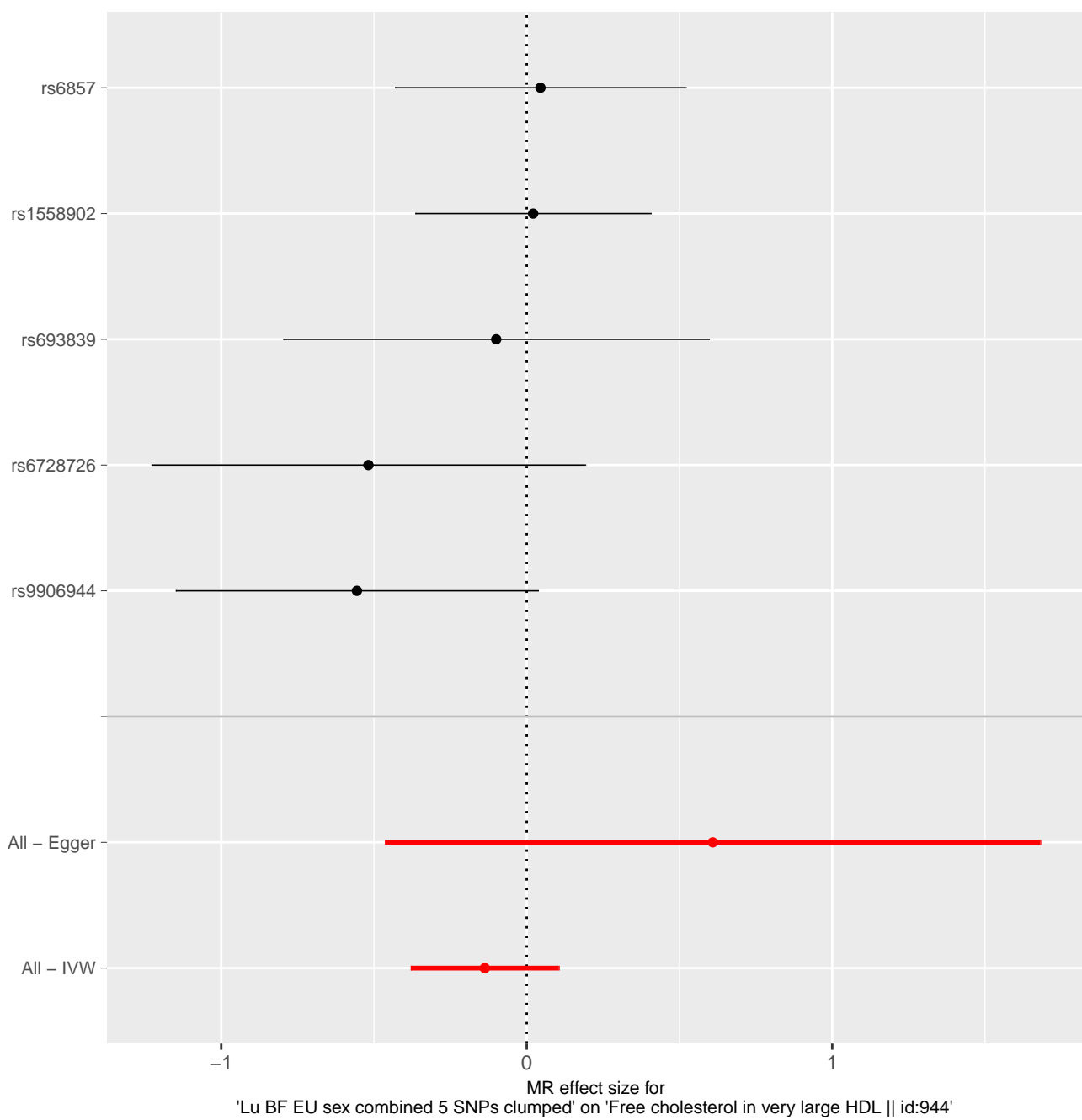
rs9906944

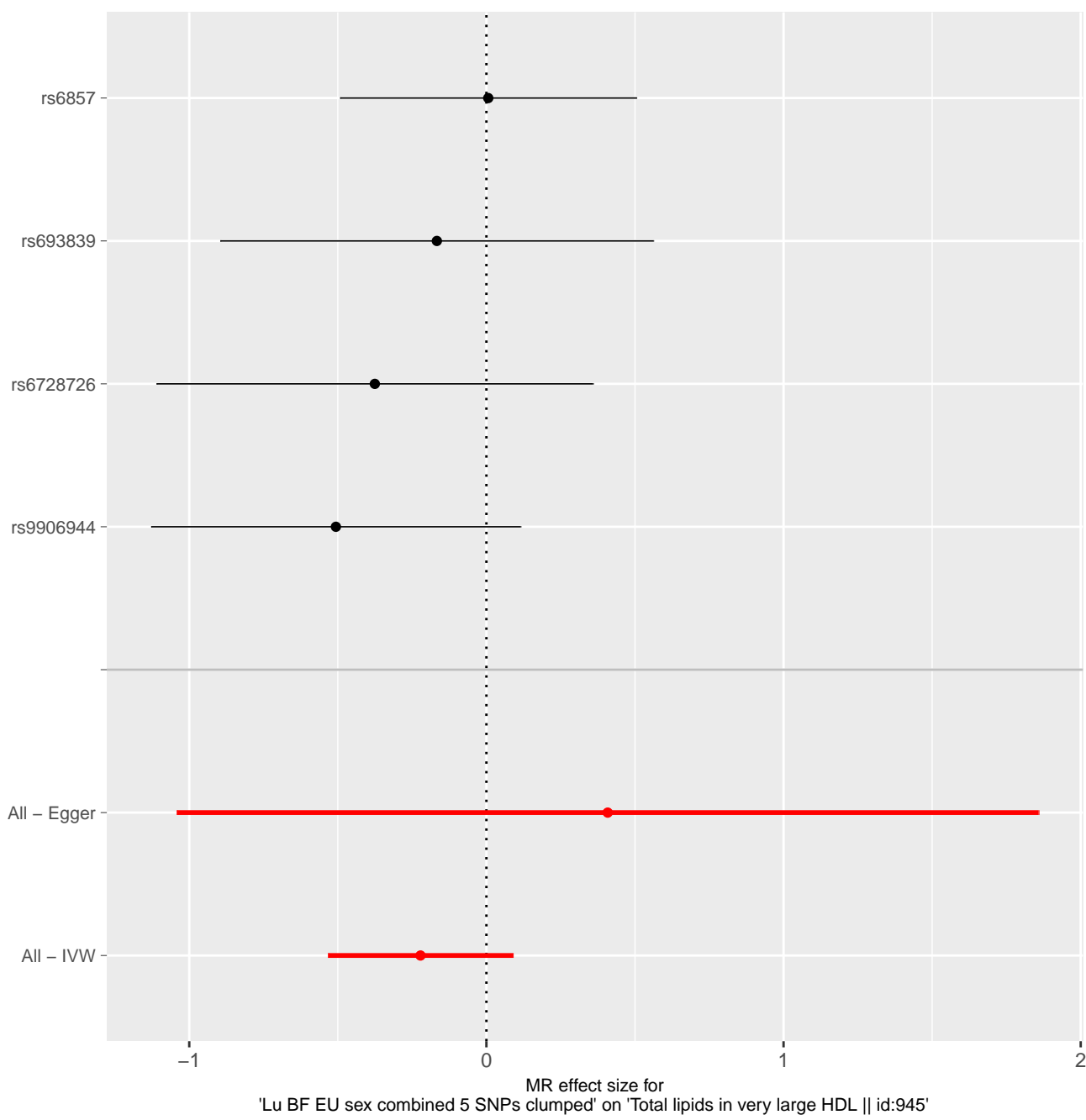
All – Egger

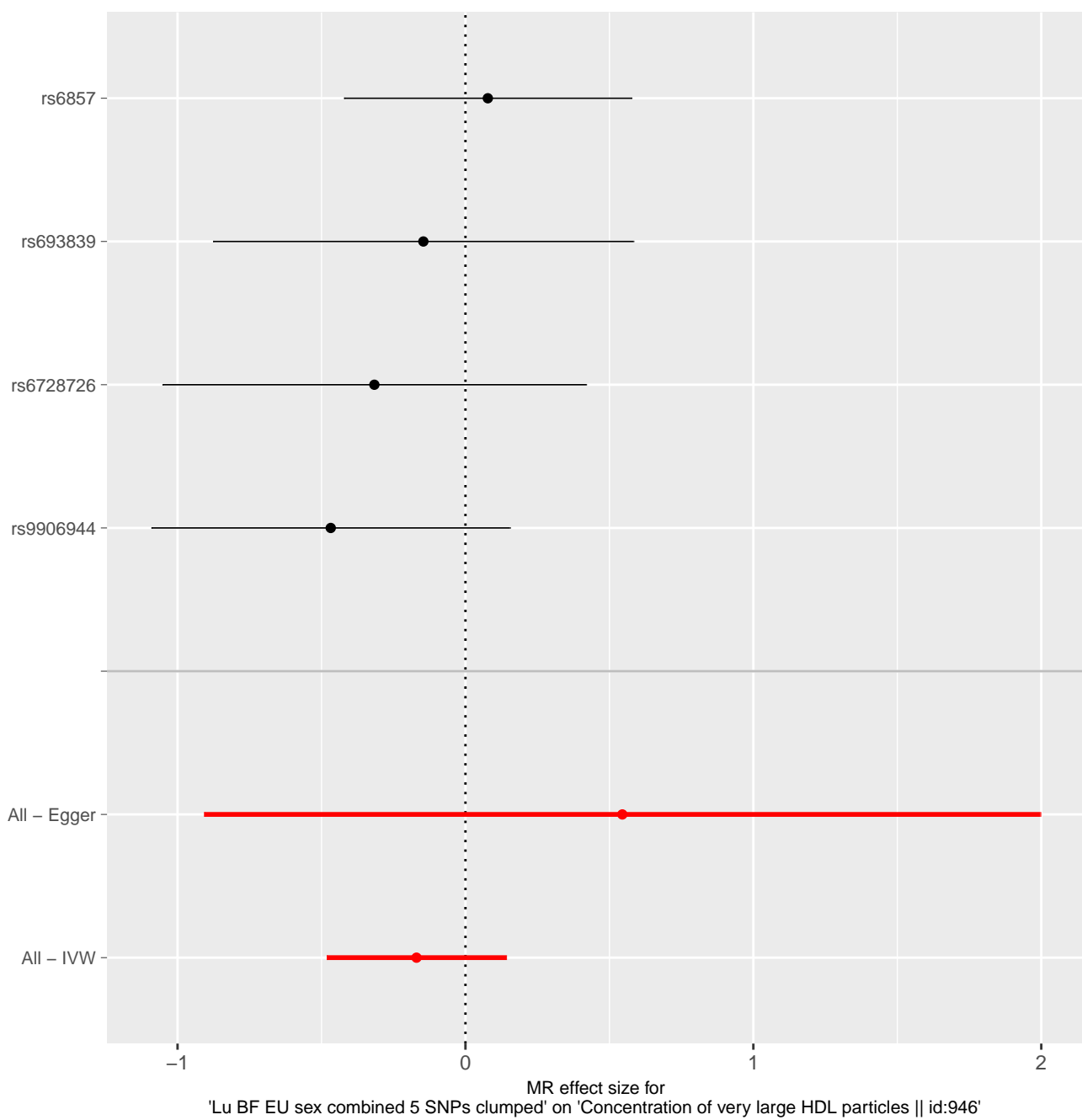
All – IVW

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Cholesterol esters in very large HDL || id:943'









All – Egger

All – IVW

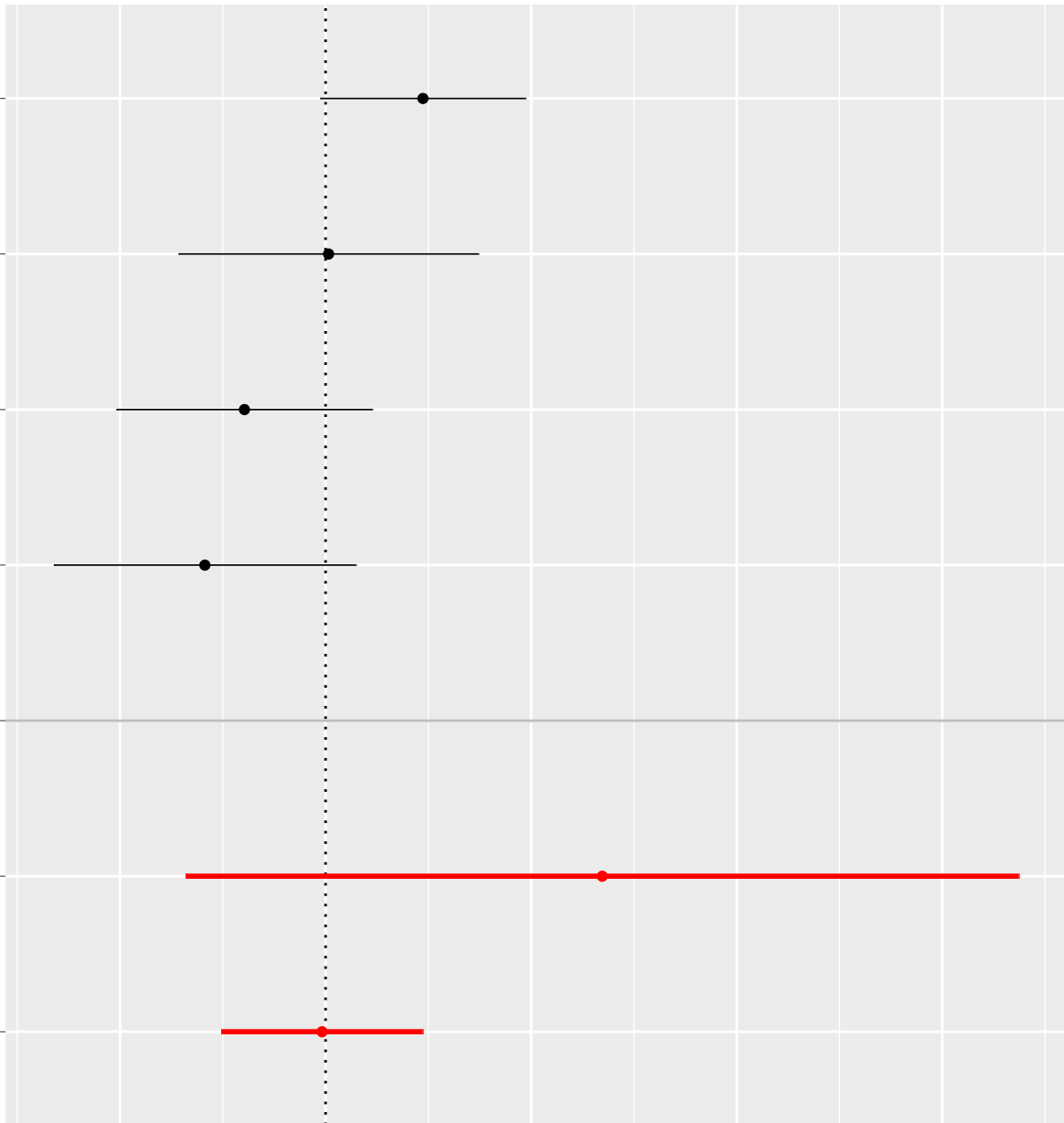
rs6857

rs693839

rs9906944

rs6728726

MR effect size for
'Lu BF EU sex combined 5 SNPs clumped' on 'Phospholipids in very large HDL || id:947'



rs6728726

rs1558902

rs693839

rs9906944

rs6857

All – Egger

All – IVW

-3

-2

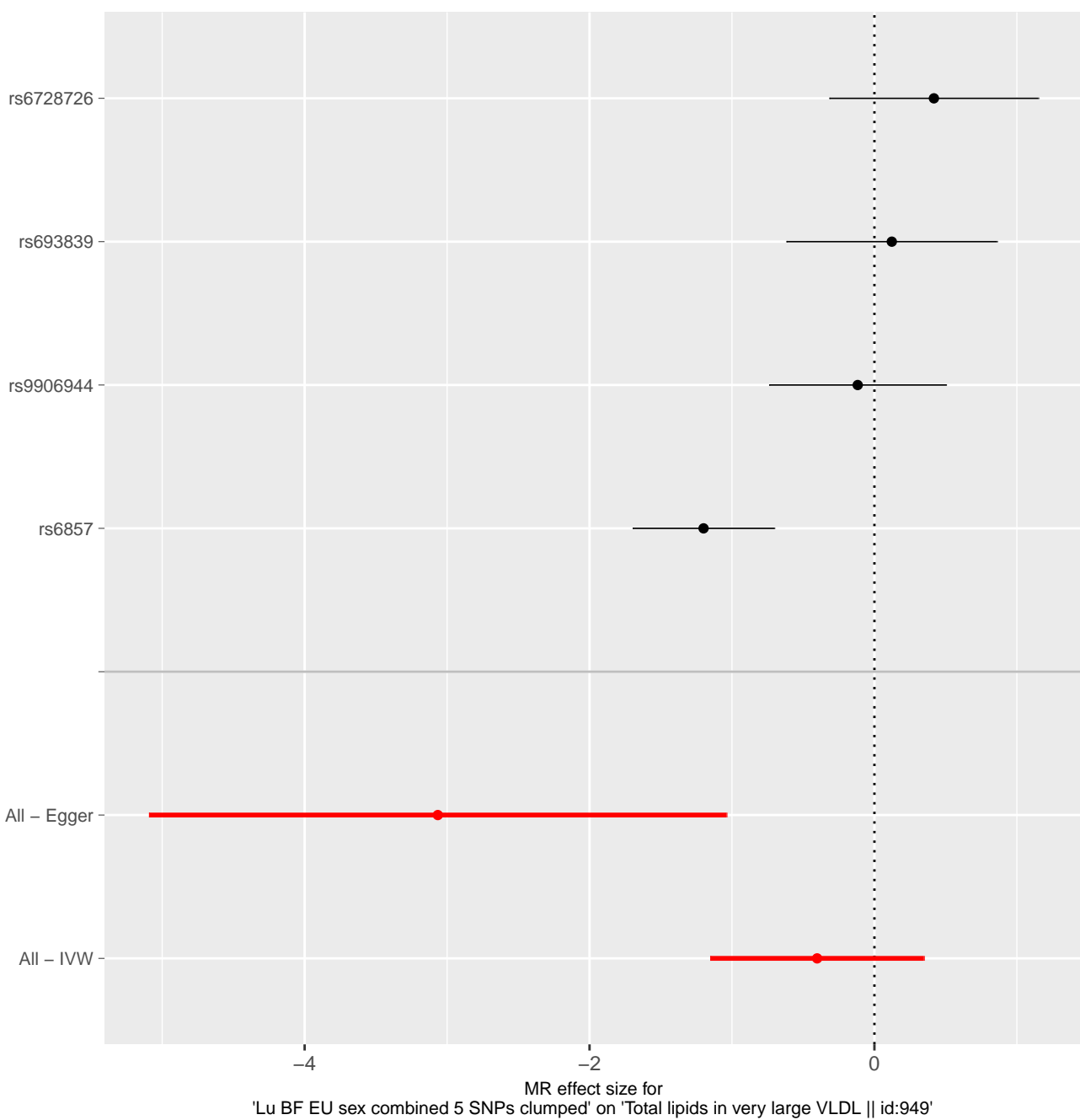
-1

0

1

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Triglycerides in very large HDL || id:948'



rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-6

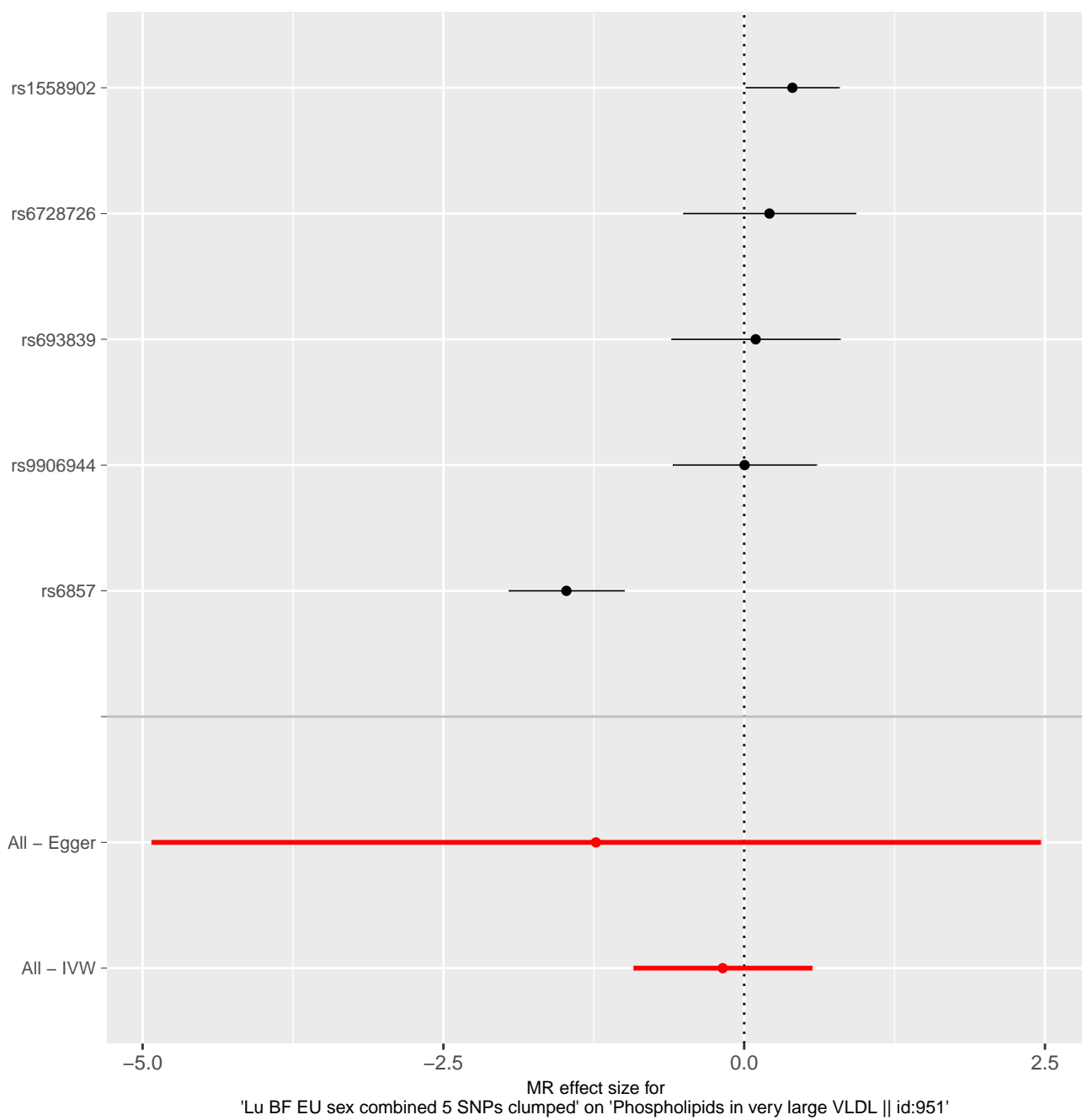
-4

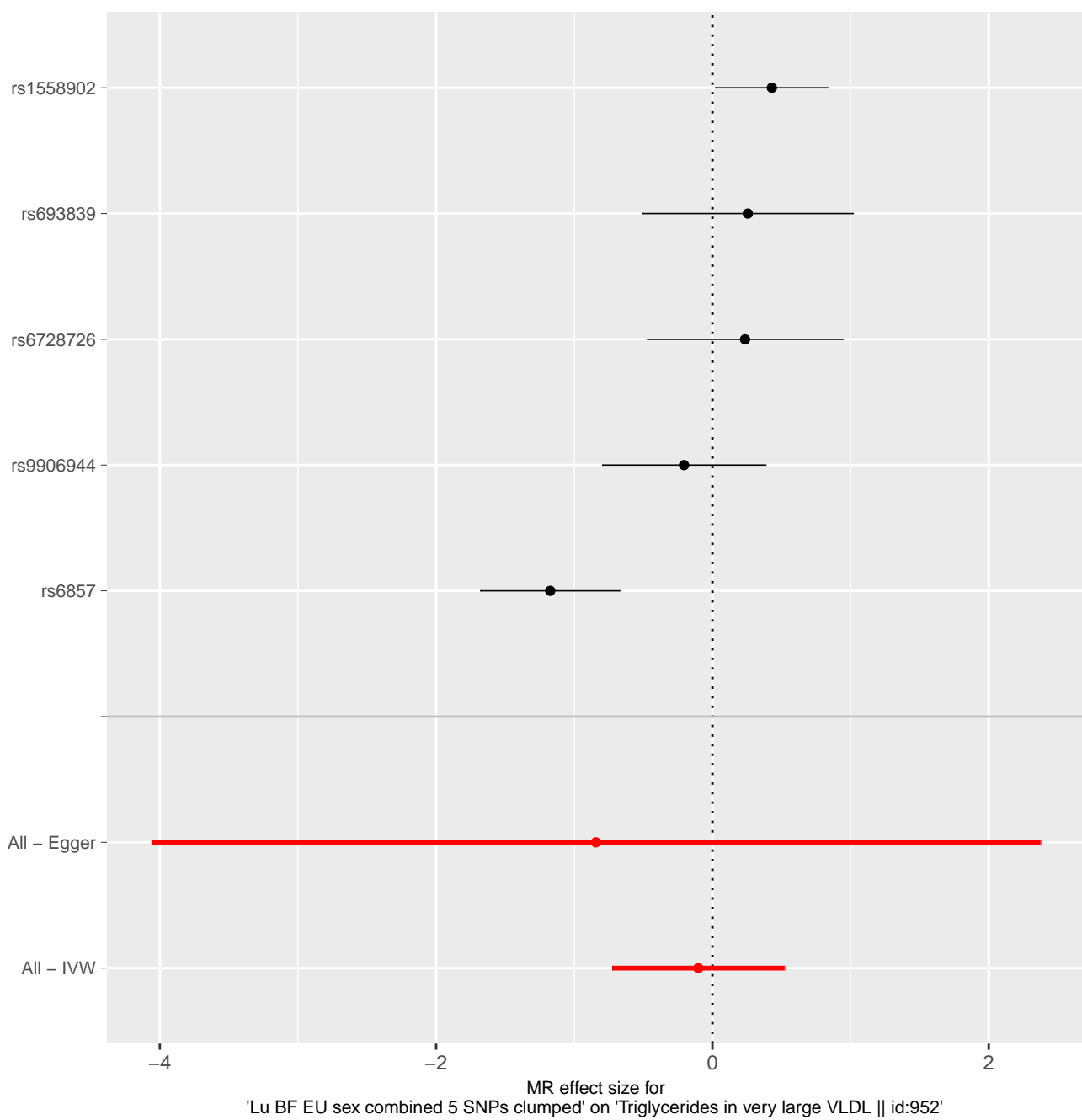
-2

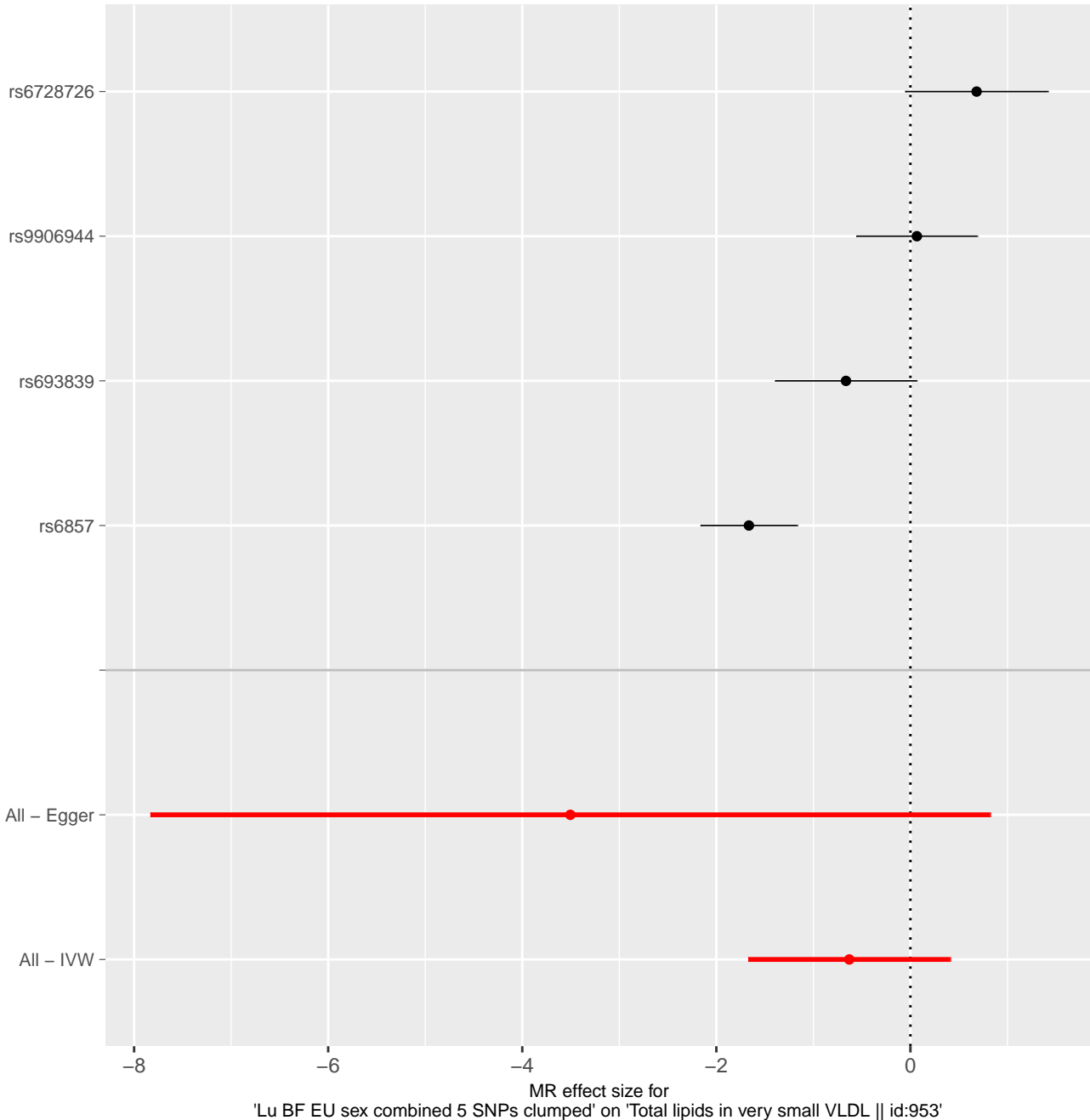
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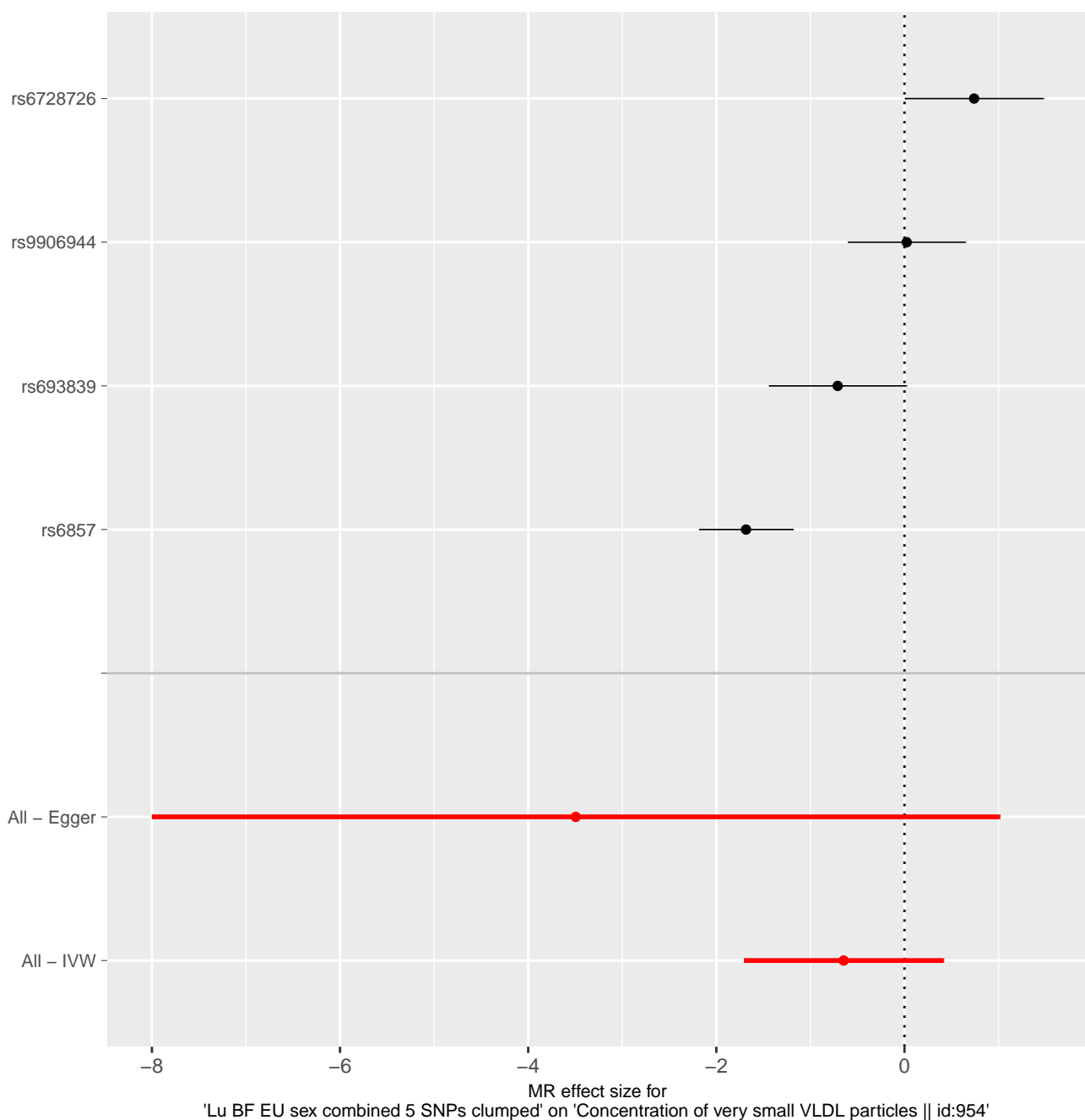
MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Concentration of very large VLDL particles || id:950'









rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

-8

-6

-4

-2

0

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Phospholipids in very small VLDL || id:955'

rs6728726

rs9906944

rs693839

rs6857

All – Egger

All – IVW

–9

–6

–3

0

MR effect size for

'Lu BF EU sex combined 5 SNPs clumped' on 'Triglycerides in very small VLDL || id:956'

