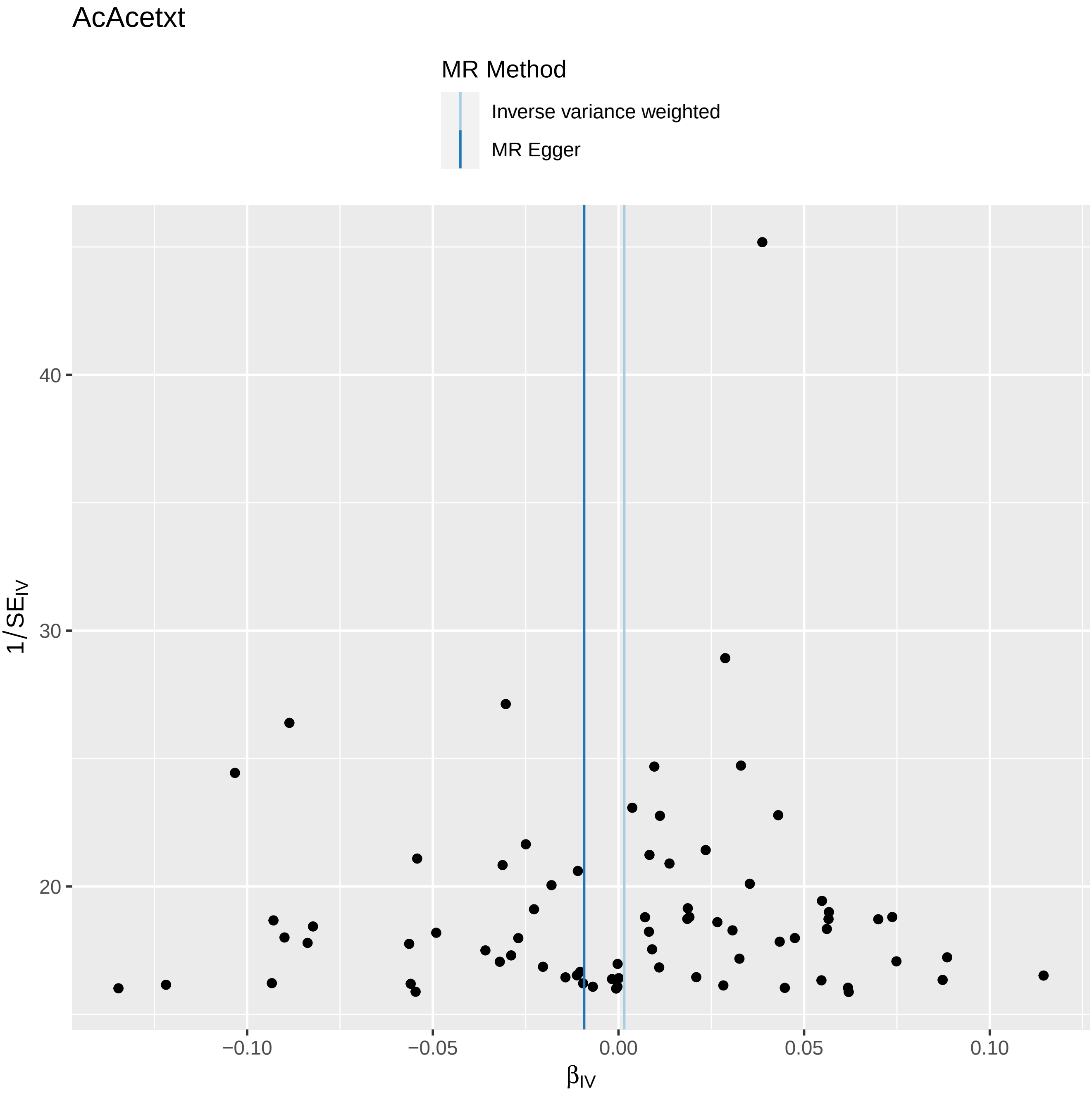
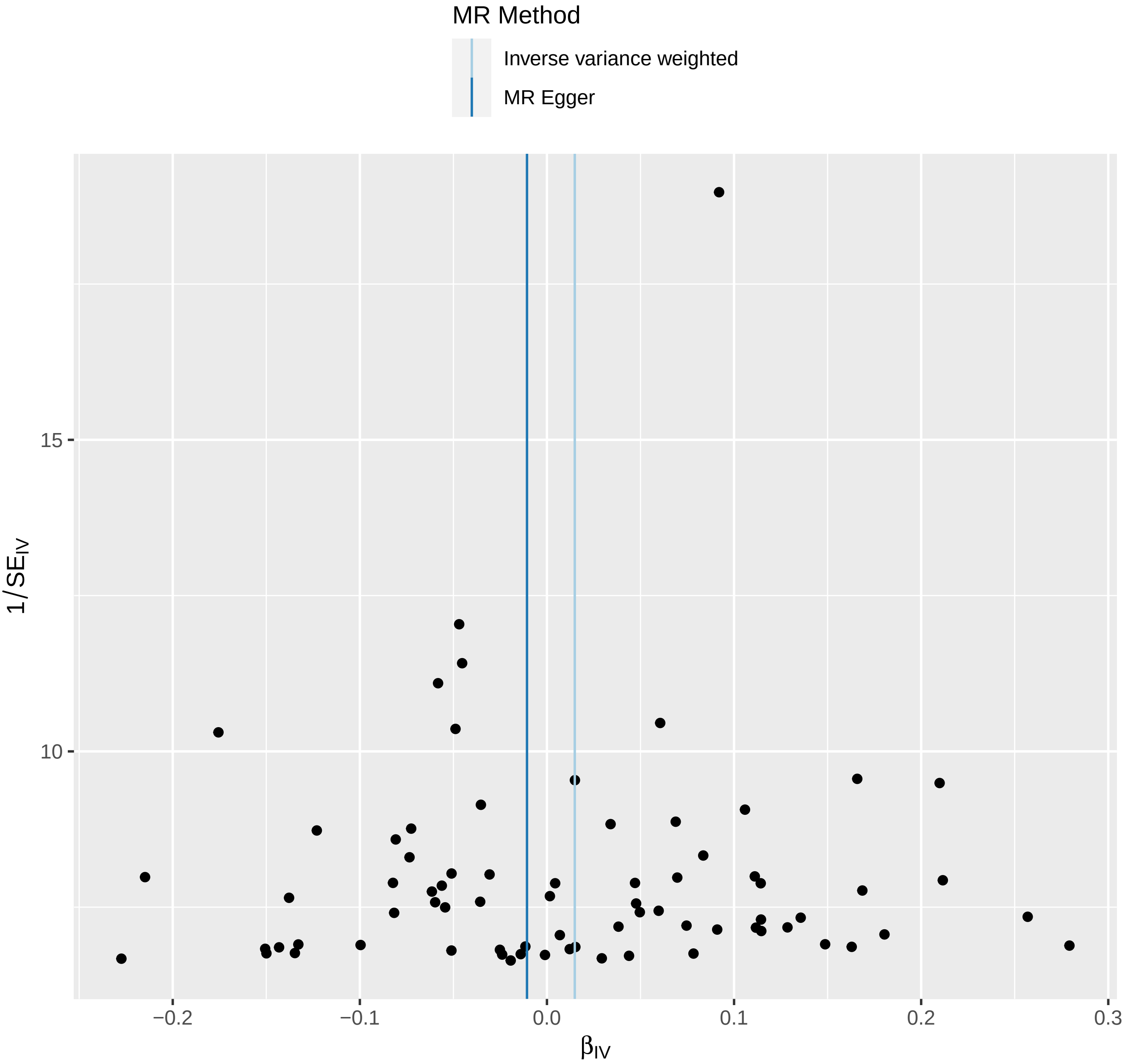
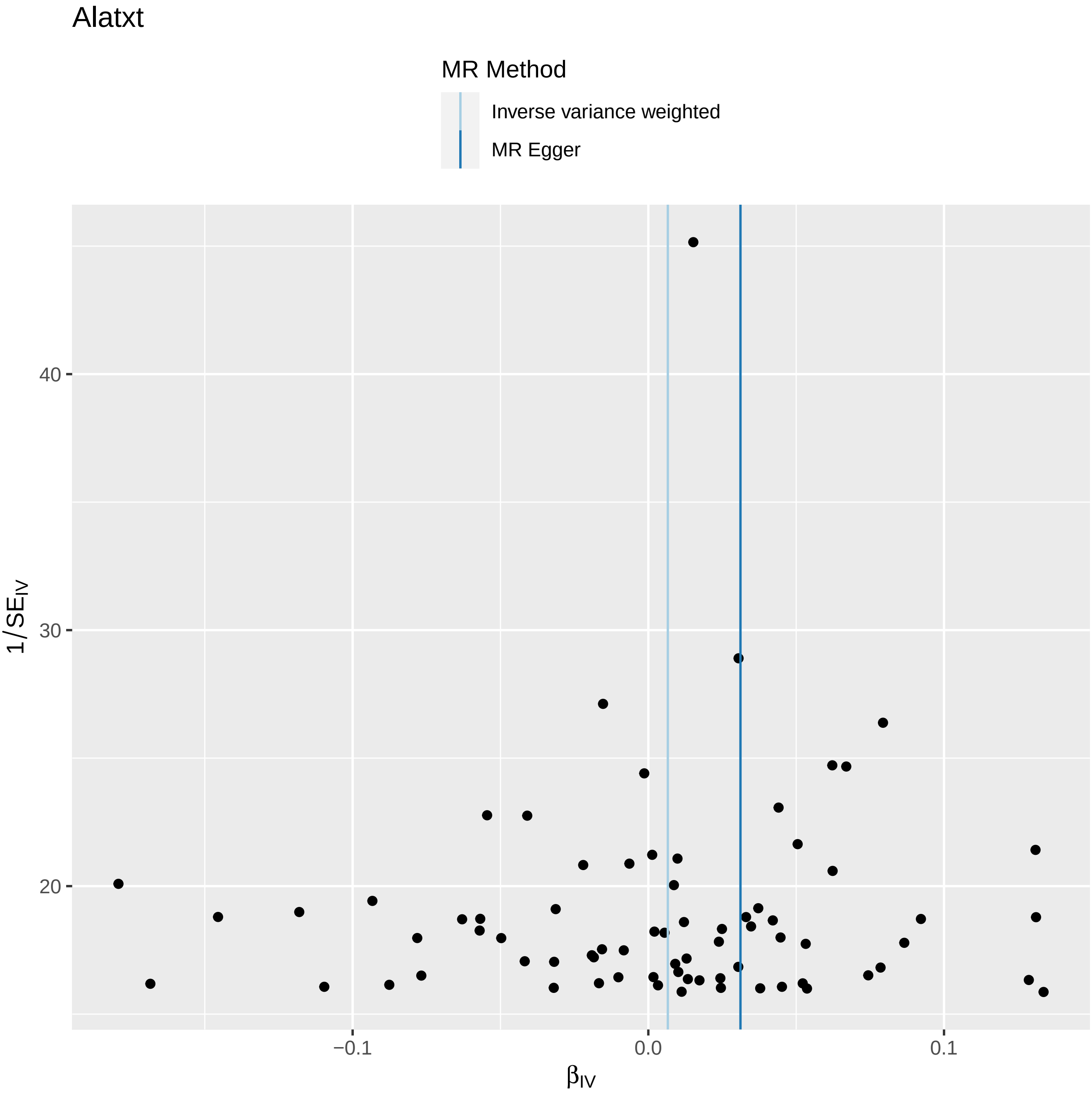

AcAcetxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.10
−0.05
0.00
0.05
0.10
β_IV

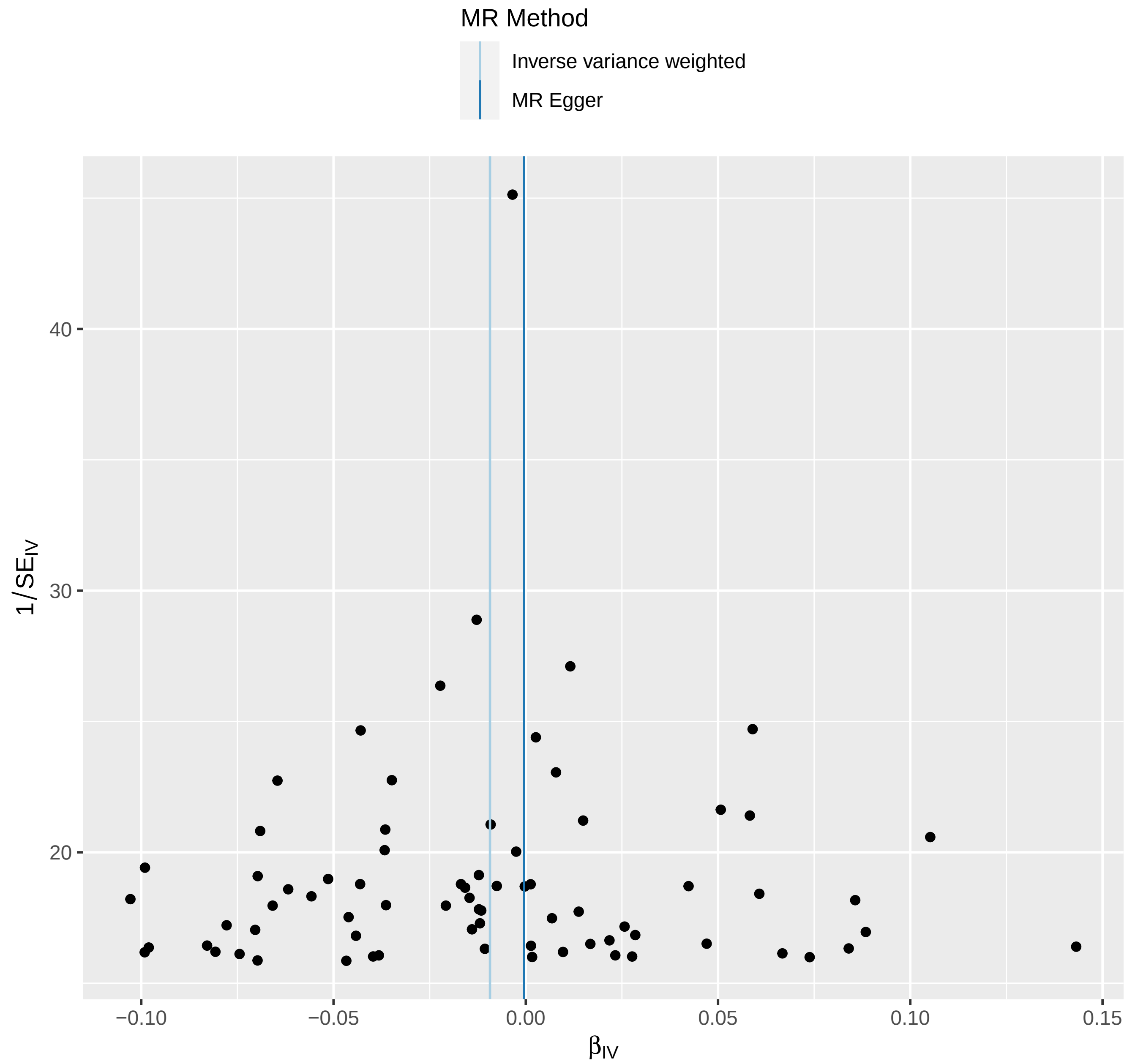


Acetxt

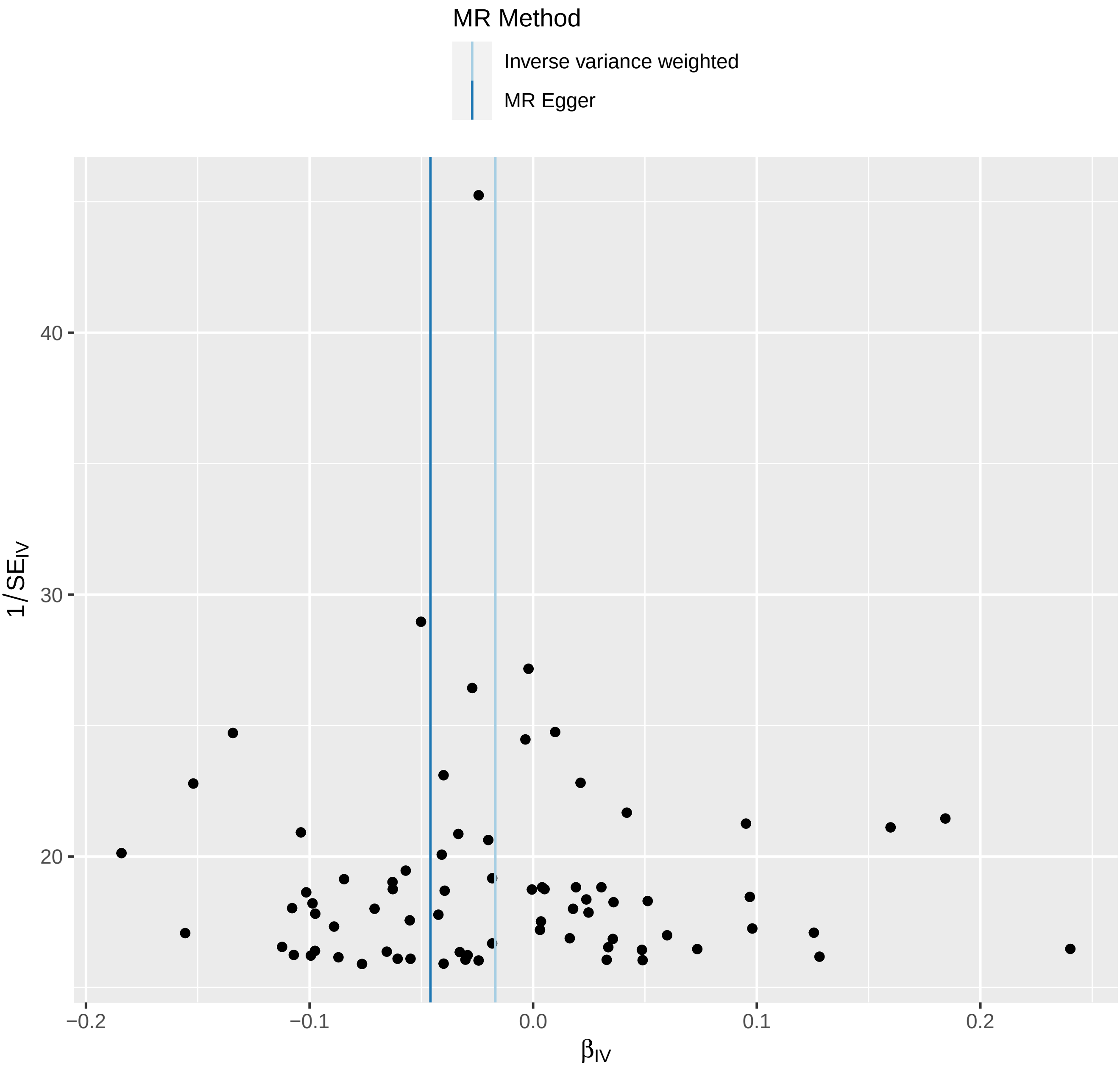
MR Method
Inverse variance weighted
MR Egger
$1/SE_{IV}$
15
10
$\beta_{IV}$
−0.2
−0.1
0.0
0.1
0.2
0.3


Alatxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
30
20
−0.1
0.0
0.1
β_IV

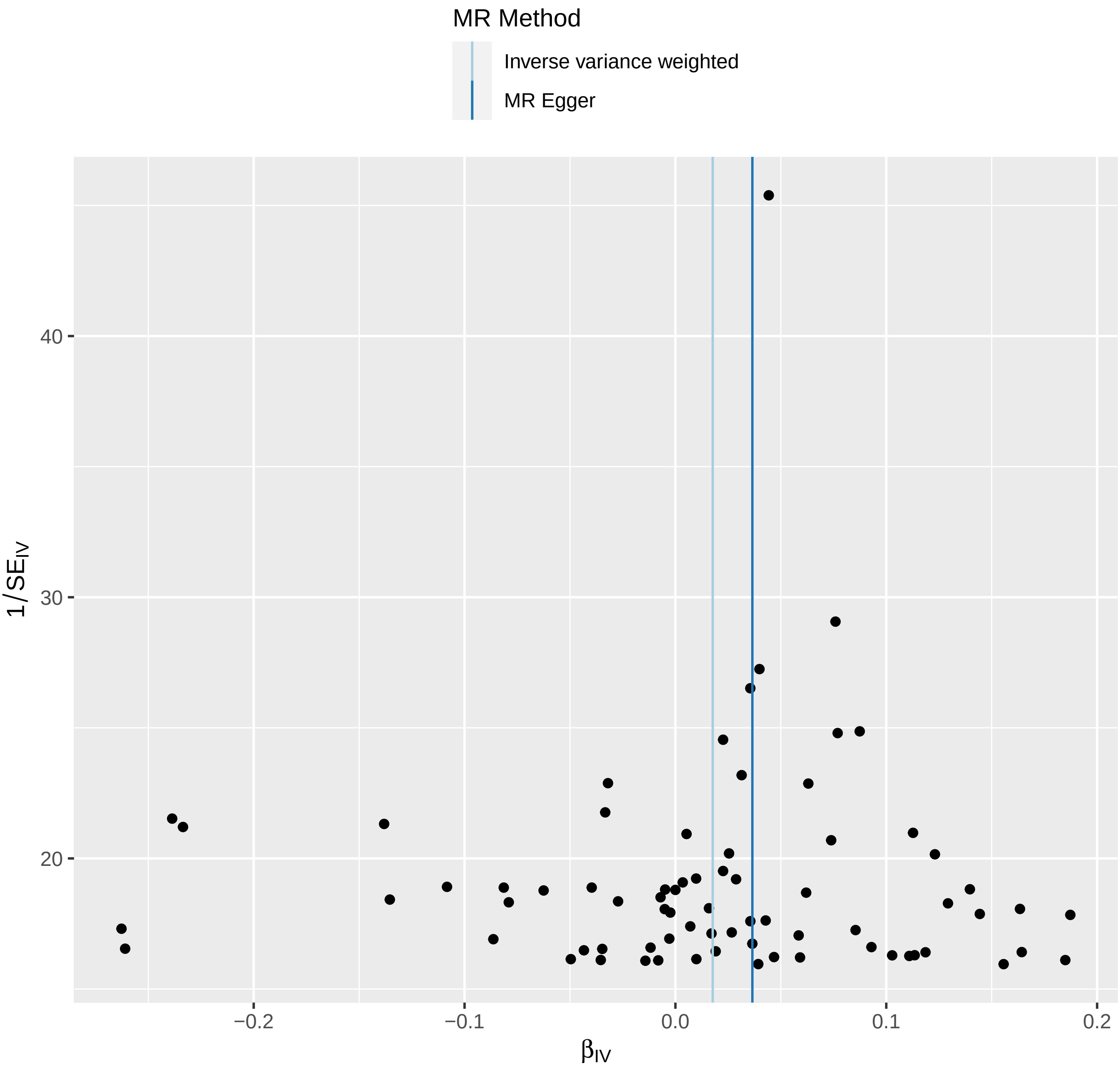
## Albtxt

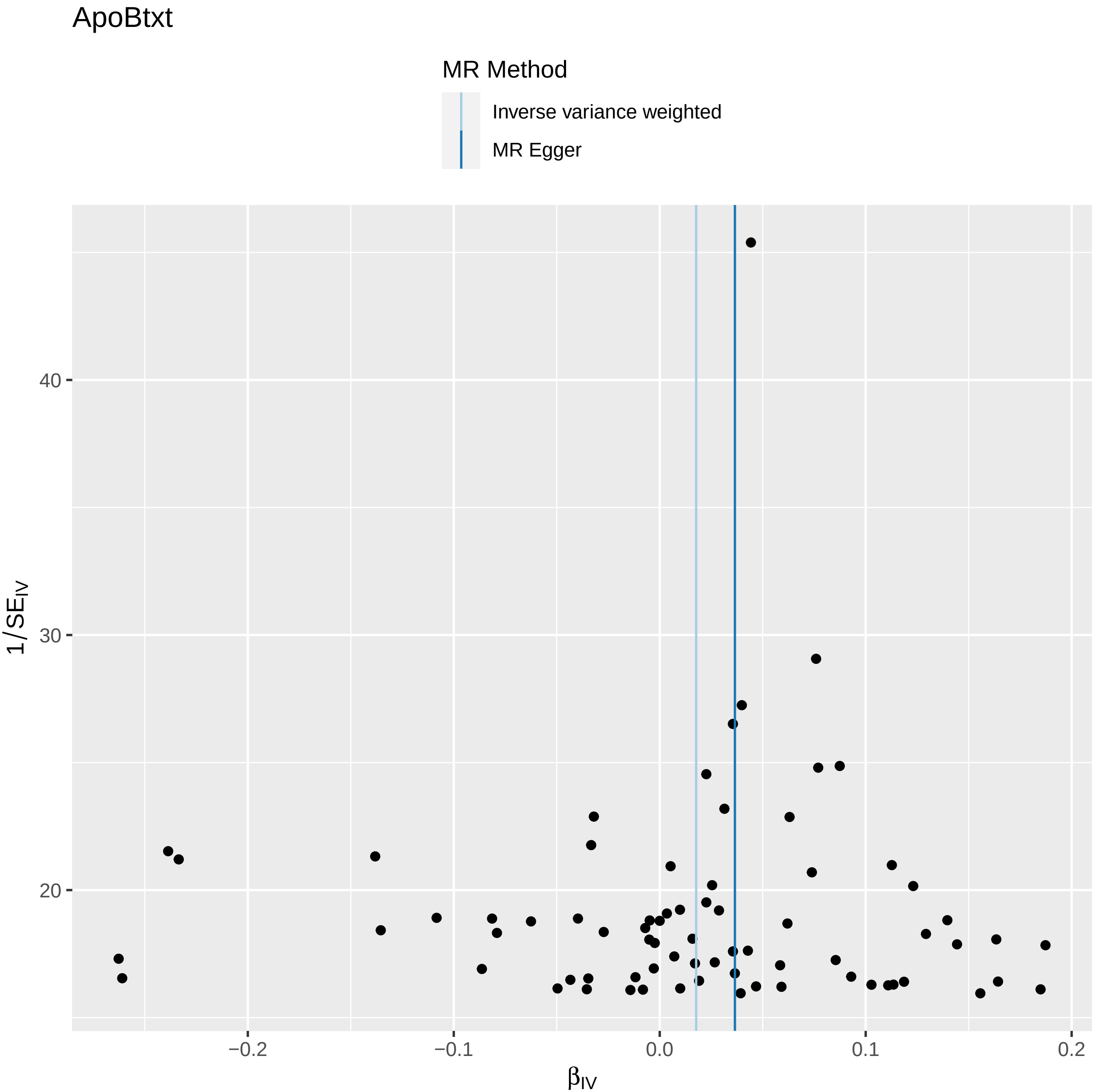

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.10
−0.05
0.00
0.05
0.10
0.15
β$_{IV}$

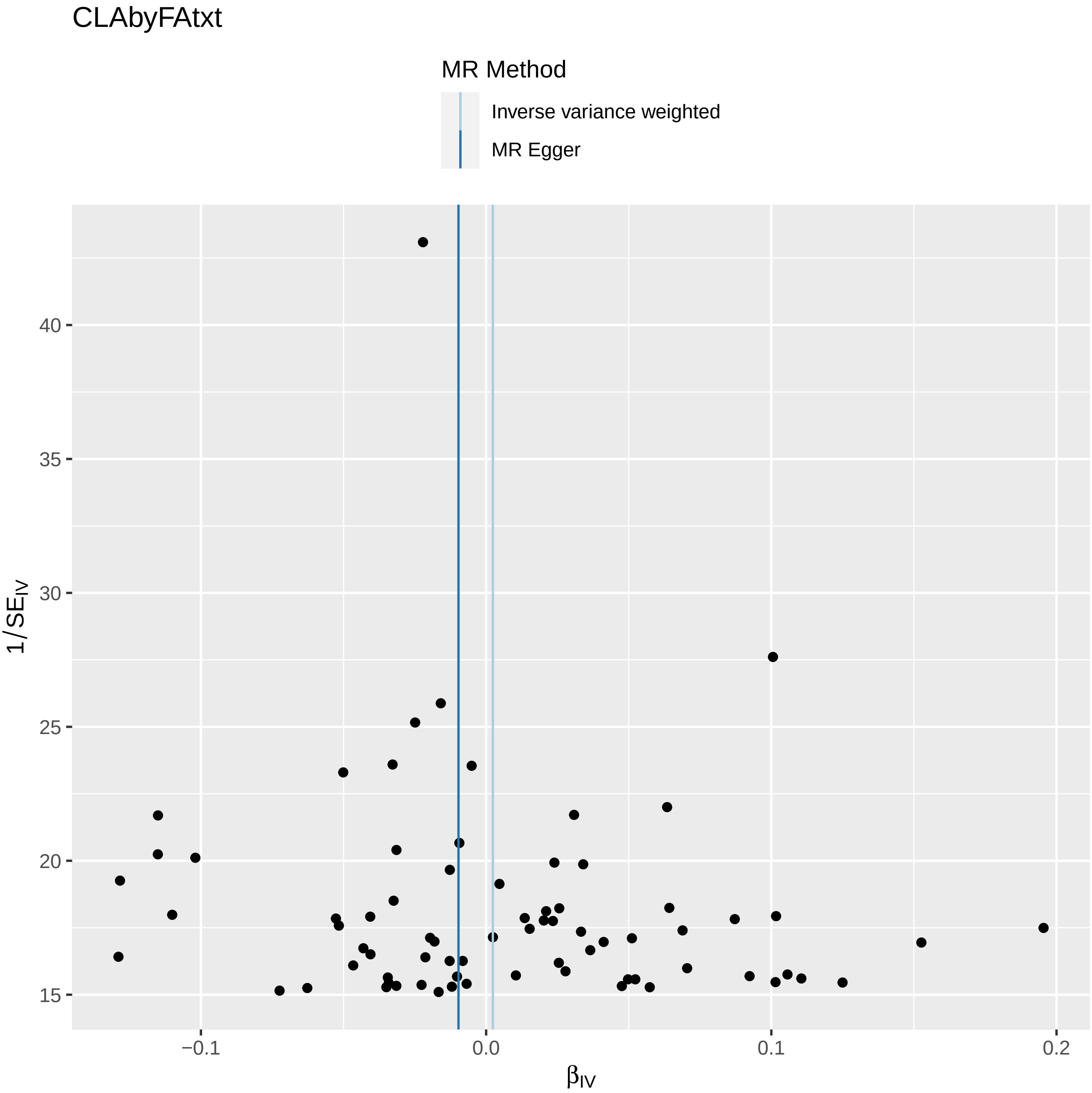
## ApoA1txt

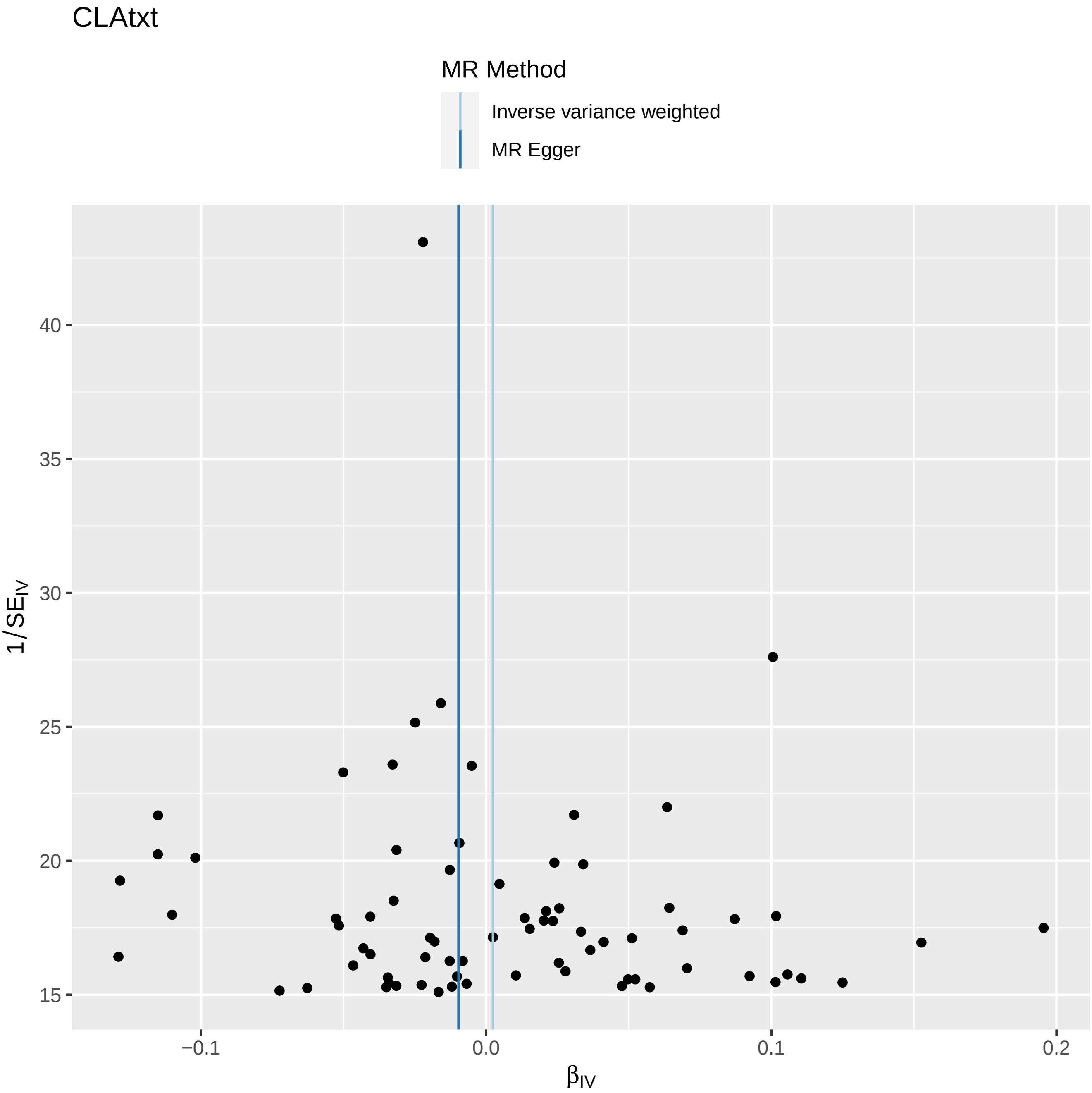

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
0.2
β$_{IV}$

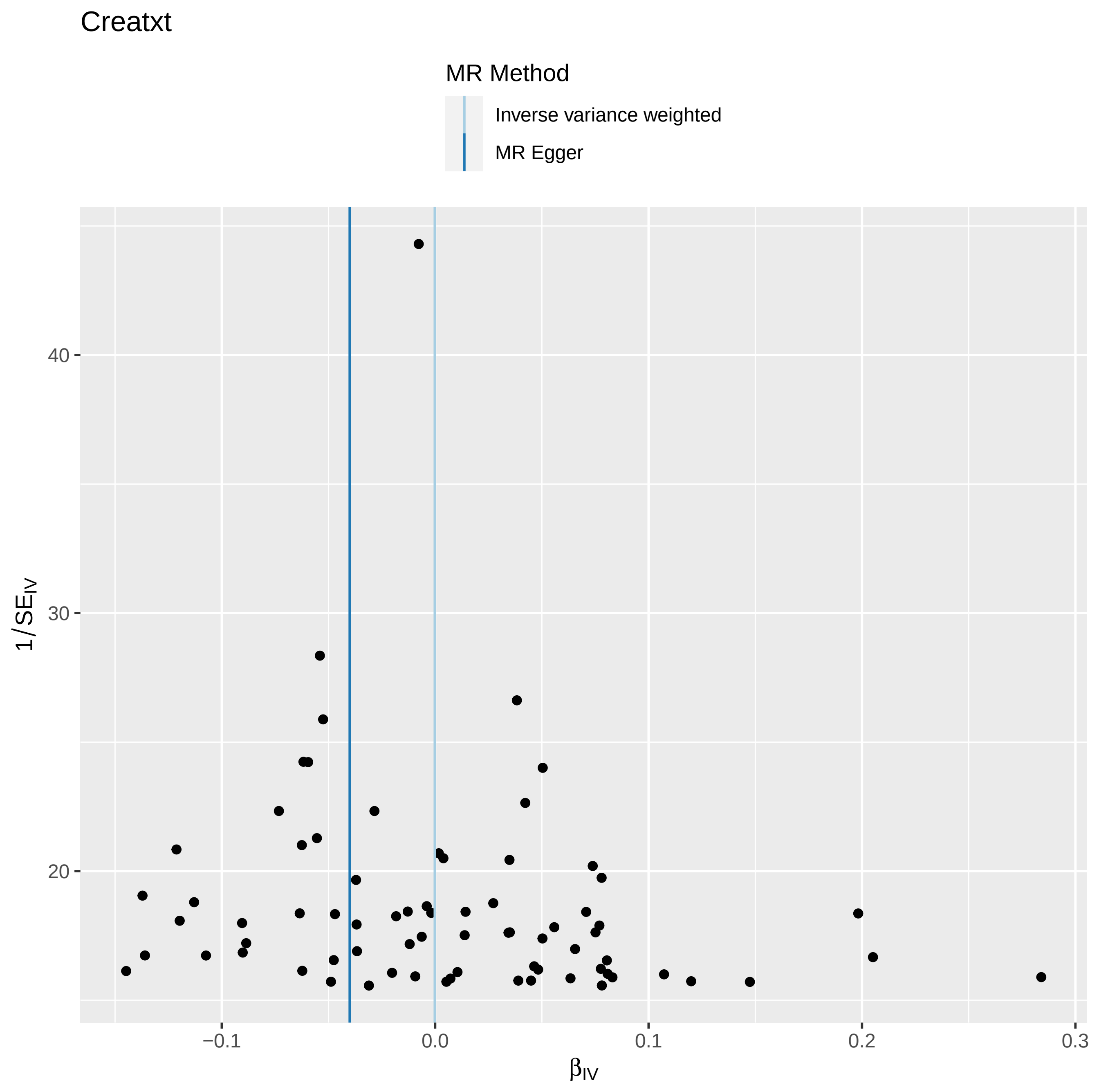
ApoBbyApoA1txt

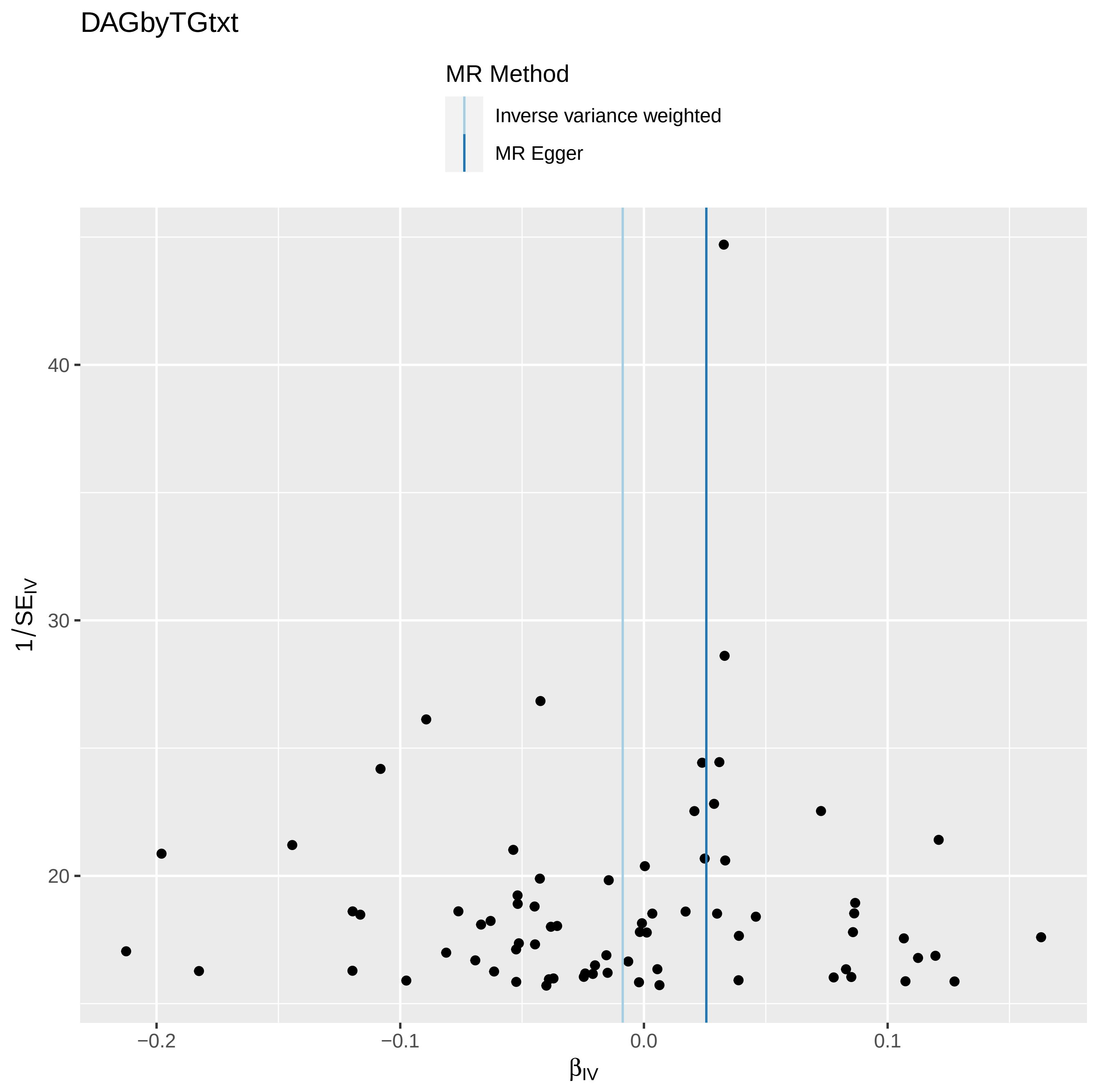


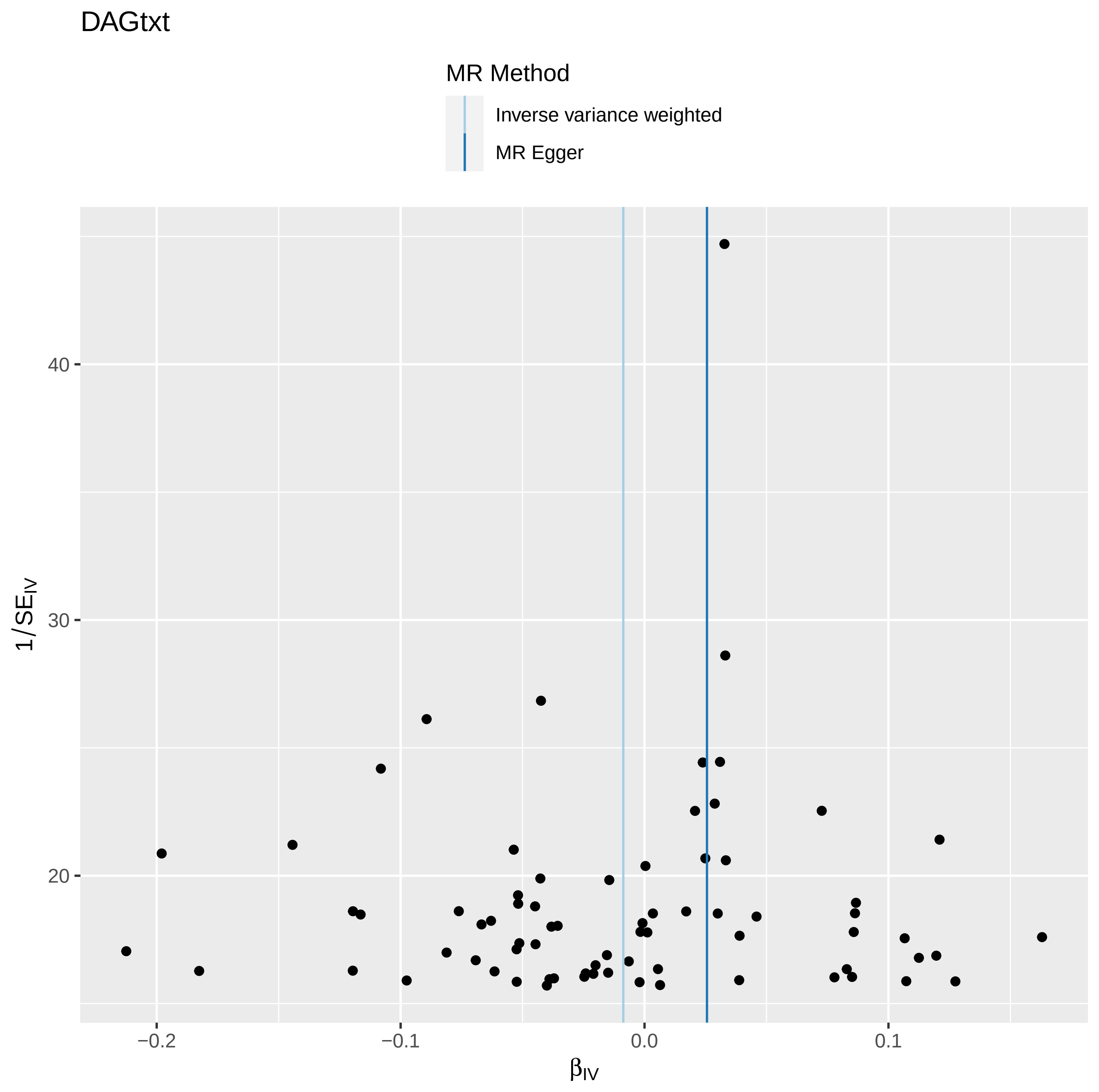

ApoBtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
0.2
β$_{IV}$


CLAbyFAtxt
MR Method
Inverse variance weighted
MR Egger
40
35
30
25
20
15
$1/SE_{IV}$
−0.1
0.0
0.1
0.2
$\beta_{IV}$

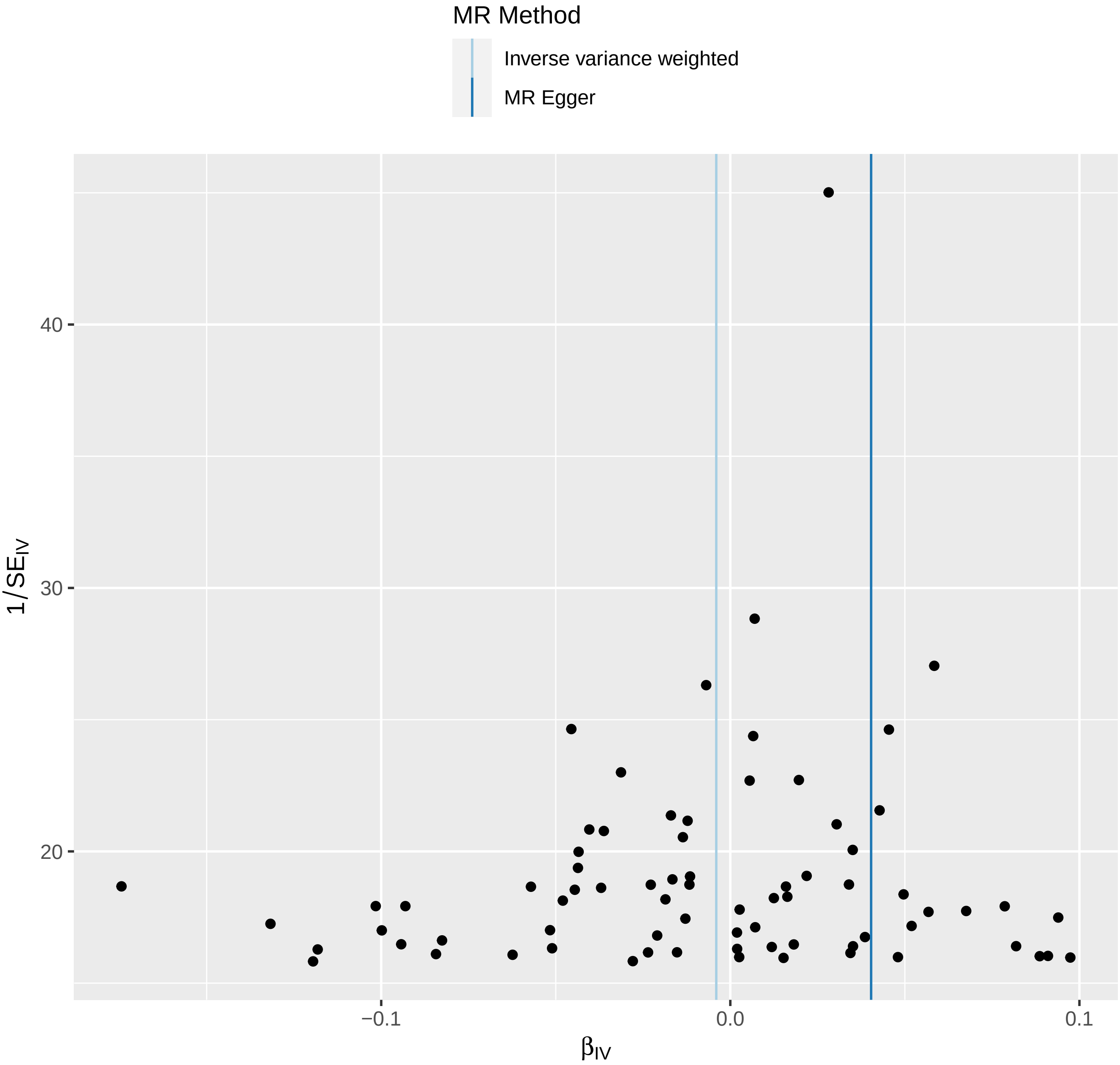

CLAtxt
MR Method
Inverse variance weighted
MR Egger
40
35
30
25
20
15
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV

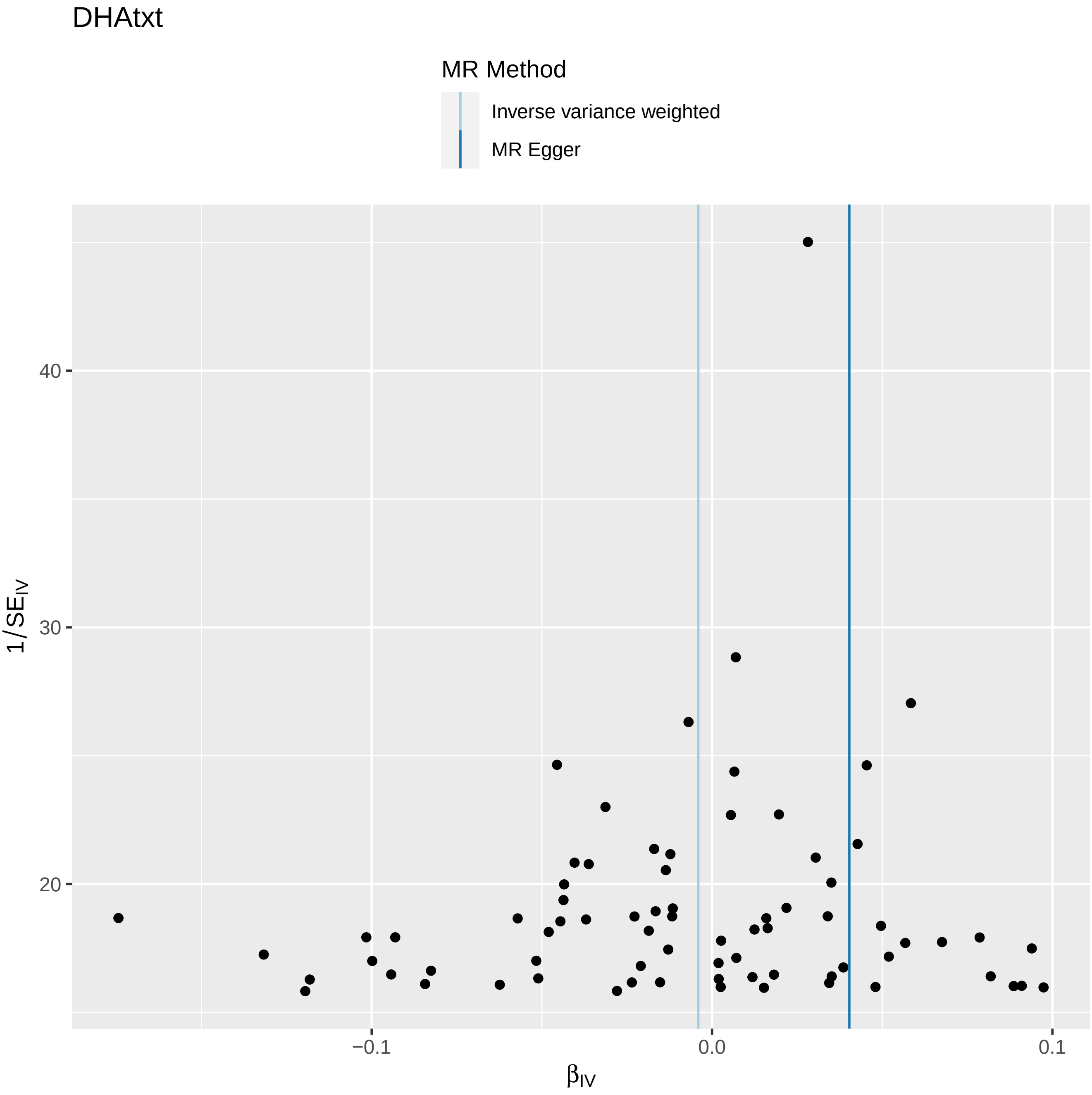

Creatxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.1
0.0
0.1
0.2
0.3
$\beta_{IV}$

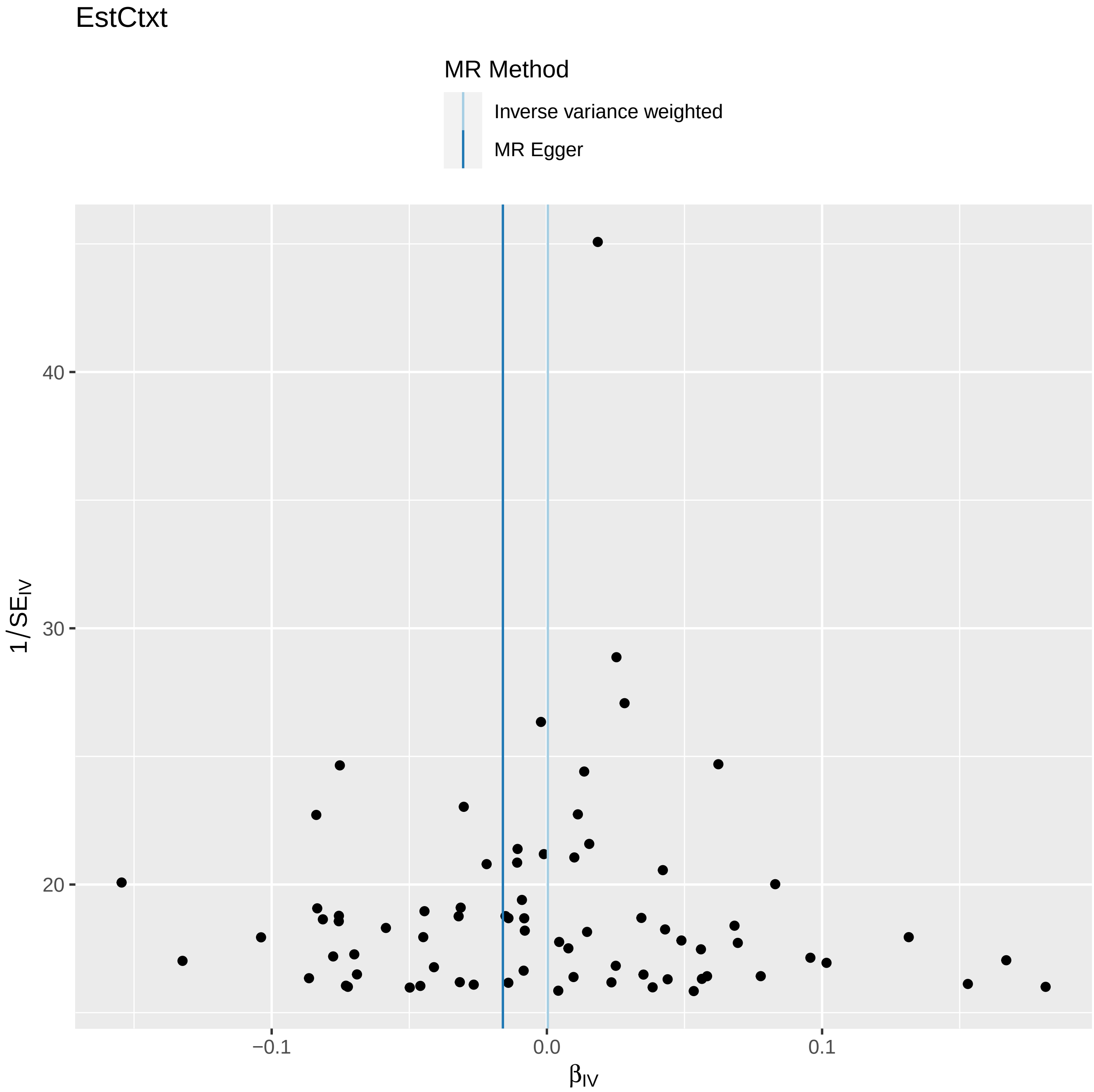

DAGbyTGtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
β$_{IV}$

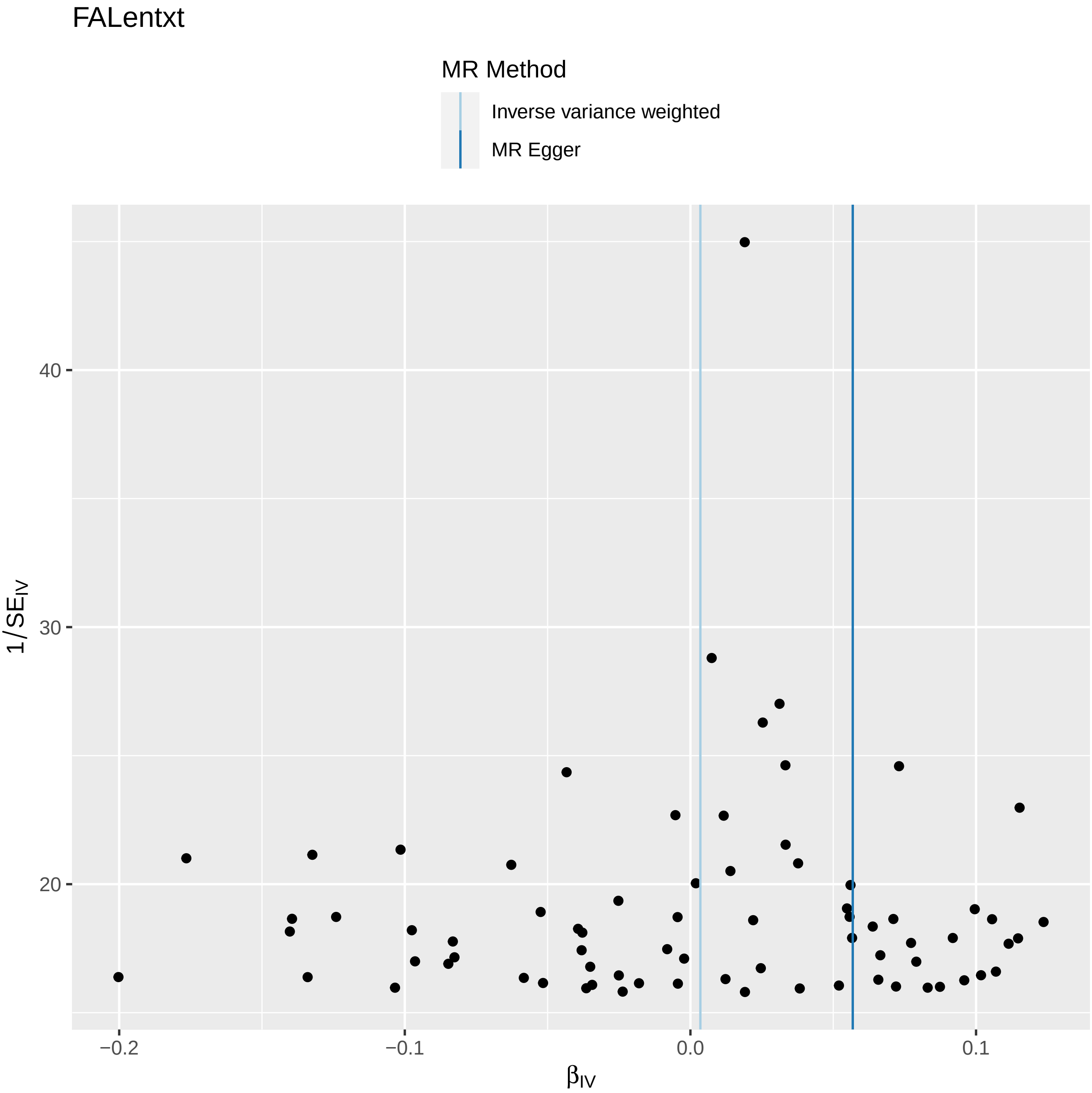

DAGtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
β$_{IV}$

# DHAbyFAtxt

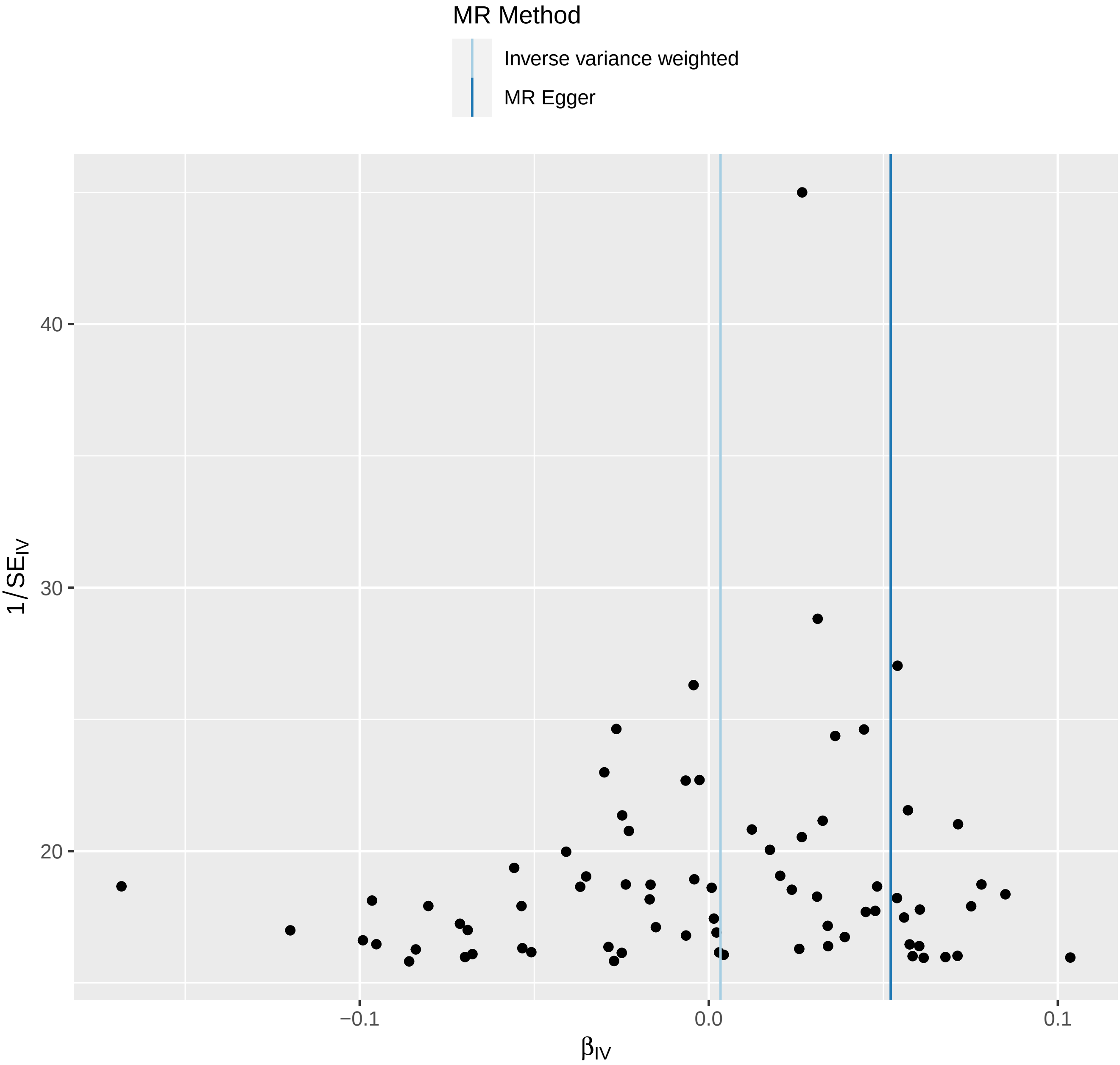

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
β$_{IV}$


DHAtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
β$_{IV}$

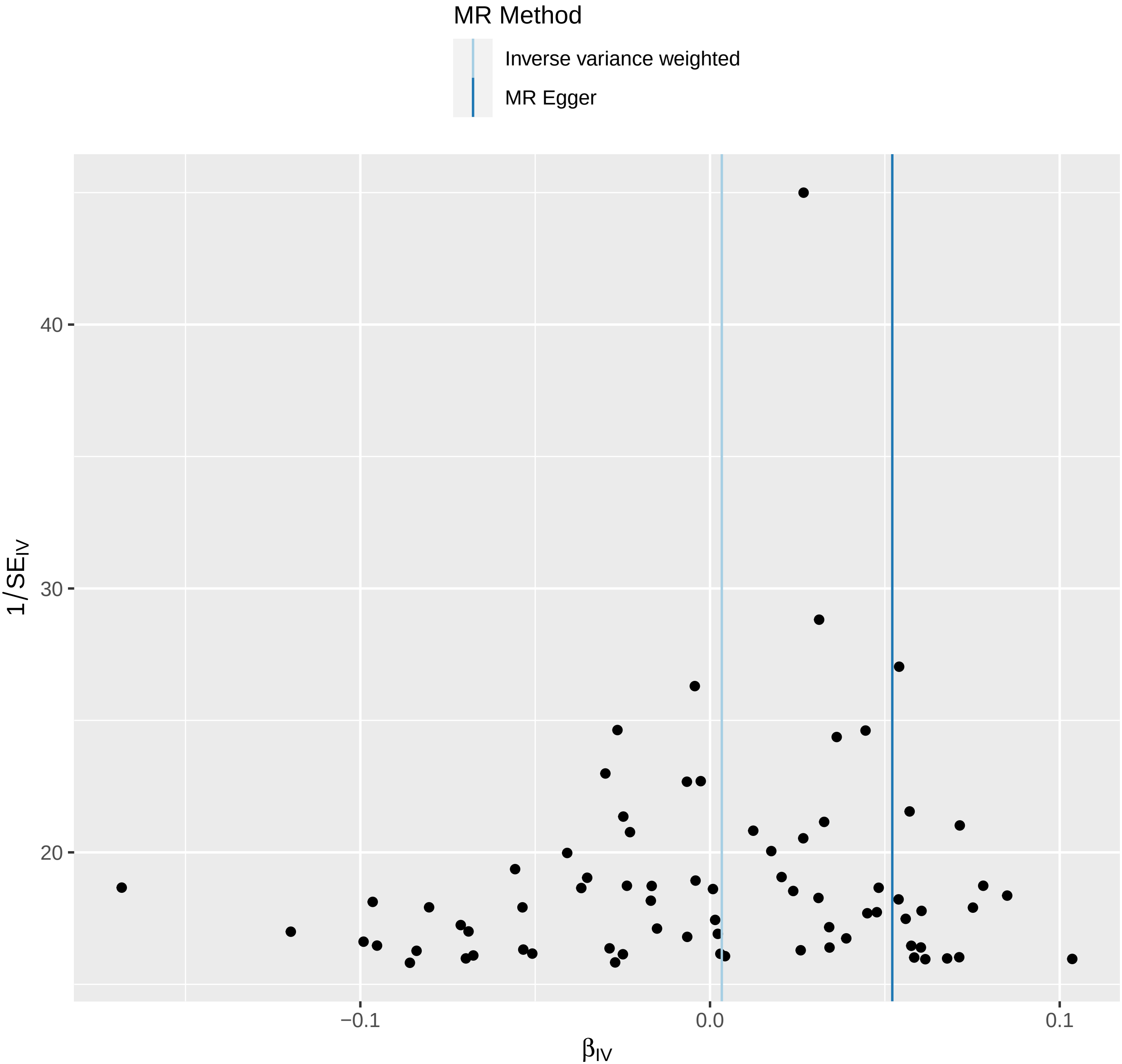

EstCtxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
30
20
−0.1
0.0
0.1
β_IV


FALentxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
β$_{IV}$

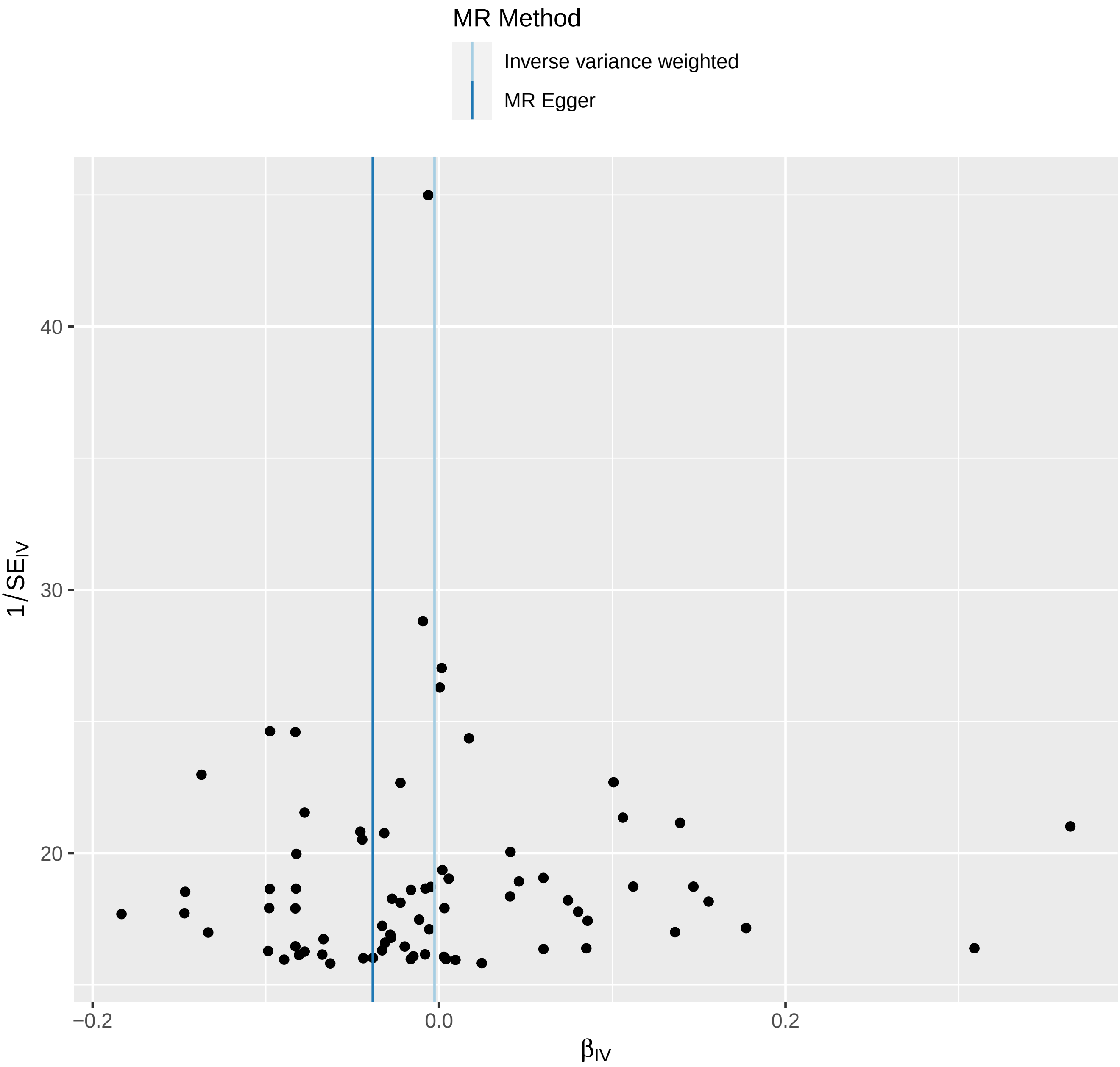
FAw3byFAtxt



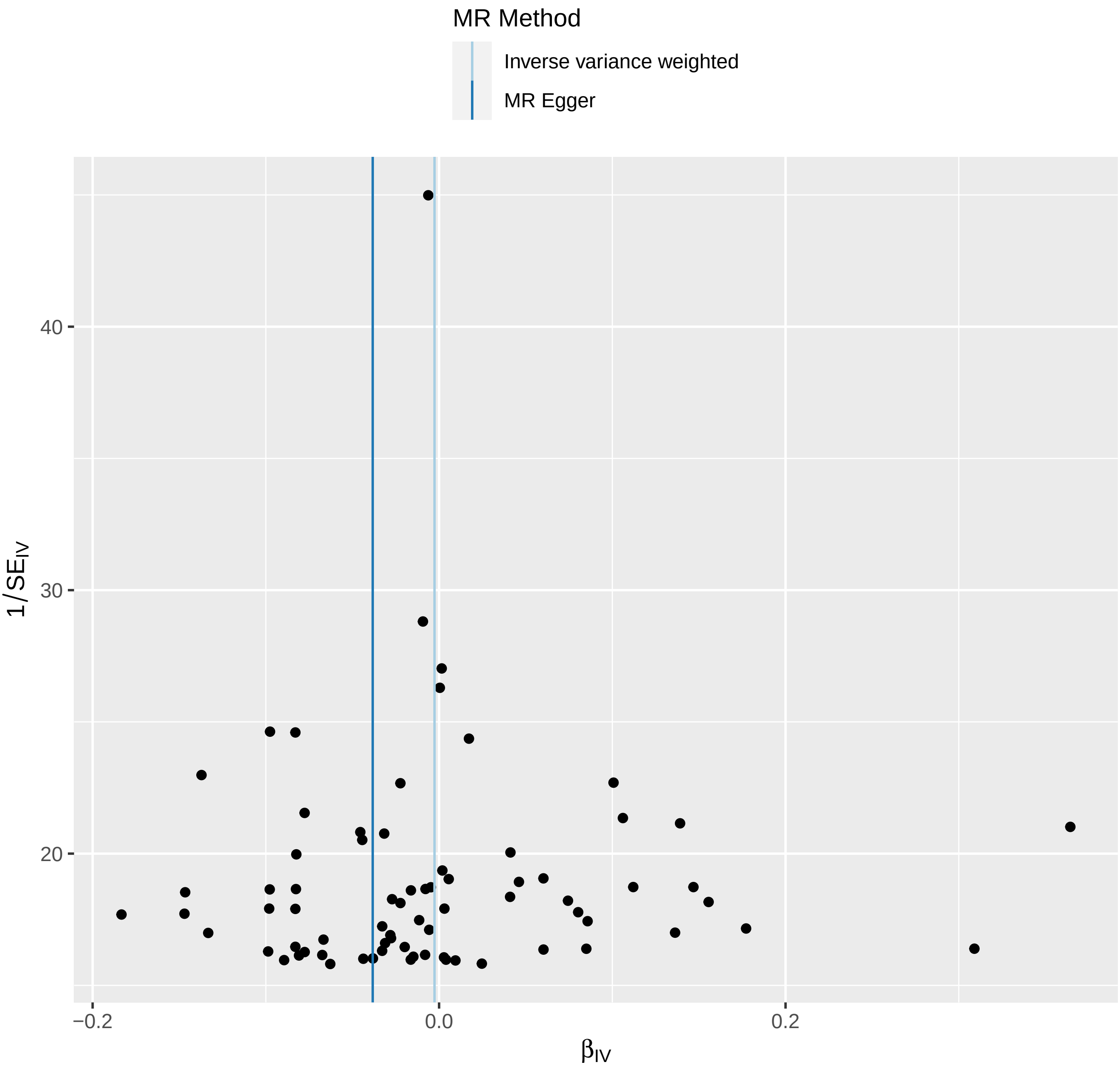
FAw3txt

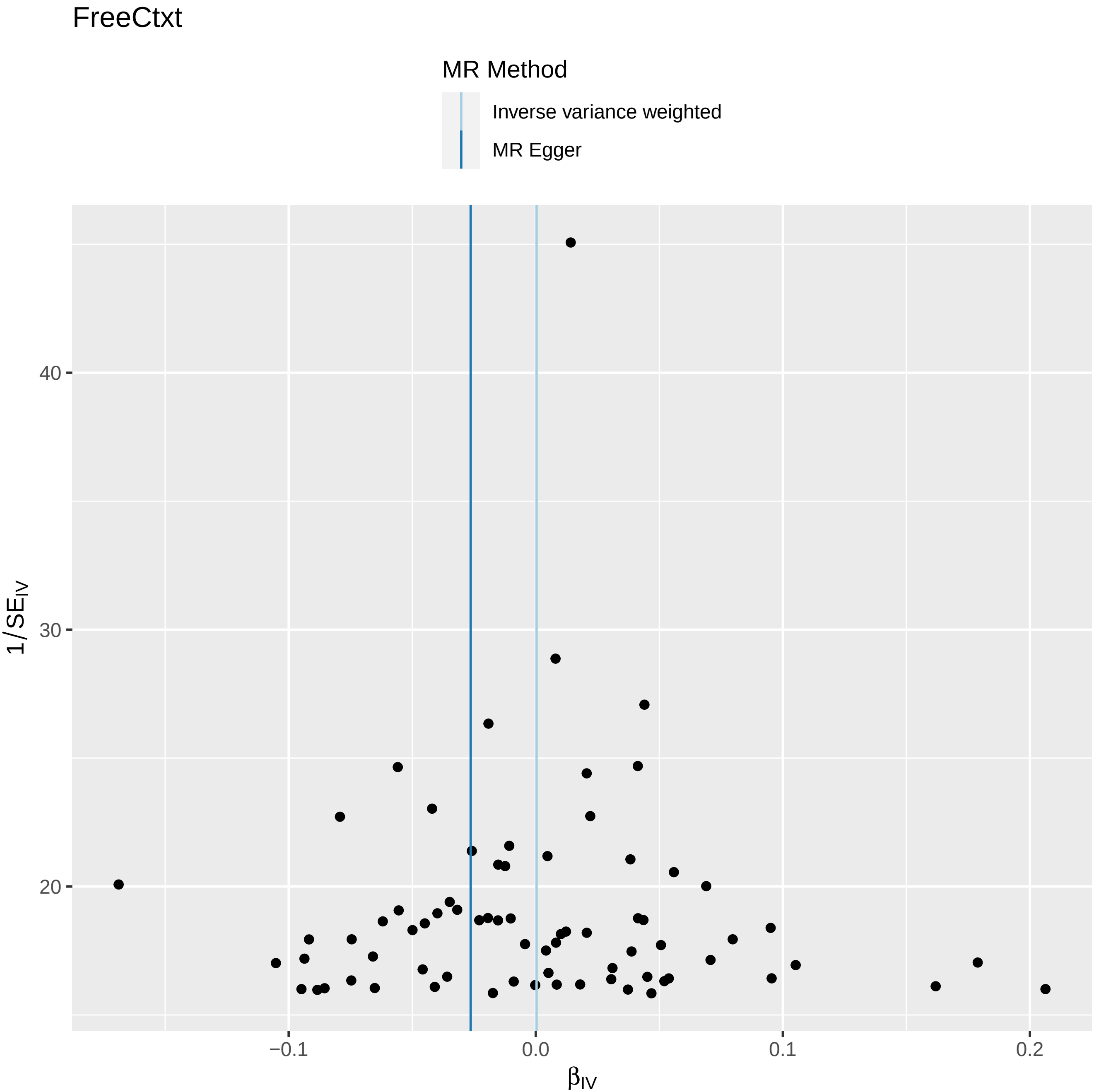

MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
β$_{IV}$

FAw6byFAtxt

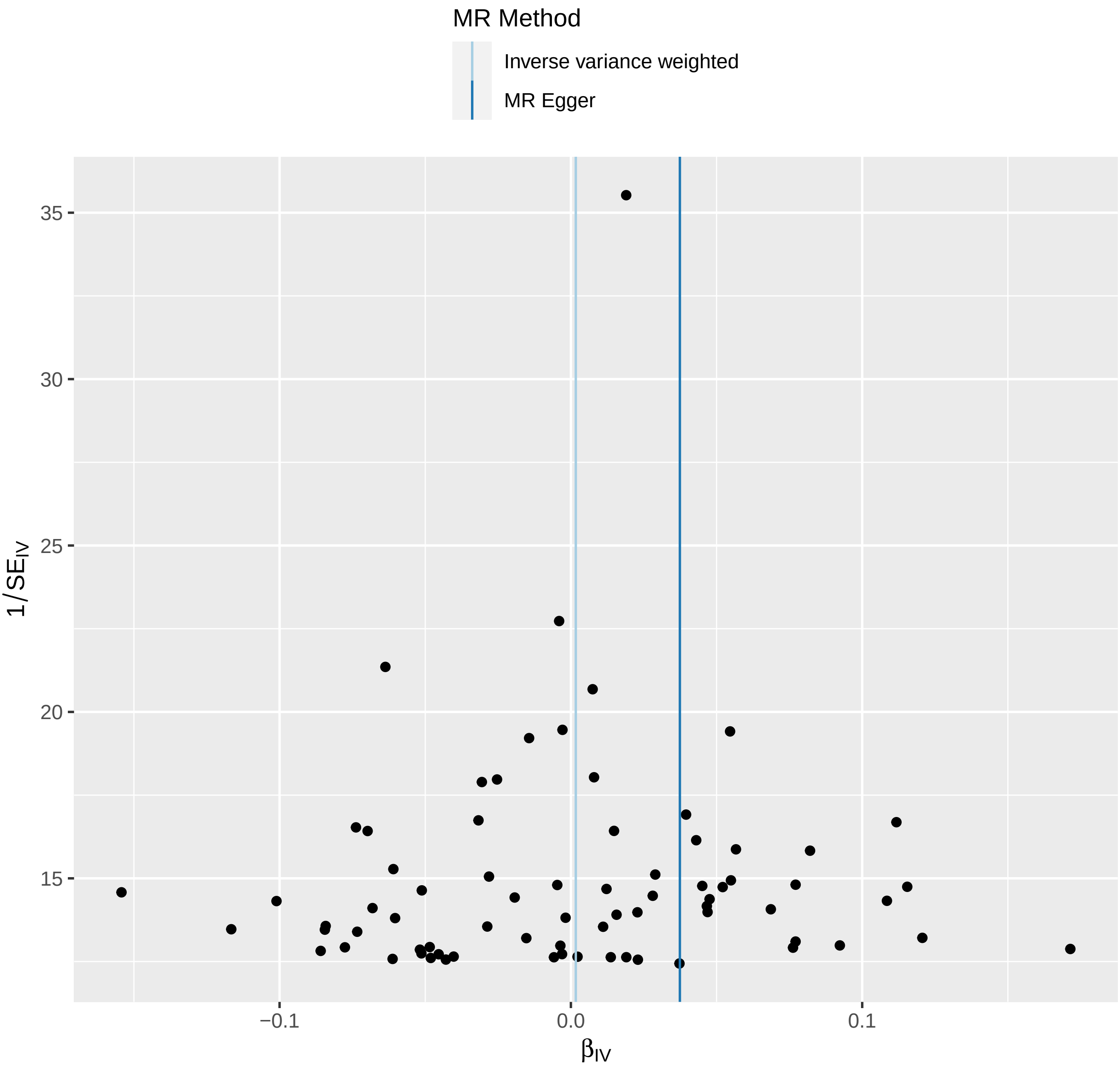


## FAw6txt

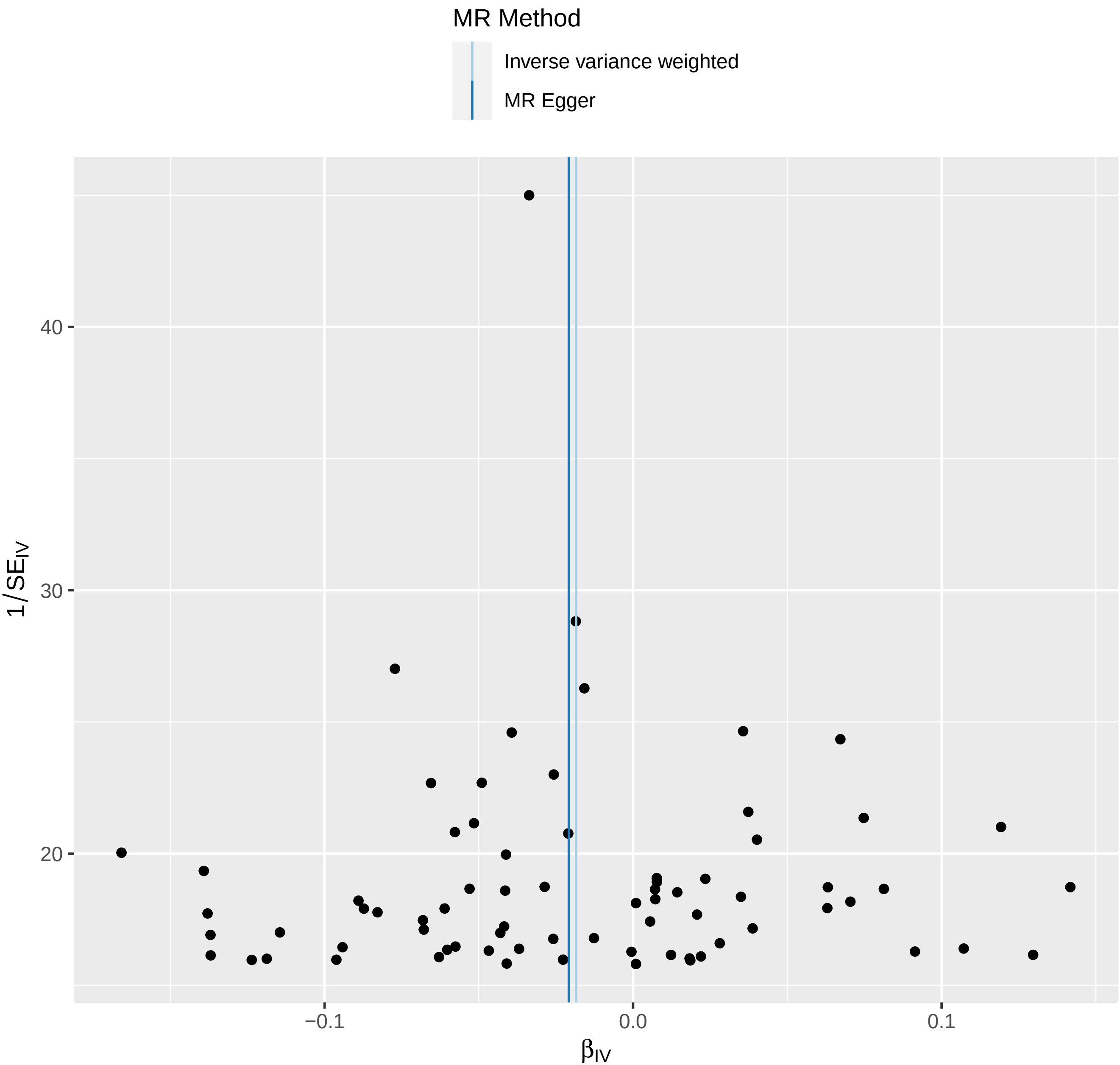

MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.2
0.0
0.2
β_IV

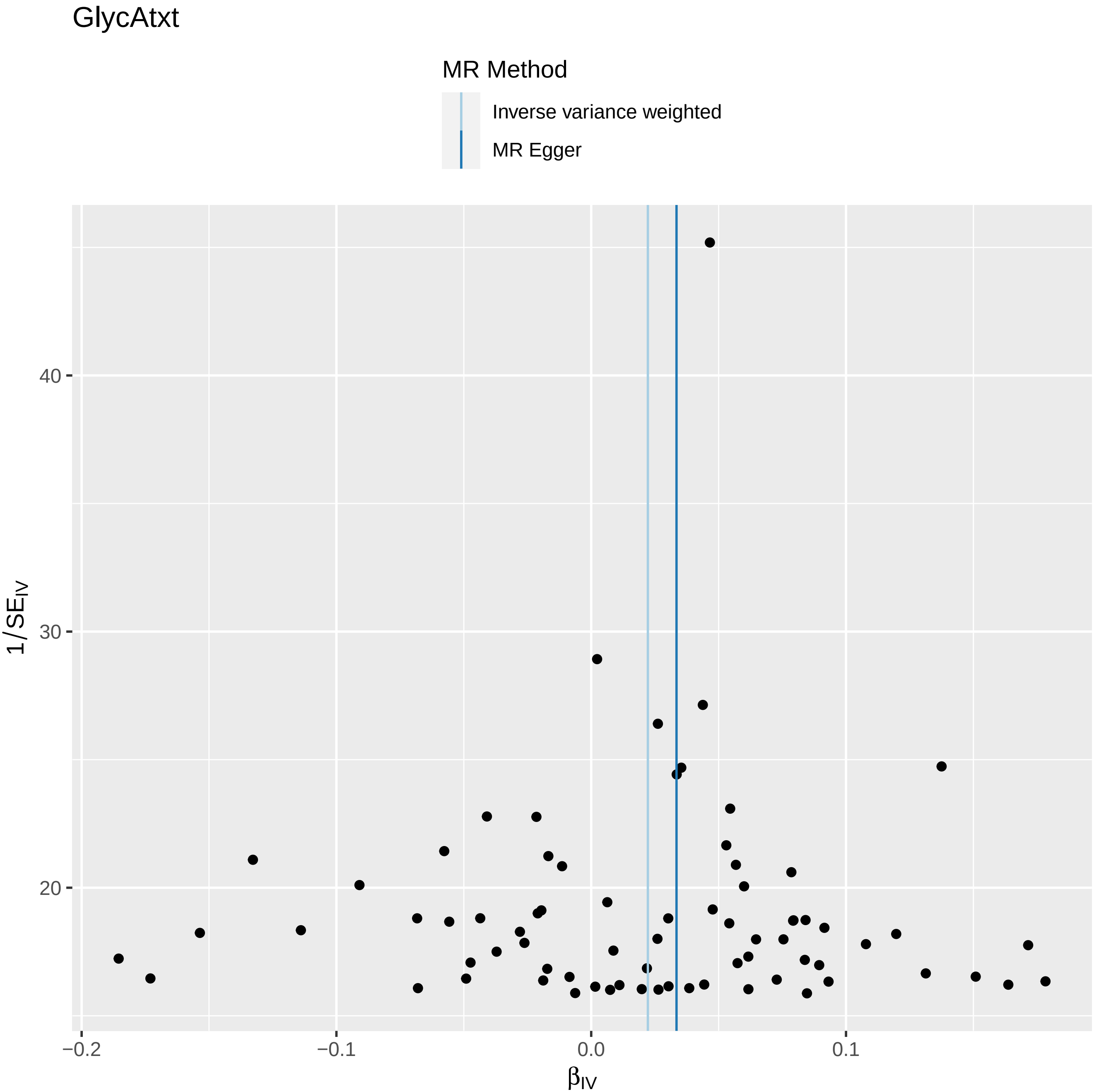

FreeCtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
0.2
β$_{IV}$

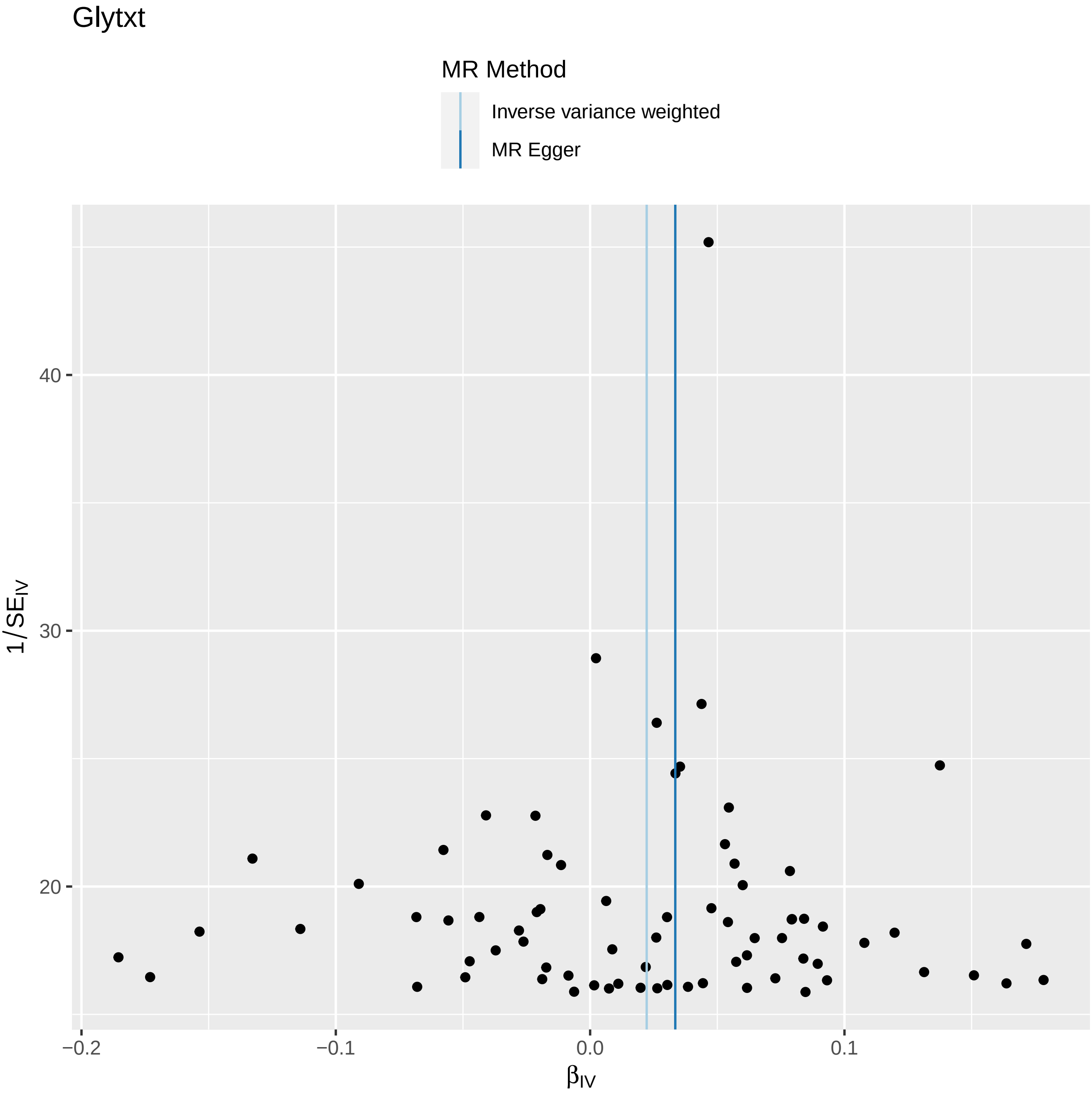
Glctxt

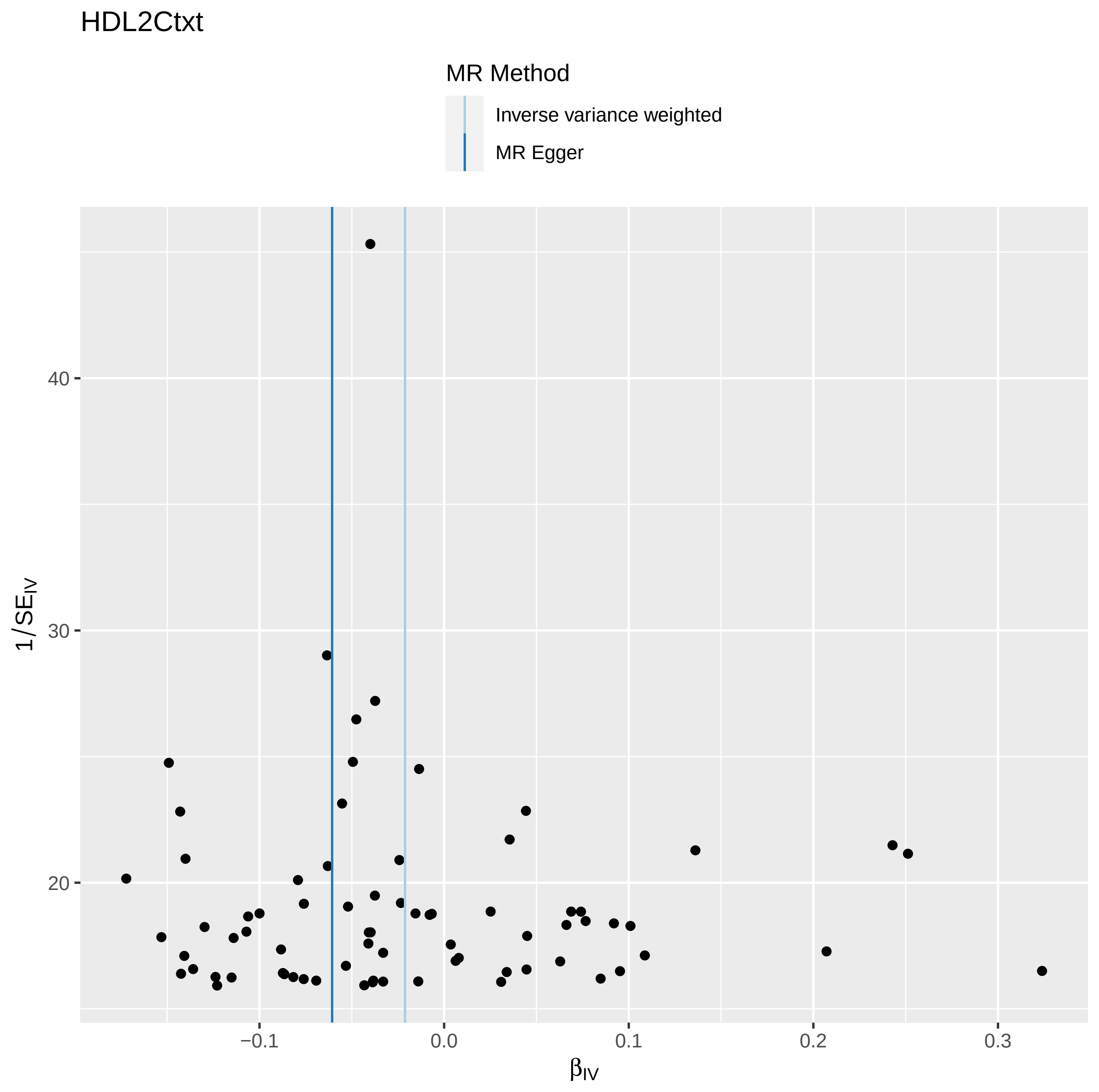

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
35
30
25
20
15
−0.1
0.0
0.1
β$_{IV}$

Glntxt

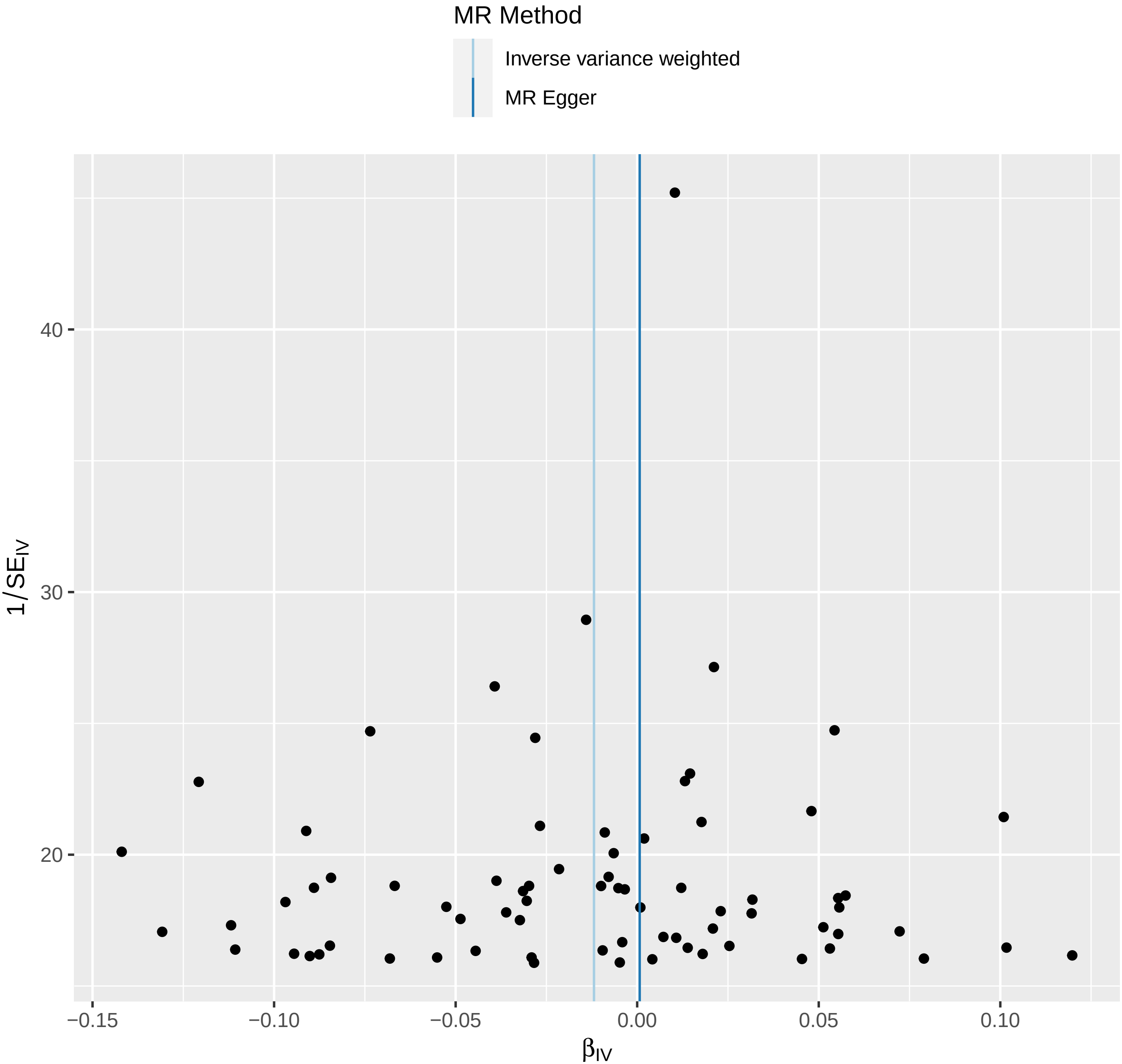

MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
β_IV

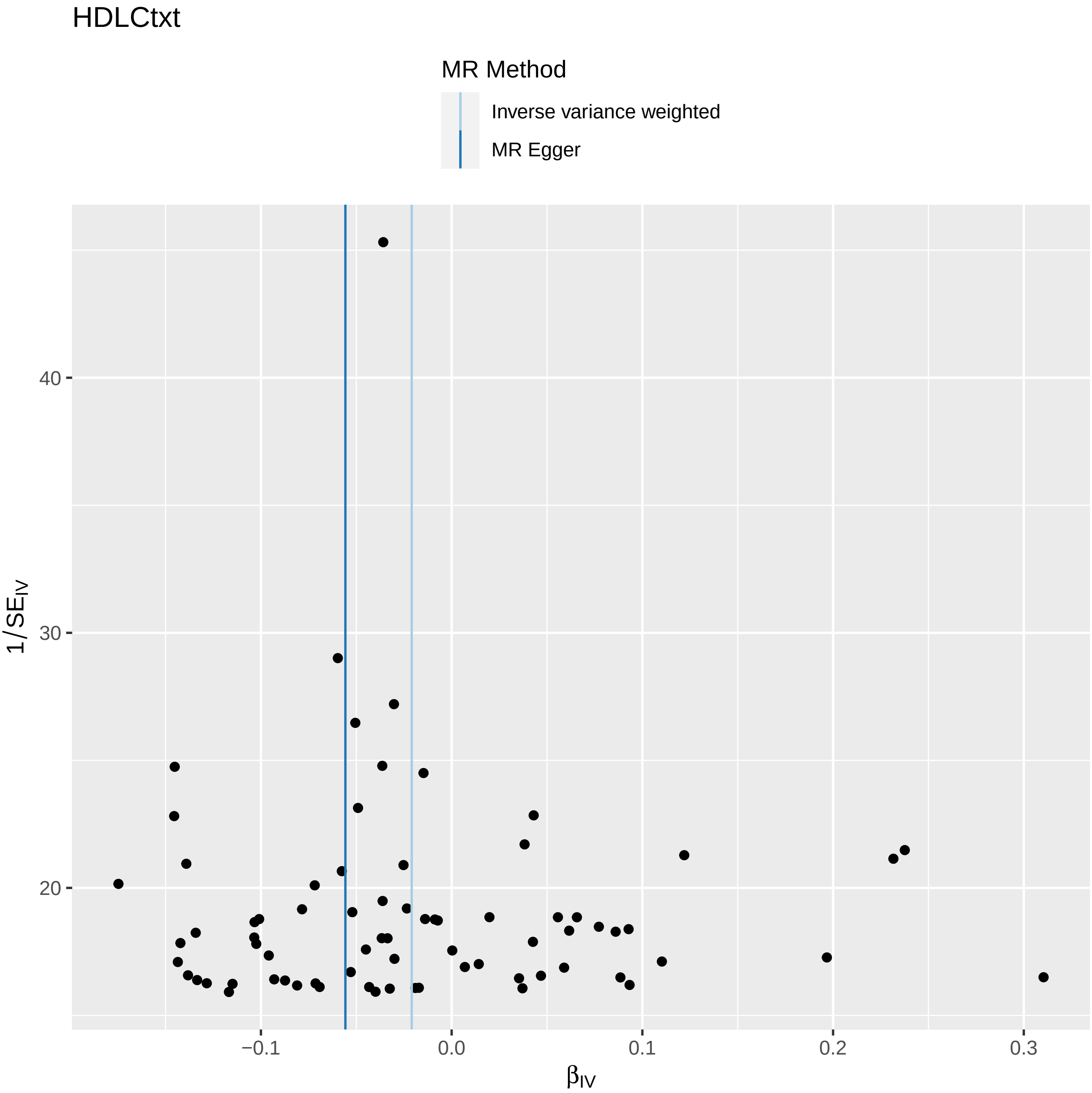

GlycAtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
β$_{IV}$

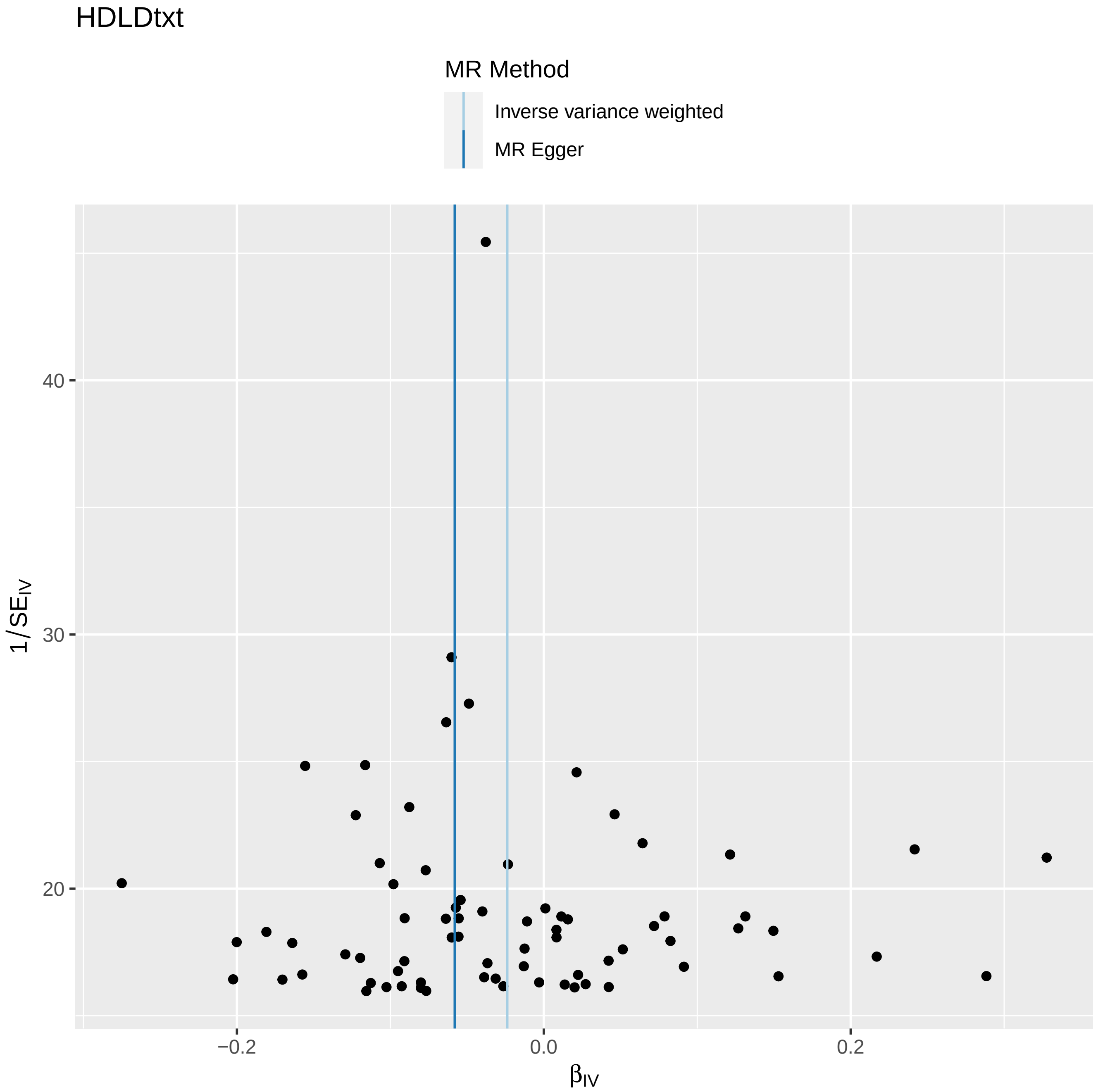

Glytxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
β$_{IV}$

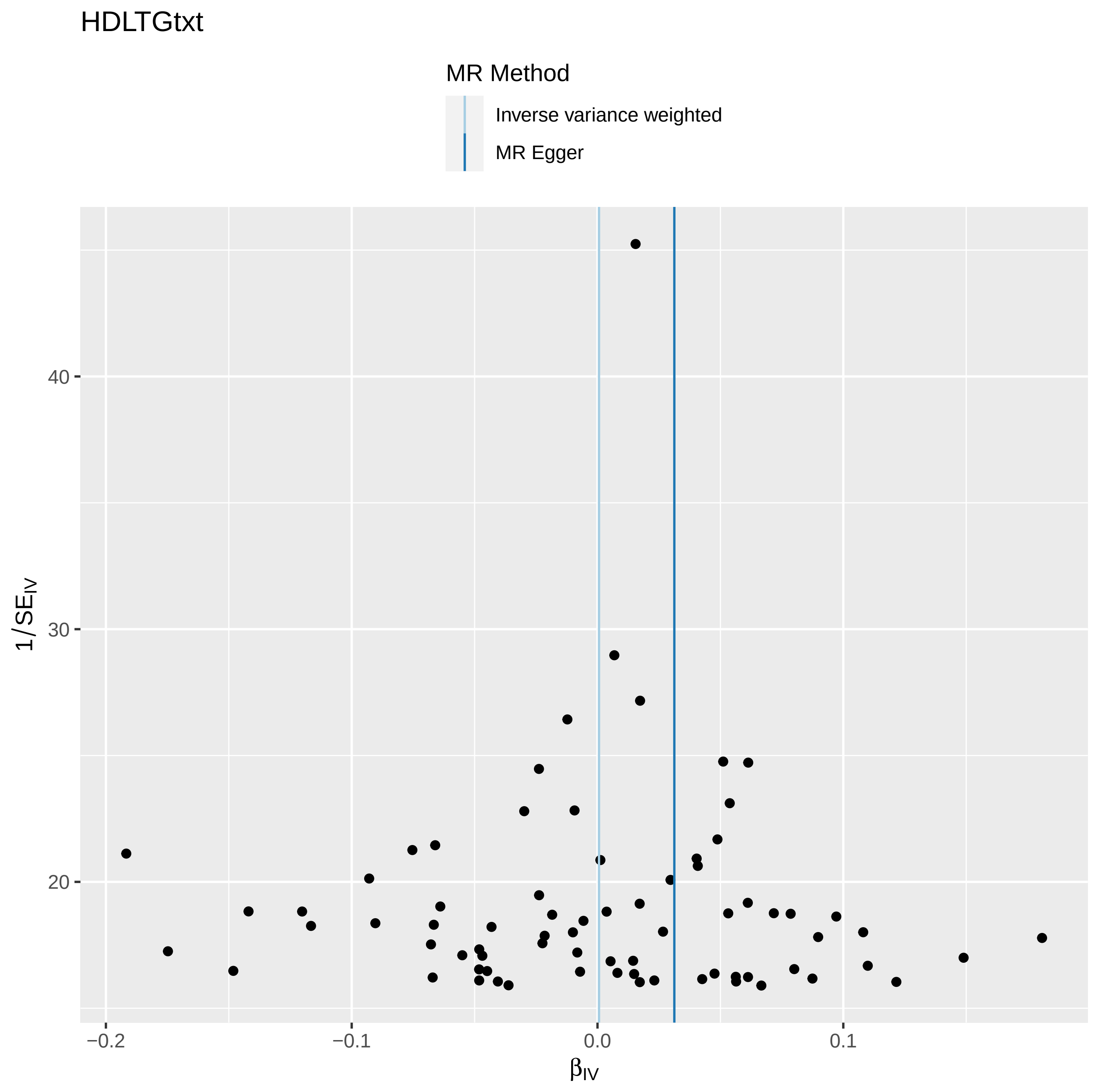

HDL2Ctxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
0.3
β$_{IV}$

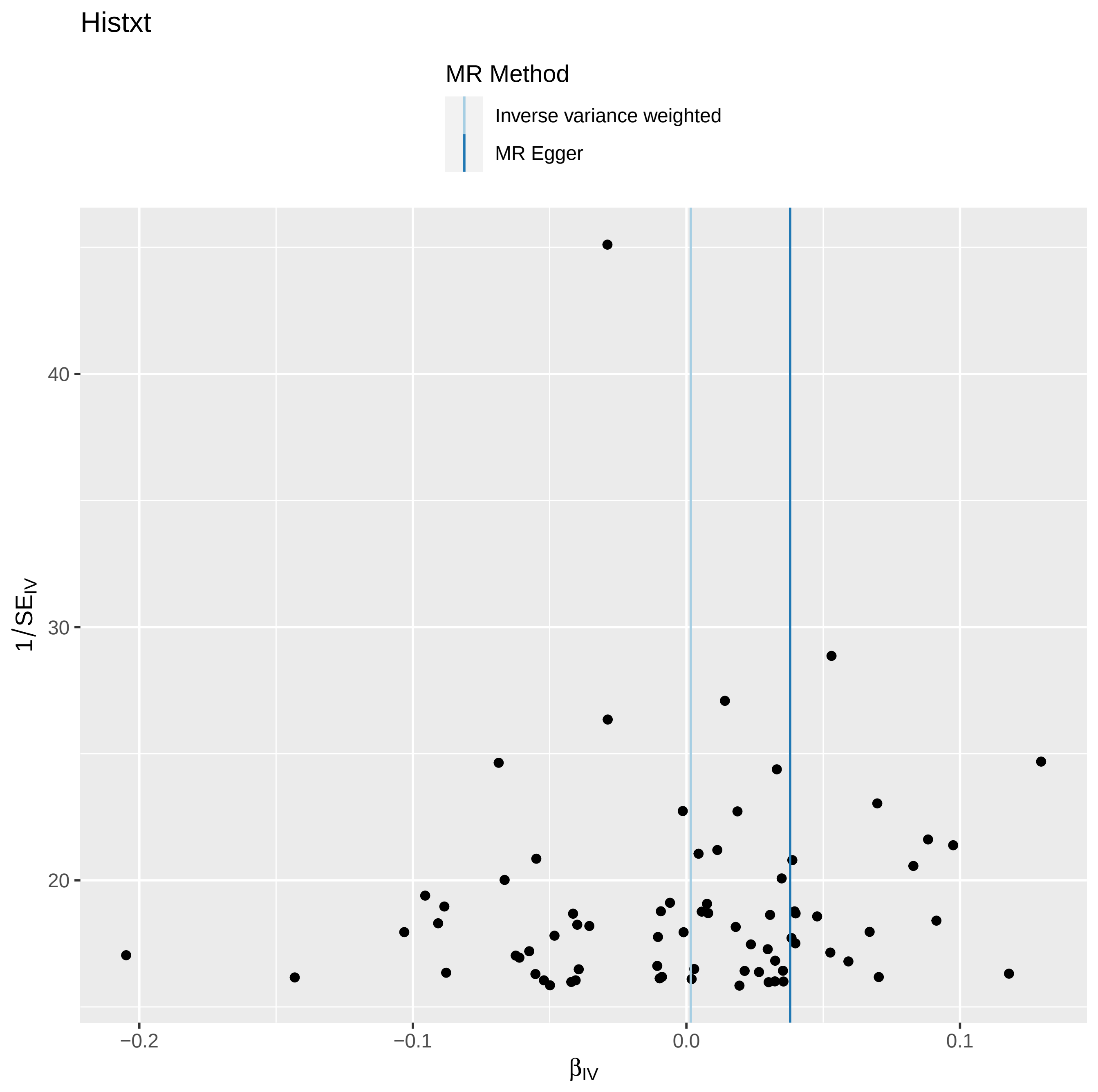
HDL3Ctxt


MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.15
−0.10
−0.05
0.00
0.05
0.10
β_IV

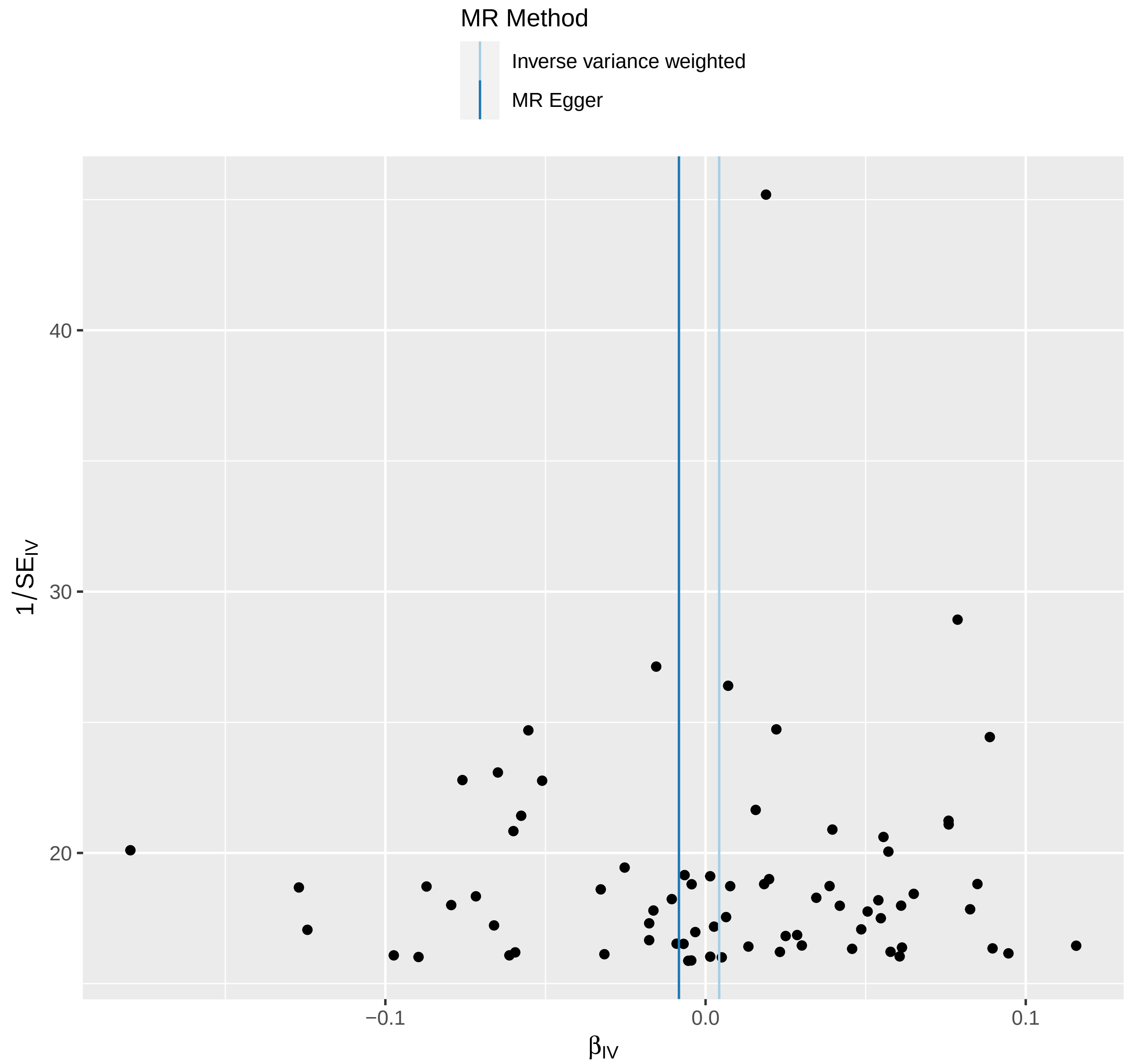

HDLCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
0.3
β$_{IV}$


HDLDtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.2
0.0
0.2
$\beta_{IV}$

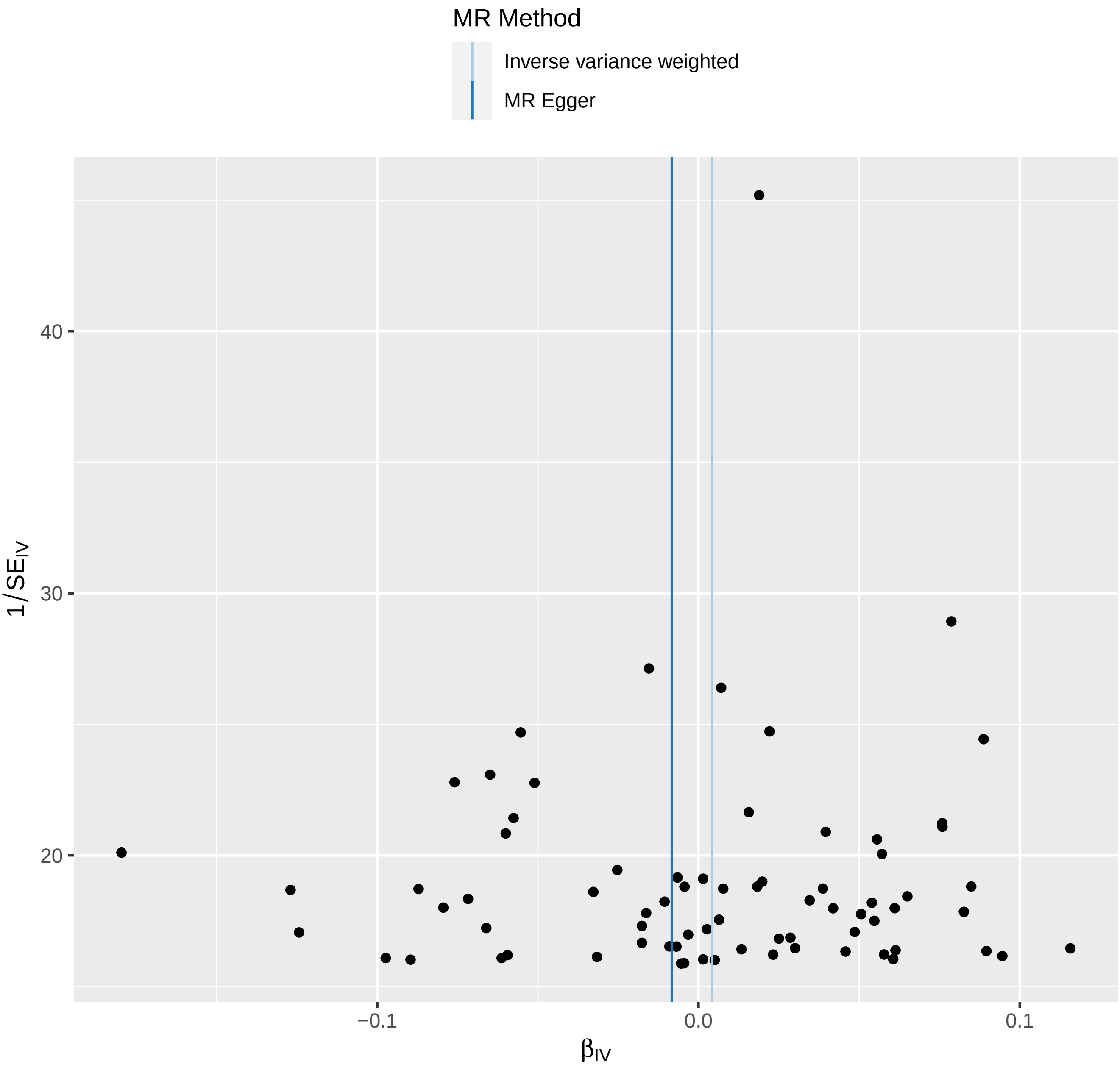

HDLTGtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.2
−0.1
0.0
0.1
$\beta_{IV}$


Histxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.2
−0.1
0.0
0.1
$\beta_{IV}$

IDLCEpctpercenttxt

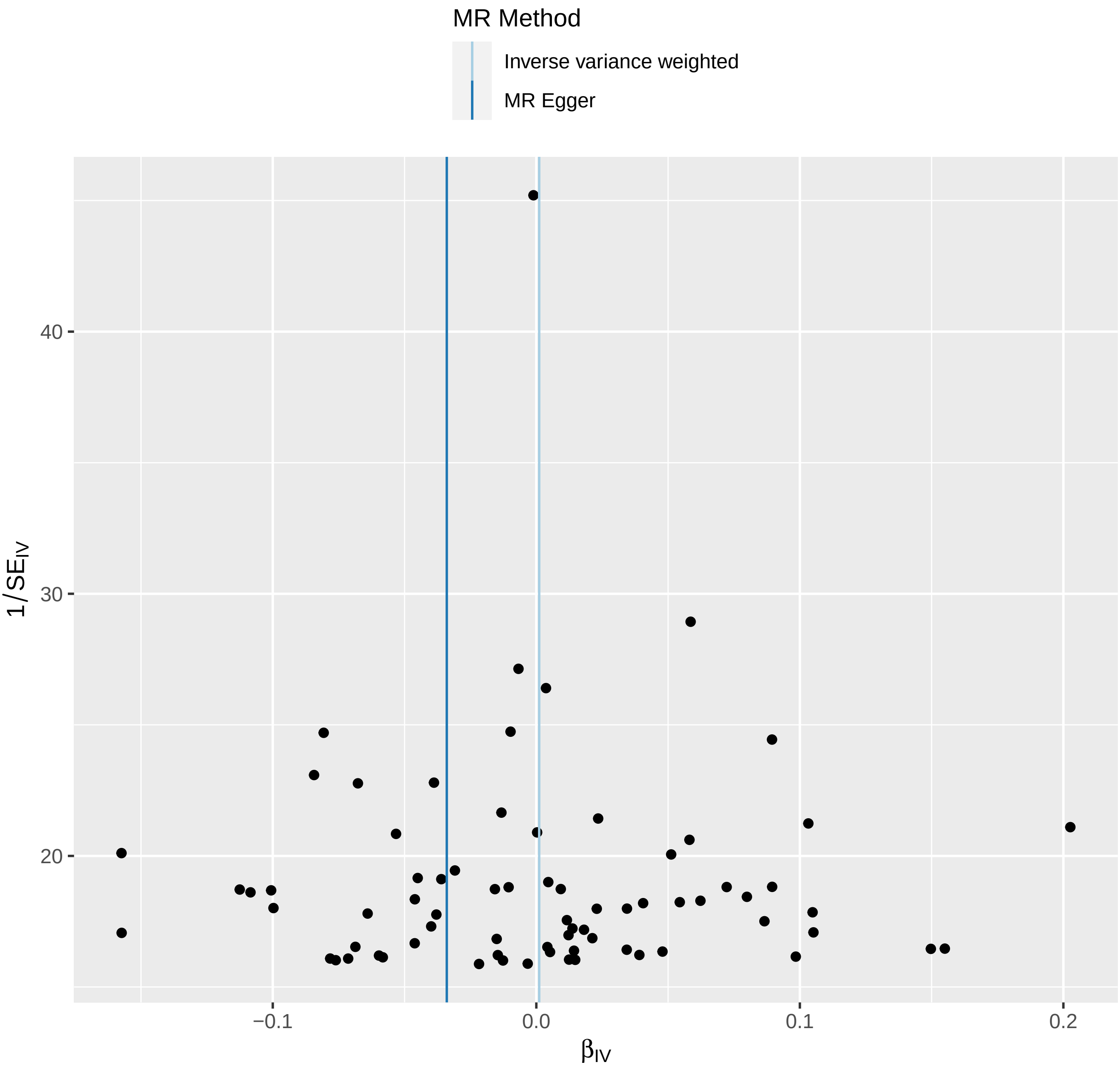


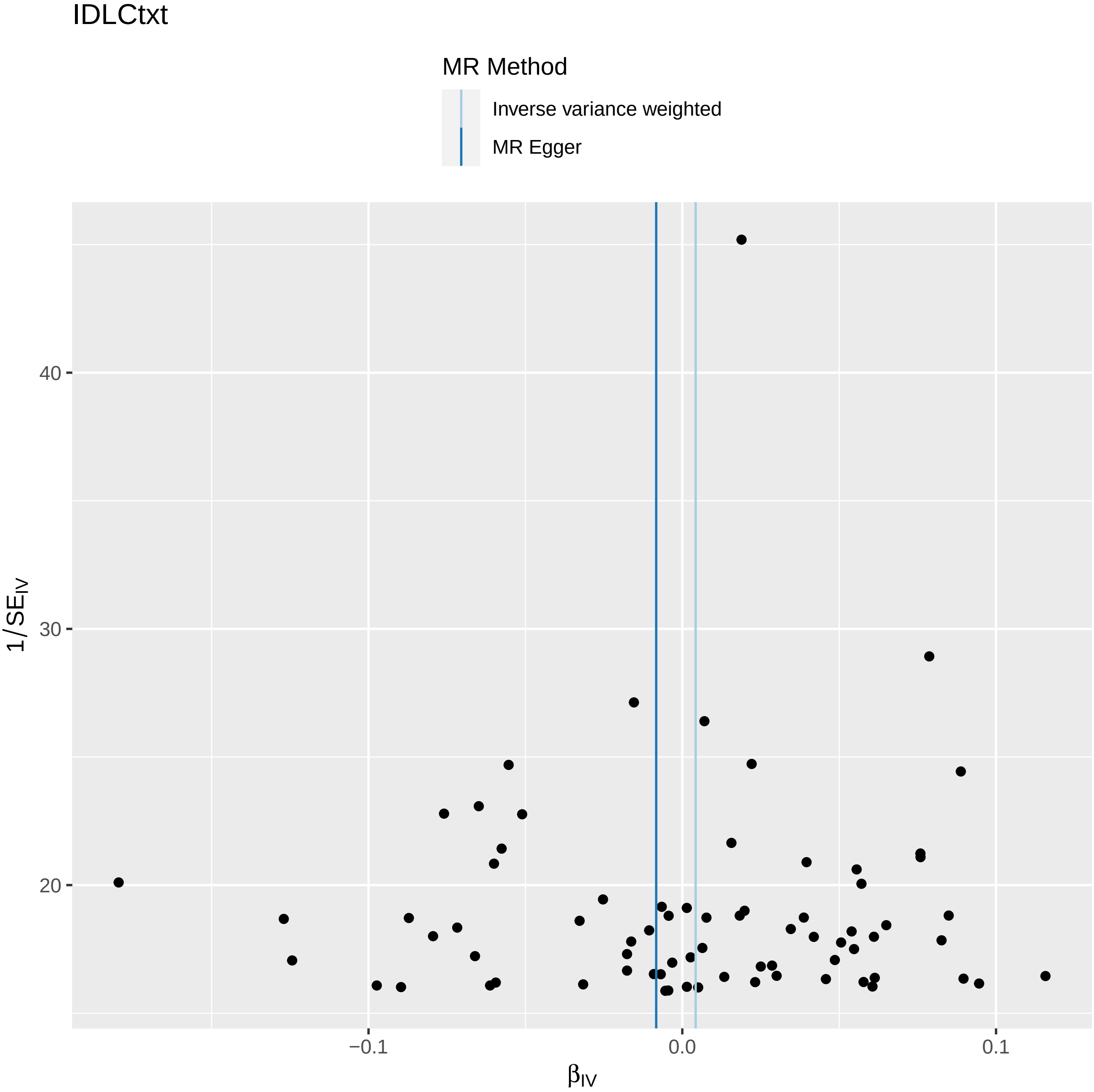
IDLCEtxt

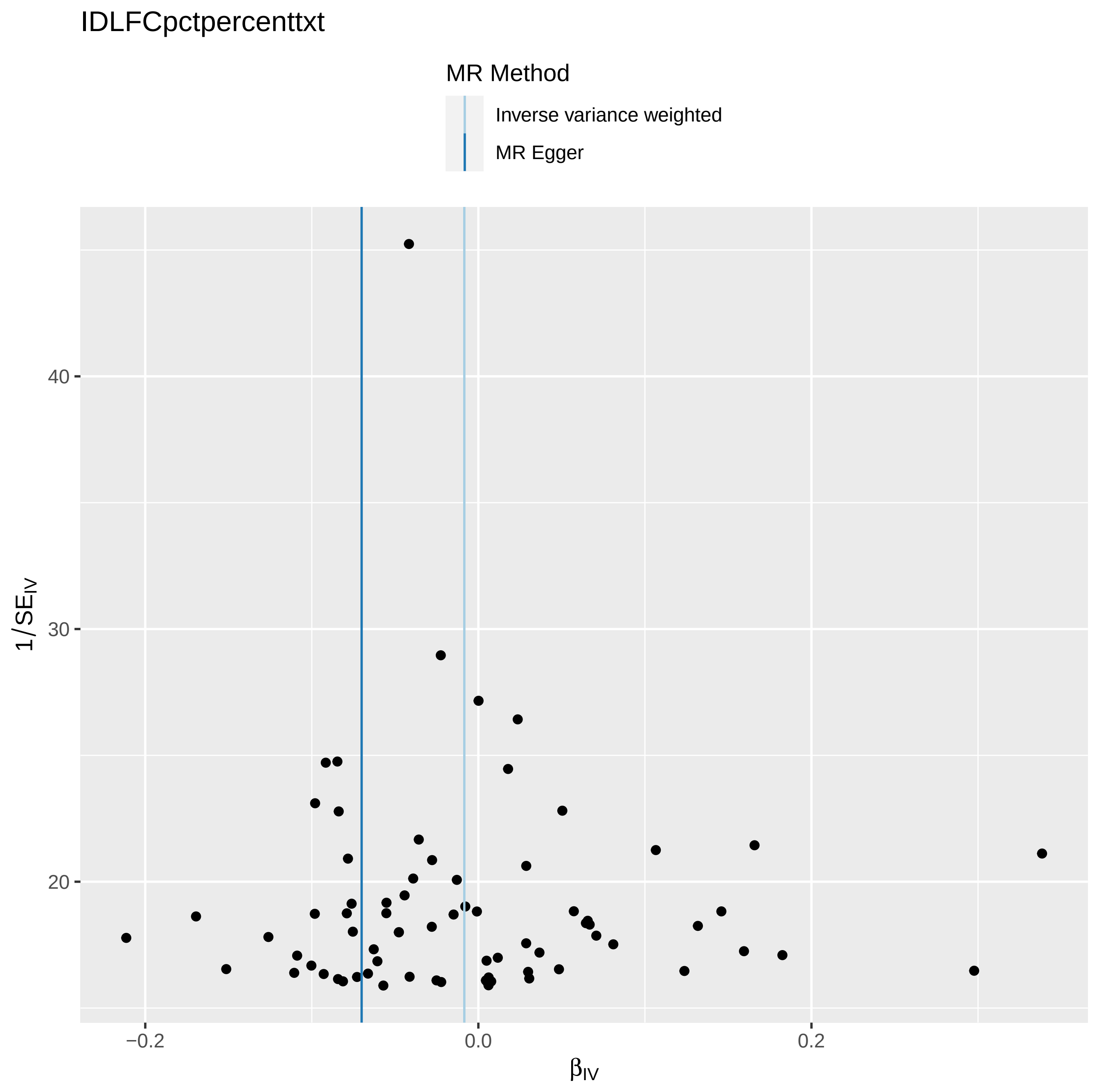


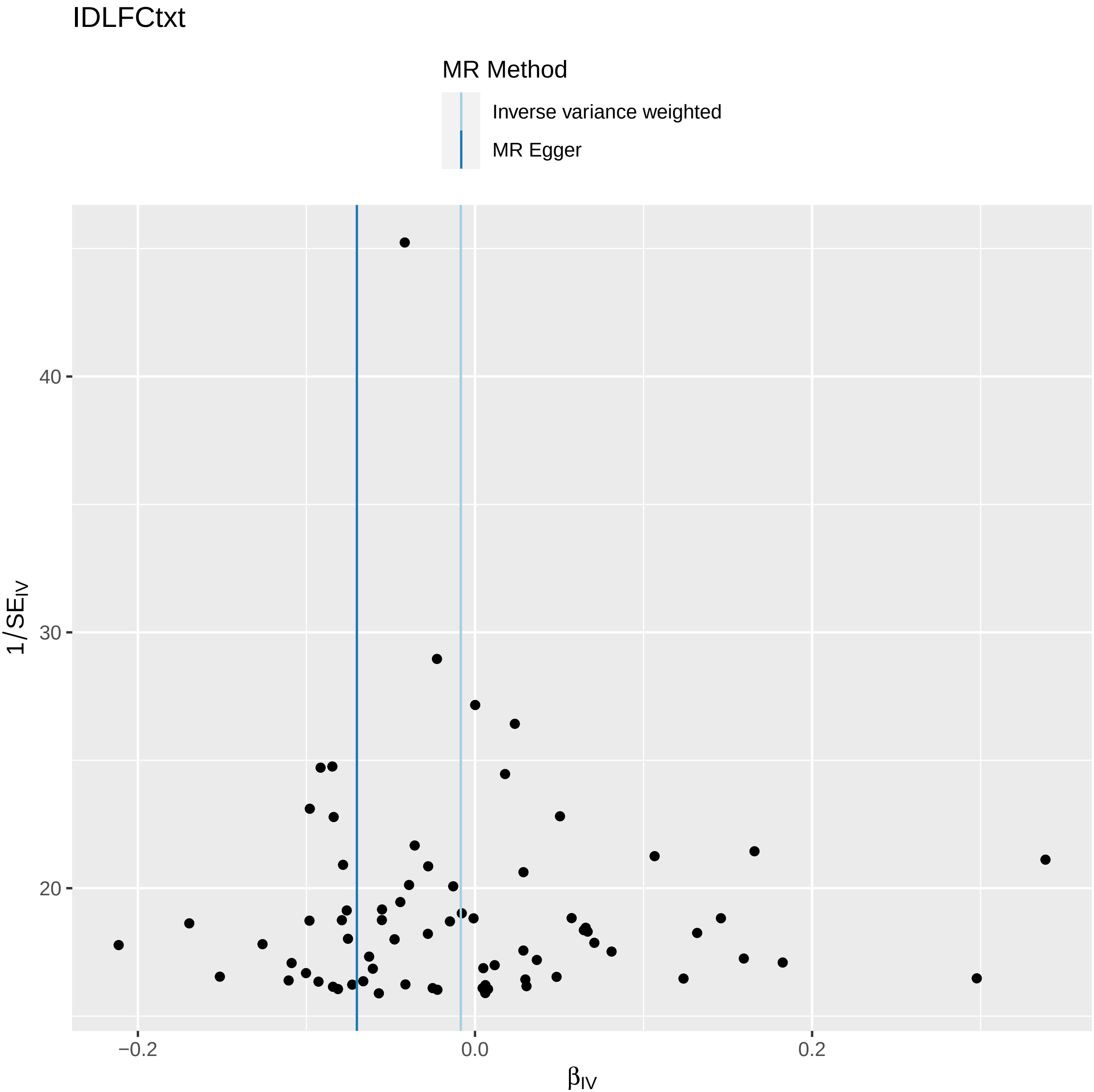
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
30
20
−0.1
0.0
0.1
β_IV

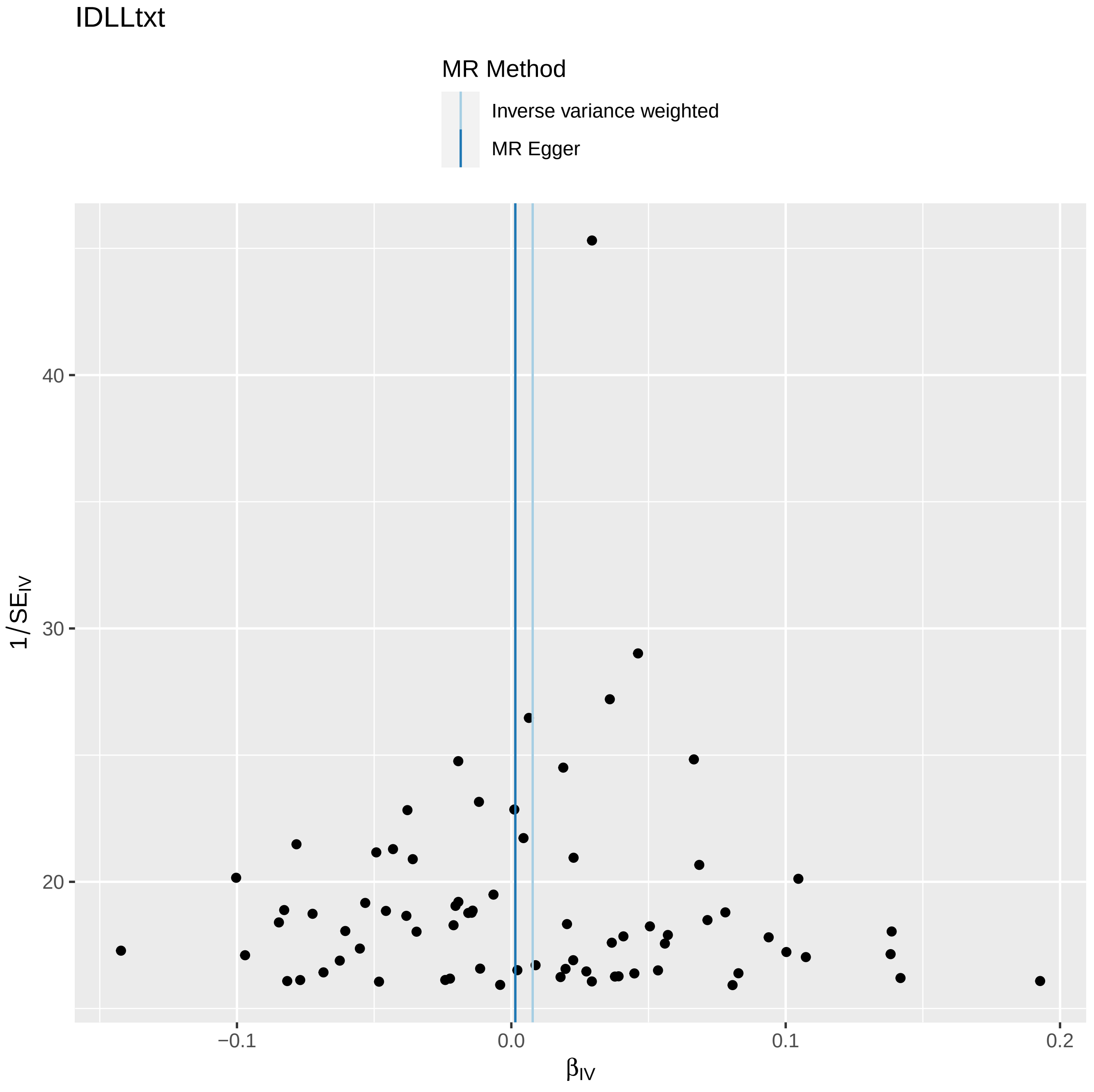
IDLCpctpercenttxt

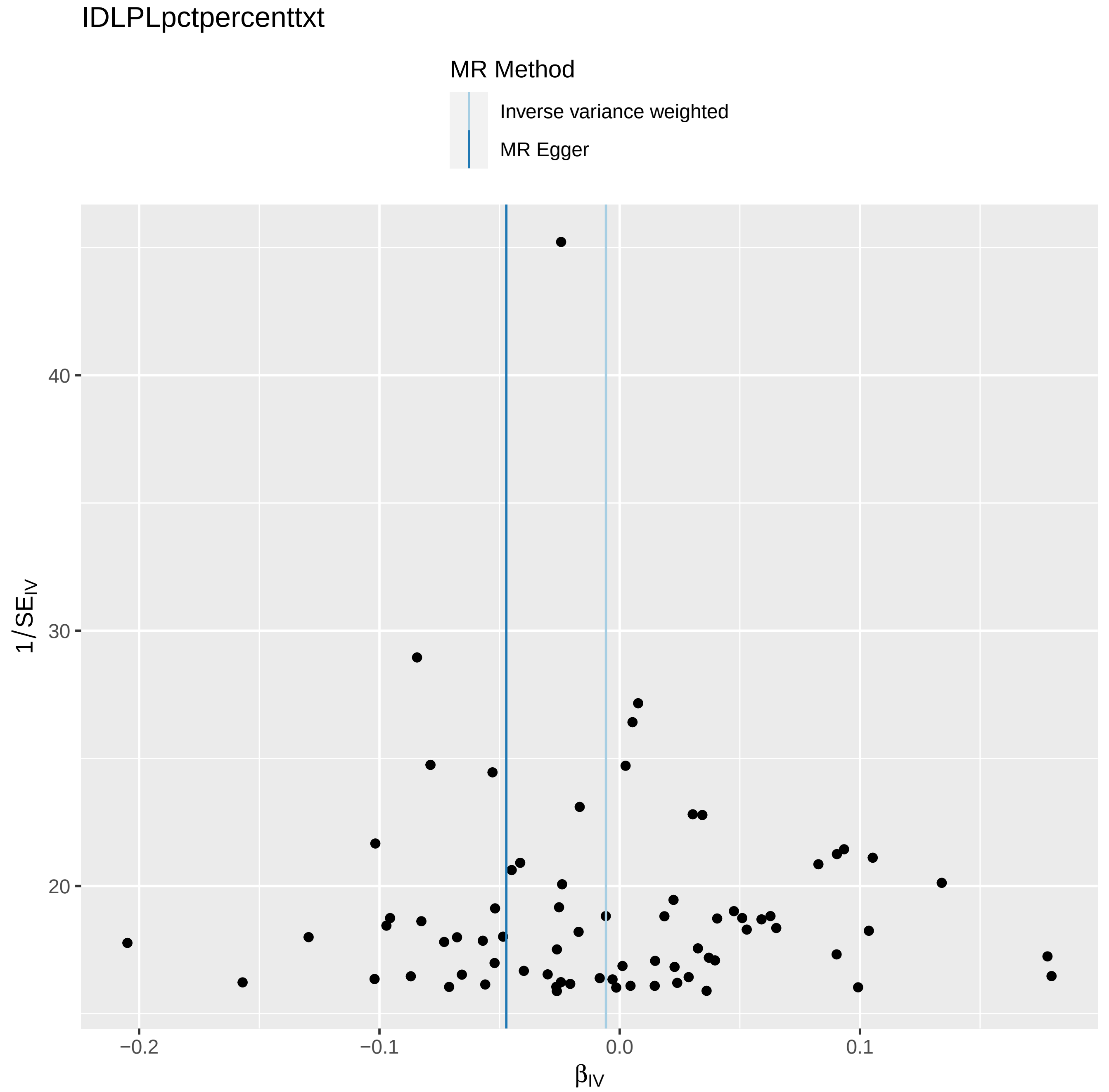


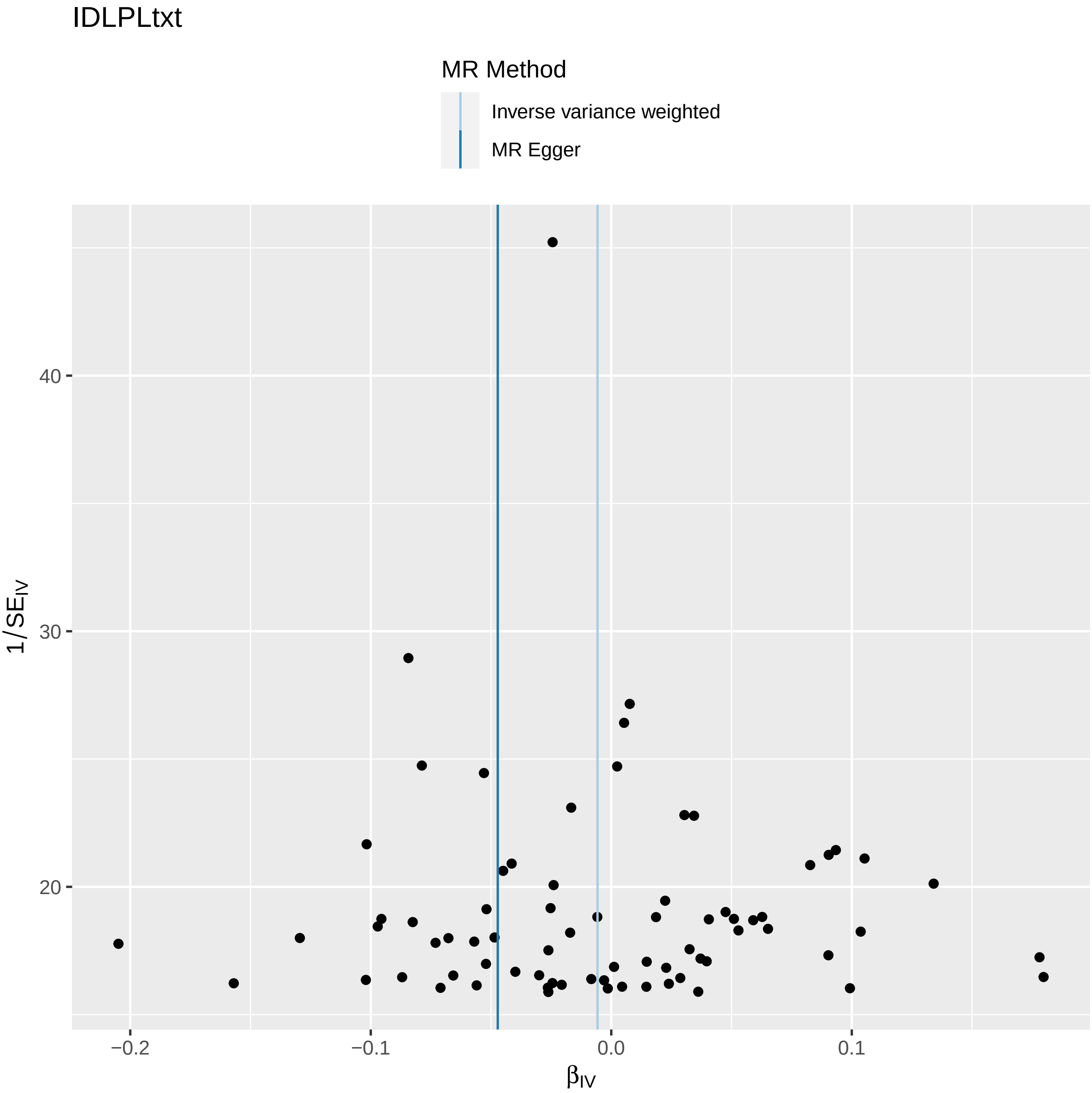

IDLCtxt
MR Method
Inverse variance weighted
MR Egger
$1/SE_{IV}$
40
30
20
−0.1
0.0
0.1
$\beta_{IV}$


IDLFCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
0.0
0.2
β$_{IV}$

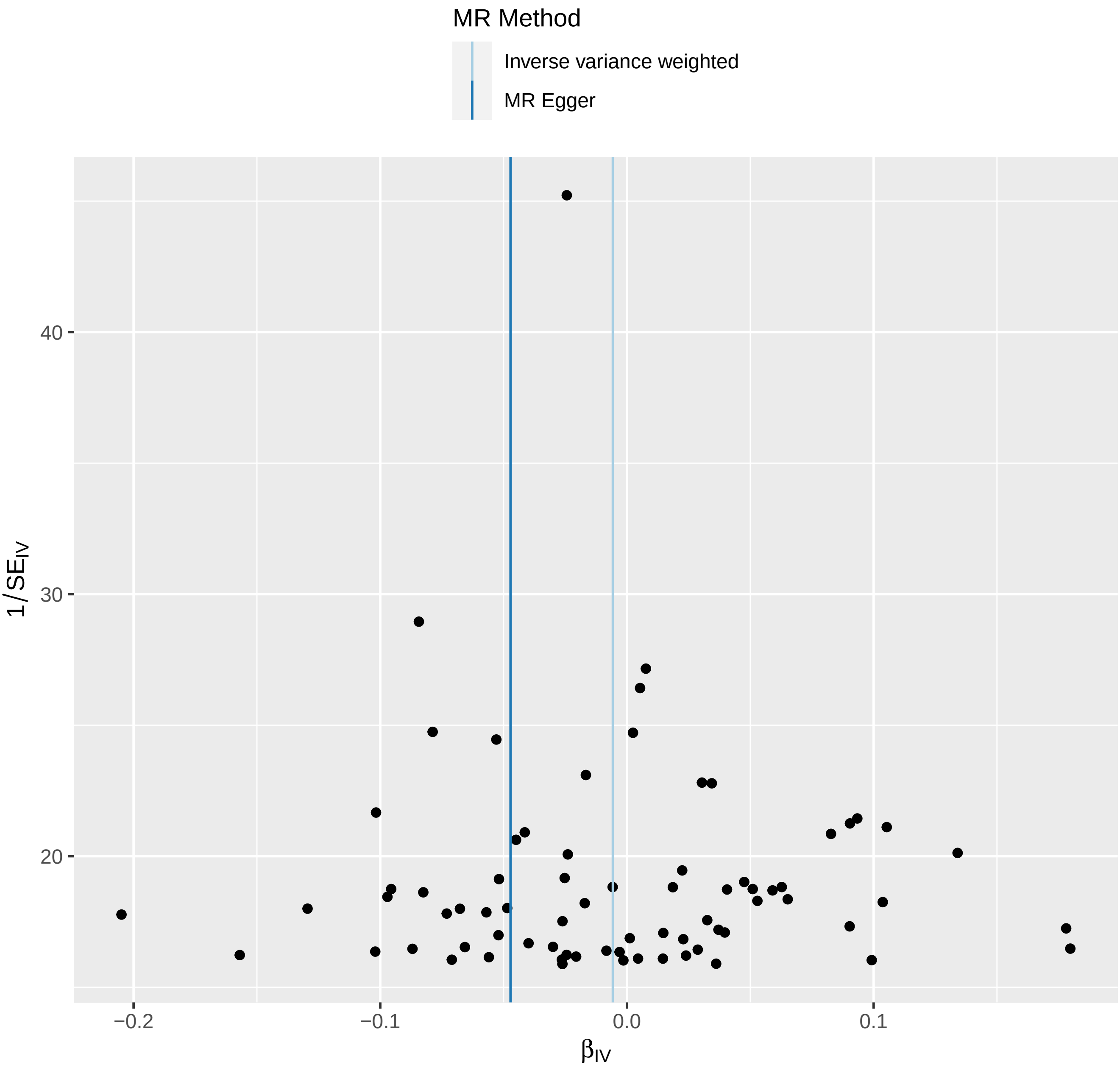

IDLFCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.2
0.0
0.2
β_IV


IDLLtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
β$_{IV}$

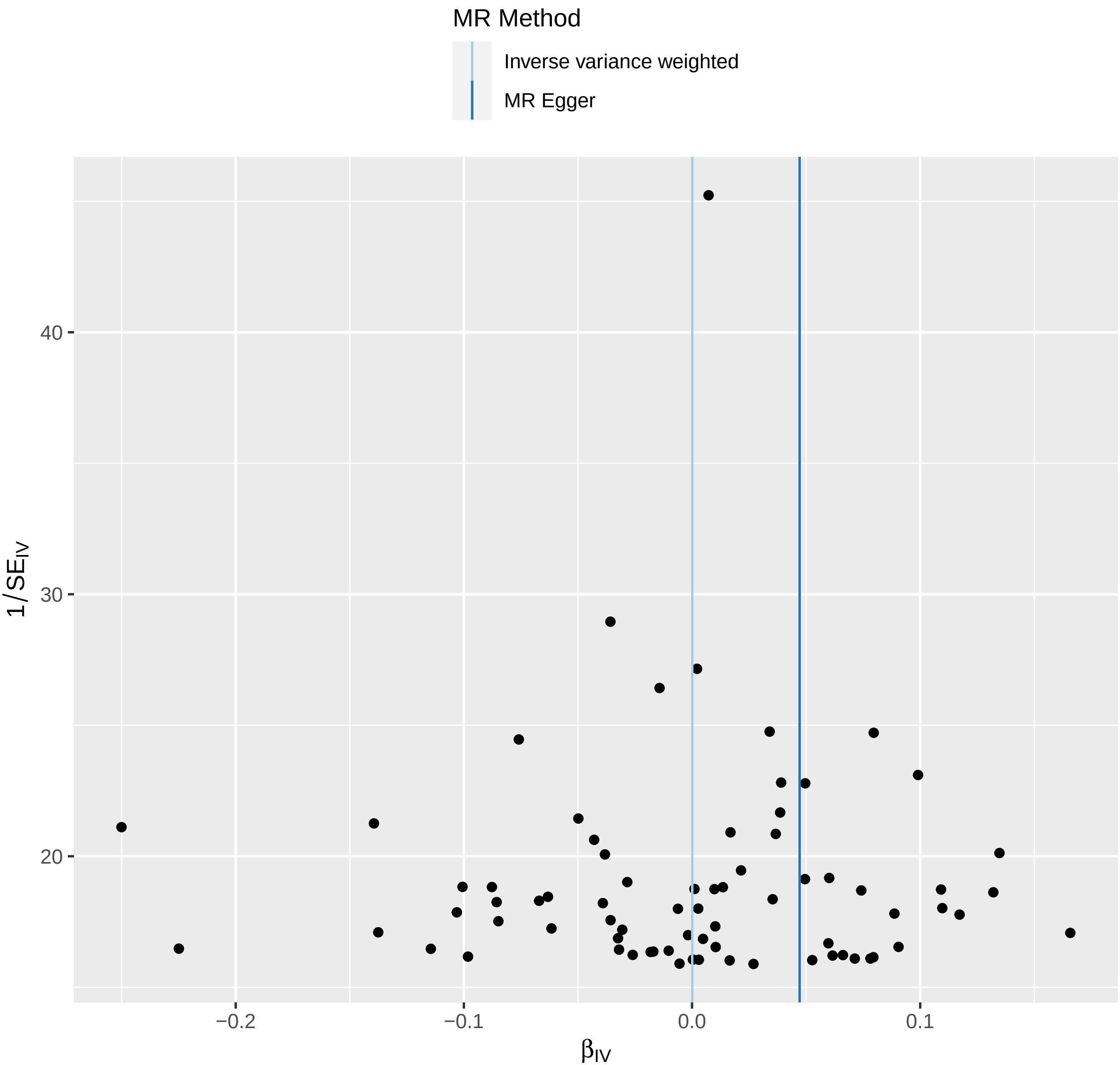

IDLPLpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.2
−0.1
0.0
0.1
$\beta_{IV}$

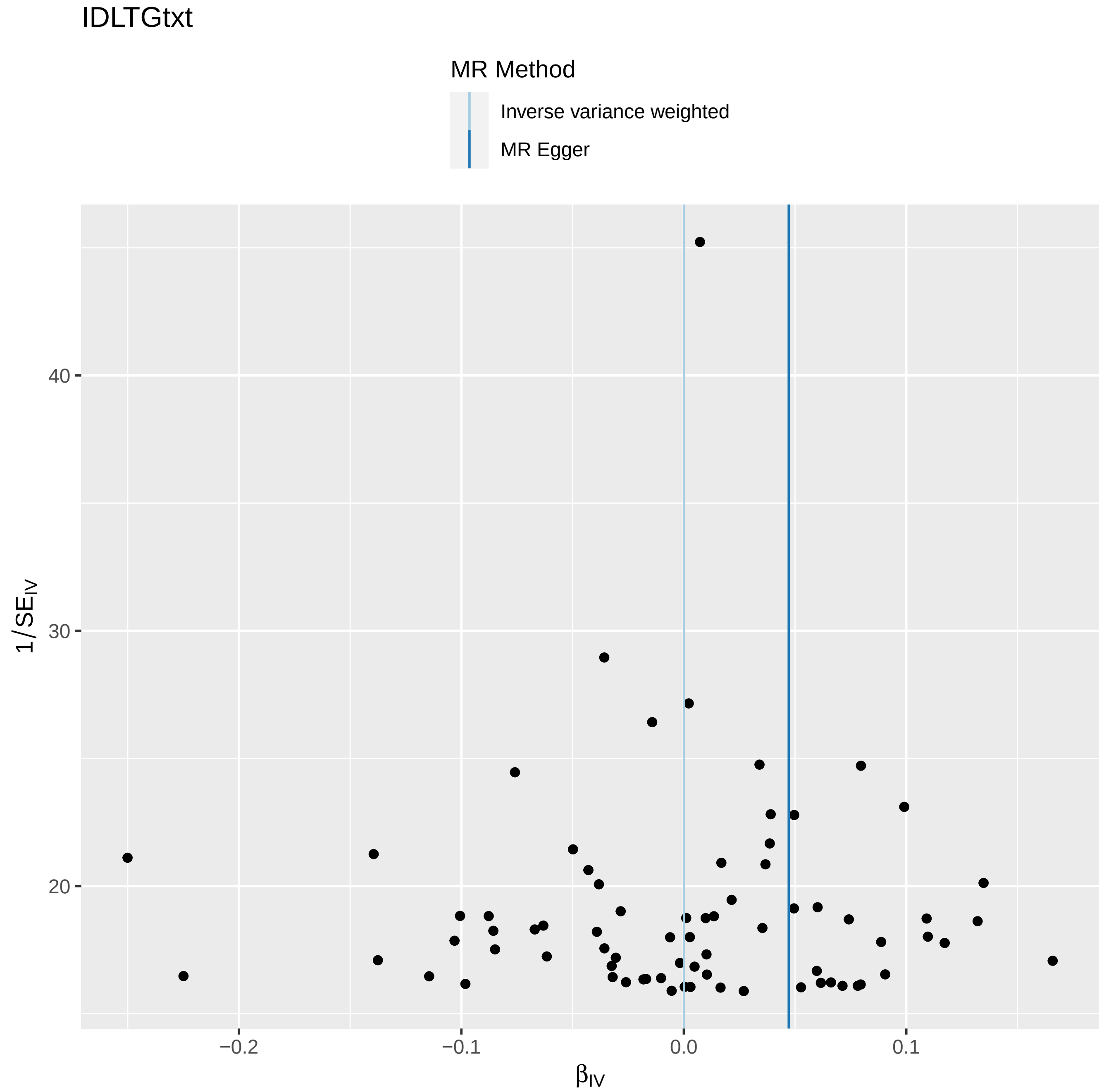

IDLPLtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
β$_{IV}$

IDLPtxt

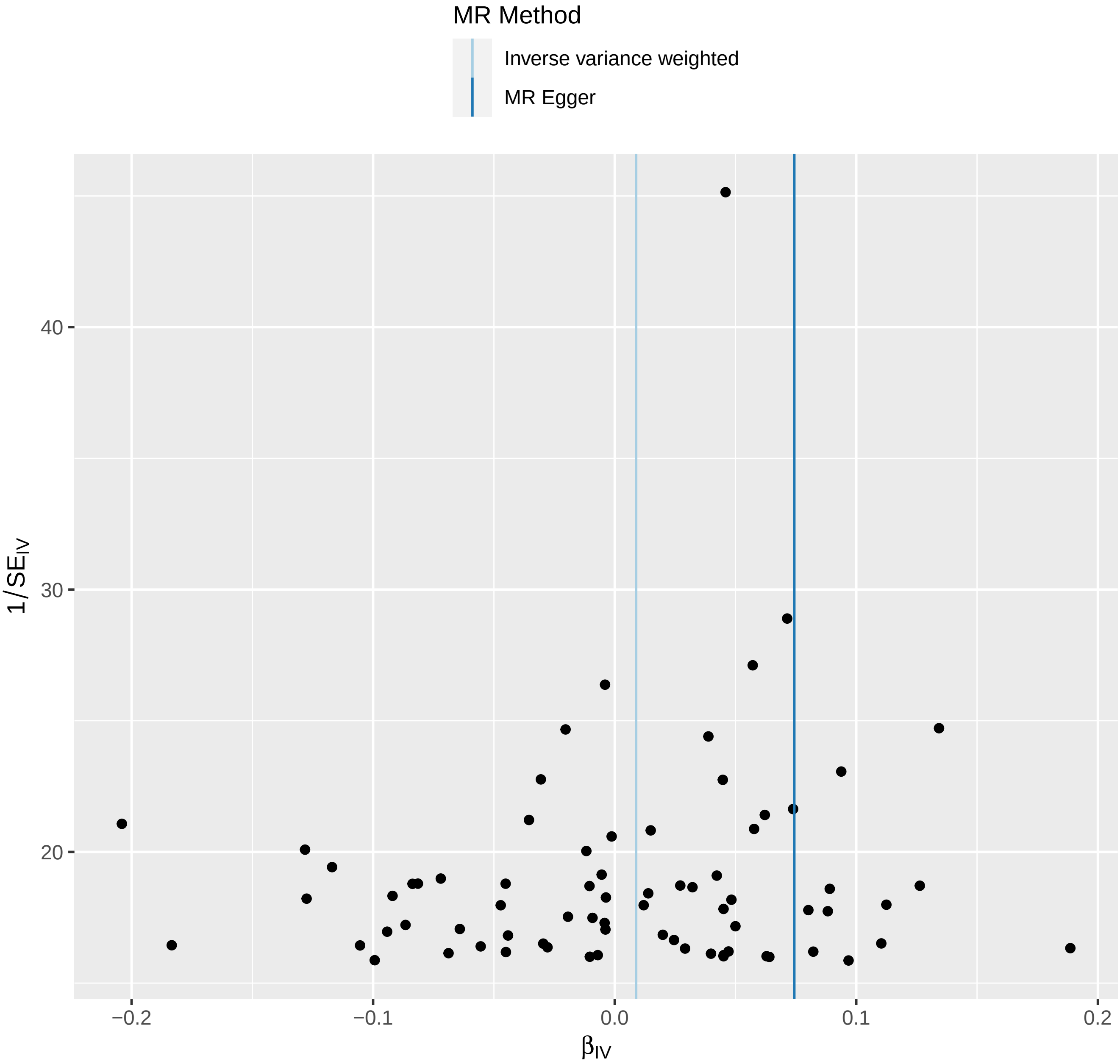

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
β$_{IV}$

IDLTGpctpercenttxt

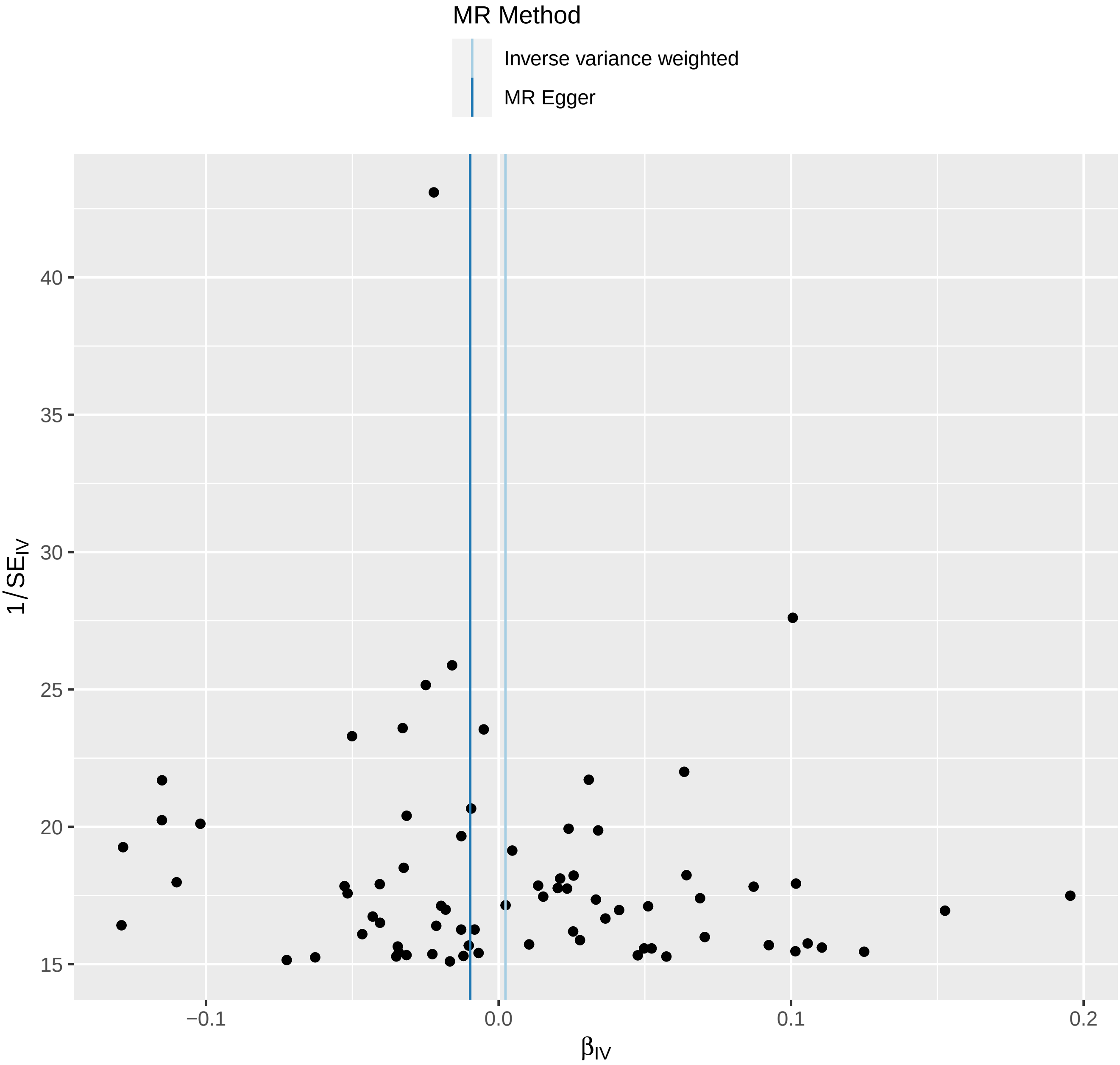



IDLTGtxt
MR Method
Inverse variance weighted
MR Egger
1/$SE_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
$\beta_{IV}$

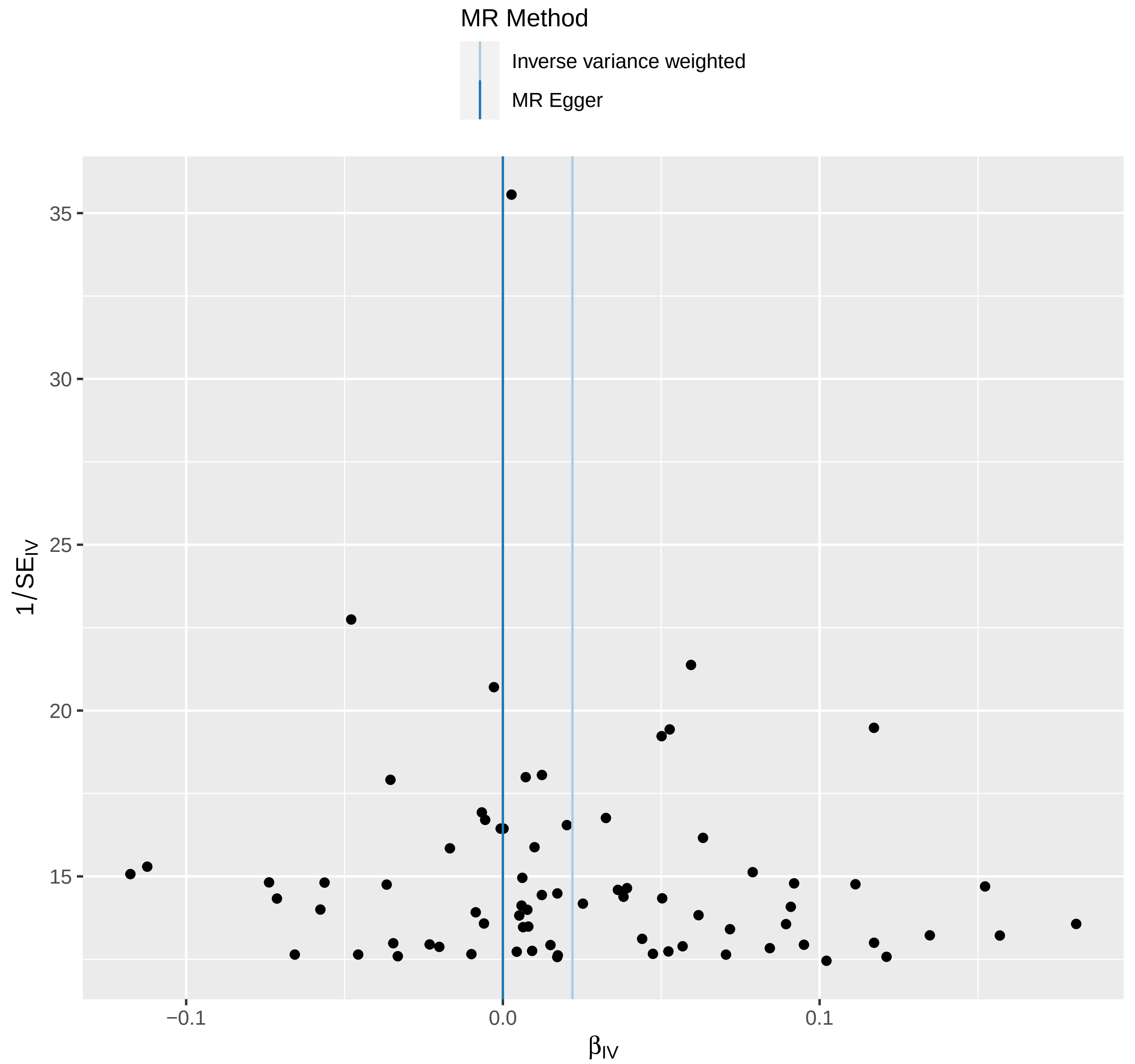
Iletxt


MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
0.2
β$_{IV}$

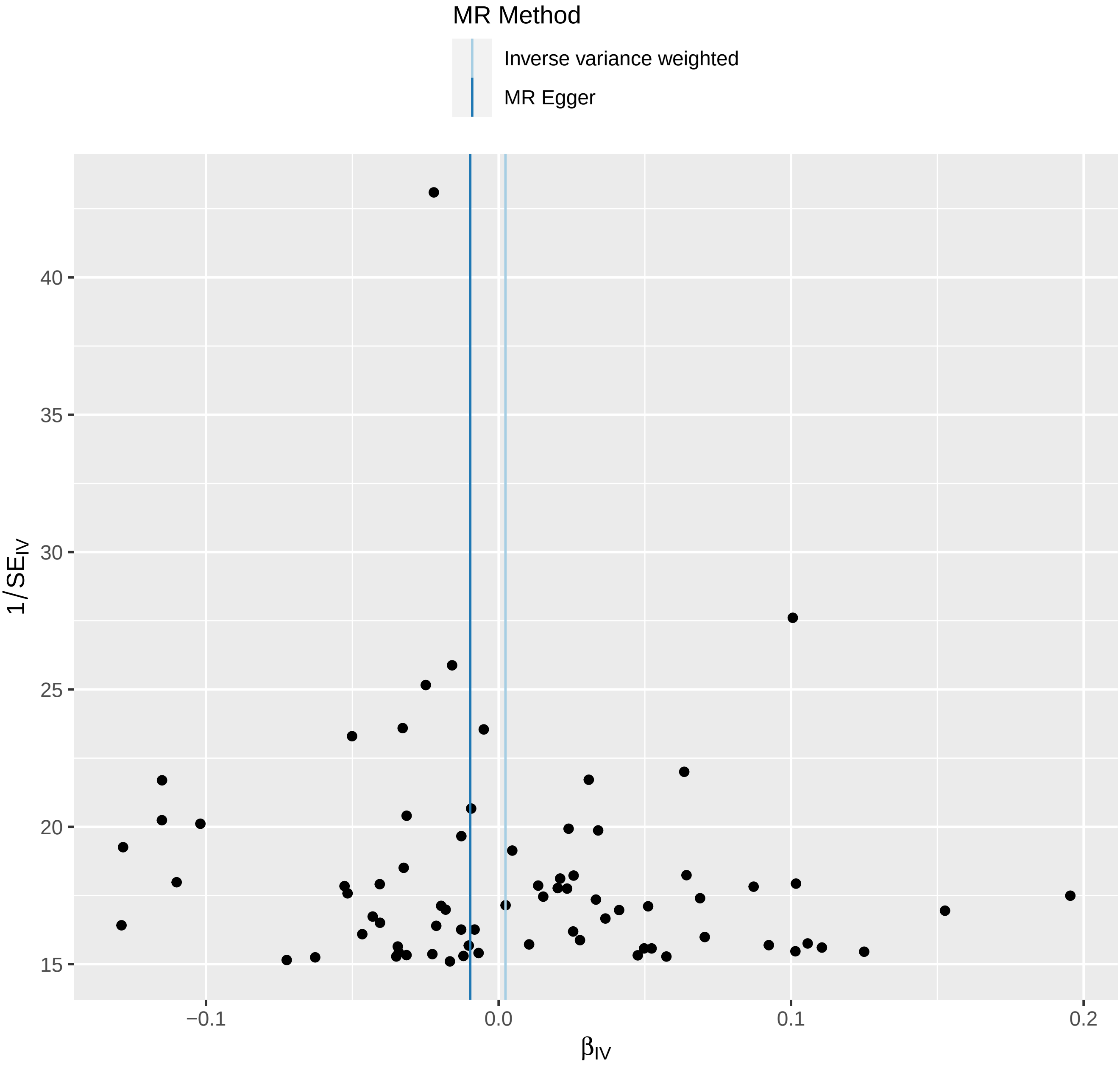
LAbyFAtxt


MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
35
30
25
20
15
−0.1
0.0
0.1
0.2
β_IV

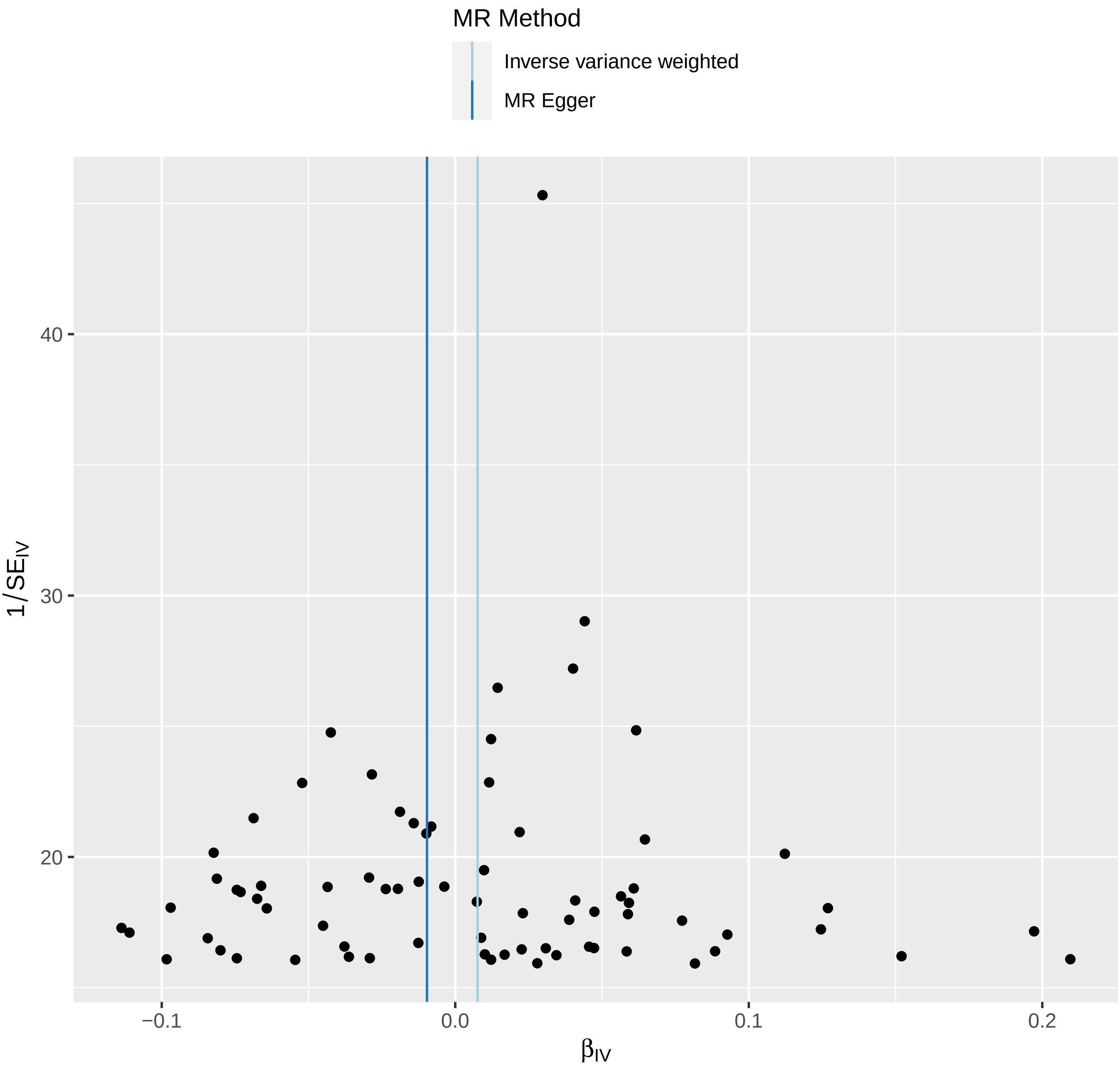
## Lactxt

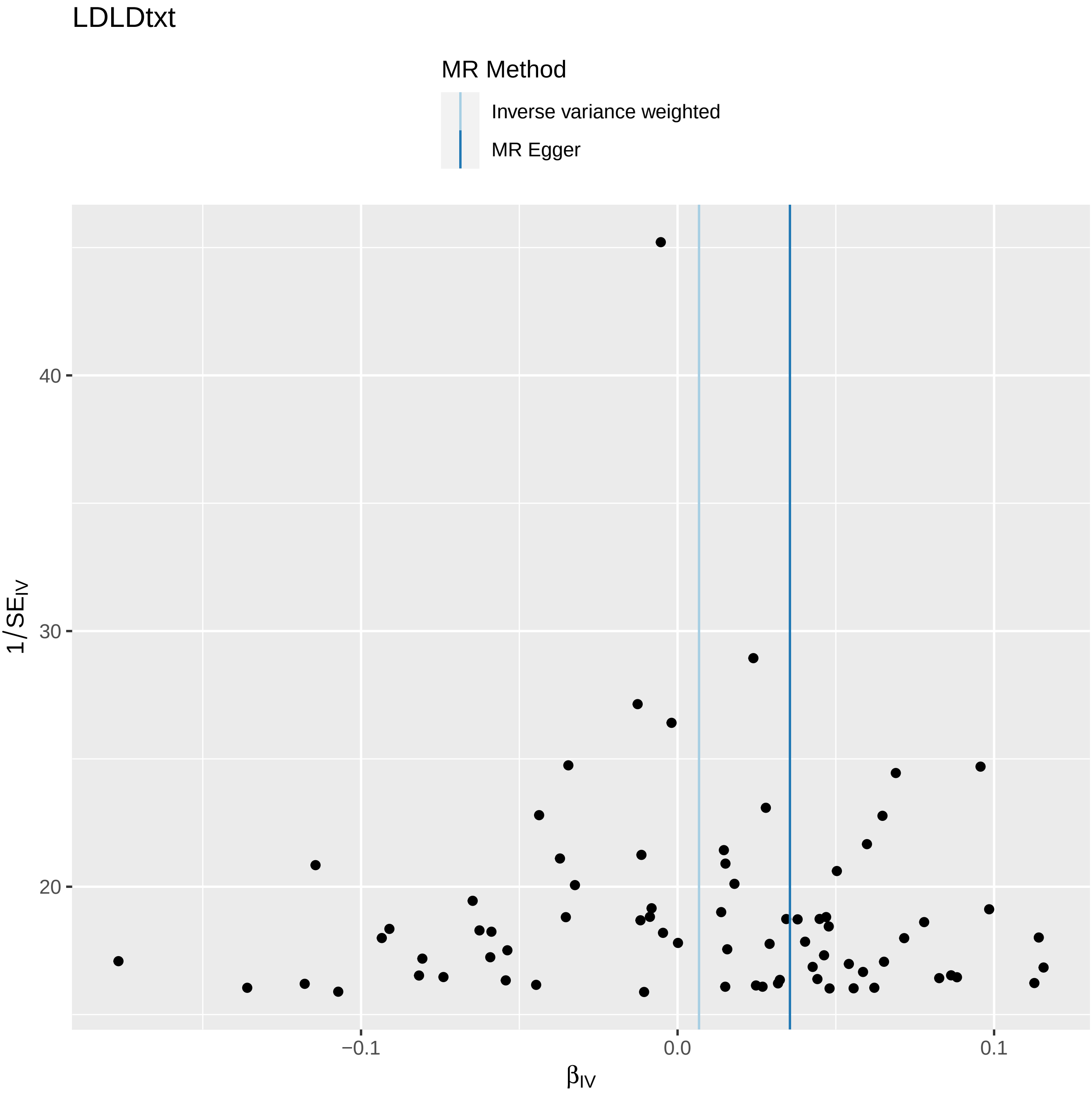

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
35
30
25
20
15
β$_{IV}$
−0.1
0.0
0.1

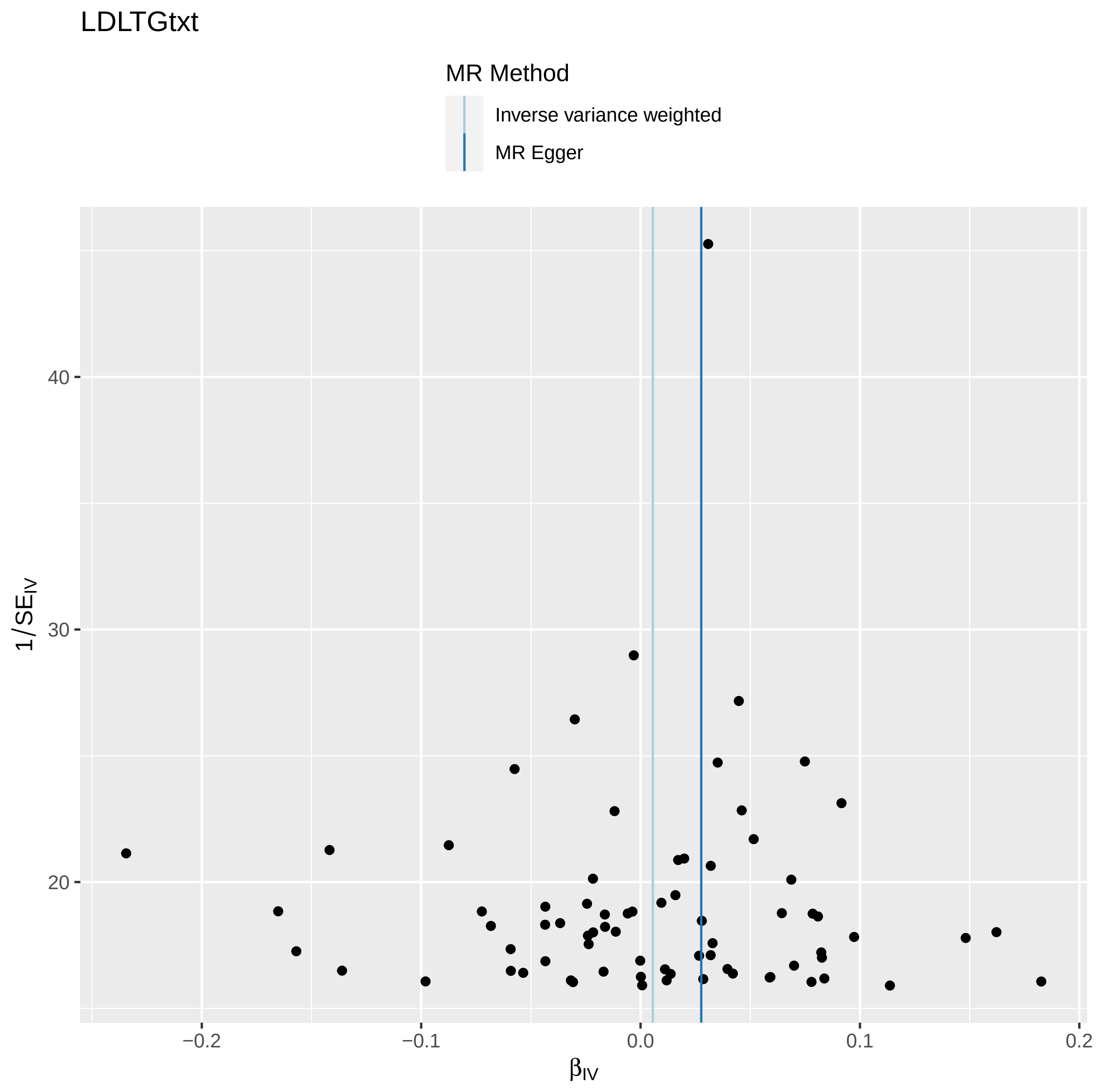
LAtxt


MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
35
30
25
20
15
−0.1
0.0
0.1
0.2
β$_{IV}$

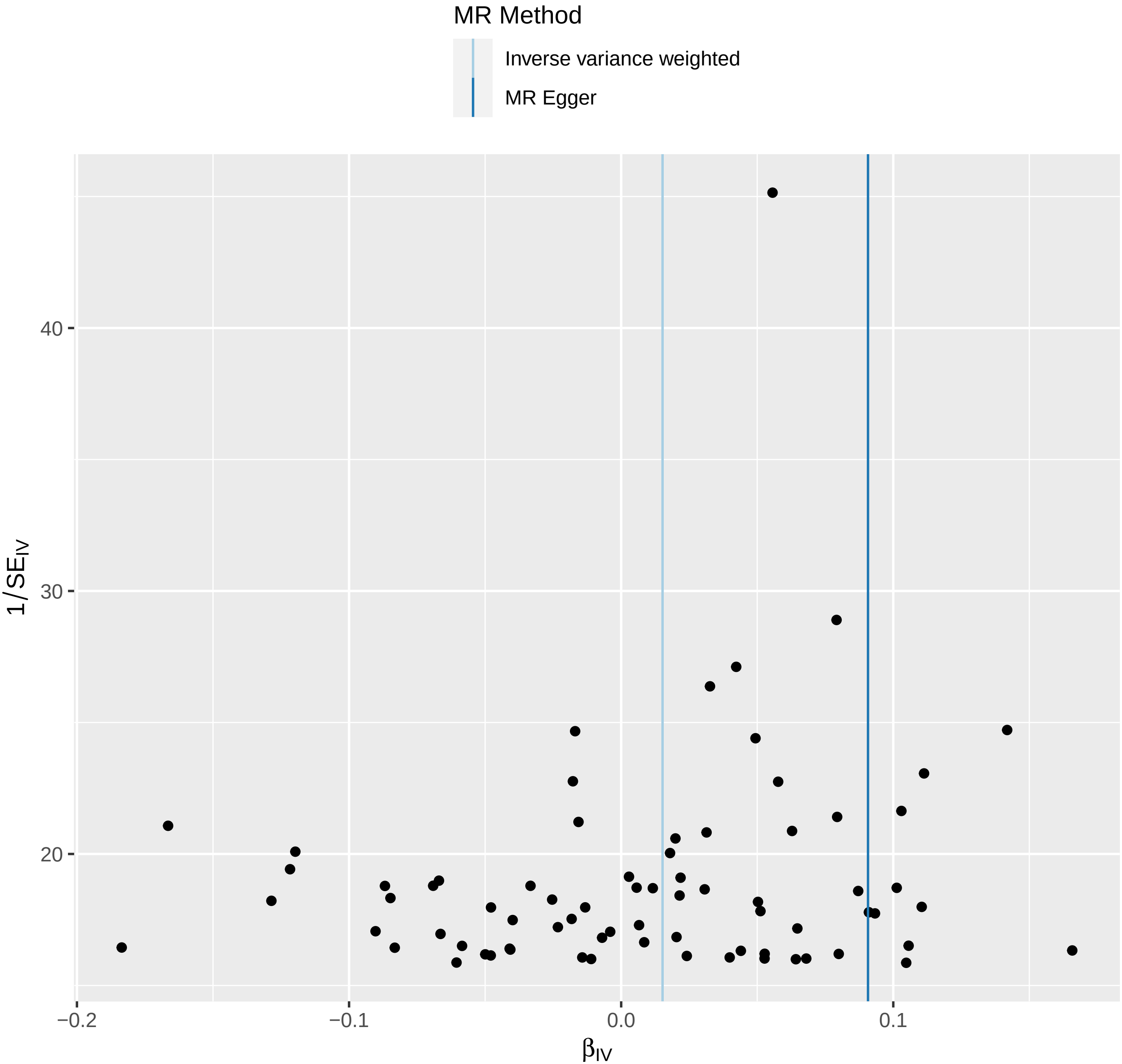
## LDLCtxt

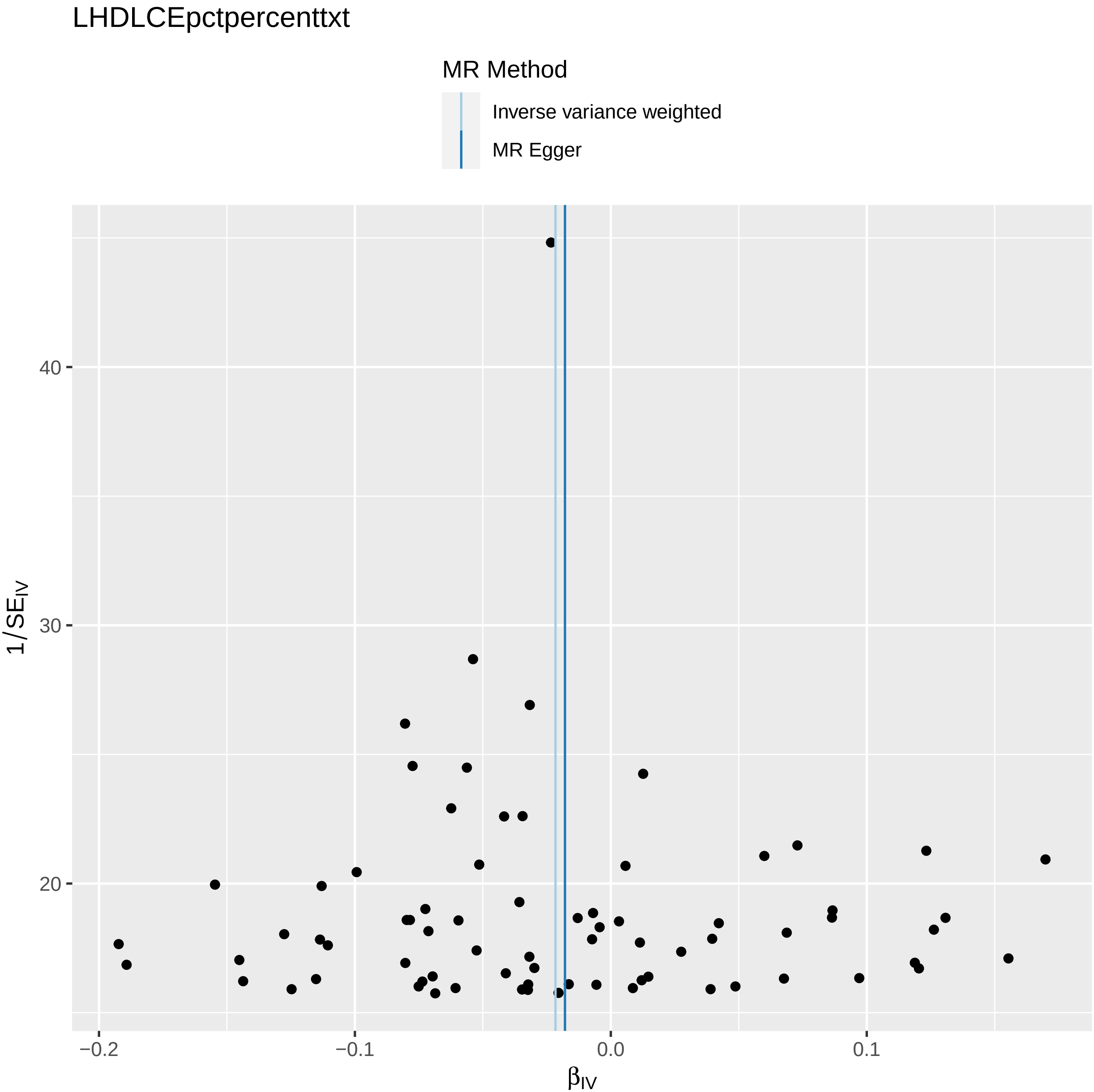

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
0.2
β$_{IV}$

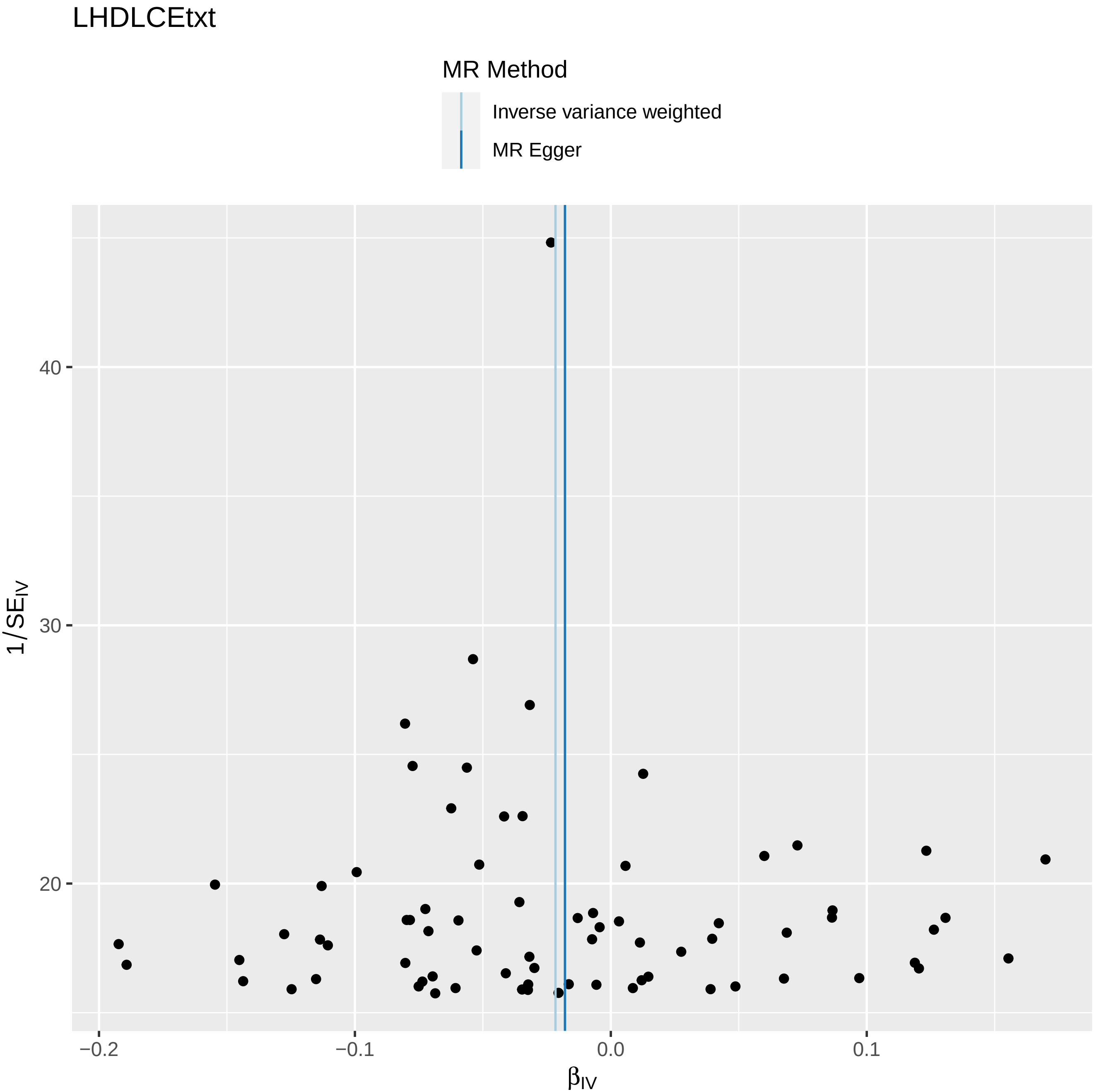

LDLDtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
β_IV


LDLTGtxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
30
20
−0.2
−0.1
0.0
0.1
0.2
β_IV

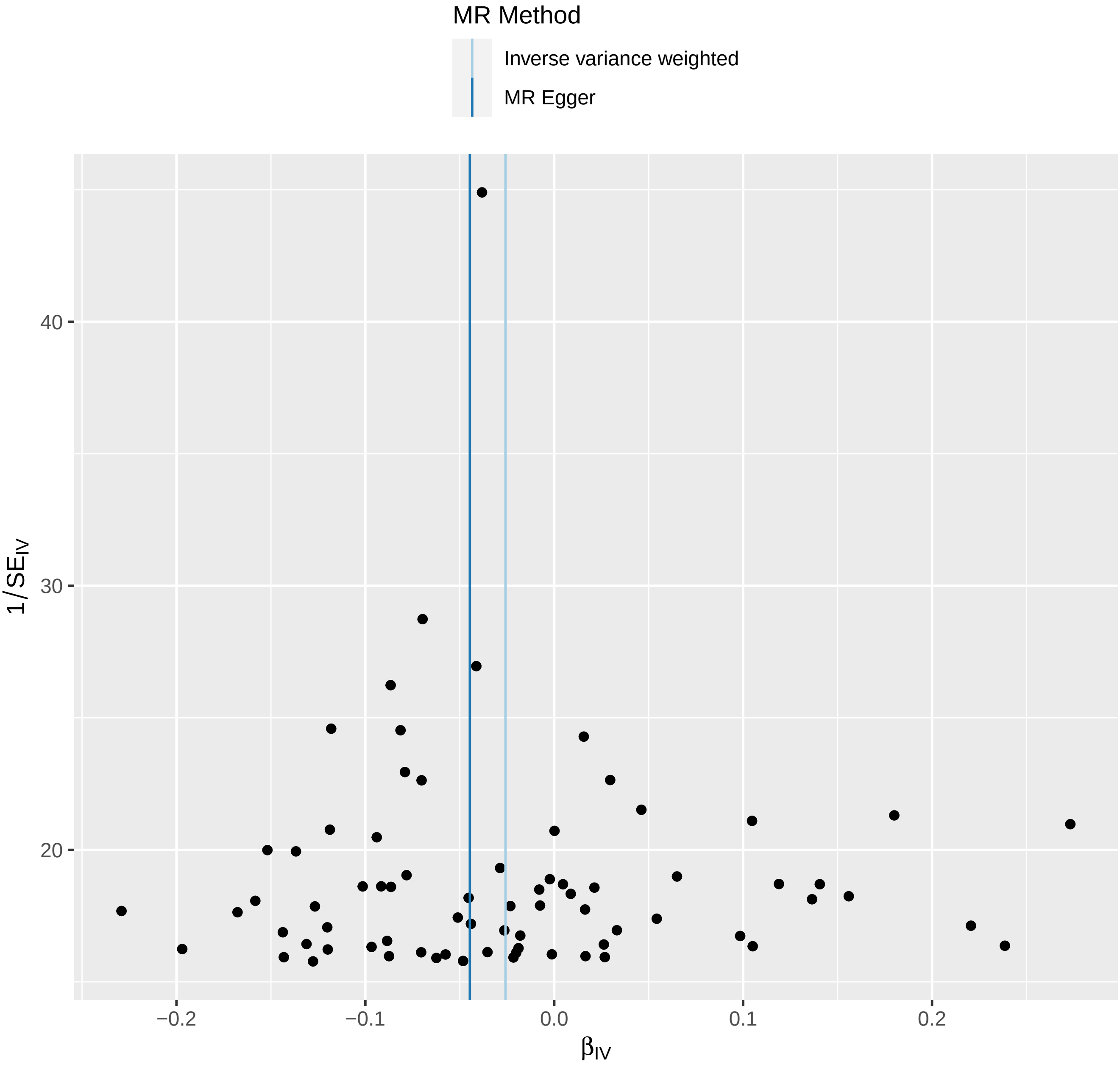
Leutxt

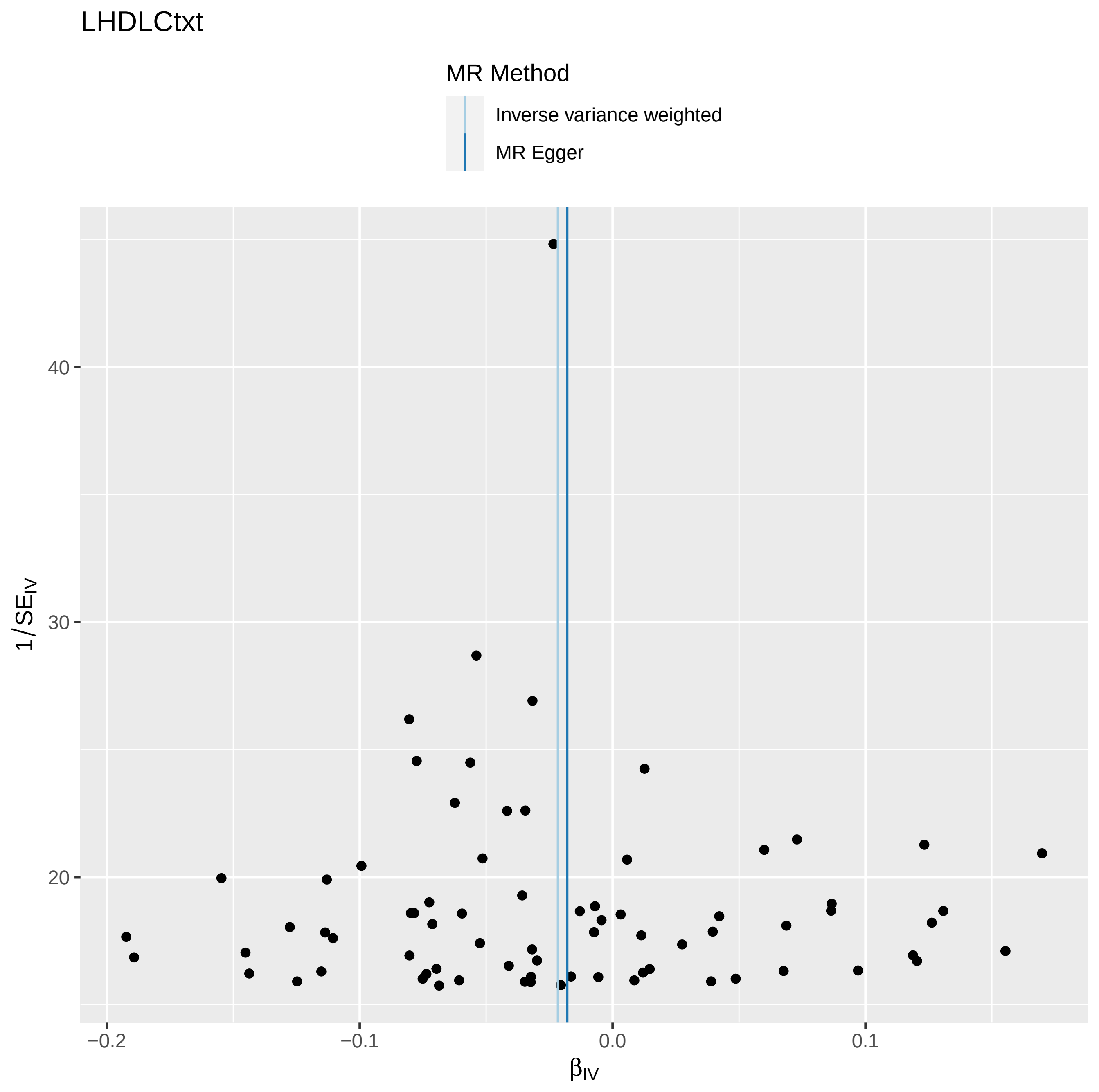

MR Method
Inverse variance weighted
MR Egger
1/$SE_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
$\beta_{IV}$

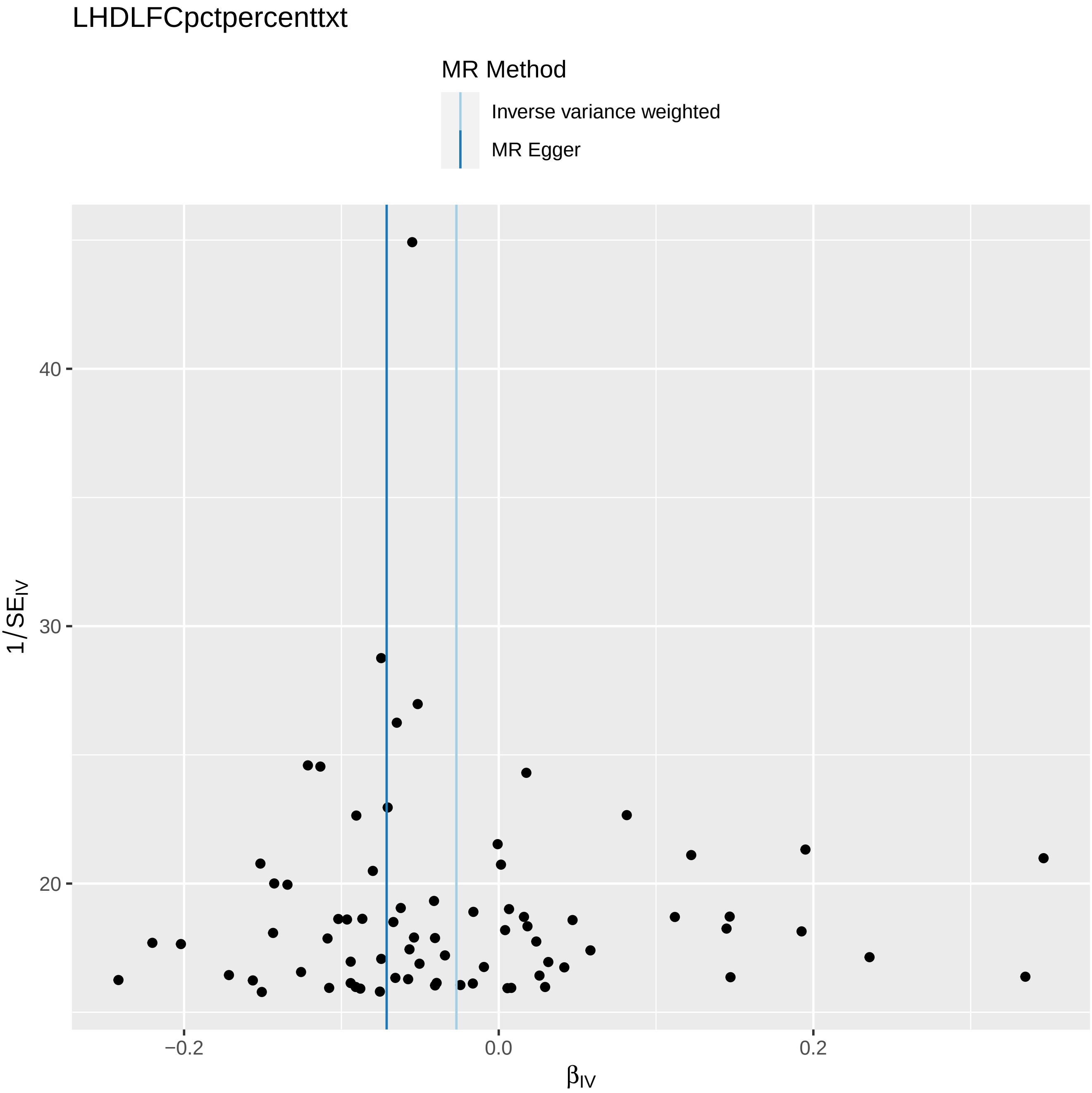

LHDLCEpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
$1/SE_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
$\beta_{IV}$

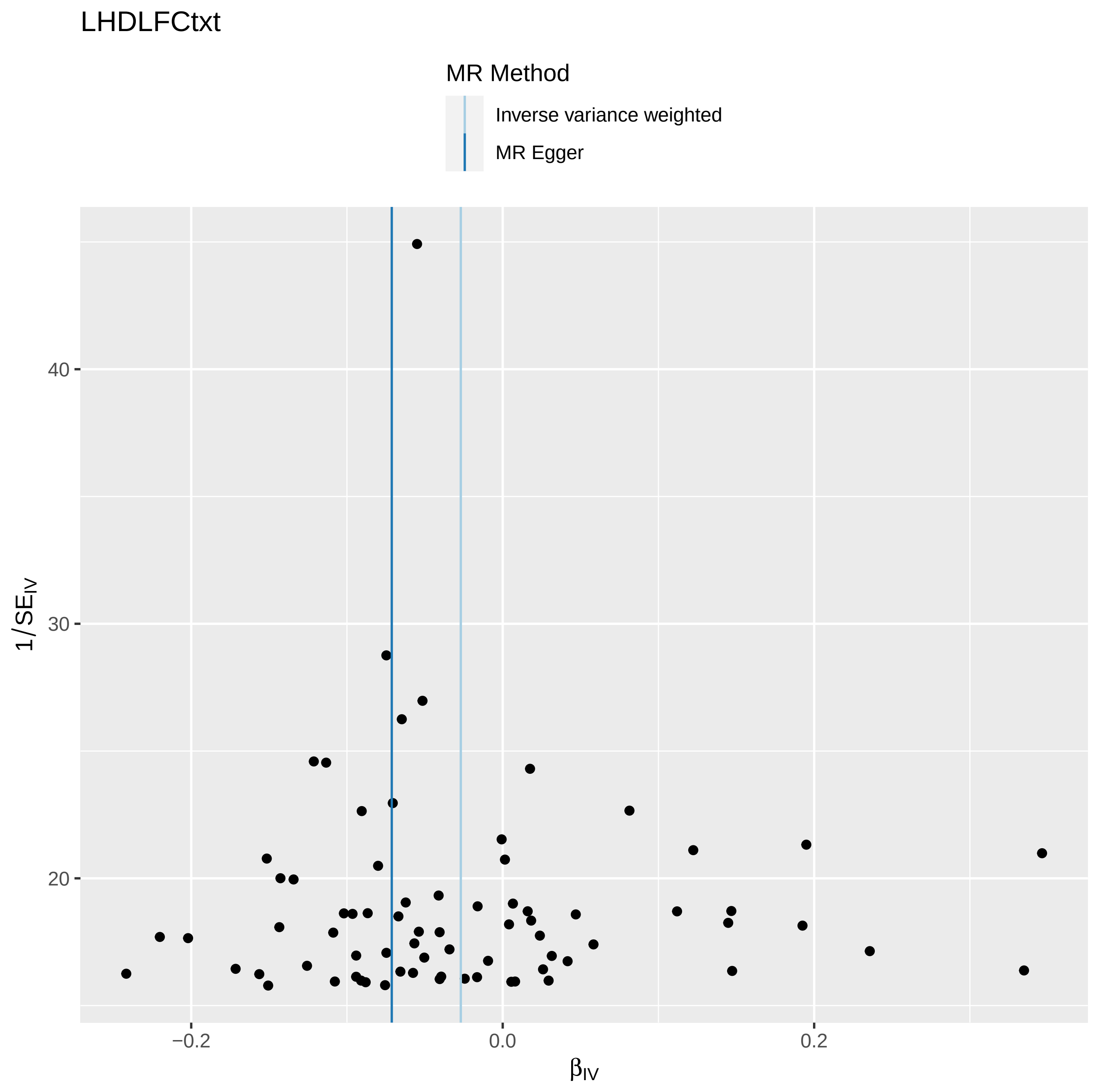

LHDLCEtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.2
−0.1
0.0
0.1
$\beta_{IV}$

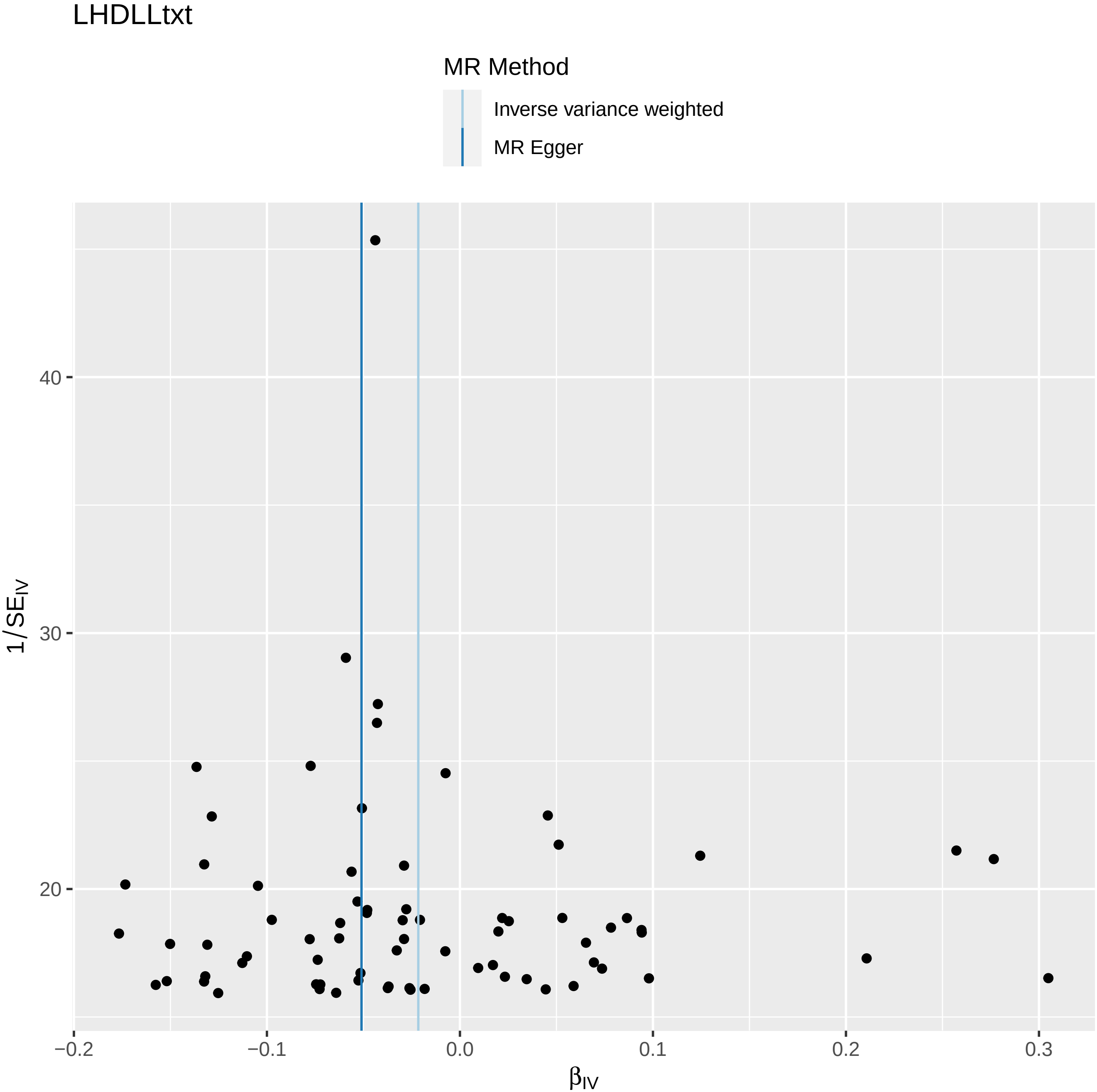
LHDLCpctpercenttxt




LHDLCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.2
−0.1
0.0
0.1
$\beta_{IV}$


LHDLFCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
0.0
0.2
β$_{IV}$


LHDLFCtxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
30
20
−0.2
0.0
0.2
β_IV


LHDLLtxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
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30
20
−0.2
−0.1
0.0
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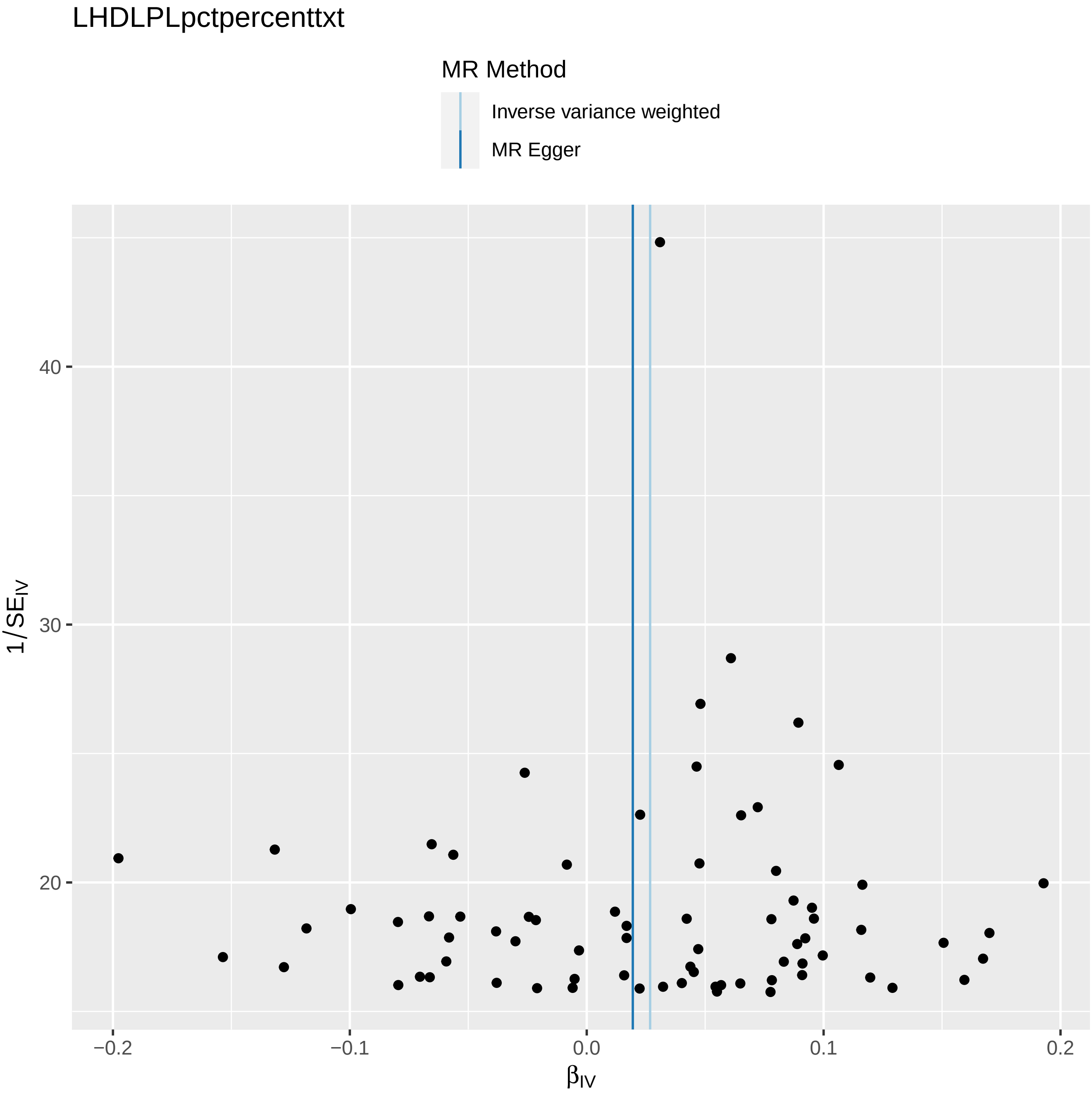
0.2
0.3
β_IV


LHDLPLpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
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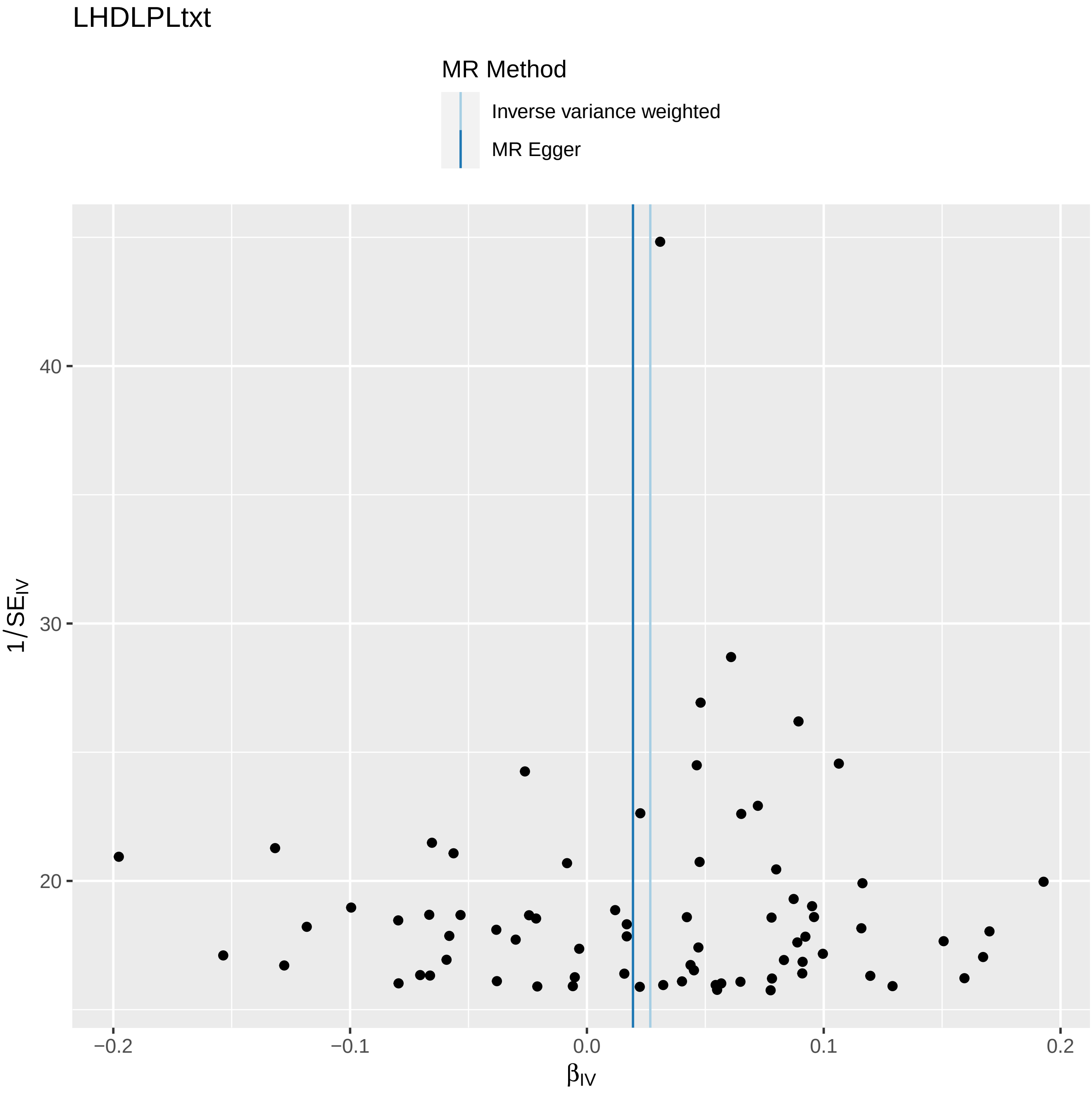
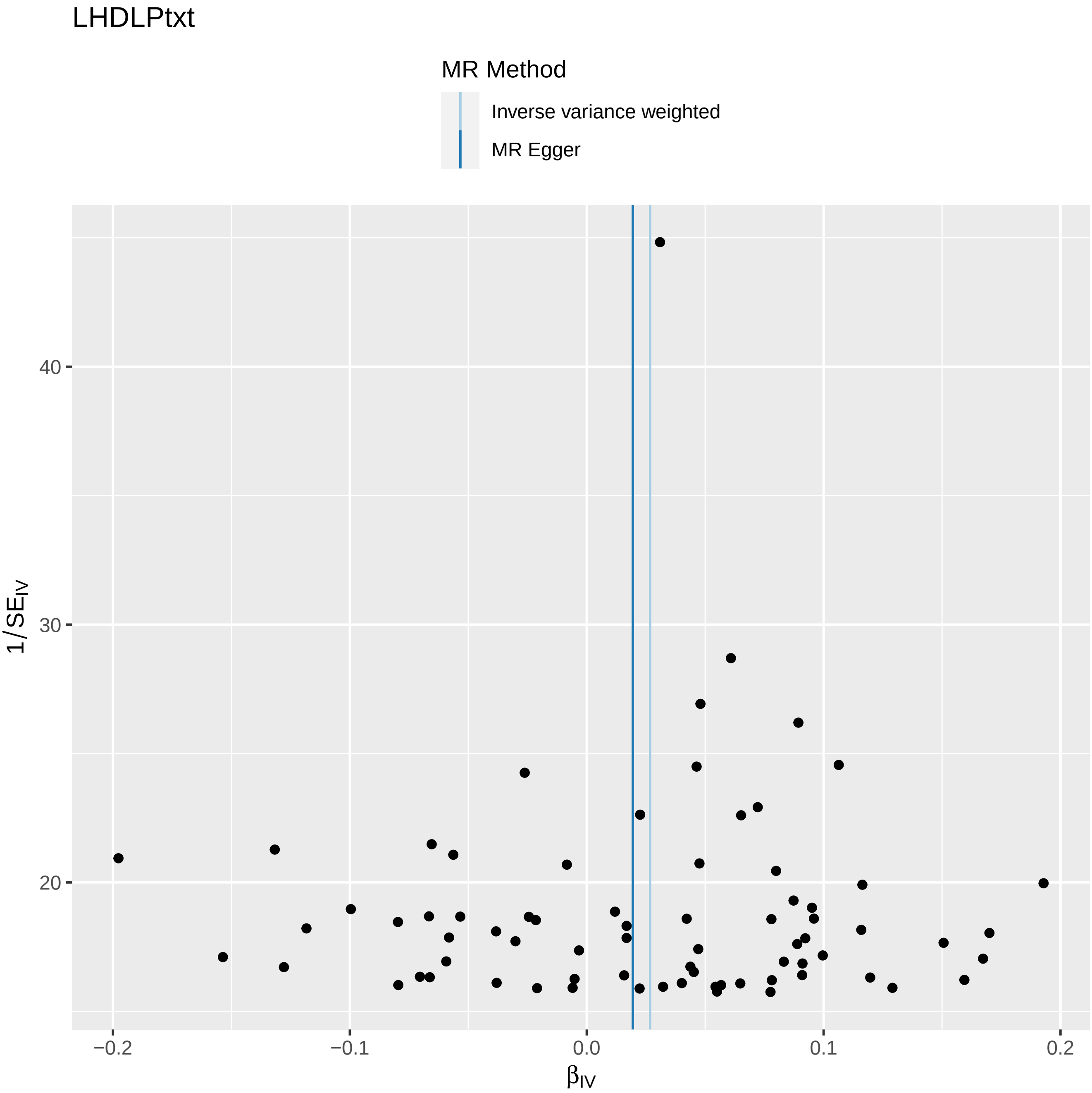
30
20
−0.2
−0.1
0.0
0.1
0.2
β_IV


LHDLPLtxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
30
20
−0.2
−0.1
0.0
0.1
0.2
β_IV


LHDLPtxt
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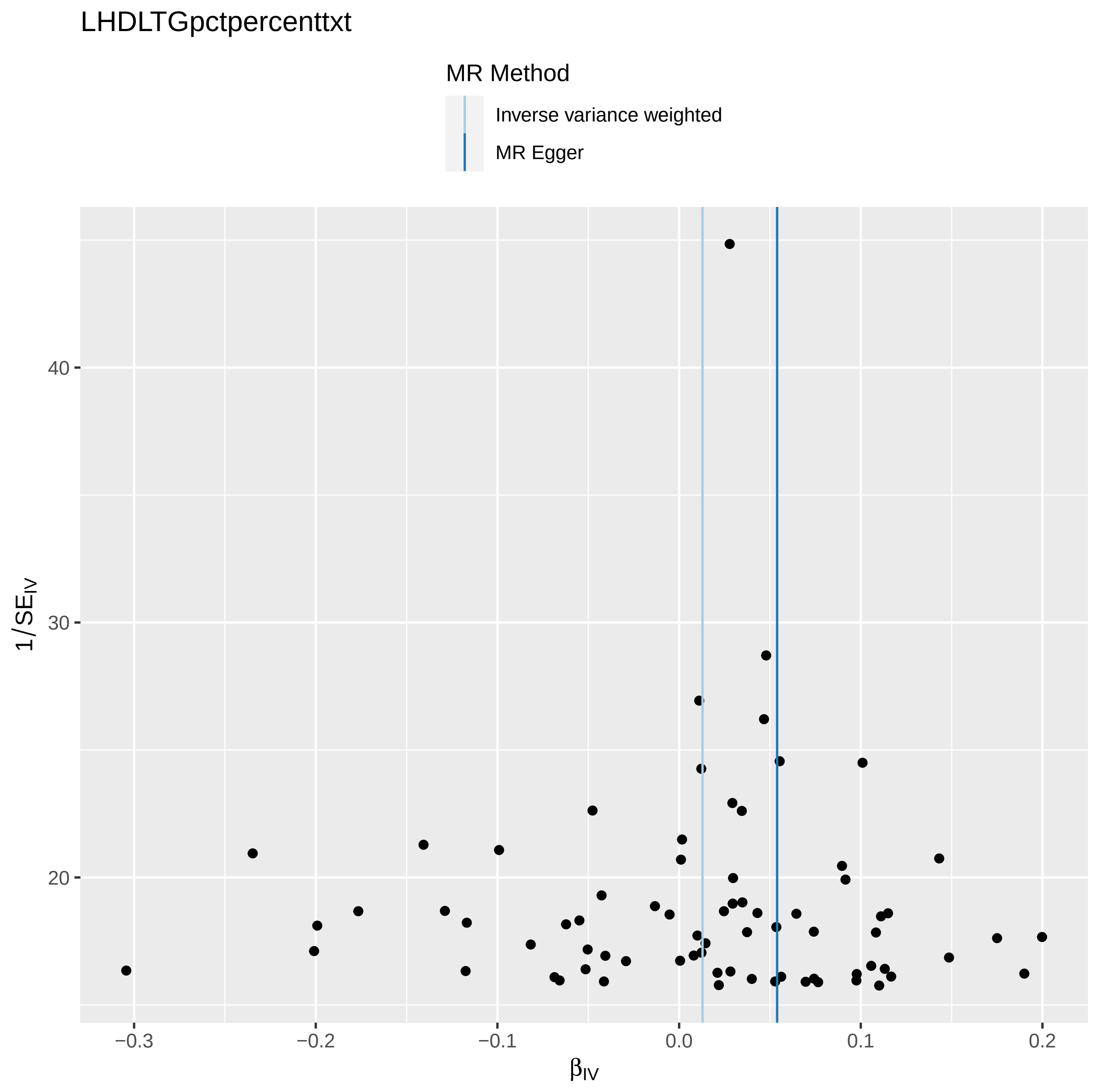
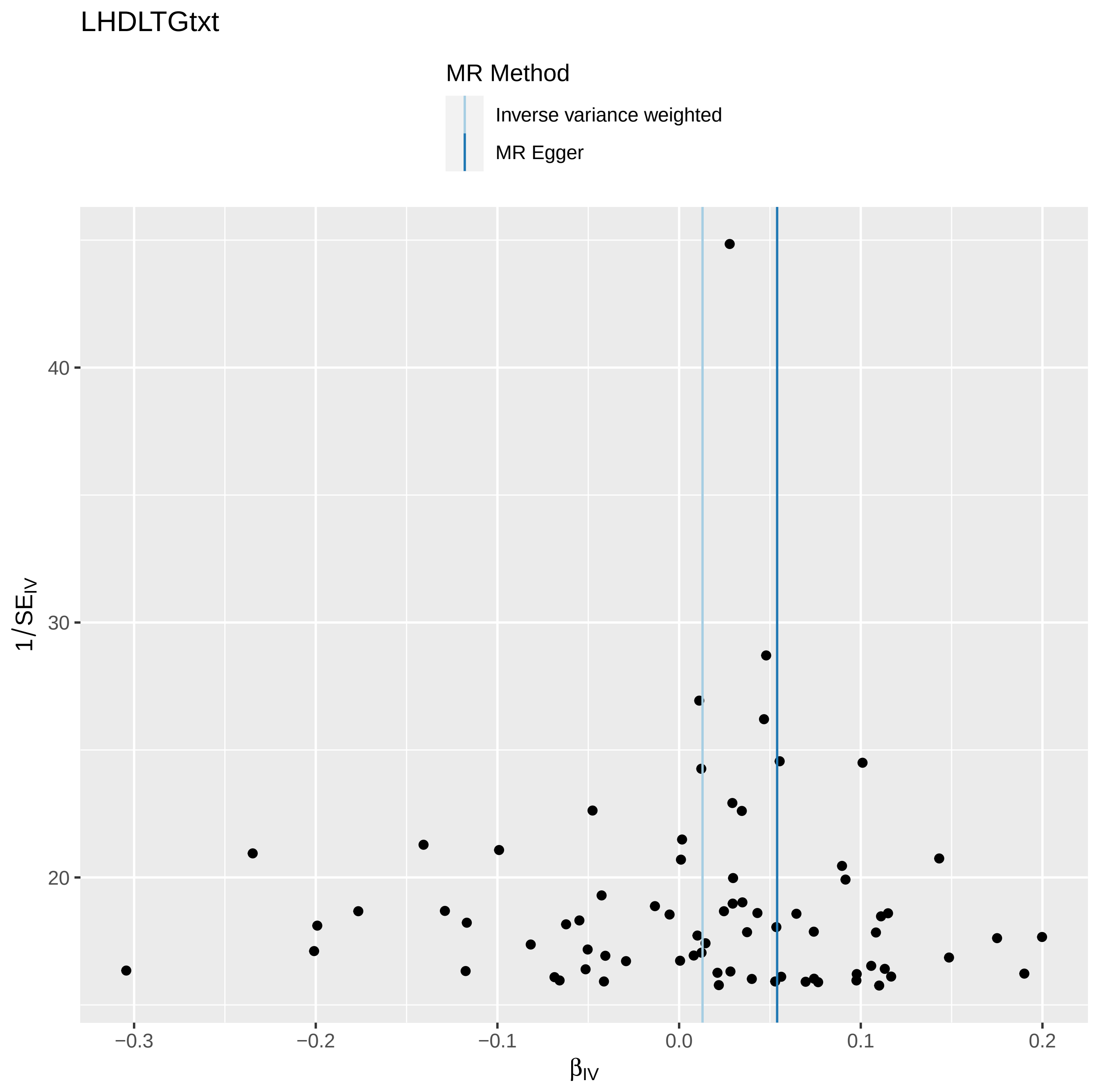
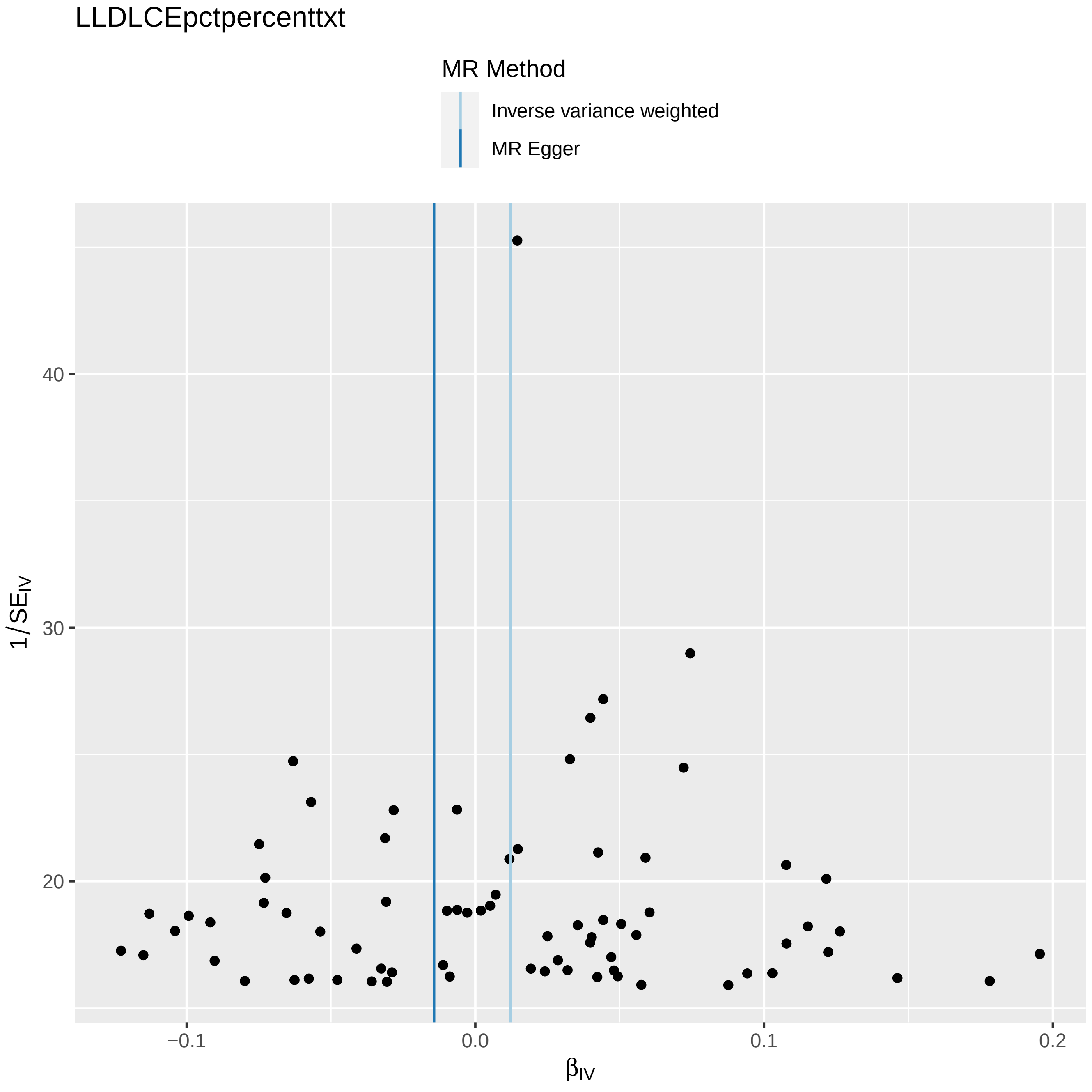
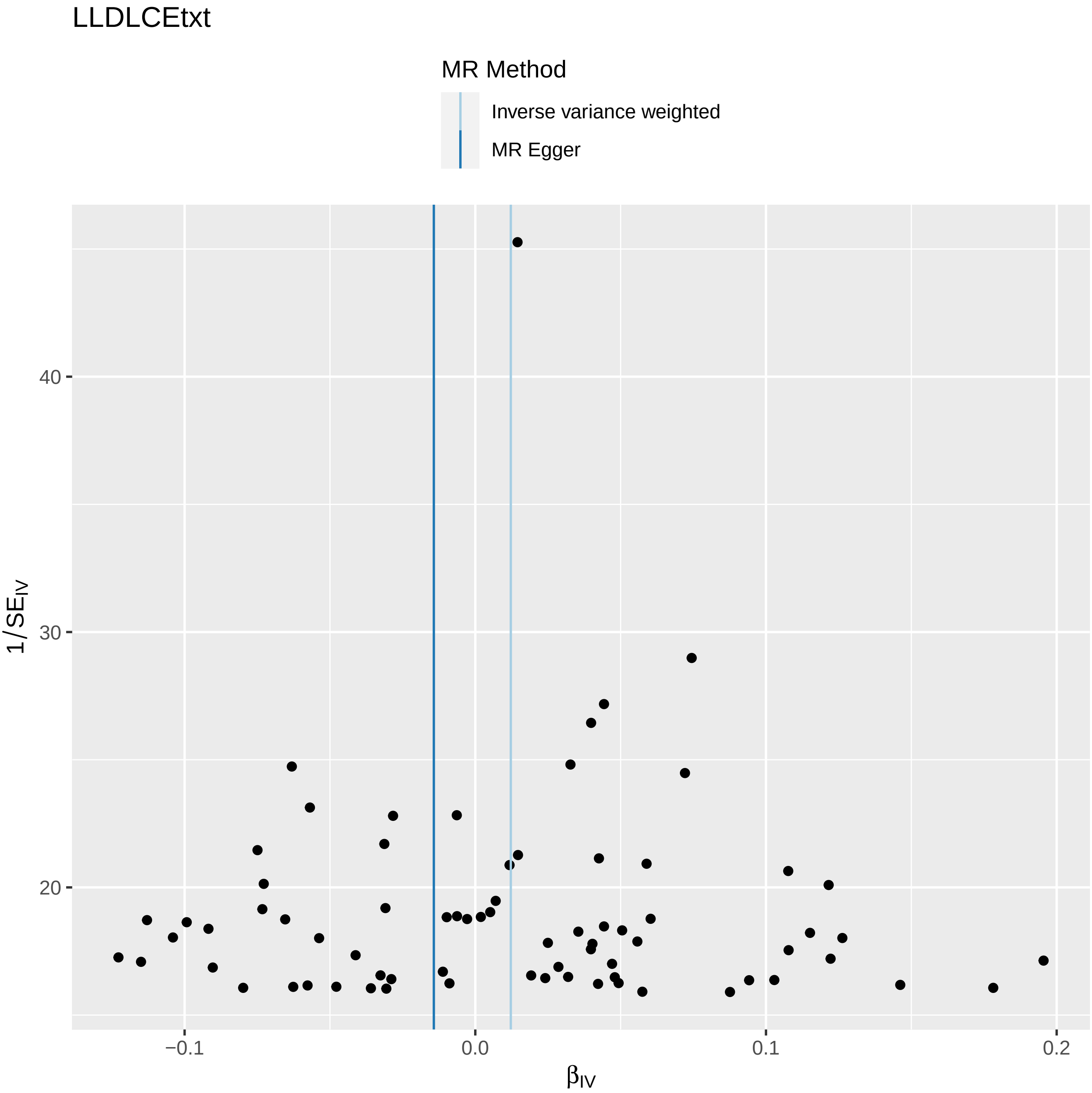
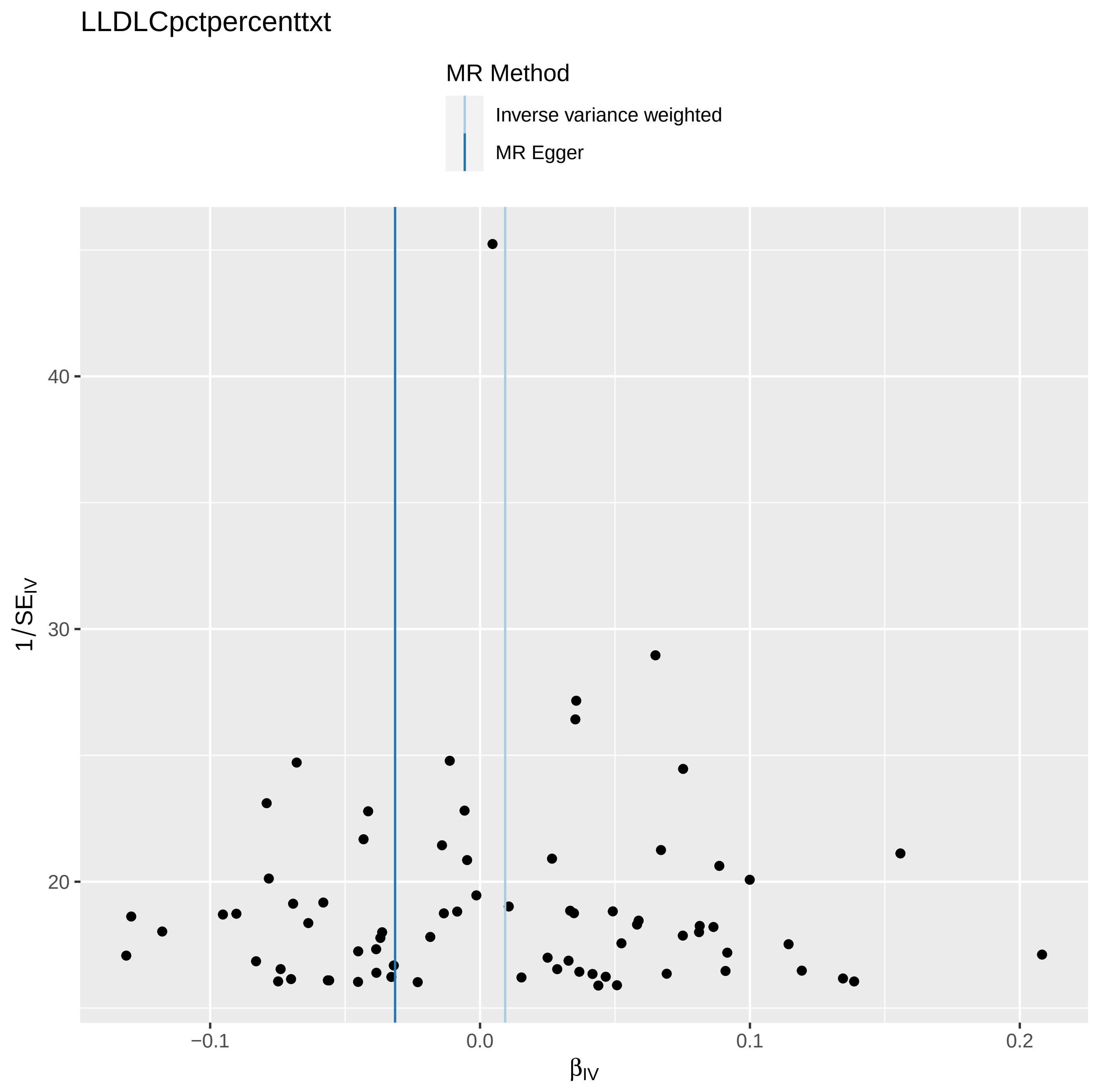
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.2
−0.1
0.0
0.1
0.2
β_IV

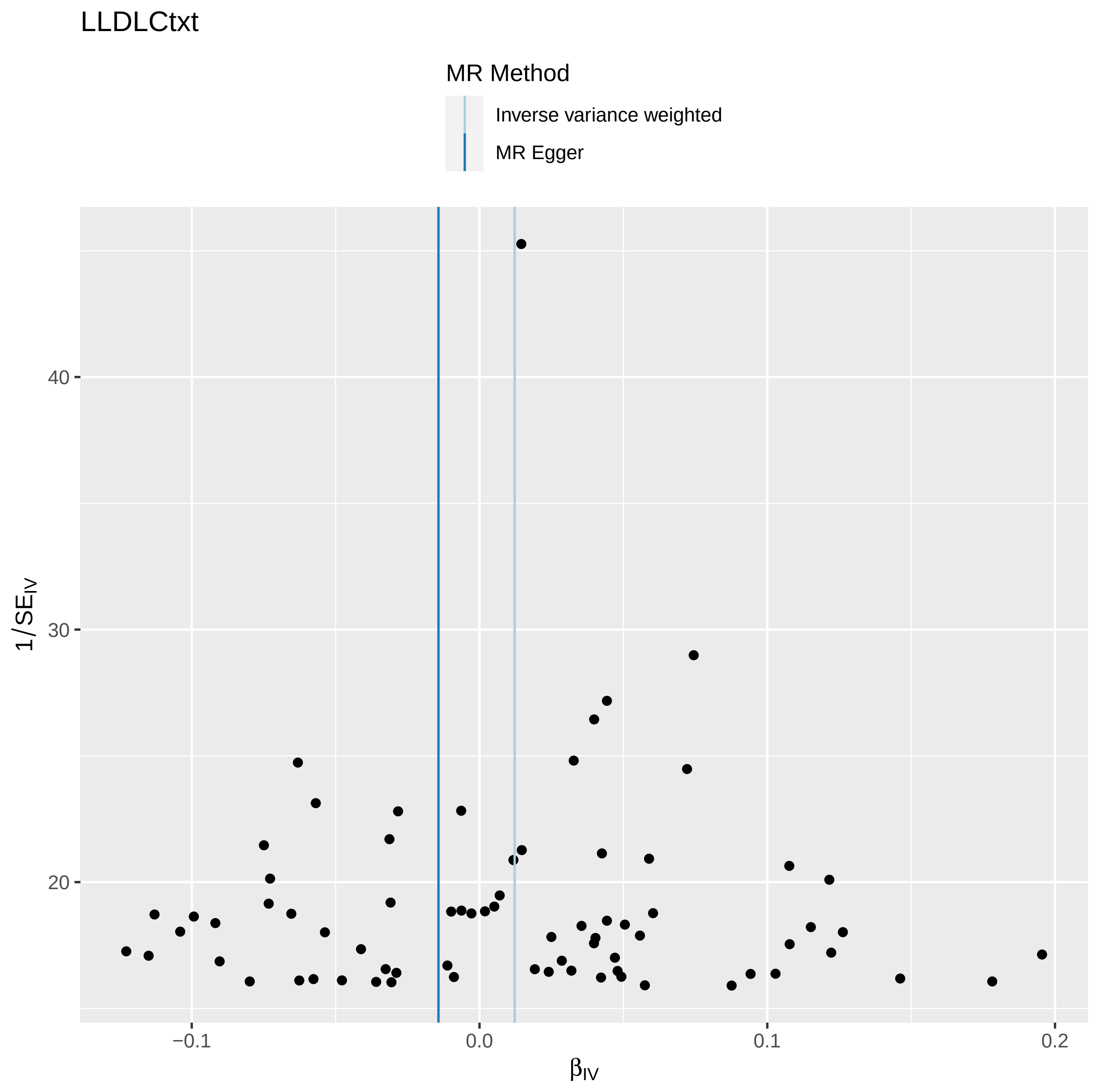

LHDLTGpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.3
−0.2
−0.1
0.0
0.1
0.2
β$_{IV}$


LHDLTGtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.3
−0.2
−0.1
0.0
0.1
0.2
β$_{IV}$


LLDLCEpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/$SE_{IV}$
40
30
20
$\beta_{IV}$
−0.1
0.0
0.1
0.2


LLDLCEtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.1
0.0
0.1
0.2
$\beta_{IV}$


LLDLCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV


LLDLCtxt
MR Method
Inverse variance weighted
MR Egger
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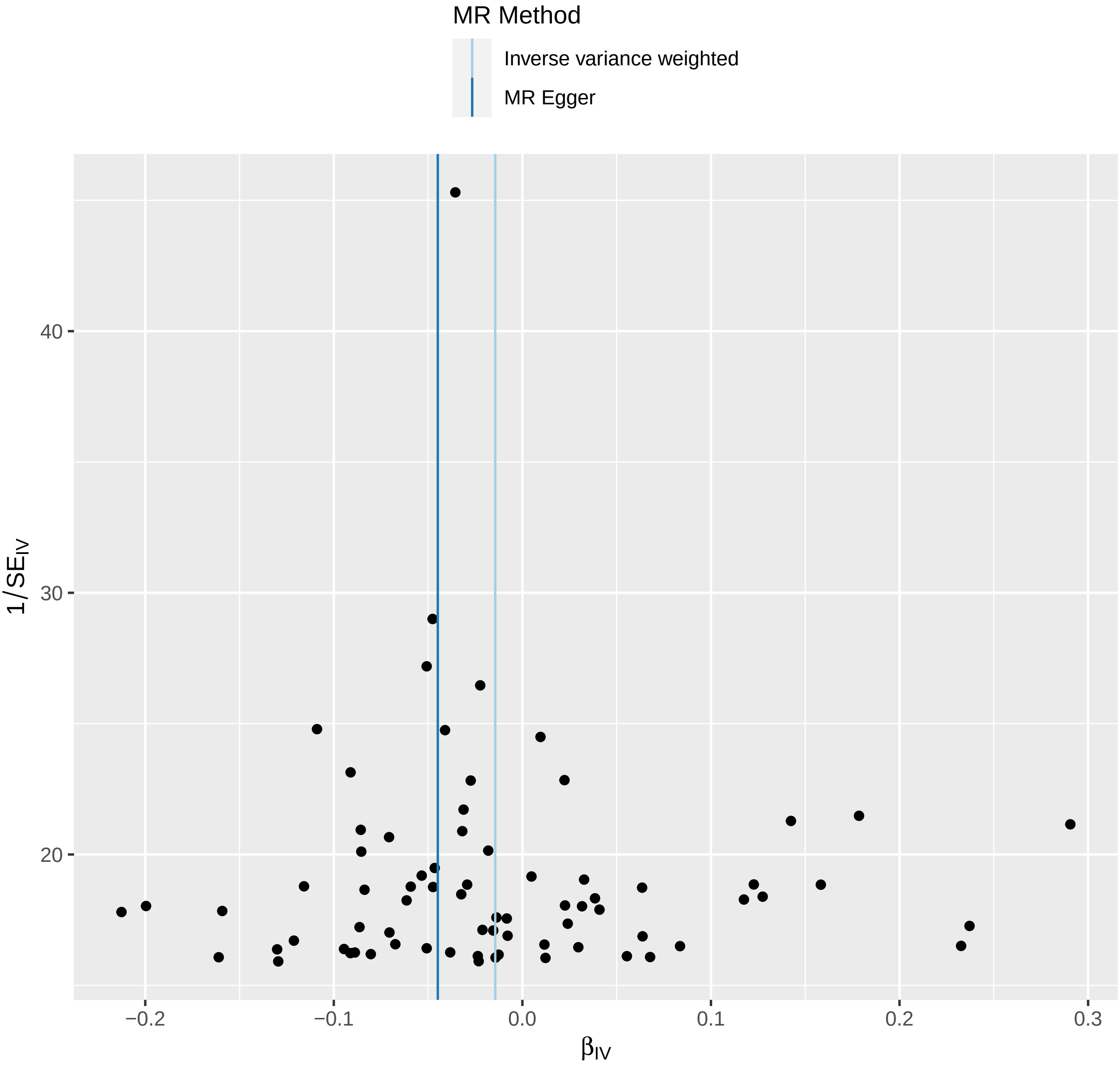
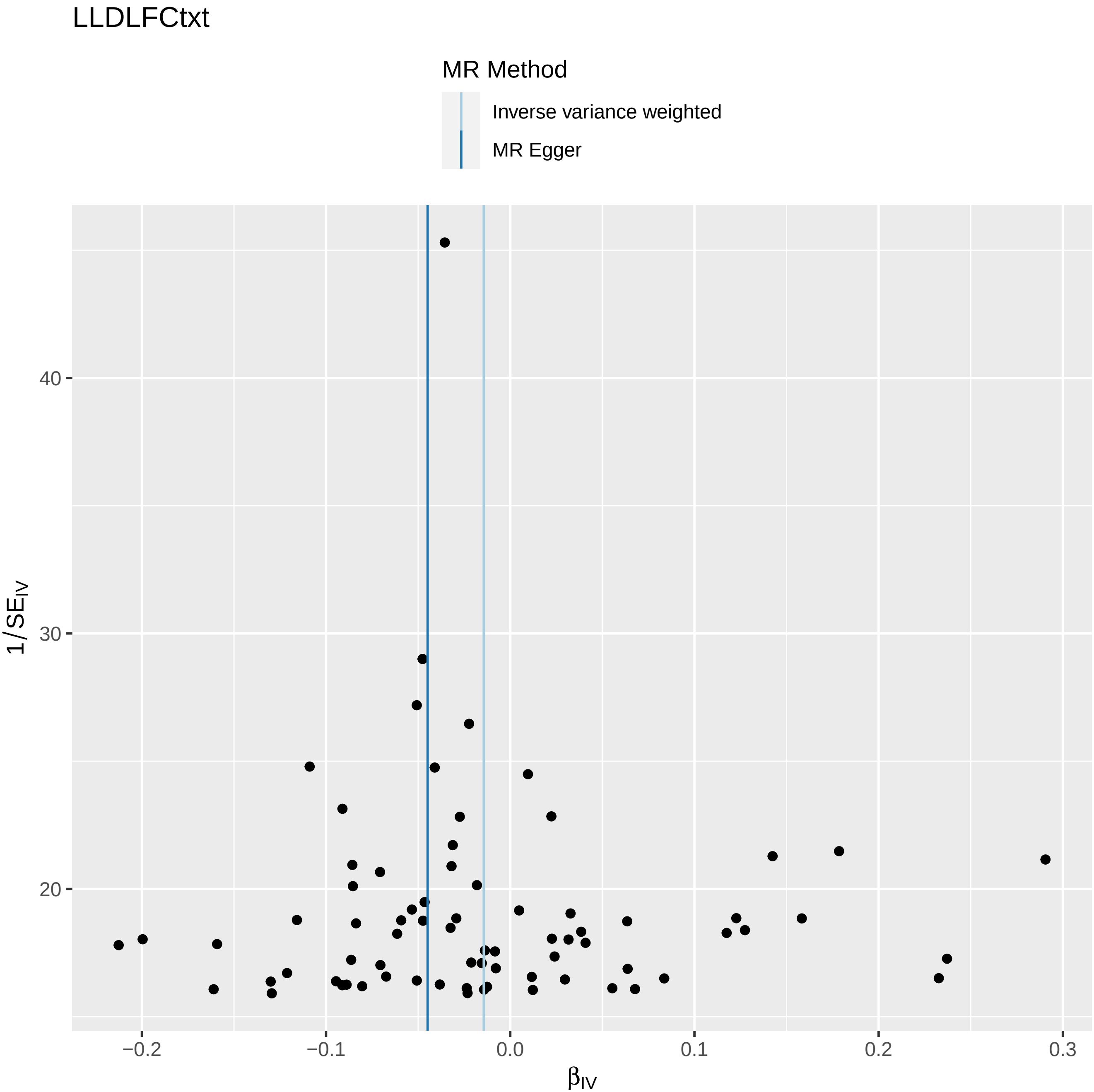
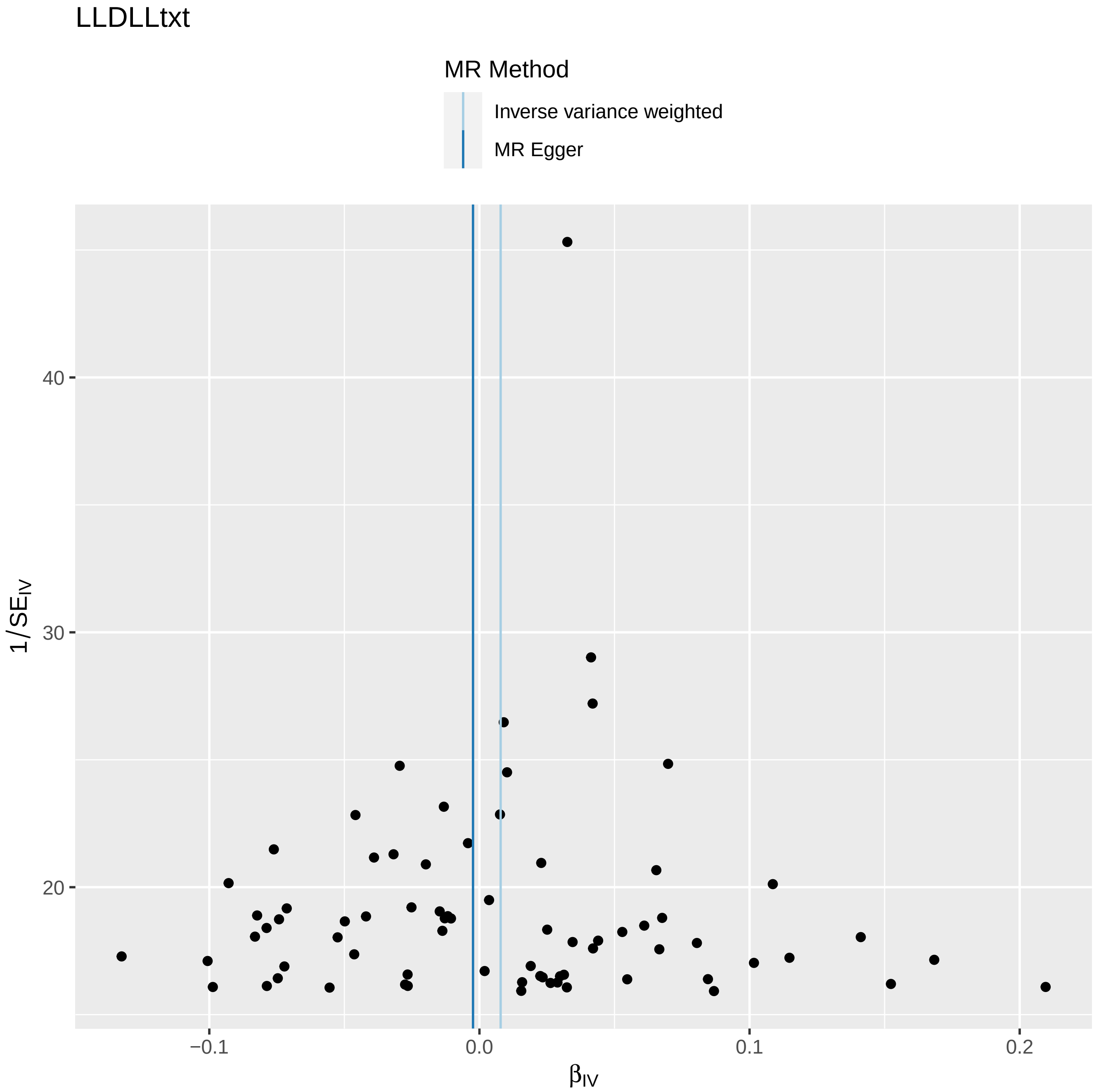
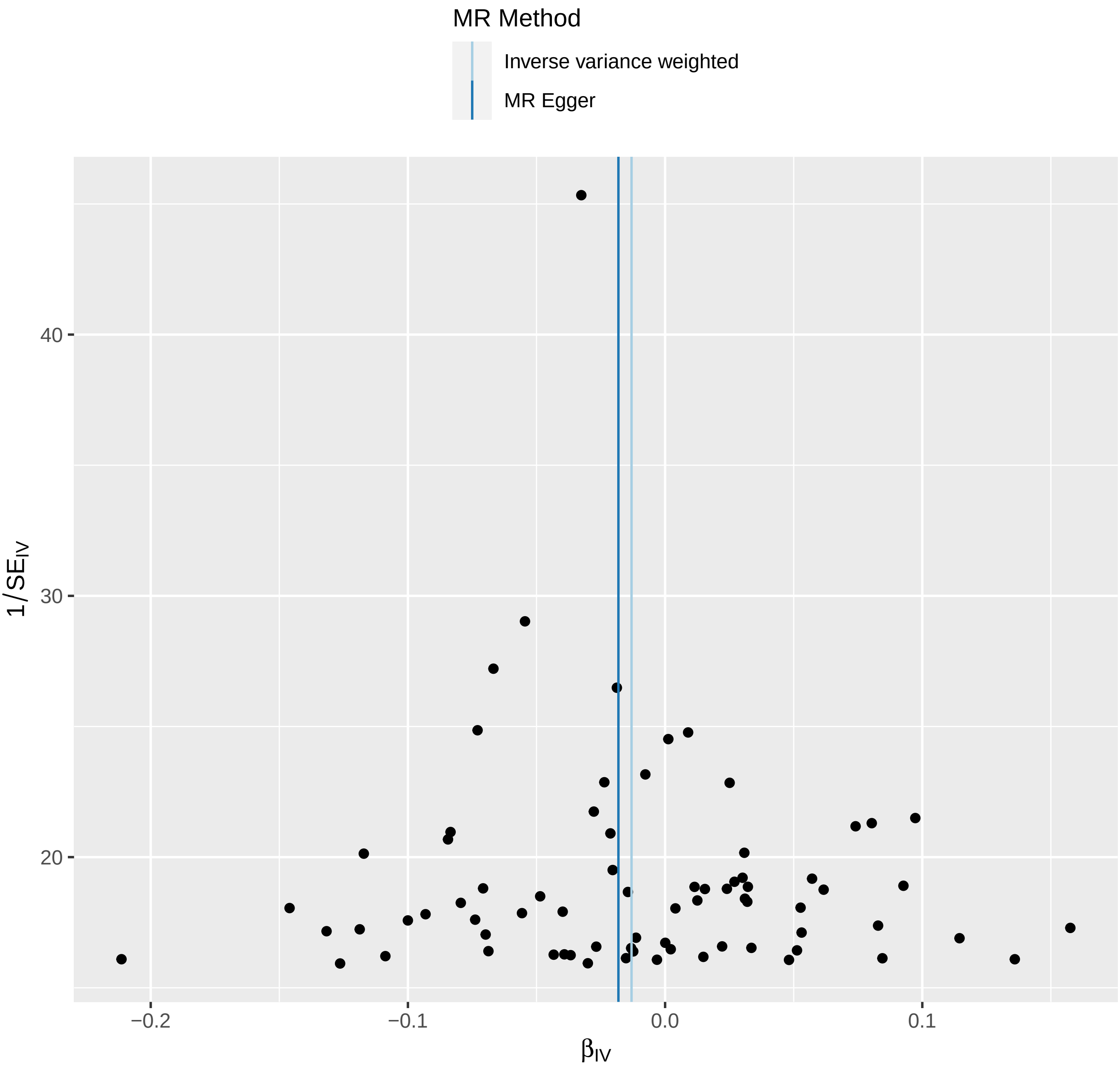
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
β$_{IV}$

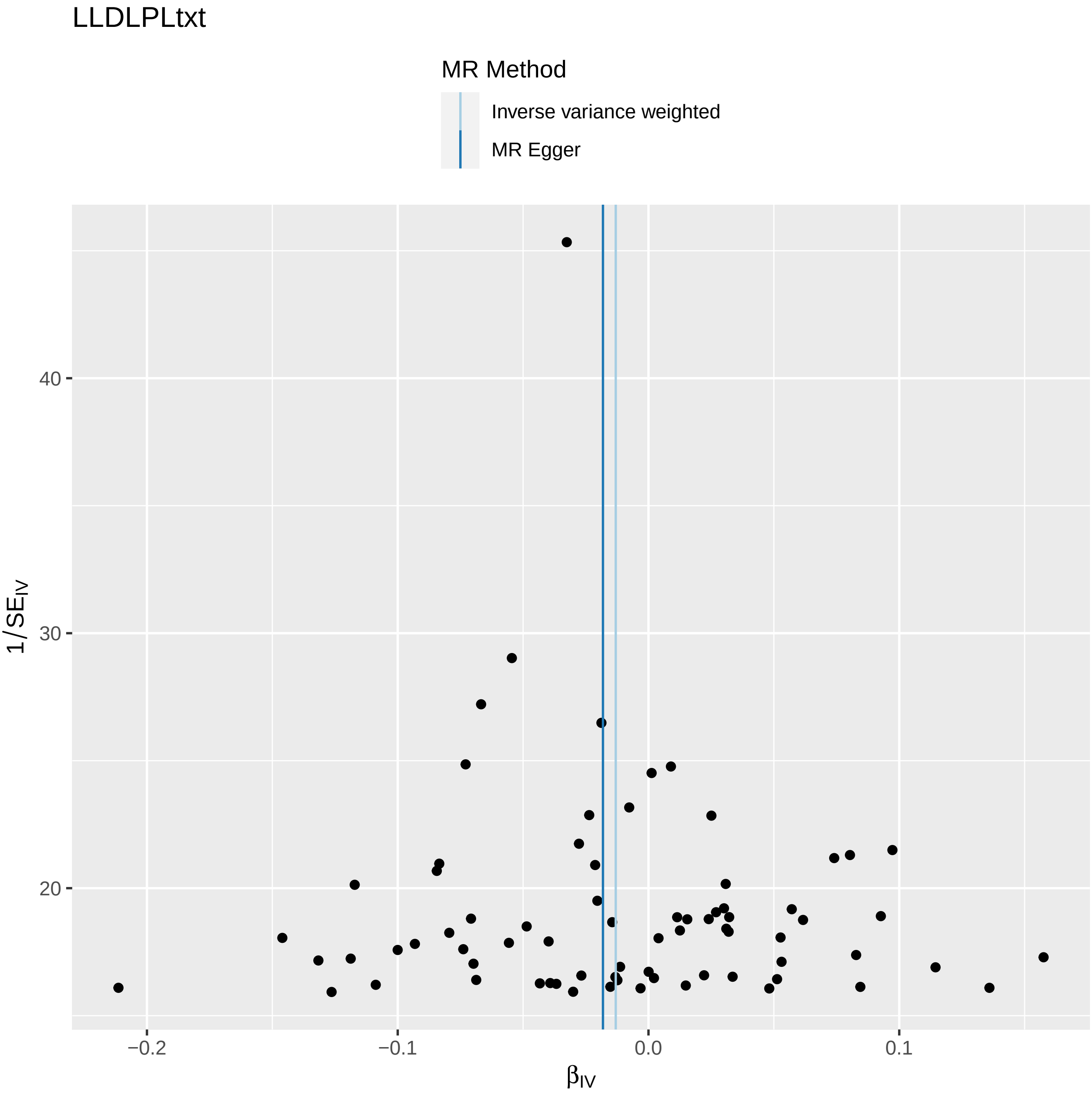
LLDLFCpctpercenttxt

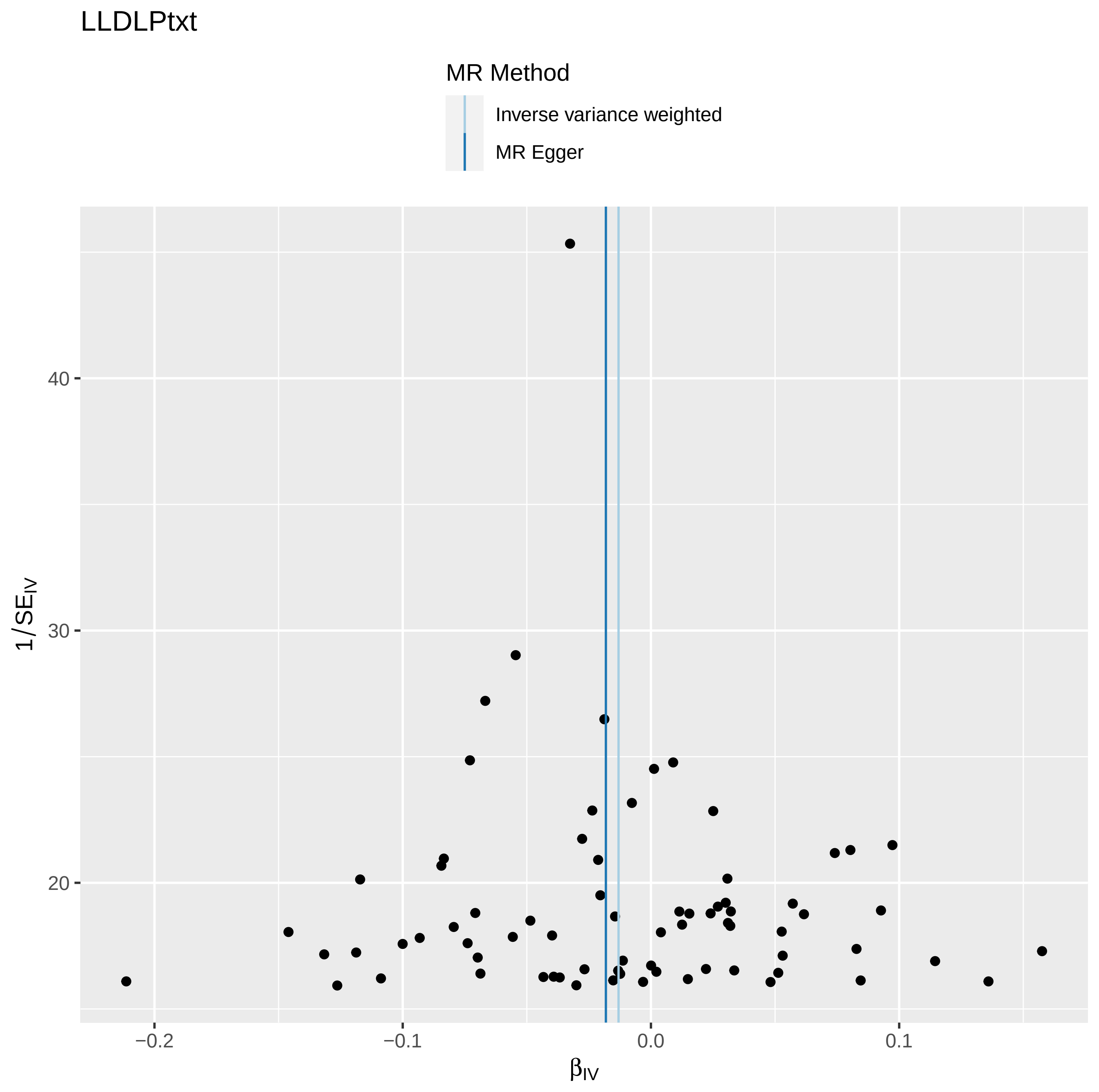



LLDLFCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.2
−0.1
0.0
0.1
0.2
0.3
β_IV

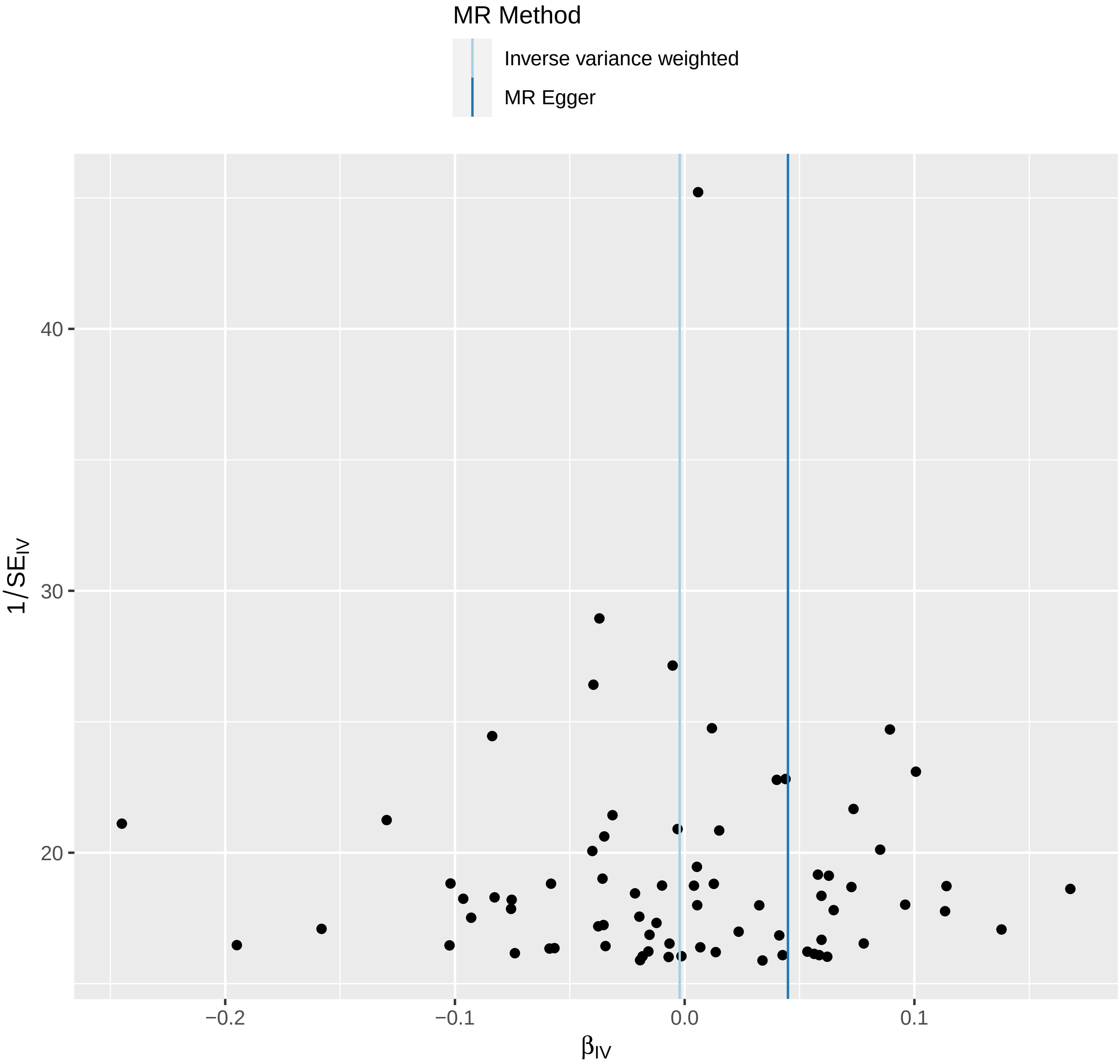

LLDLLtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV


LLDLPLpctpercenttxt

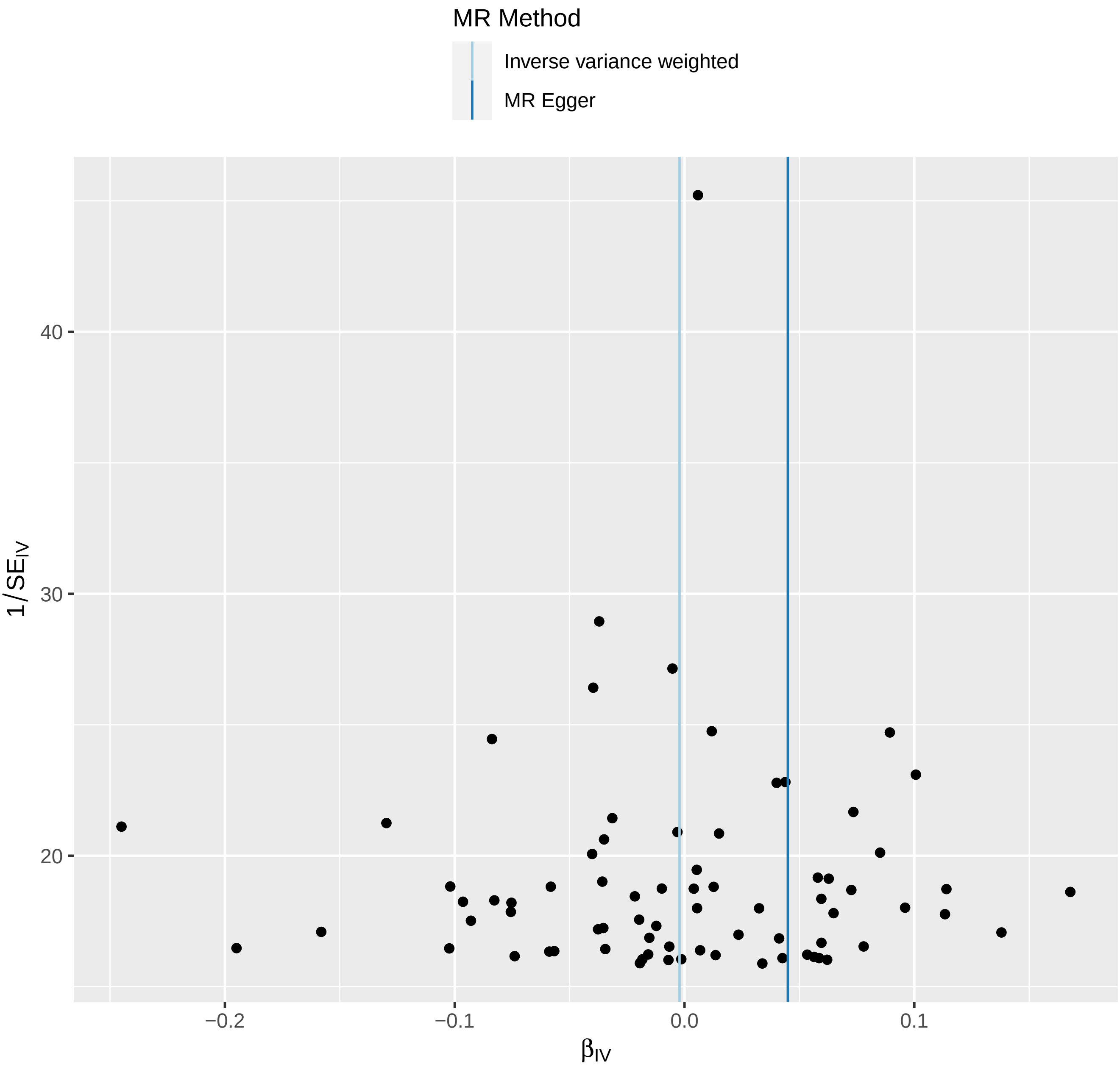

LLDLPLtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
β$_{IV}$


LLDLPtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
β$_{IV}$

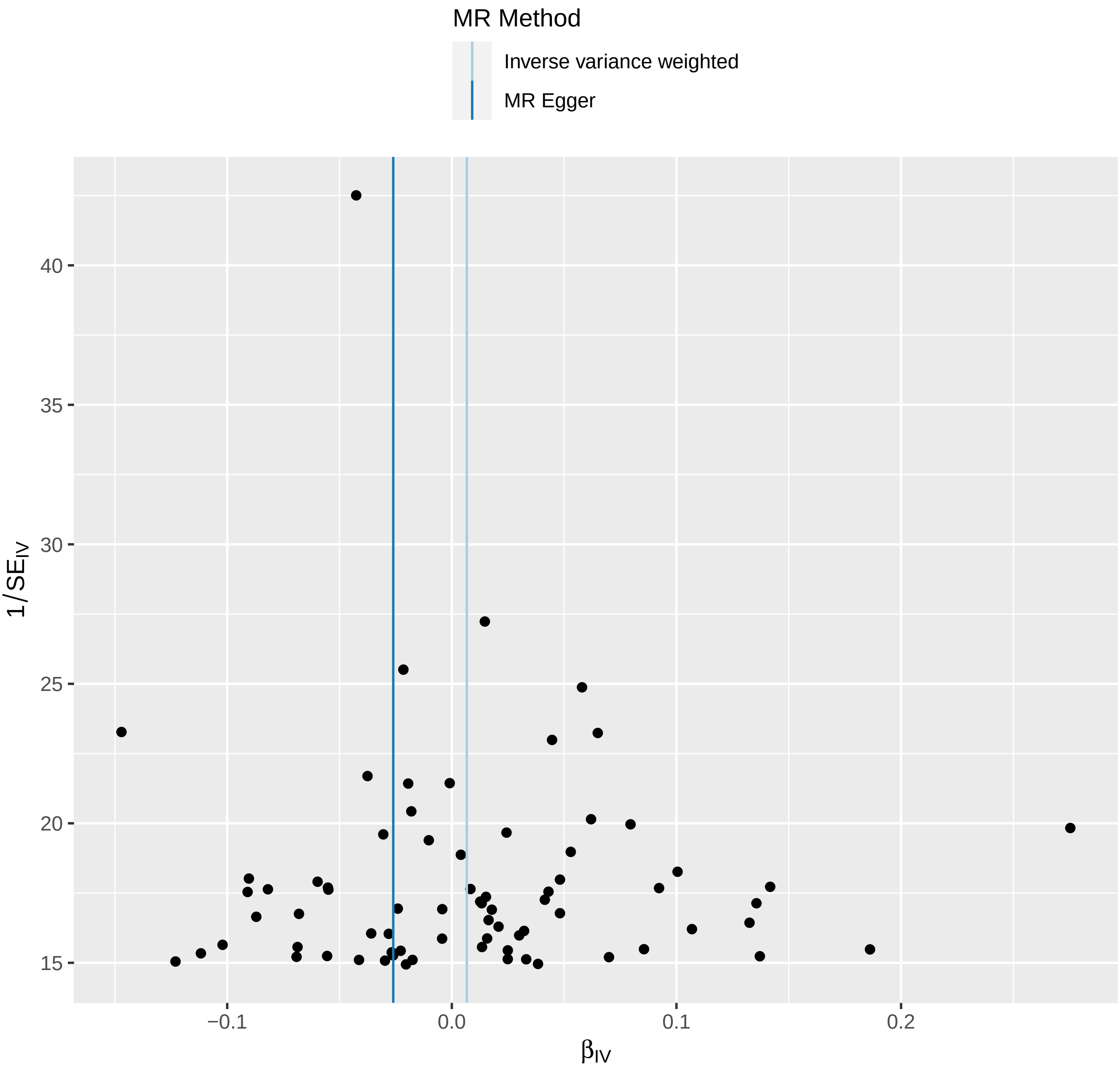
LLDLTGpctpercenttxt

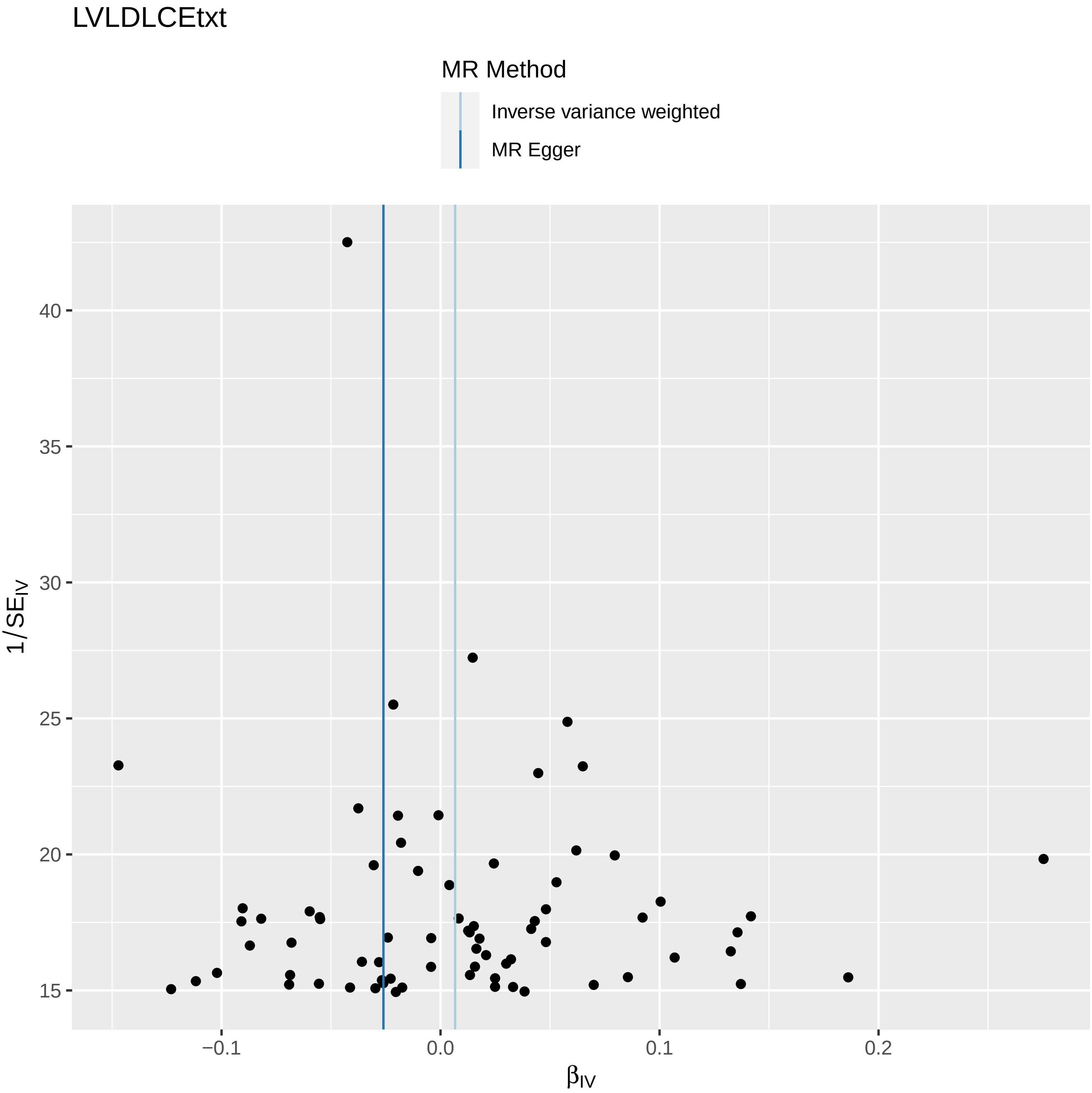


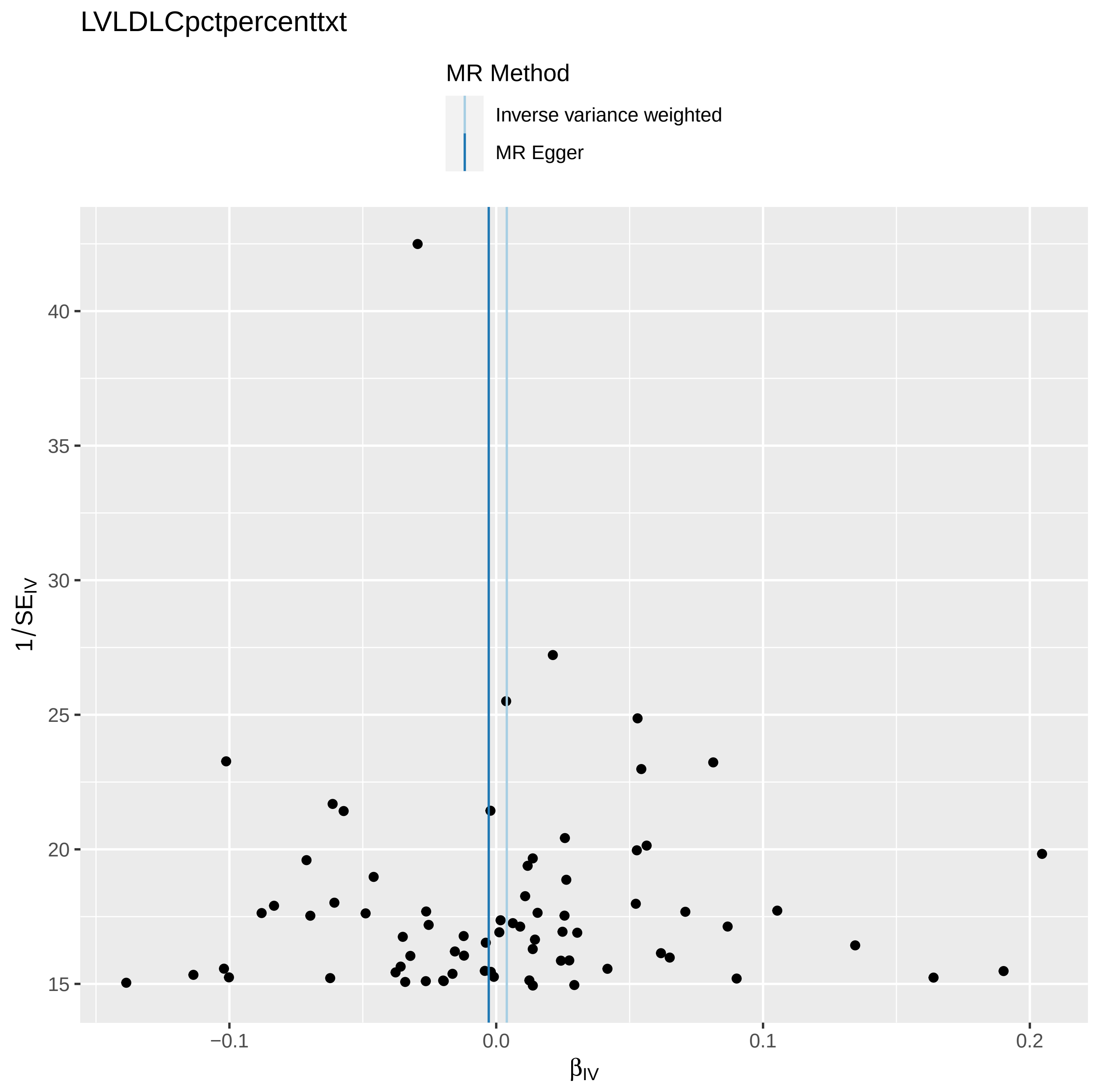
LLDLTGtxt

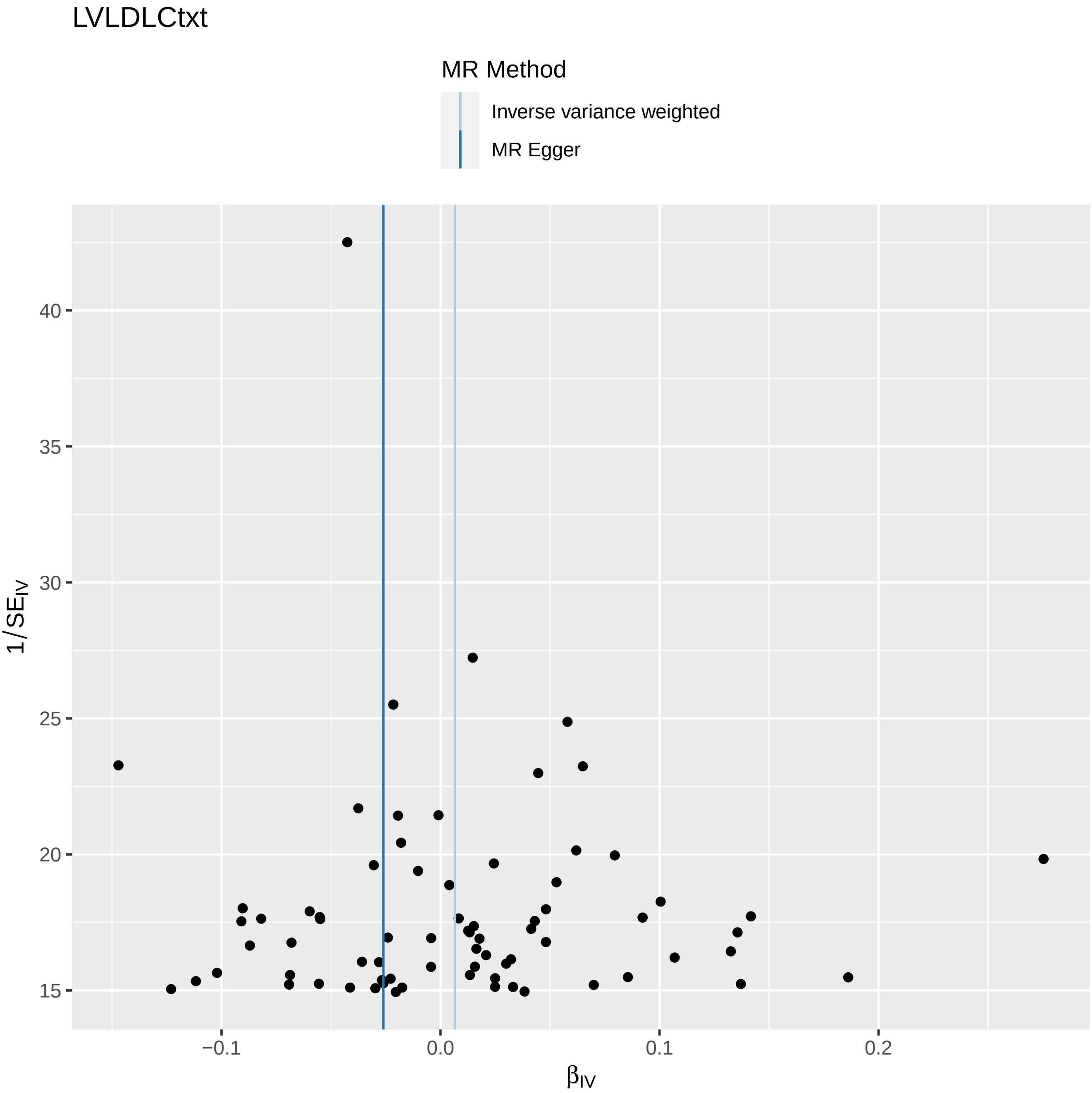

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
β$_{IV}$
−0.2
−0.1
0.0
0.1

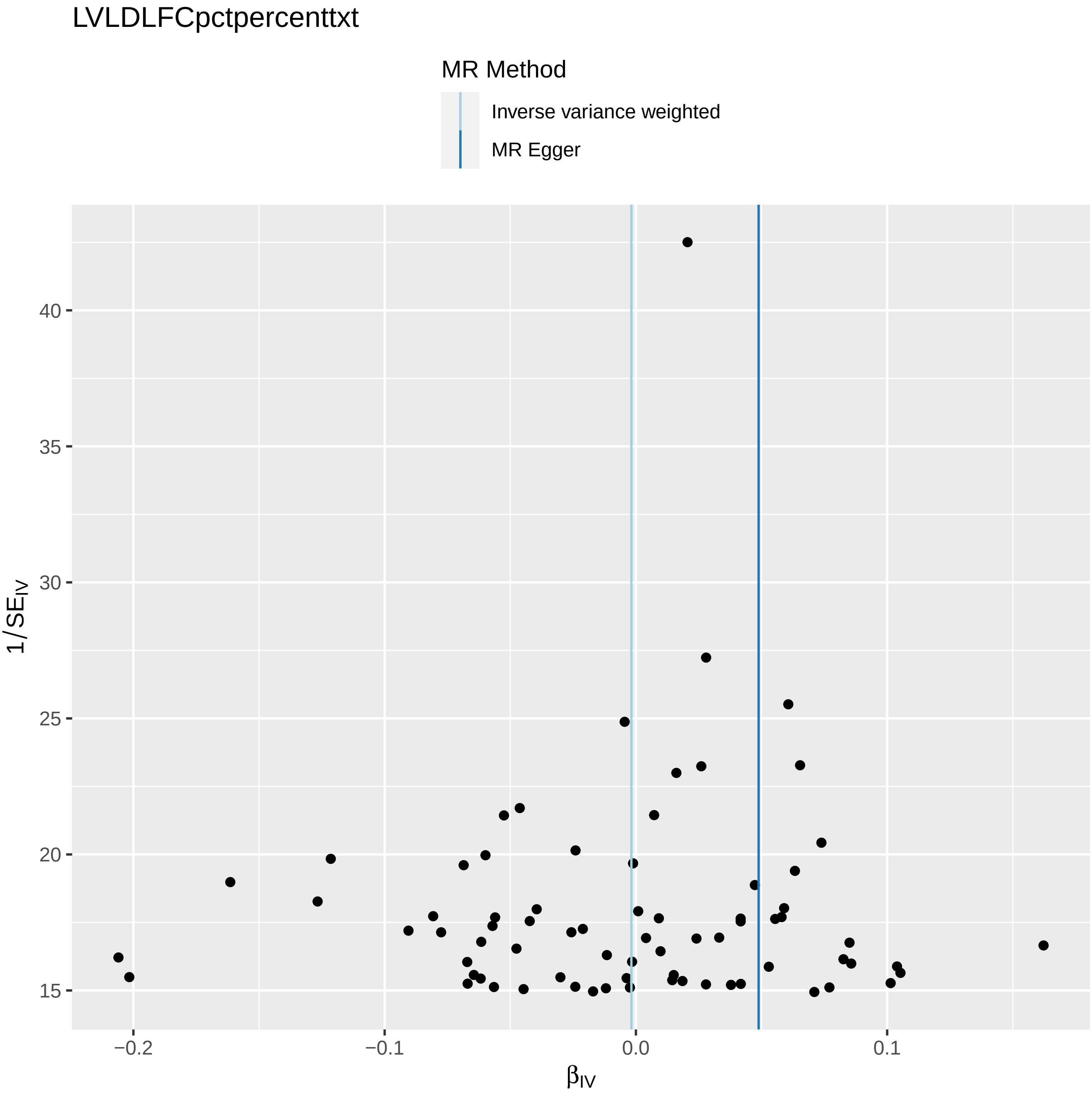
LVLDLCEpctpercenttxt




LVLDLCEtxt
MR Method
Inverse variance weighted
MR Egger
40
35
30
25
20
15
$1/SE_{IV}$
−0.1
0.0
0.1
0.2
$\beta_{IV}$


LVLDLCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
35
30
25
20
15
−0.1
0.0
0.1
0.2
β$_{IV}$


LVLDLCtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
35
30
25
20
15
−0.1
0.0
0.1
0.2
β$_{IV}$


LVLDLFCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
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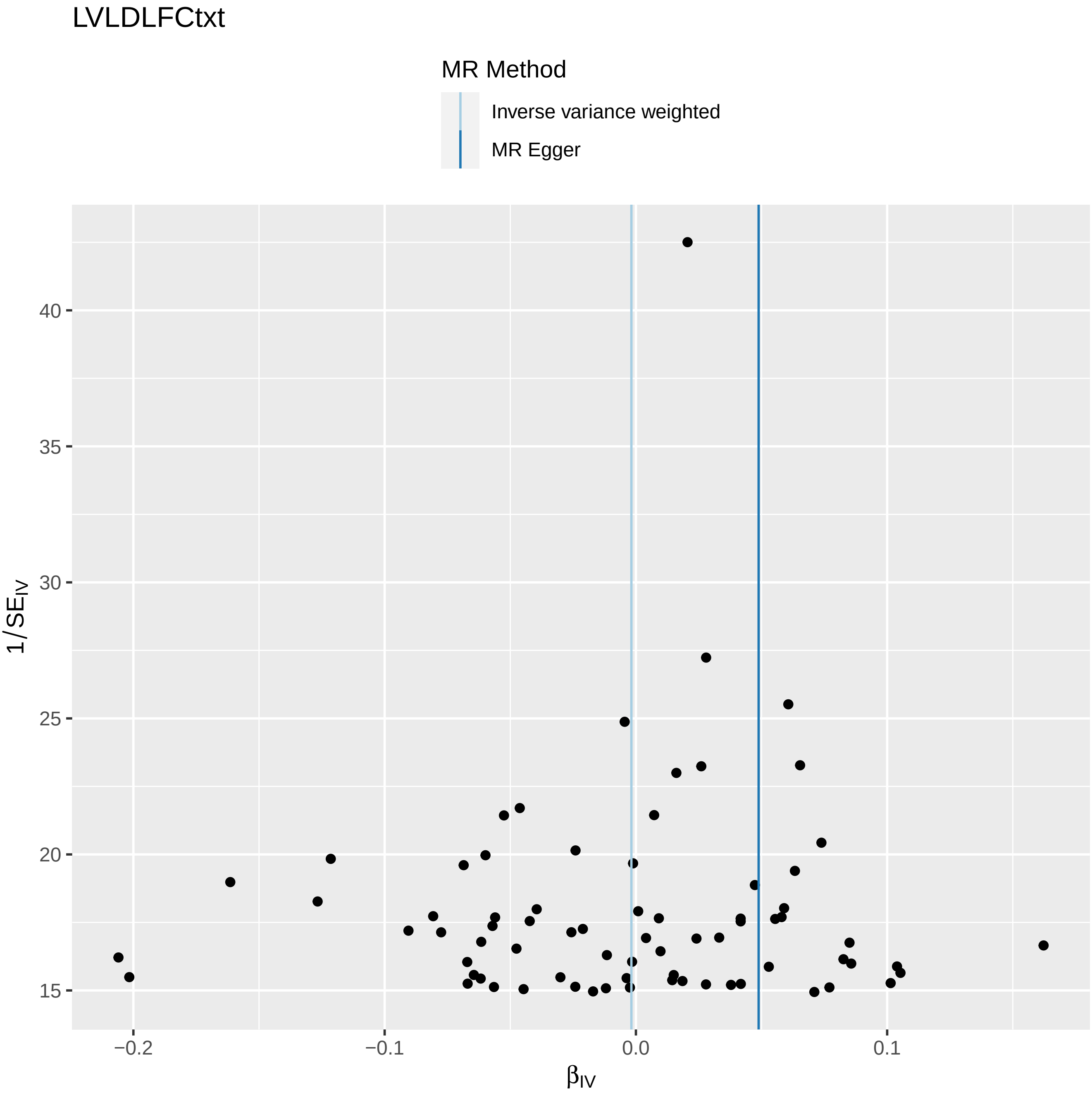
30
25
20
15
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
β$_{IV}$


LVLDLFCtxt
MR Method
Inverse variance weighted
MR Egger
1/$SE_{IV}$
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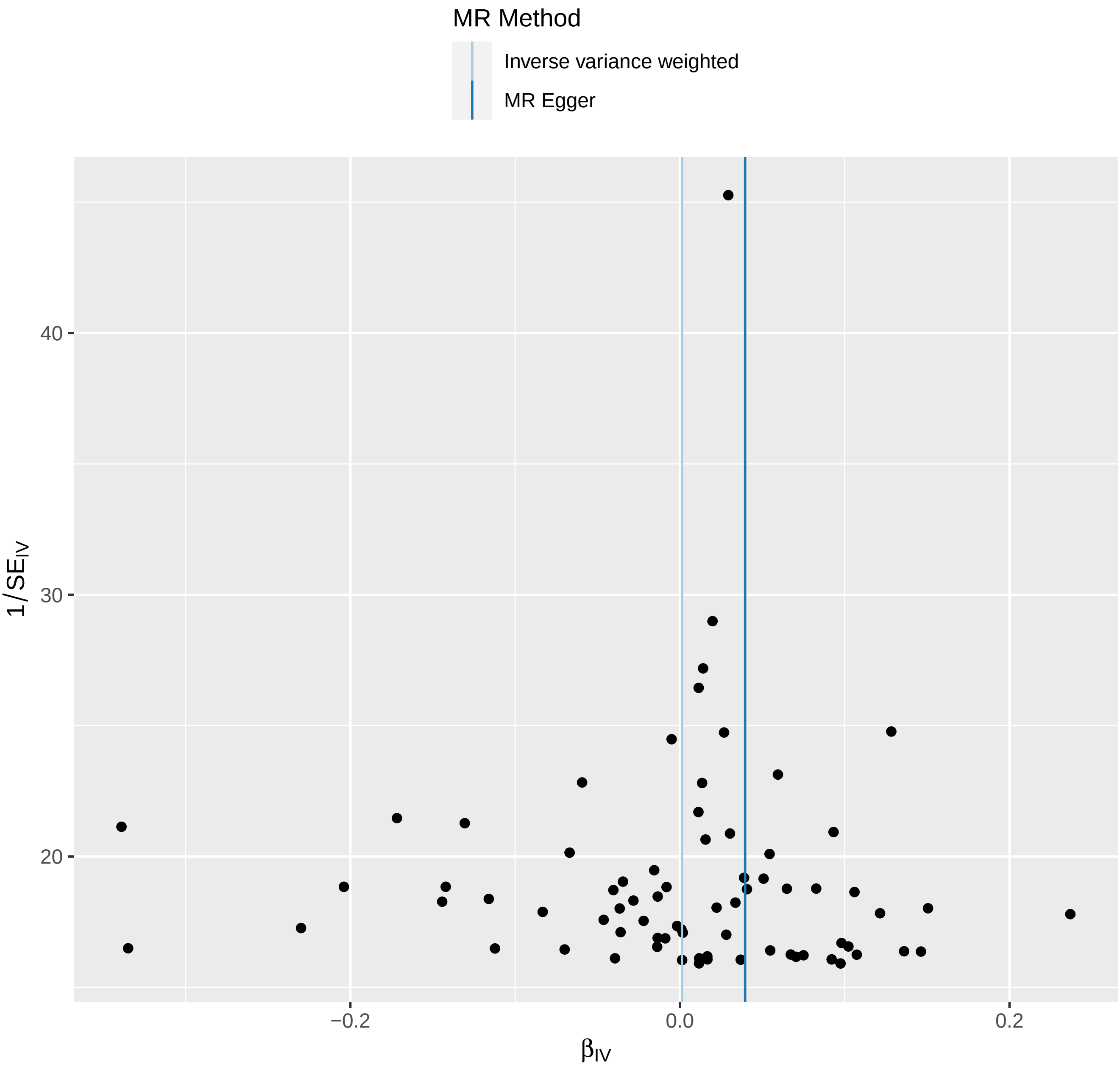
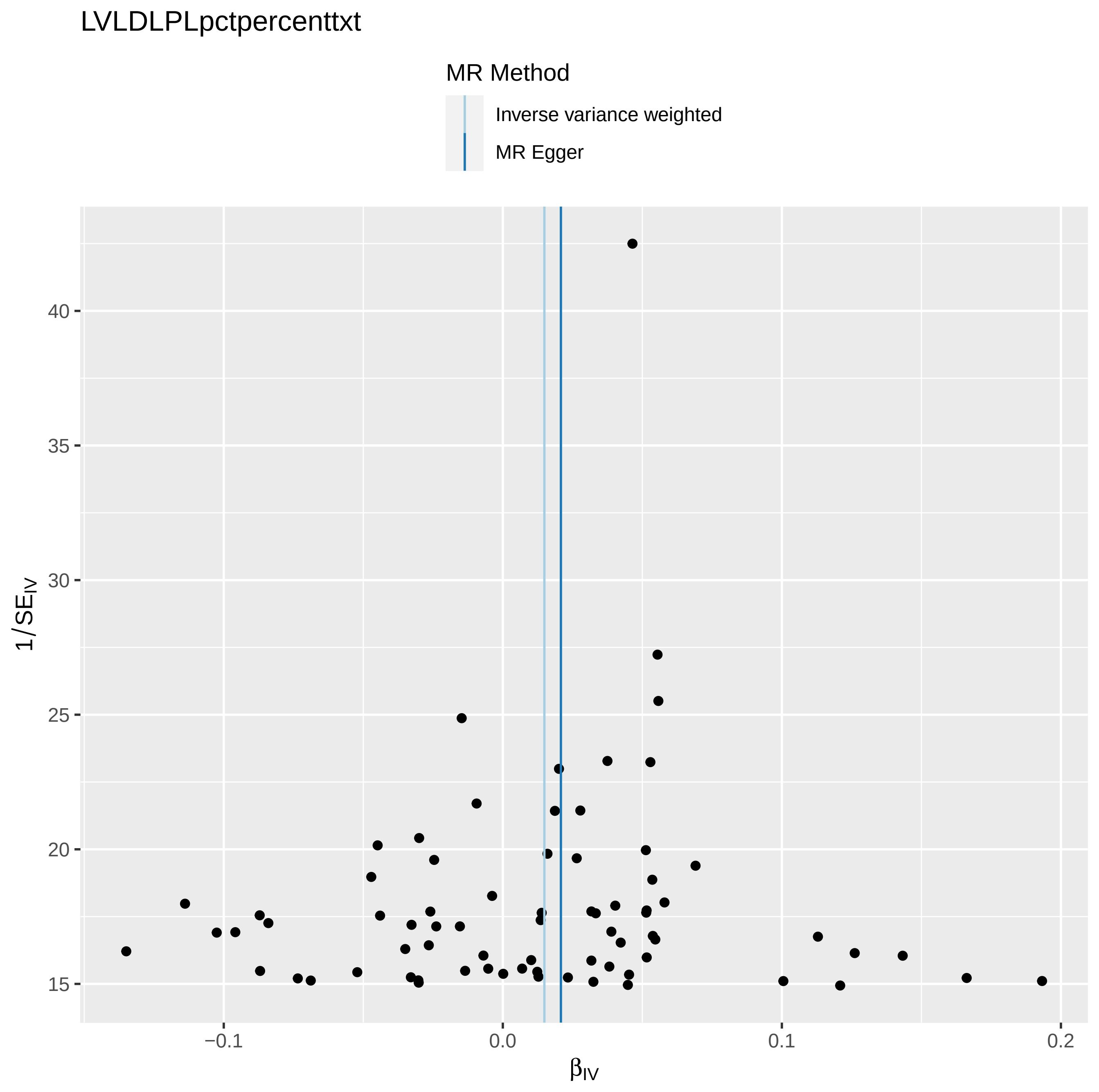
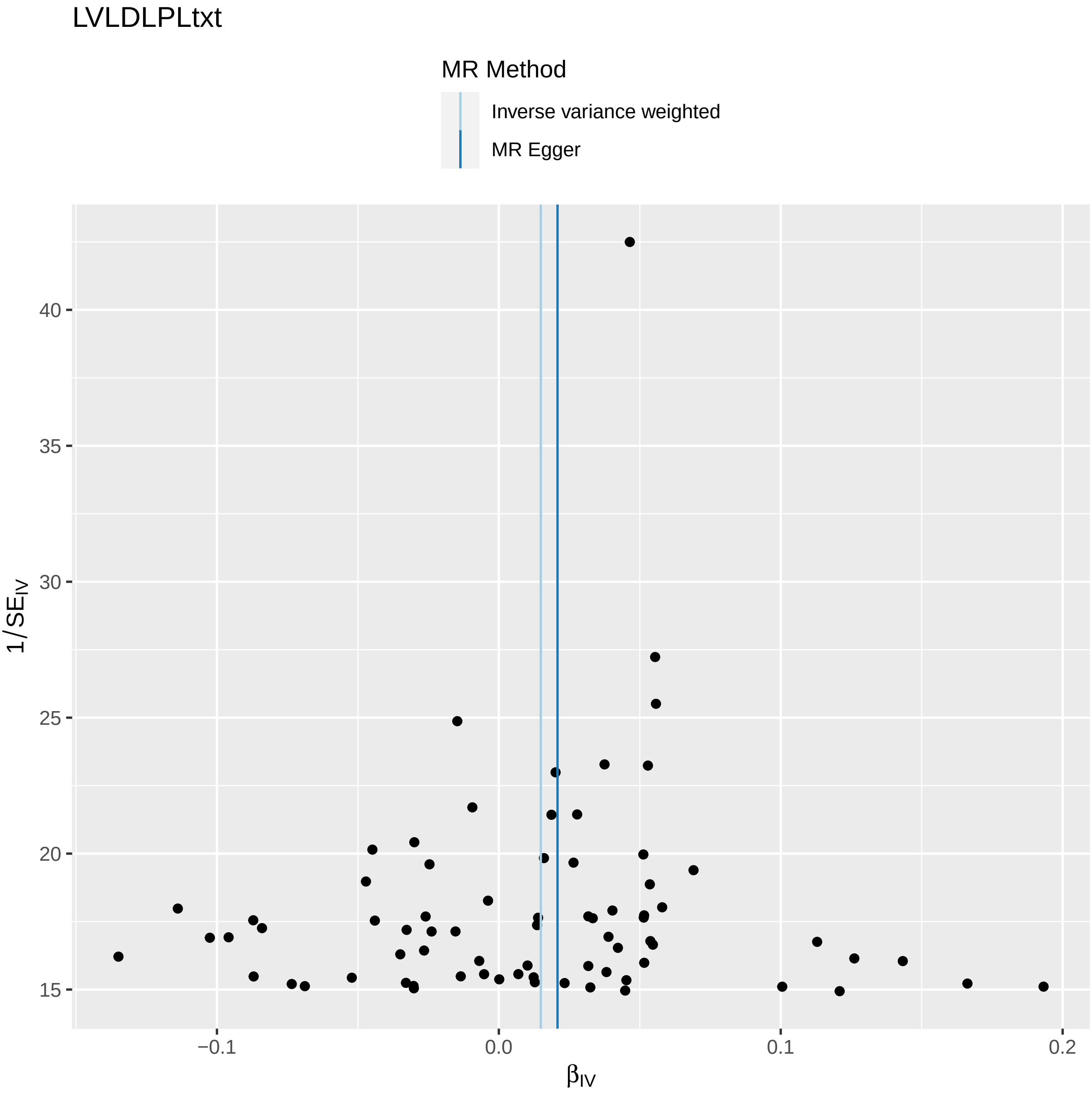
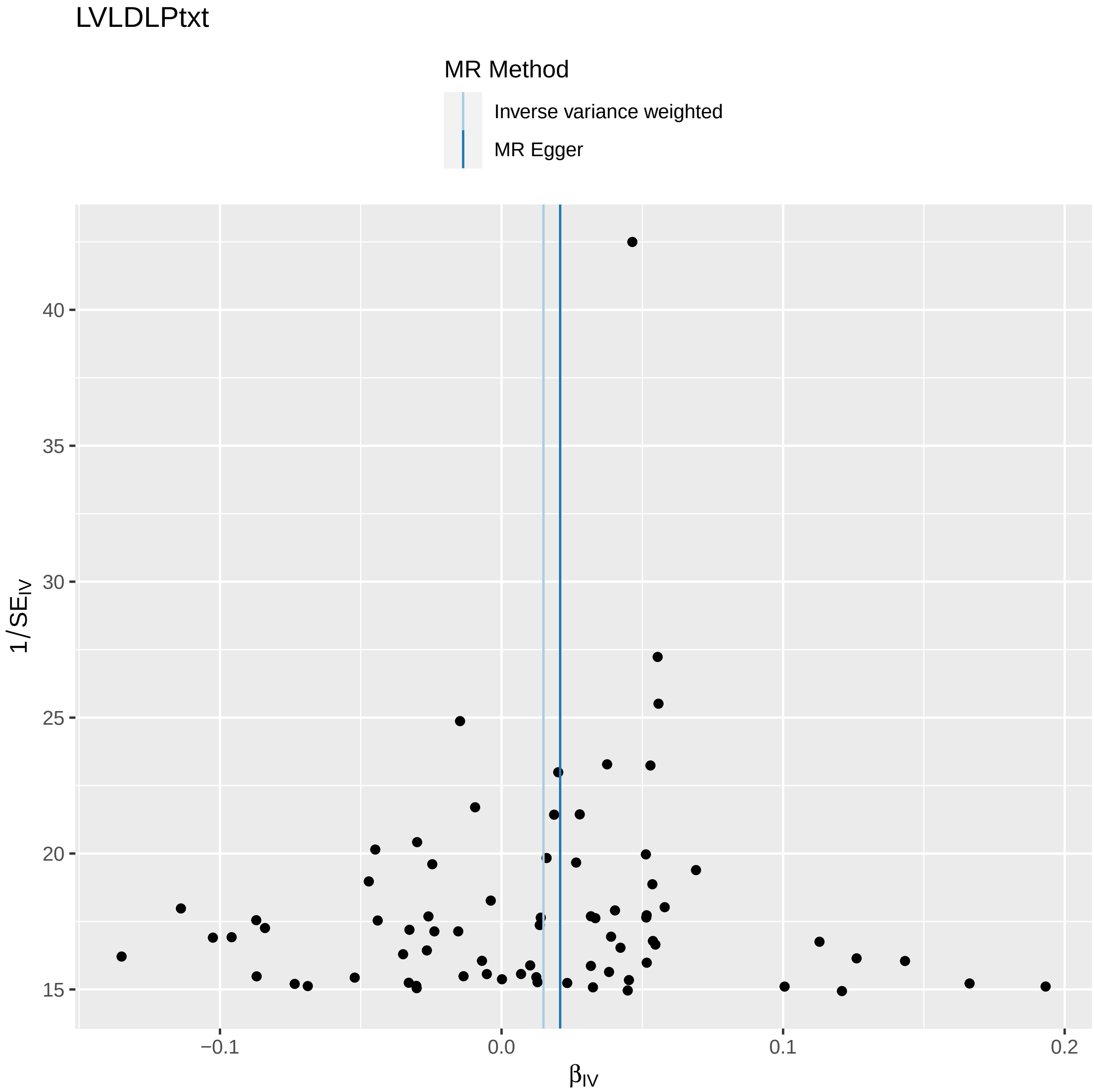
35
30
25
20
15
−0.2
−0.1
0.0
0.1
$\beta_{IV}$

# LVLDLLtxt

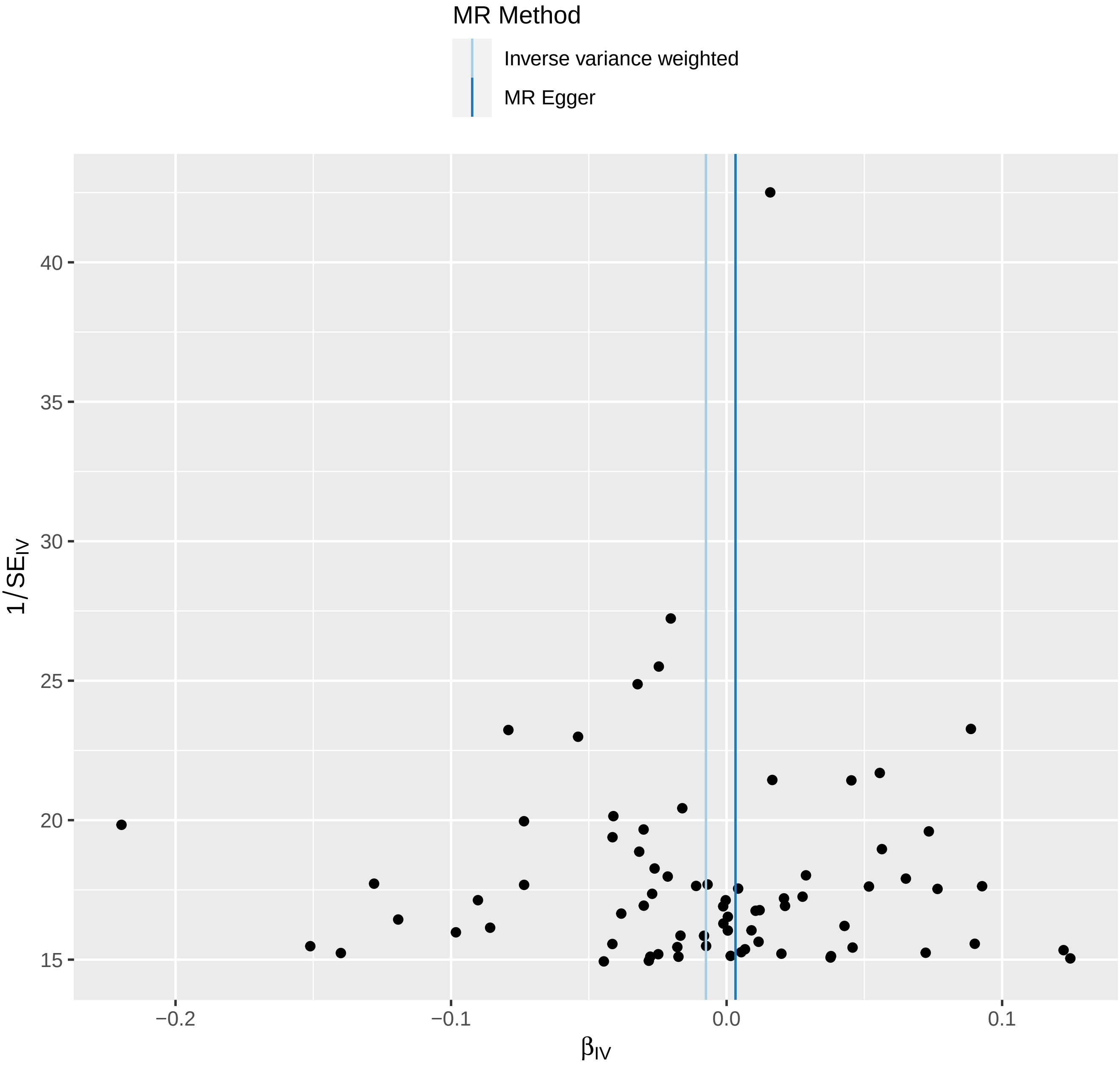

MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.2
0.0
0.2
β_IV


LVLDLPLpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
35
30
25
20
15
$1/SE_{IV}$
−0.1
0.0
0.1
0.2
$\beta_{IV}$

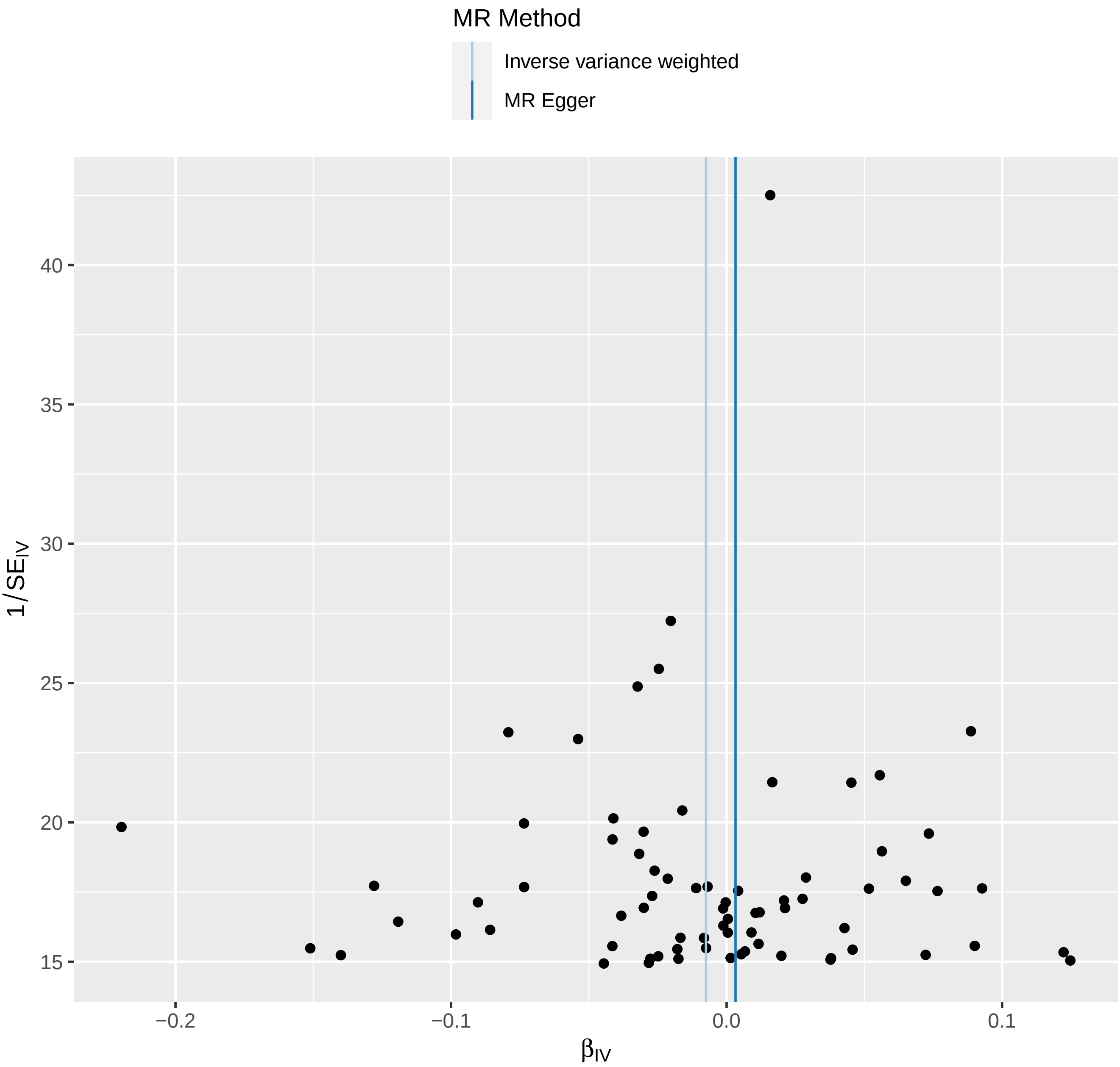

LVLDLPLtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
35
30
25
20
15
−0.1
0.0
0.1
0.2
β$_{IV}$


LVLDLPtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
35
30
25
20
15
−0.1
0.0
0.1
0.2
β$_{IV}$

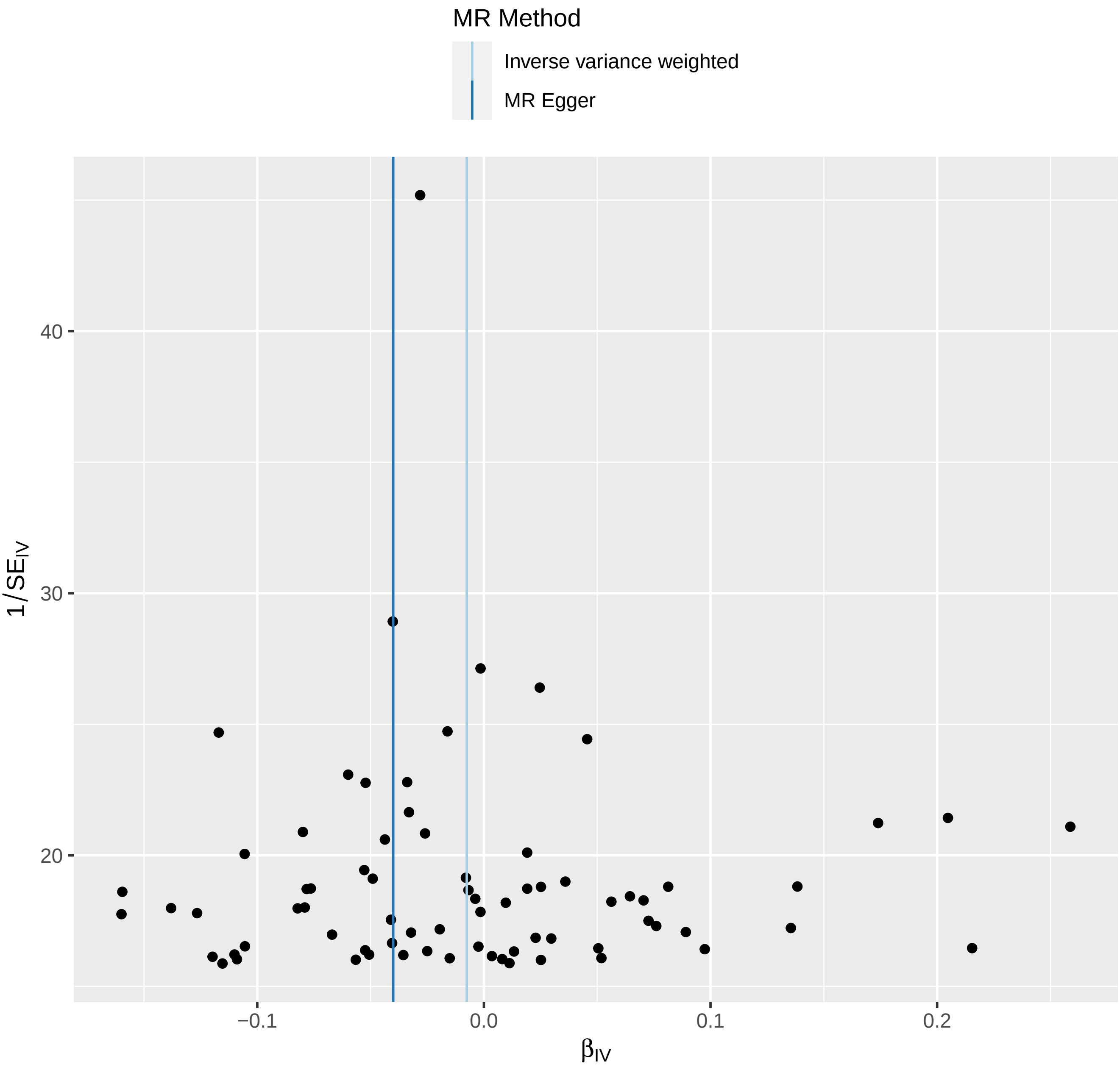
LVLDLTGpctpercenttxt

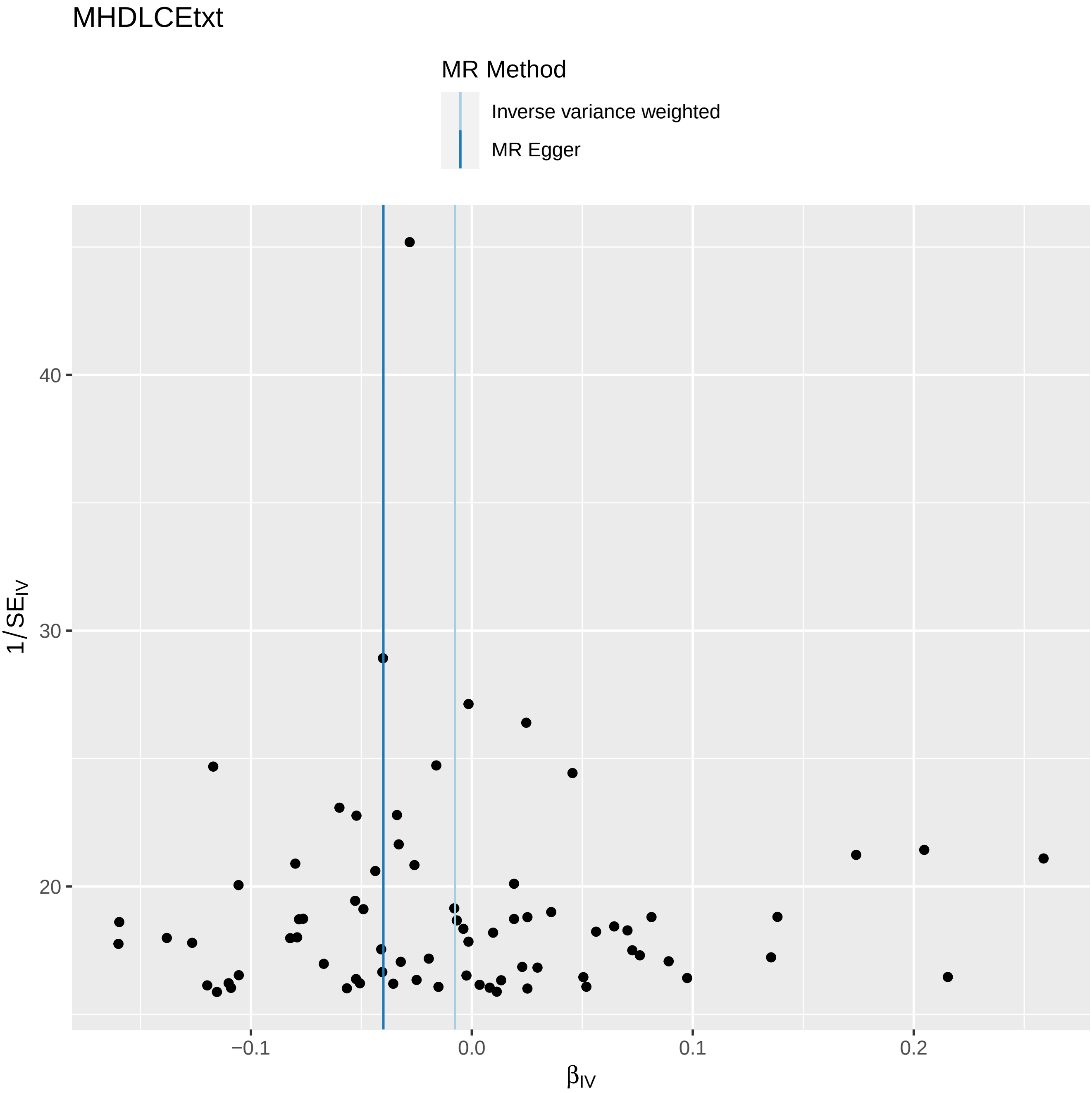


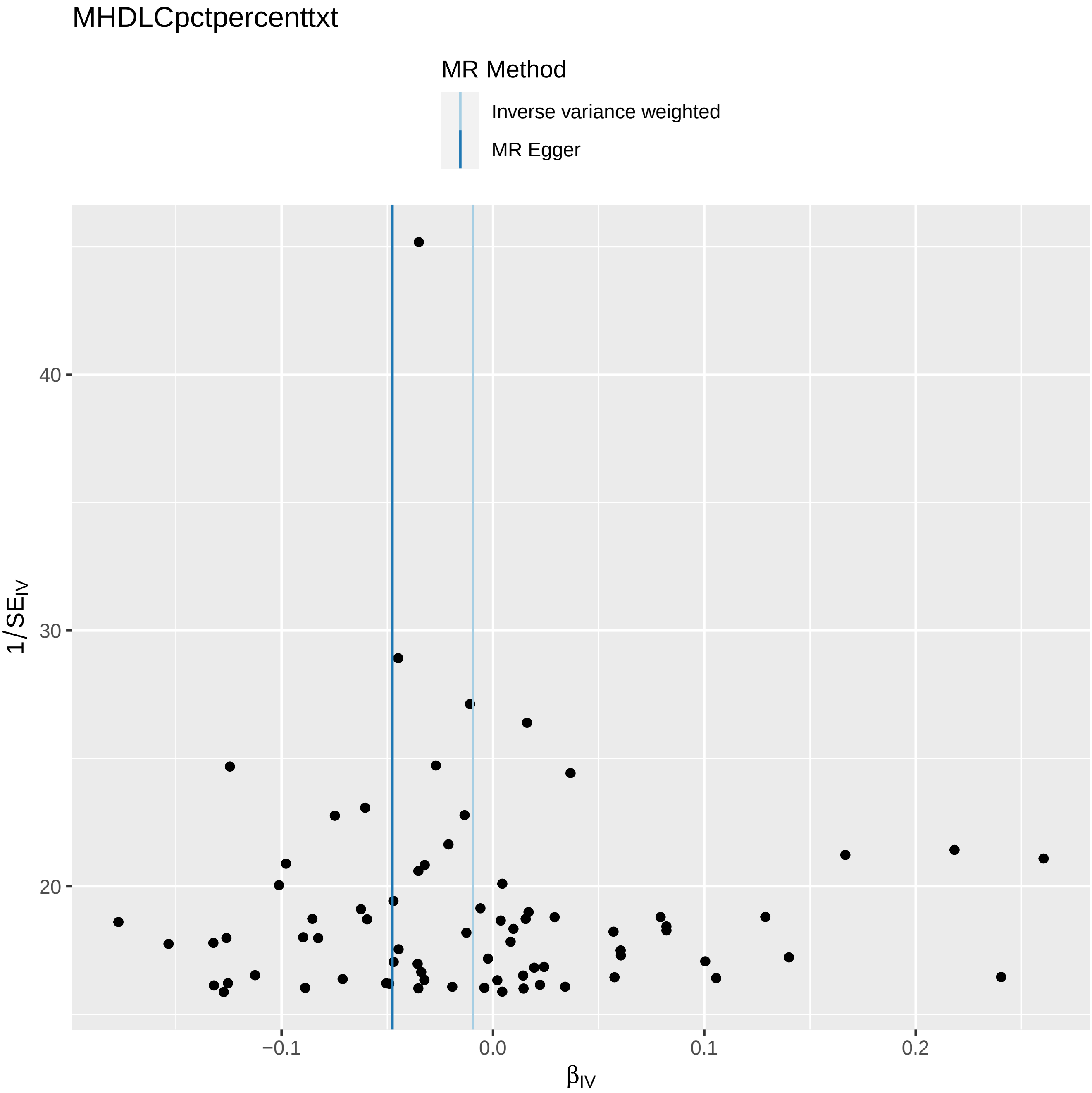
LVLDLTGtxt

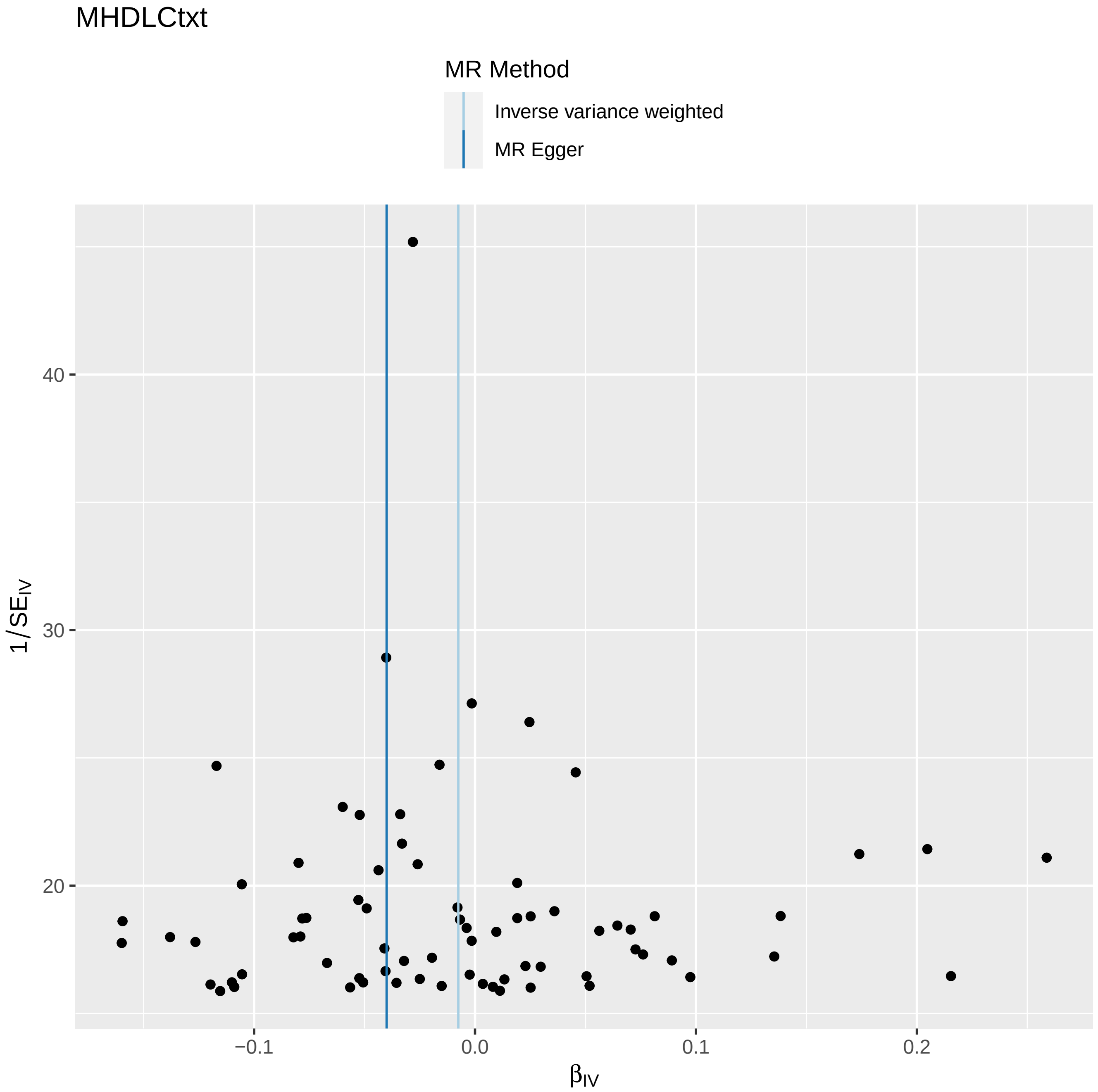

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
35
30
25
20
15
−0.2
−0.1
0.0
0.1
β$_{IV}$

MHDLCEpctpercenttxt

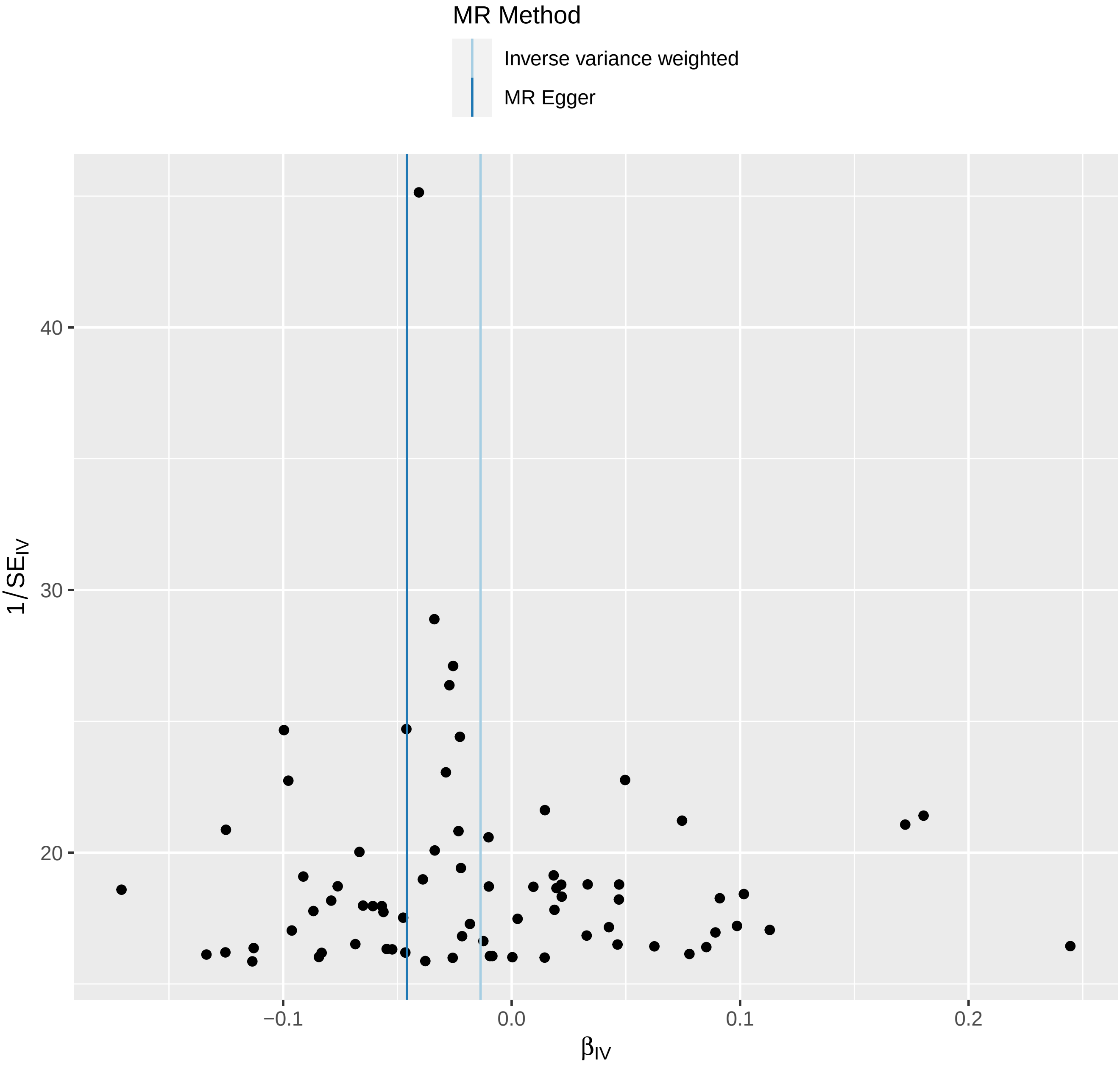


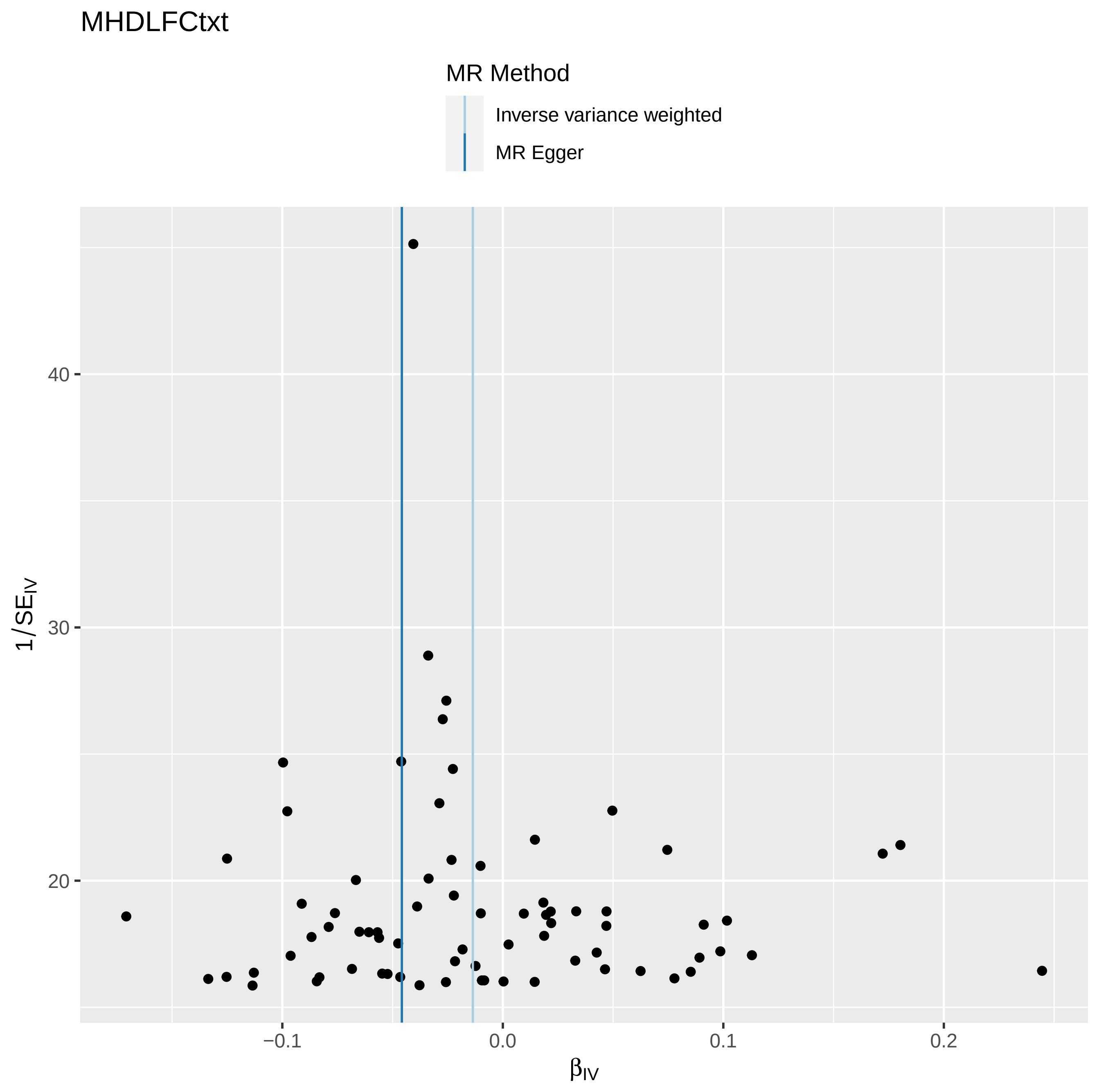

MHDLCEtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.1
0.0
0.1
0.2
$\beta_{IV}$


MHDLCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV

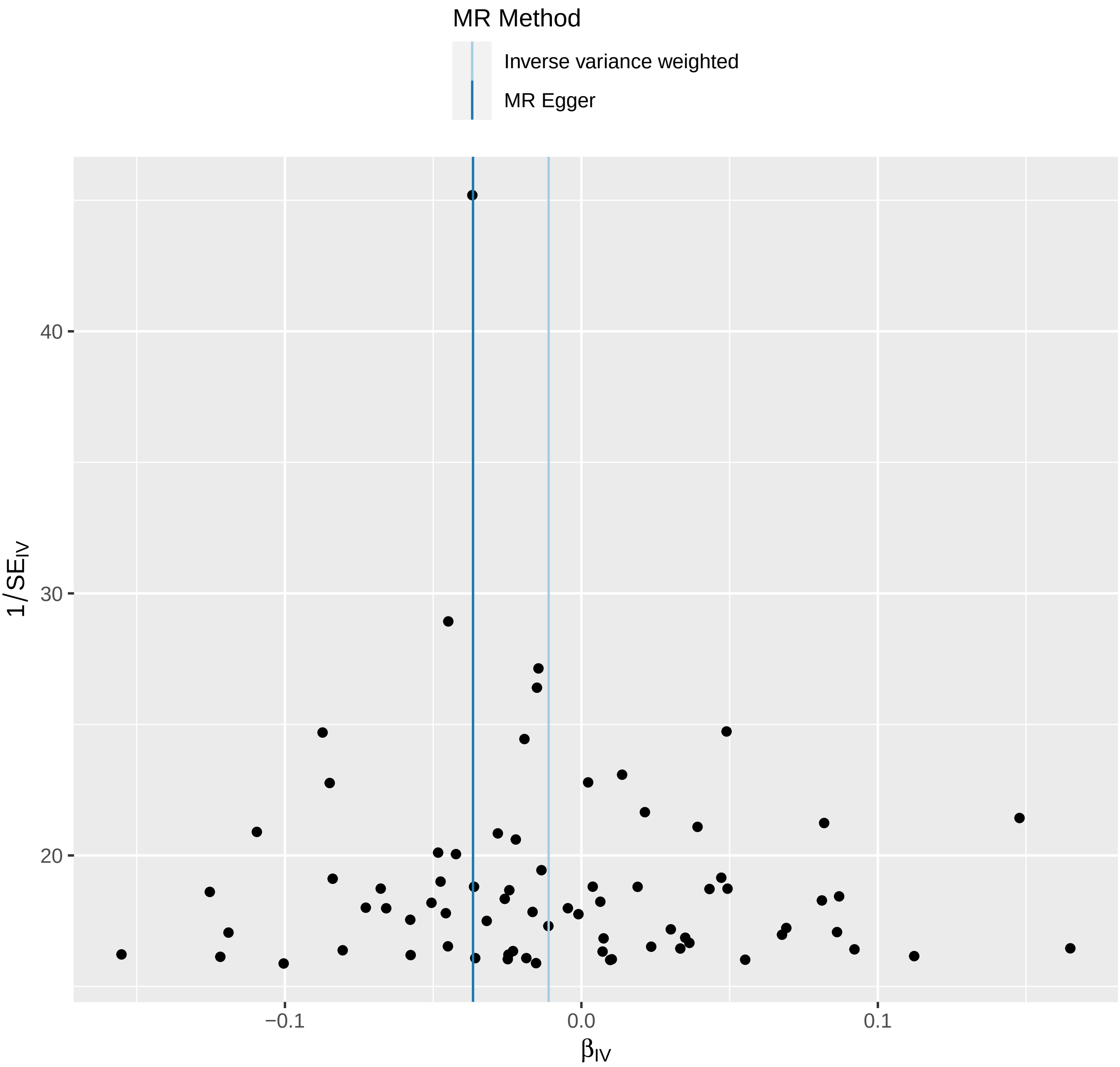

MHDLCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV

## MHDLFCpctpercenttxt

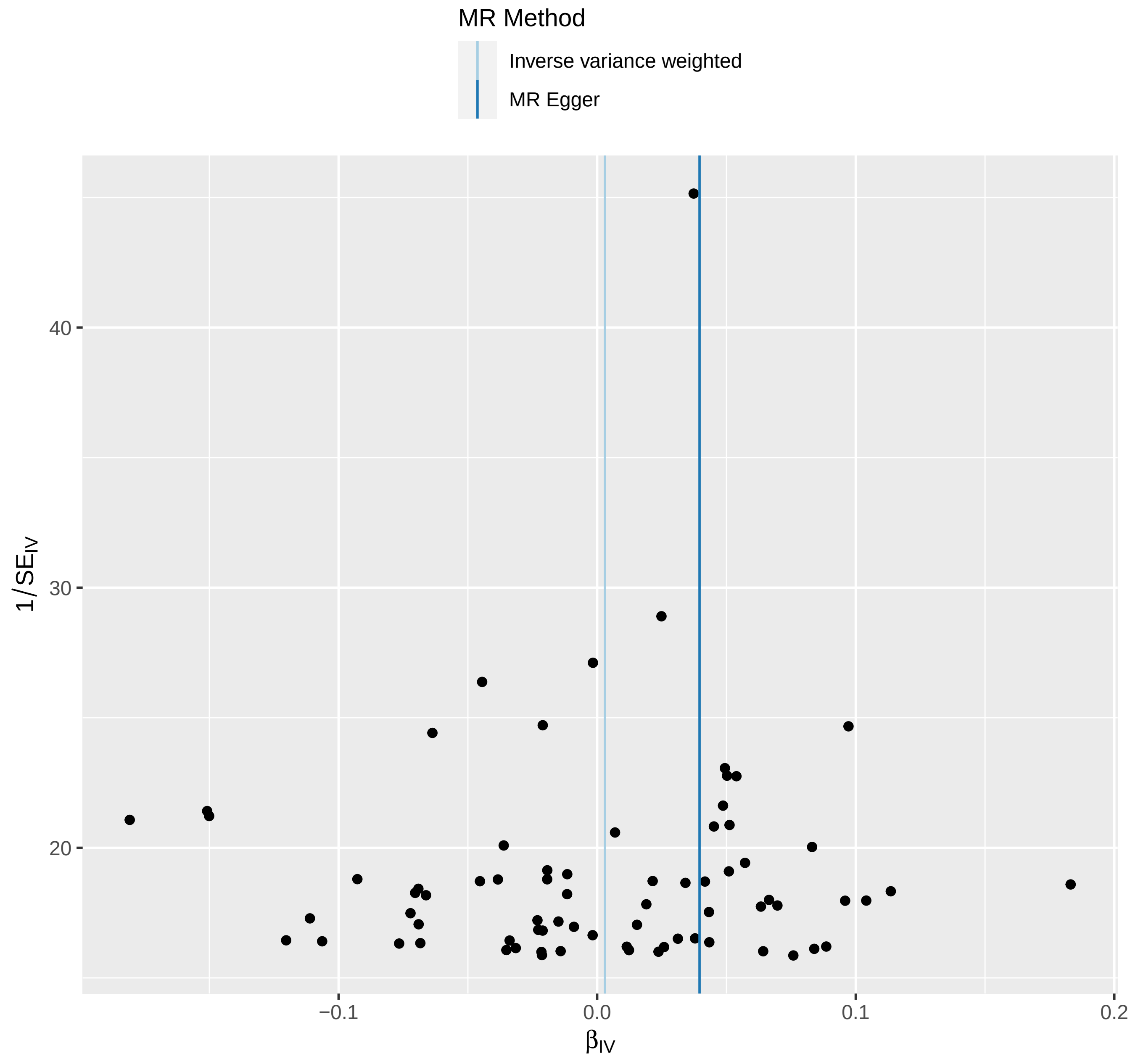


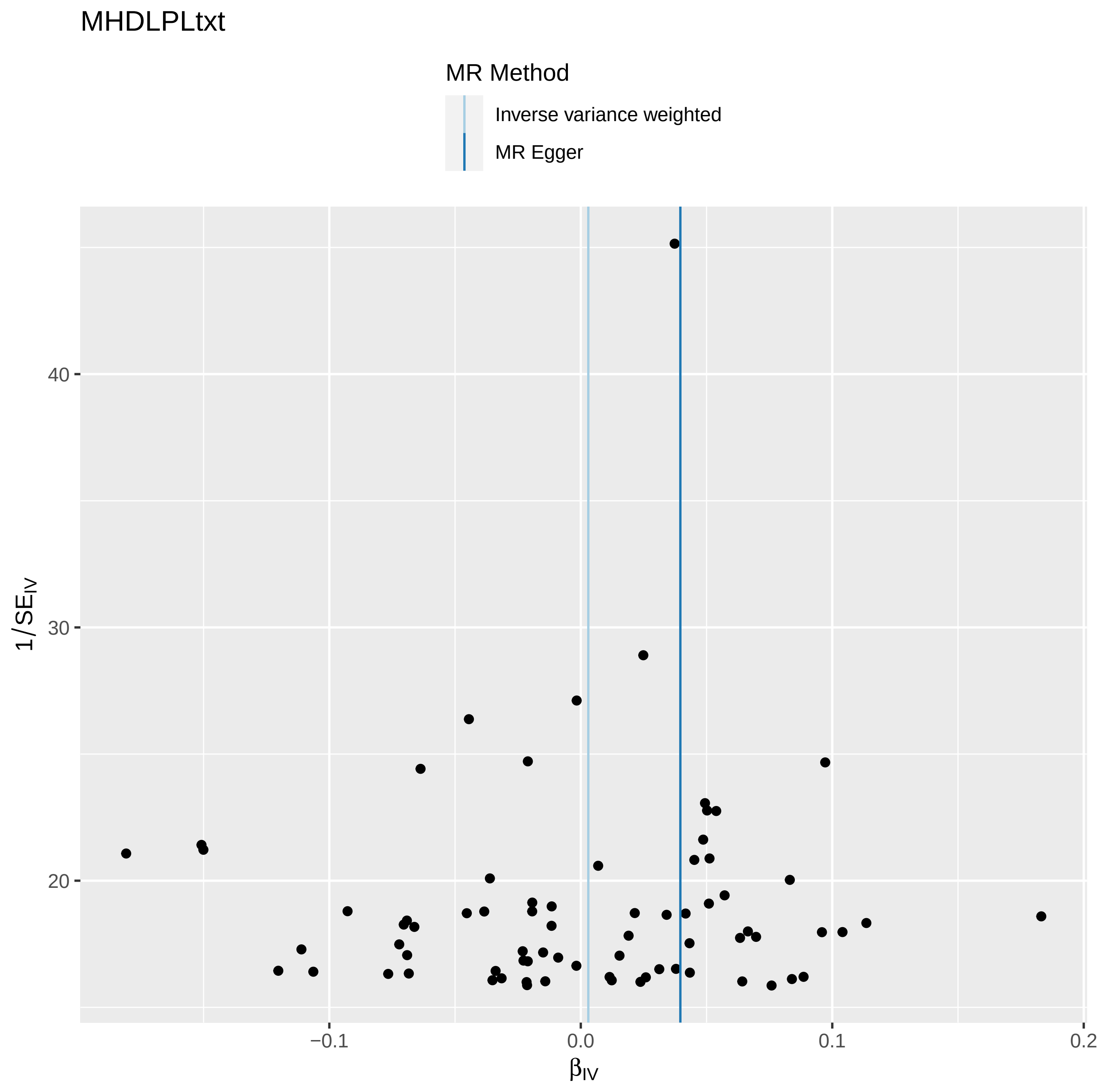

MHDLFCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV

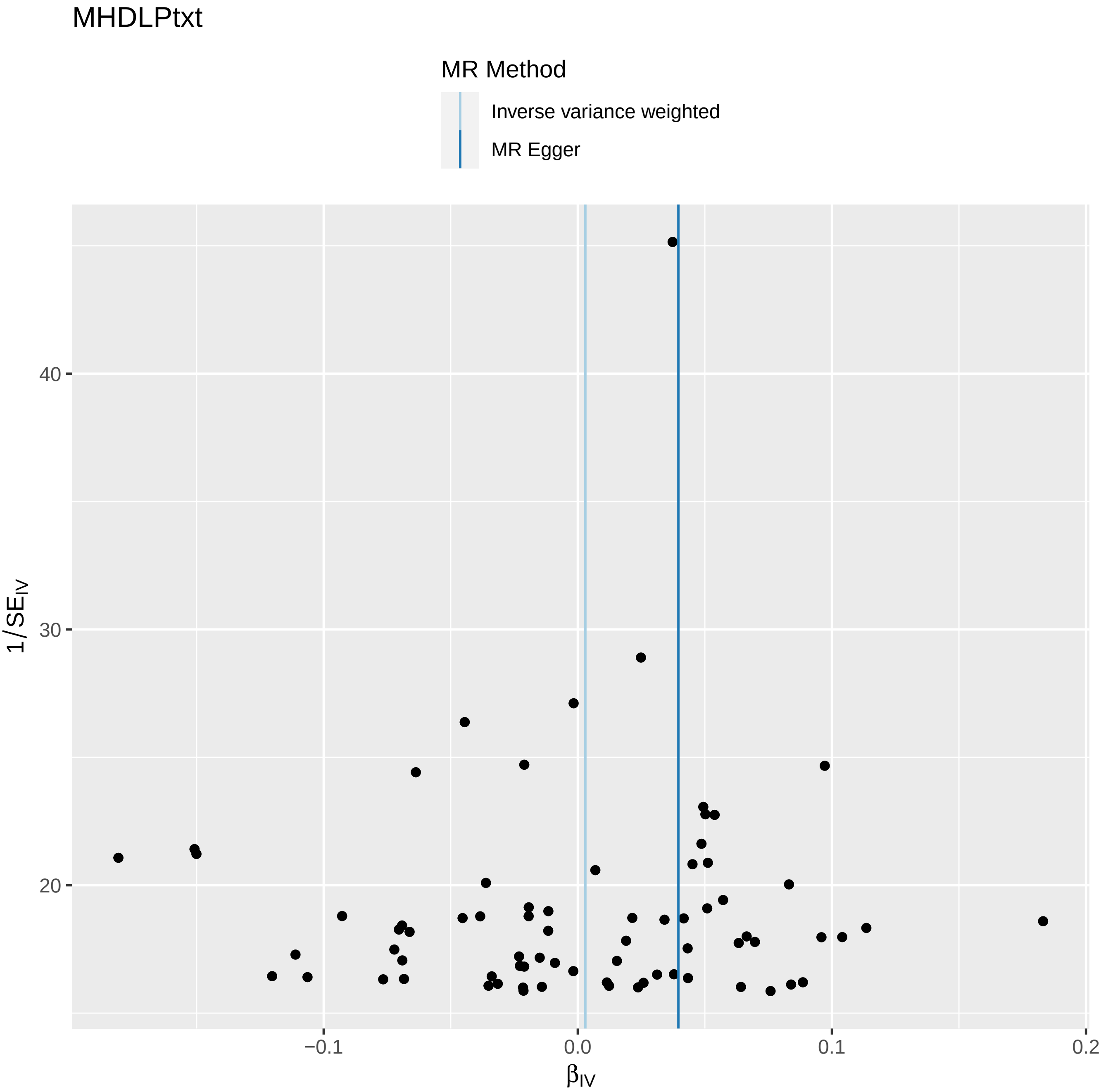
MHDLLtxt

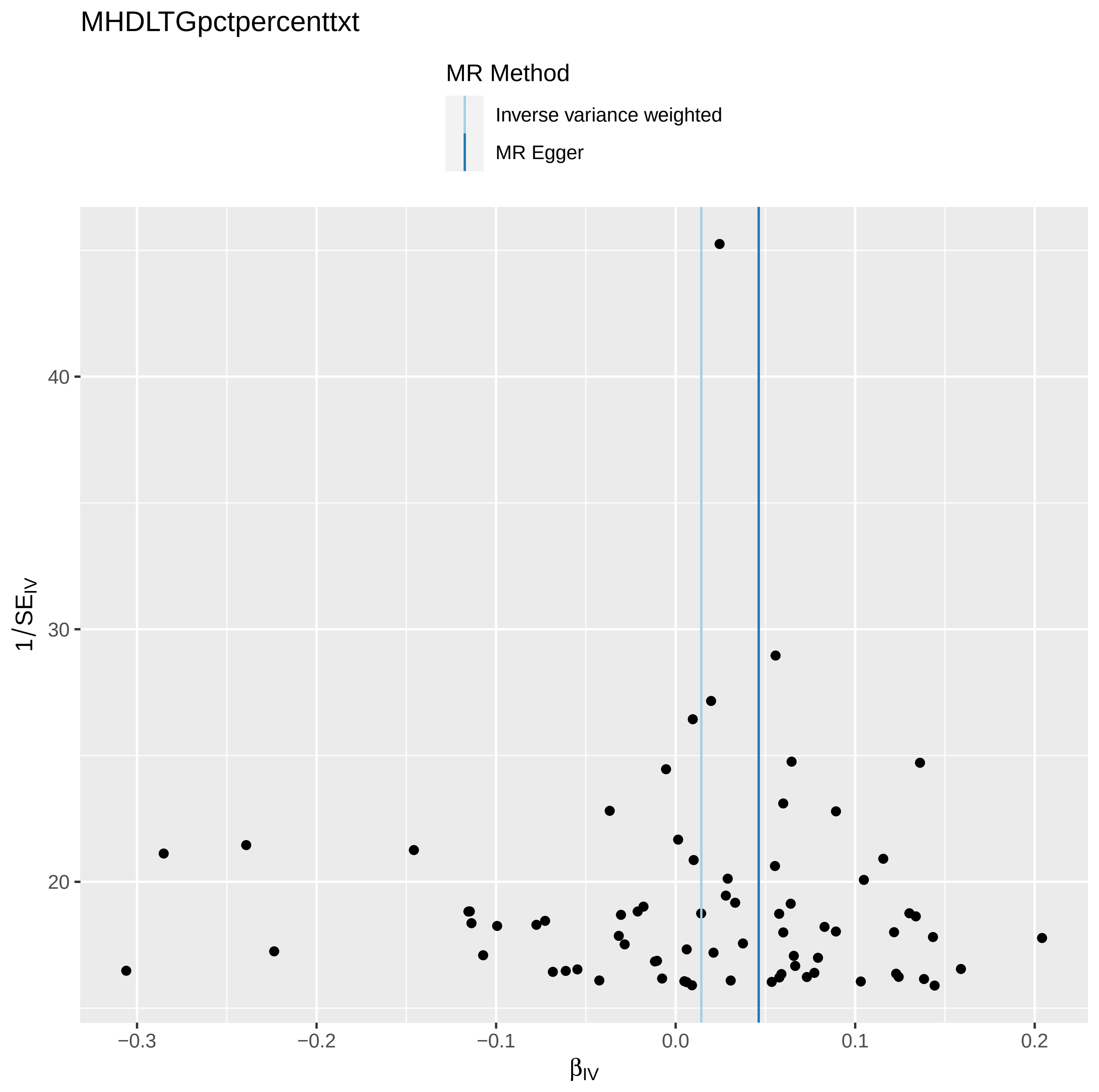

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
β$_{IV}$

MHDLPLpctpercenttxt




MHDLPLtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV


MHDLPtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
$\beta_{IV}$
−0.1
0.0
0.1
0.2


MHDLTGpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
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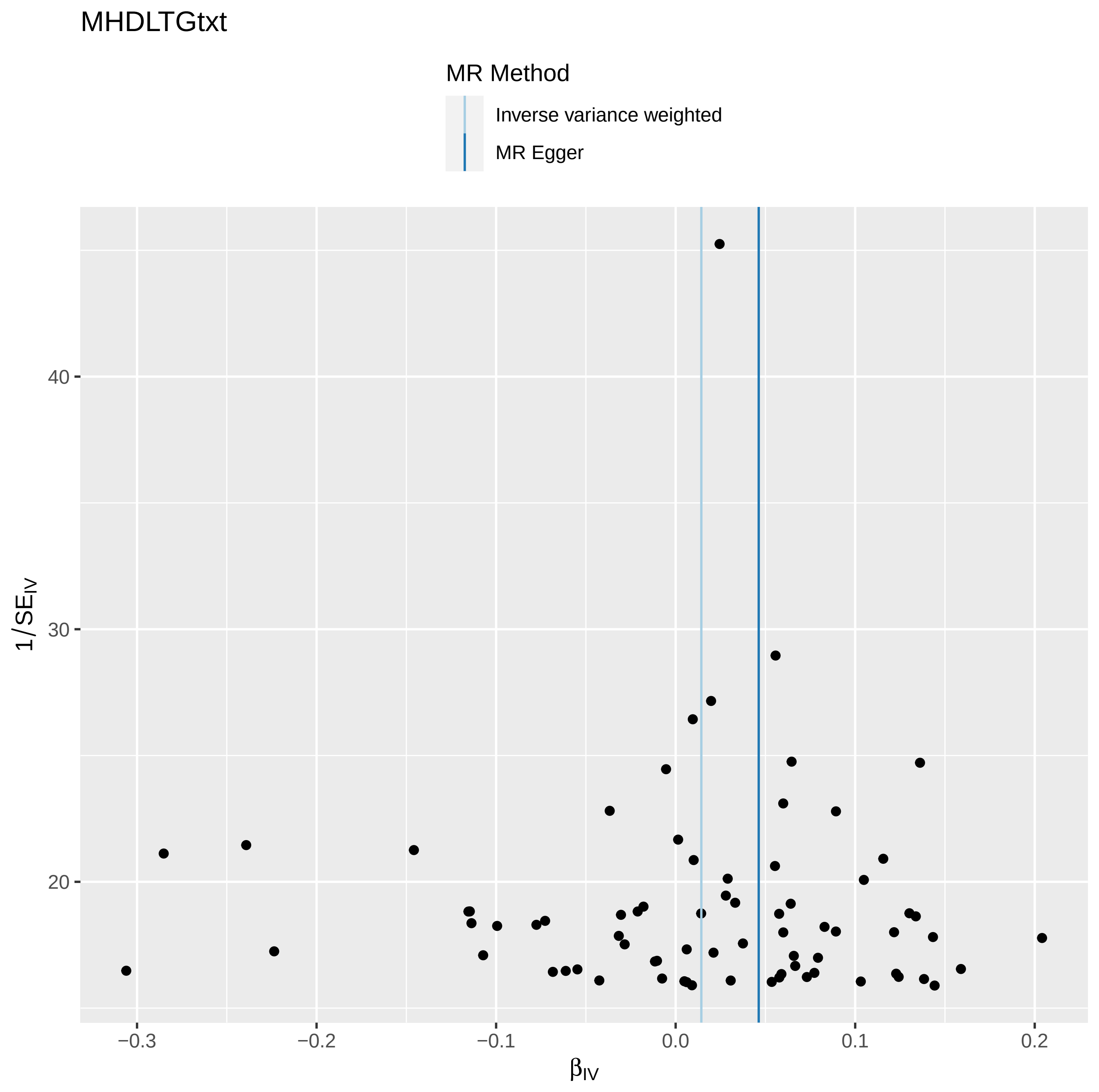
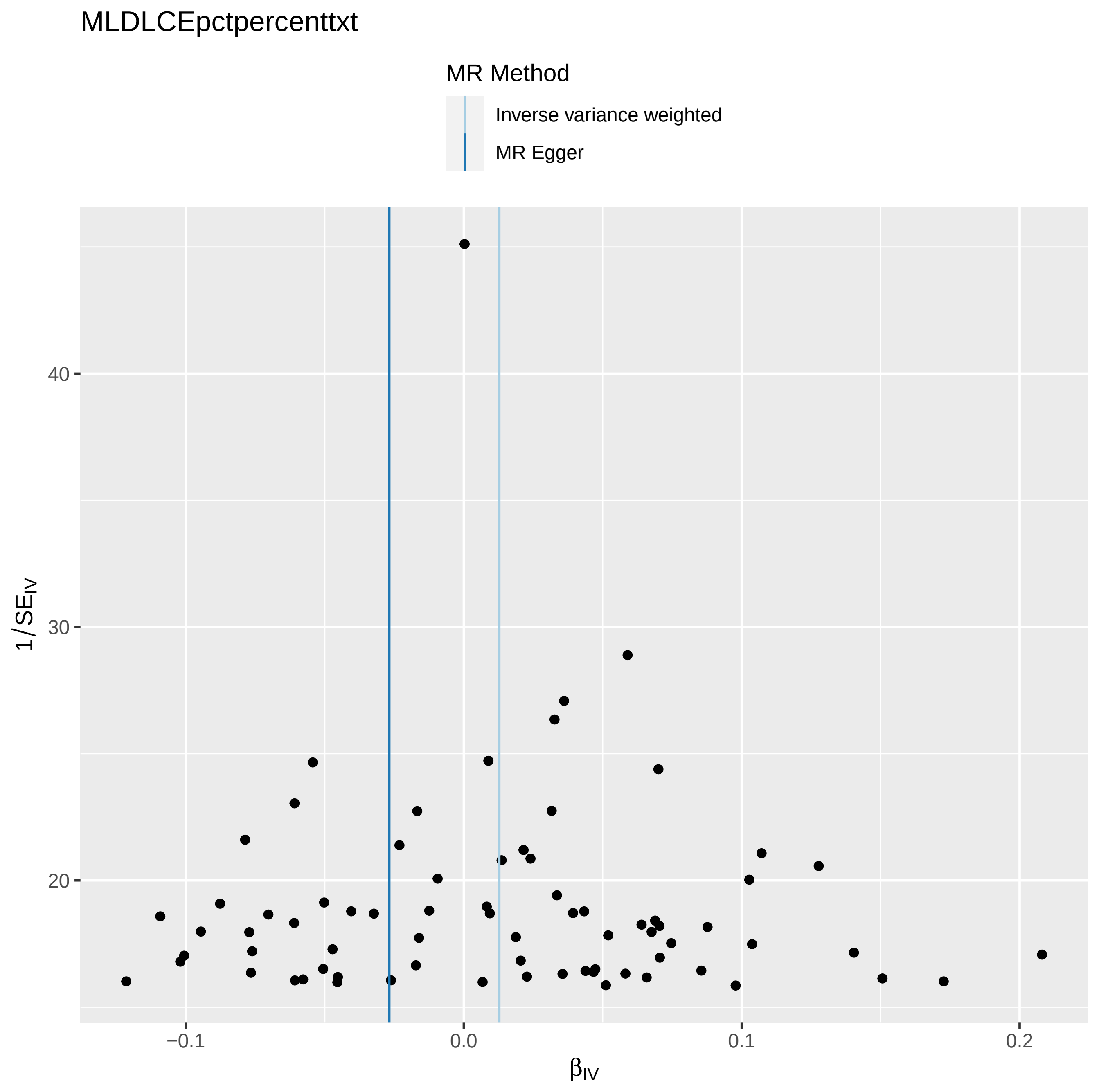
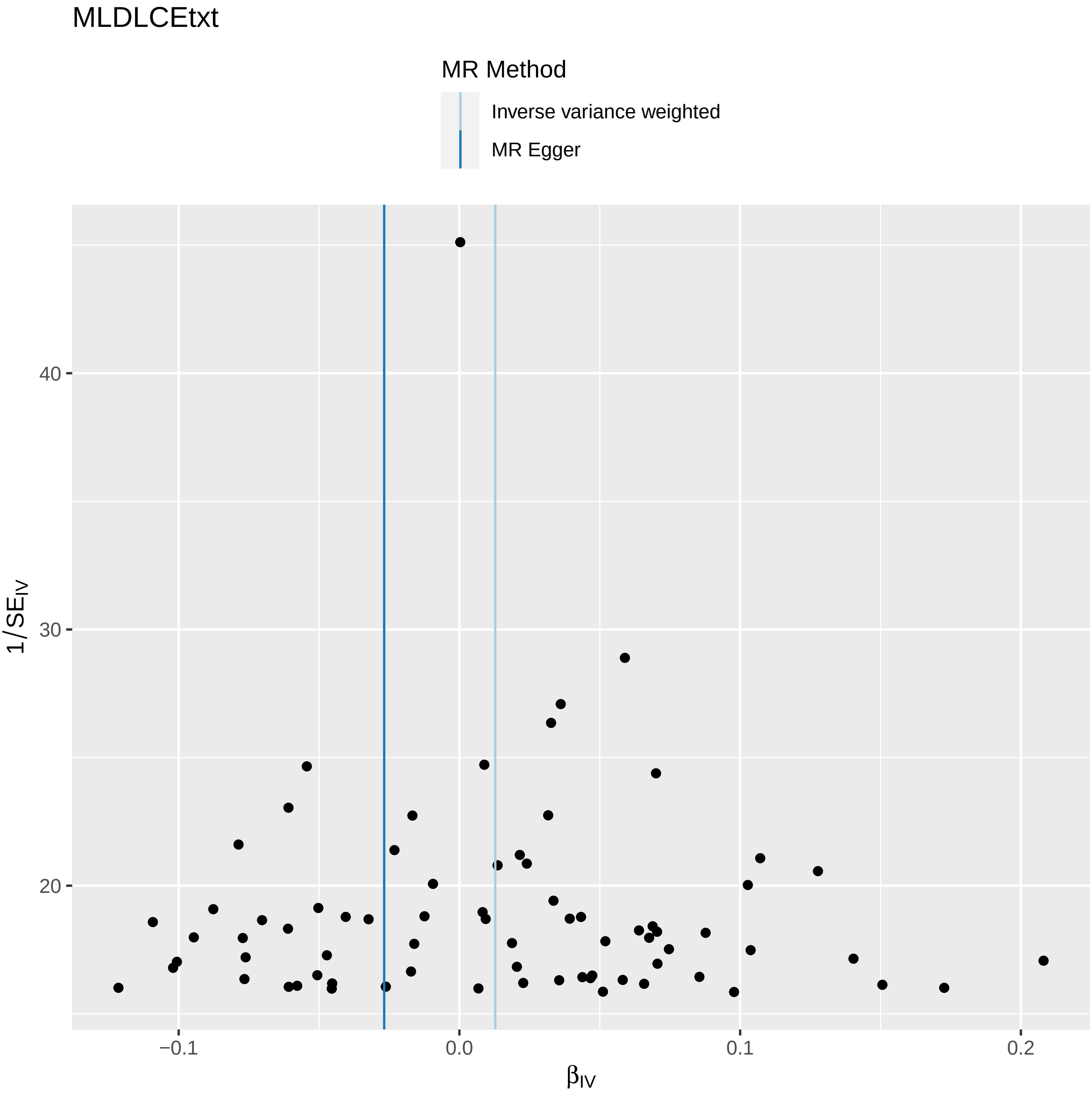
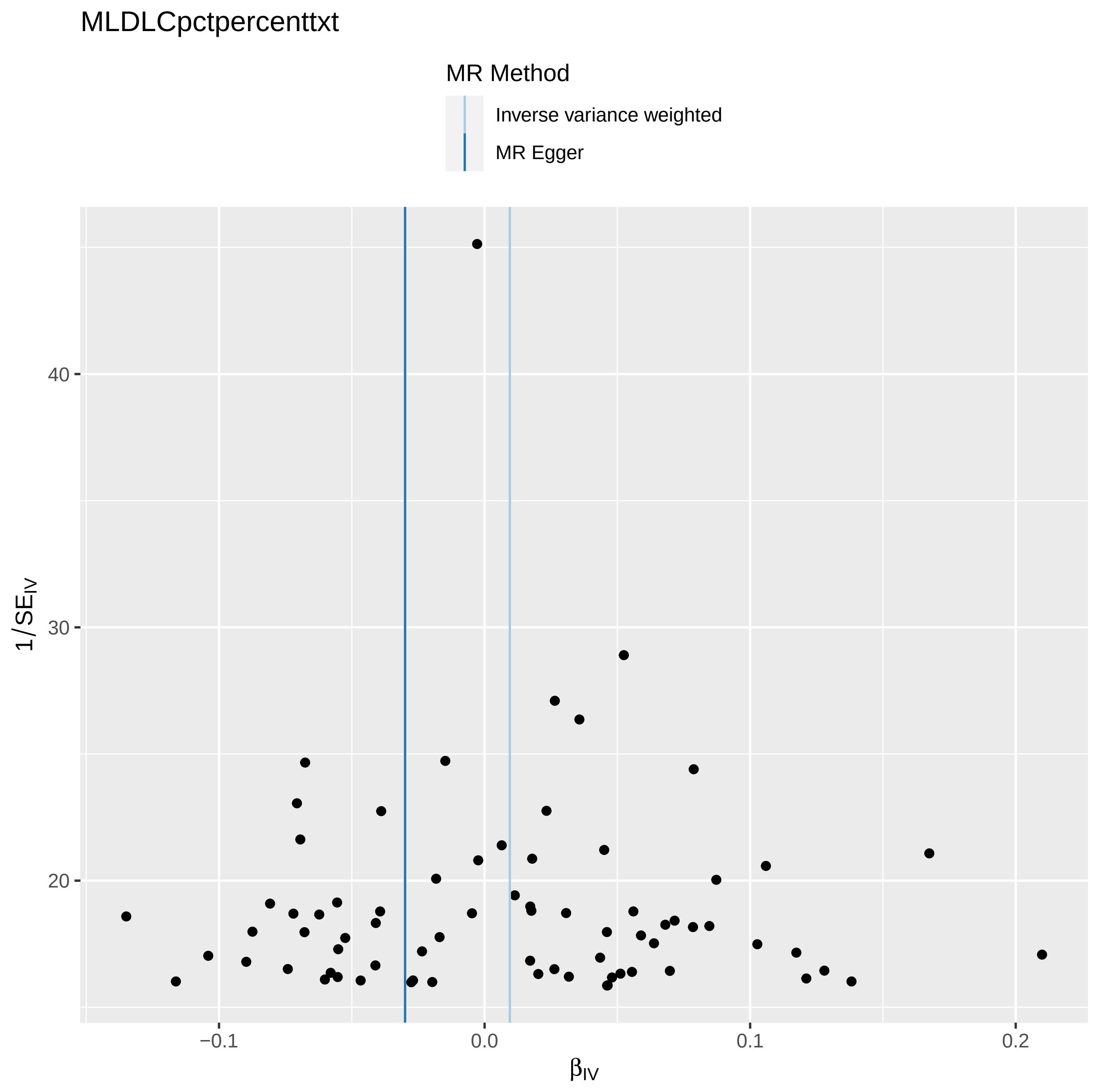
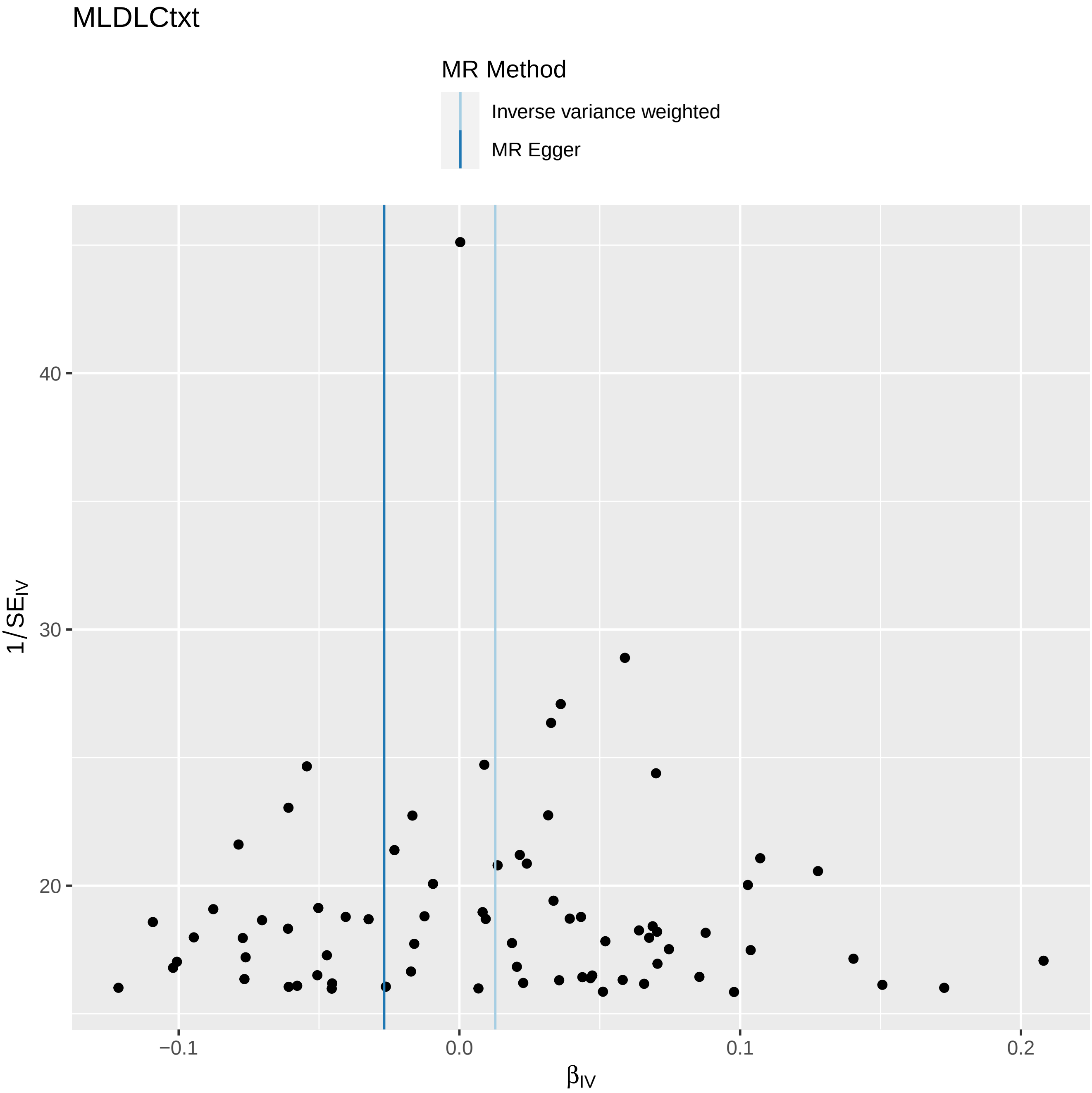
30
20
1/SE_IV
−0.3
−0.2
−0.1
0.0
0.1
0.2
β_IV

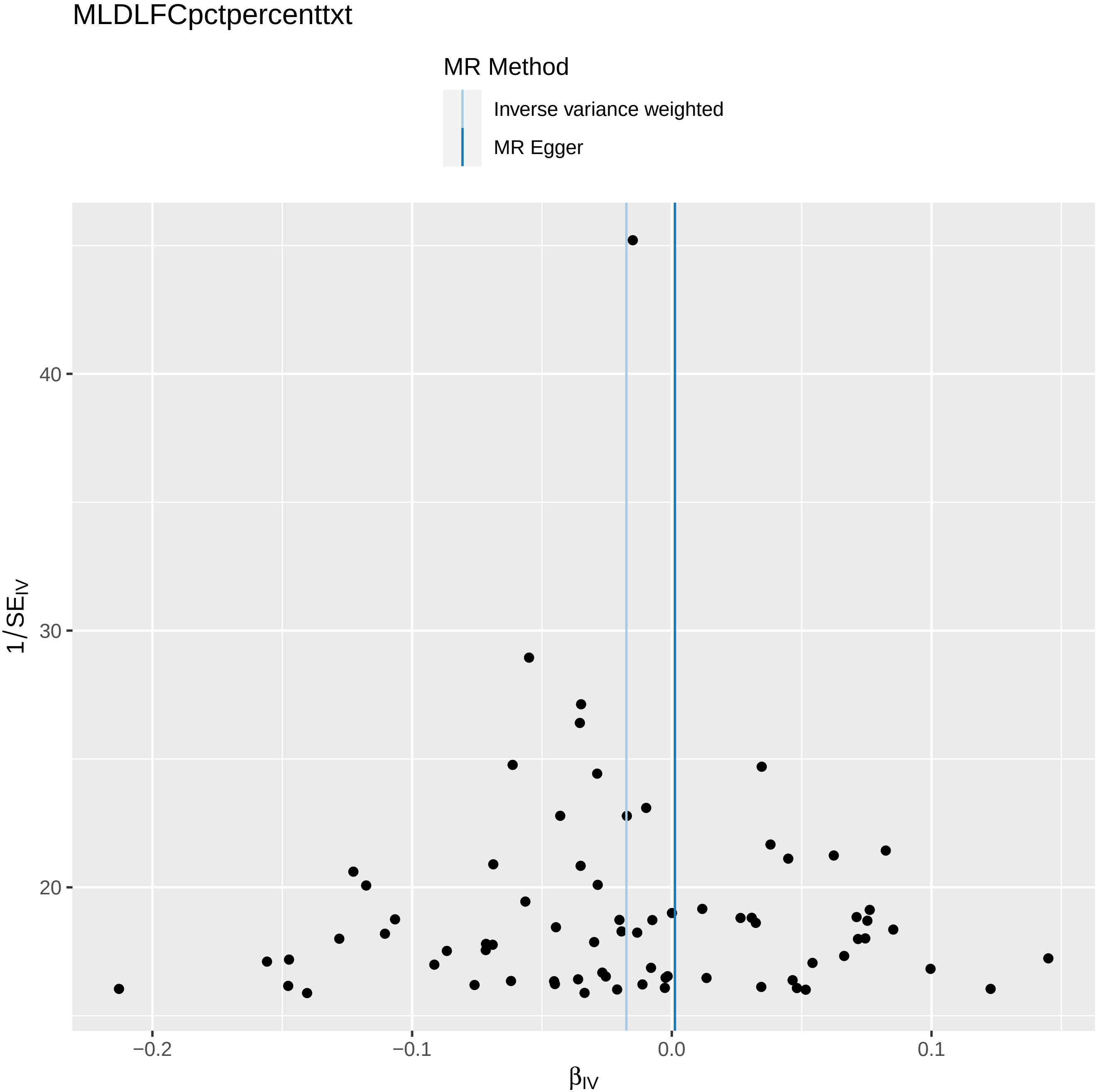

MHDLTGtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.3
−0.2
−0.1
0.0
0.1
0.2
β_IV

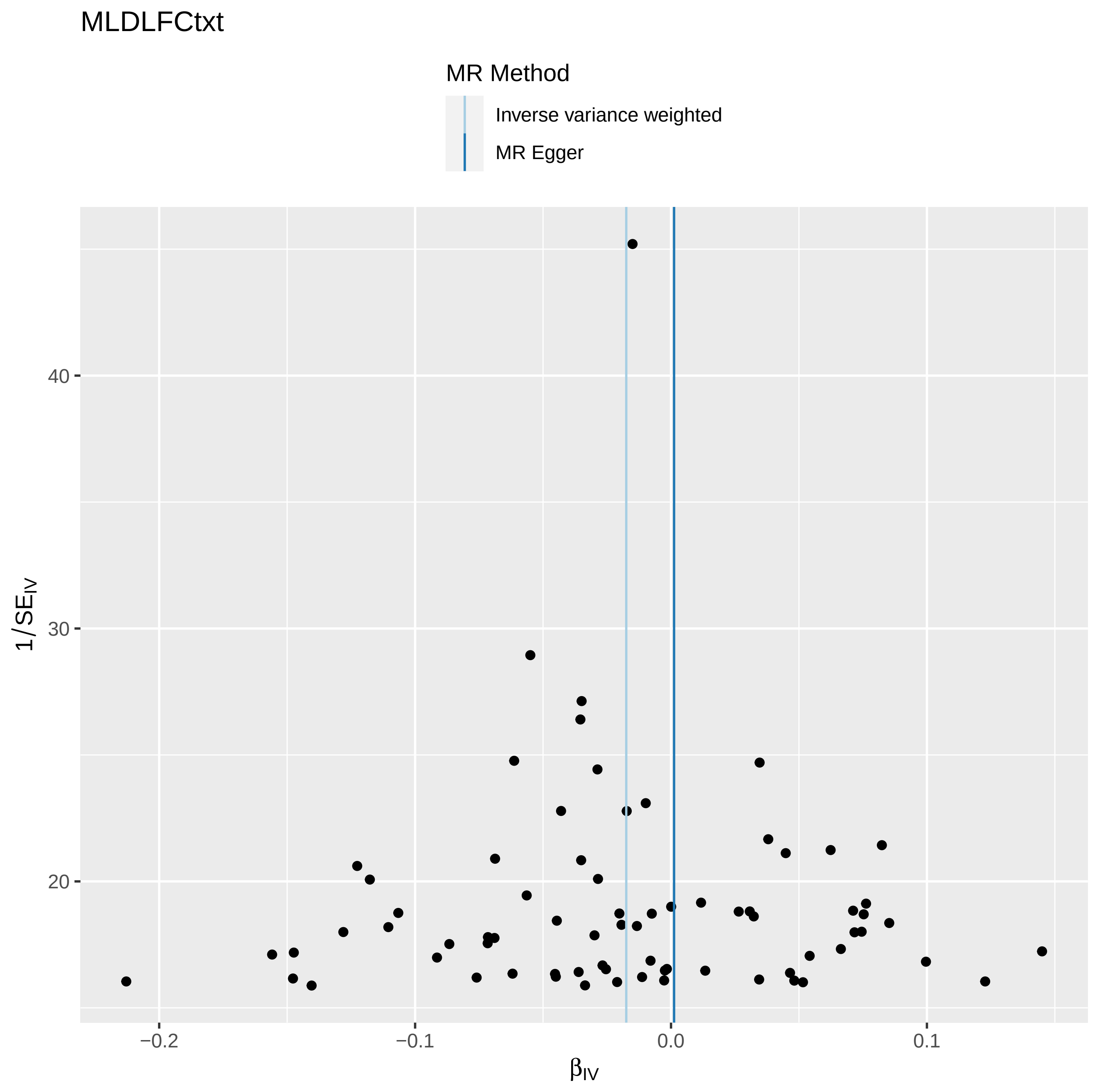

MLDLCEpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
0.2
β$_{IV}$

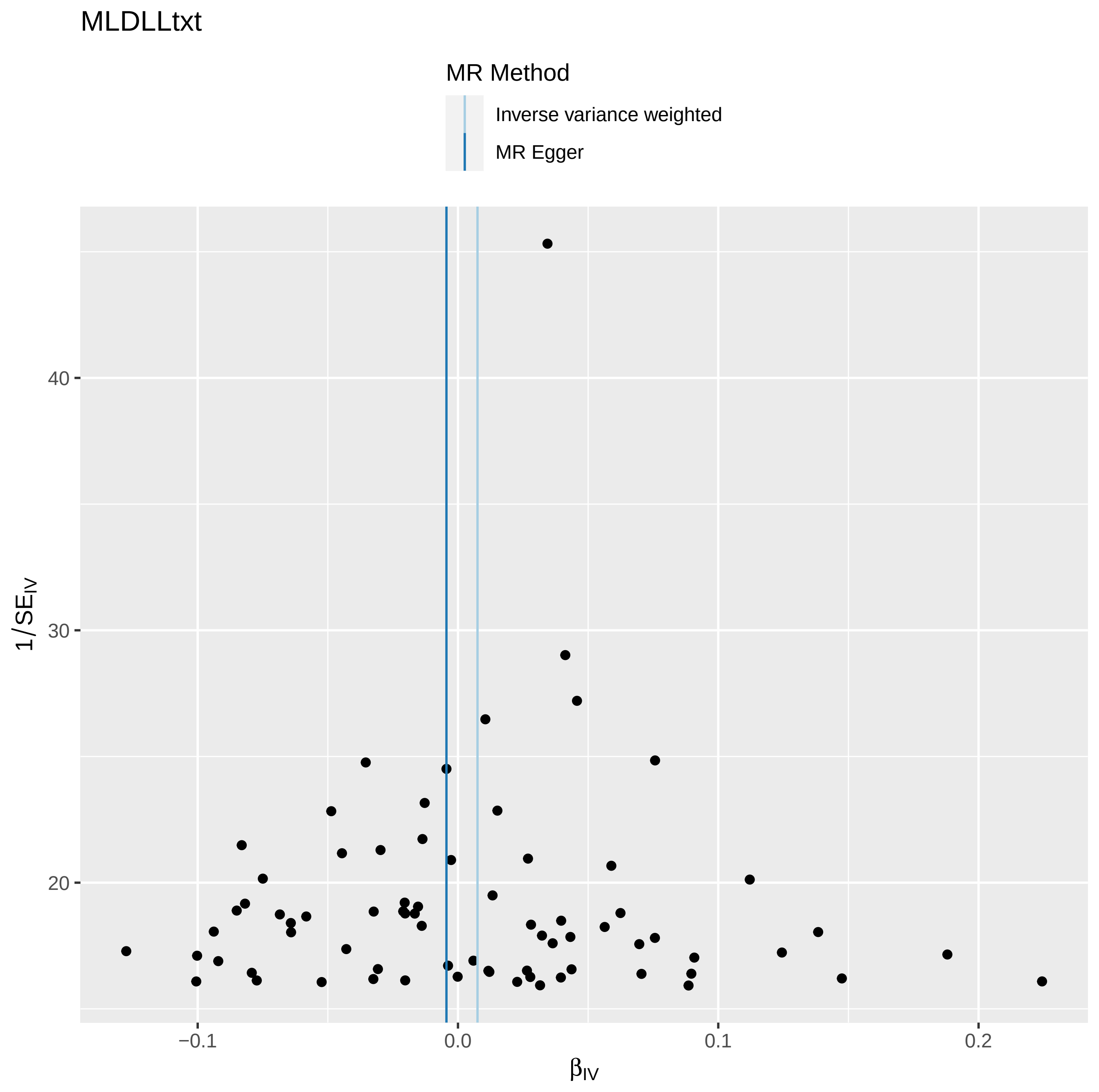

MLDLCEtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
β$_{IV}$

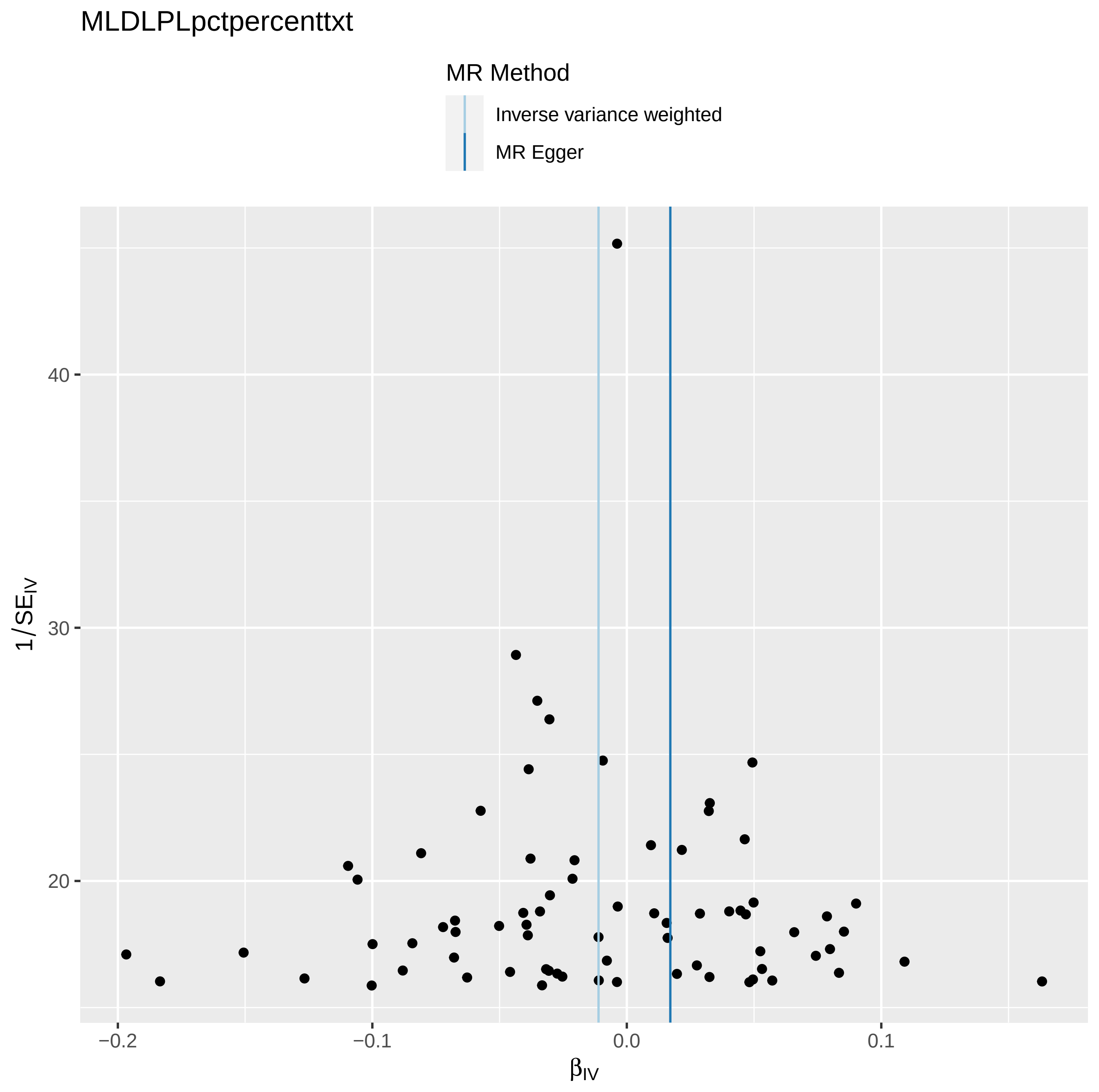

MLDLCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.1
0.0
0.1
0.2
$\beta_{IV}$


MLDLCtxt
MR Method
Inverse variance weighted
MR Egger
1/$SE_{IV}$
40
30
20
−0.1
0.0
0.1
0.2
$\beta_{IV}$

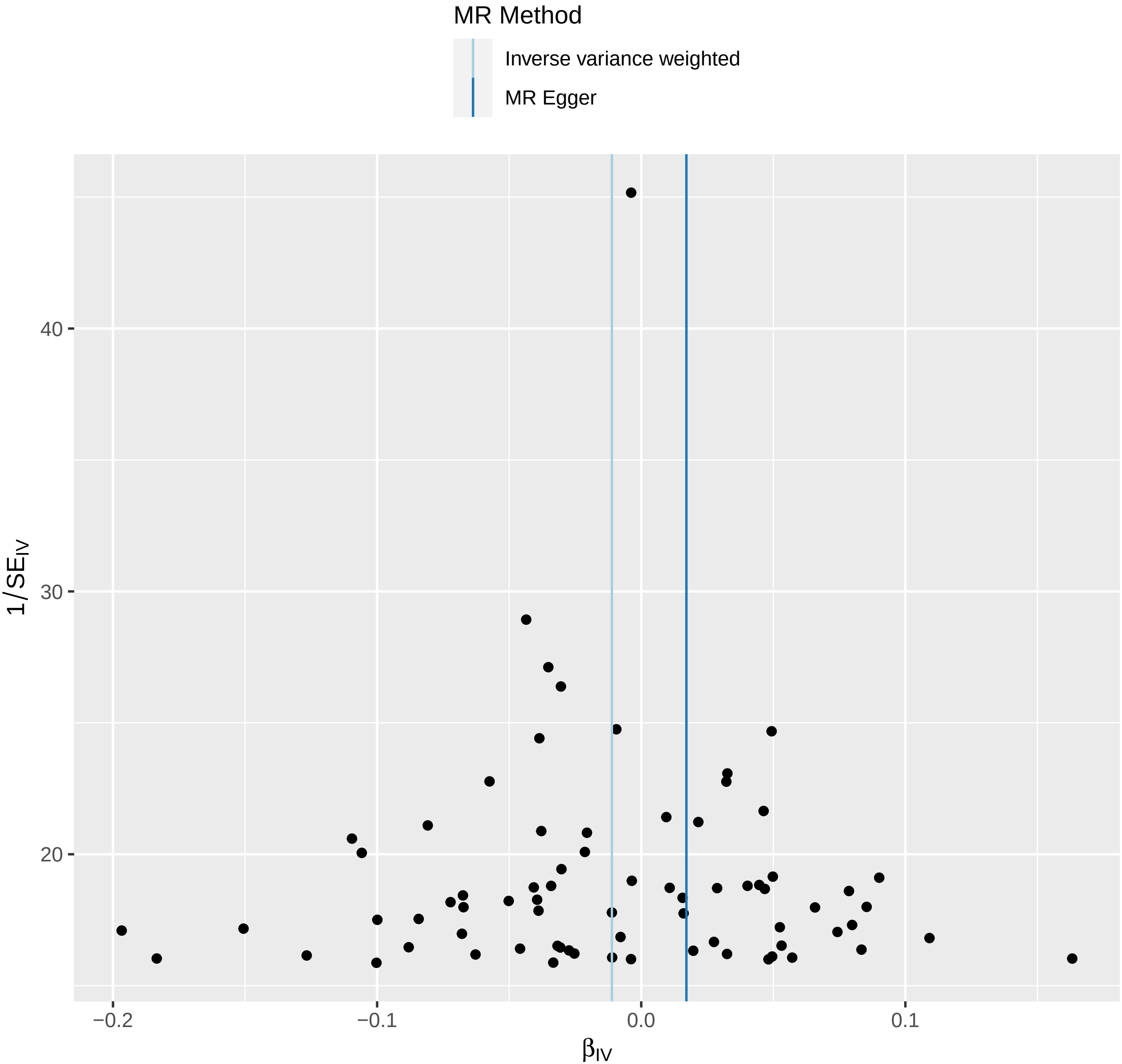

MLDLFCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/$SE_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
$\beta_{IV}$

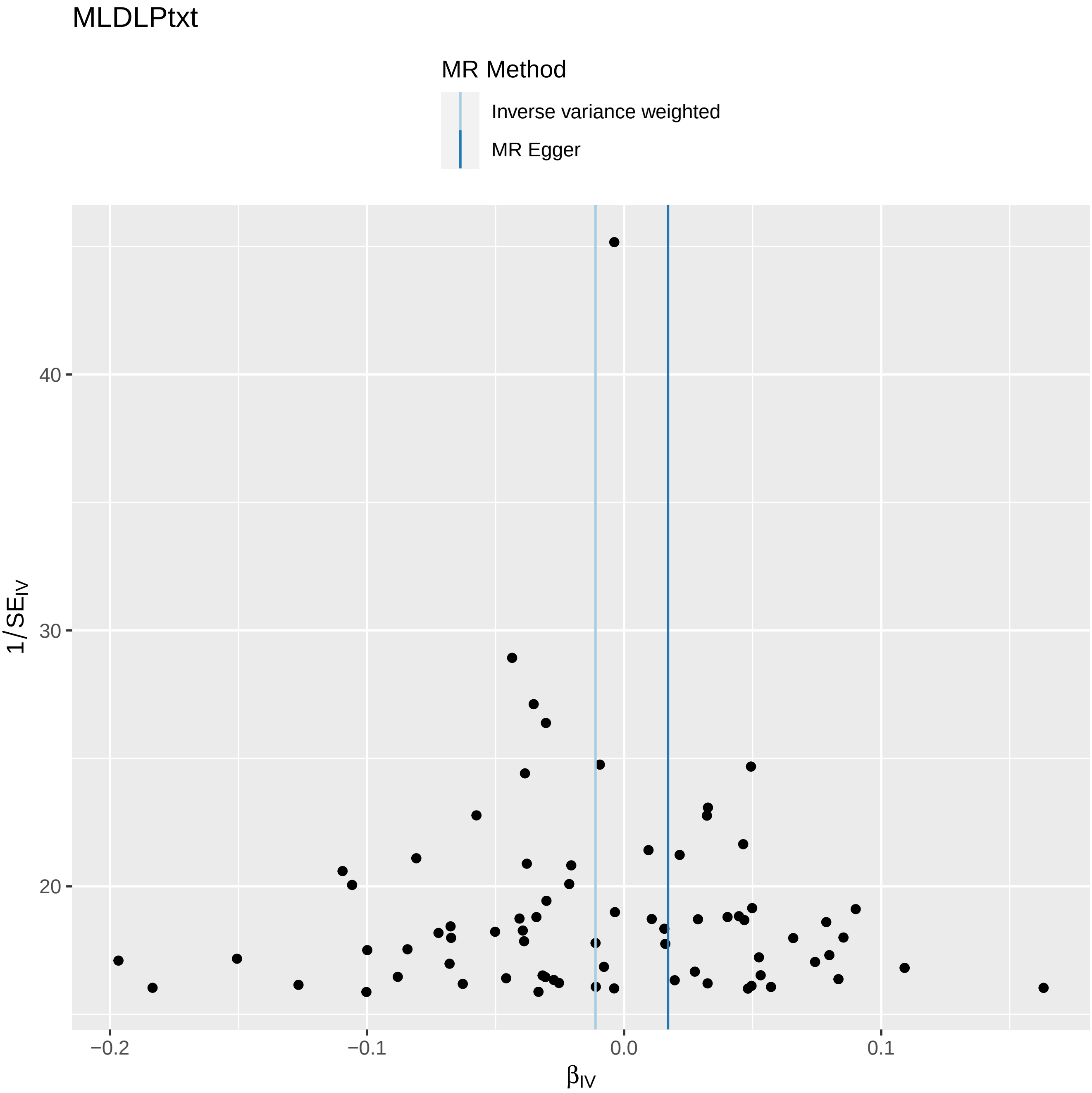

MLDLFCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.2
−0.1
0.0
0.1
$\beta_{IV}$


MLDLLtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
β$_{IV}$

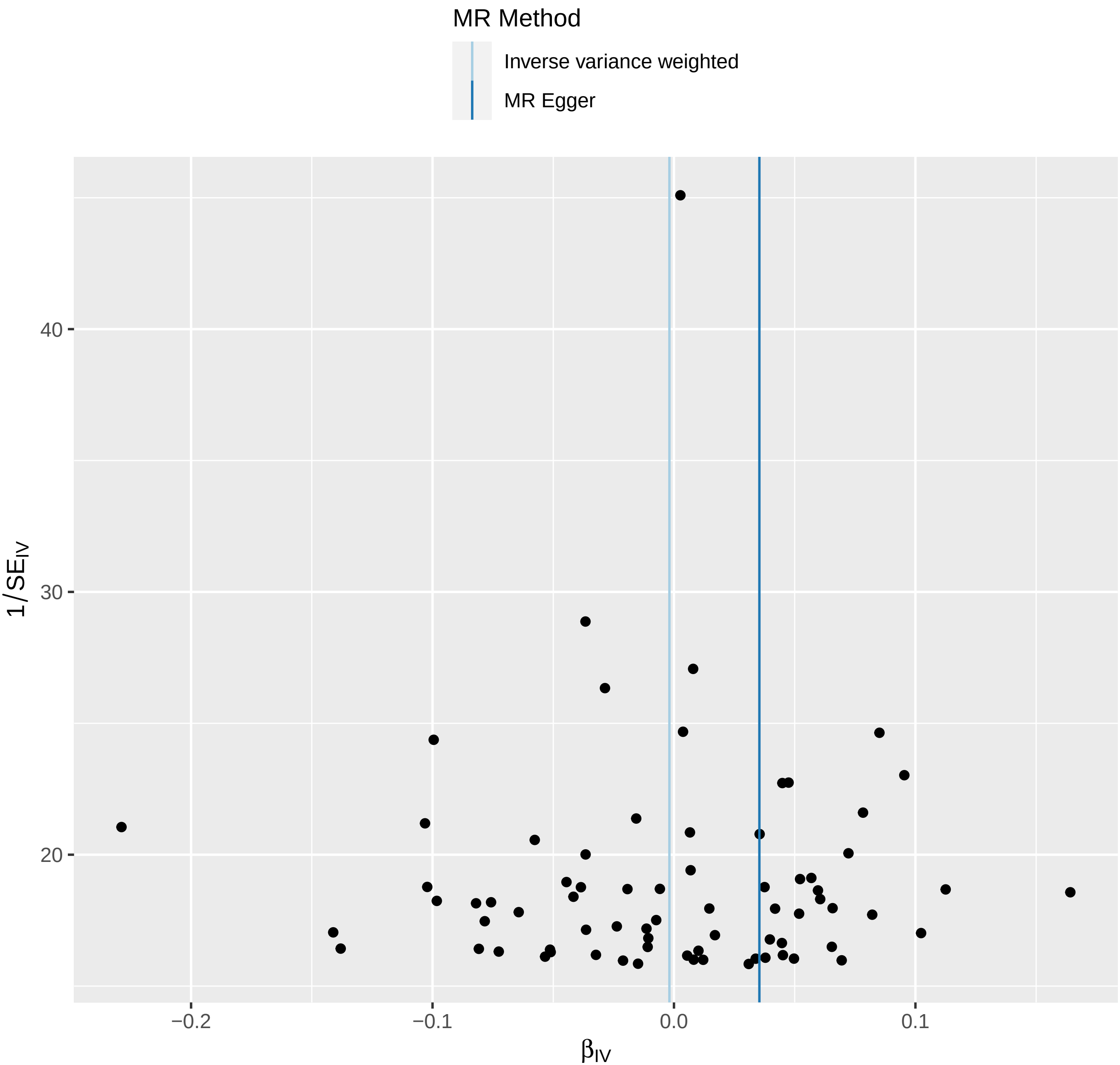

MLDLPLpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
β$_{IV}$

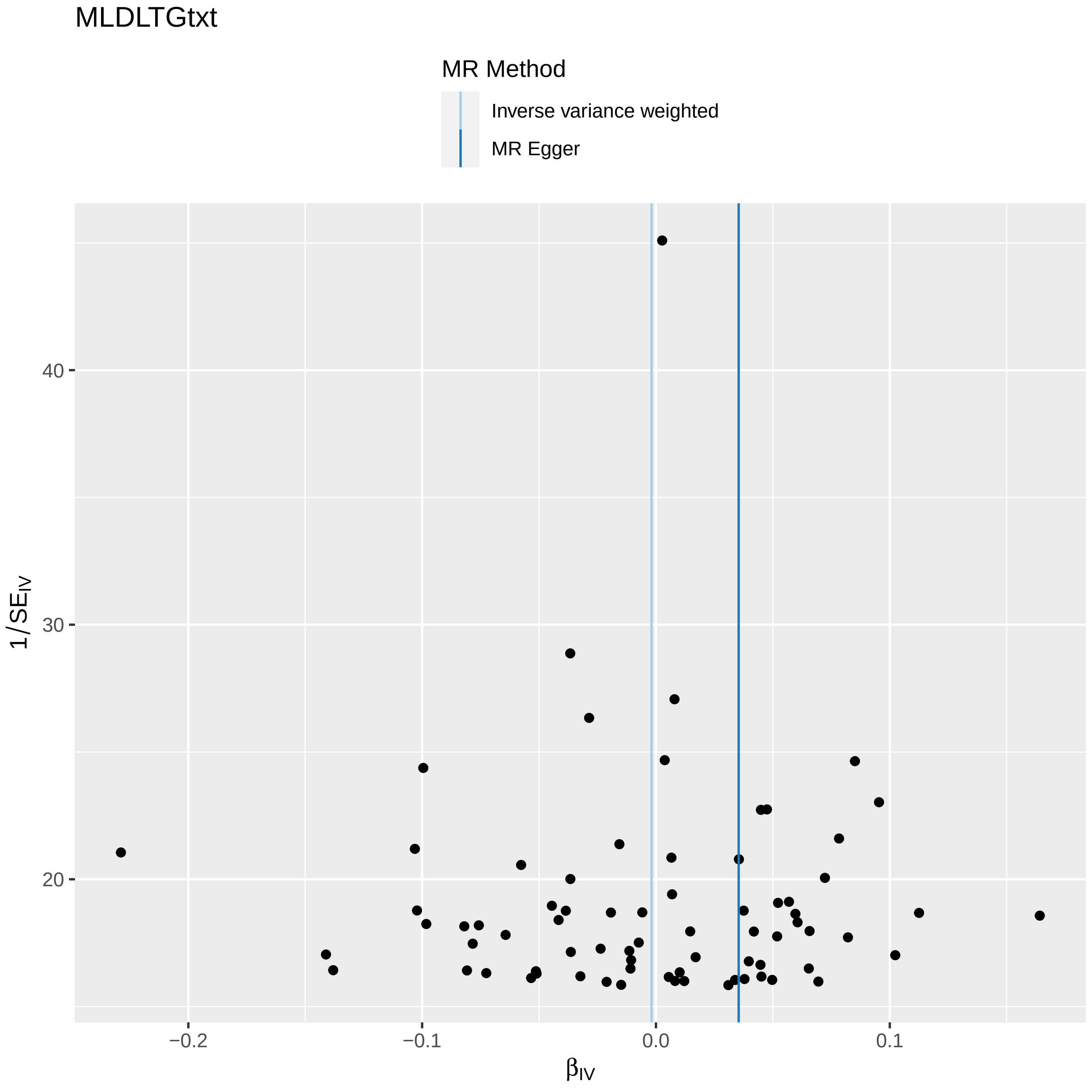
MLDLPLtxt

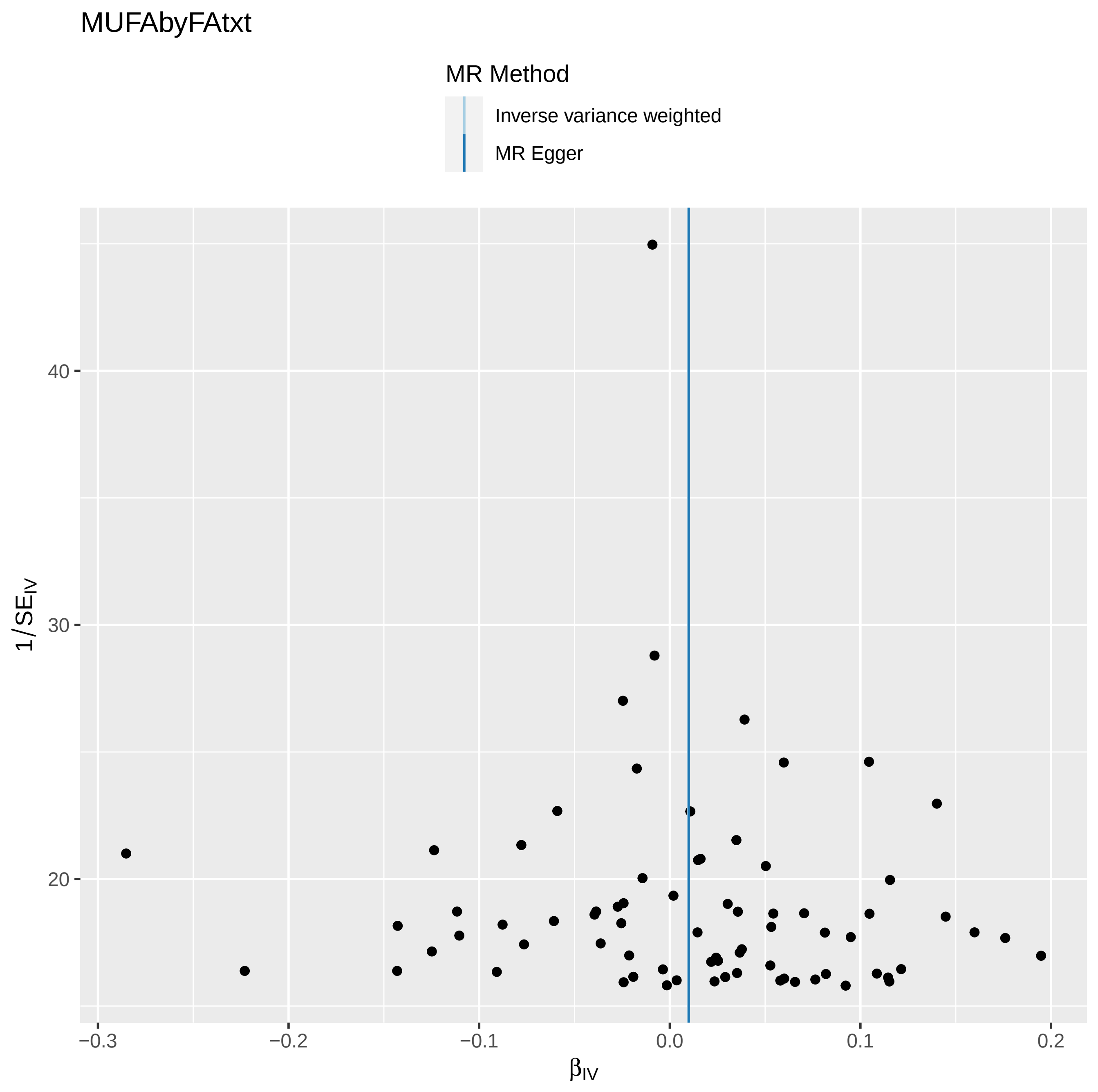

MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
β$_{IV}$

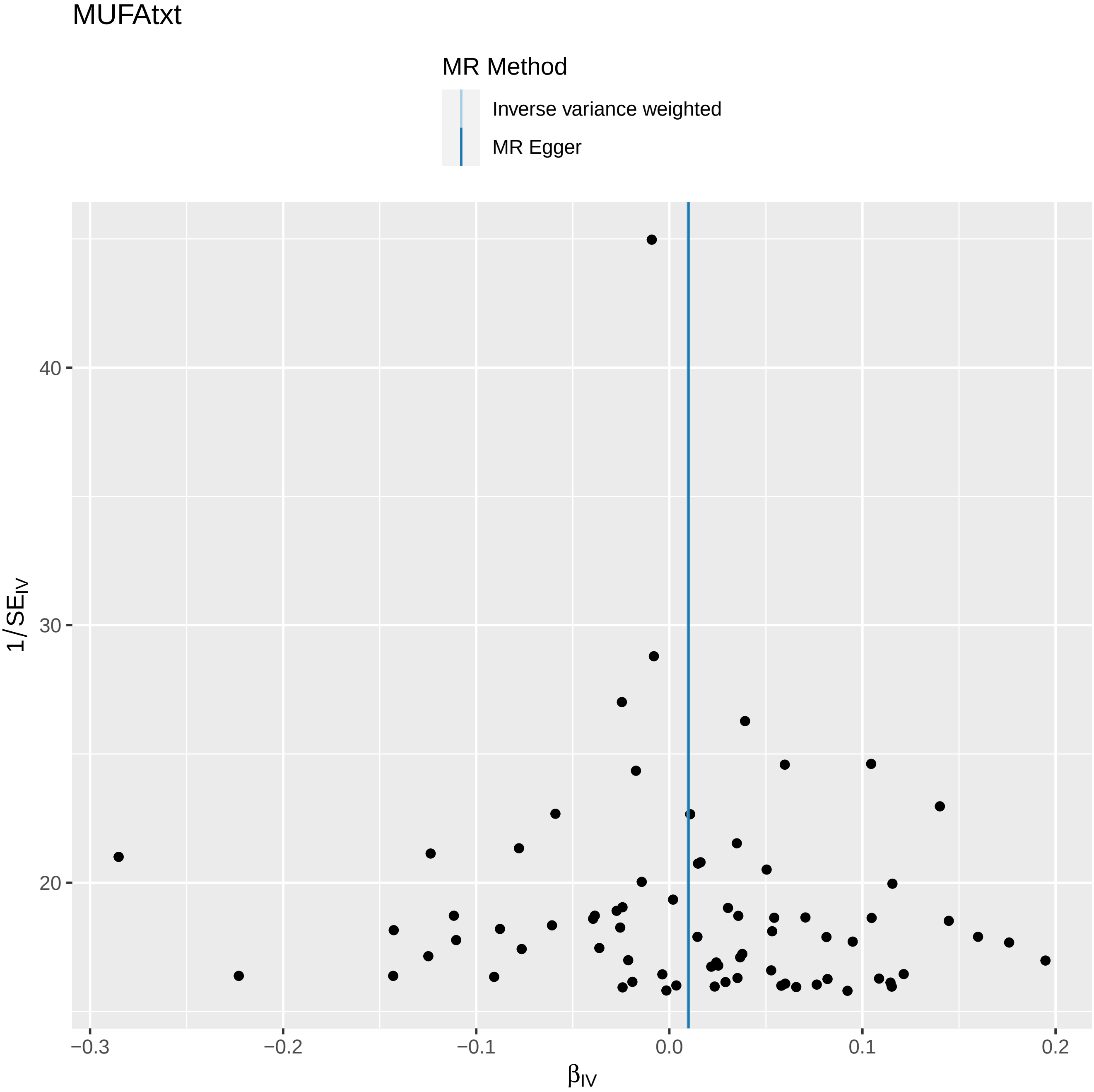

MLDLPtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
β$_{IV}$

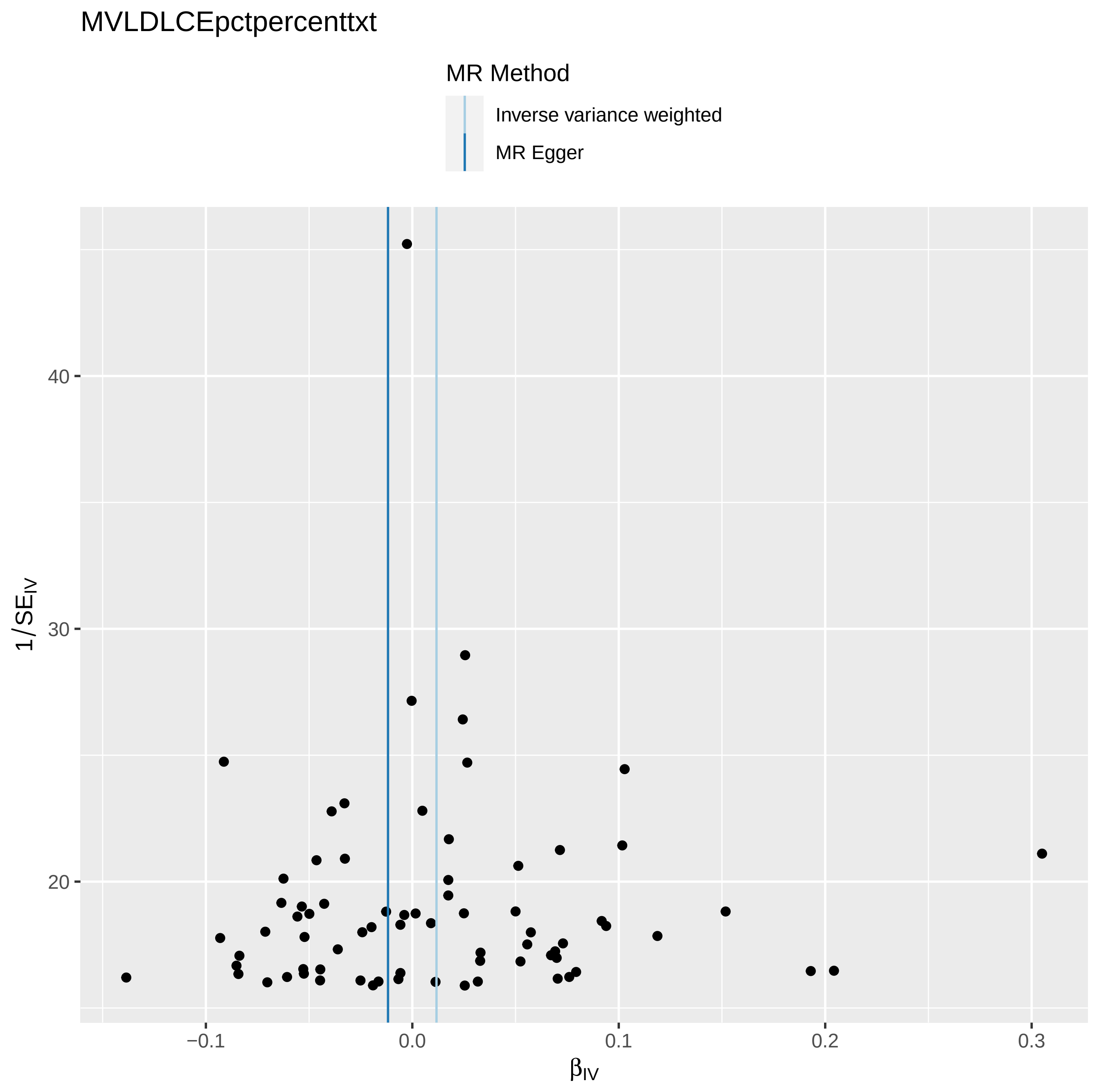
MLDLTGpctpercenttxt



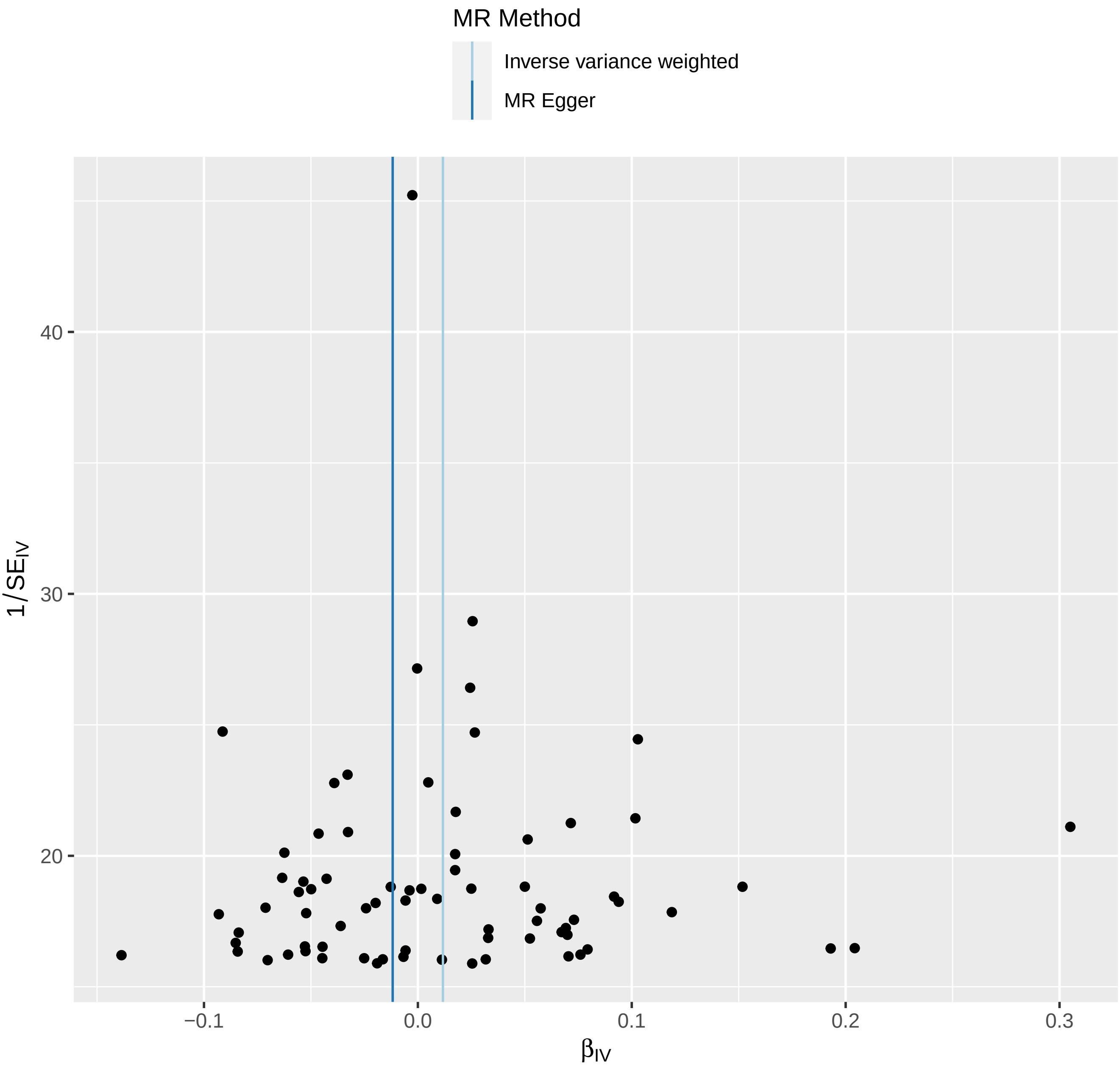

MLDLTGtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.2
−0.1
0.0
0.1
β_IV


MUFAbyFAtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.3
−0.2
−0.1
0.0
0.1
0.2
β$_{IV}$

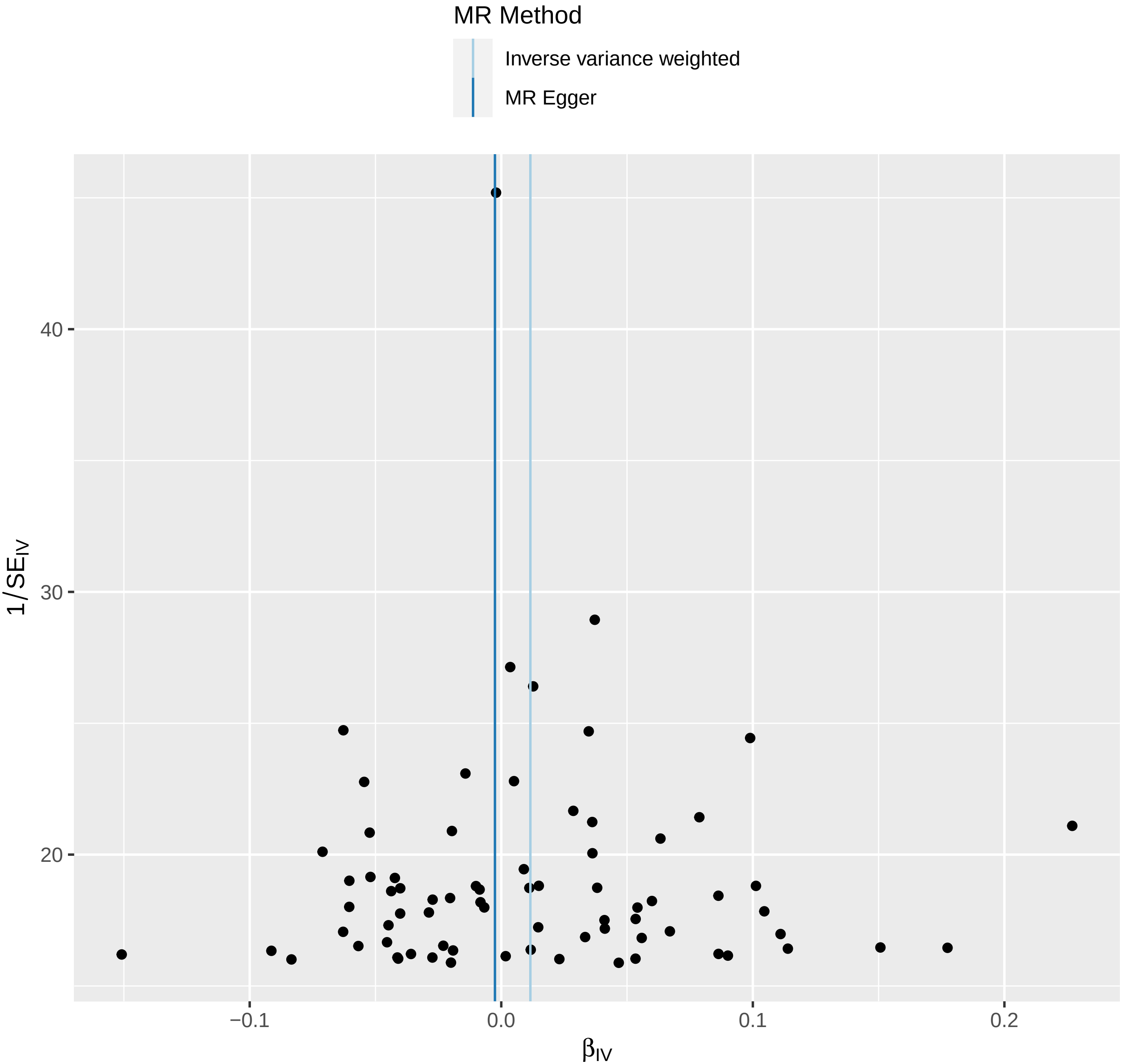

MUFAtxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
30
20
β_IV
−0.3
−0.2
−0.1
0.0
0.1
0.2

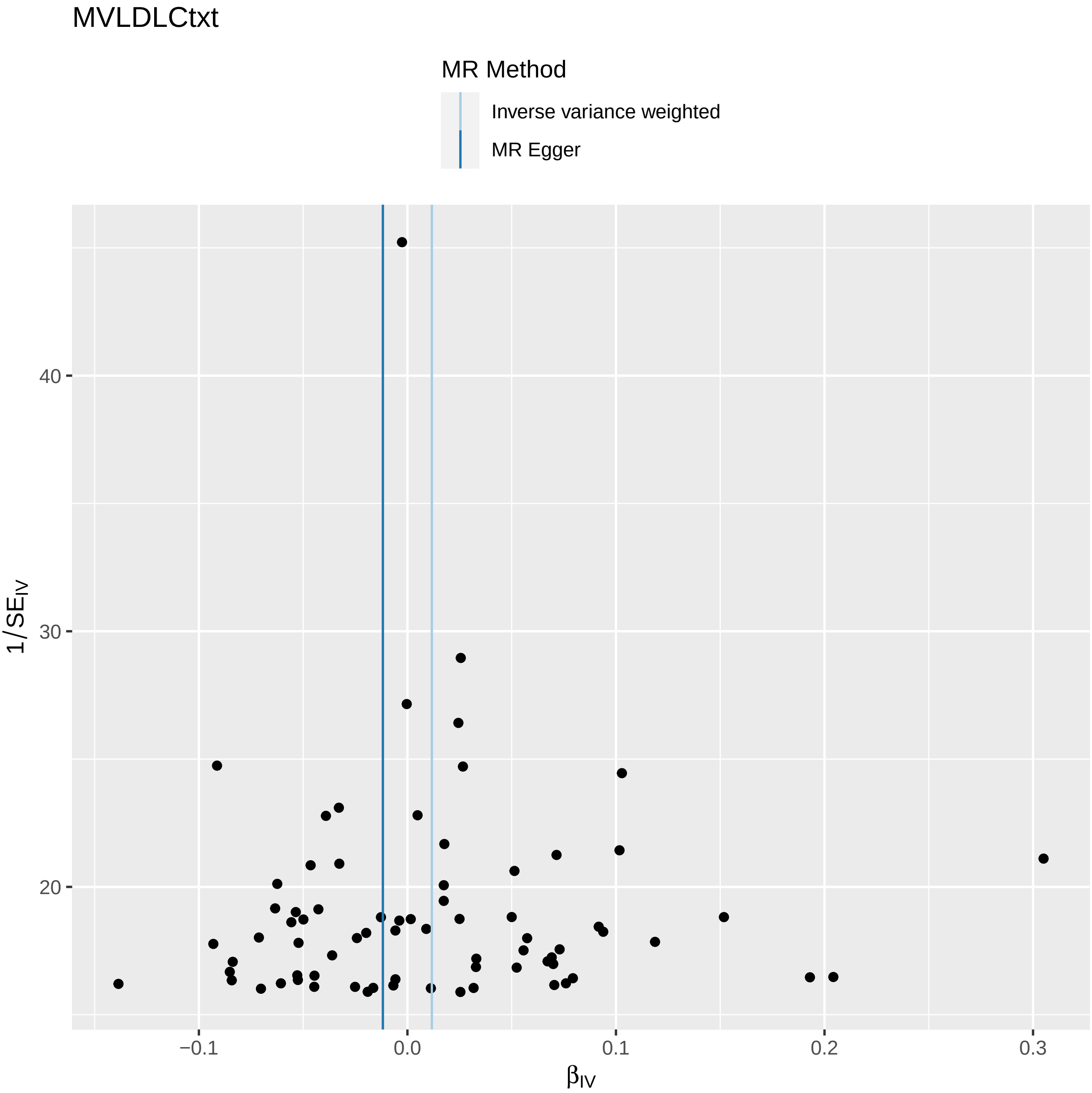

MVLDLCEpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
0.3
β$_{IV}$

MVLDLCEtxt

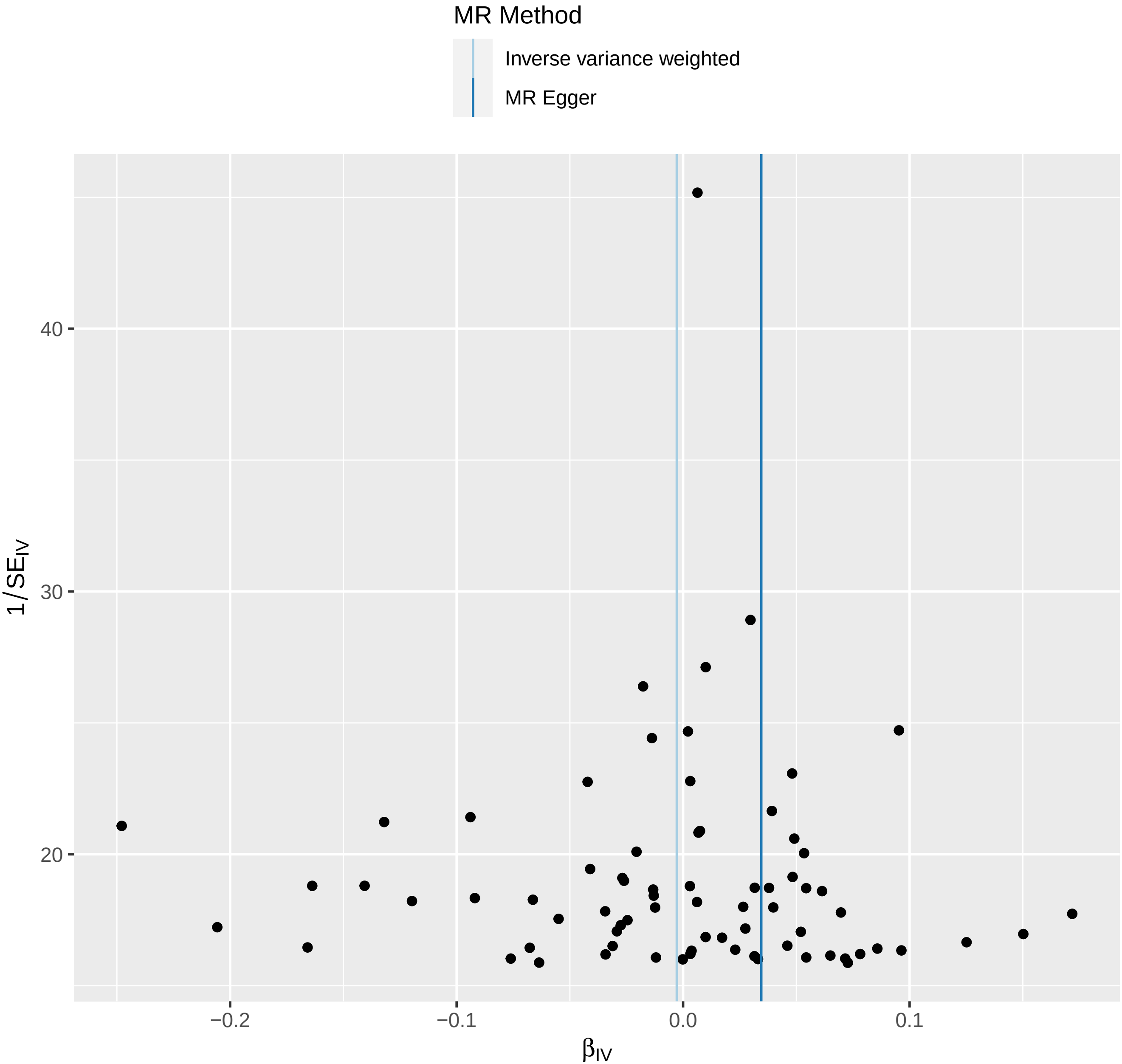

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
0.2
0.3
β$_{IV}$

MVLDLCpctpercenttxt

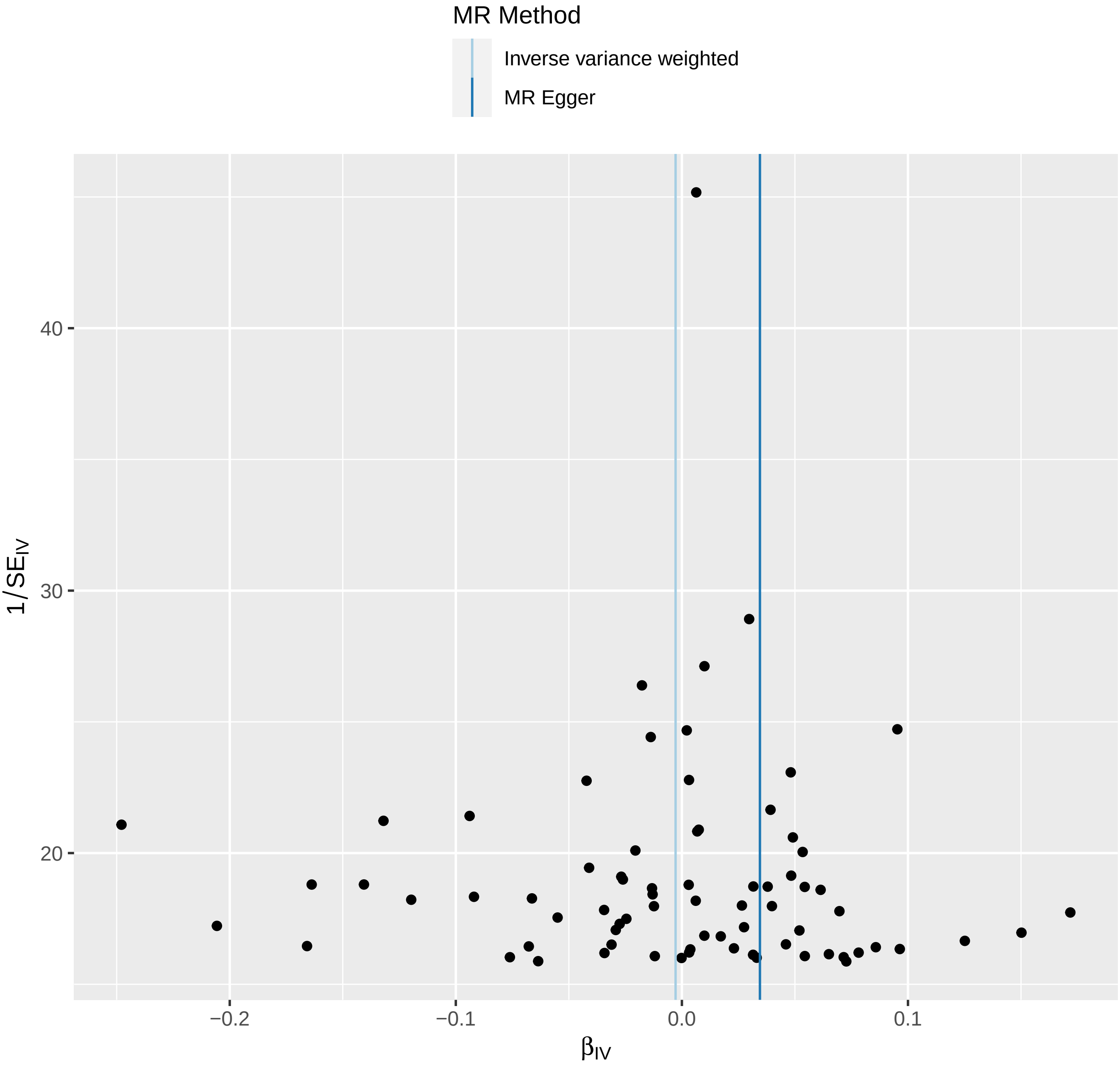


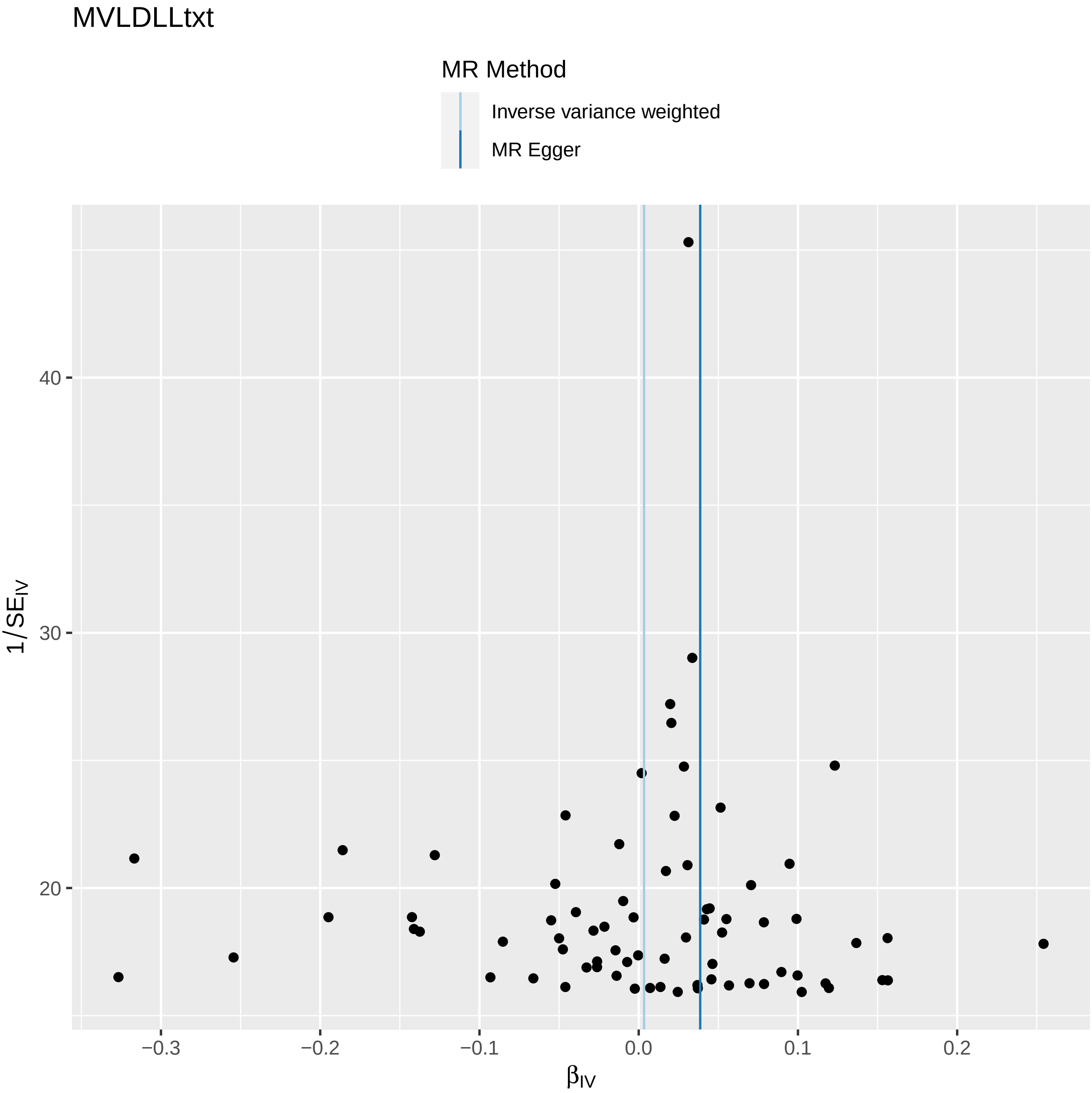

MVLDLCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
0.3
β$_{IV}$

MVLDLFCpctpercenttxt

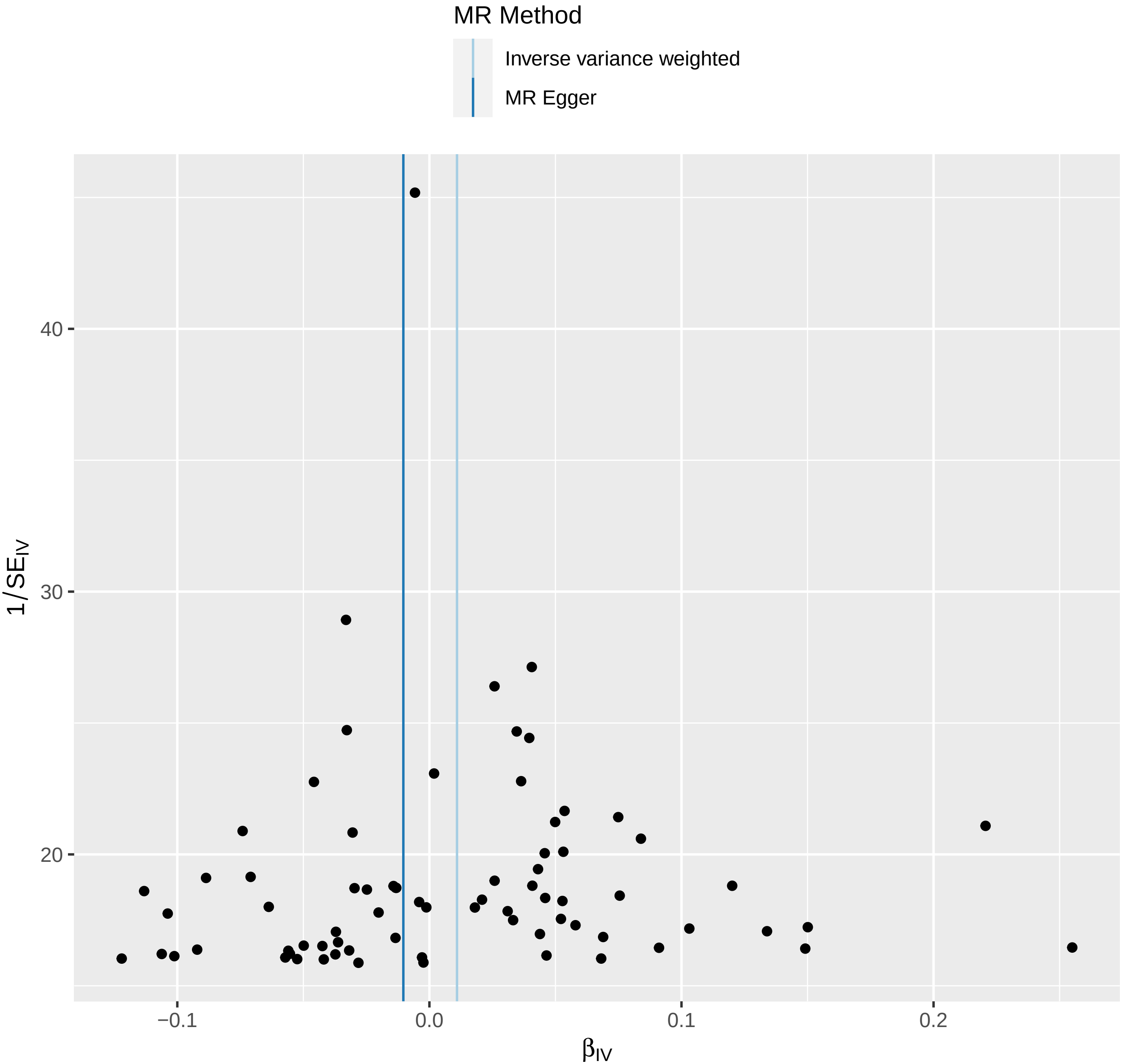


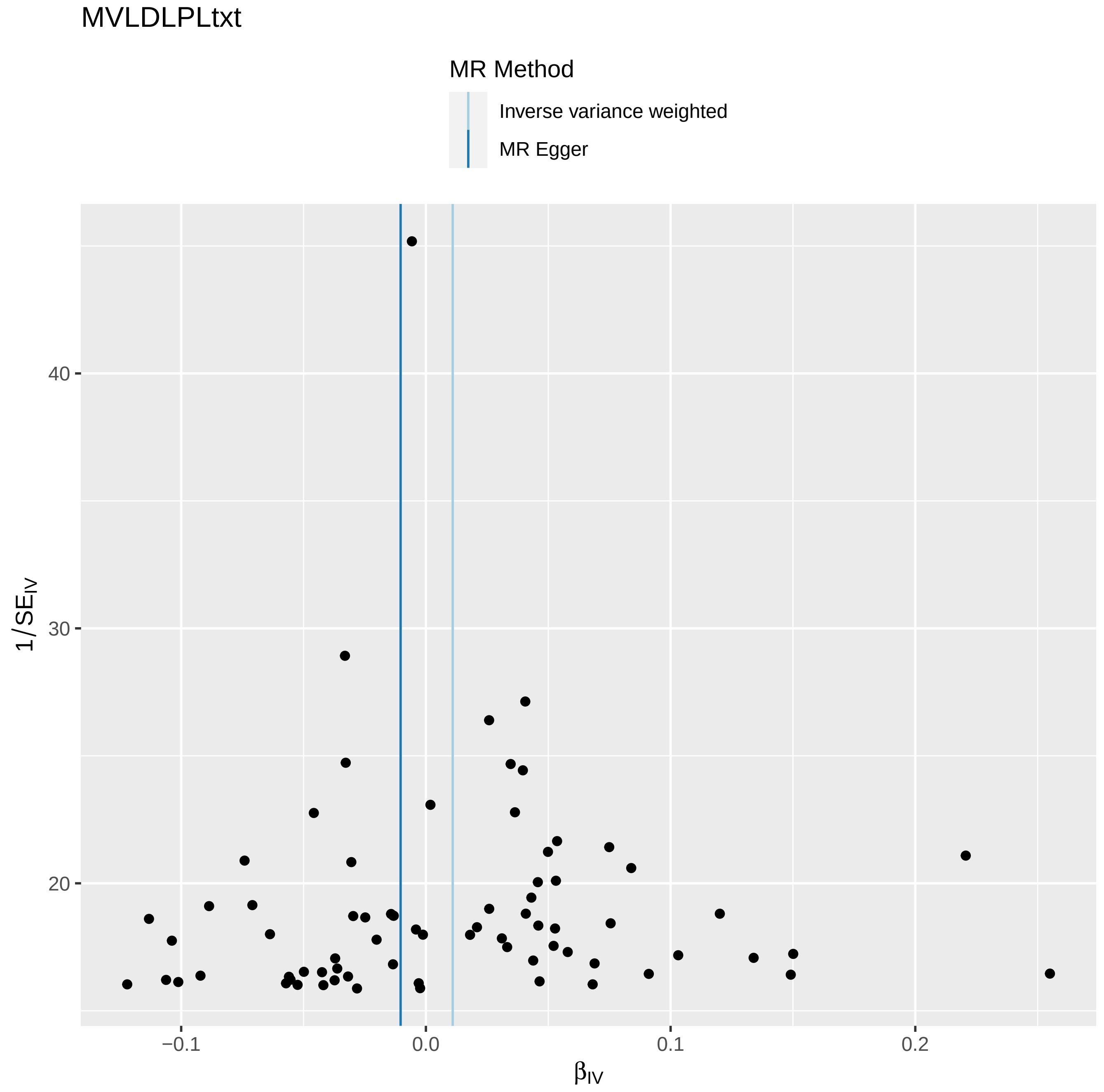
## MVLDLFCtxt

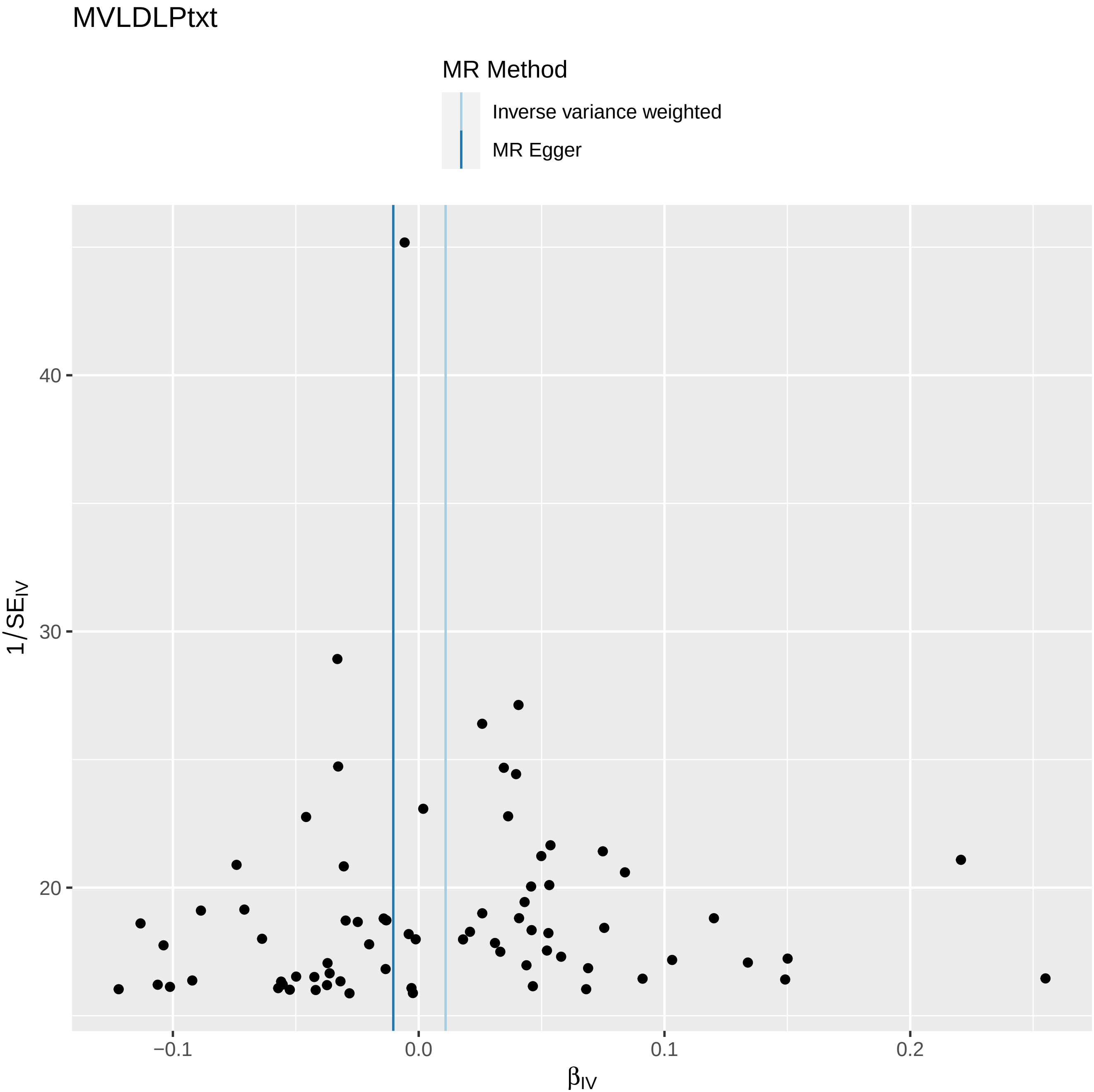

MR Method
Inverse variance weighted
MR Egger
1/$SE_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
$\beta_{IV}$


MVLDLLtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.3
−0.2
−0.1
0.0
0.1
0.2
β$_{IV}$

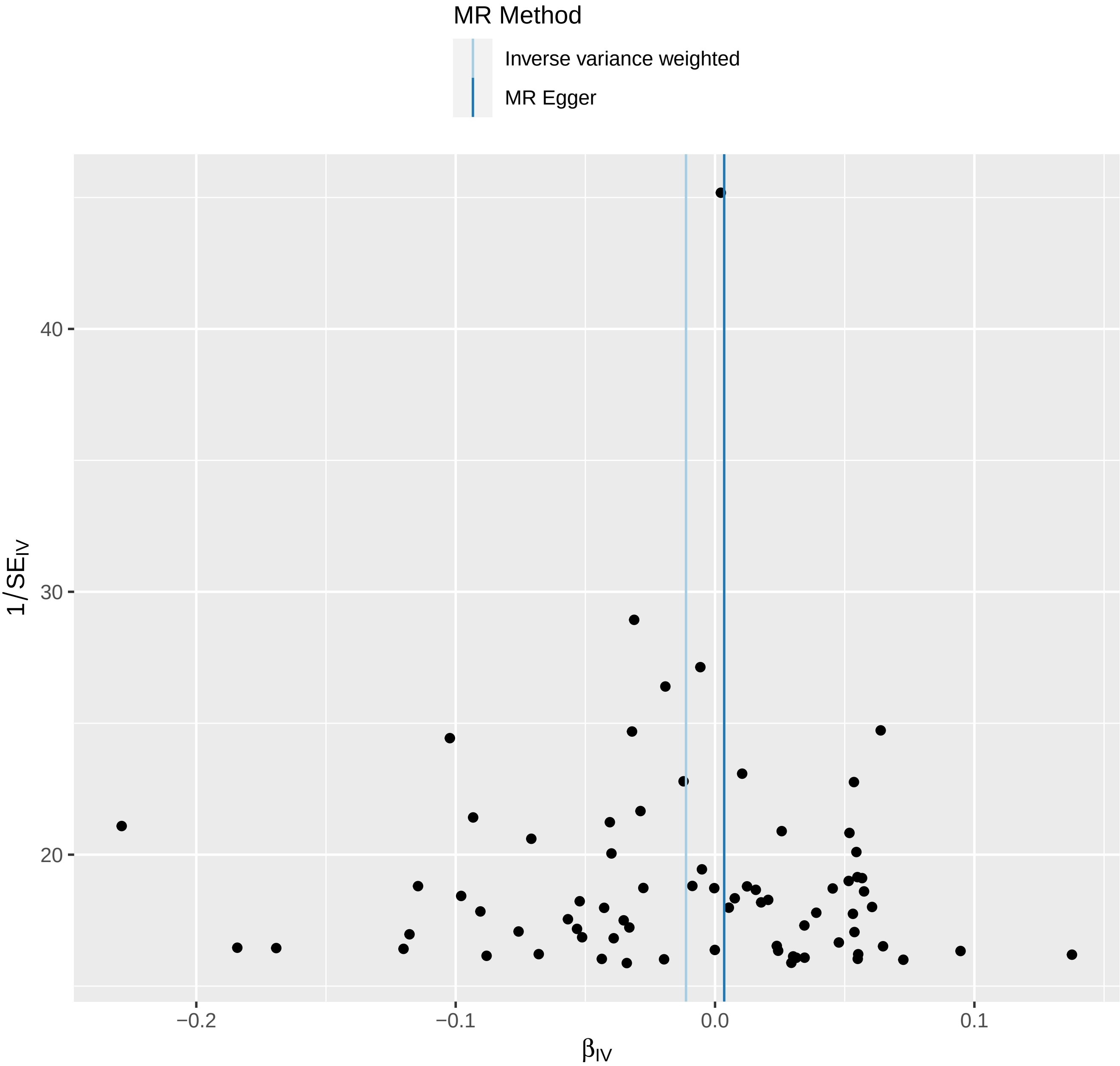
MVLDLPLpctpercenttxt



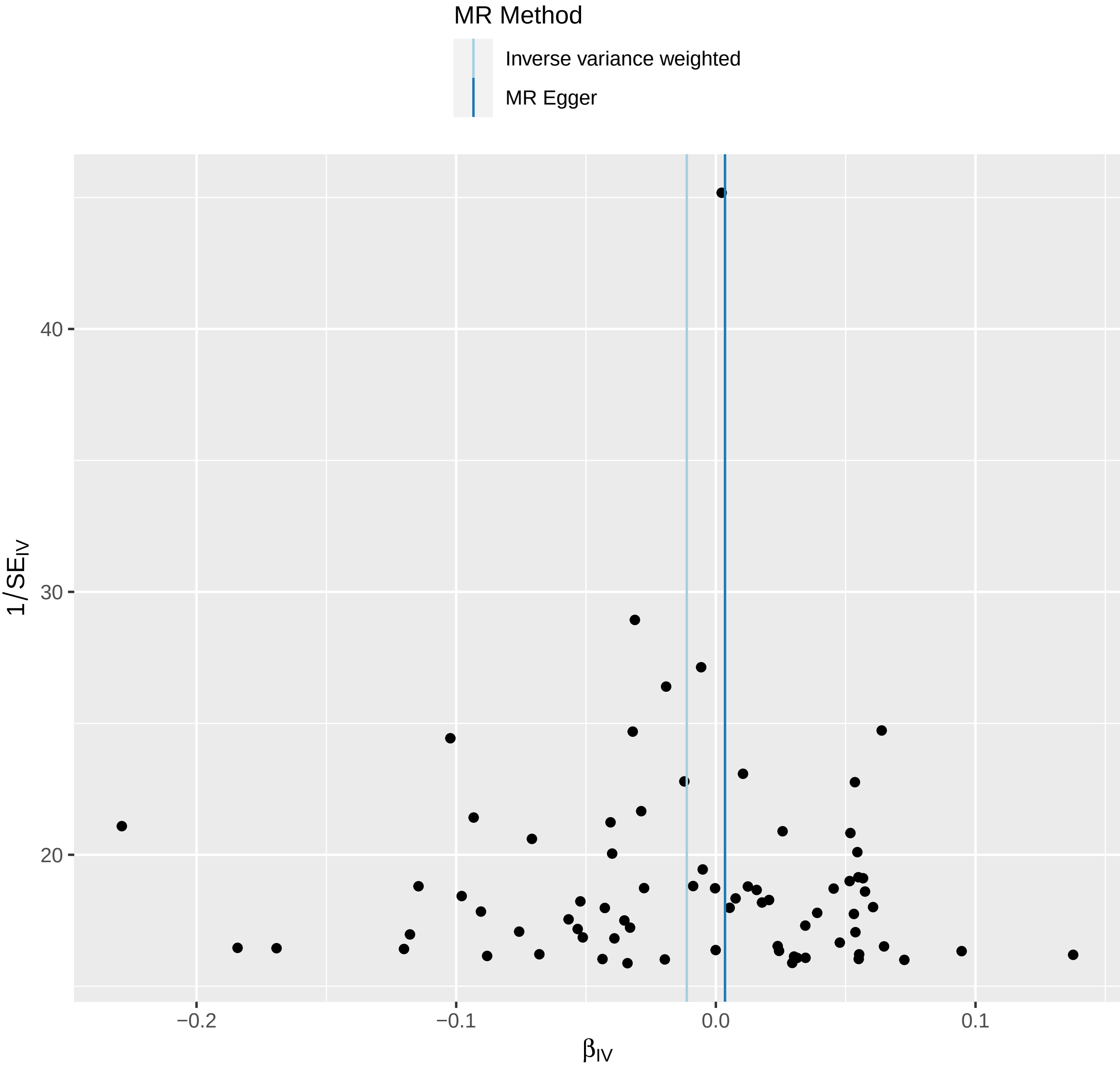

MVLDLPLtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
β$_{IV}$

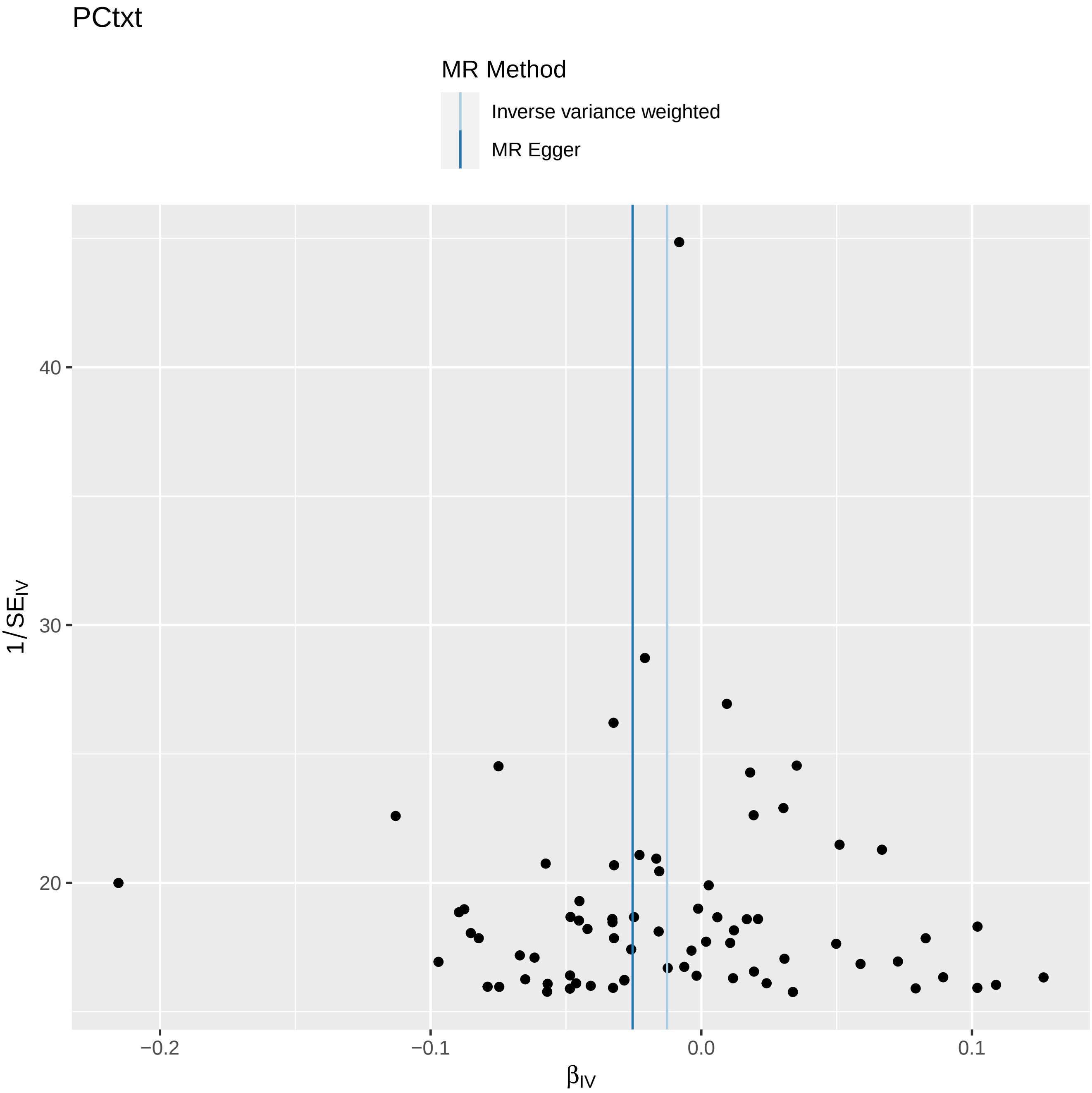

MVLDLPtxt
MR Method
Inverse variance weighted
MR Egger
1/$SE_{IV}$
40
30
20
−0.1
0.0
0.1
0.2
$\beta_{IV}$

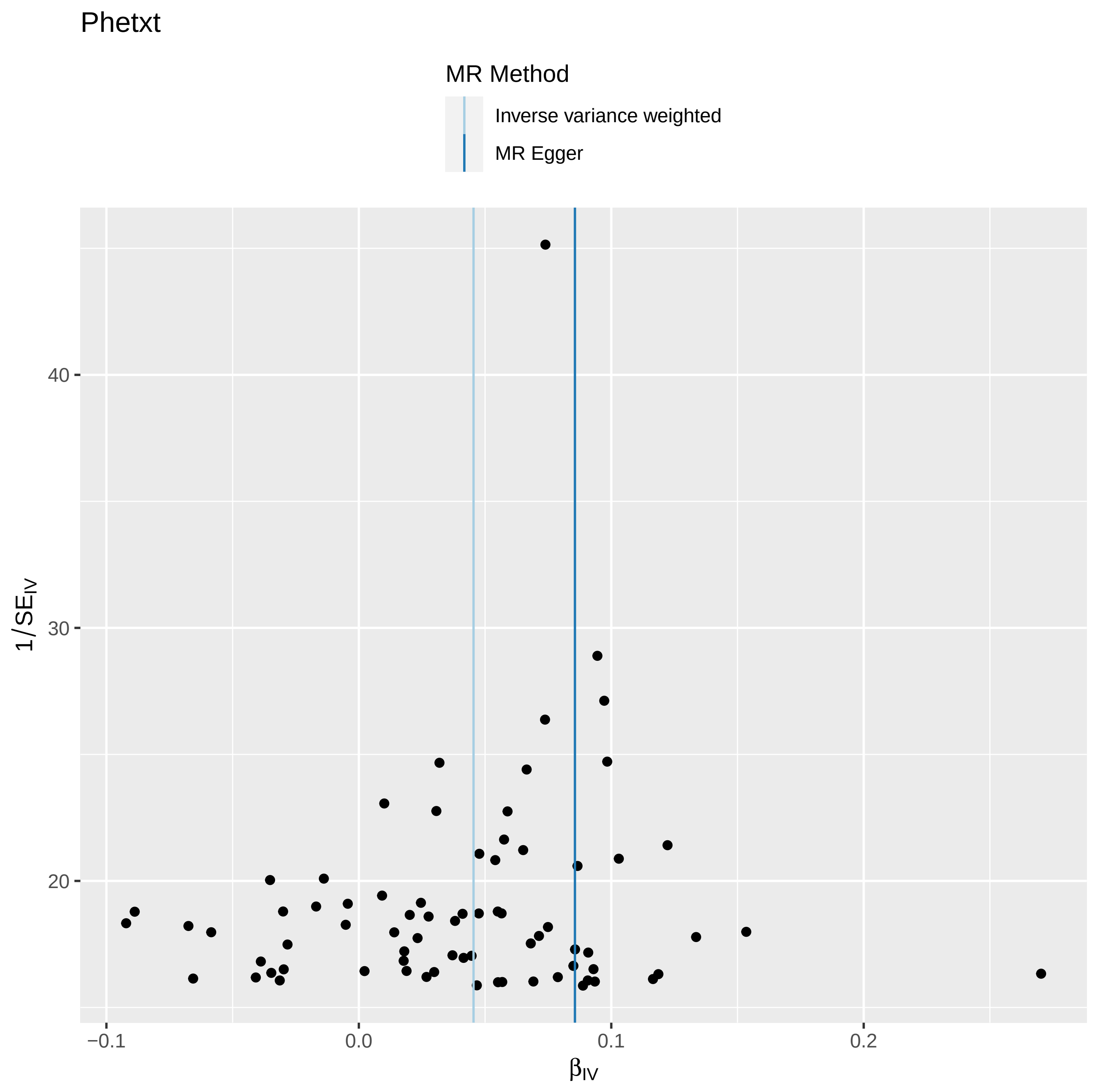
# MVLDLTGpctpercenttxt

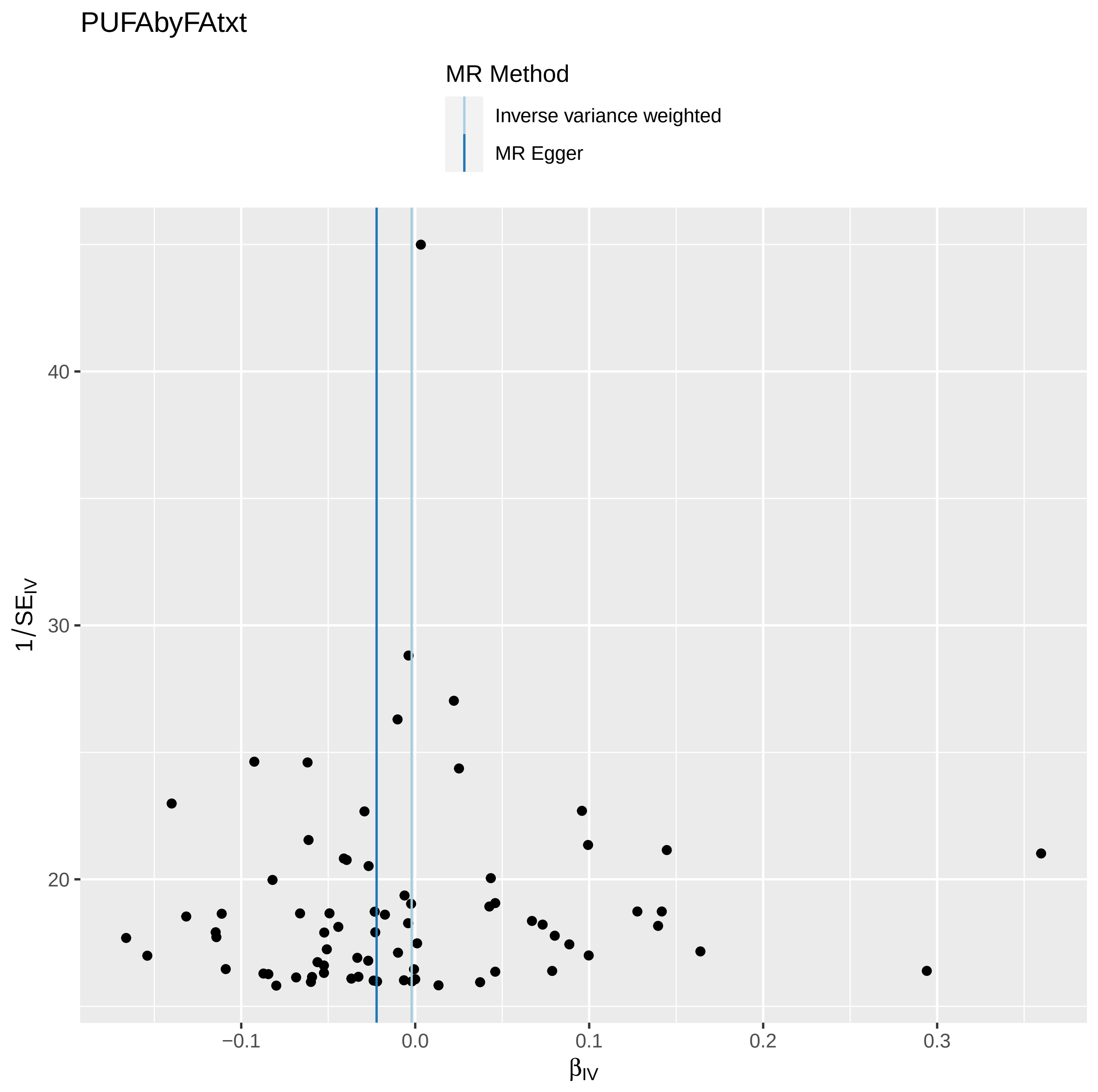


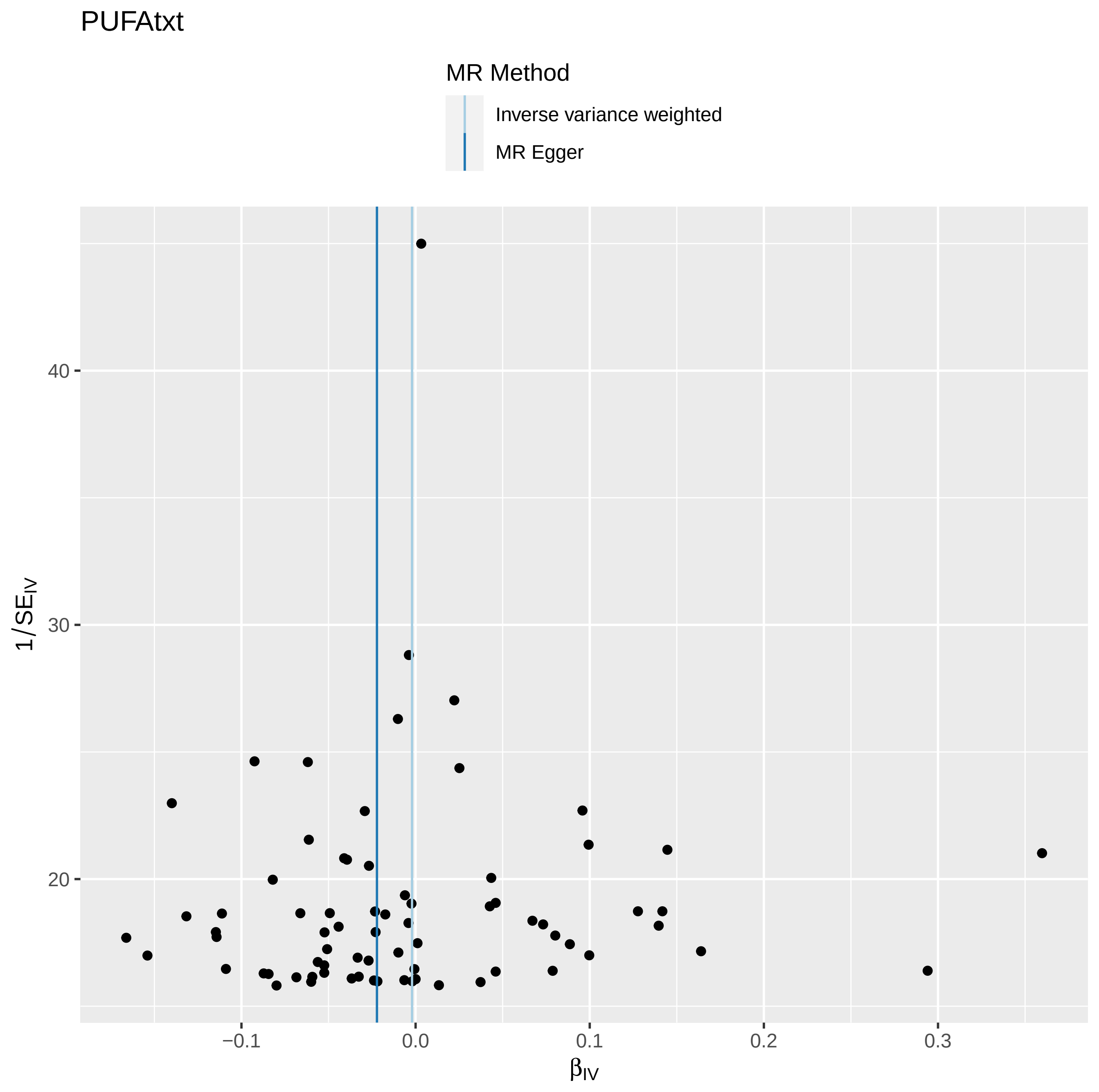
MVLDLTGtxt

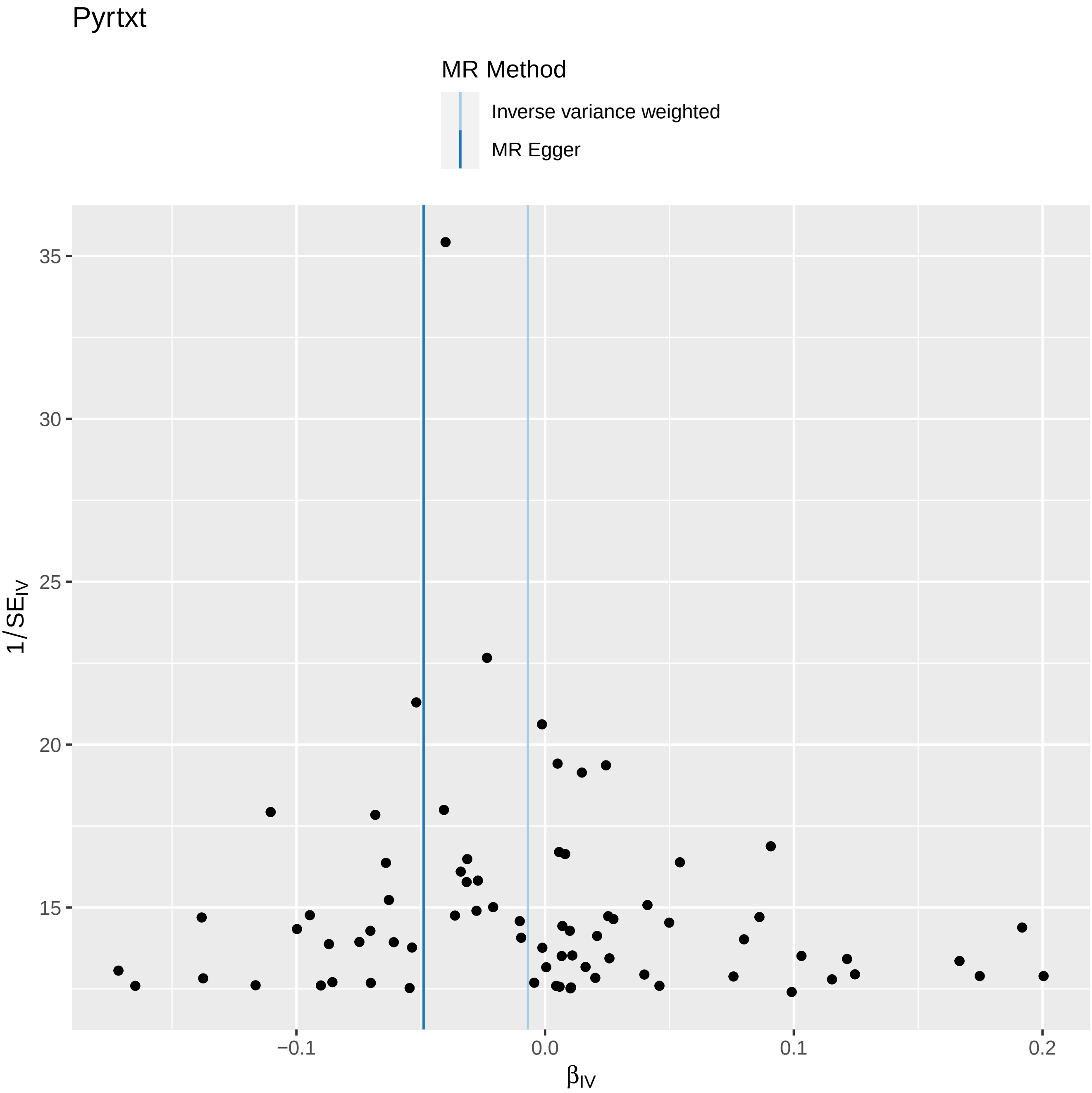

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
30
20
−0.2
−0.1
0.0
0.1
β_IV

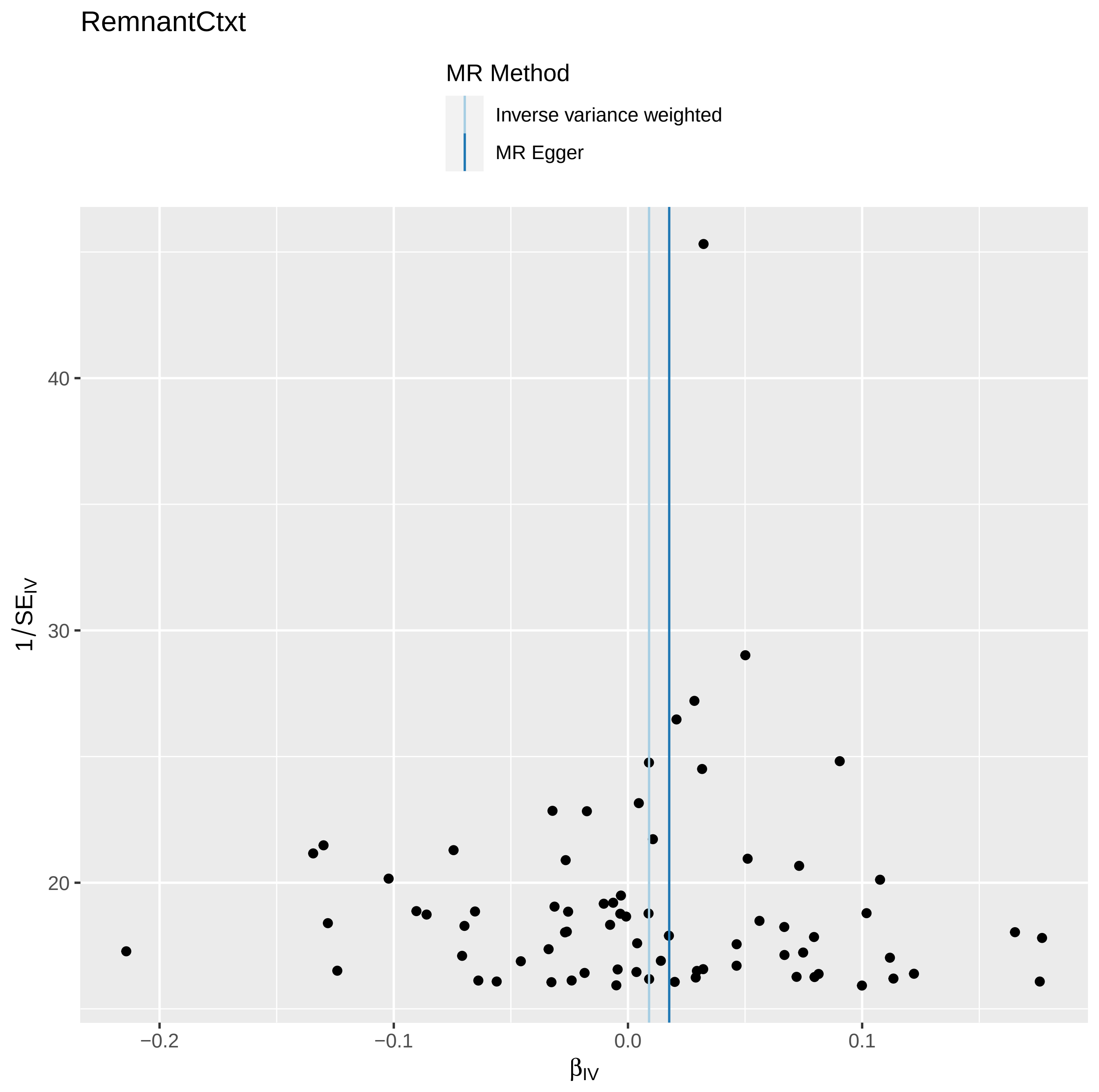

PCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.2
−0.1
0.0
0.1
β_IV

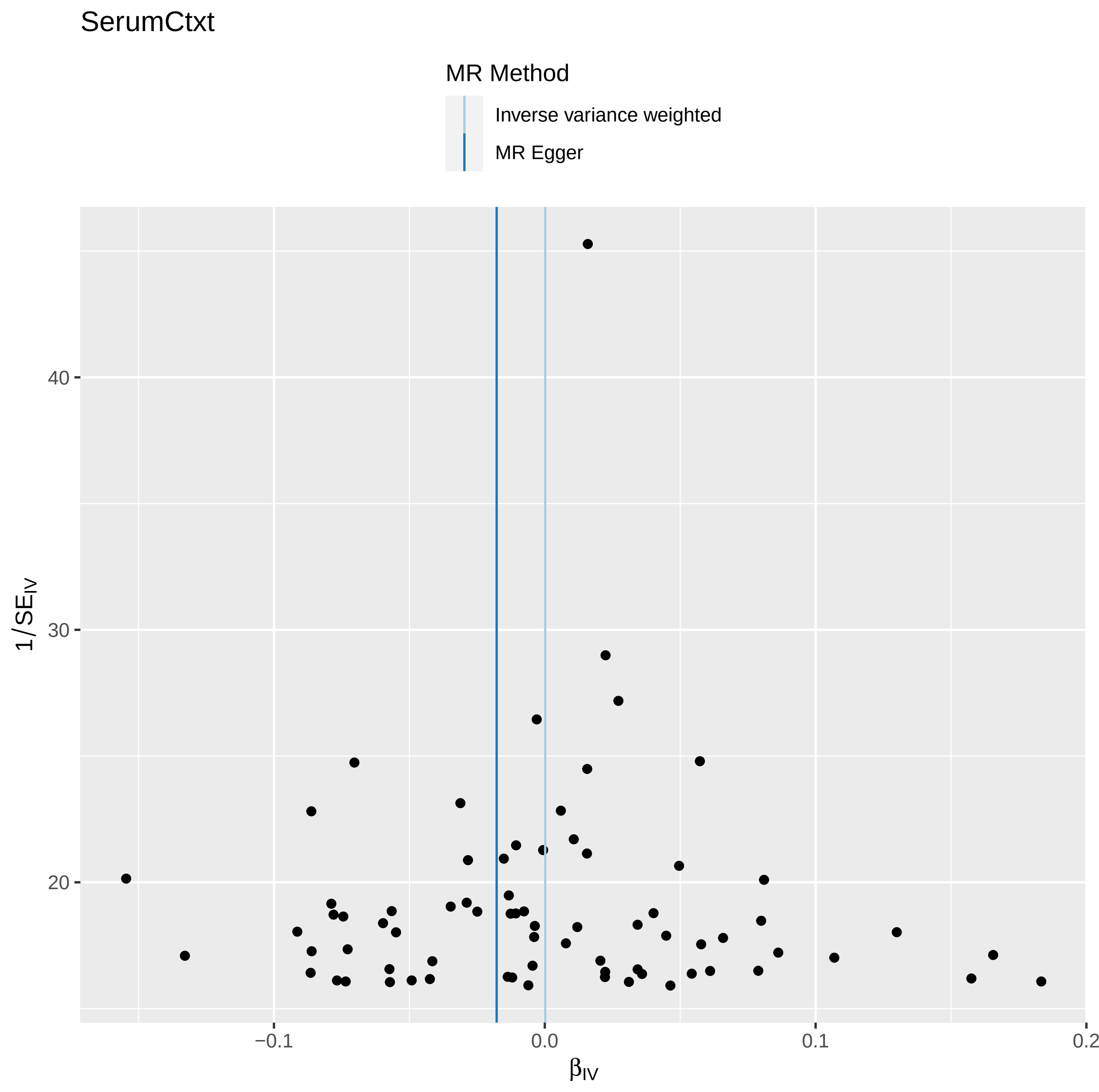

Phetxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
β$_{IV}$

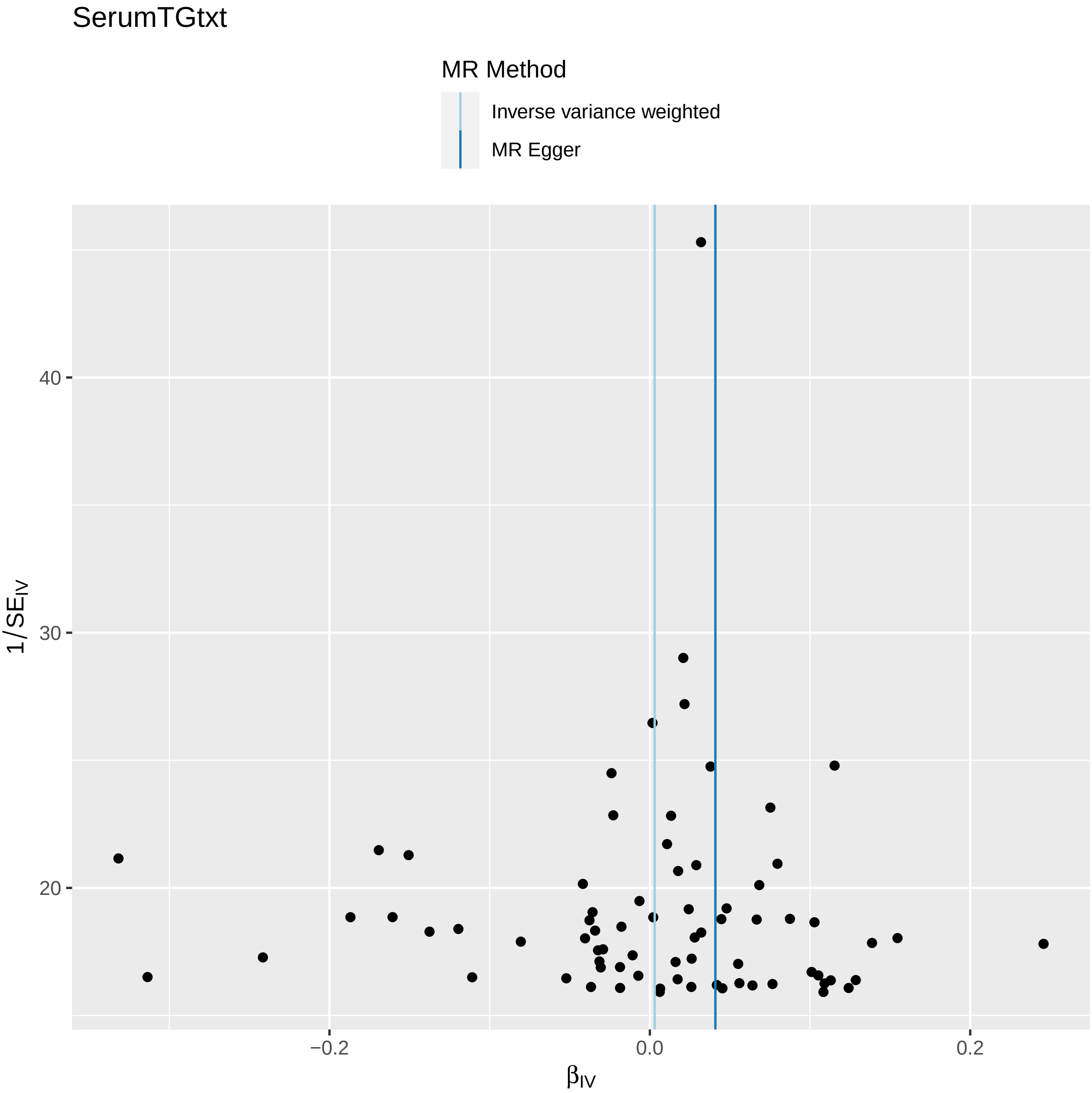

PUFAbyFAtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
0.2
0.3
β$_{IV}$


PUFAtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
0.3
β$_{IV}$

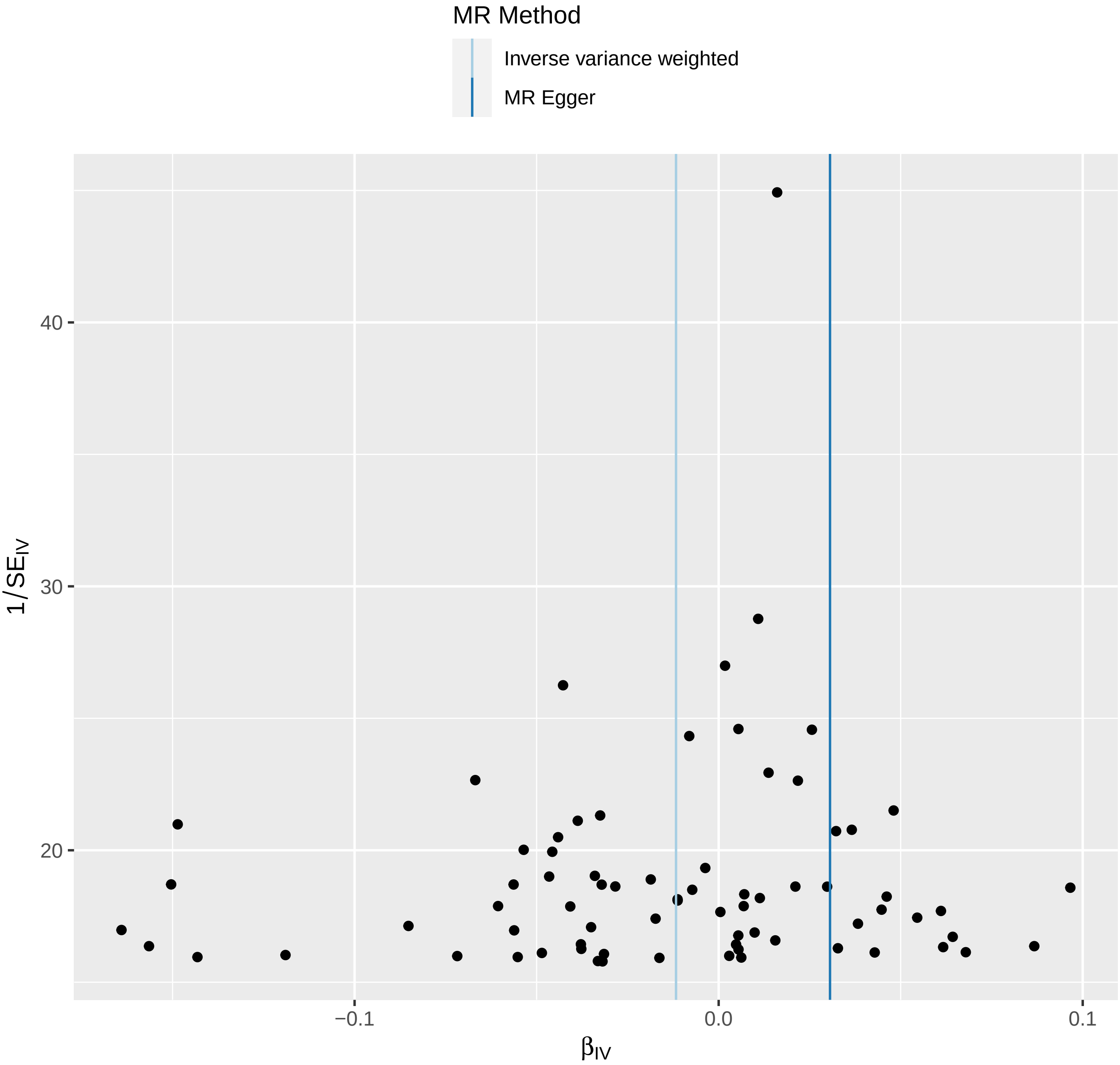

Pyrtxt
MR Method
Inverse variance weighted
MR Egger
35
30
25
20
15
$1/SE_{IV}$
−0.1
0.0
0.1
0.2
$\beta_{IV}$

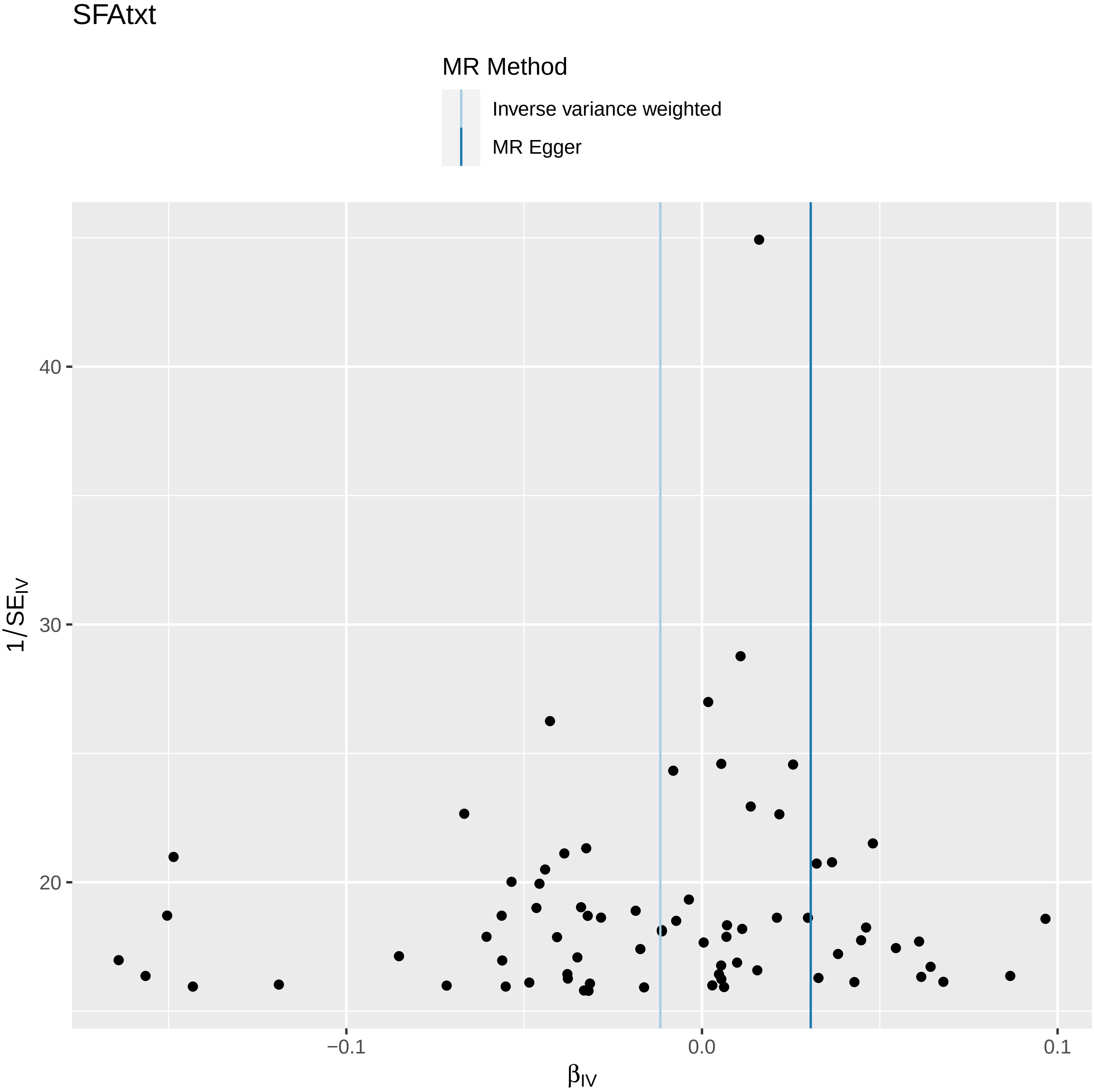

RemnantCtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
β$_{IV}$

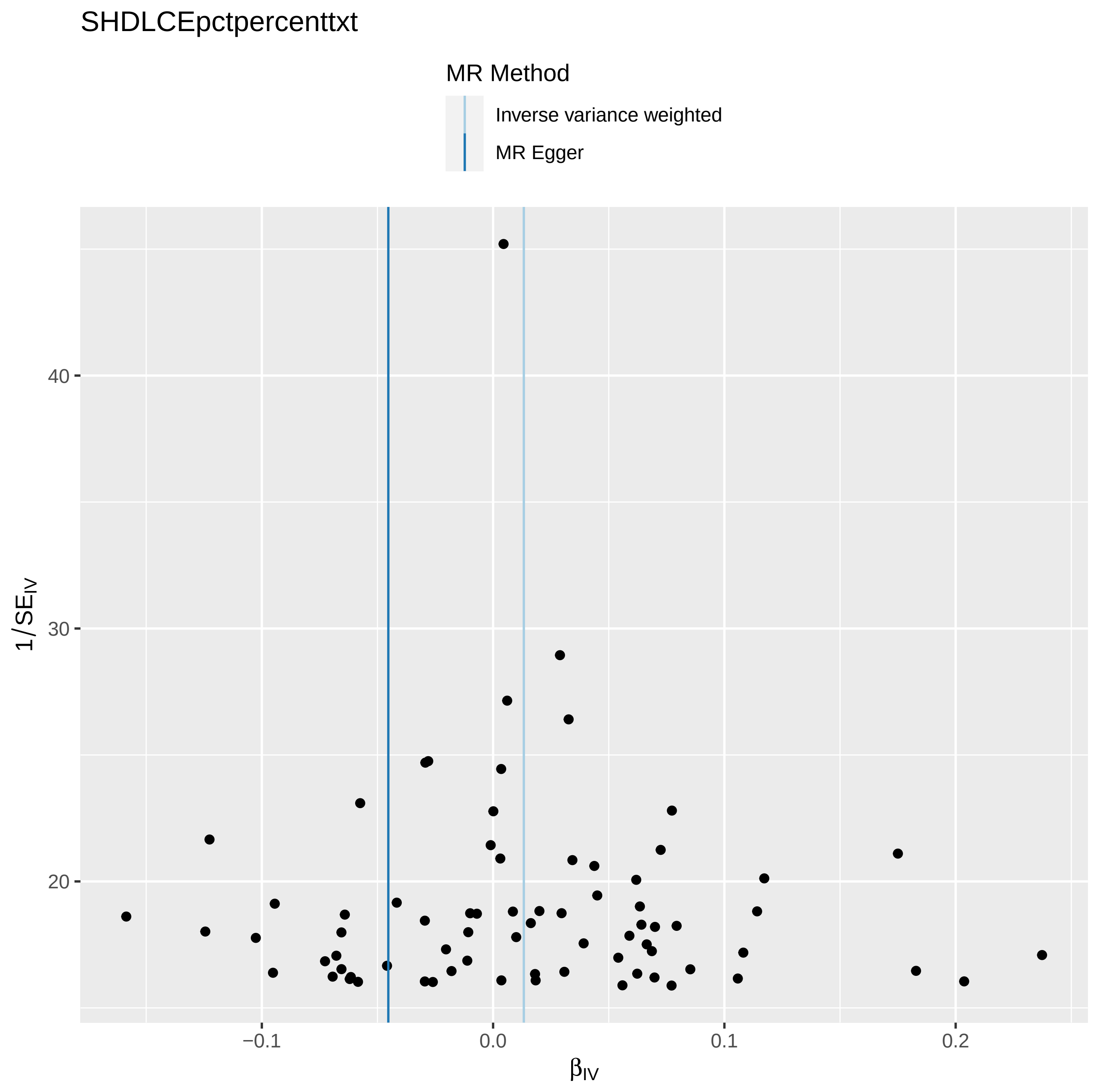

SerumCtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
0.2
β$_{IV}$


SerumTGtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.2
0.0
0.2
$\beta_{IV}$

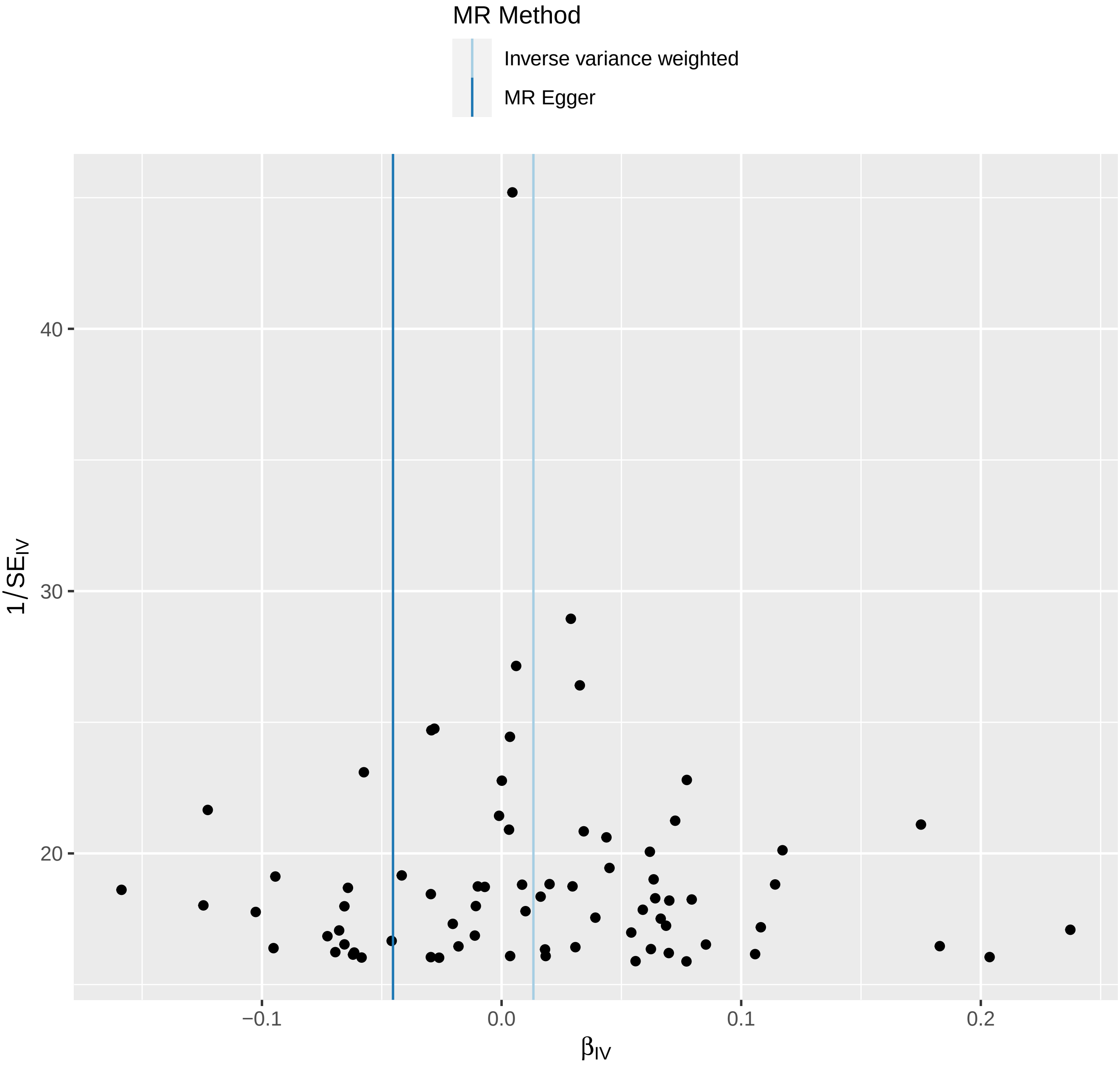
## SFAbyFAtxt


MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
β$_{IV}$

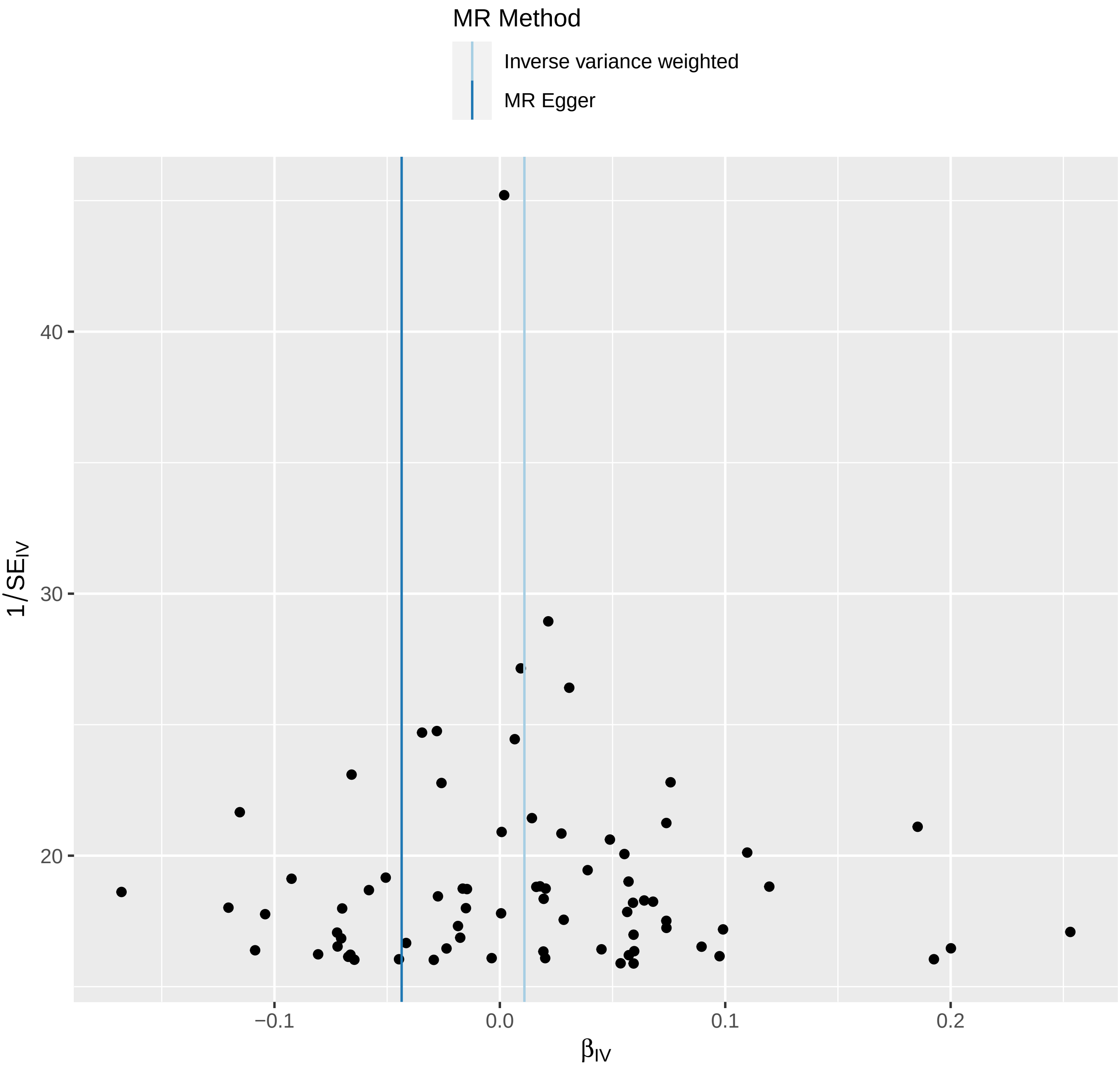

SFAtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
20
30
40
−0.1
0.0
0.1
β$_{IV}$

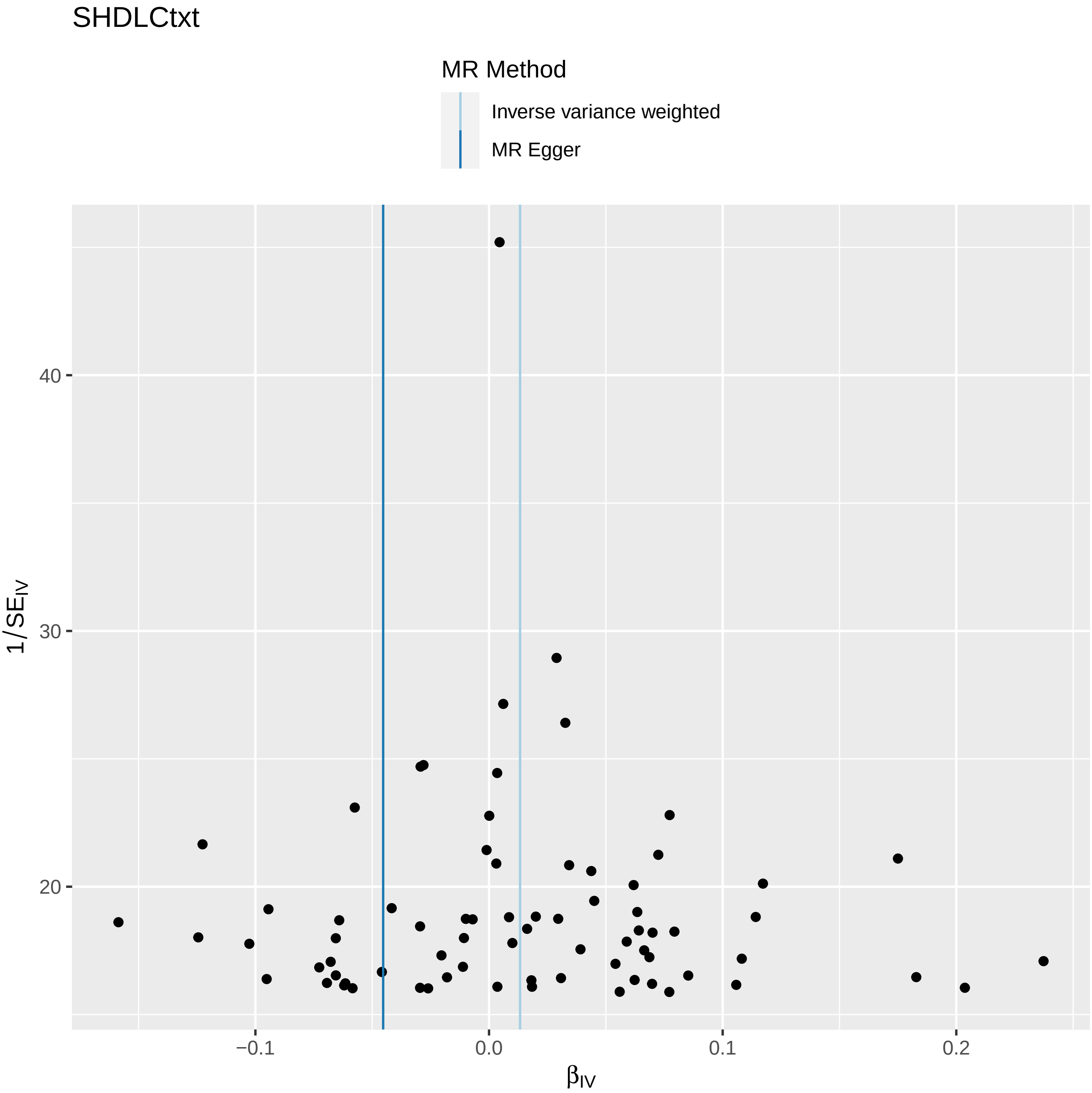

SHDLCEpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
30
20
−0.1
0.0
0.1
0.2
β_IV

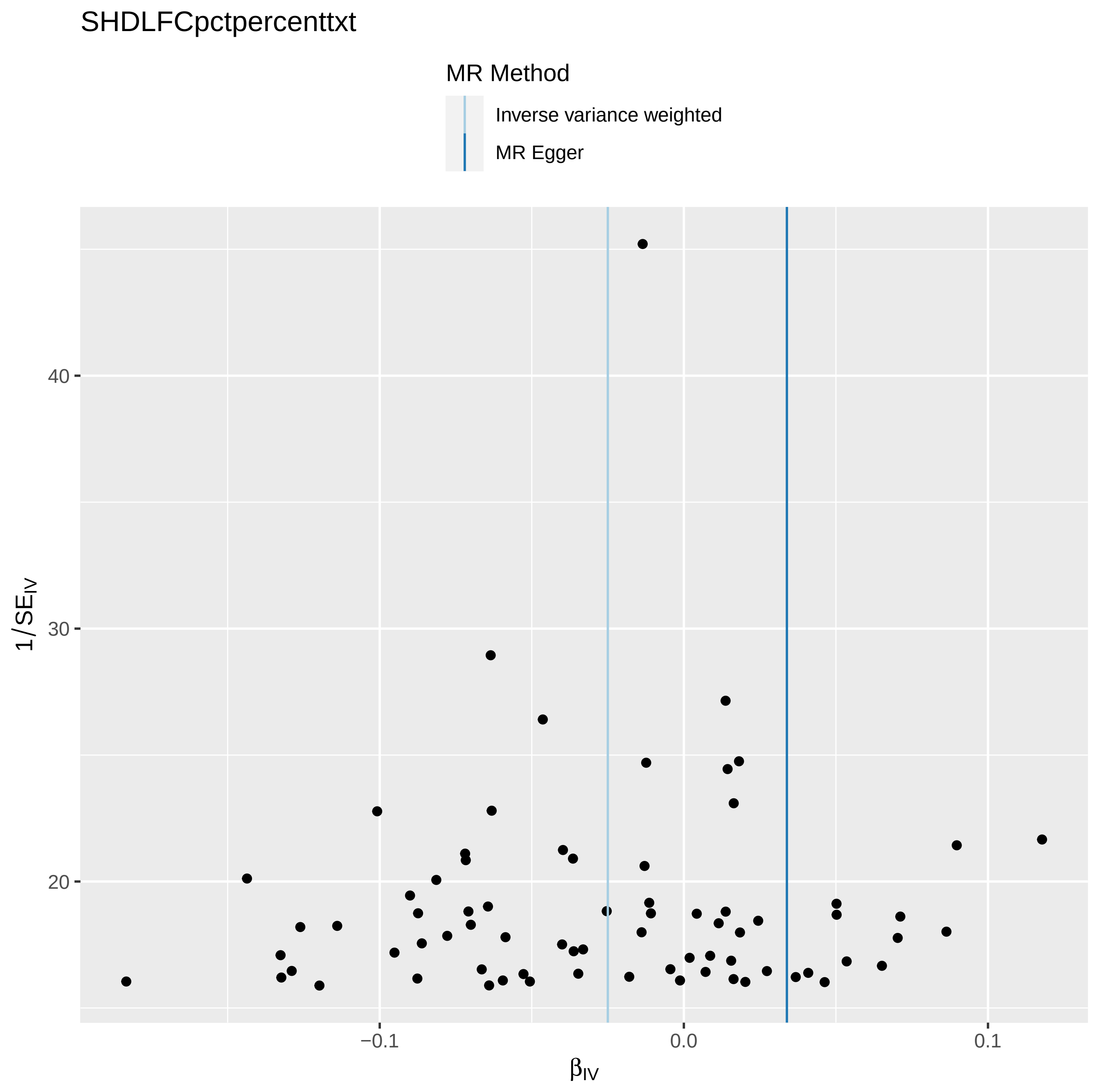
SHDLCEtxt

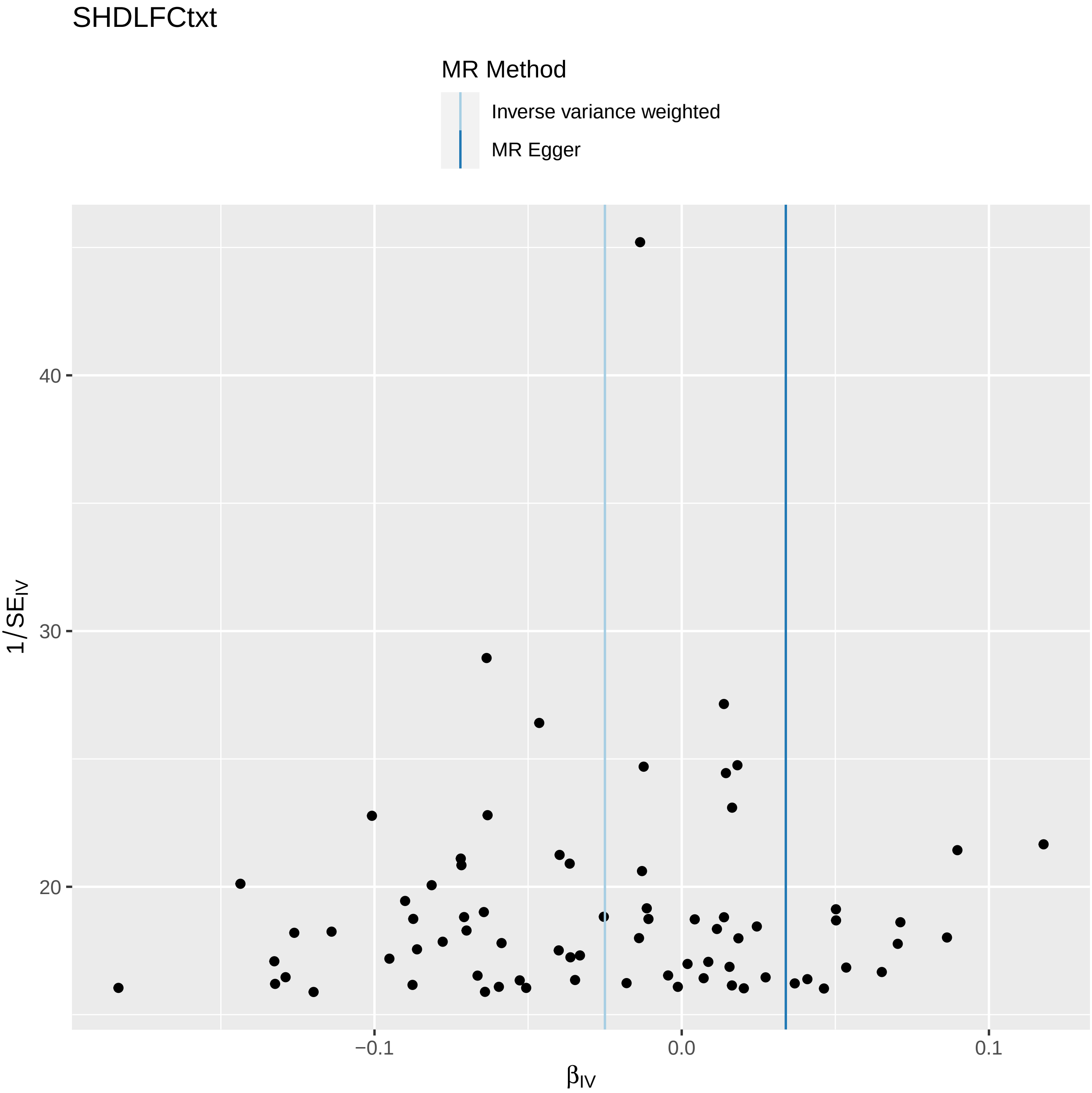

MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
β$_{IV}$

SHDLCpctpercenttxt

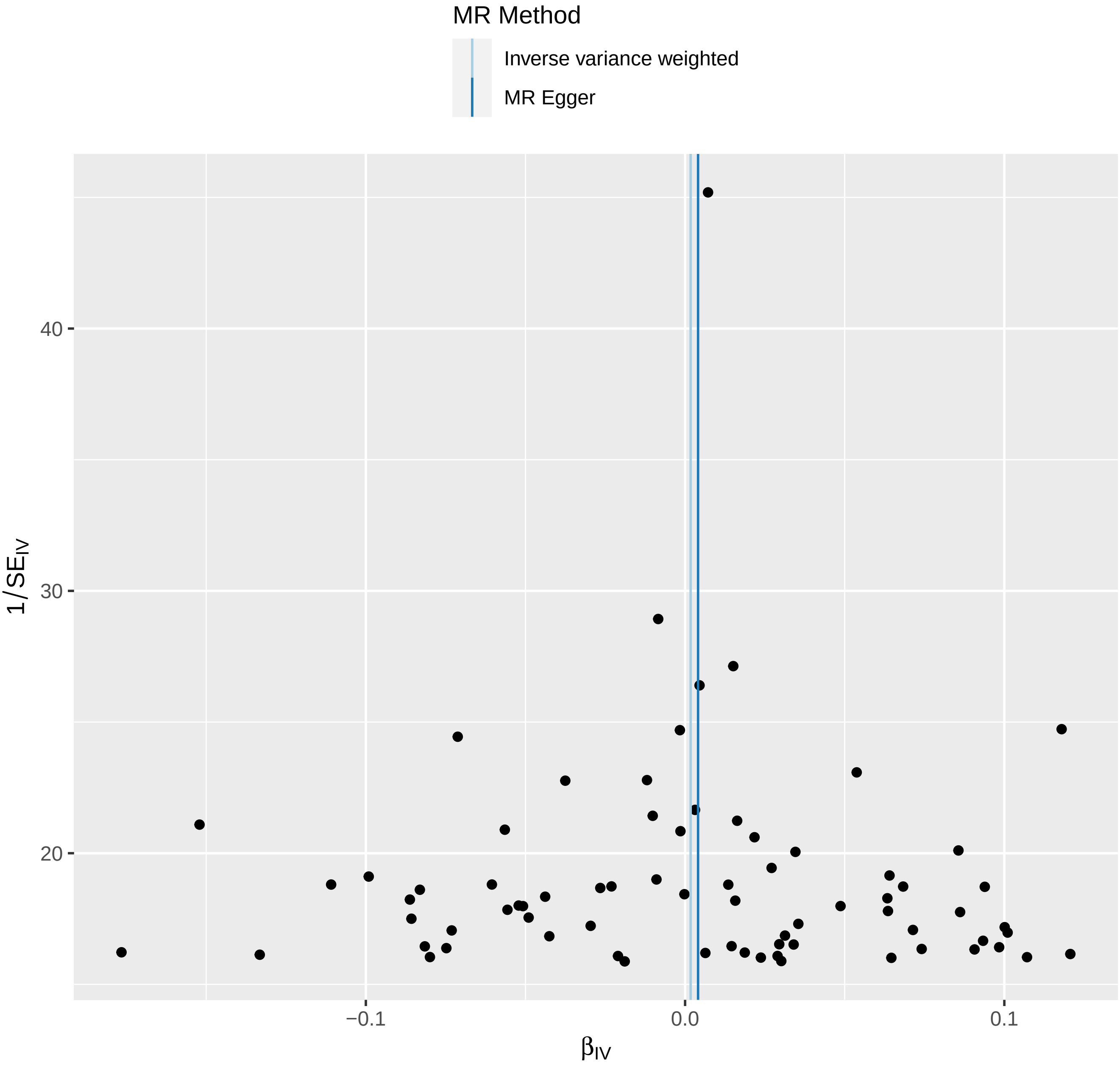


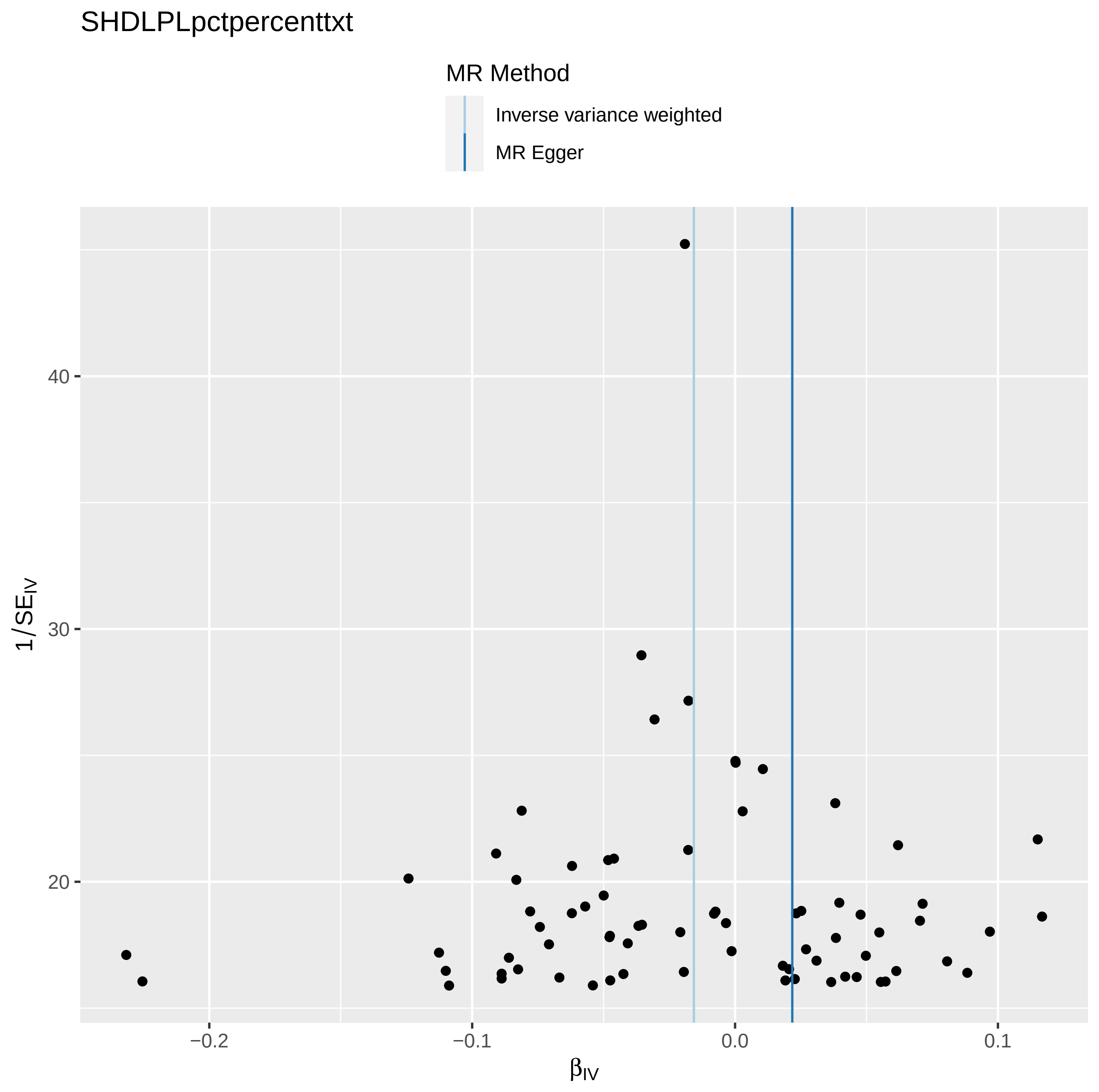

SHDLCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
β$_{IV}$

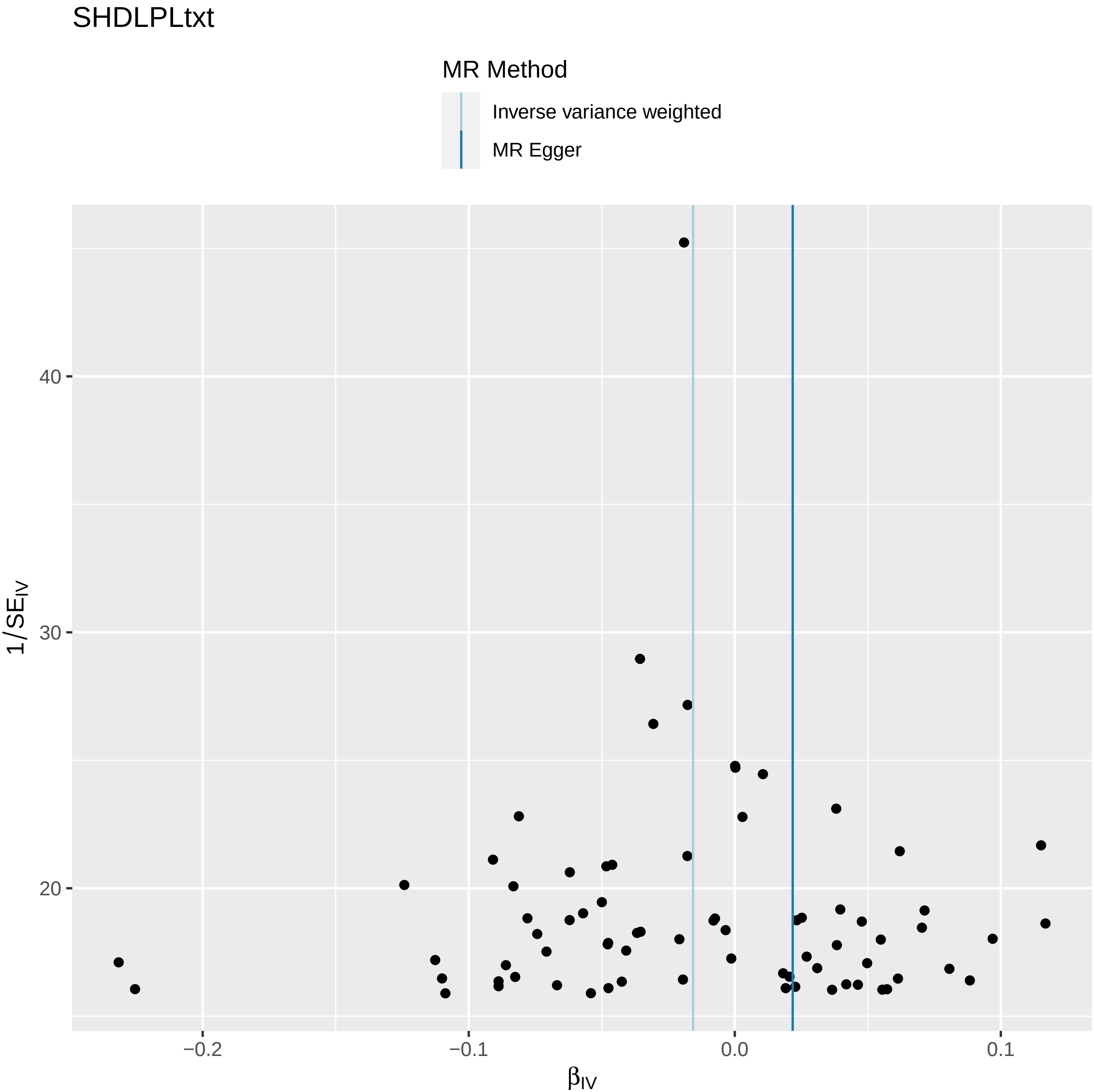

SHDLFCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.1
0.0
0.1
$\beta_{IV}$

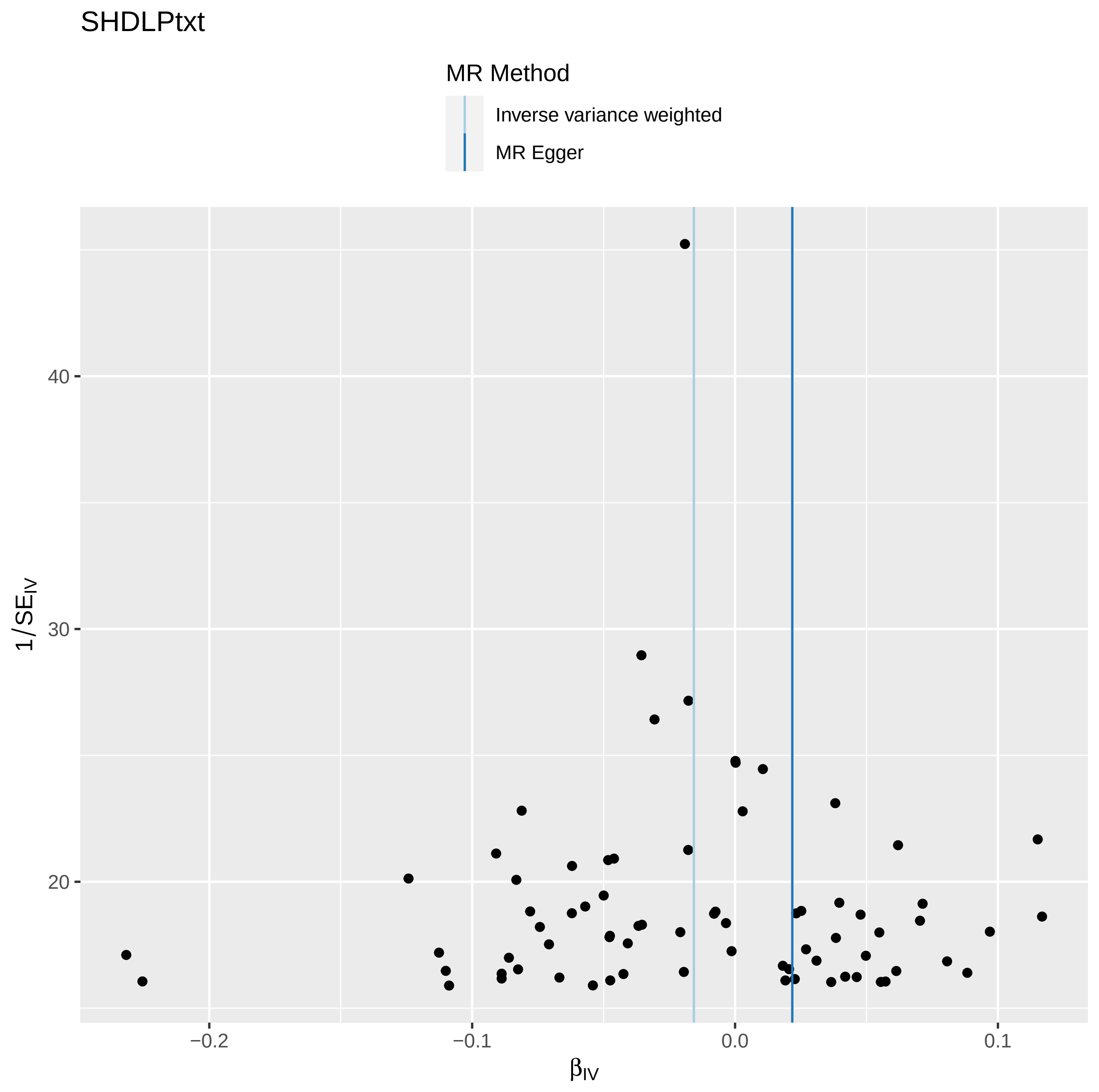

SHDLFCtxt
MR Method
Inverse variance weighted
MR Egger
$1/SE_{IV}$
40
30
20
−0.1
0.0
0.1
$\beta_{IV}$

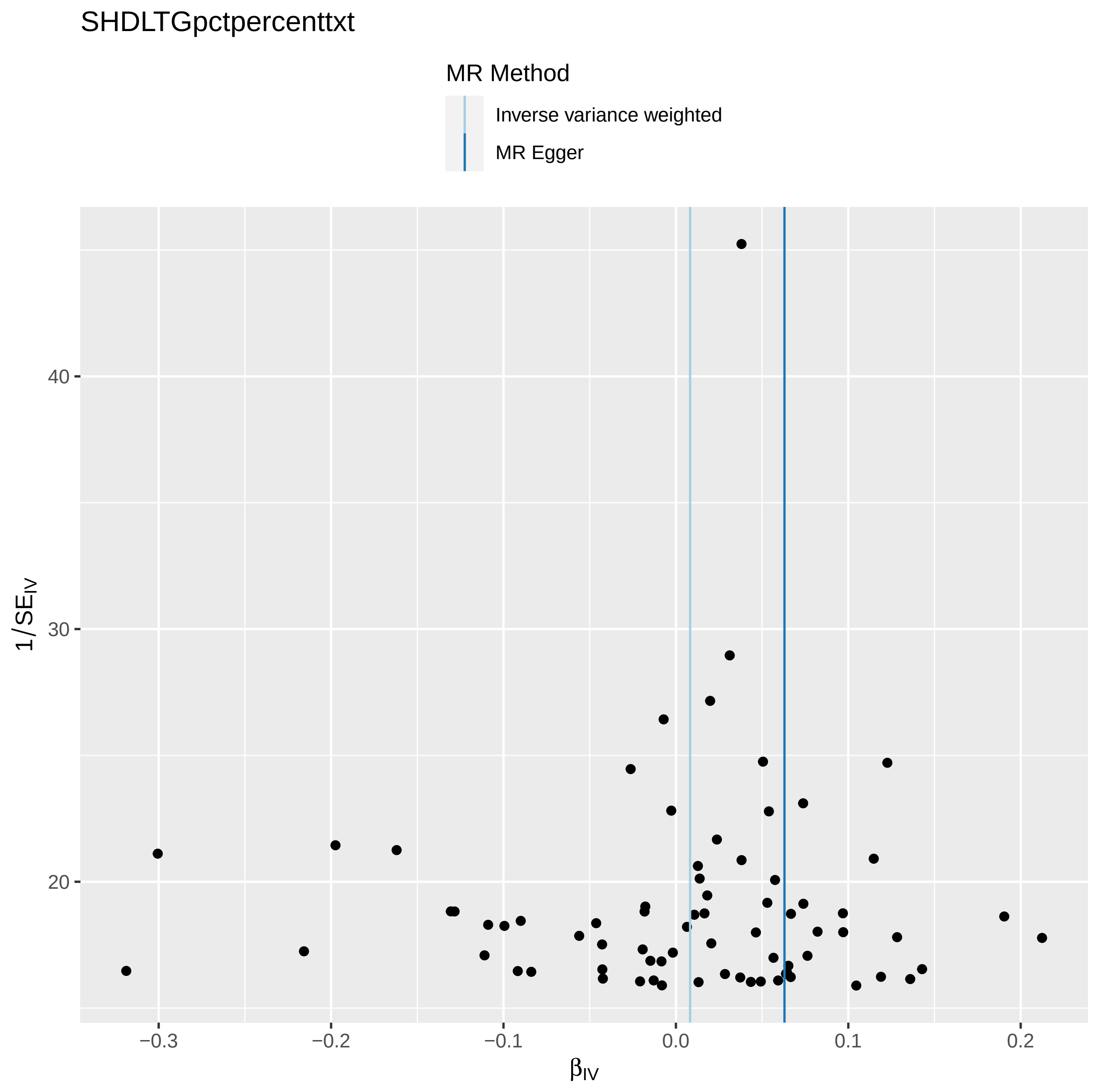
SHDLLtxt

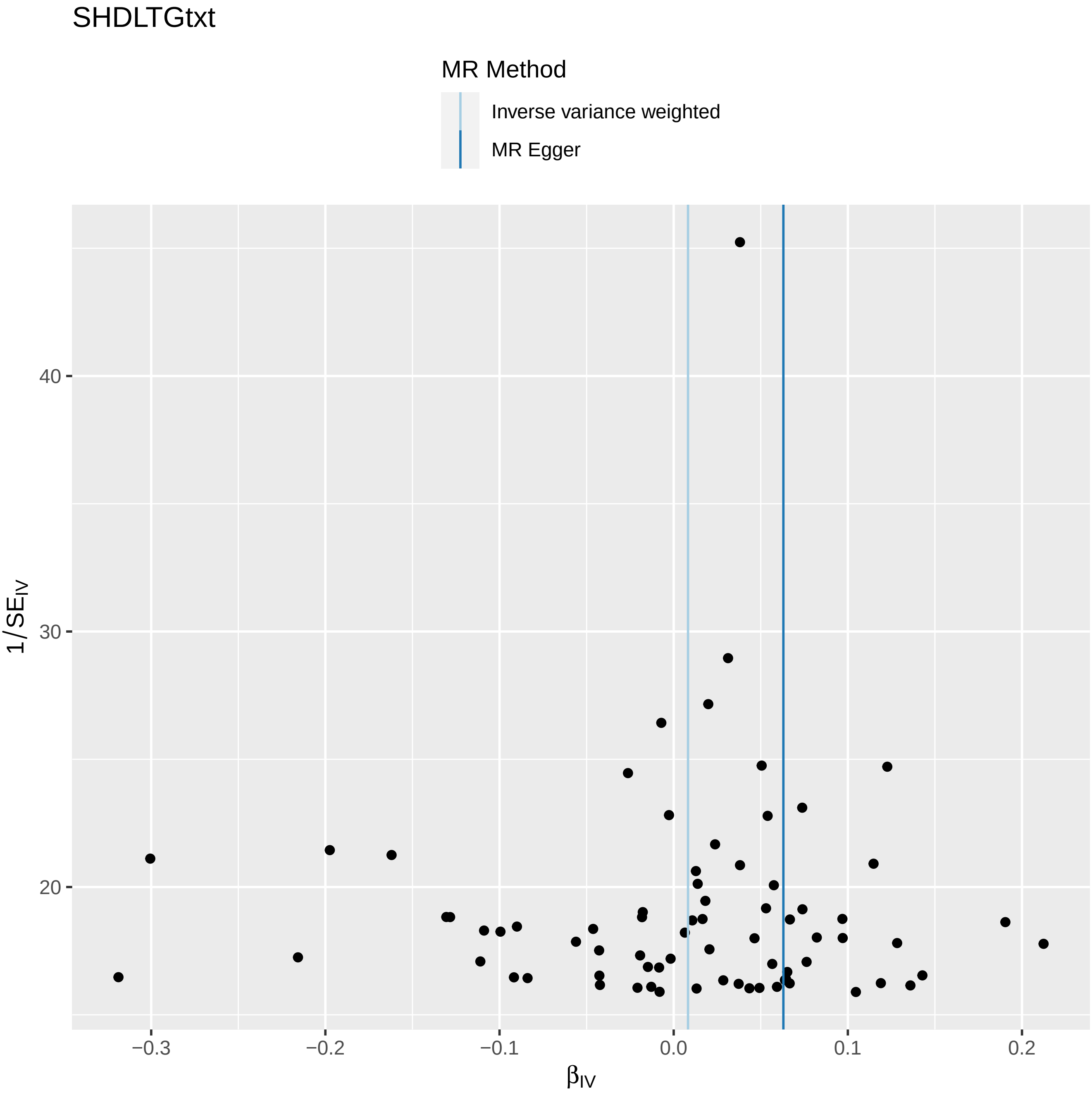

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
β$_{IV}$

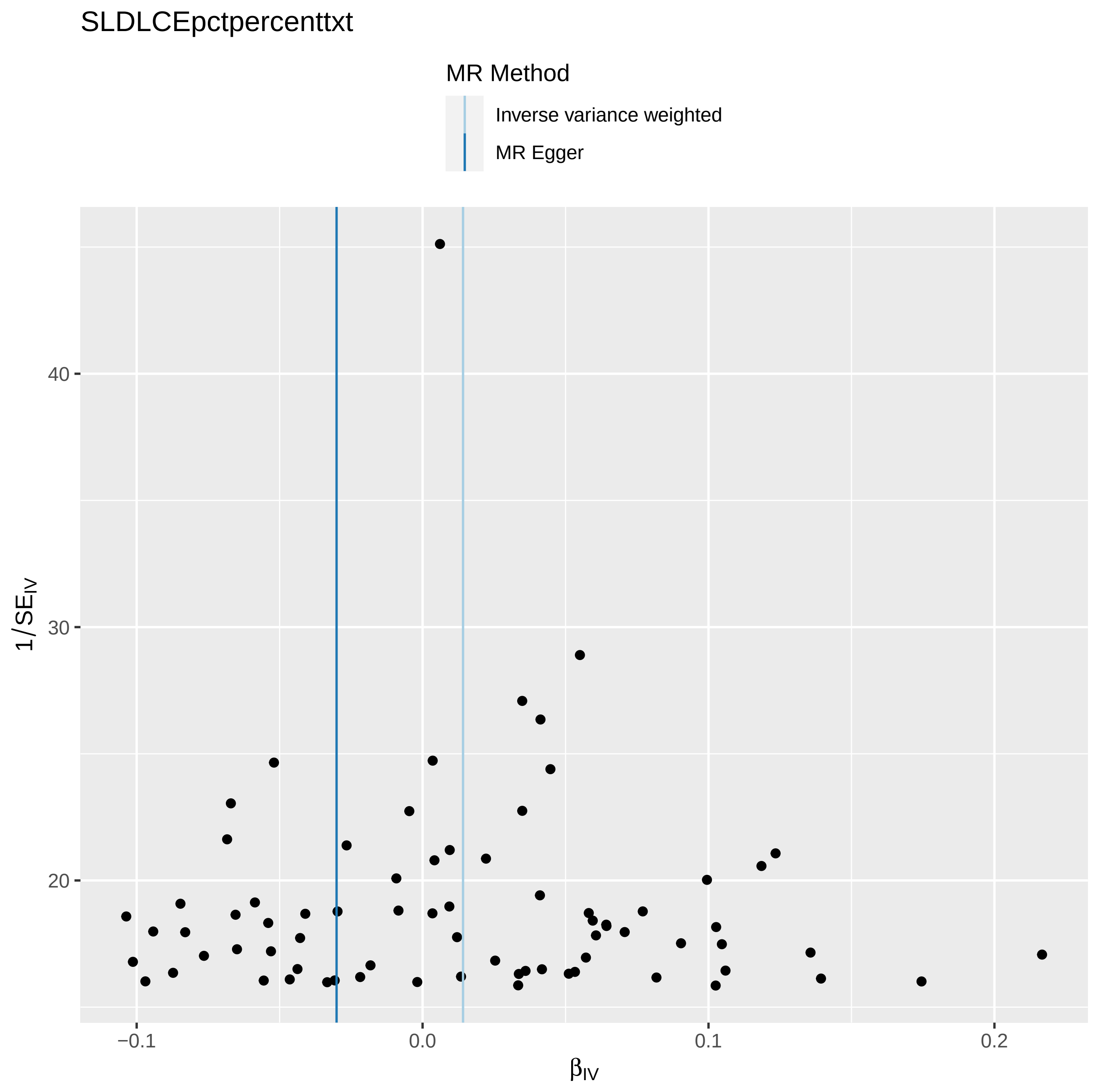

SHDLPLpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
30
20
−0.2
−0.1
0.0
0.1
β_IV


SHDLPLtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
β$_{IV}$

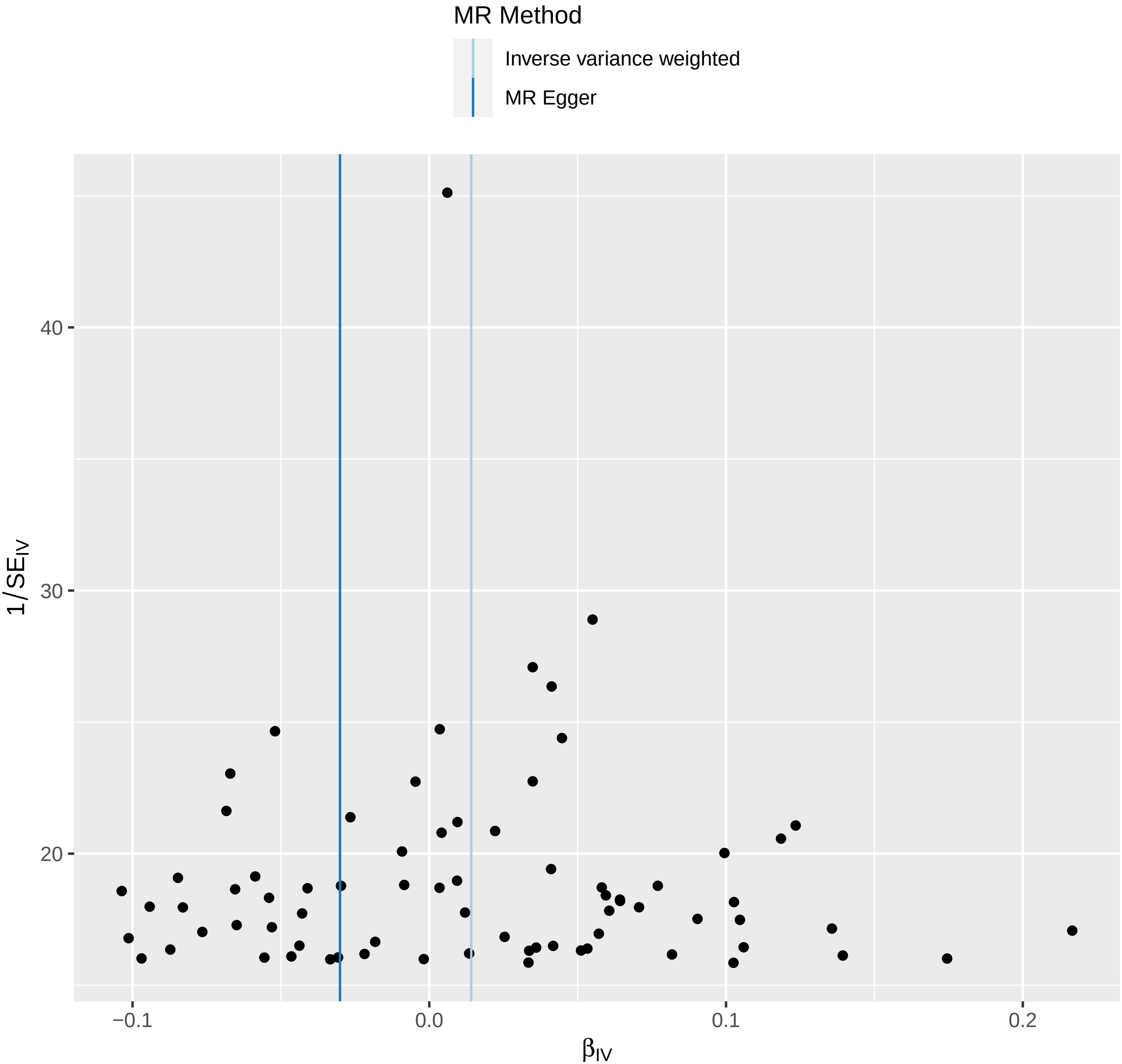

SHDLPtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
β$_{IV}$

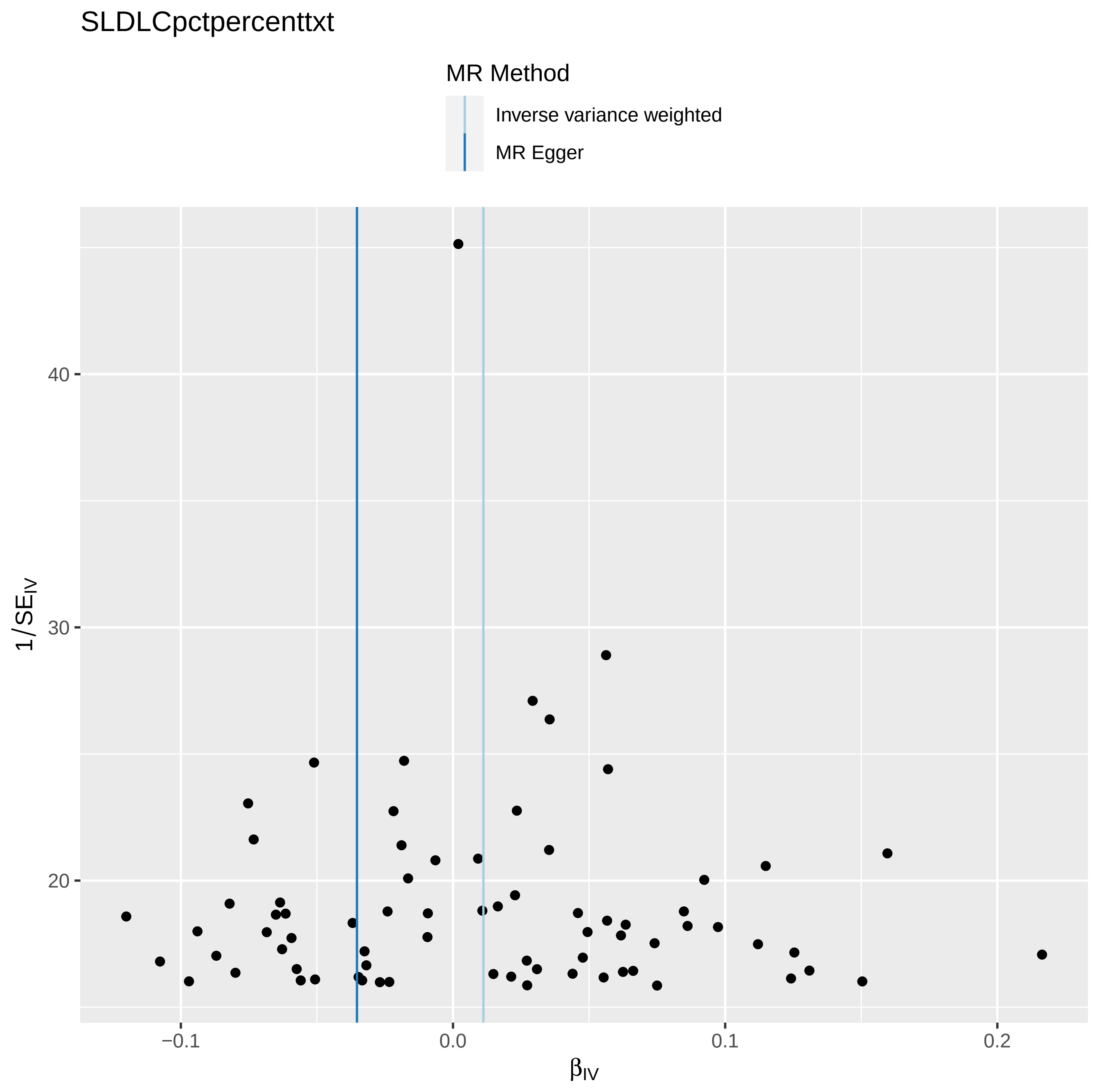

SHDLTGpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
30
20
−0.3
−0.2
−0.1
0.0
0.1
0.2
β_IV

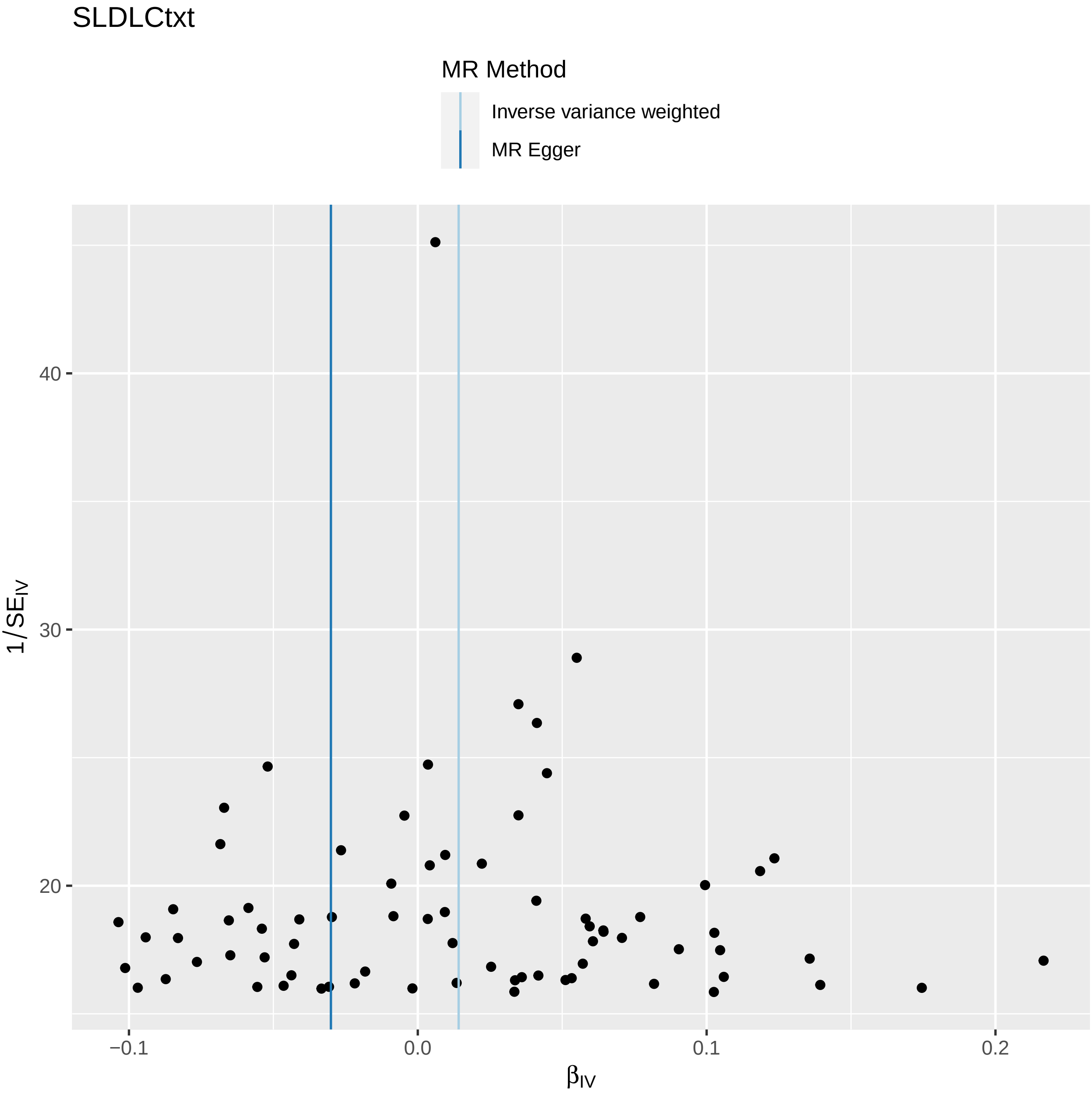

SHDLTGtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.3
−0.2
−0.1
0.0
0.1
0.2
β$_{IV}$


SLDLCEpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
0.2
β$_{IV}$

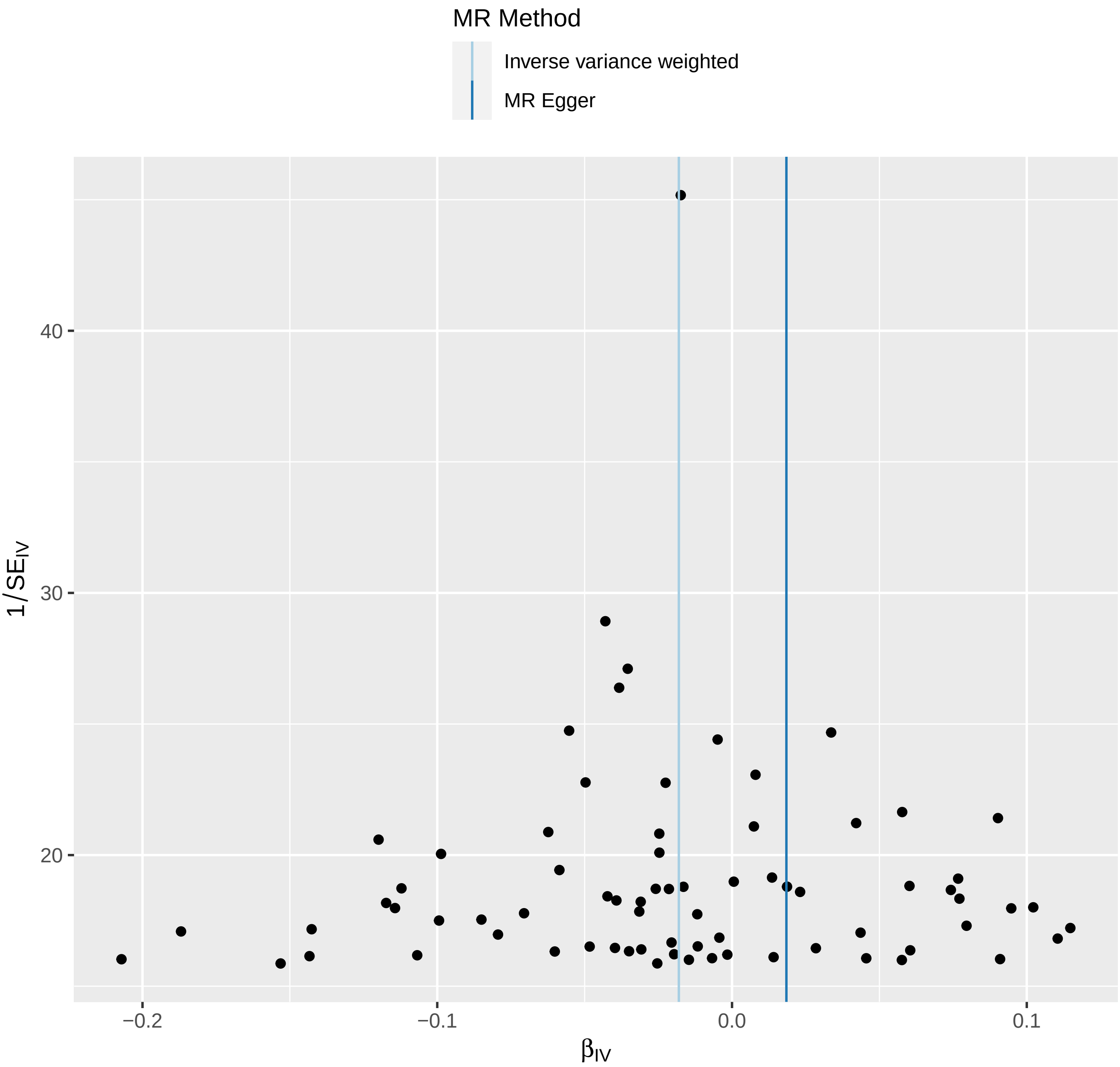
SLDLCEtxt

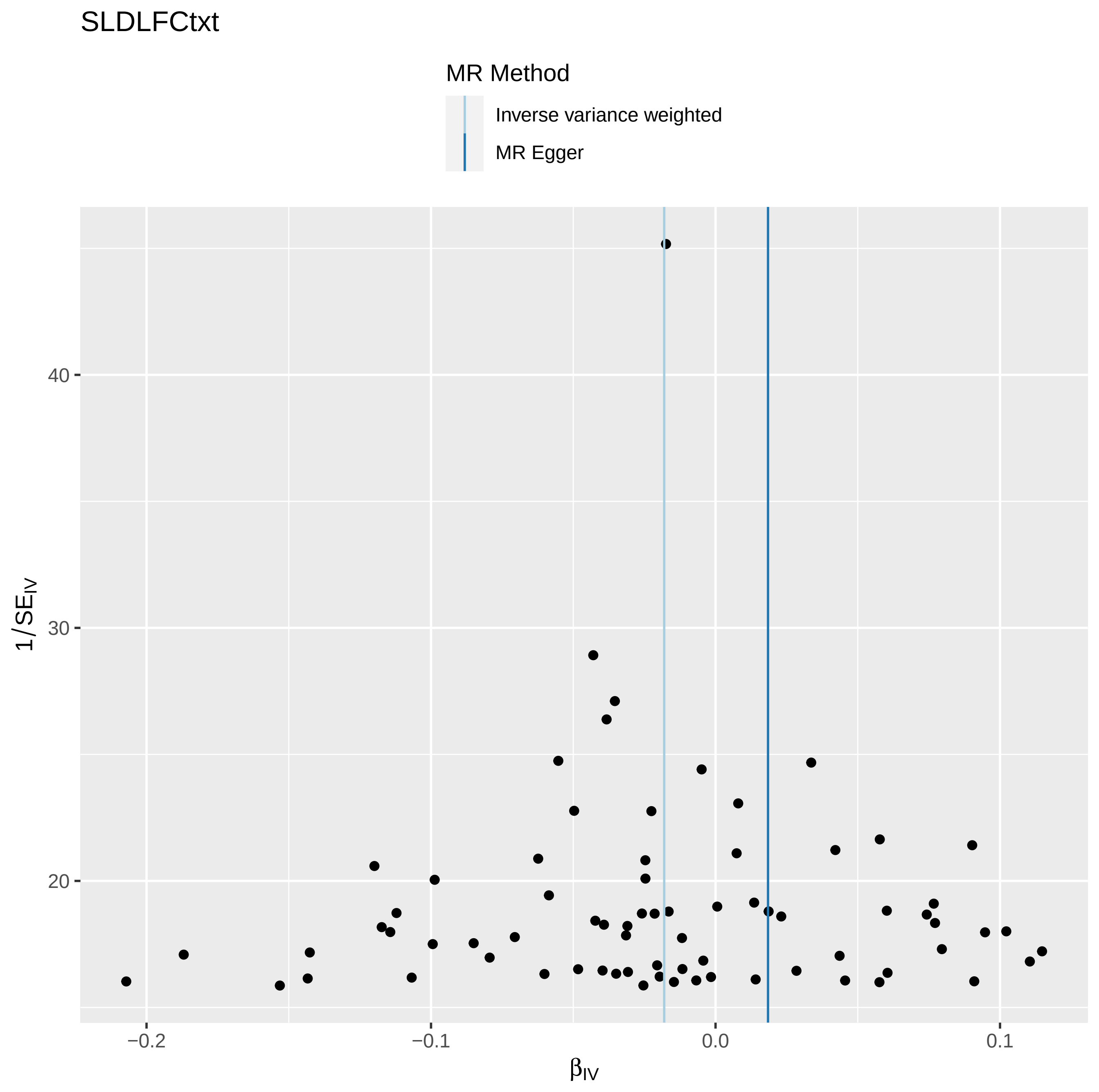

MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV

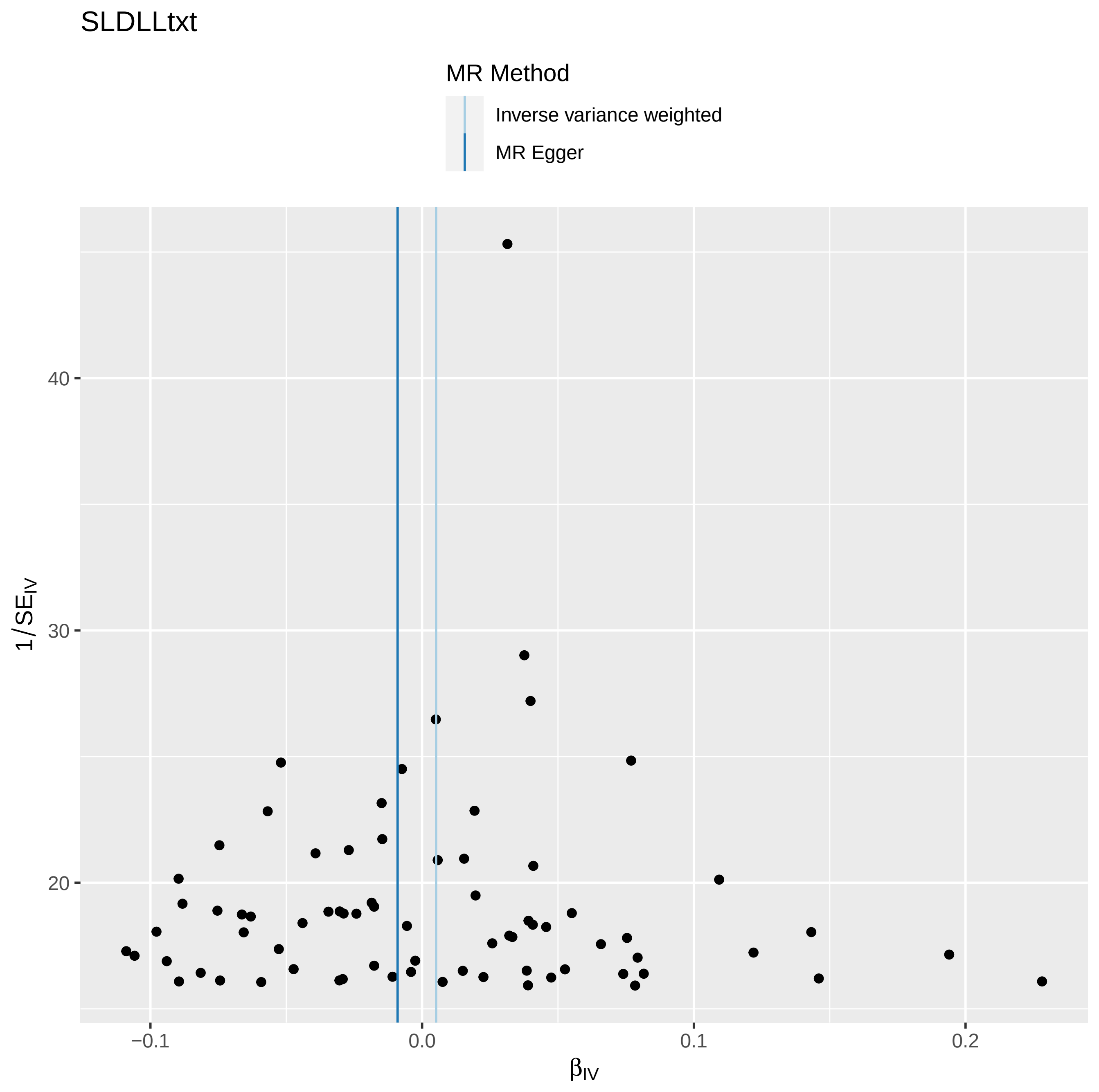

SLDLCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
0.2
β$_{IV}$

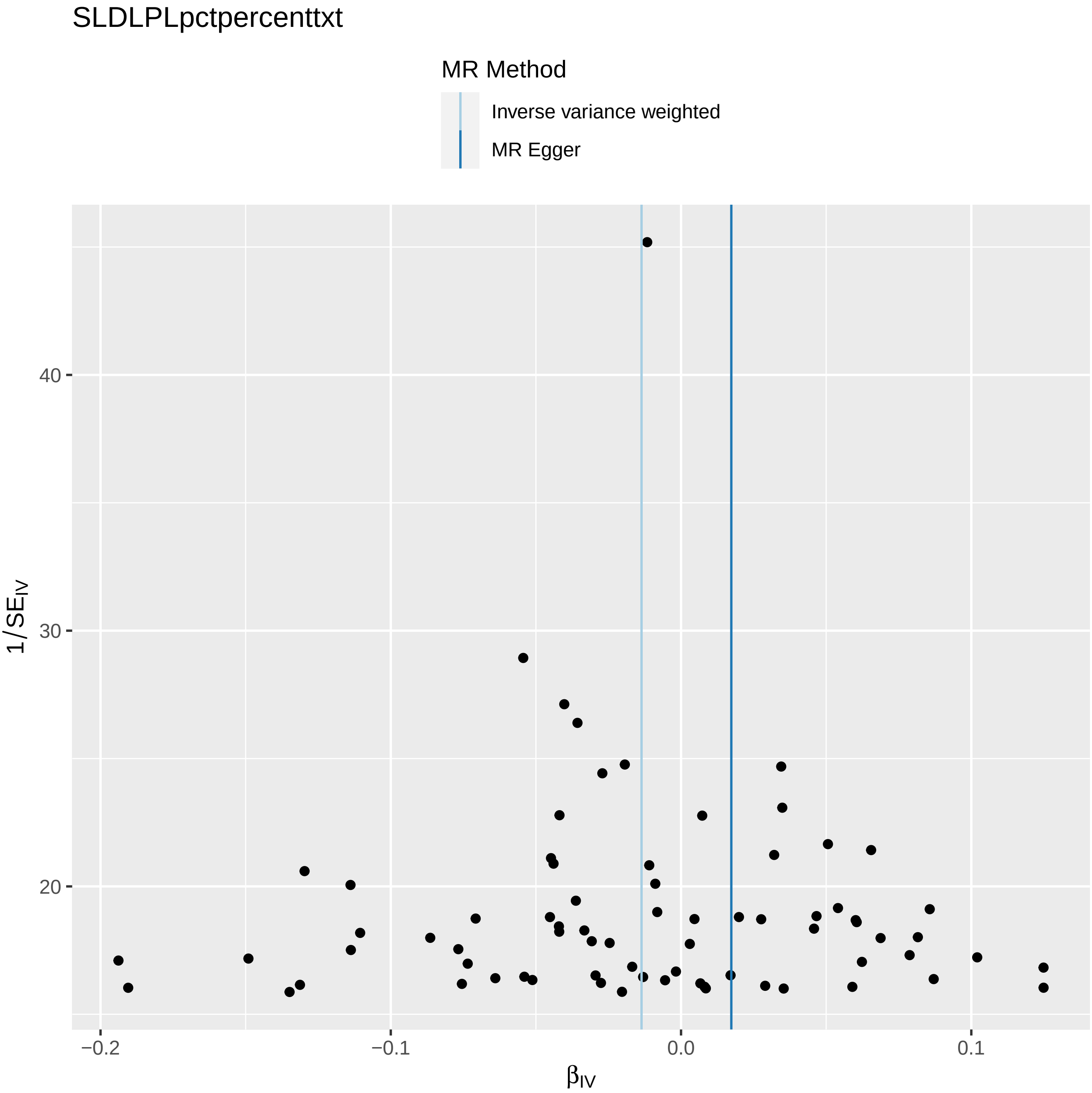

SLDLCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
β$_{IV}$

SLDLFCpctpercenttxt

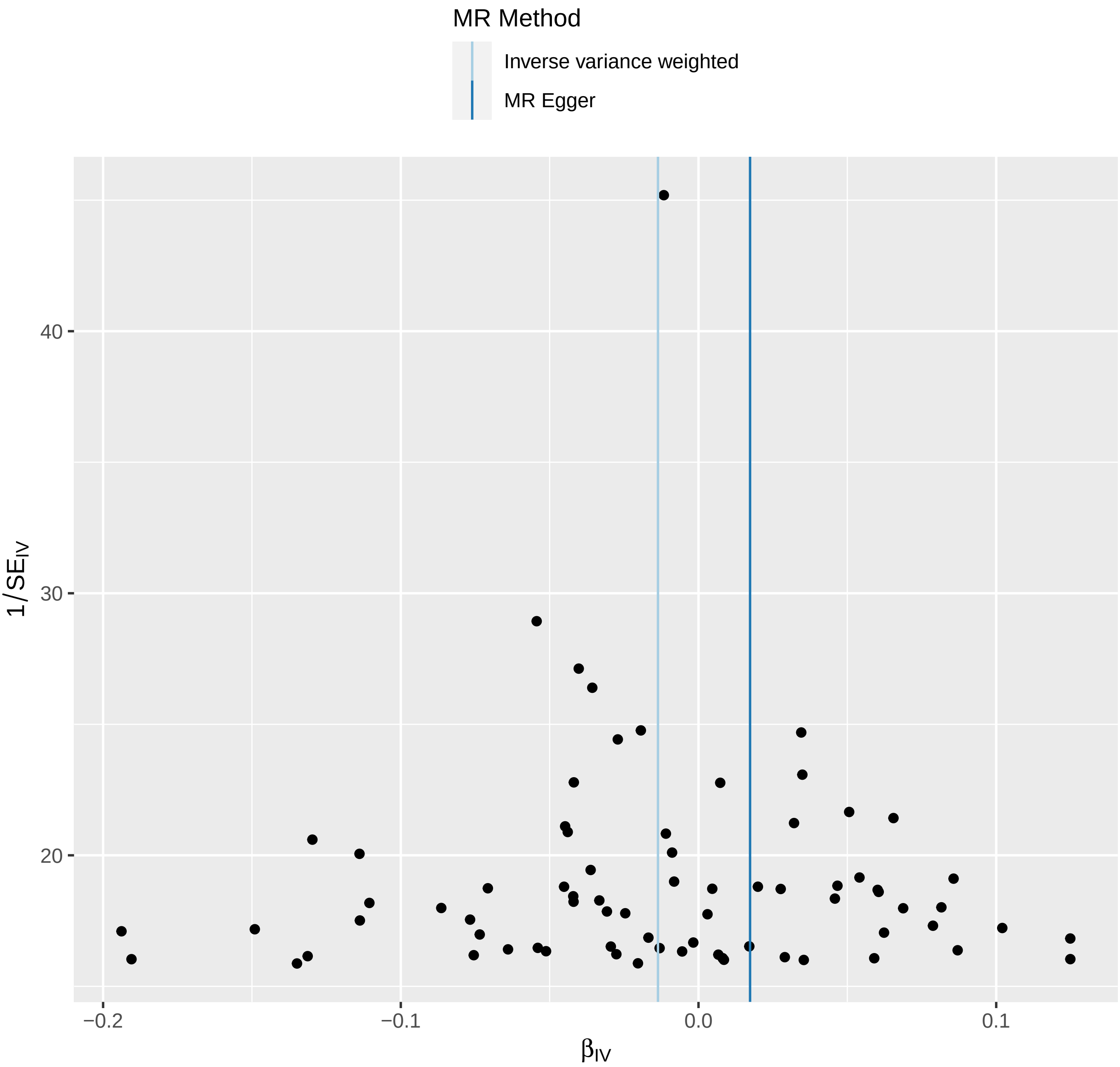



SLDLFCtxt
MR Method
Inverse variance weighted
MR Egger
1/$SE_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
$\beta_{IV}$

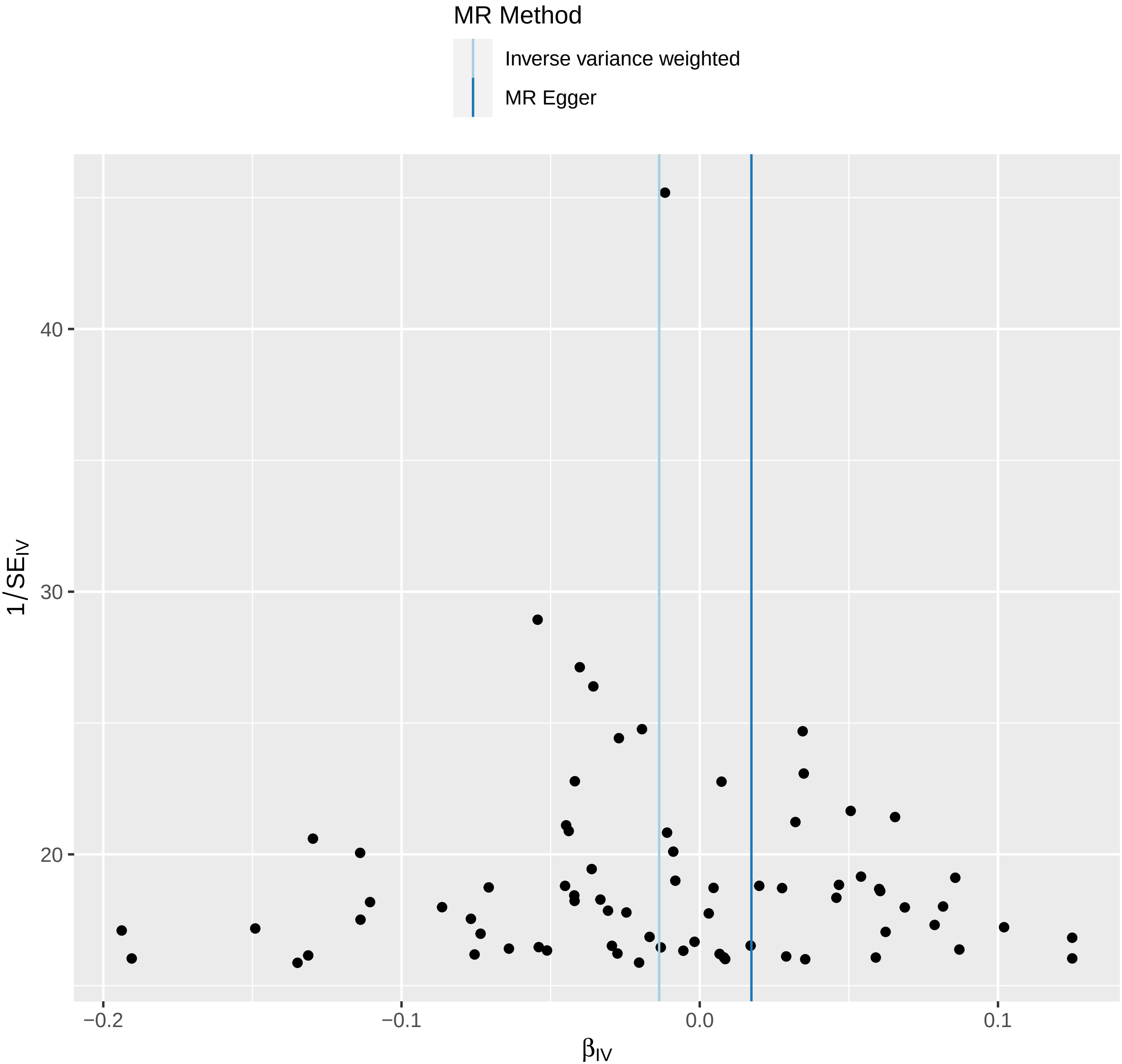

SLDLLtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
0.2
β$_{IV}$

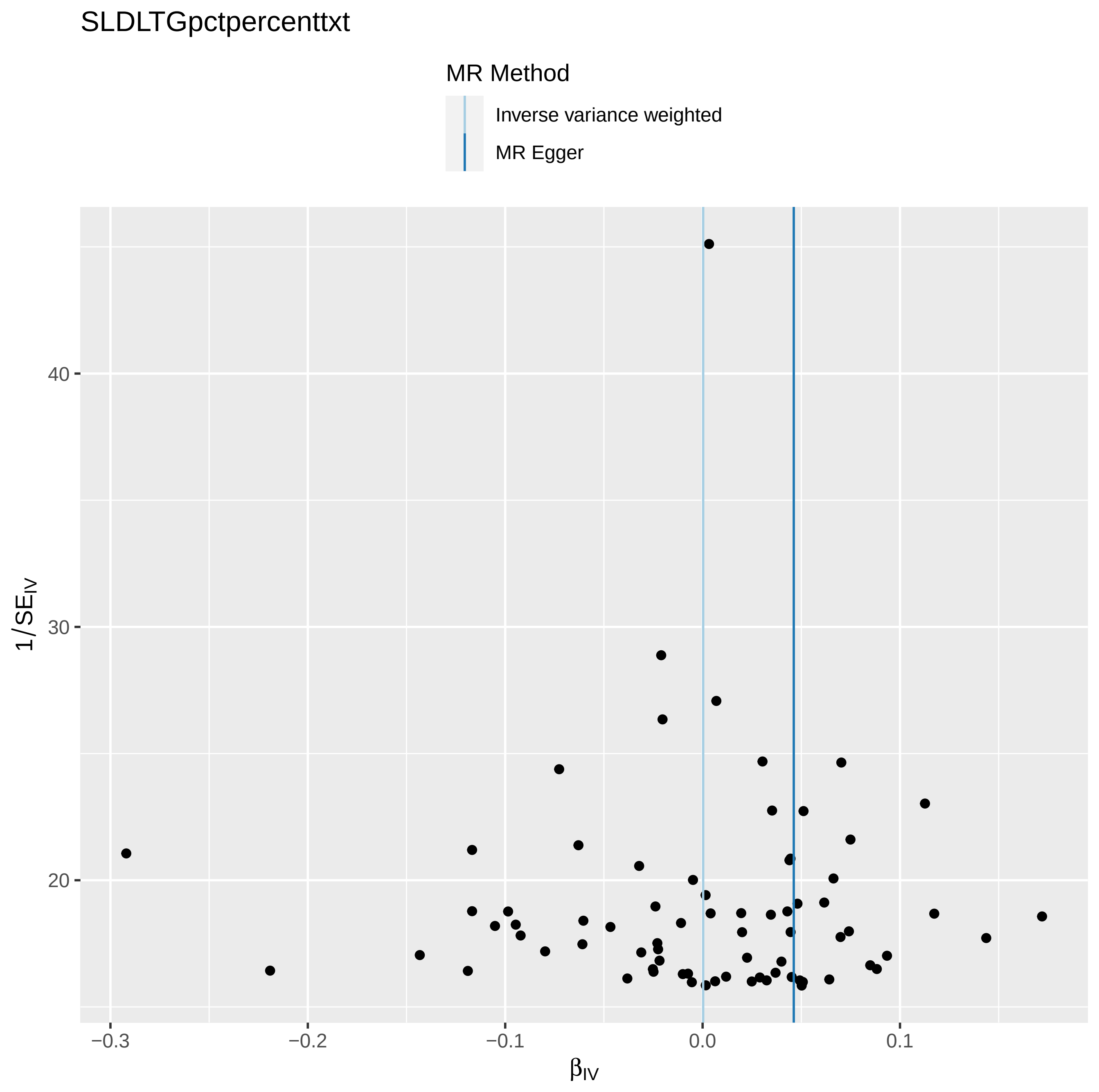

SLDLPLpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
30
20
−0.2
−0.1
0.0
0.1
β_IV

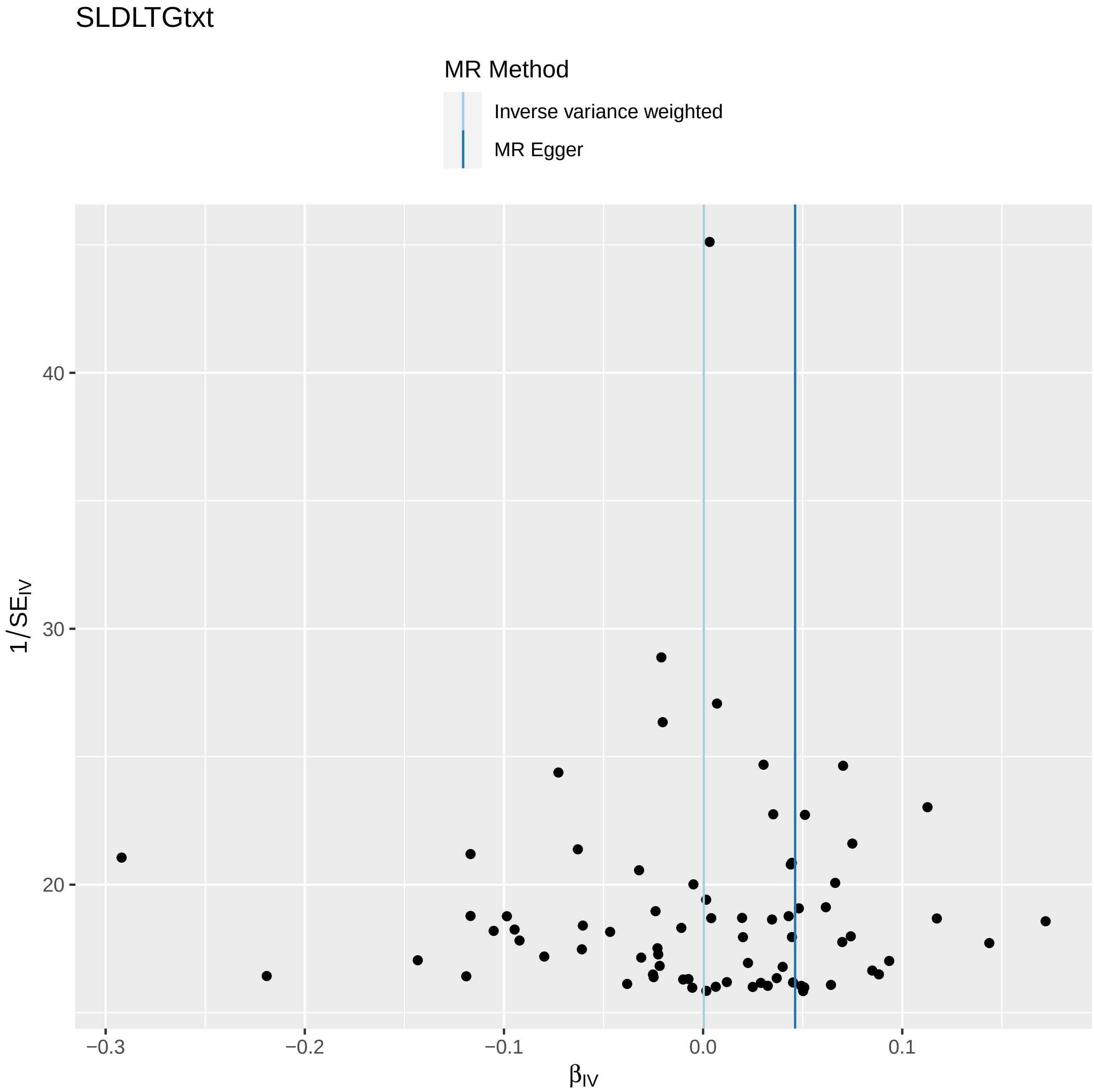
SLDLPLtxt

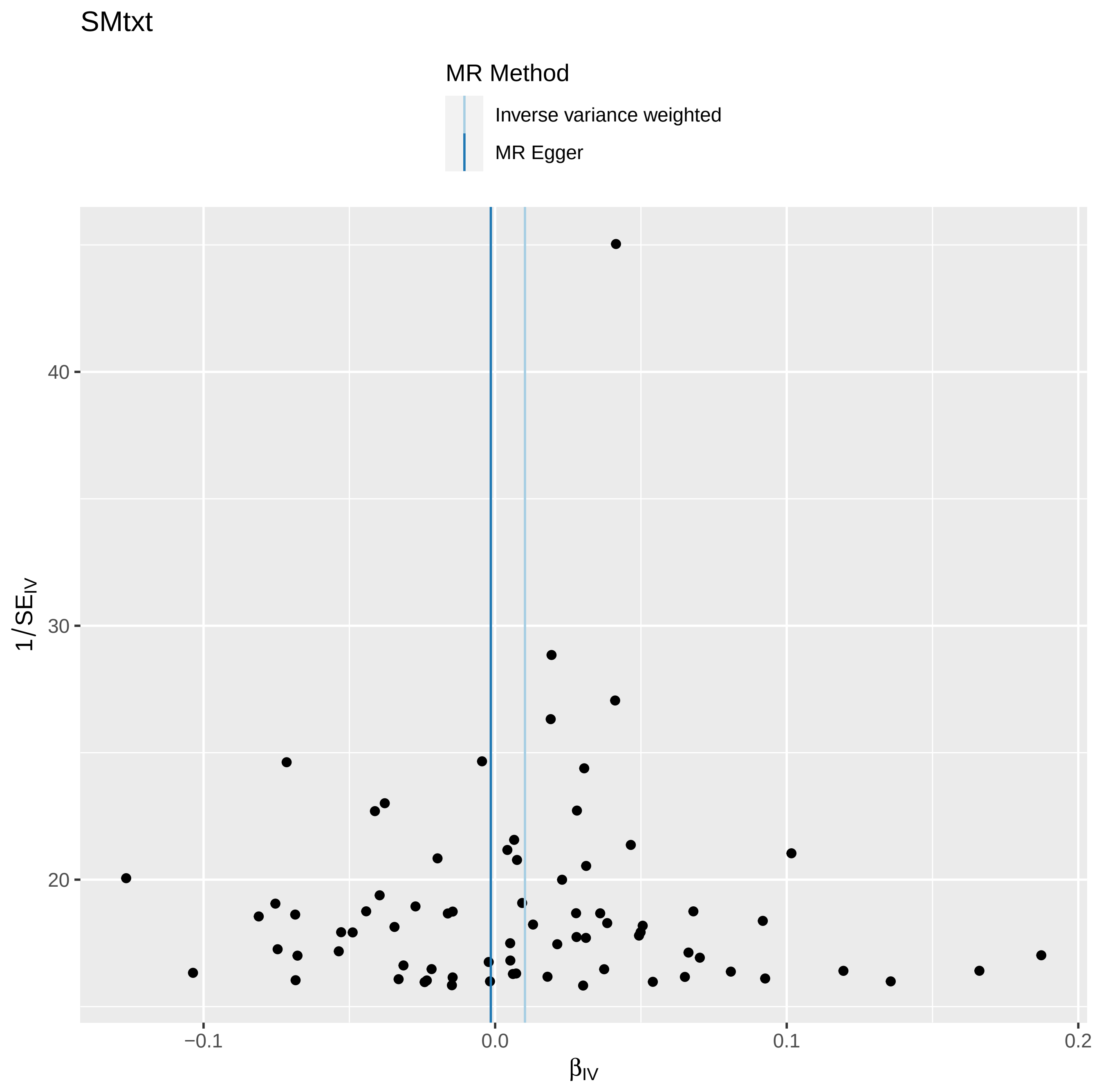

MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.2
−0.1
0.0
0.1
β_IV

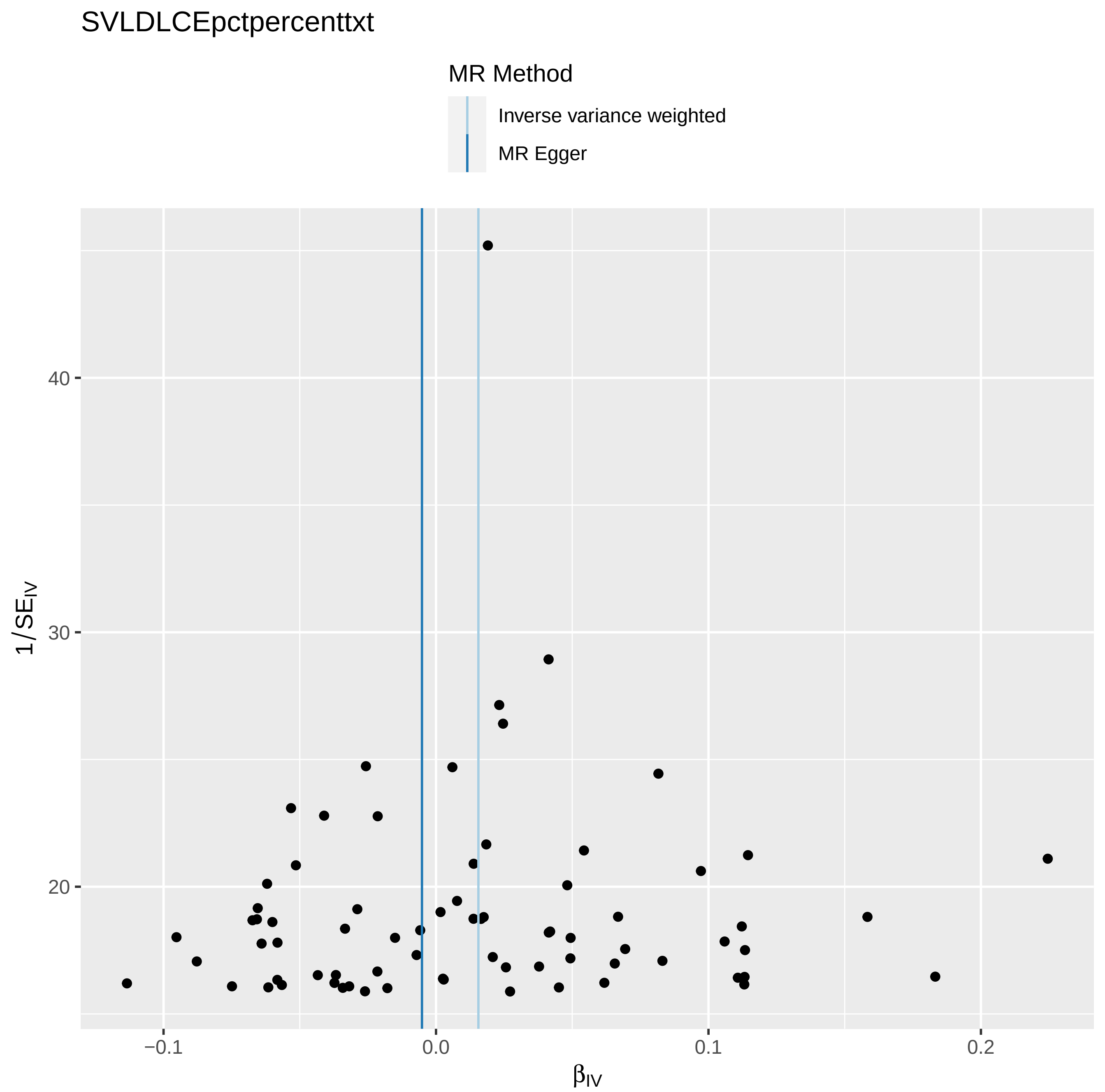
SLDLPtxt

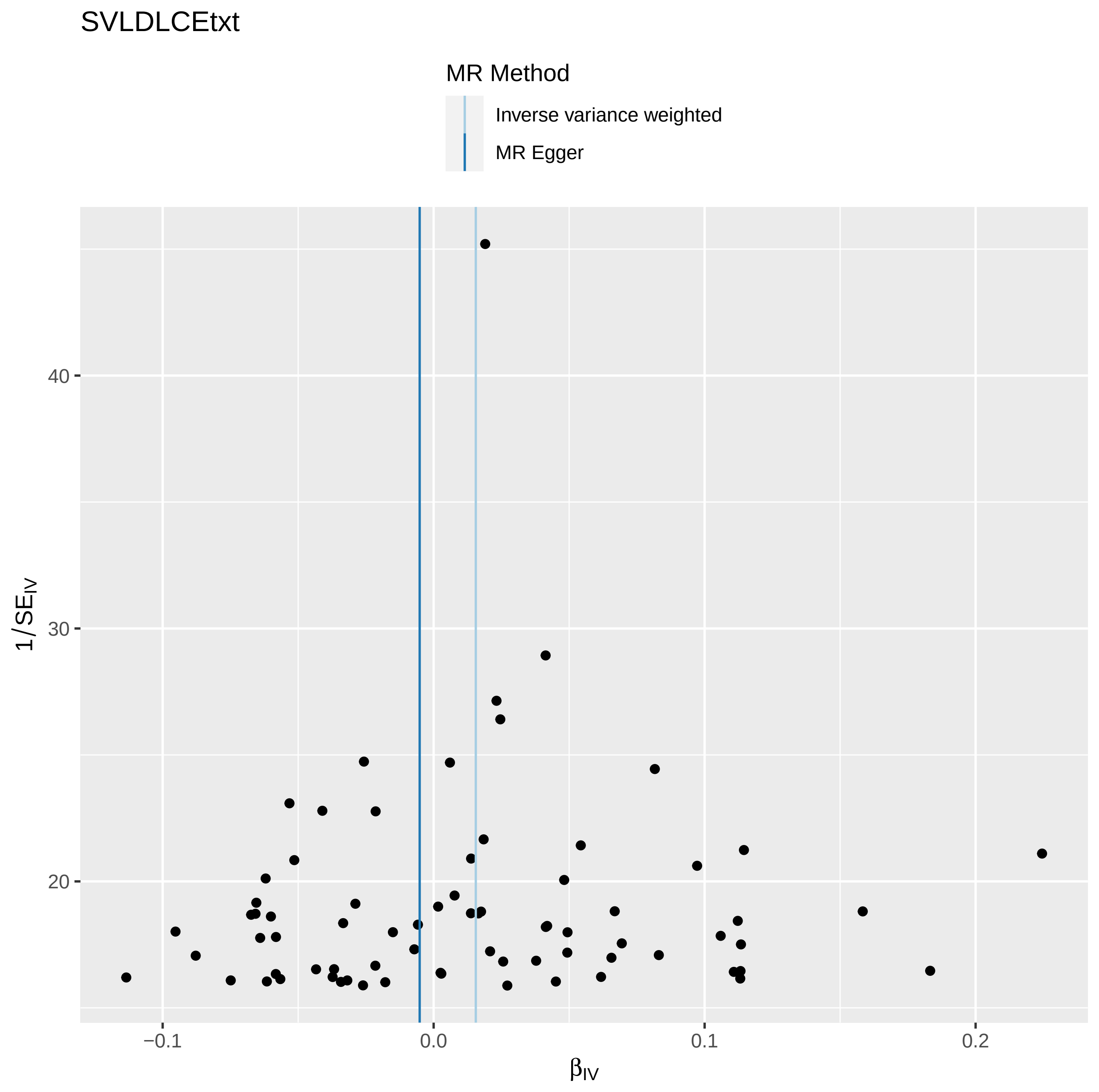

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
20
30
40
−0.2
−0.1
0.0
0.1
β$_{IV}$

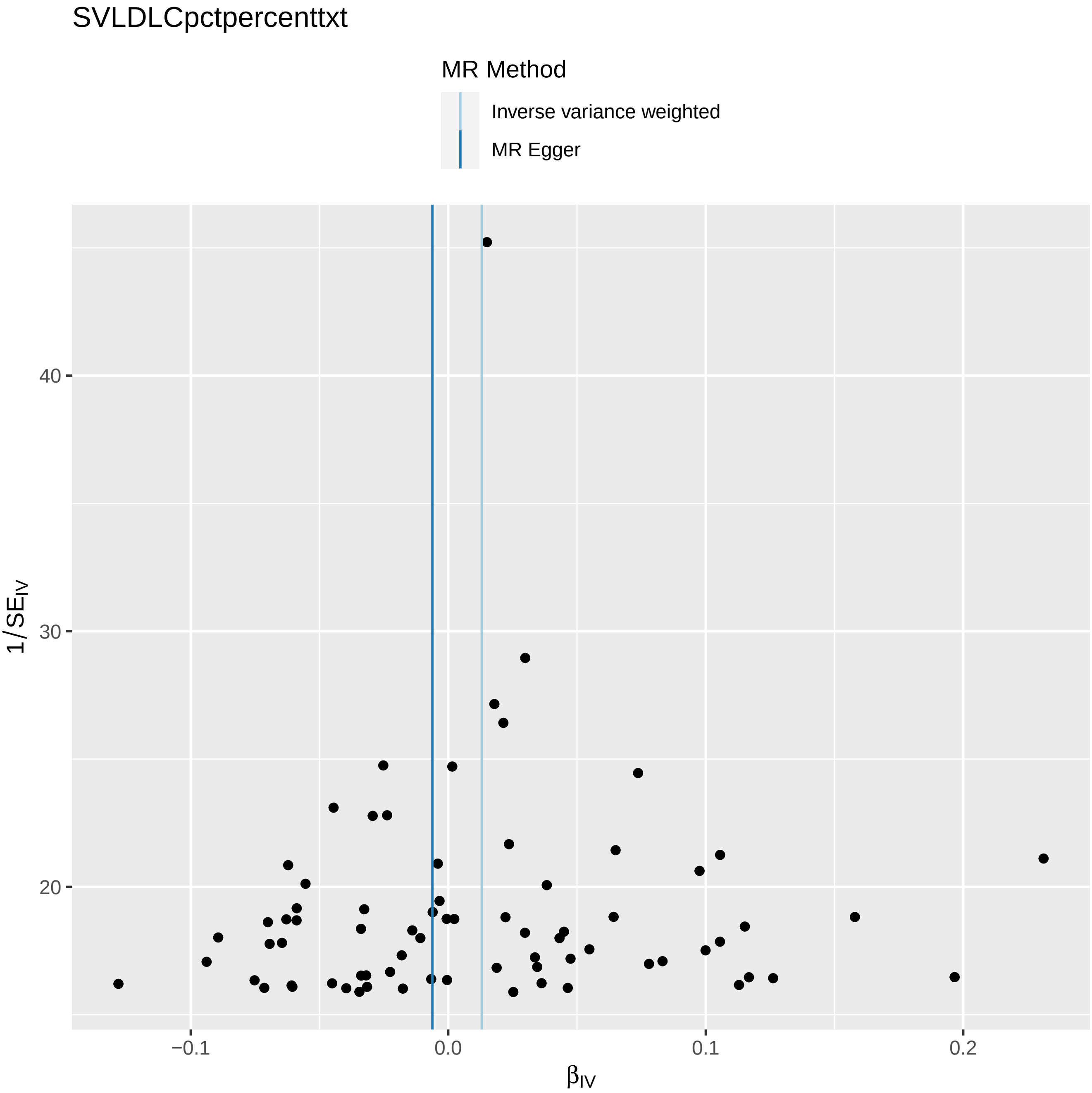

SLDLTGpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.3
−0.2
−0.1
0.0
0.1
β$_{IV}$

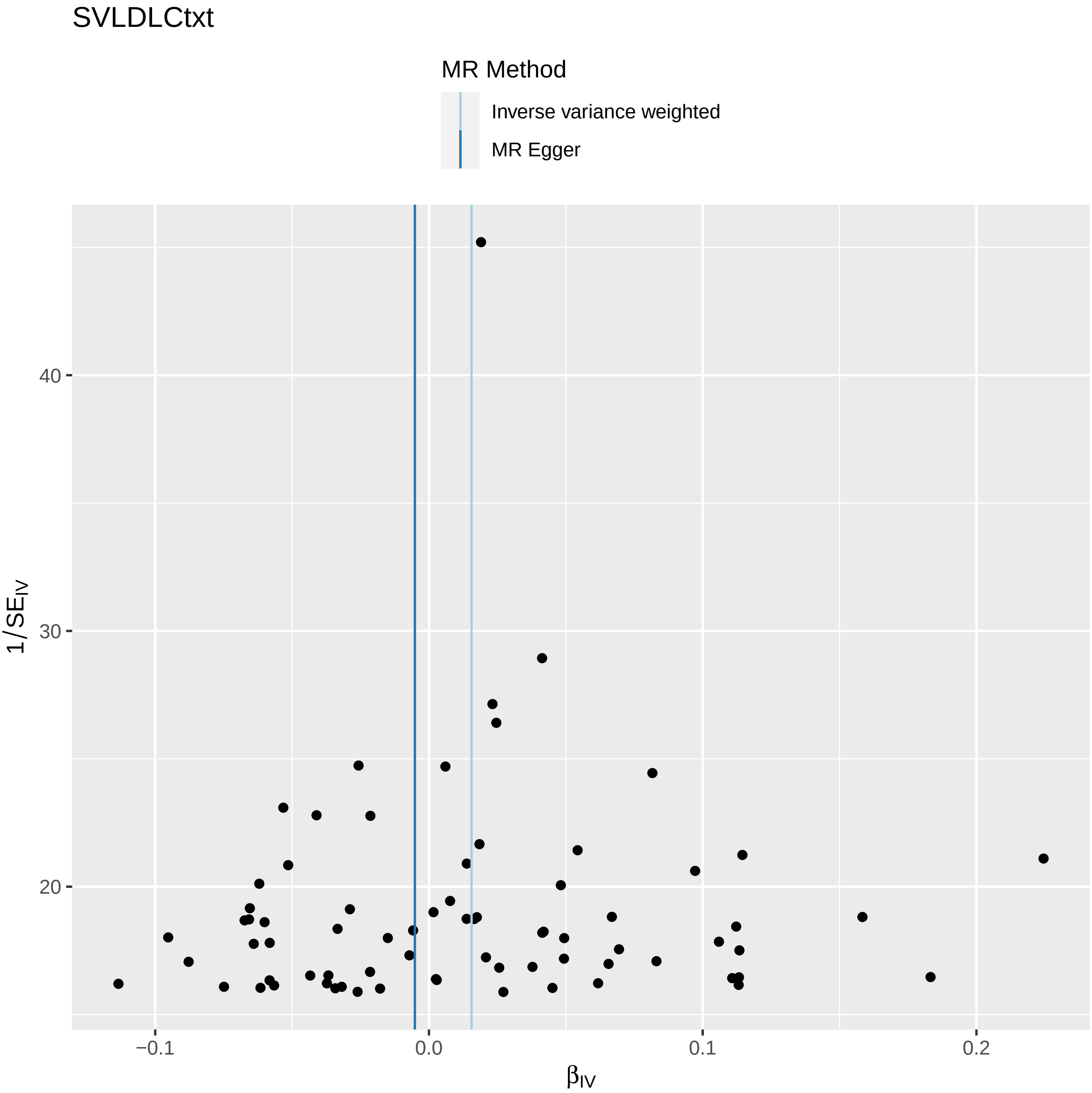

SLDLTGtxt
MR Method
Inverse variance weighted
MR Egger
1/$SE_{IV}$
40
30
20
−0.3
−0.2
−0.1
0.0
0.1
$\beta_{IV}$

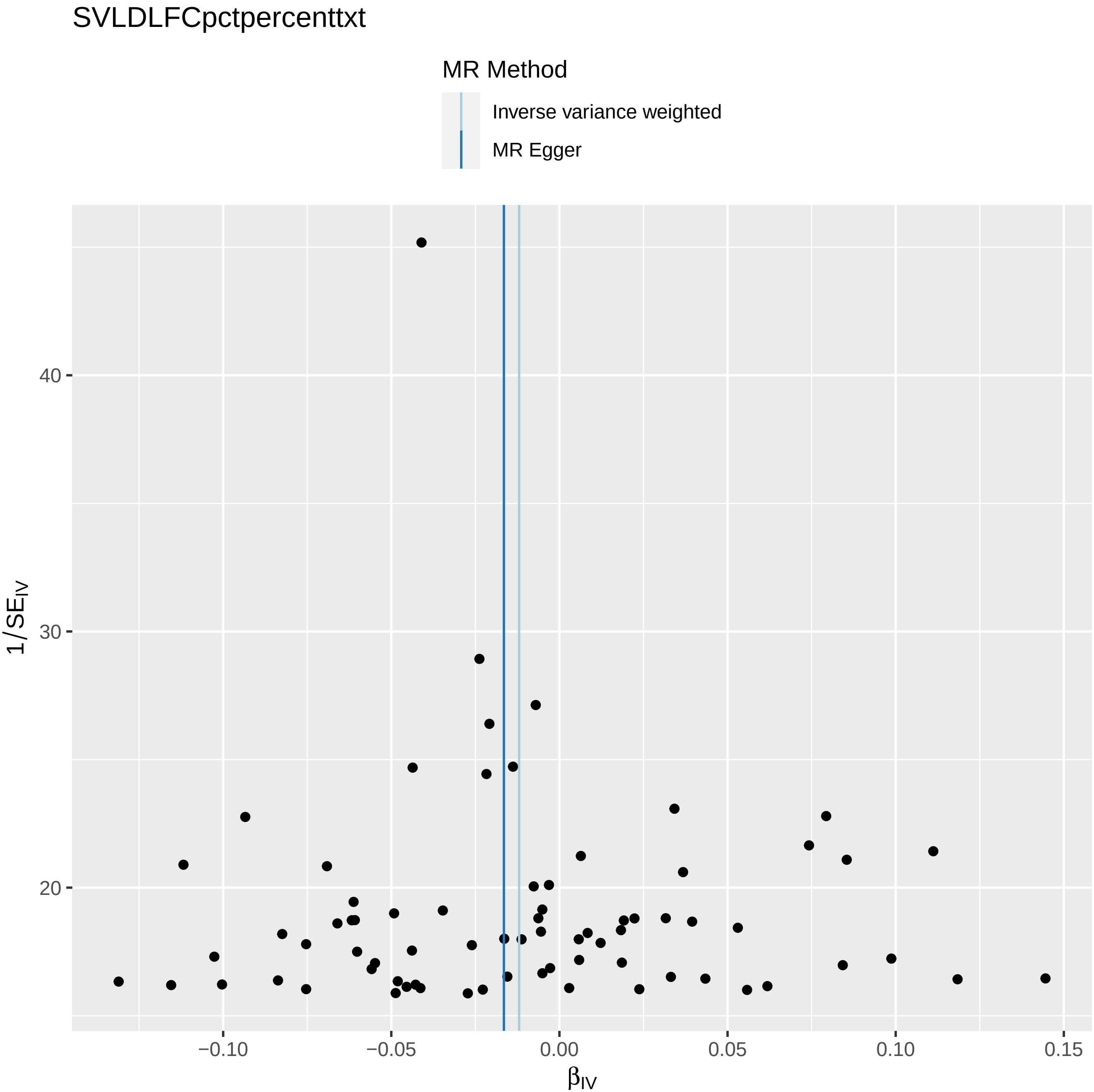

SMtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV


SVLDLCEpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
0.2
β$_{IV}$


SVLDLCEtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.1
0.0
0.1
0.2
$\beta_{IV}$


SVLDLCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
β$_{IV}$


SVLDLCtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
β$_{IV}$
−0.1
0.0
0.1
0.2


SVLDLFCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
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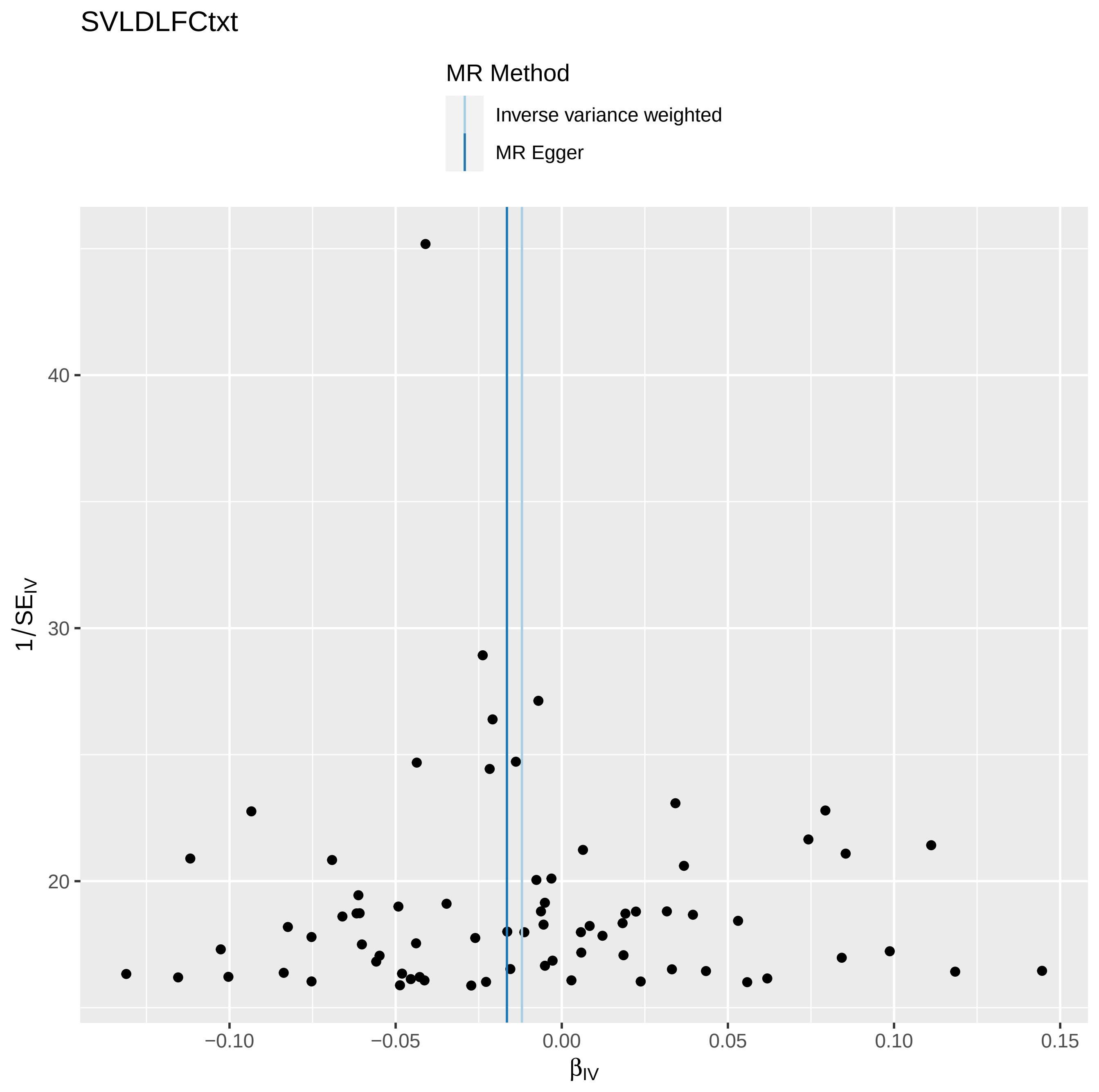
30
20
−0.10
−0.05
0.00
0.05
0.10
0.15
β$_{IV}$


SVLDLFCtxt
MR Method
Inverse variance weighted
MR Egger
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30
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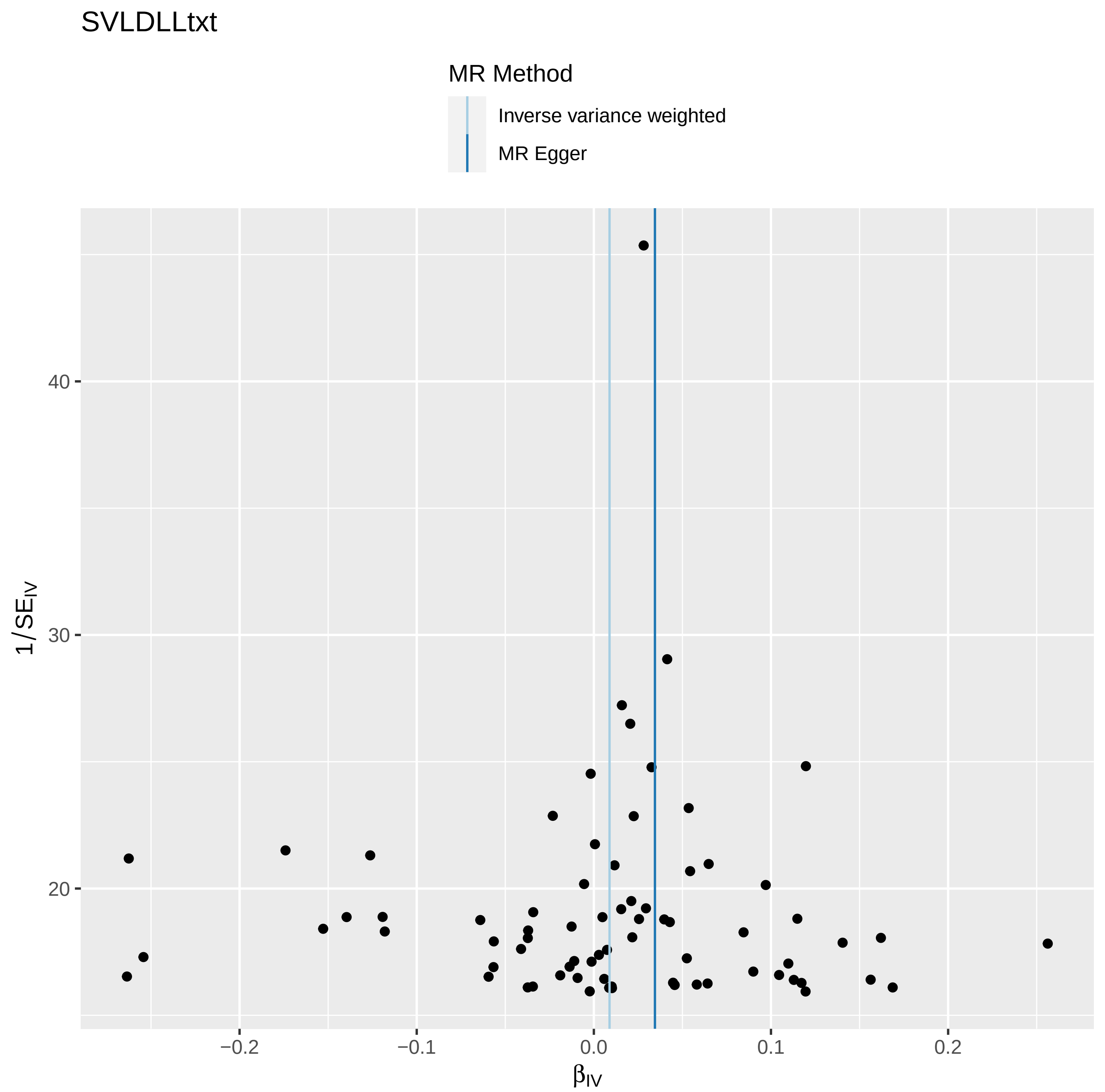
−0.10
−0.05
0.00
0.05
0.10
0.15
β_IV


SVLDLLtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
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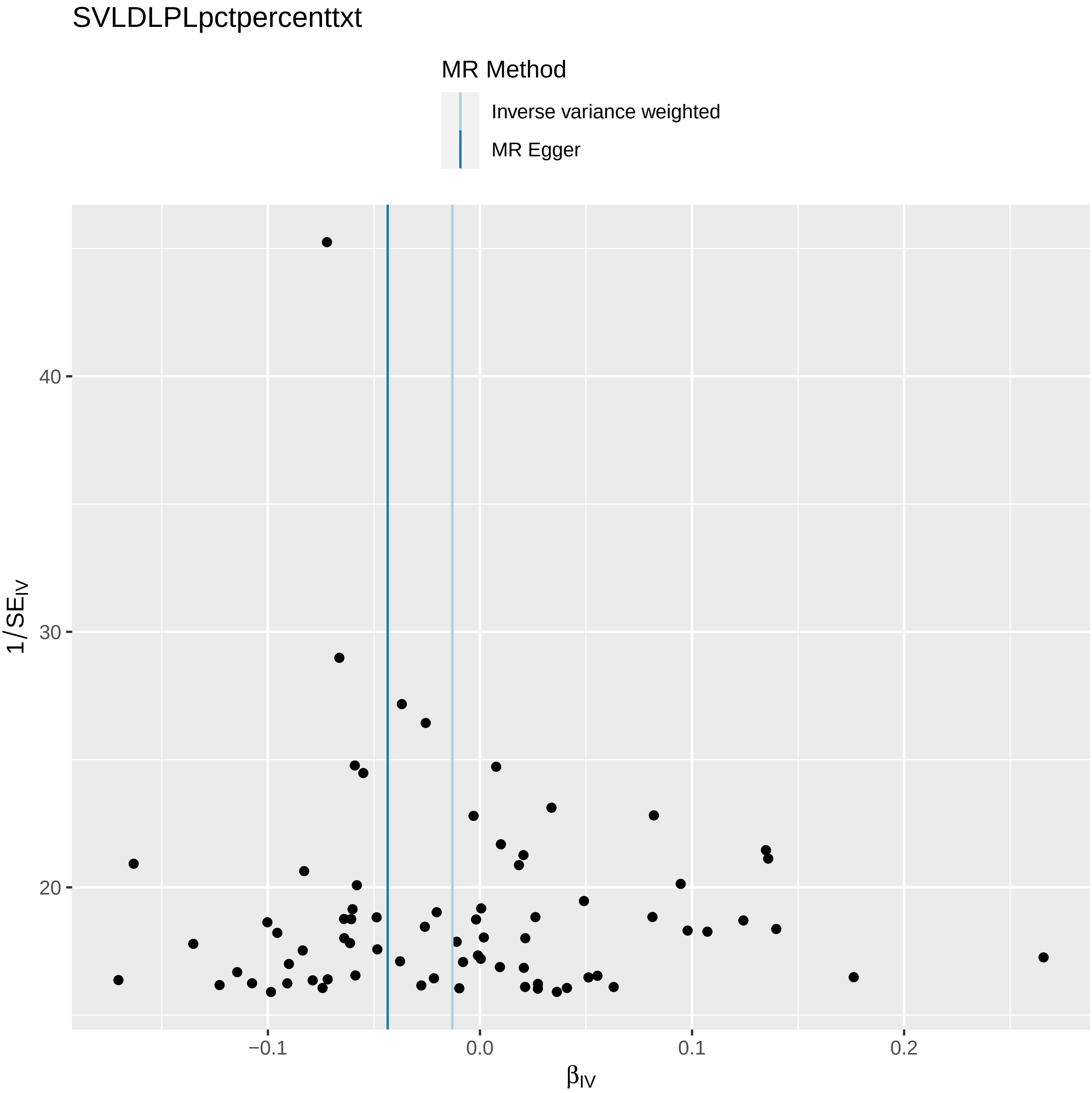
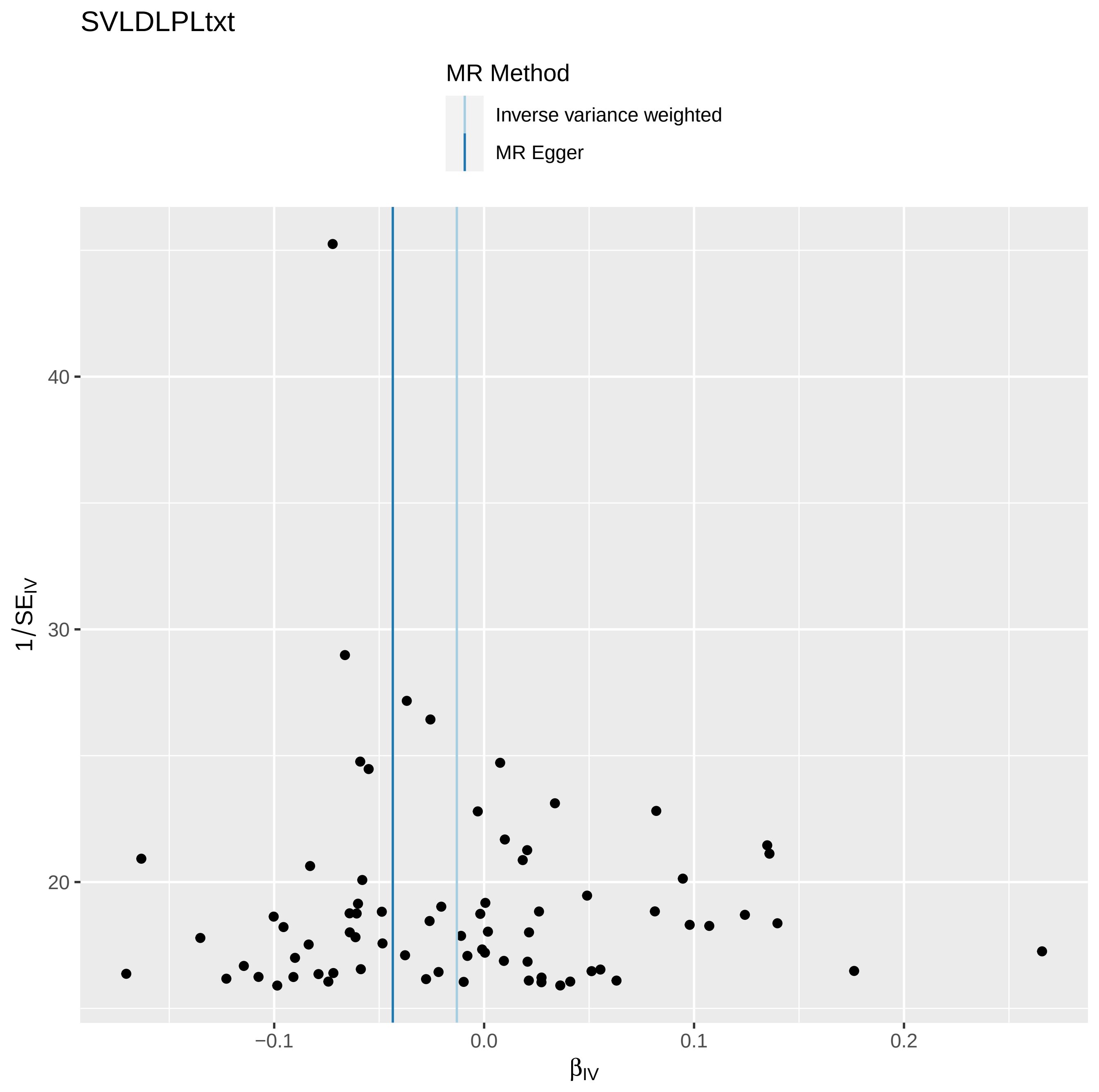
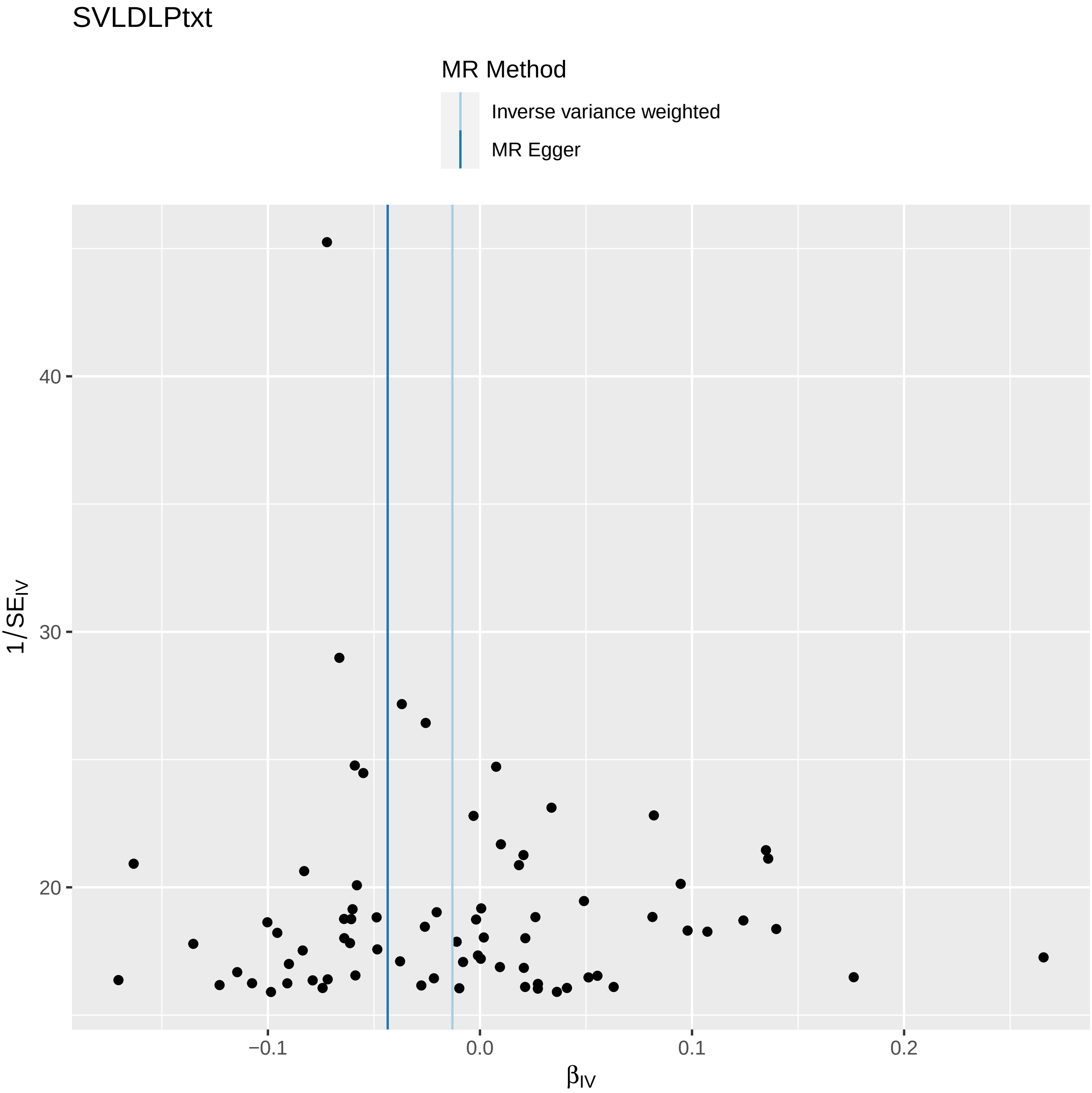
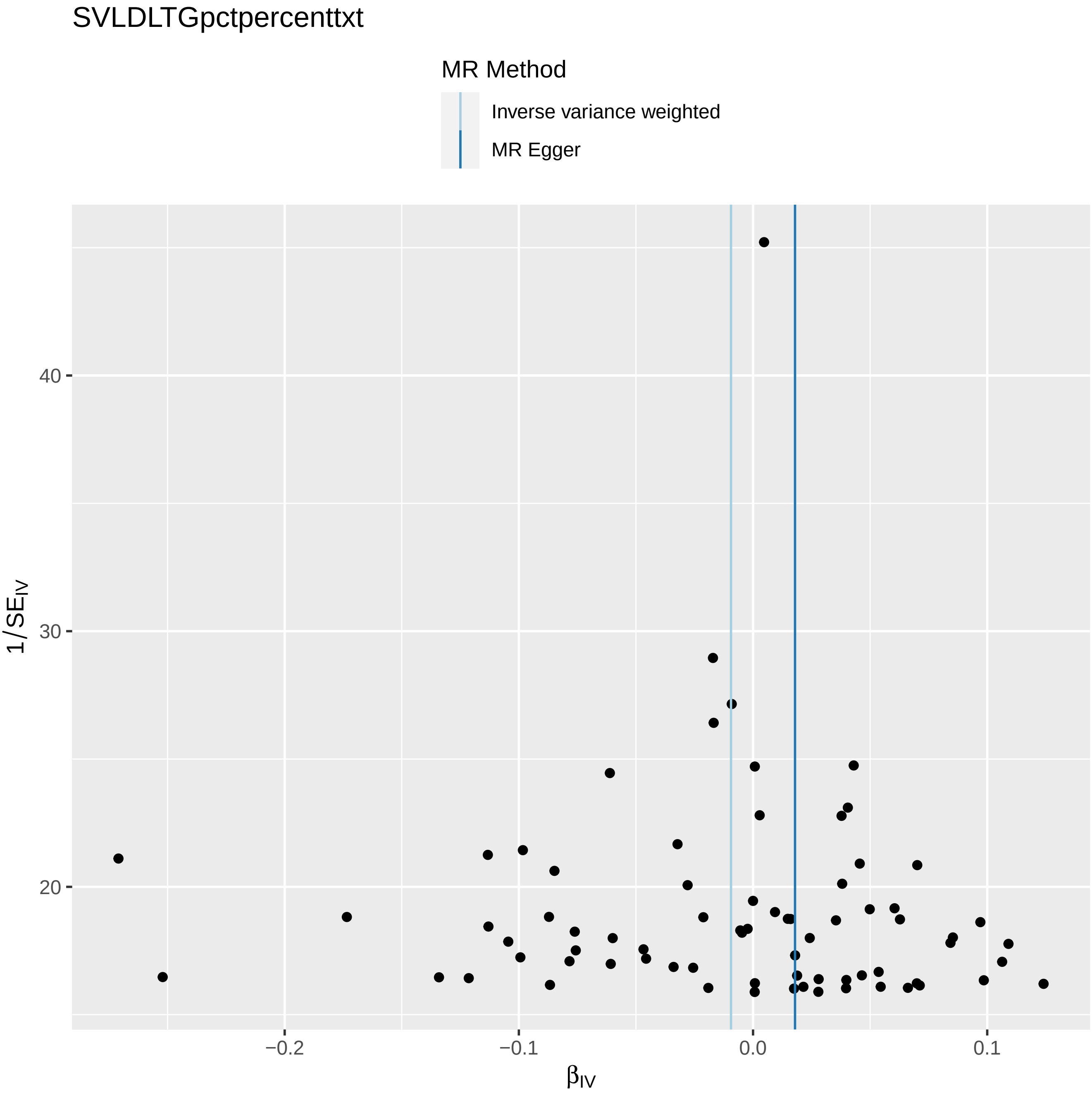
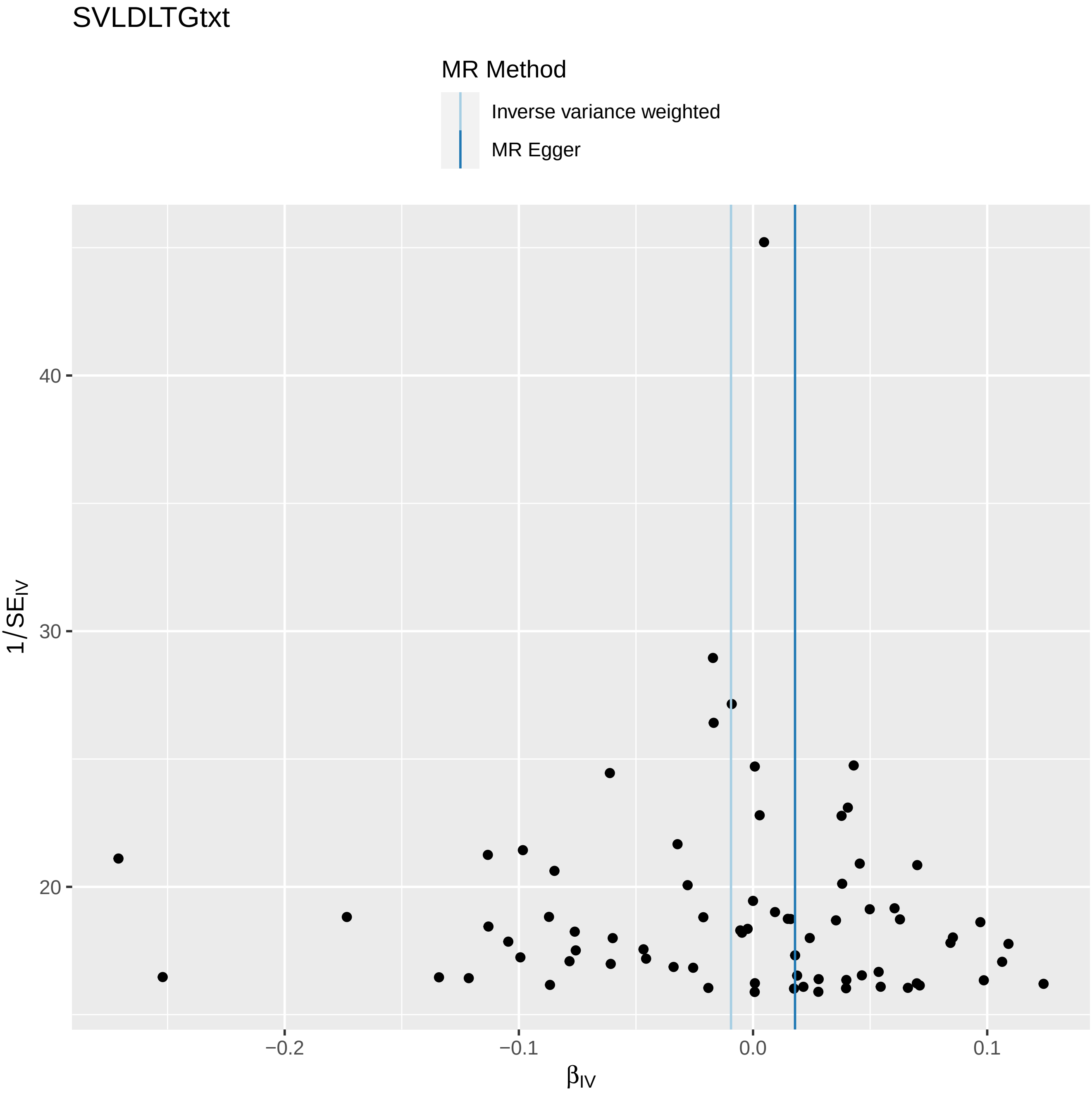
30
20
−0.2
−0.1
0.0
0.1
0.2
β$_{IV}$


SVLDLPLpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.1
0.0
0.1
0.2
$\beta_{IV}$

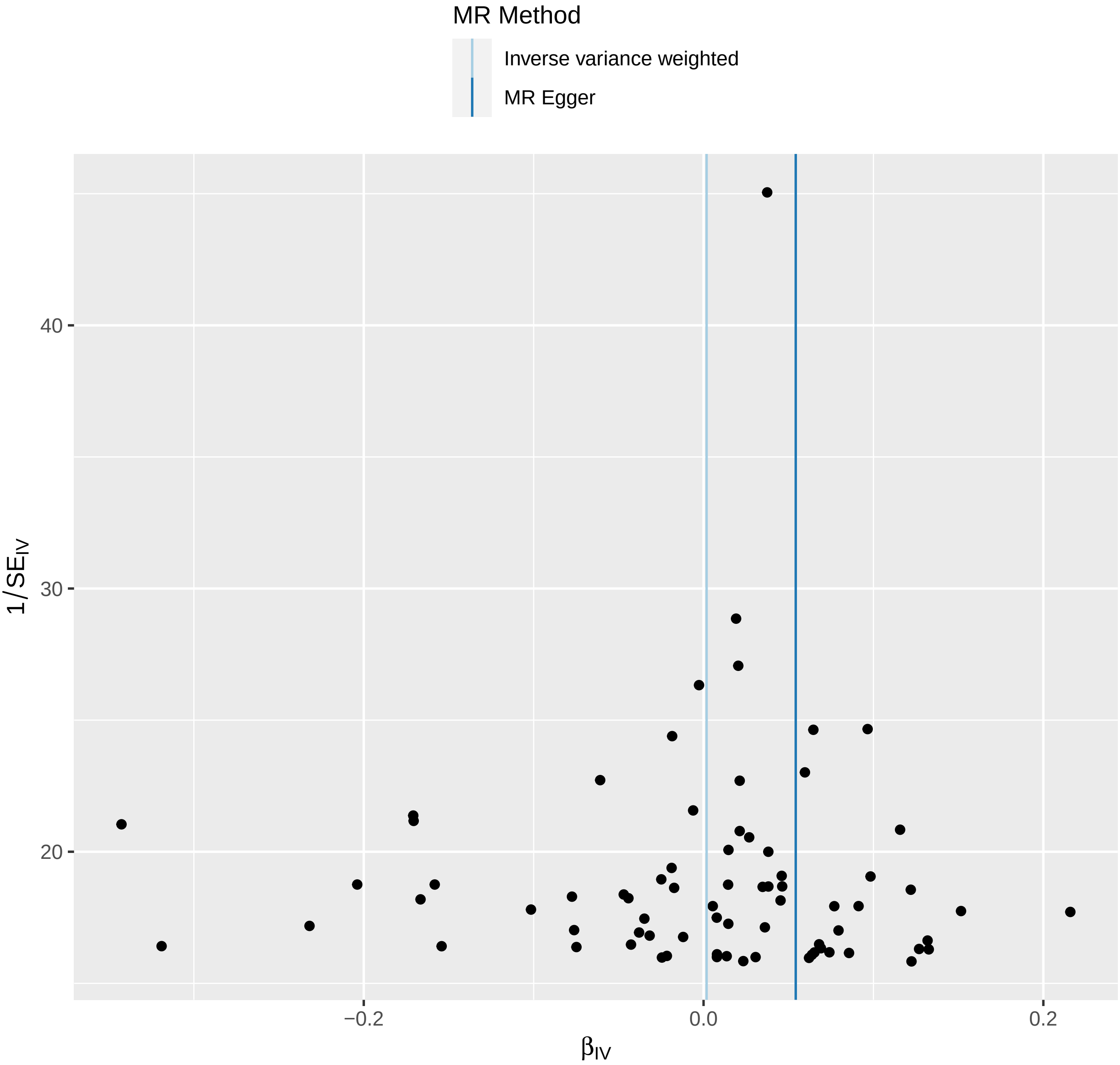

SVLDLPLtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.1
0.0
0.1
0.2
$\beta_{IV}$


SVLDLPtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV


SVLDLTGpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
β$_{IV}$


SVLDLTGtxt
MR Method
Inverse variance weighted
MR Egger
1/$SE_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
$\beta_{IV}$

TGbyPGtxt


MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
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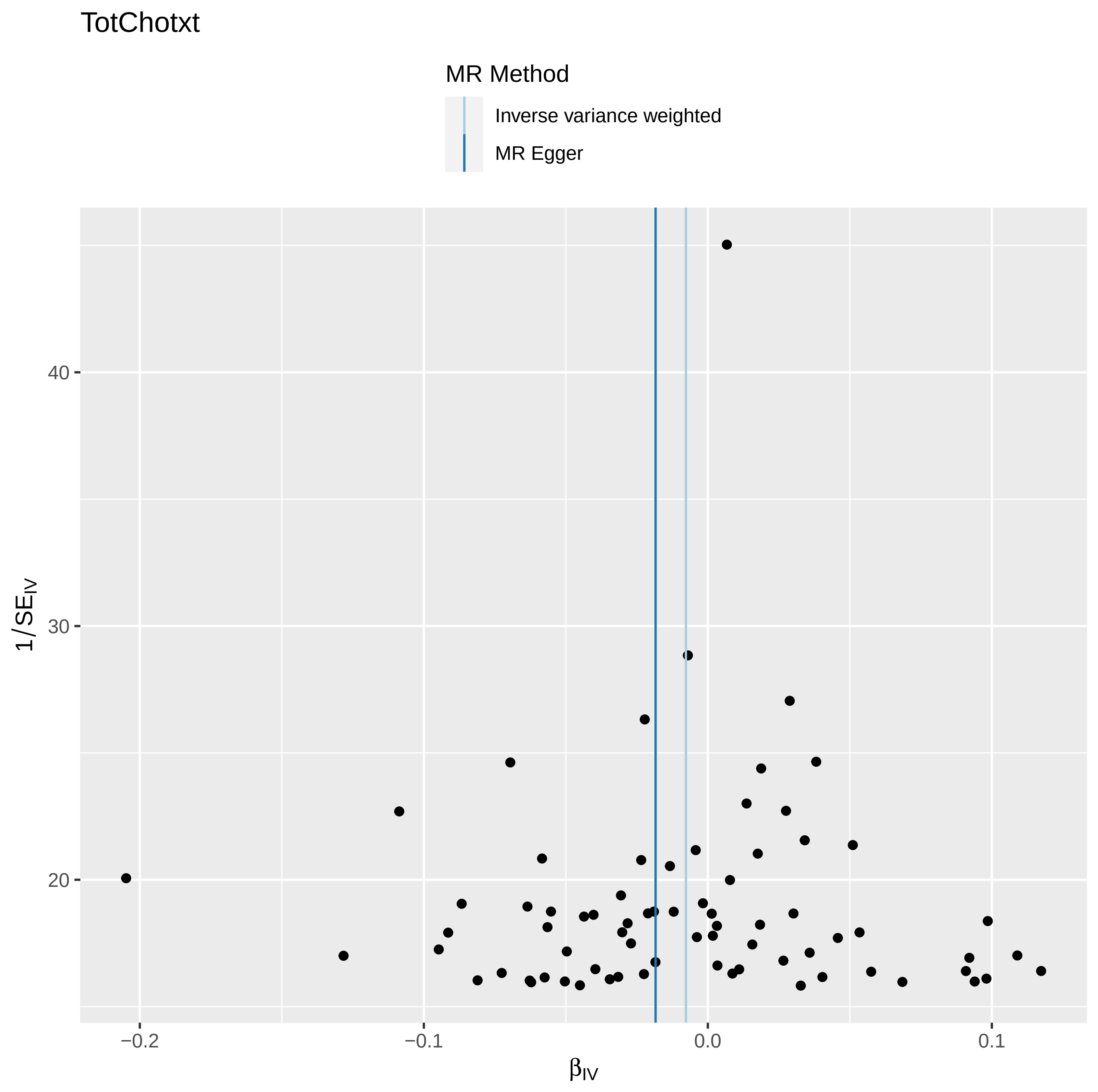
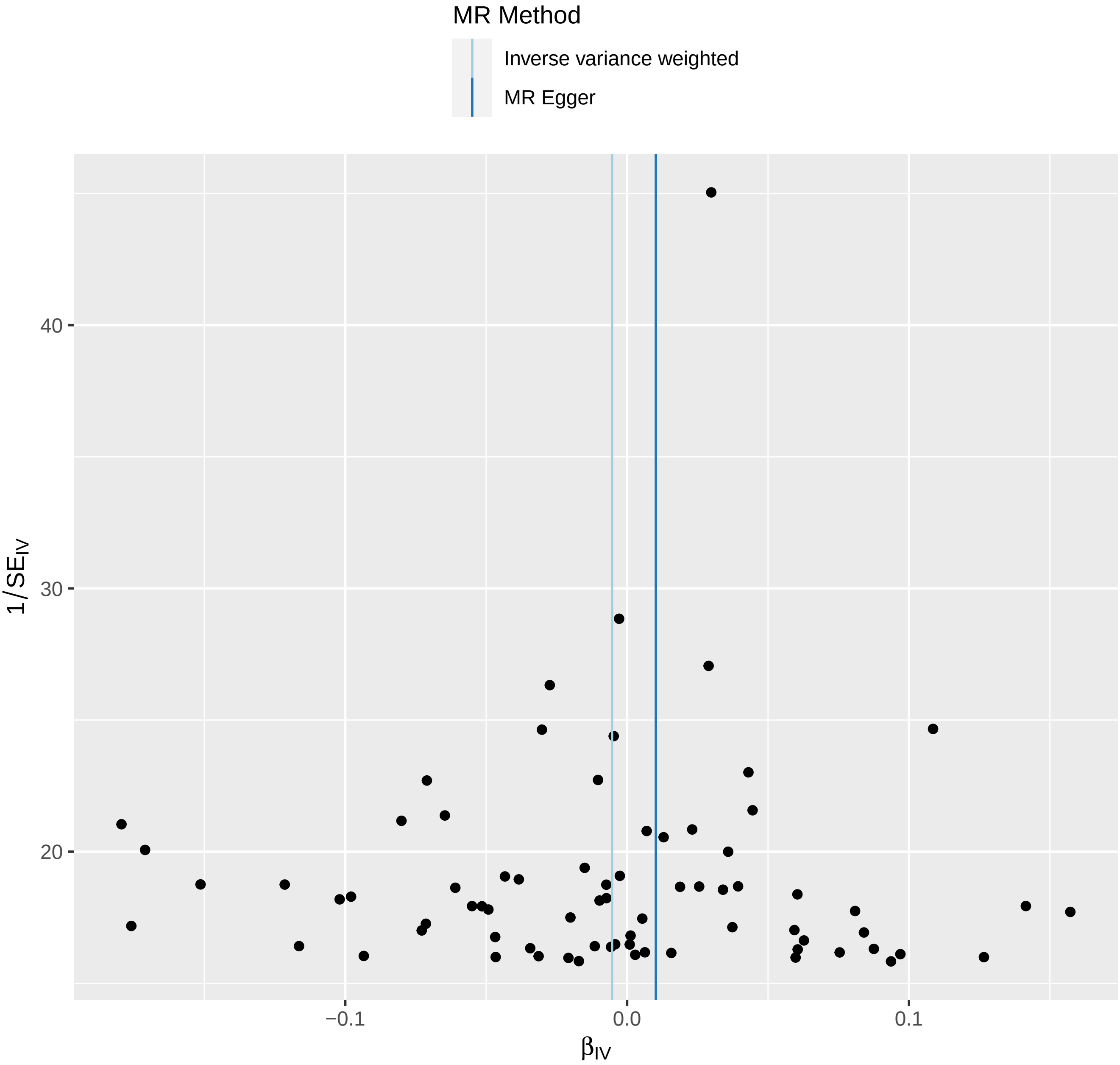
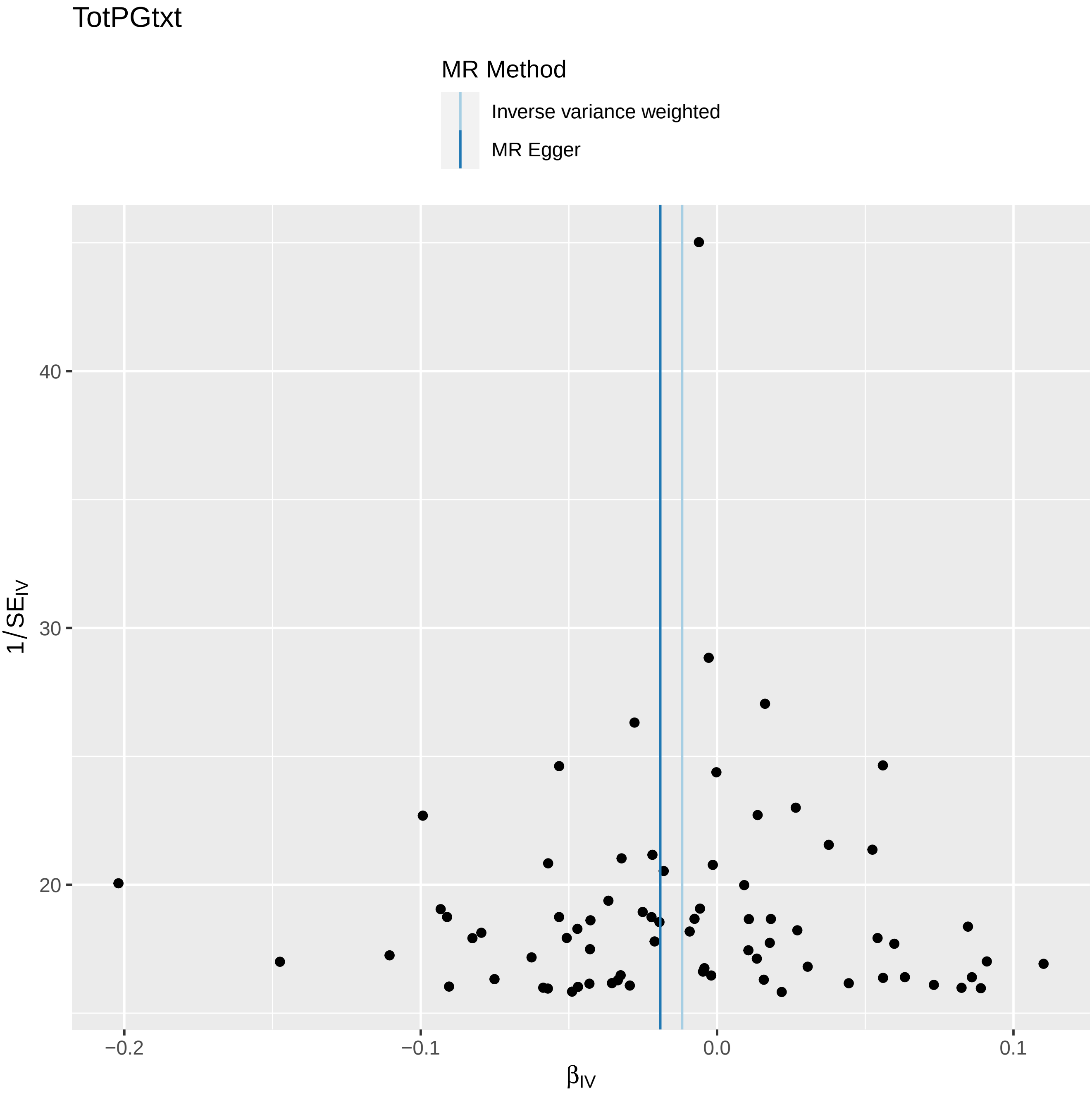
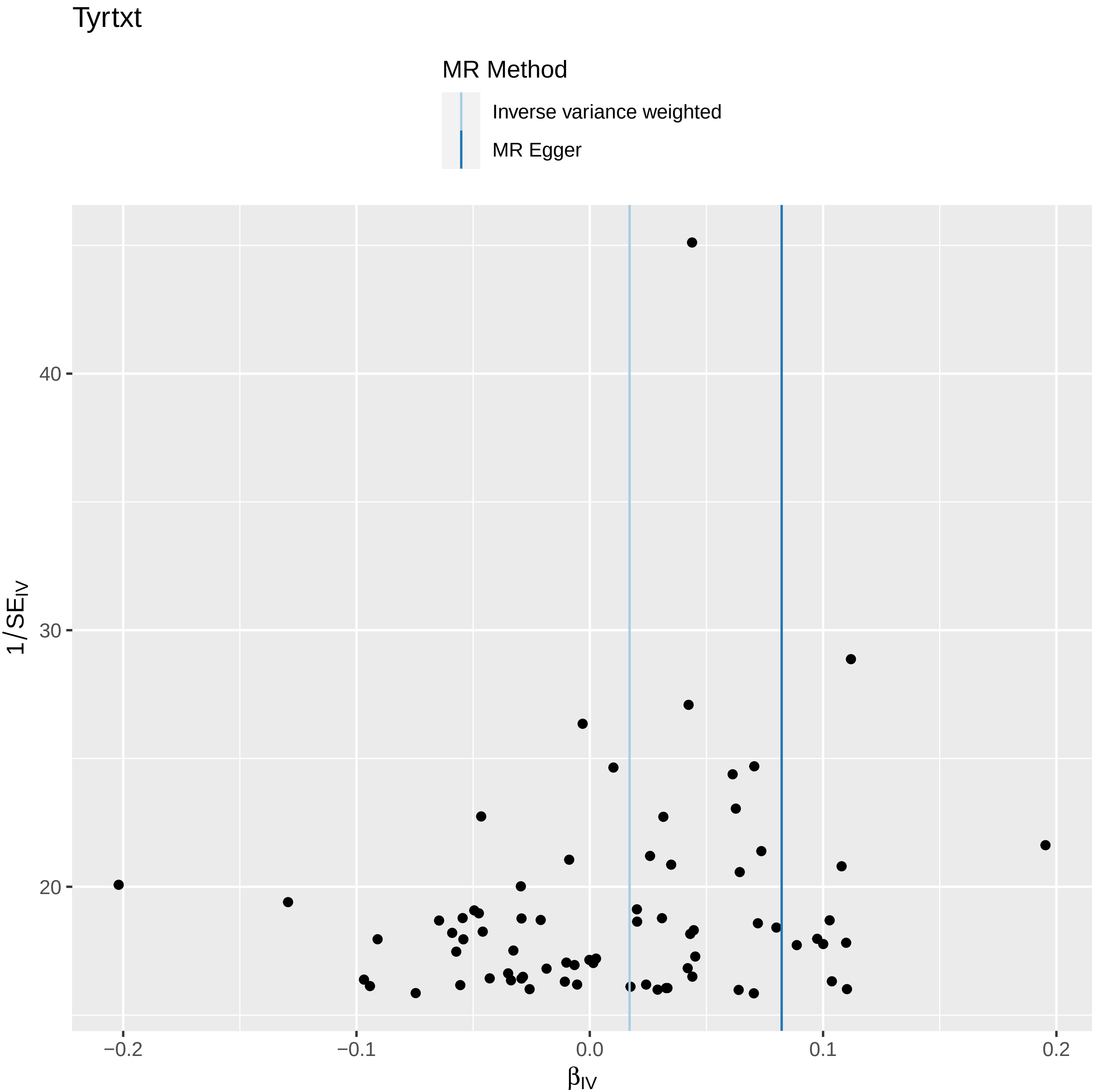
0.0
0.2
β$_{IV}$

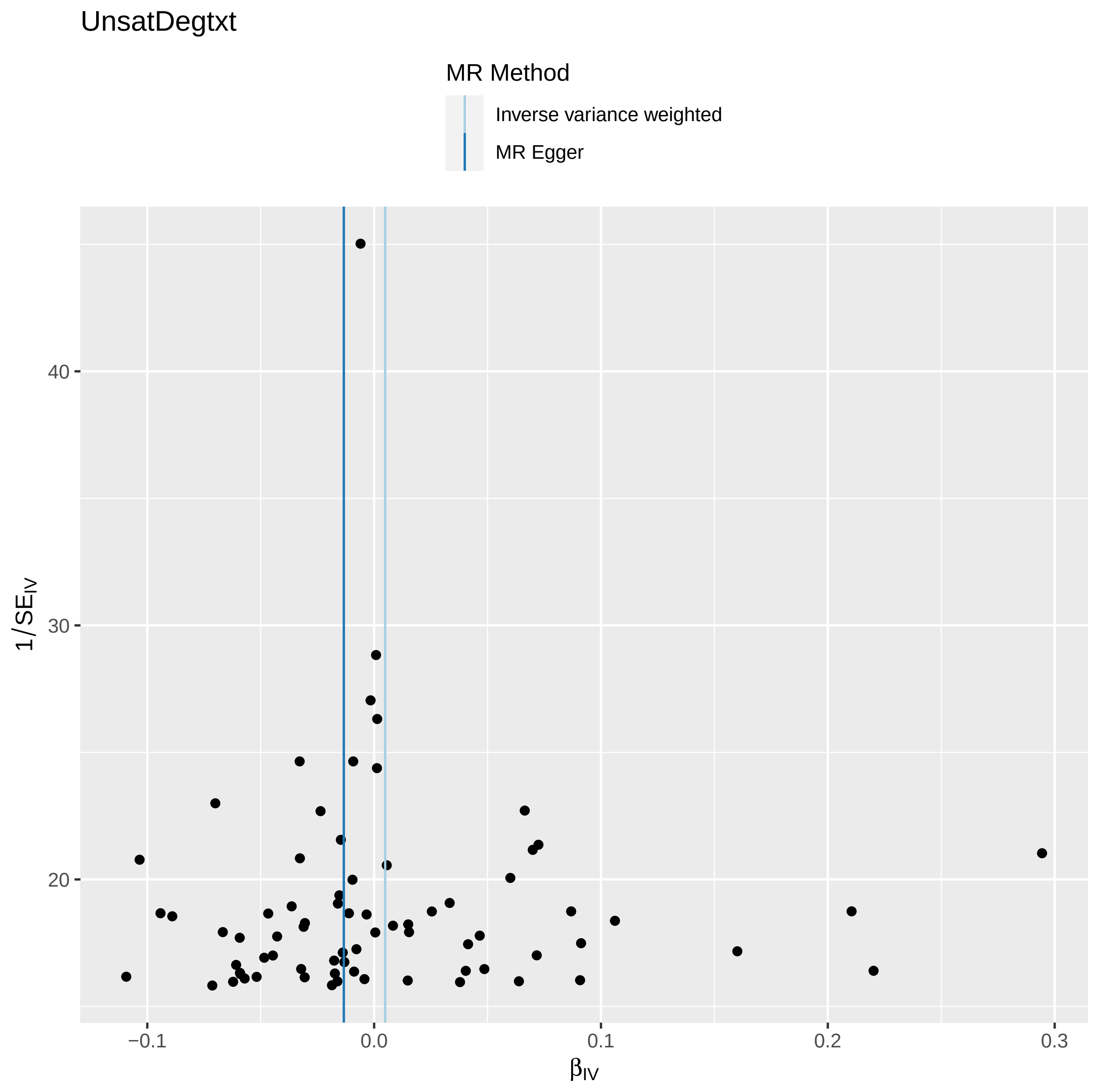

TotChotxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
30
20
β_IV
−0.2
−0.1
0.0
0.1

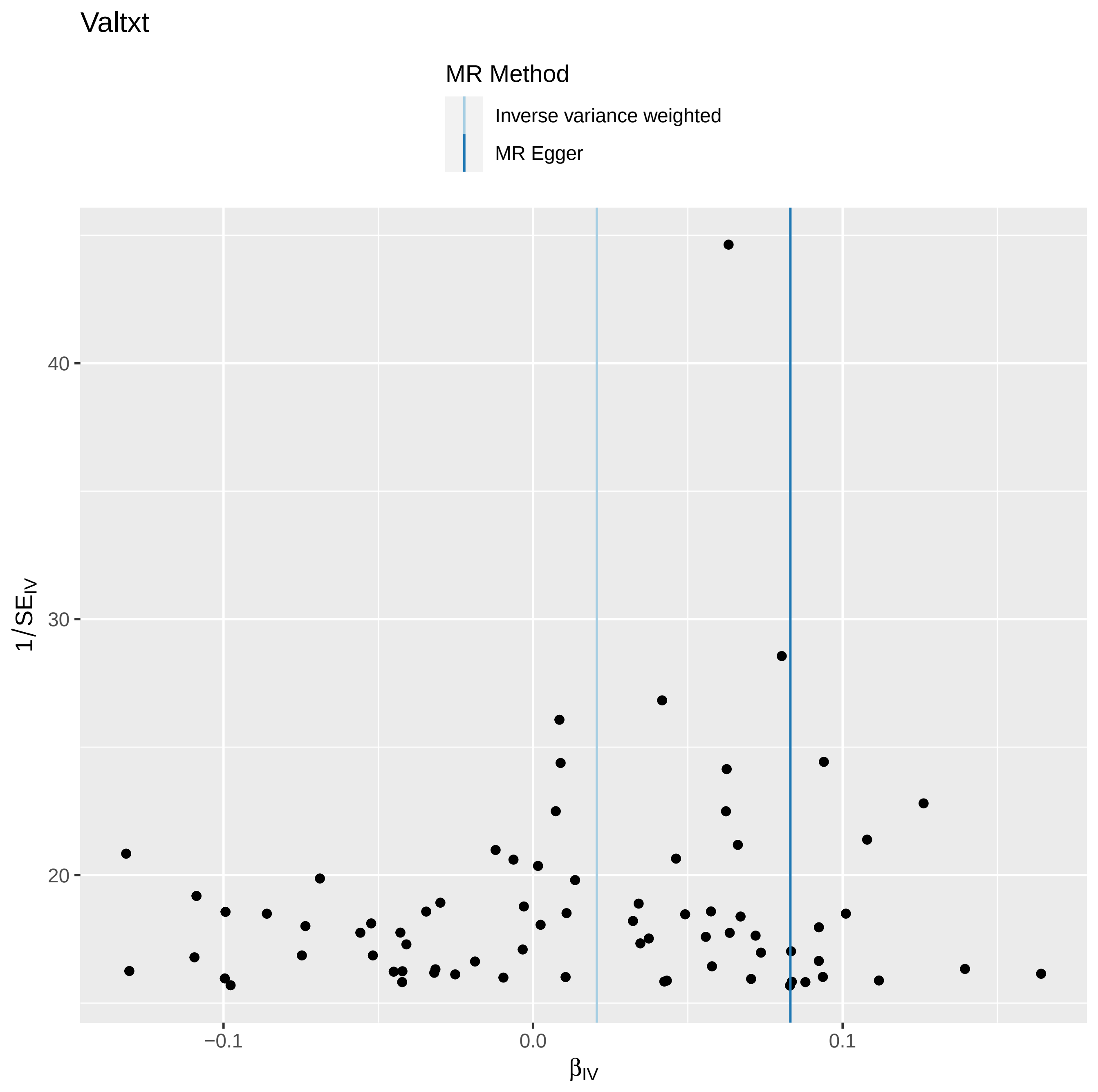
TotFAtxt

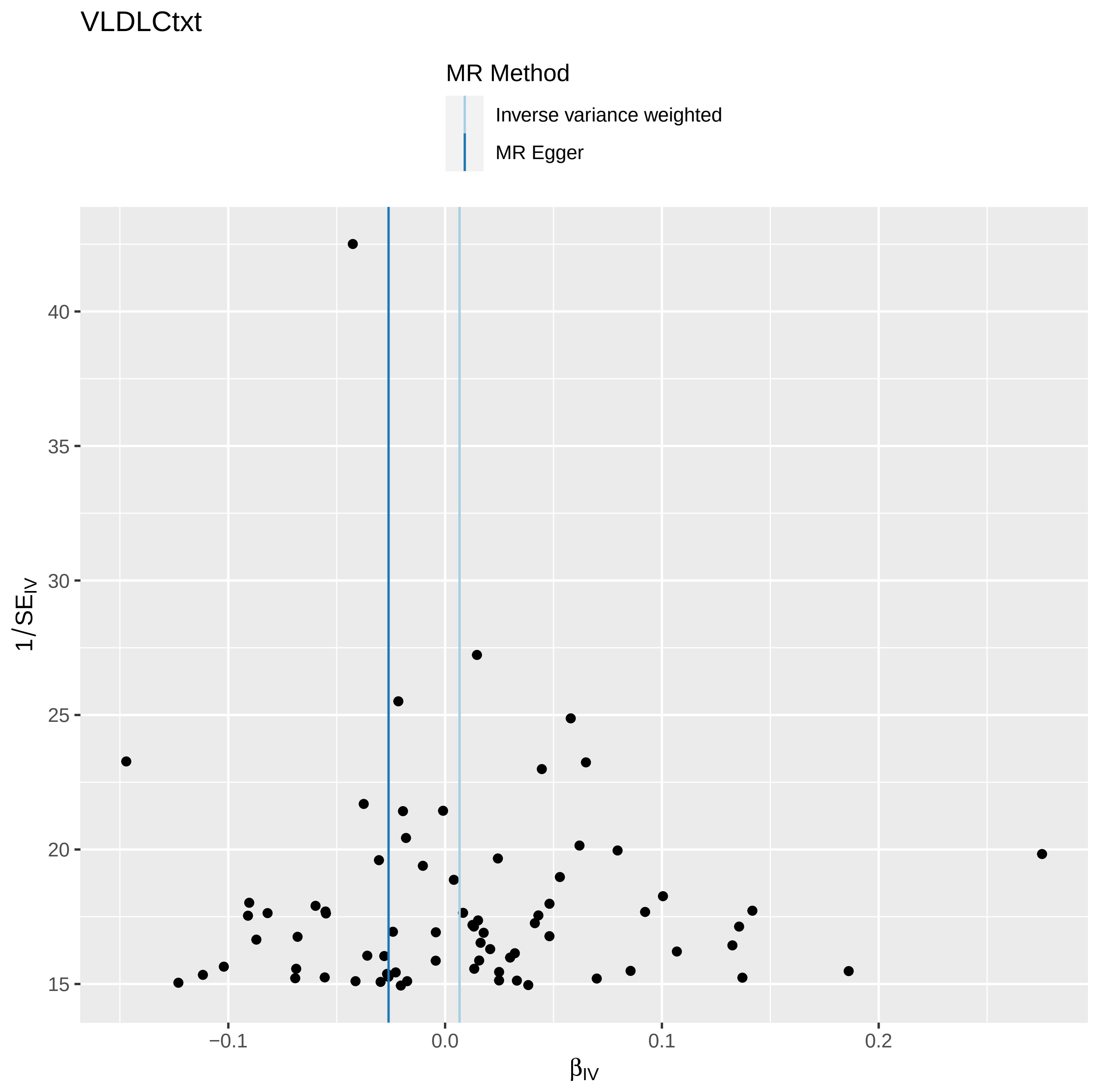

MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.1
0.0
0.1
β$_{IV}$


TotPGtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
β$_{IV}$


Tyrtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.2
−0.1
0.0
0.1
0.2
β_IV


UnsatDegtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
0.3
β_IV


Valtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
β$_{IV}$


VLDLCtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
35
30
25
20
15
β$_{IV}$
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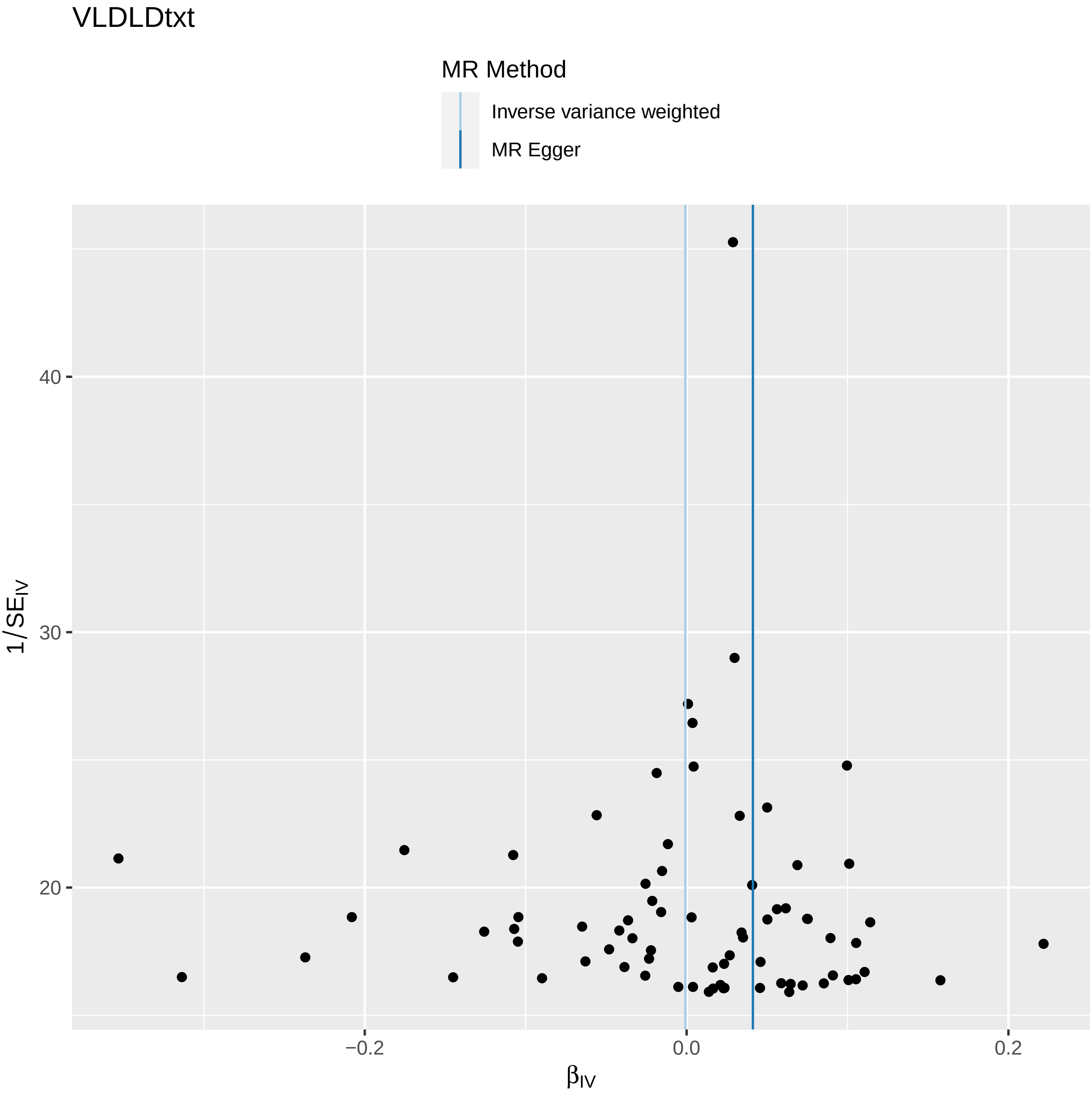
0.0
0.1
0.2


VLDLDtxt
MR Method
Inverse variance weighted
MR Egger
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30
20
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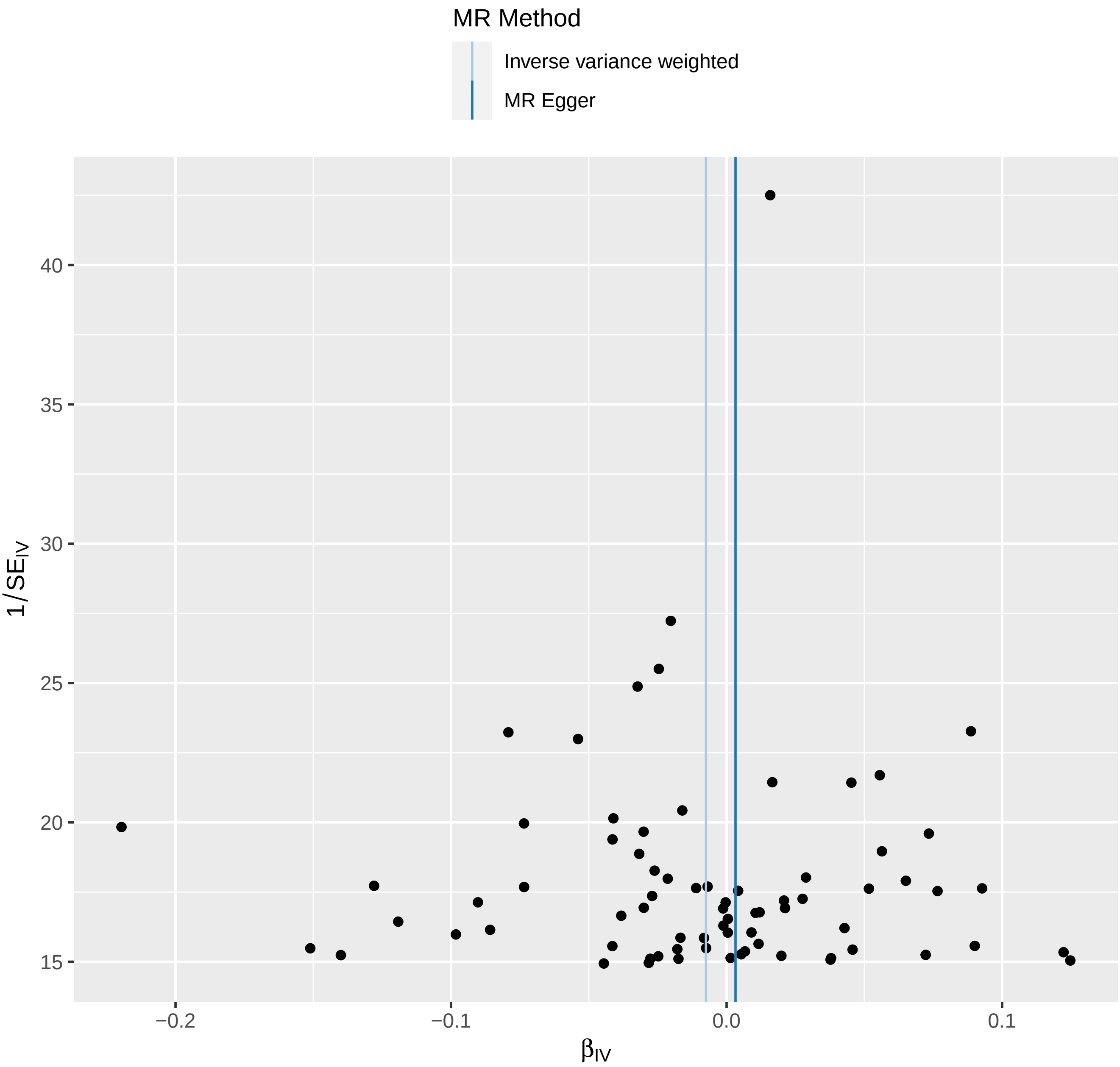
0.0
0.2
β$_{IV}$

VLDLTGtxt


MR Method
Inverse variance weighted
MR Egger
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35
30
25
20
15
1/SE$_{IV}$
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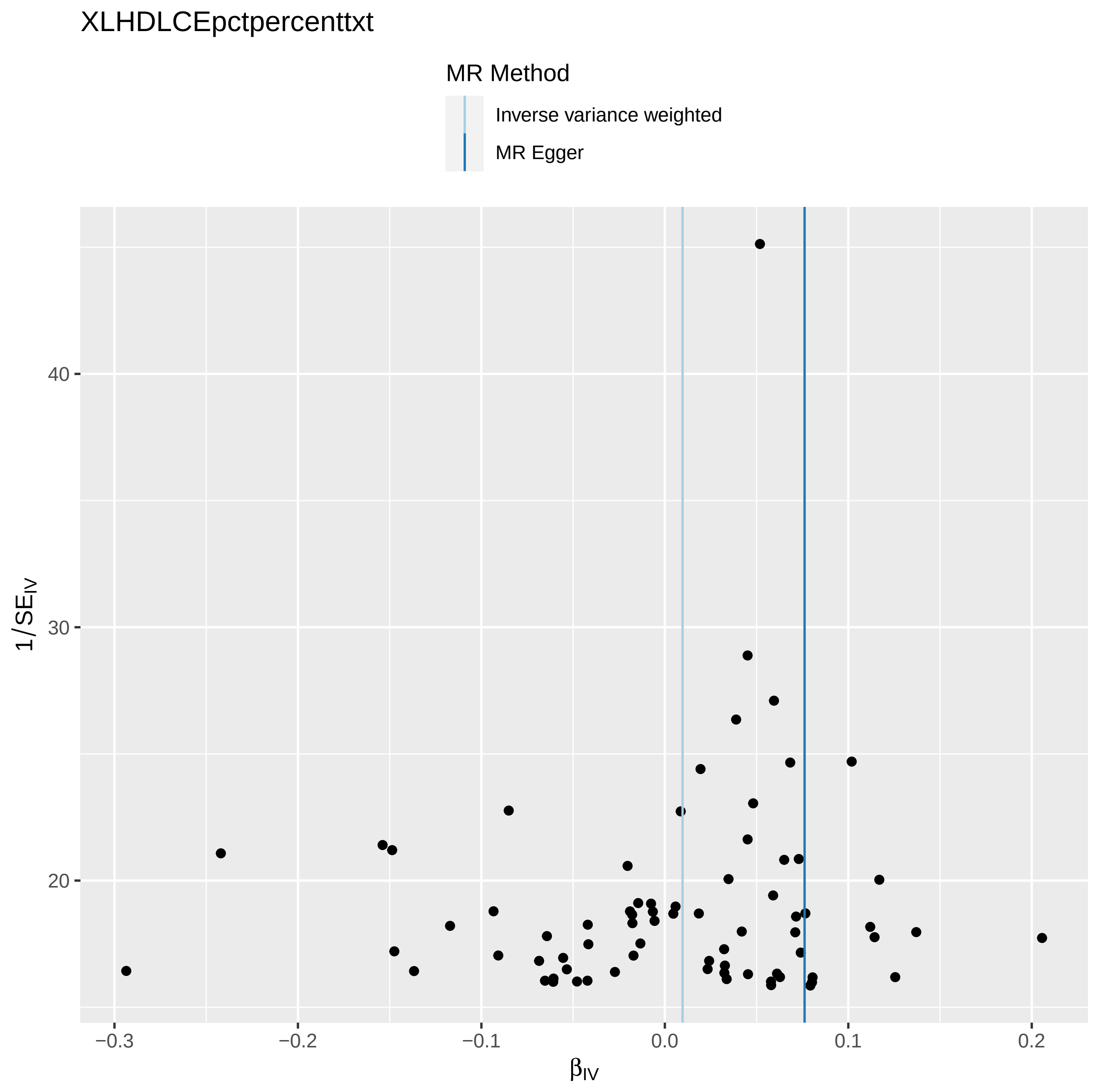
−0.1
0.0
0.1
β$_{IV}$


XLHDLCEpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
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$1/SE_{IV}$
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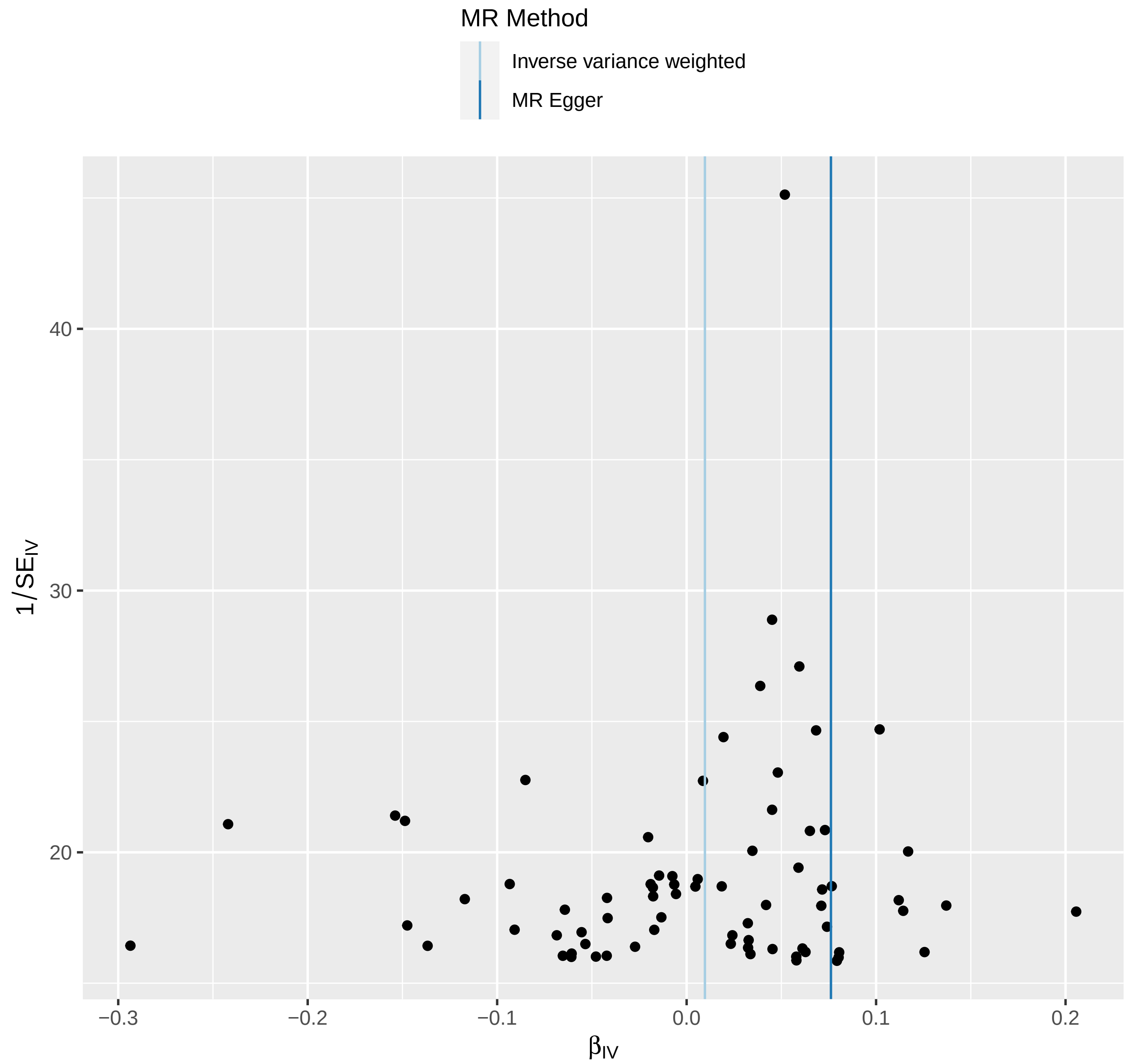
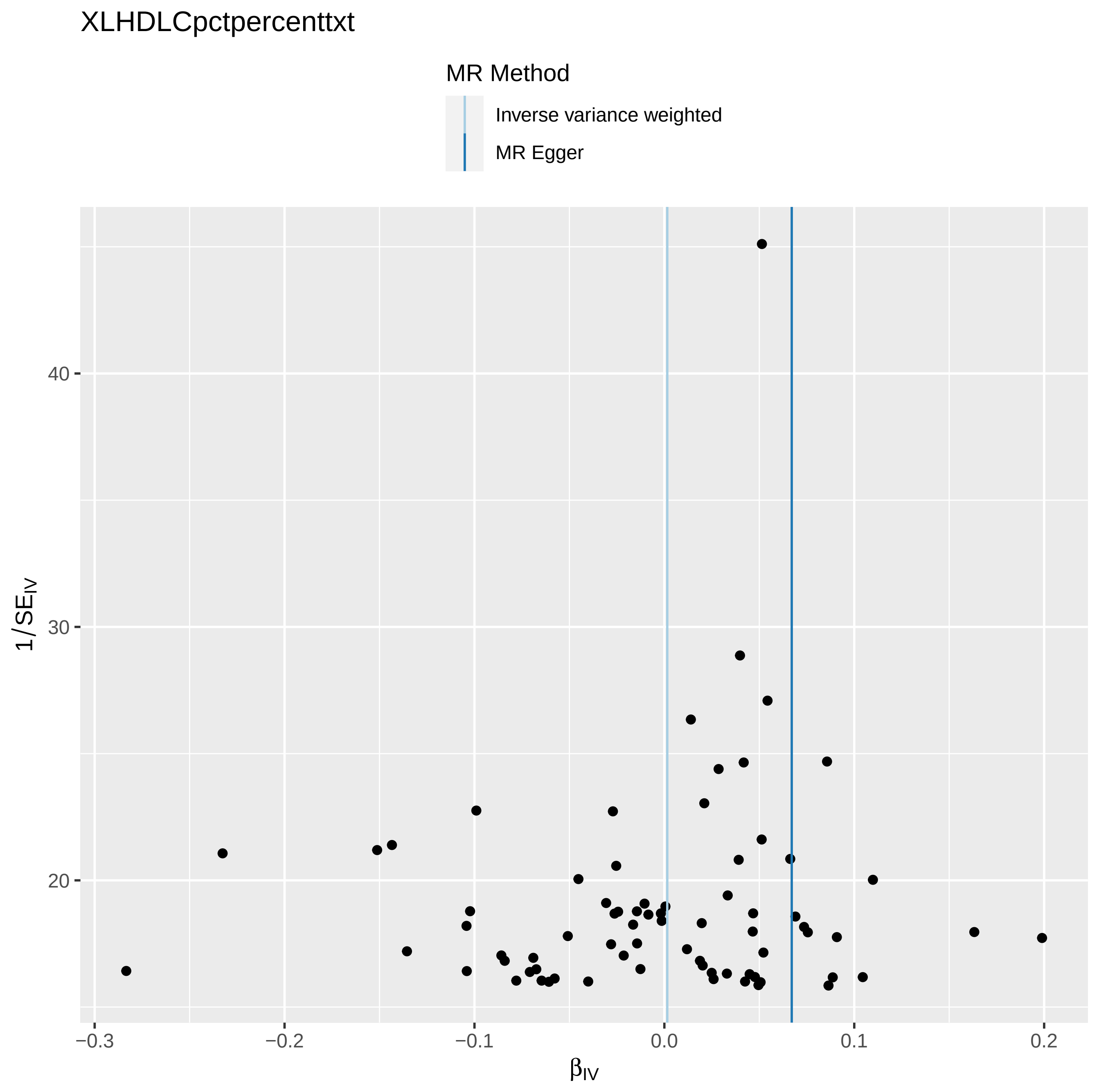
−0.2
−0.1
0.0
0.1
0.2
$\beta_{IV}$

XLHDLCEtxt


MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.3
−0.2
−0.1
0.0
0.1
0.2
β$_{IV}$


XLHDLCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
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1/SE$_{IV}$
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−0.2
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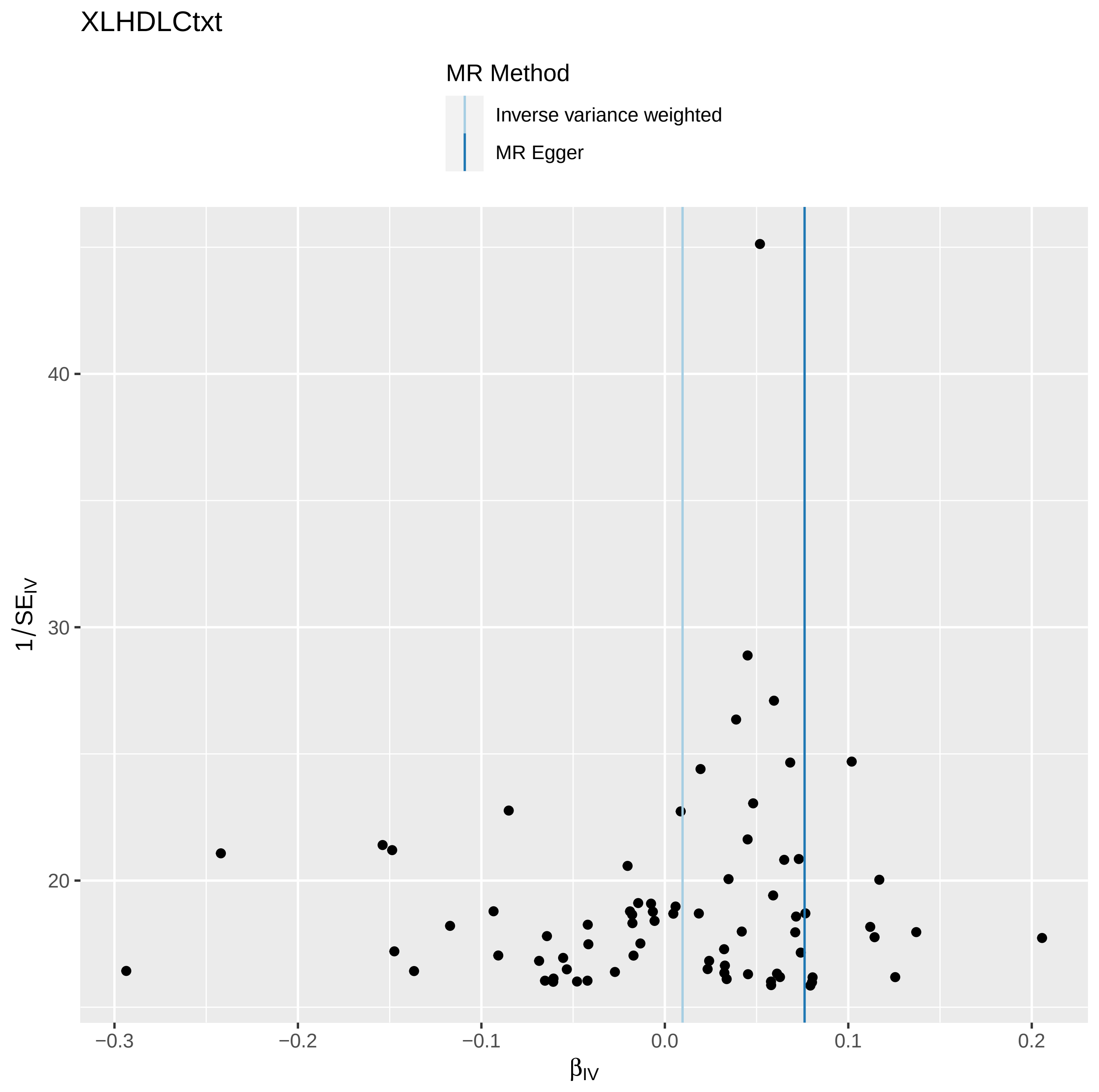
0.0
0.1
0.2
β$_{IV}$


XLHDLCtxt
MR Method
Inverse variance weighted
MR Egger
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20
1/SE_IV
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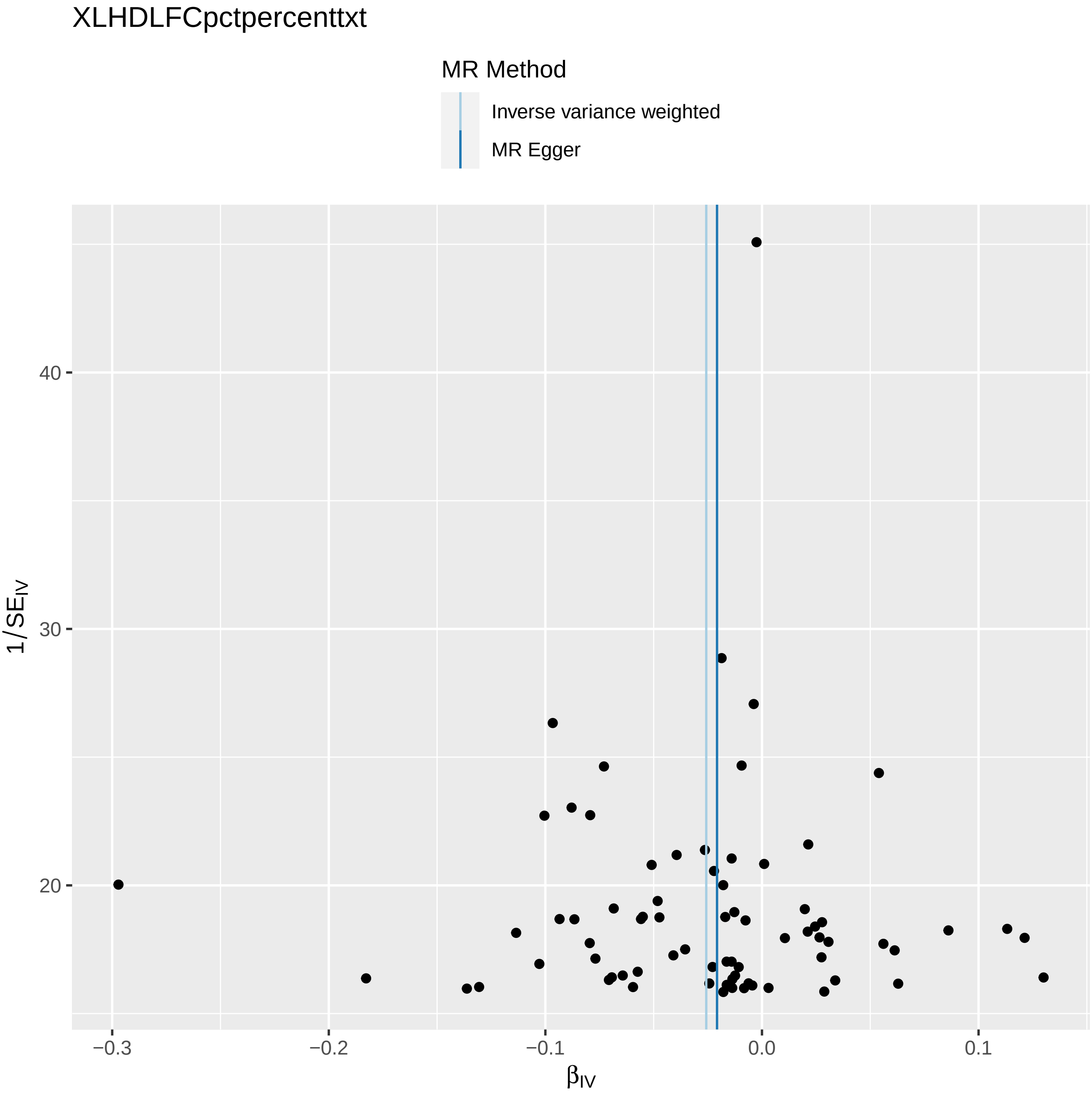
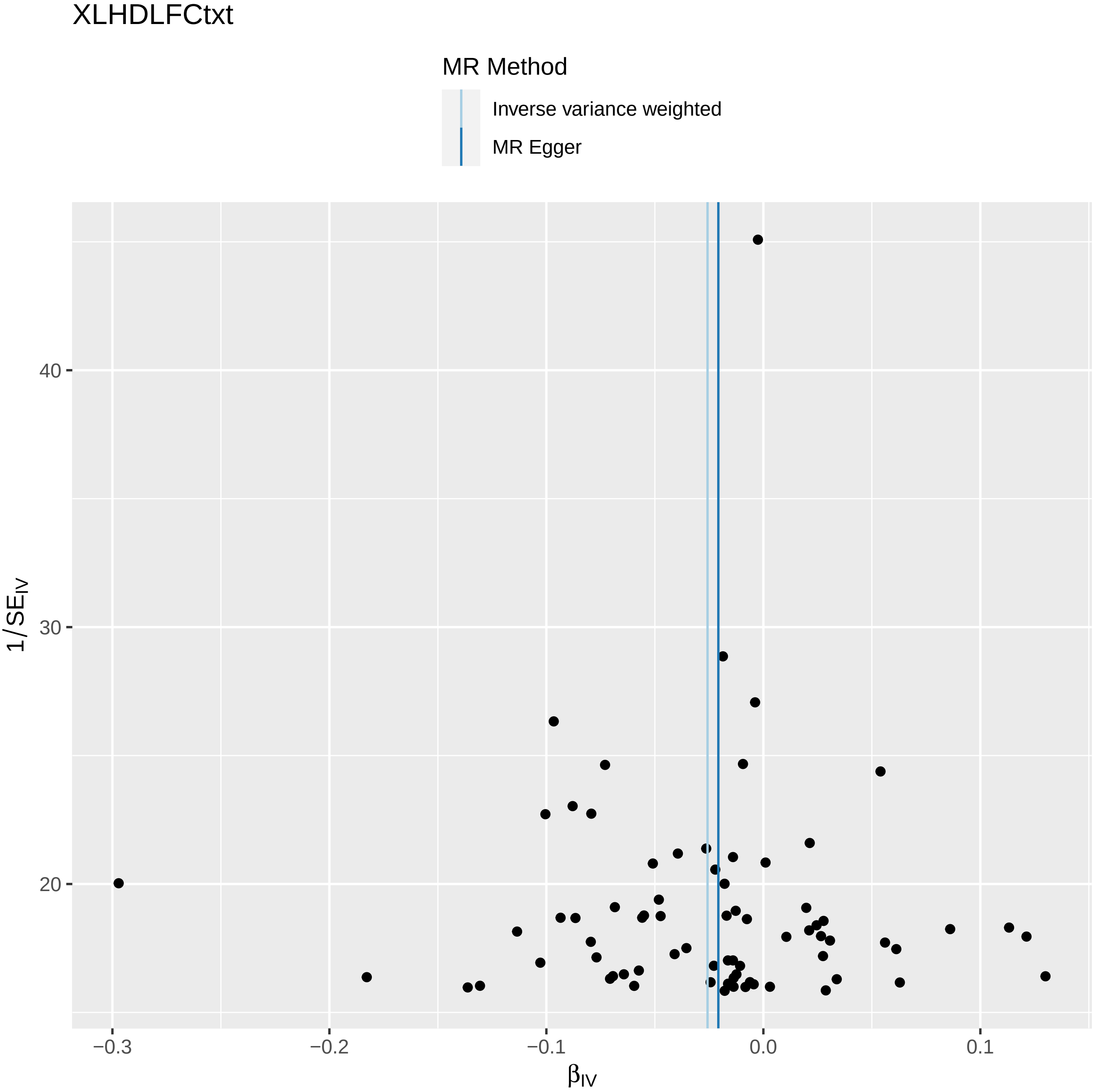
−0.2
−0.1
0.0
0.1
0.2
β_IV


XLHDLFCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.3
−0.2
−0.1
0.0
0.1
β_IV


XLHDLFCtxt
MR Method
Inverse variance weighted
MR Egger
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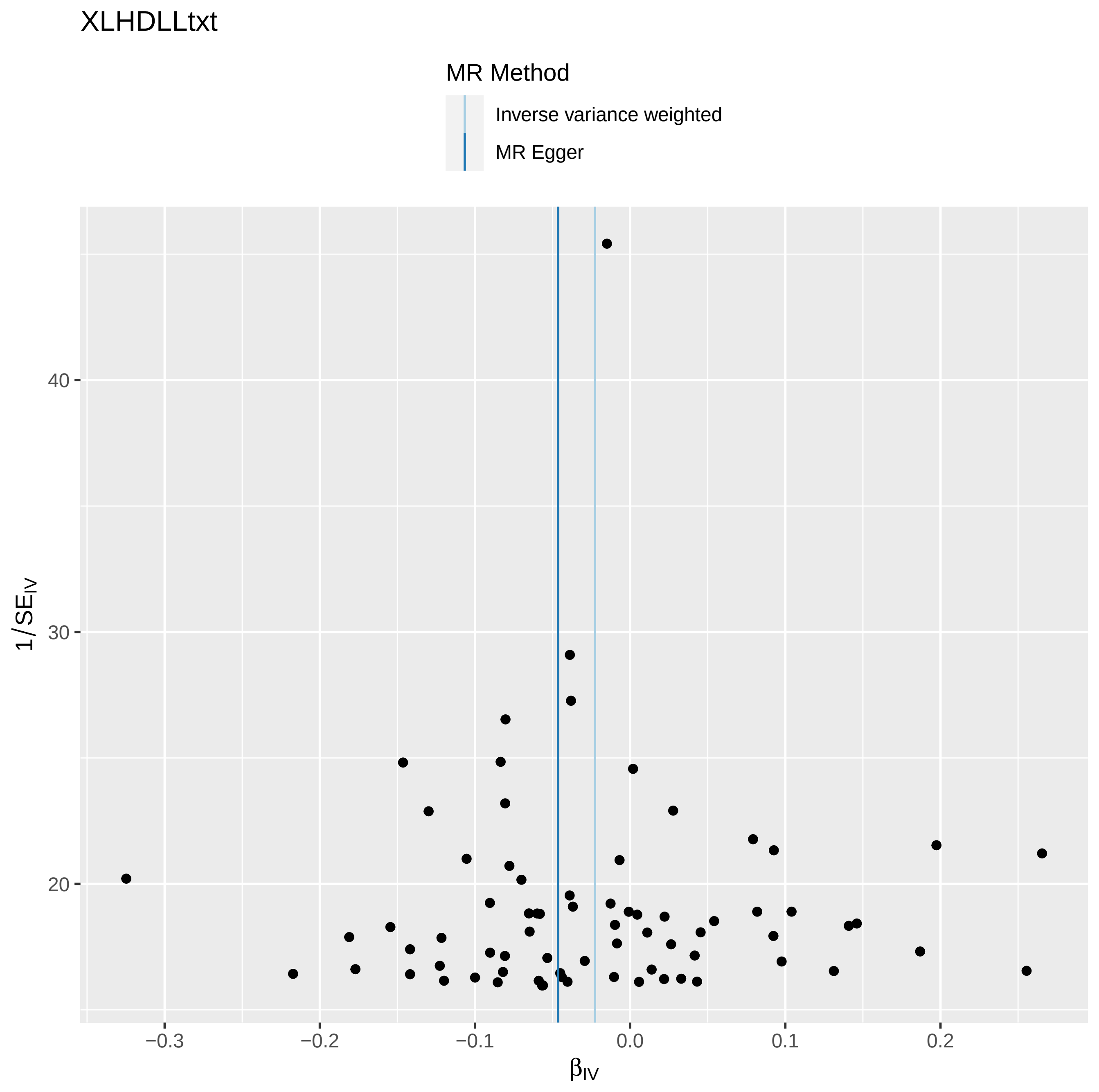
30
20
$1/SE_{IV}$
−0.3
−0.2
−0.1
0.0
0.1
$\beta_{IV}$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MR Method
Inverse variance weighted
MR Egger
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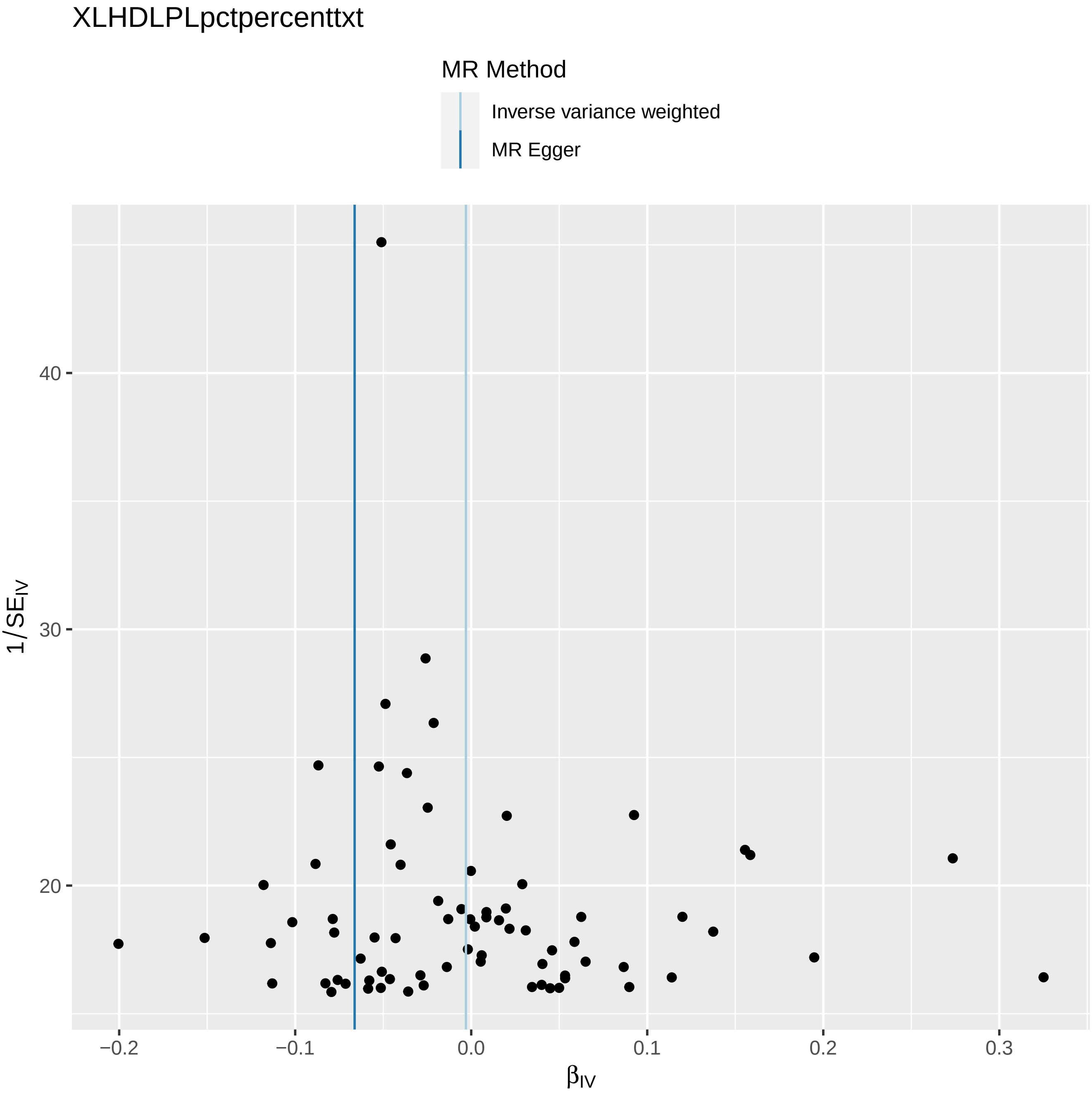
0.1
0.2
β$_{IV}$


XLHDLPLpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
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30
20
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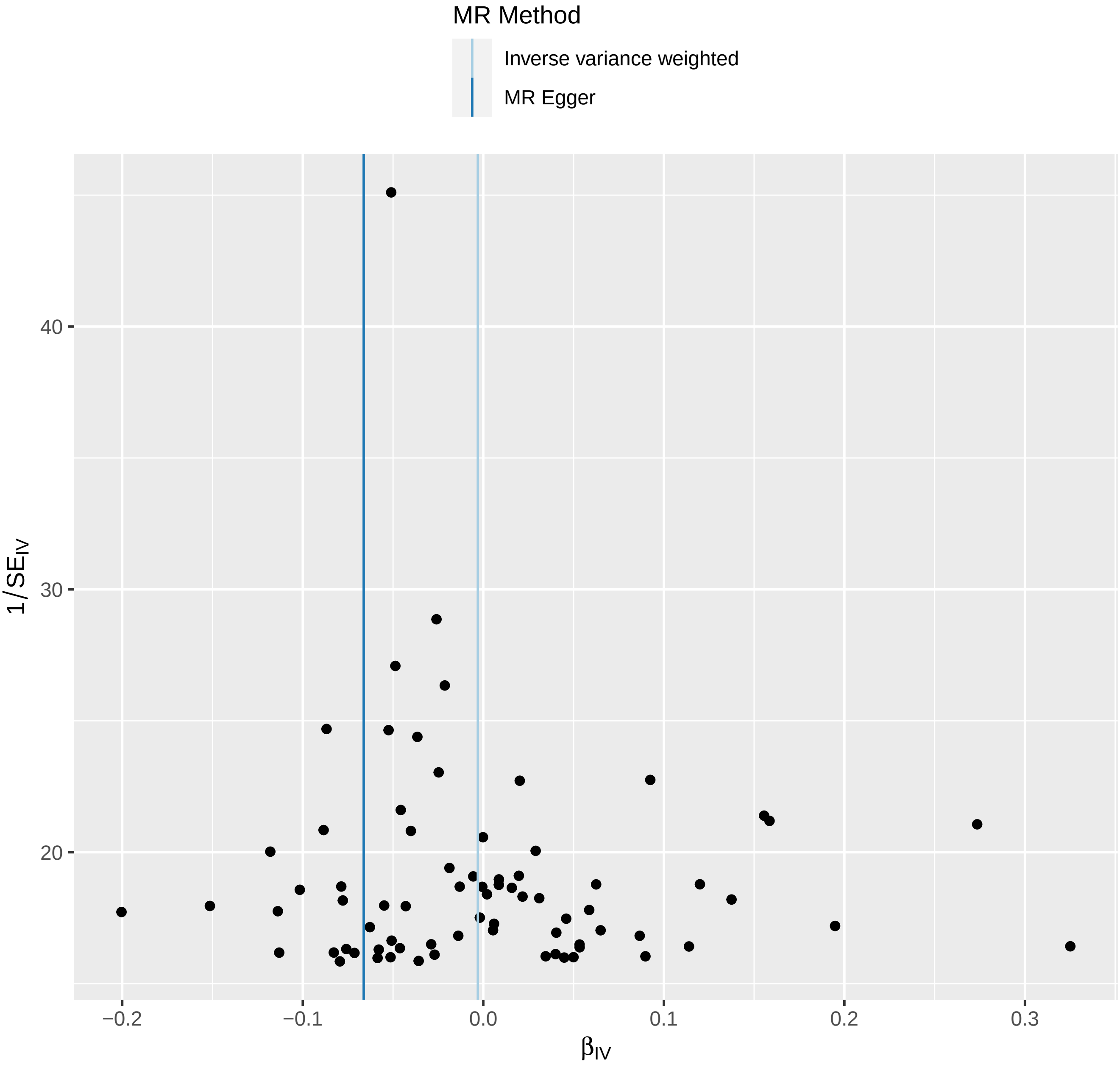
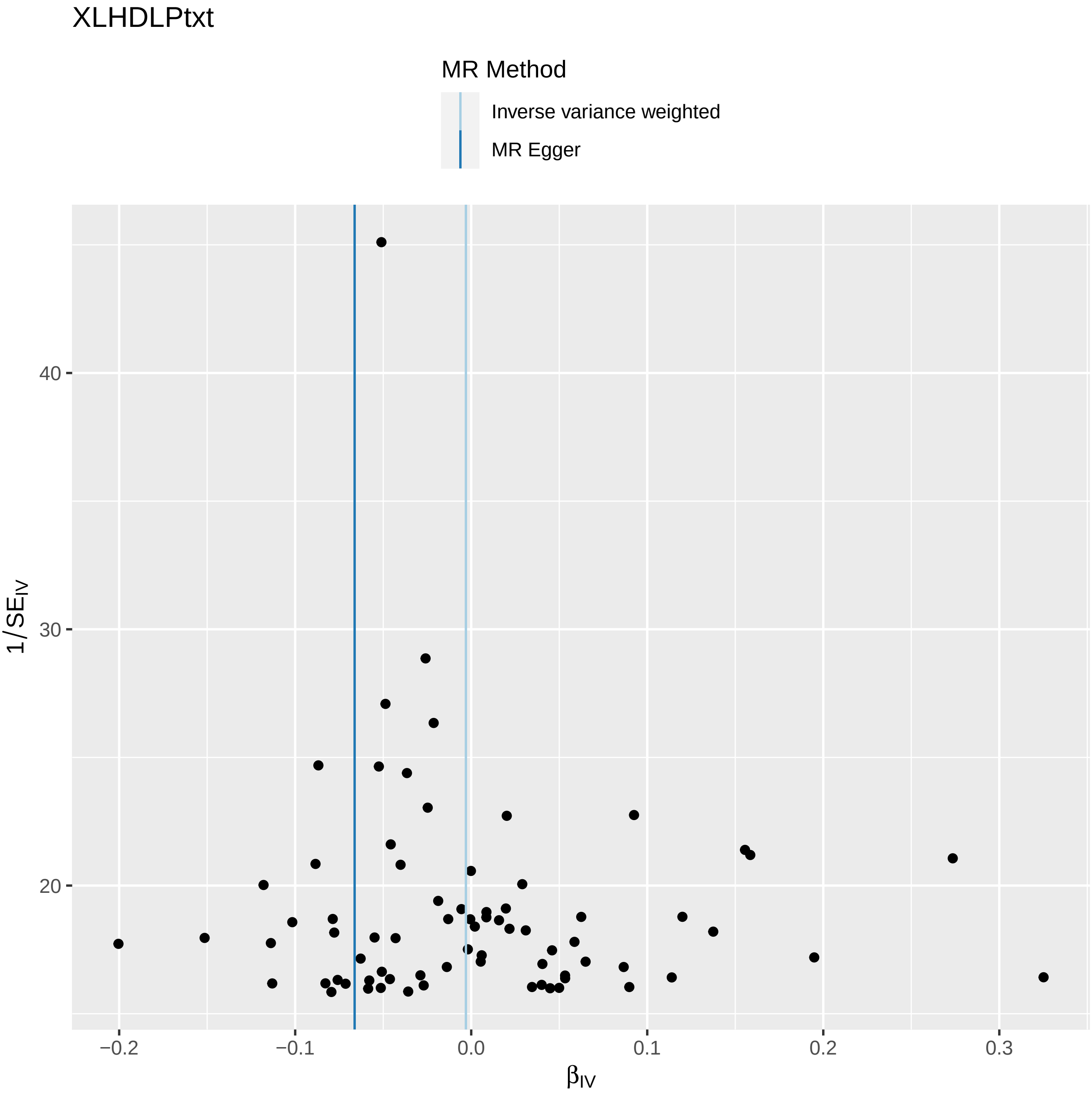
−0.1
0.0
0.1
0.2
0.3
β_IV

XLHDLPLtxt


MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.2
−0.1
0.0
0.1
0.2
0.3
β$_{IV}$


XLHDLPtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
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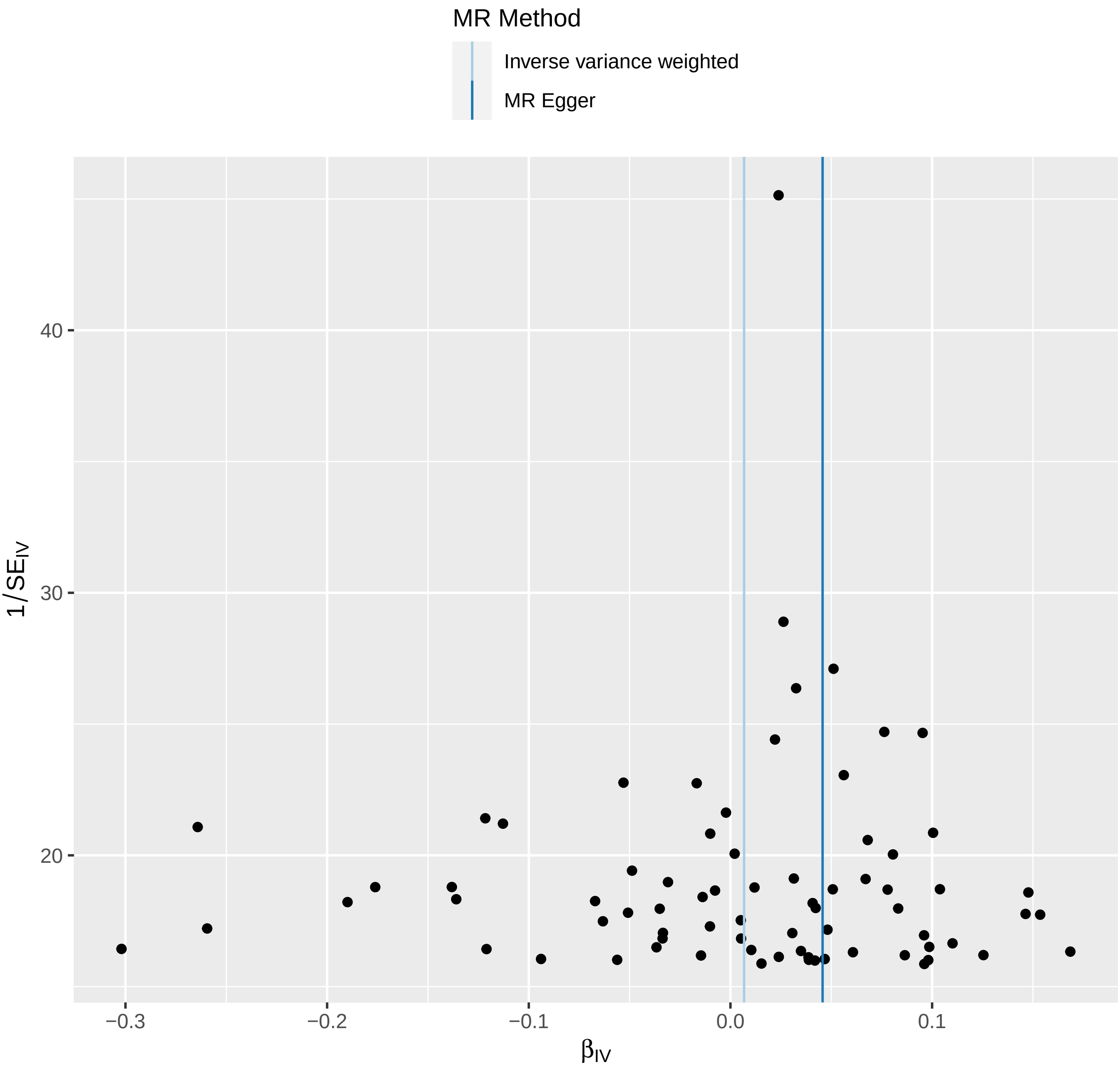
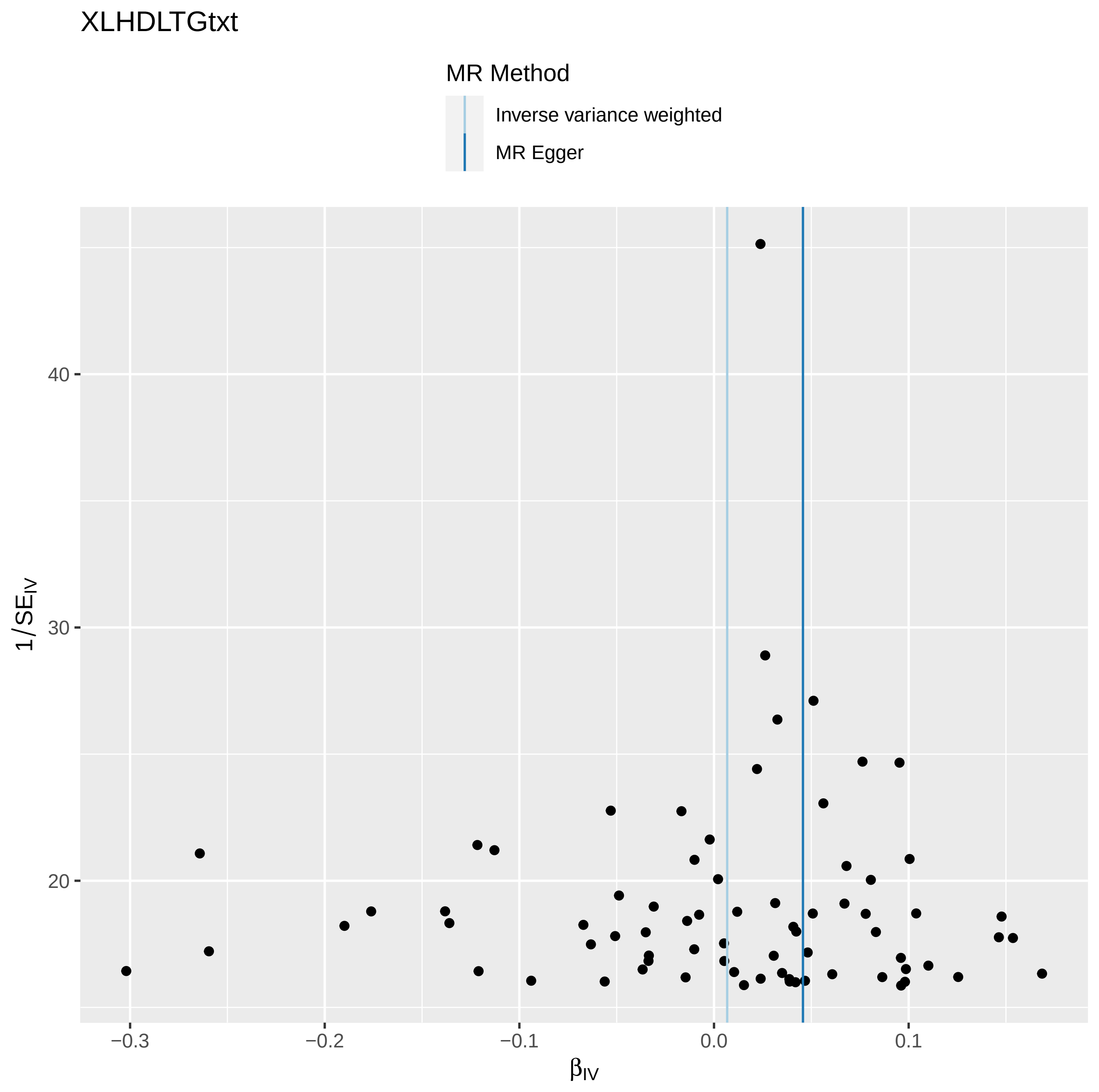
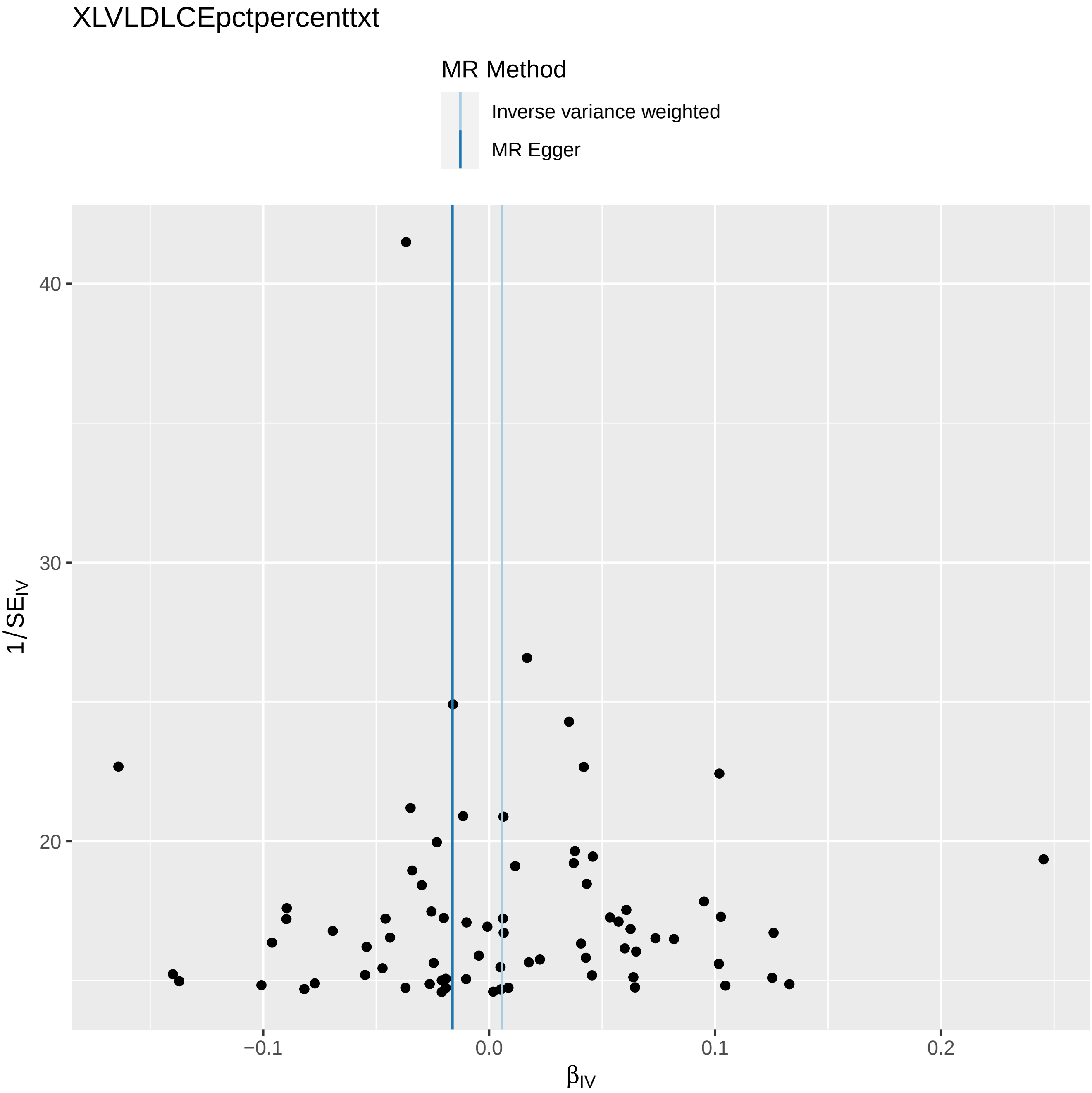
−0.1
0.0
0.1
0.2
0.3
$\beta_{IV}$

XLHDLTGpctpercenttxt




XLHDLTGtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.3
−0.2
−0.1
0.0
0.1
β$_{IV}$


XLVLDLCEpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
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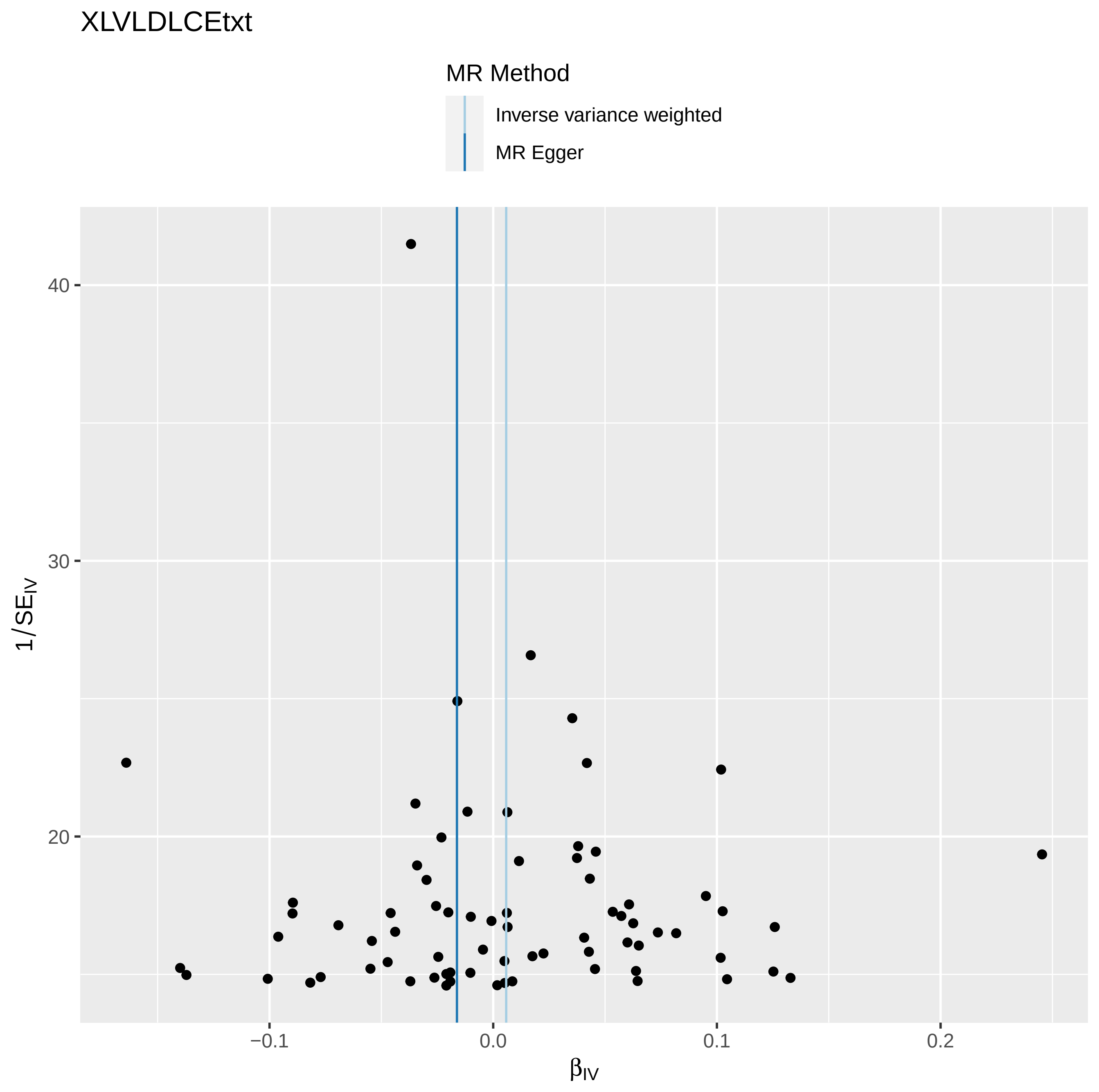
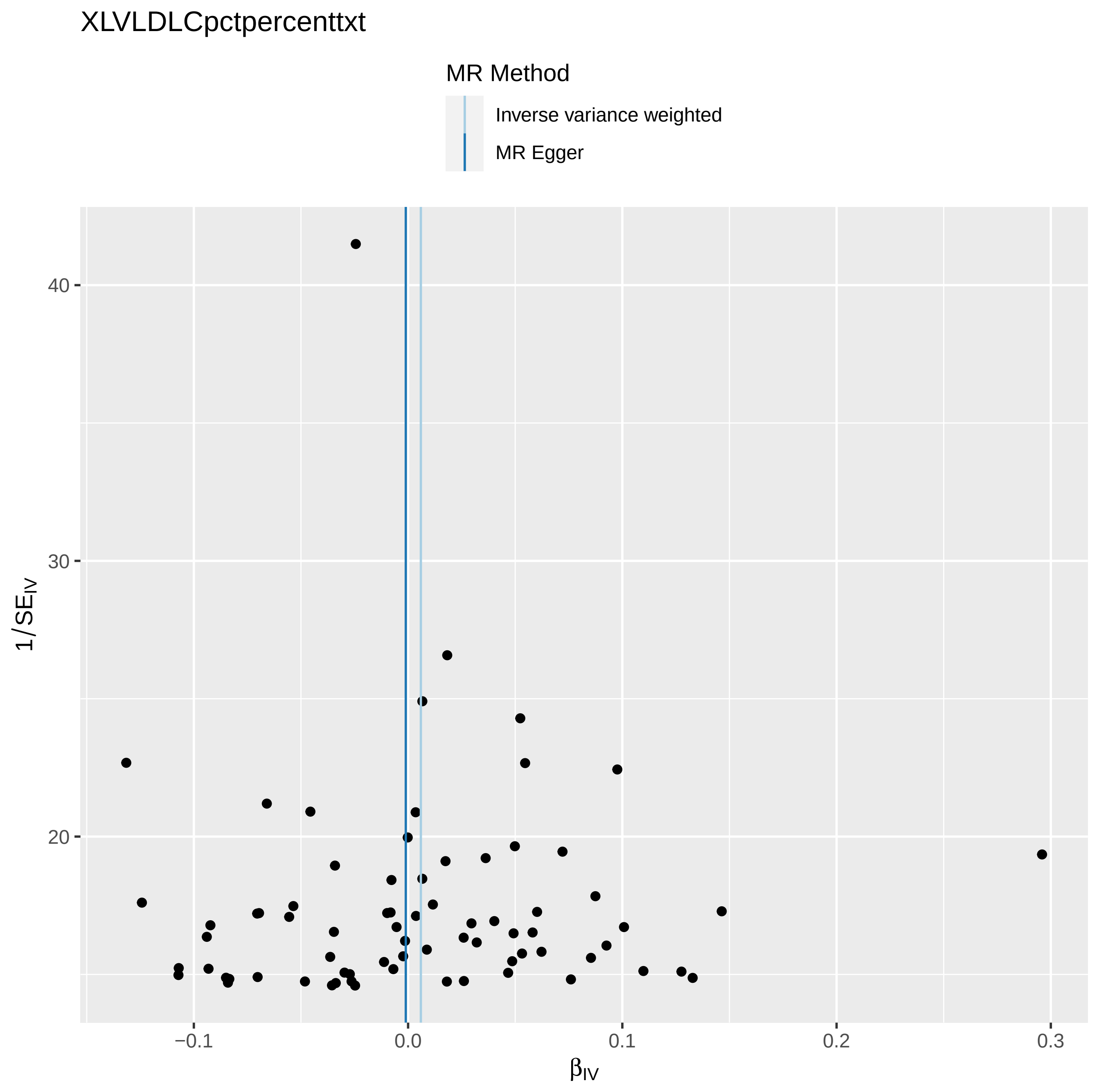
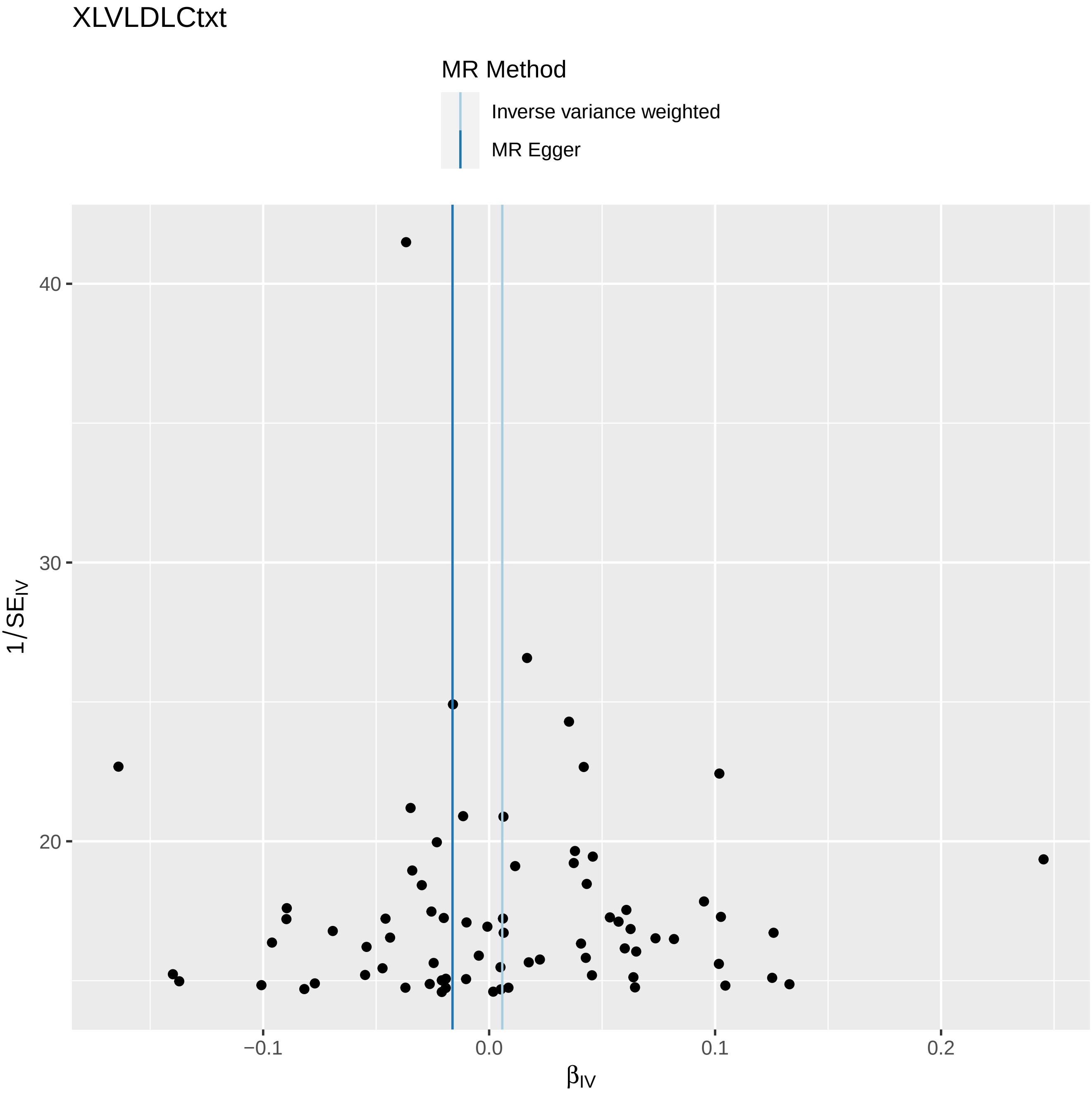
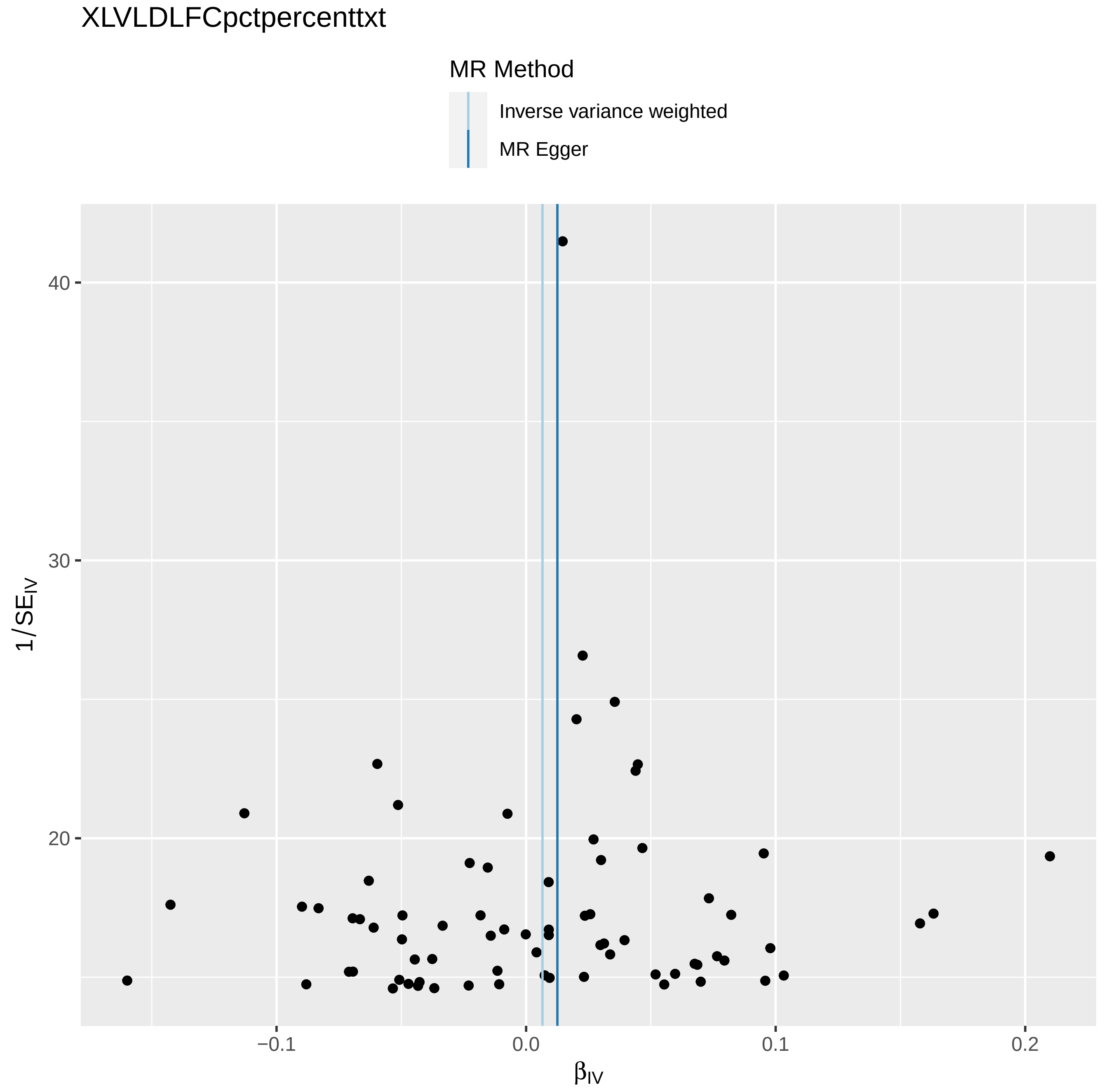
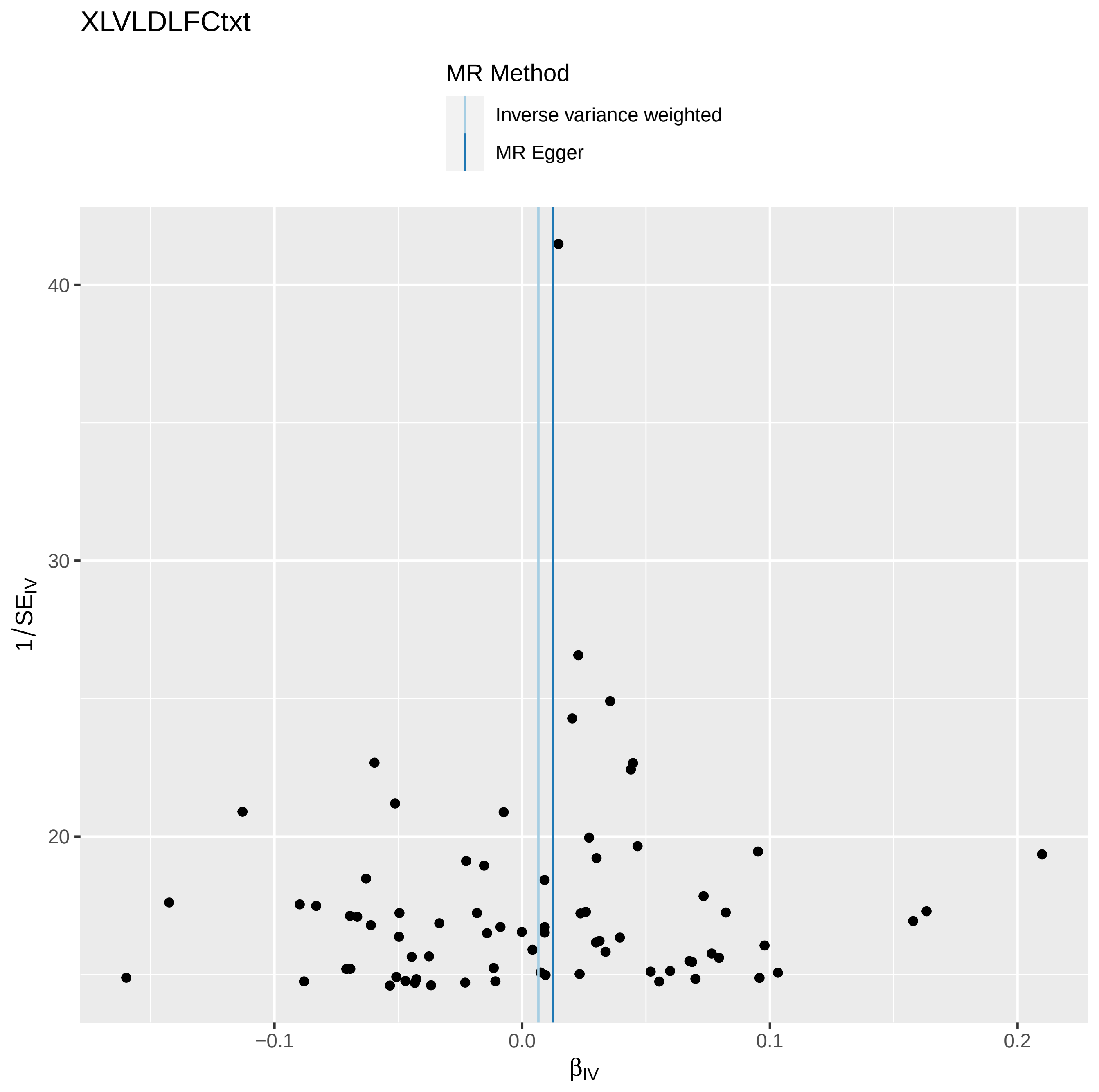
0.0
0.1
0.2
β_IV

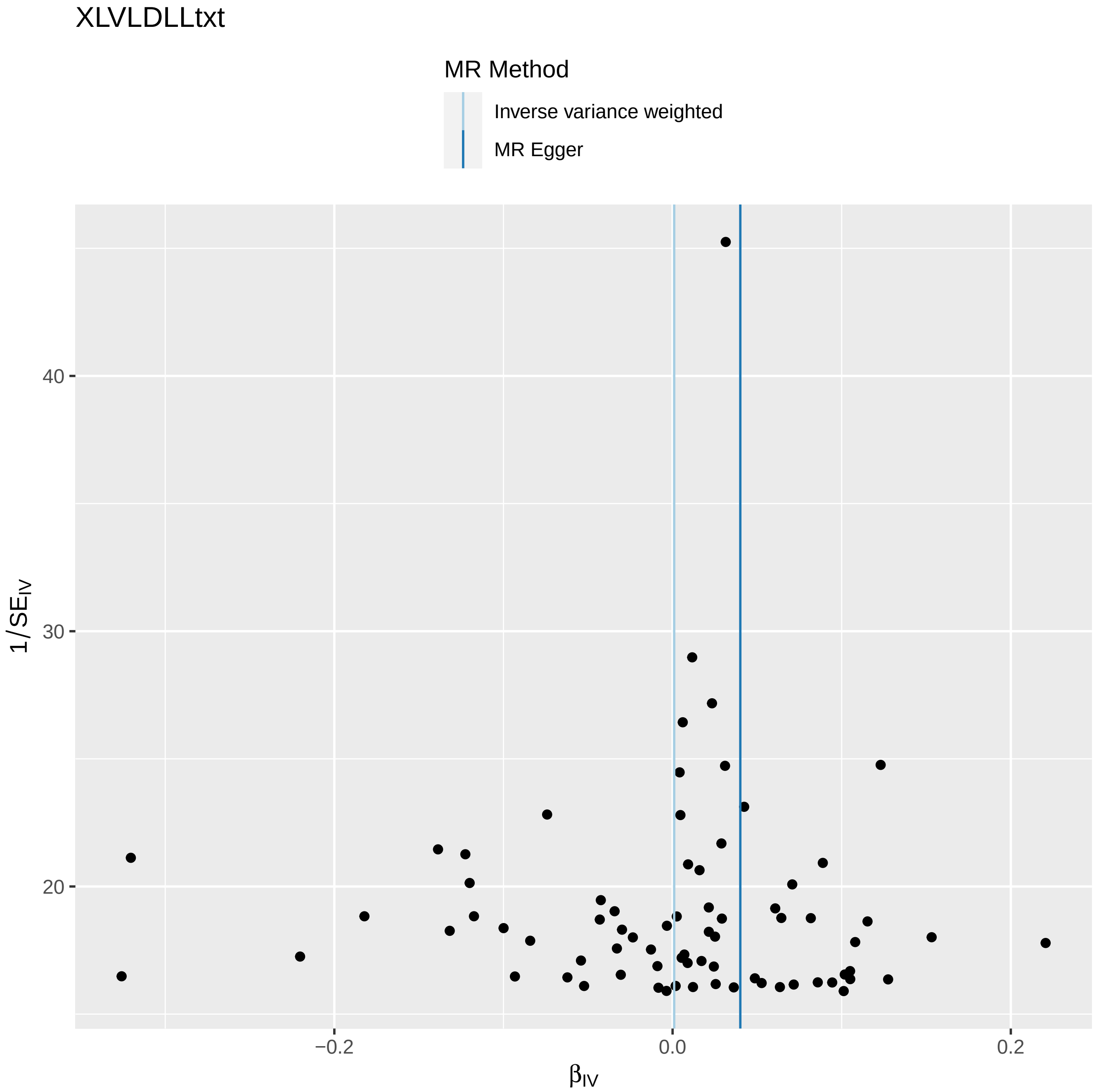

XLVLDLCEtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV

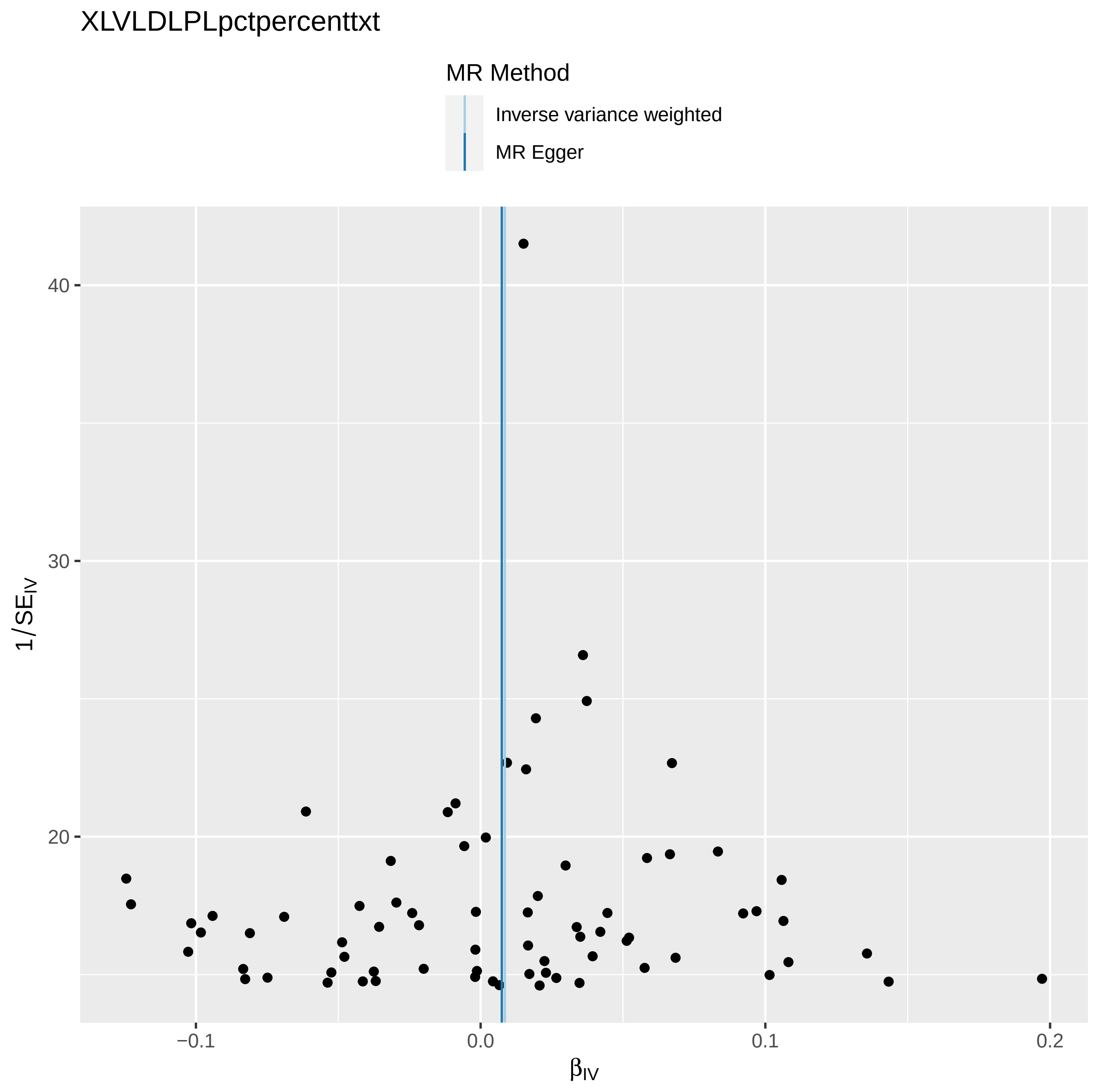

XLVLDLCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
0.3
β_IV


XLVLDLCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV

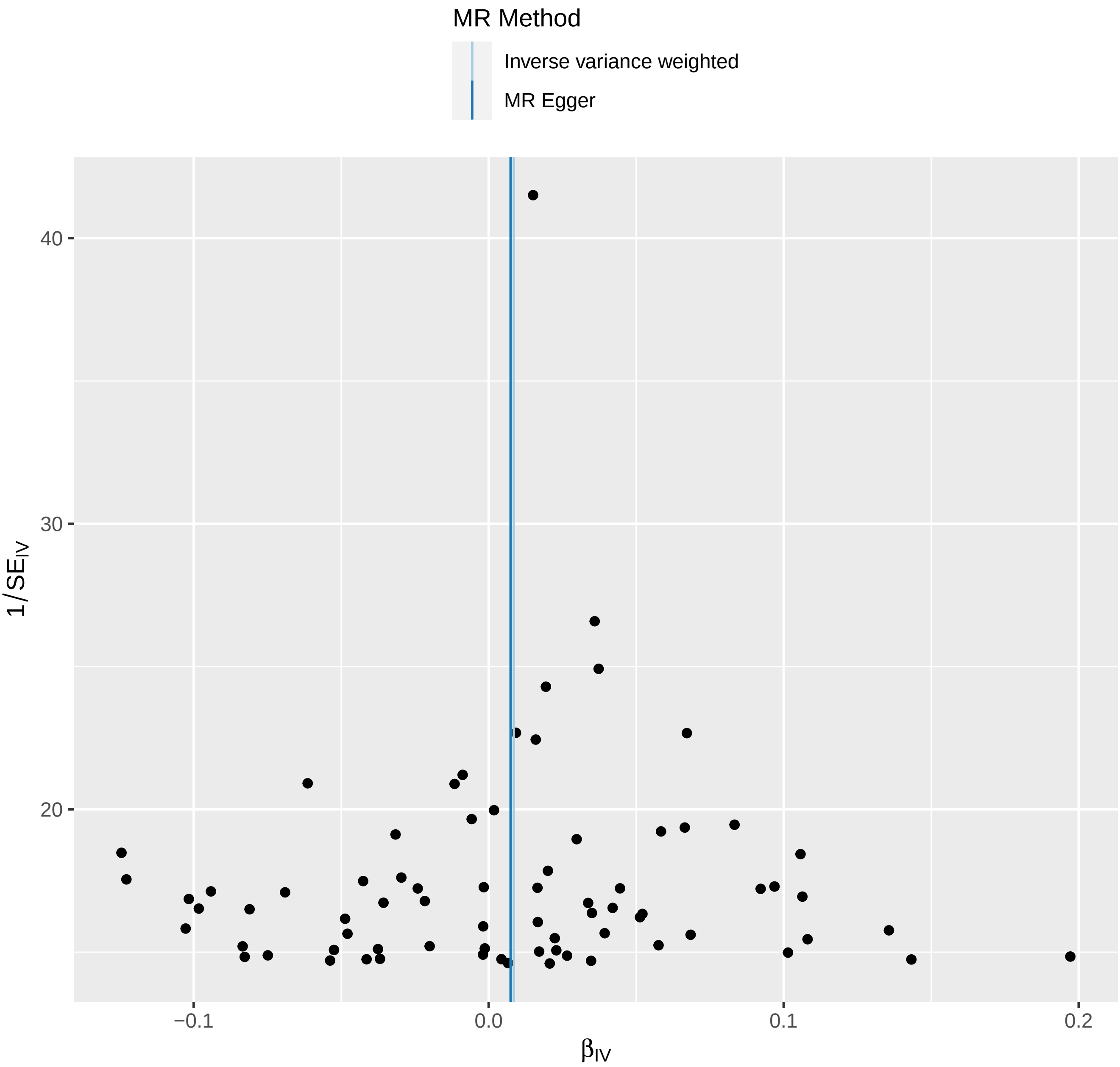

XLVLDLFCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV

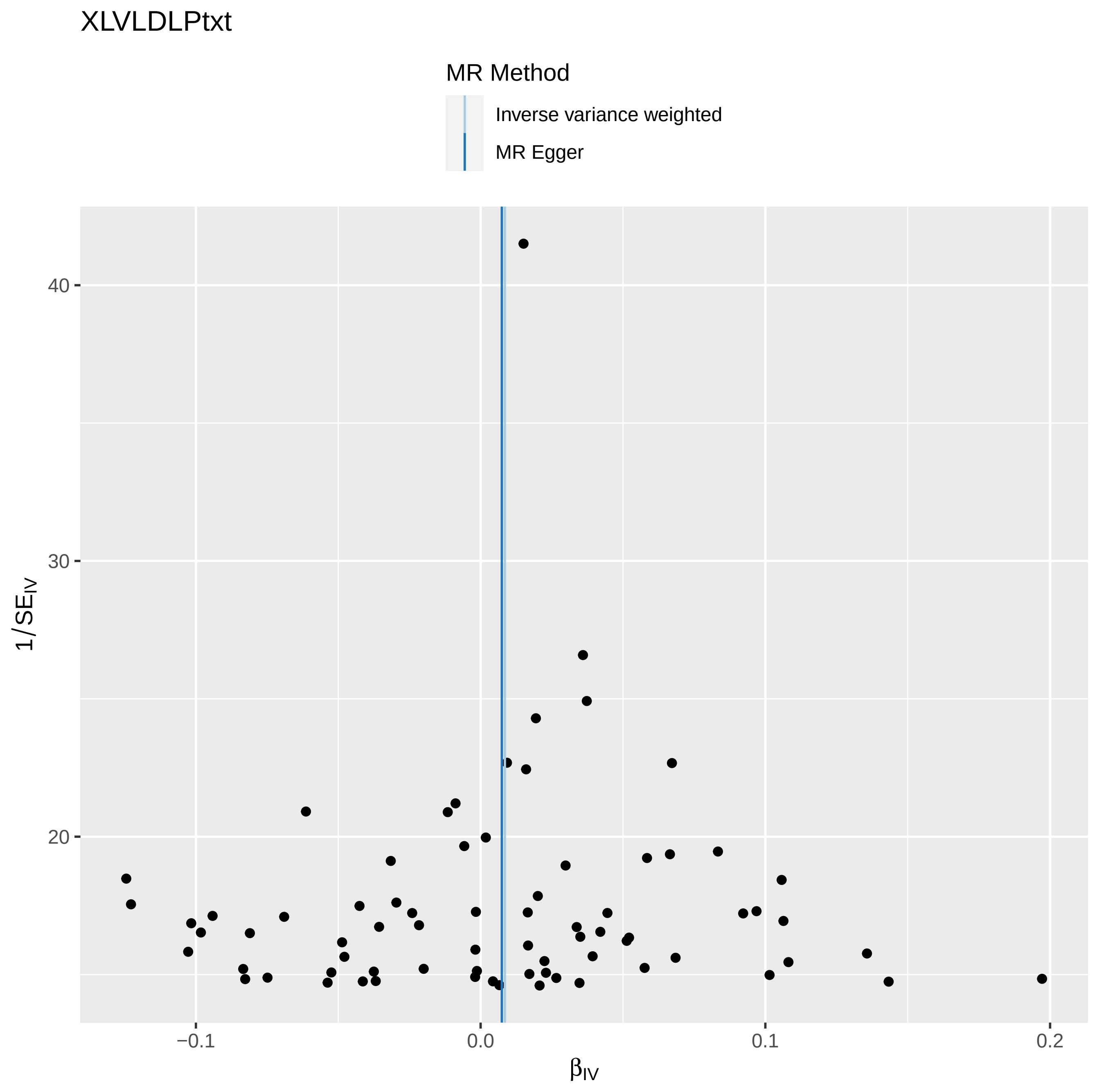

XLVLDLFCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV

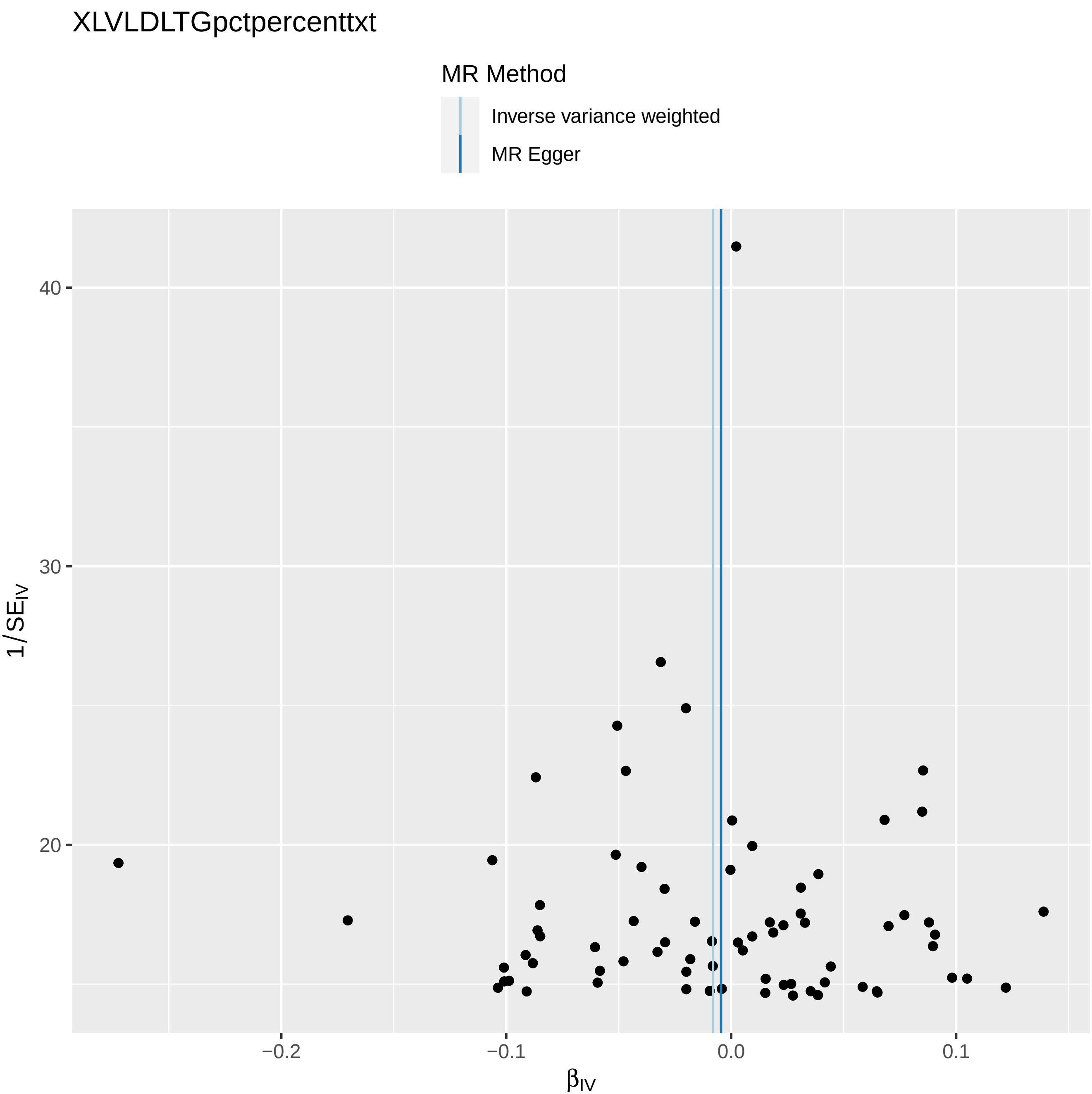

XLVLDLLtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
30
20
−0.2
0.0
0.2
β$_{IV}$

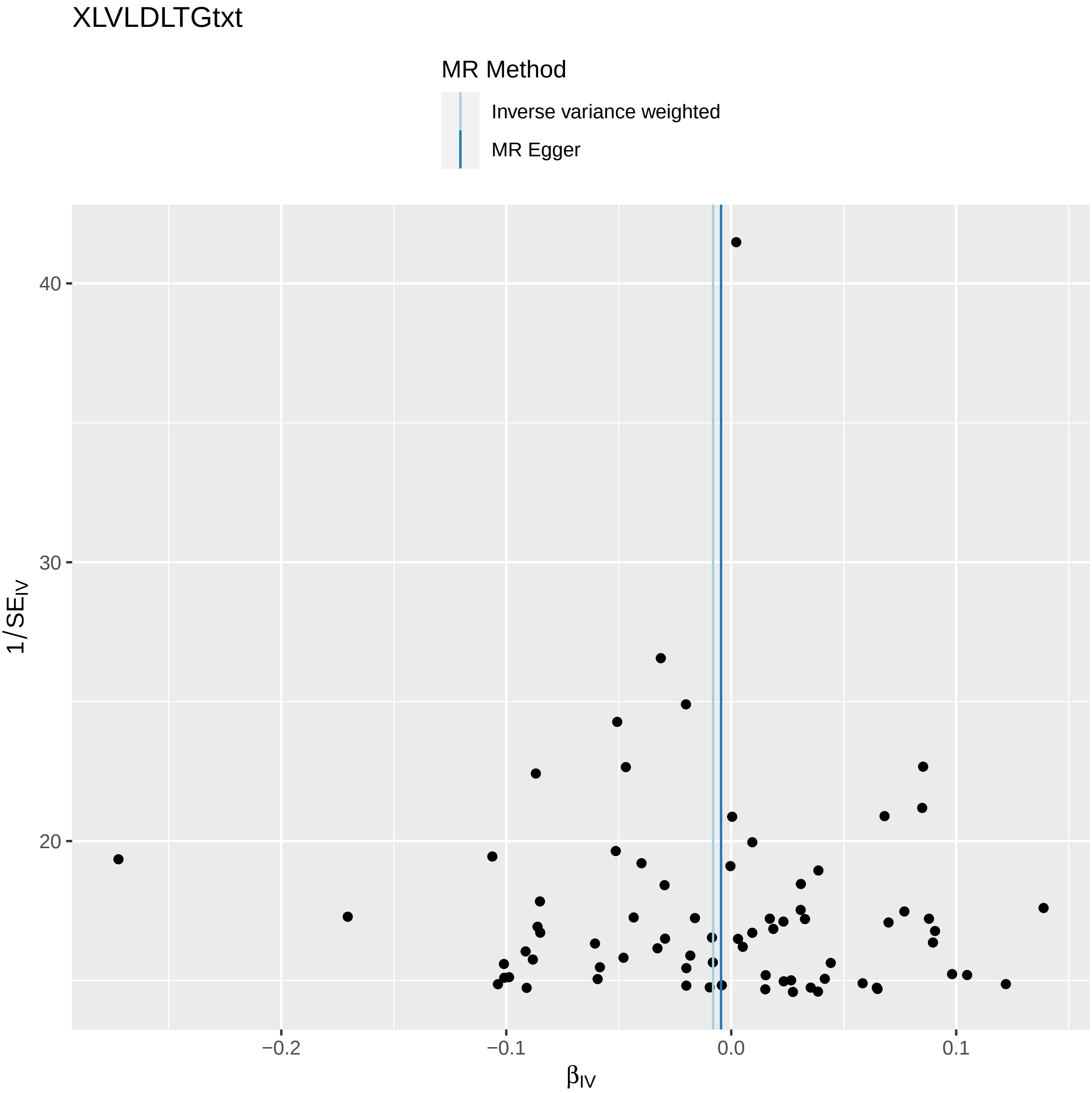

XLVLDLPLpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.1
0.0
0.1
0.2
$\beta_{IV}$

XLVLDLPLtxt

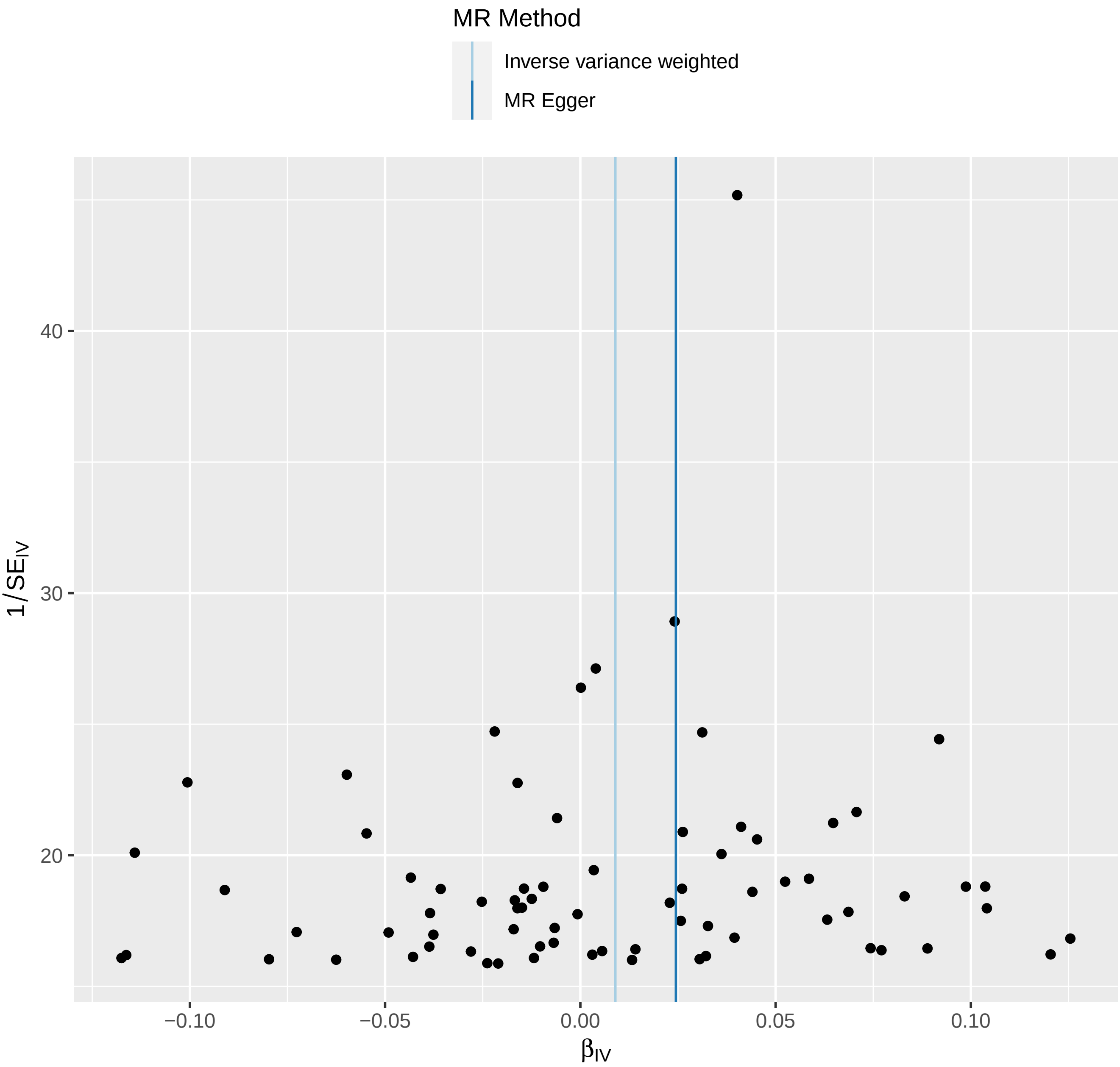



XLVLDLPtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.1
0.0
0.1
0.2
β_IV

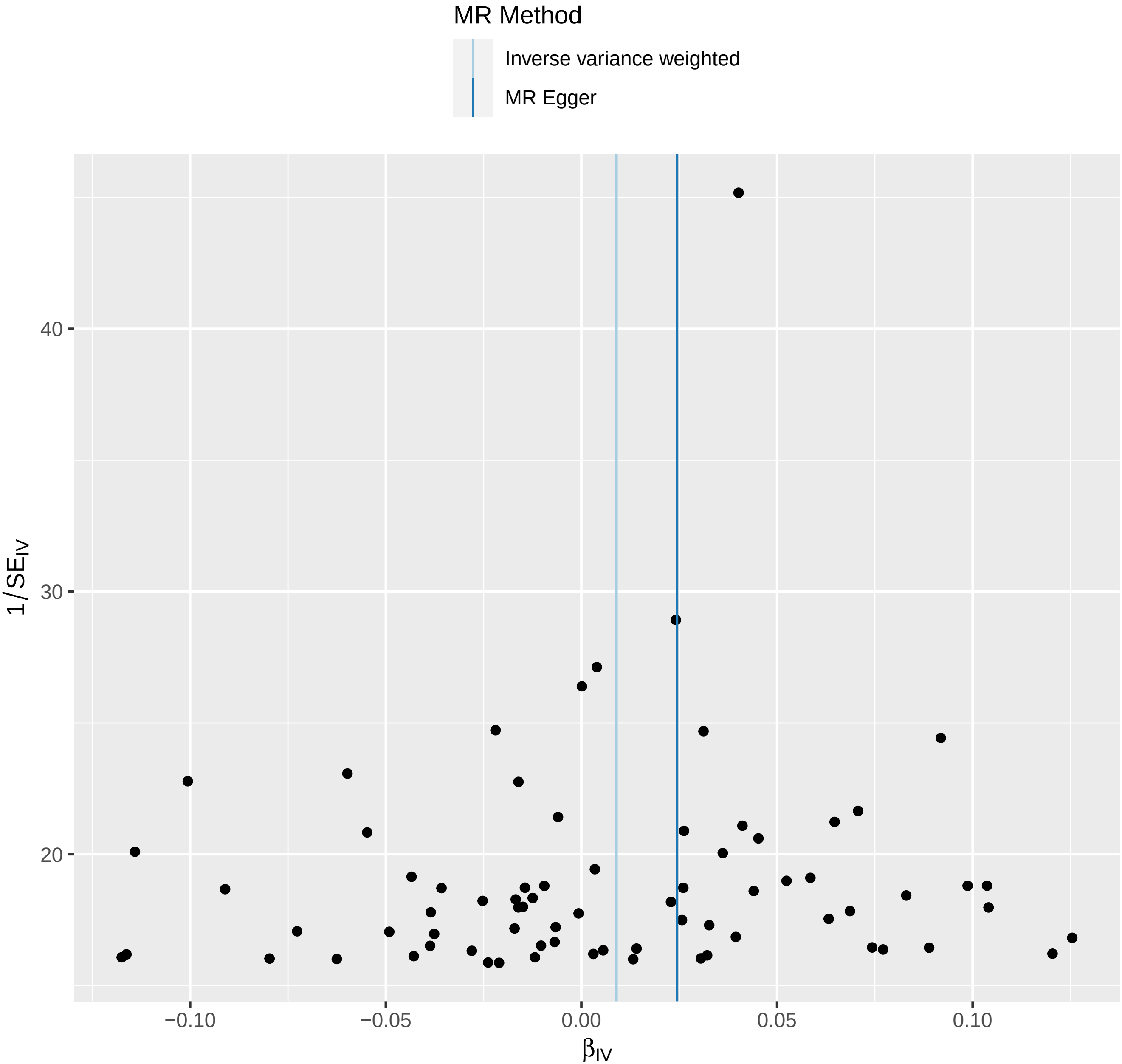

XLVLDLTGpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.2
−0.1
0.0
0.1
$\beta_{IV}$

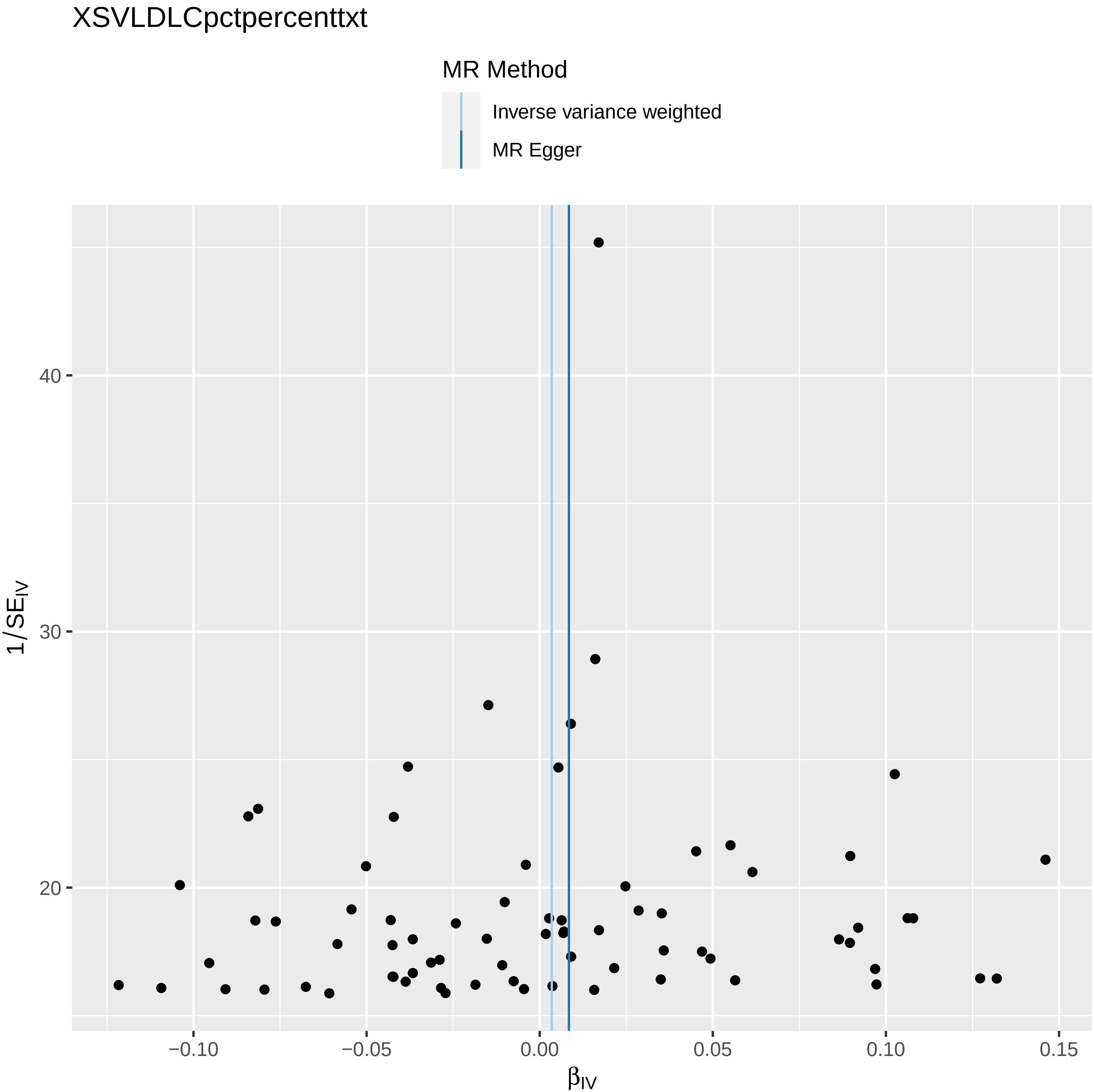

XLVLDLTGtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.2
−0.1
0.0
0.1
β_IV

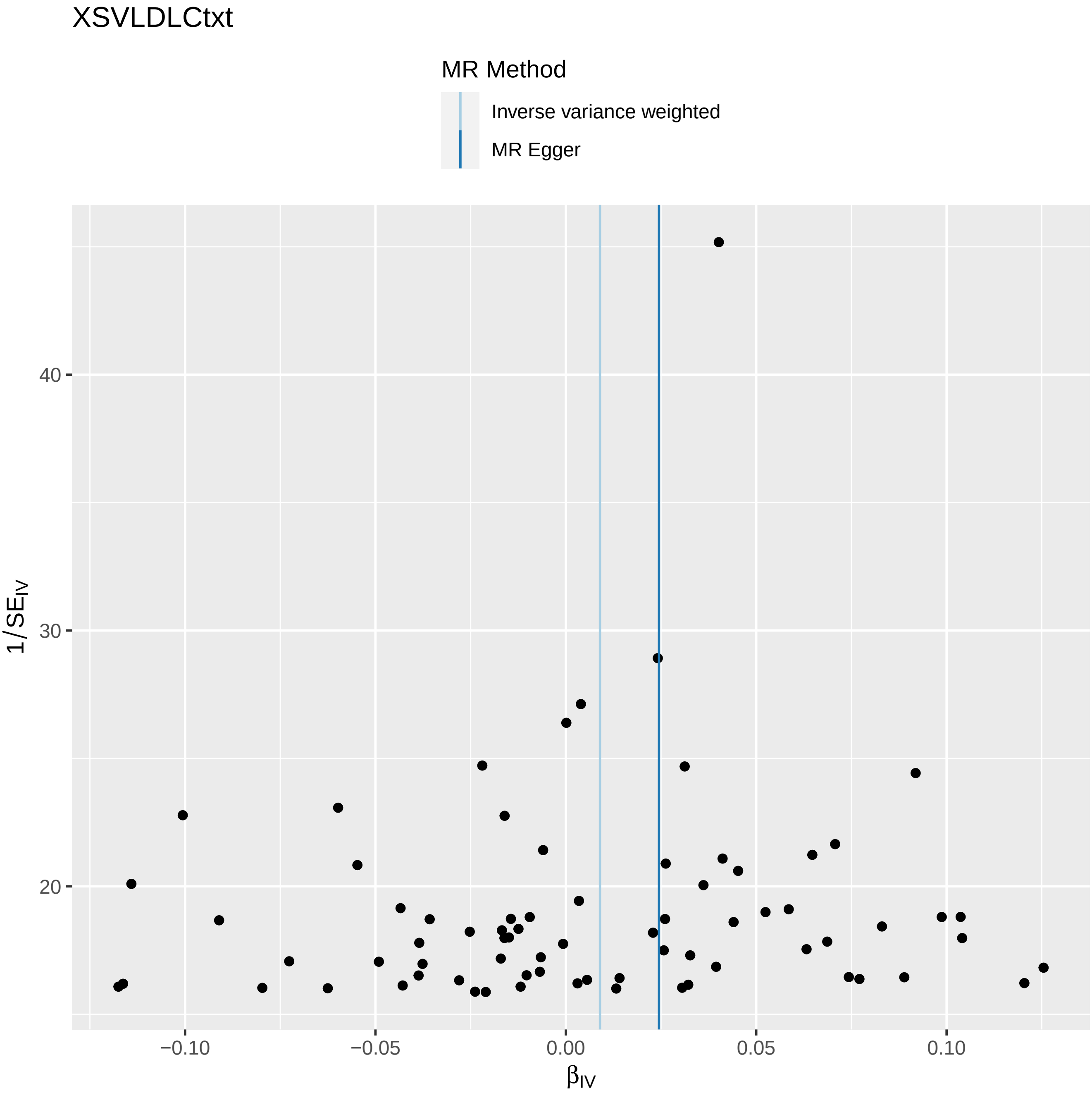
## XSVLDLCEpctpercenttxt

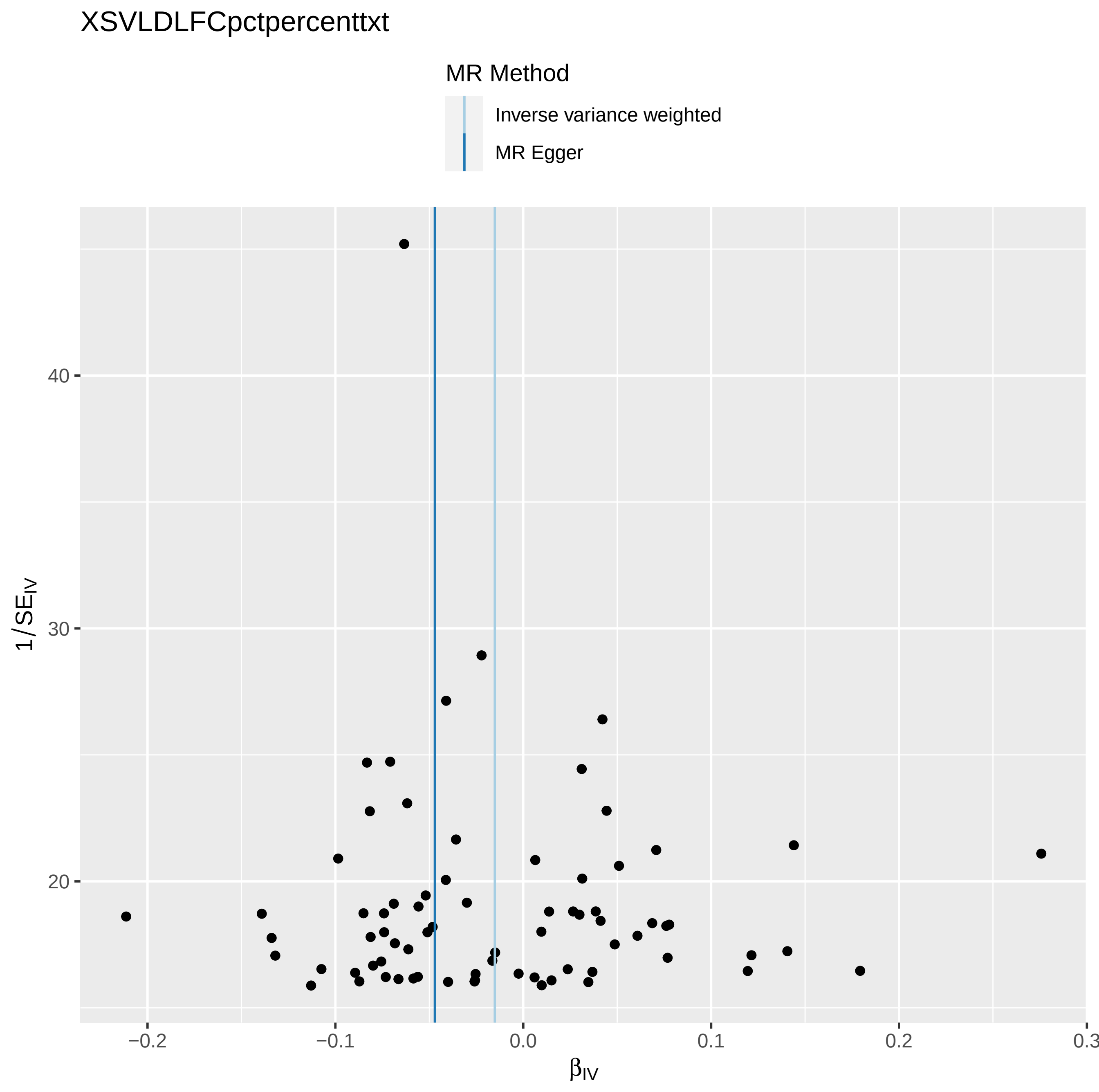


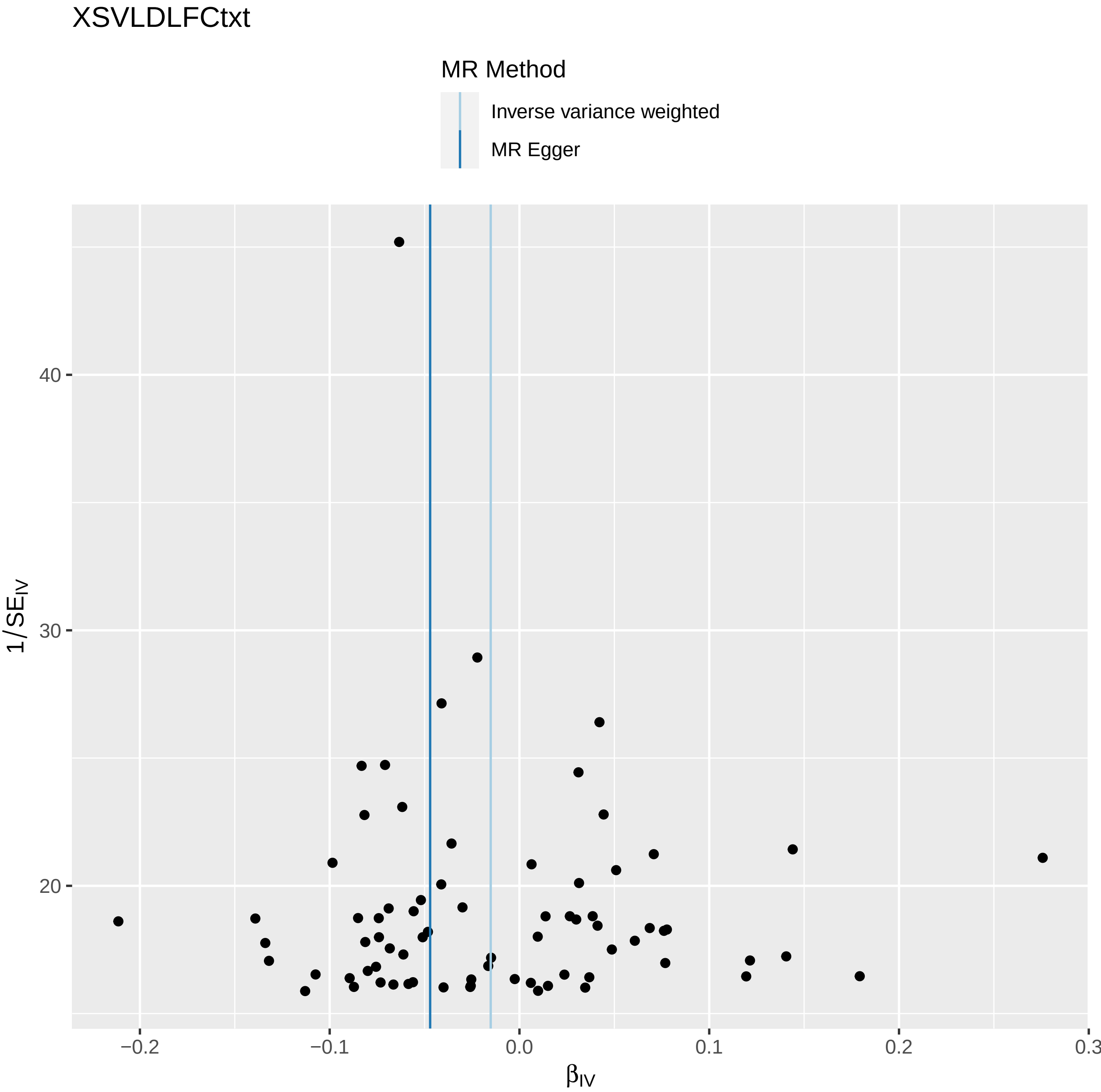
XSVLDLCEtxt

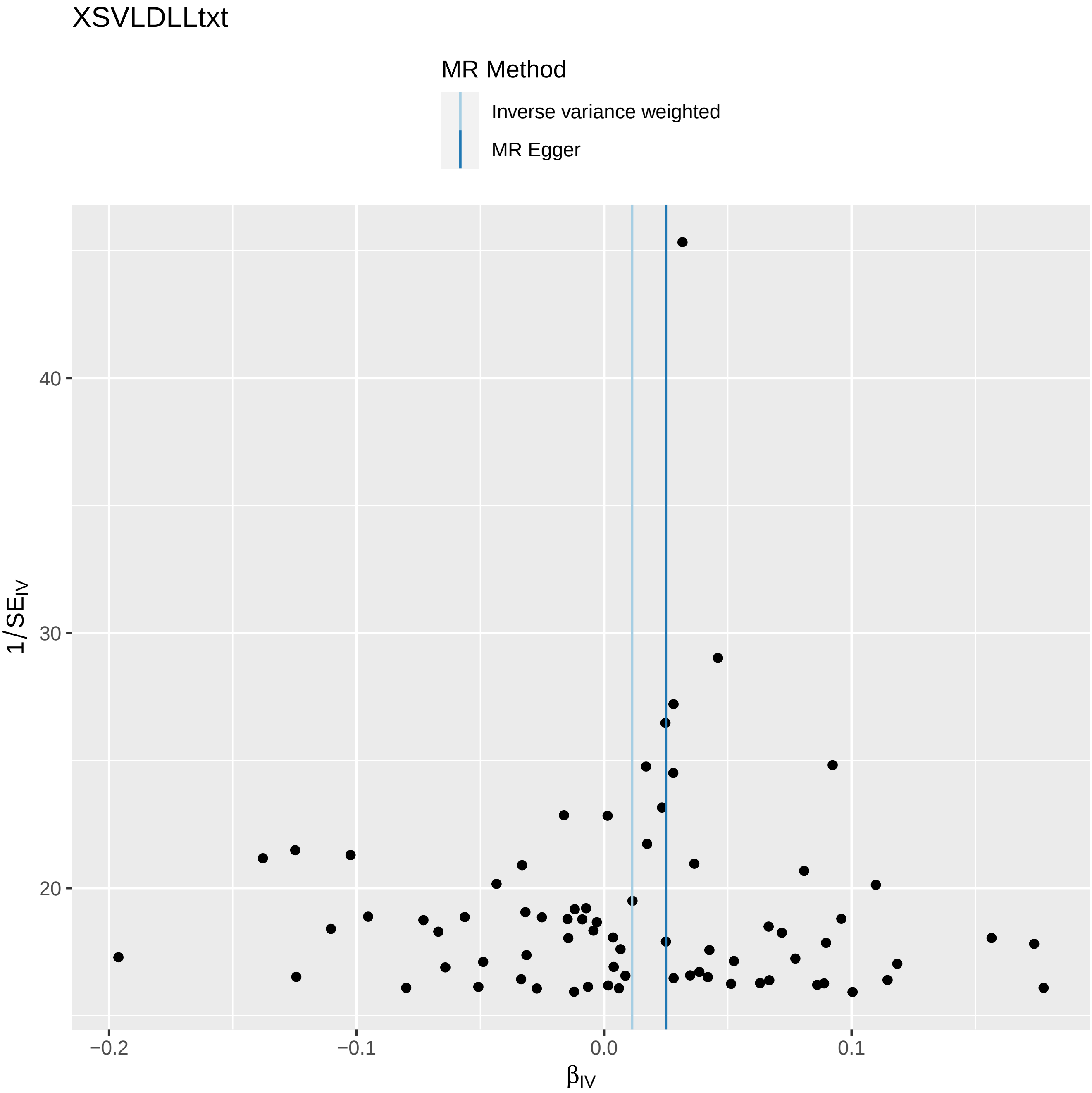


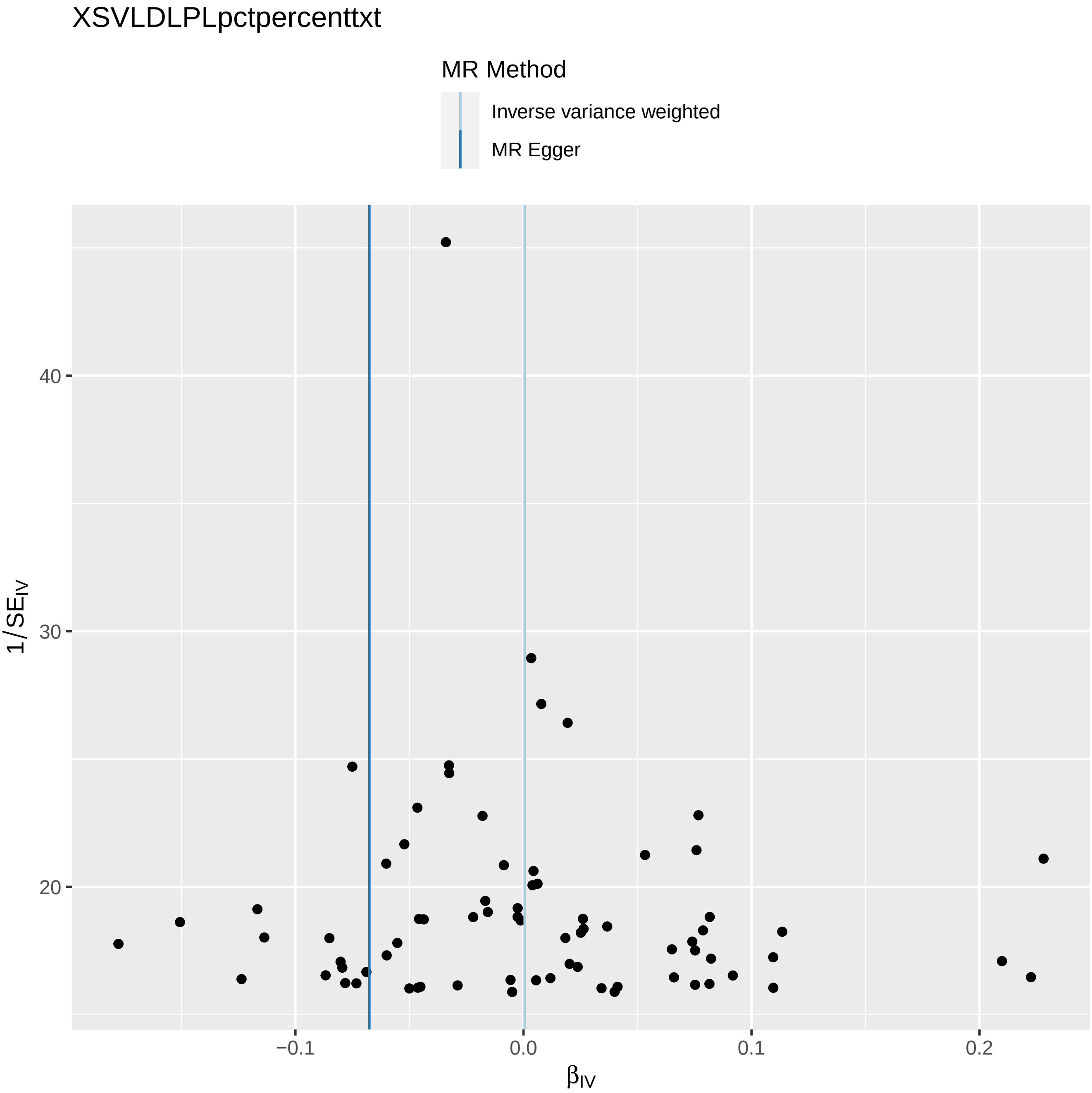

XSVLDLCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.10
−0.05
0.00
0.05
0.10
0.15
β_IV


XSVLDLCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.10
−0.05
0.00
0.05
0.10
β$_{IV}$

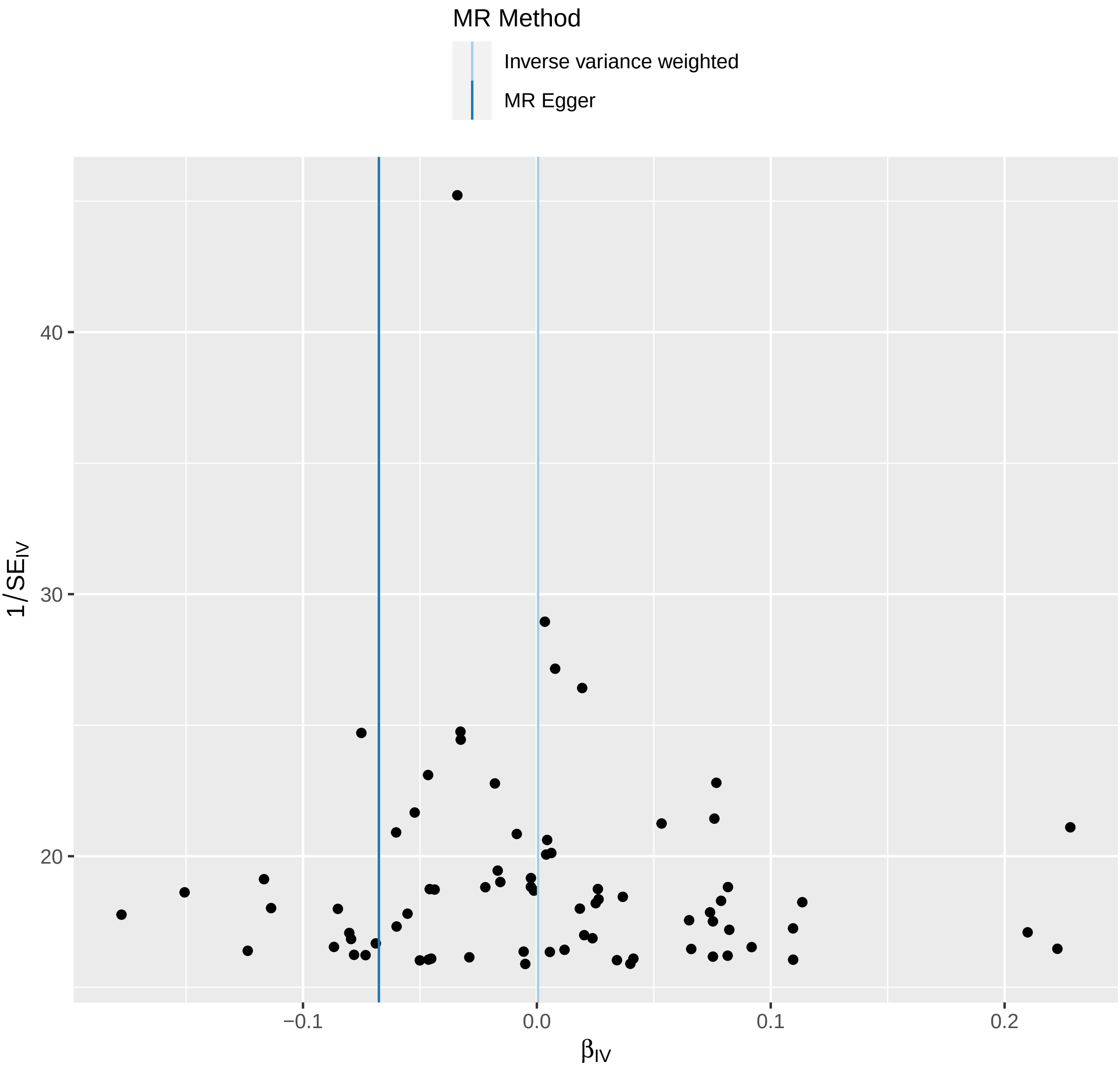

XSVLDLFCpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
0.2
0.3
β$_{IV}$

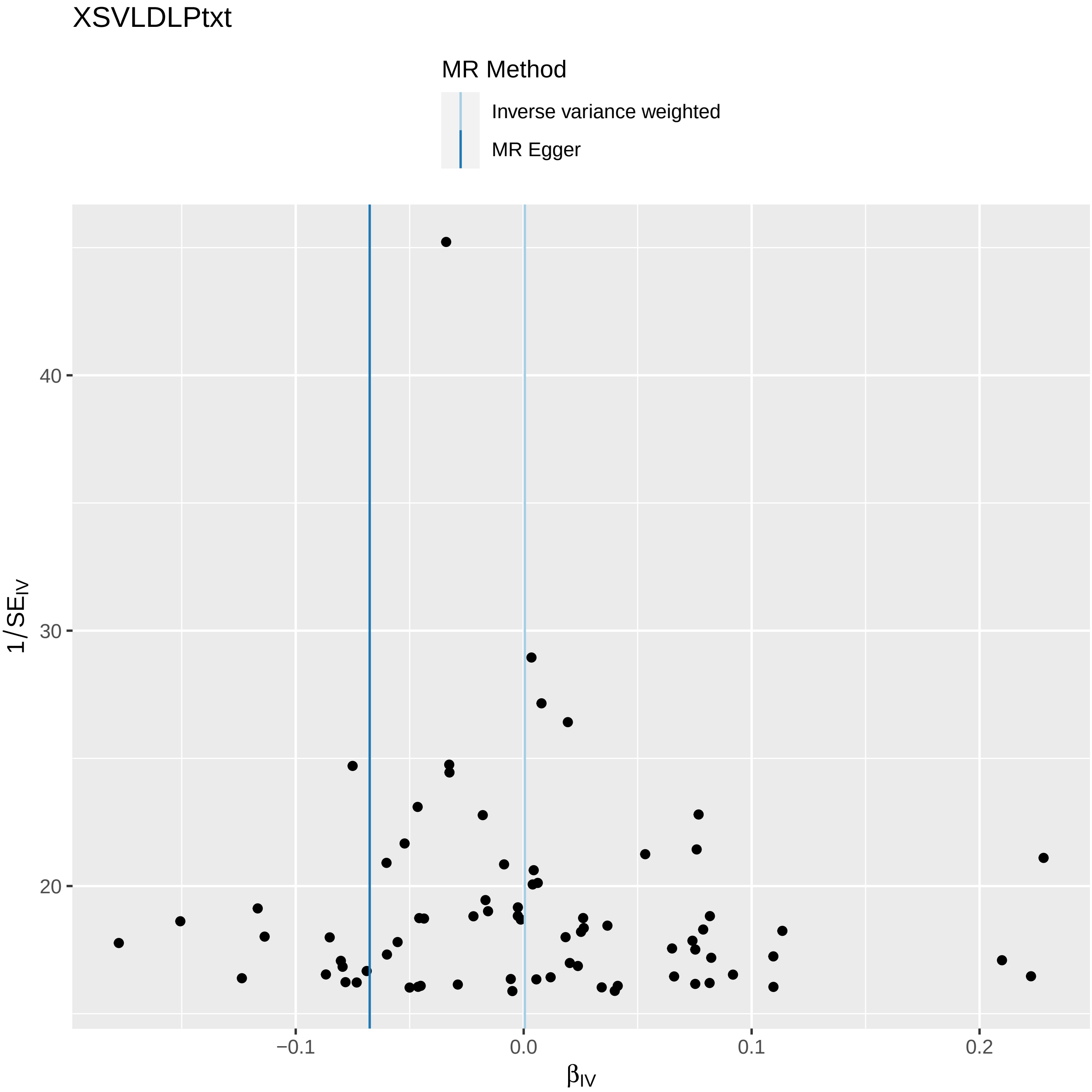

XSVLDLFCtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
$1/SE_{IV}$
−0.2
−0.1
0.0
0.1
0.2
0.3
$\beta_{IV}$


XSVLDLLtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE_IV
−0.2
−0.1
0.0
0.1
β_IV

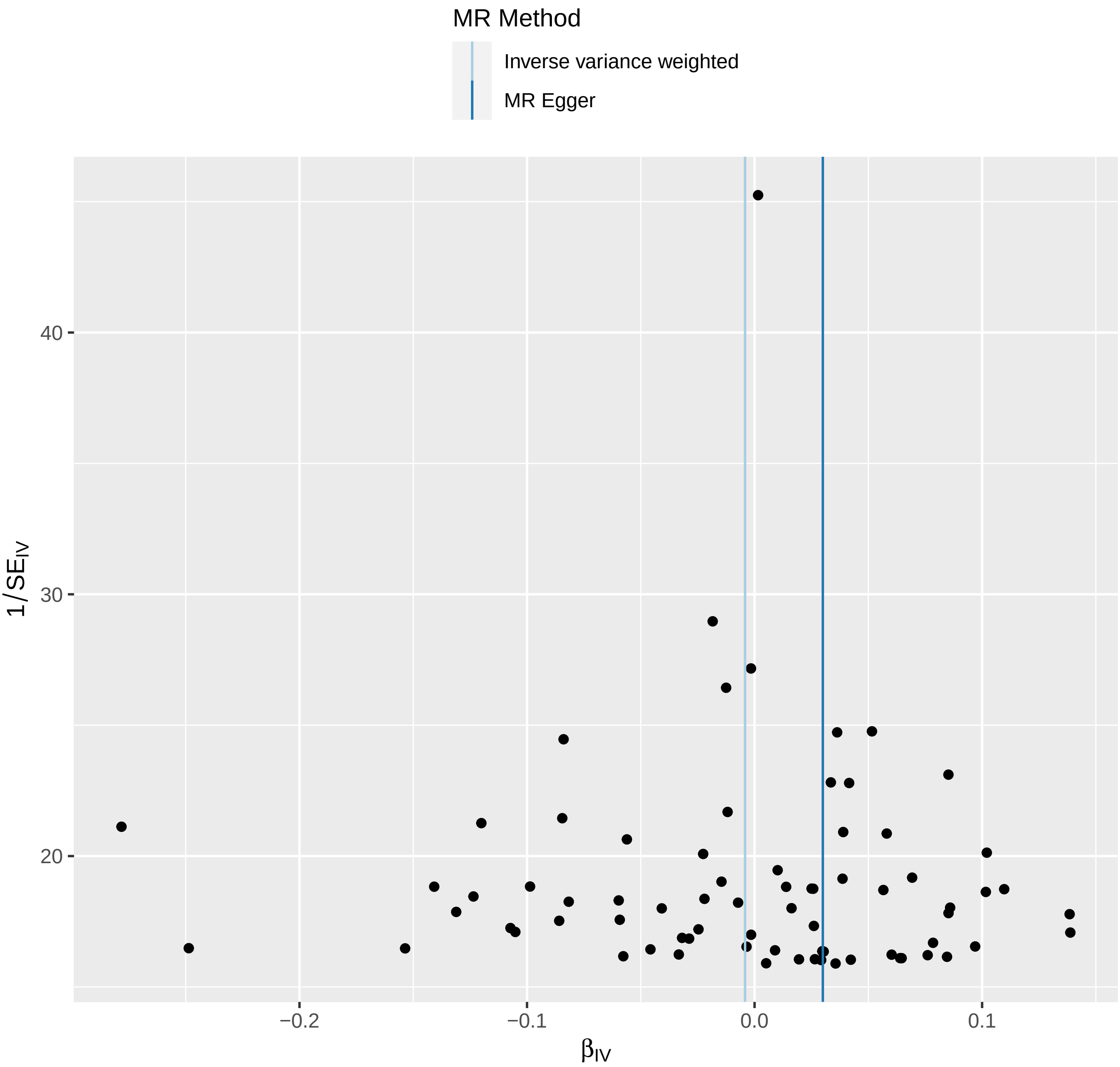

XSVLDLPLpctpercenttxt

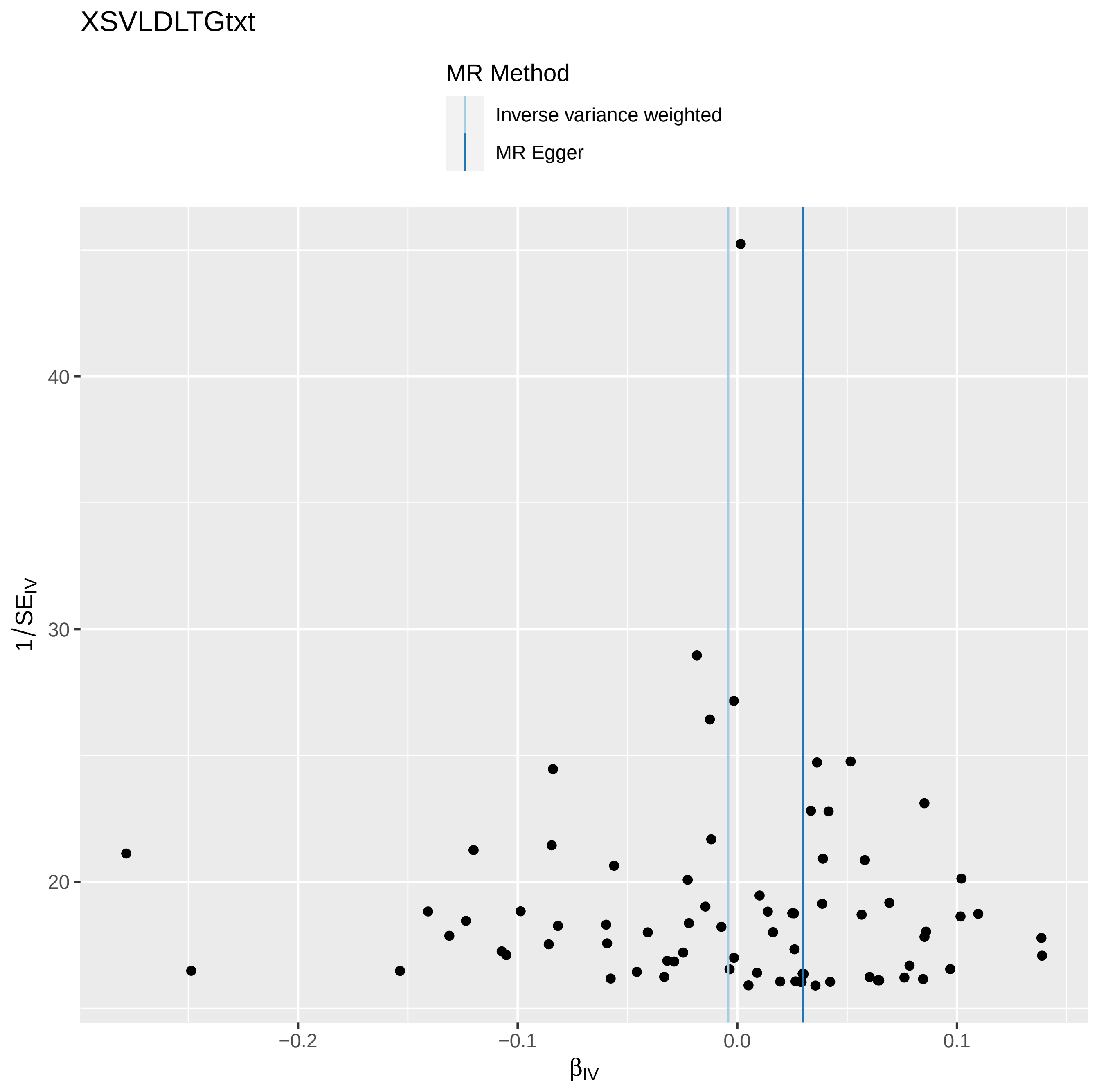
XSVLDLPLtxt

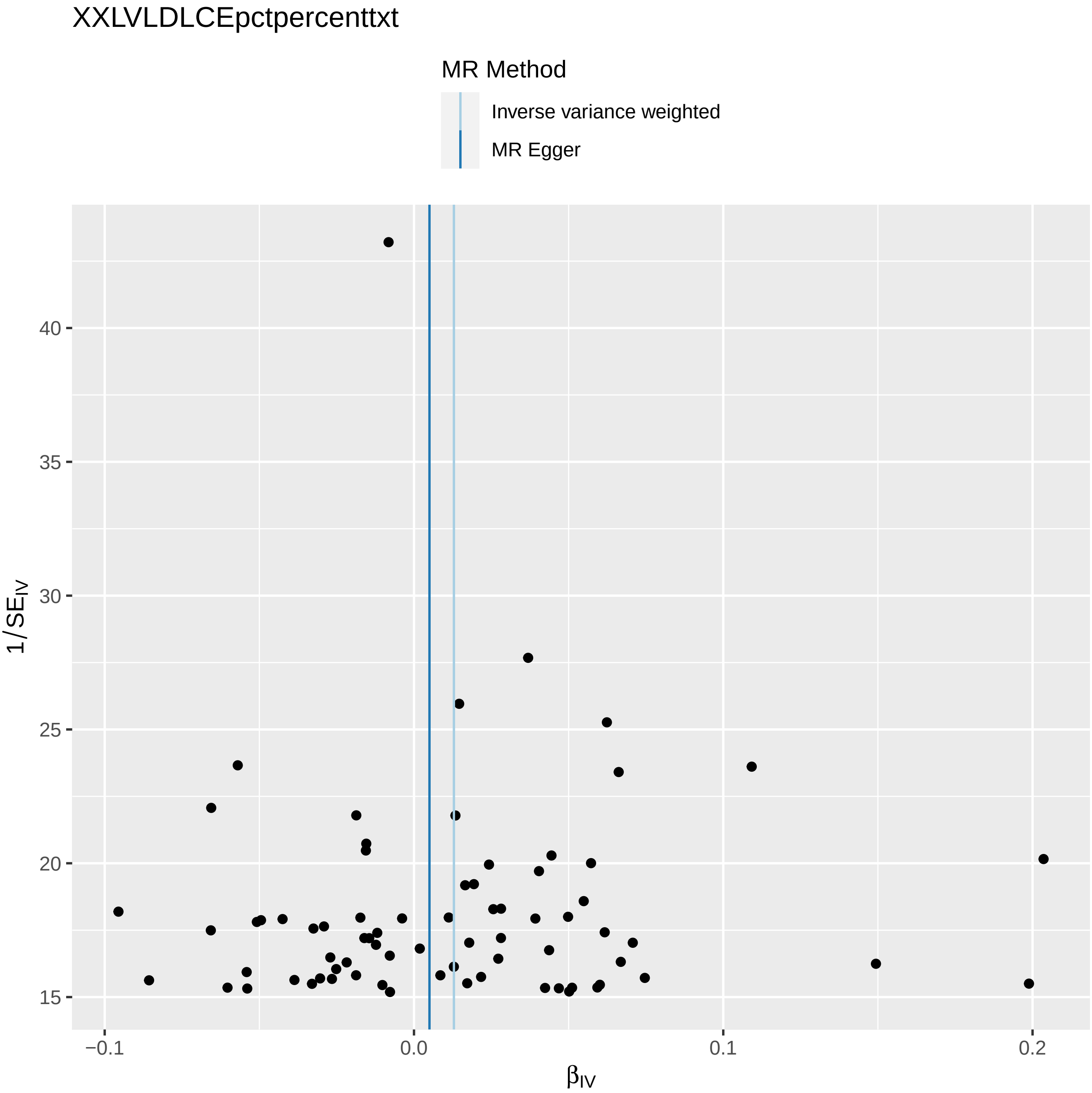



XSVLDLPtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.1
0.0
0.1
0.2
β$_{IV}$

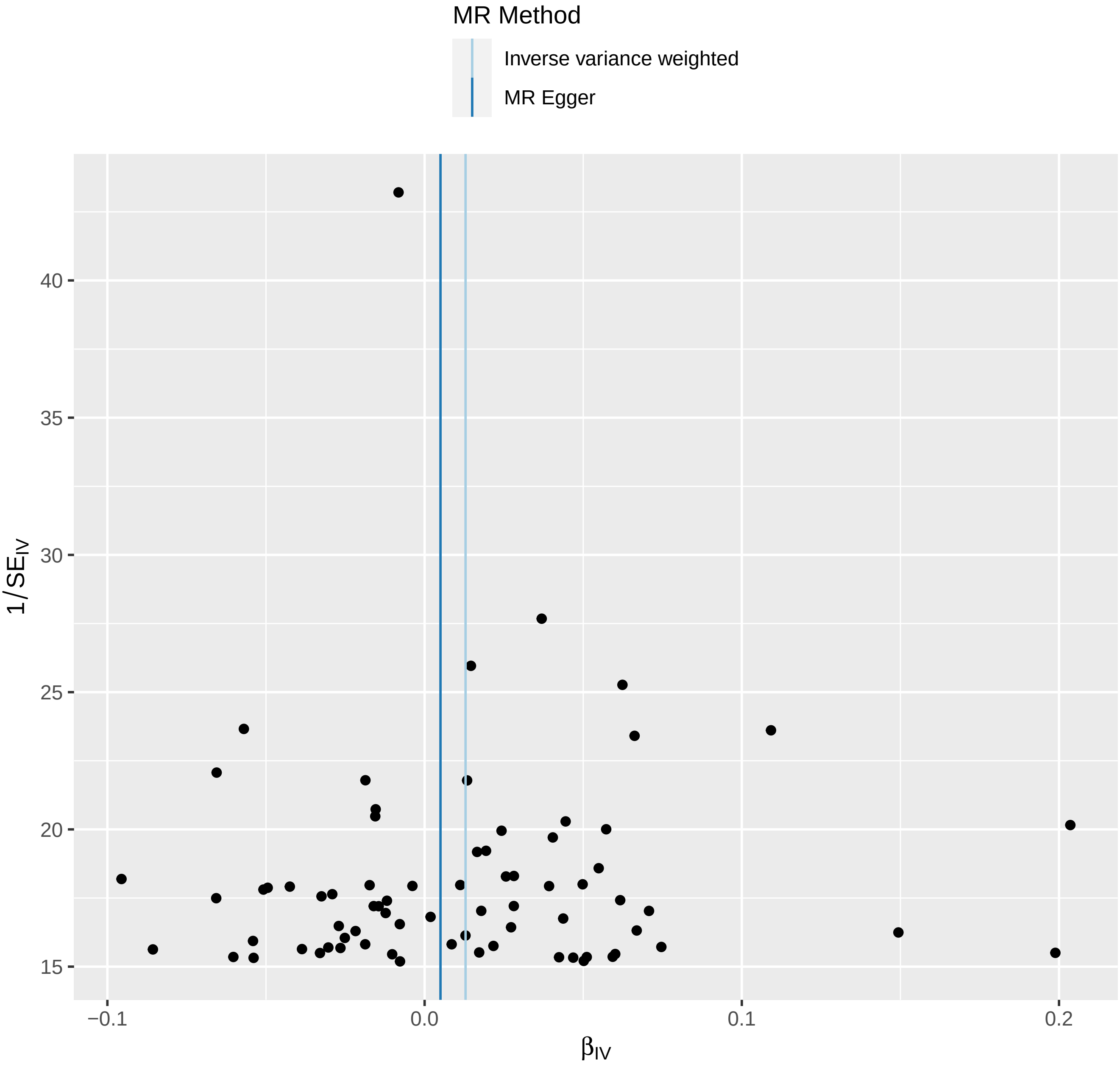
## XSVLDLTGpctpercenttxt



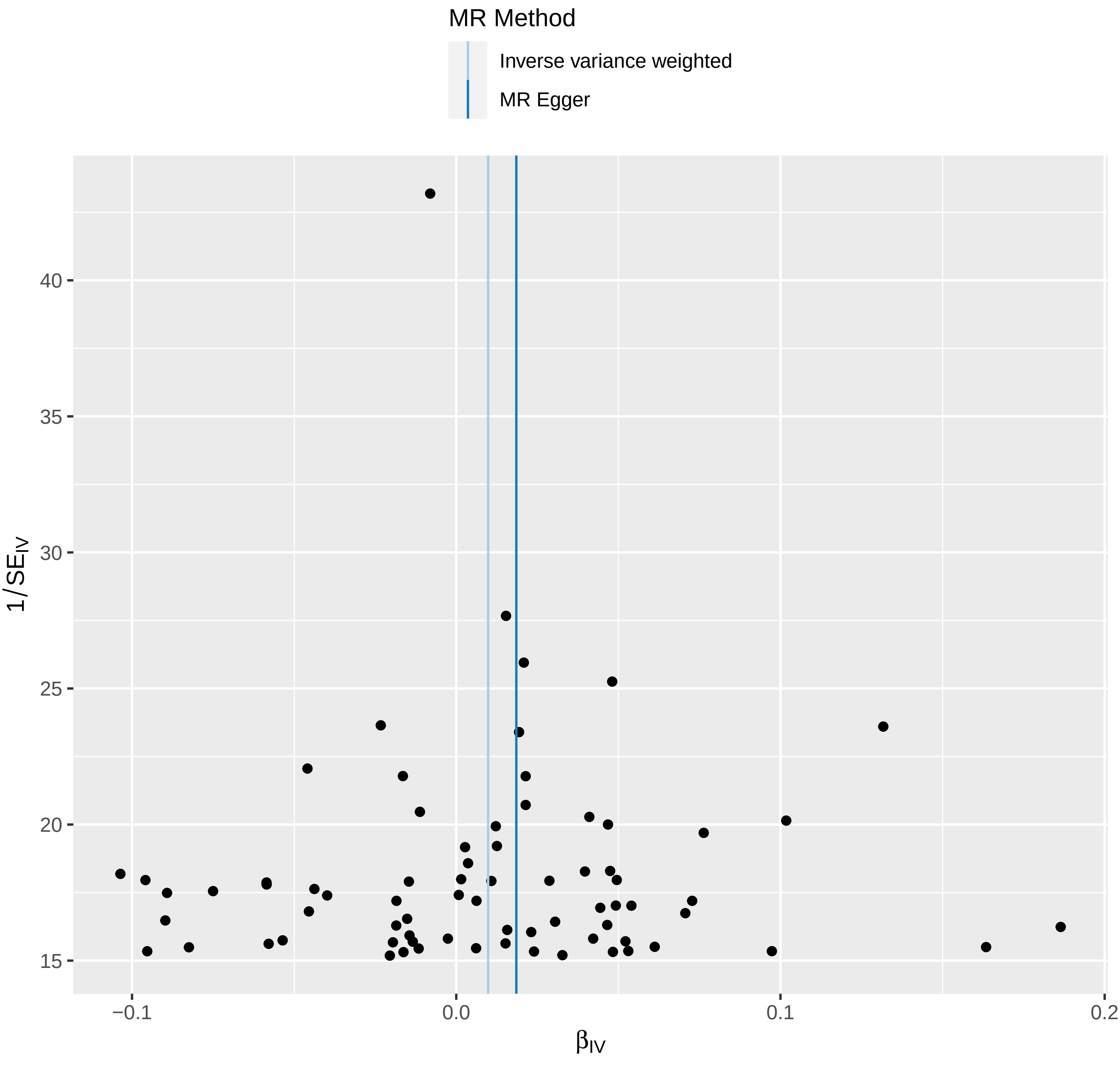

XSVLDLTGtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.2
−0.1
0.0
0.1
β$_{IV}$


XXLVLDLCEpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE_IV
40
35
30
25
20
15
β_IV
−0.1
0.0
0.1
0.2

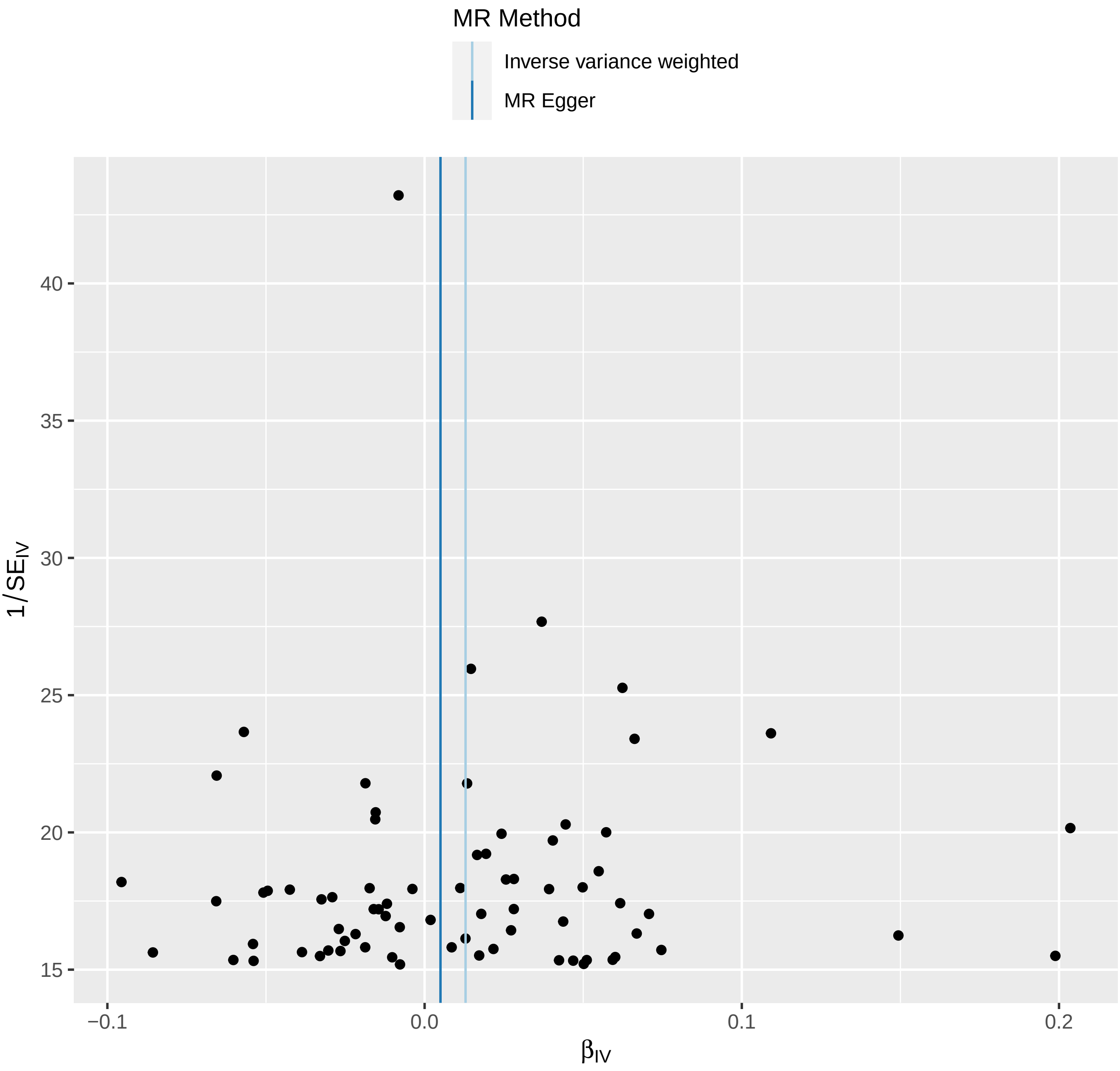
XXLVLDLCEtxt



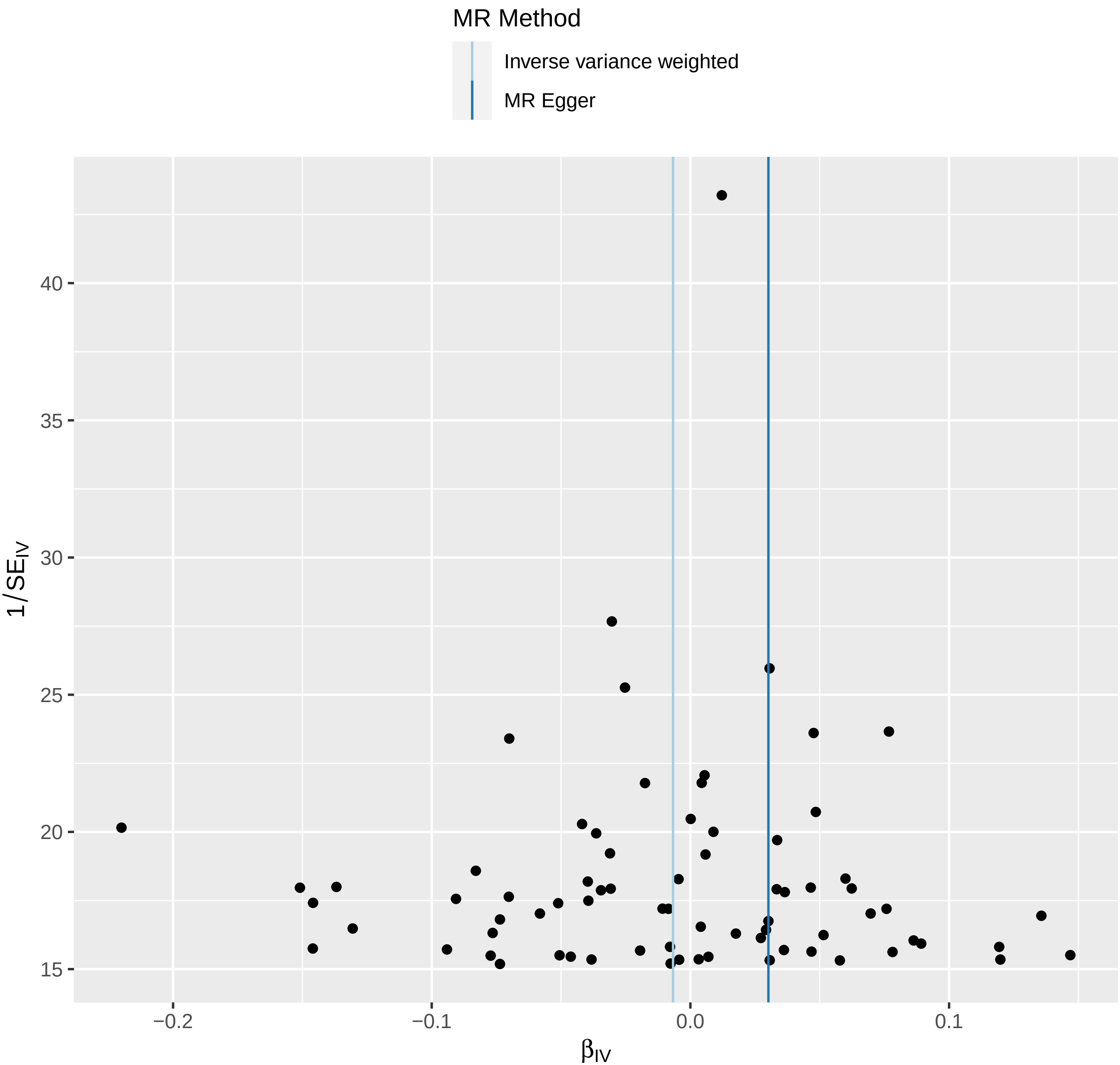
XXLVLDLCpctpercenttxt



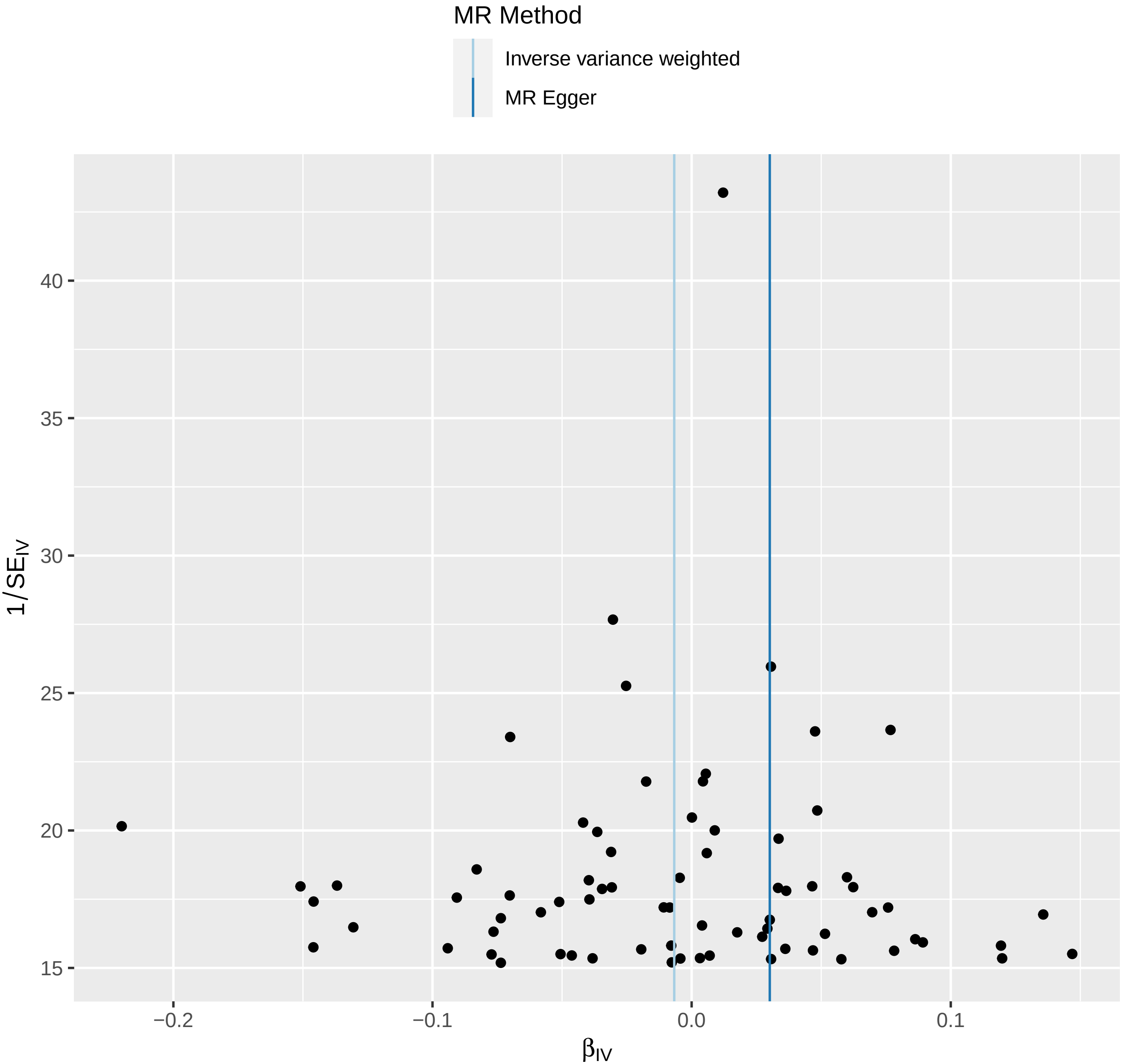
XXLVLDLCtxt

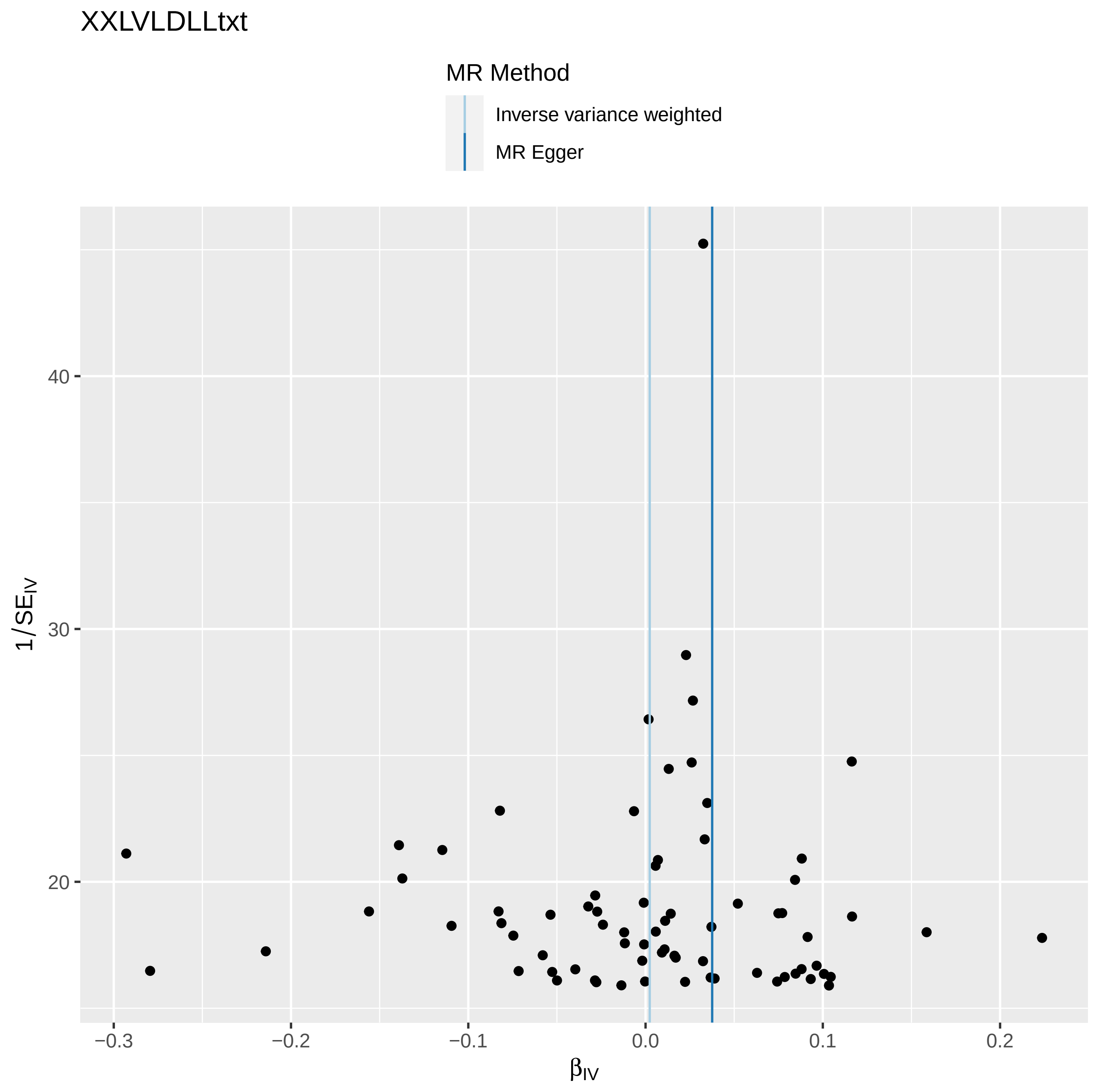


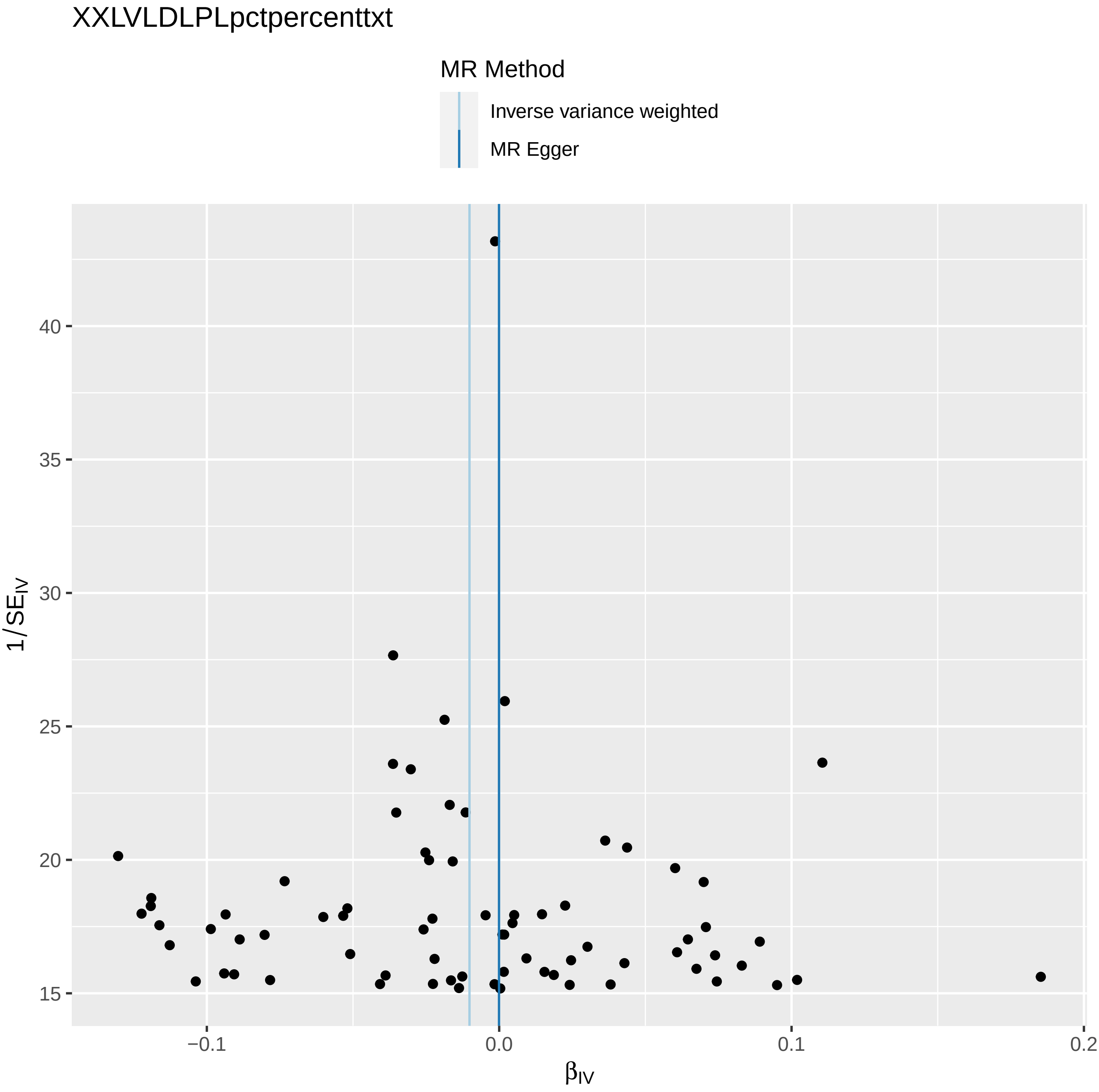
XXLVLDLFCpctpercenttxt

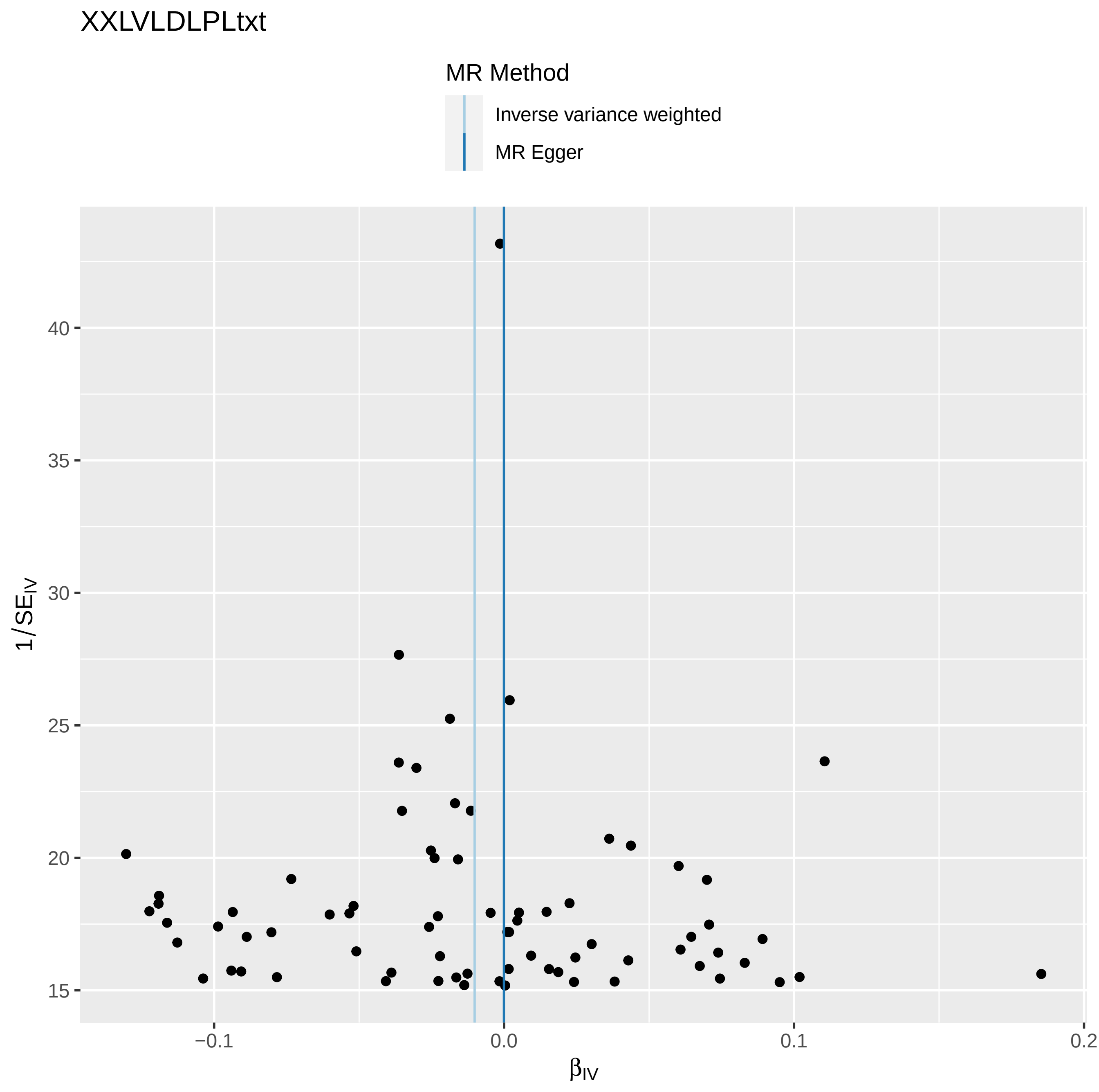


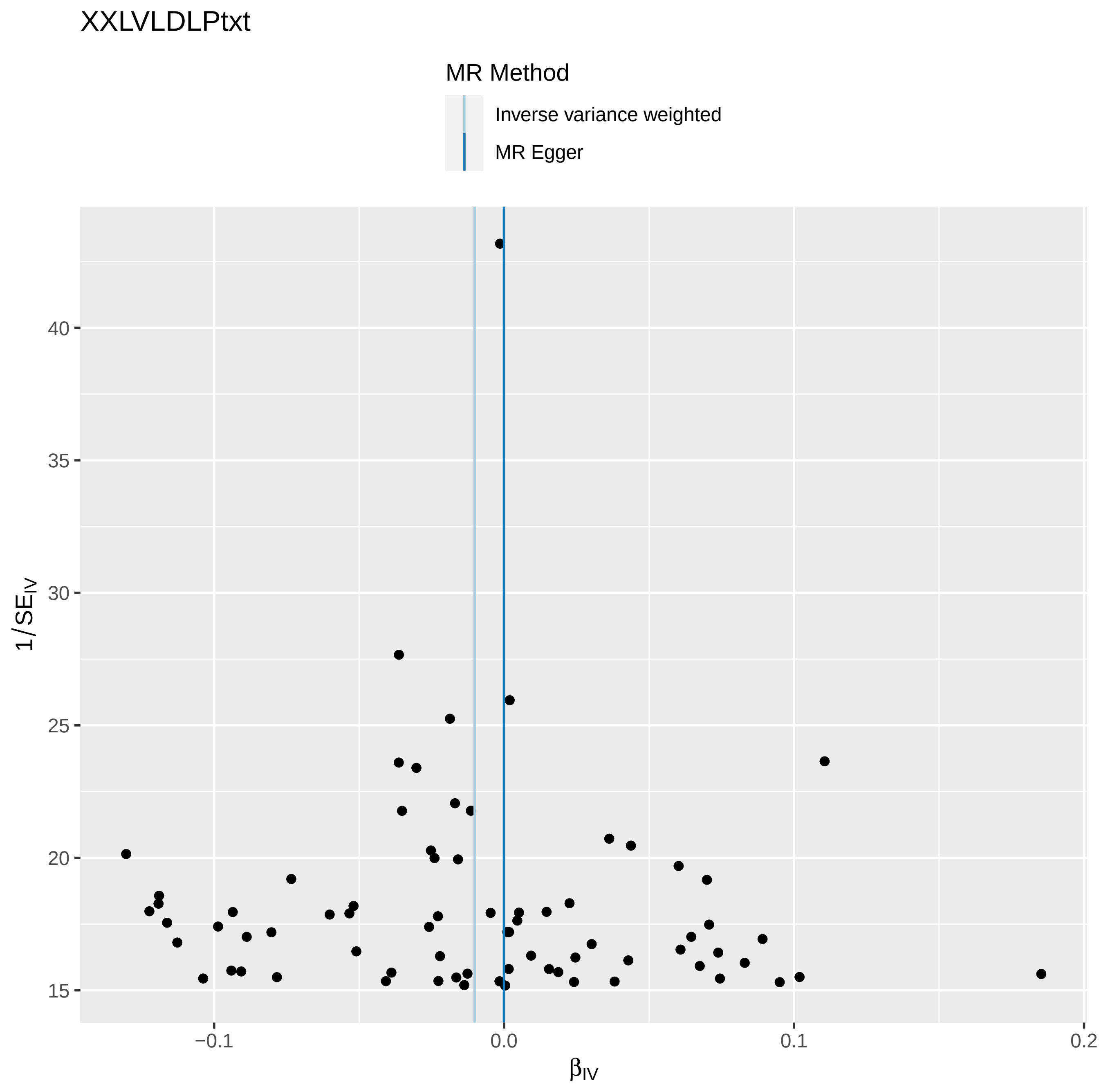
XXLVLDLFCtxt

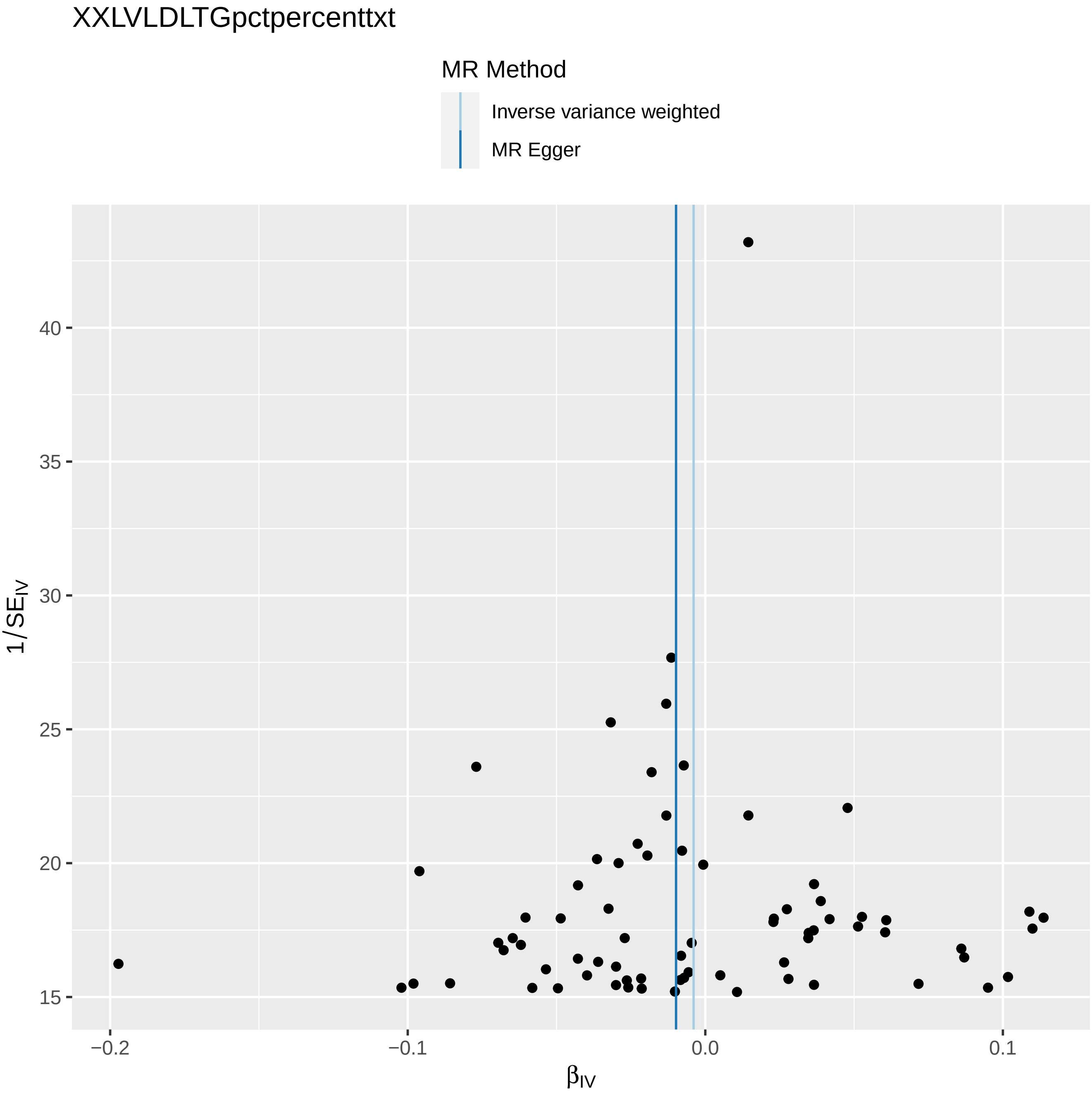


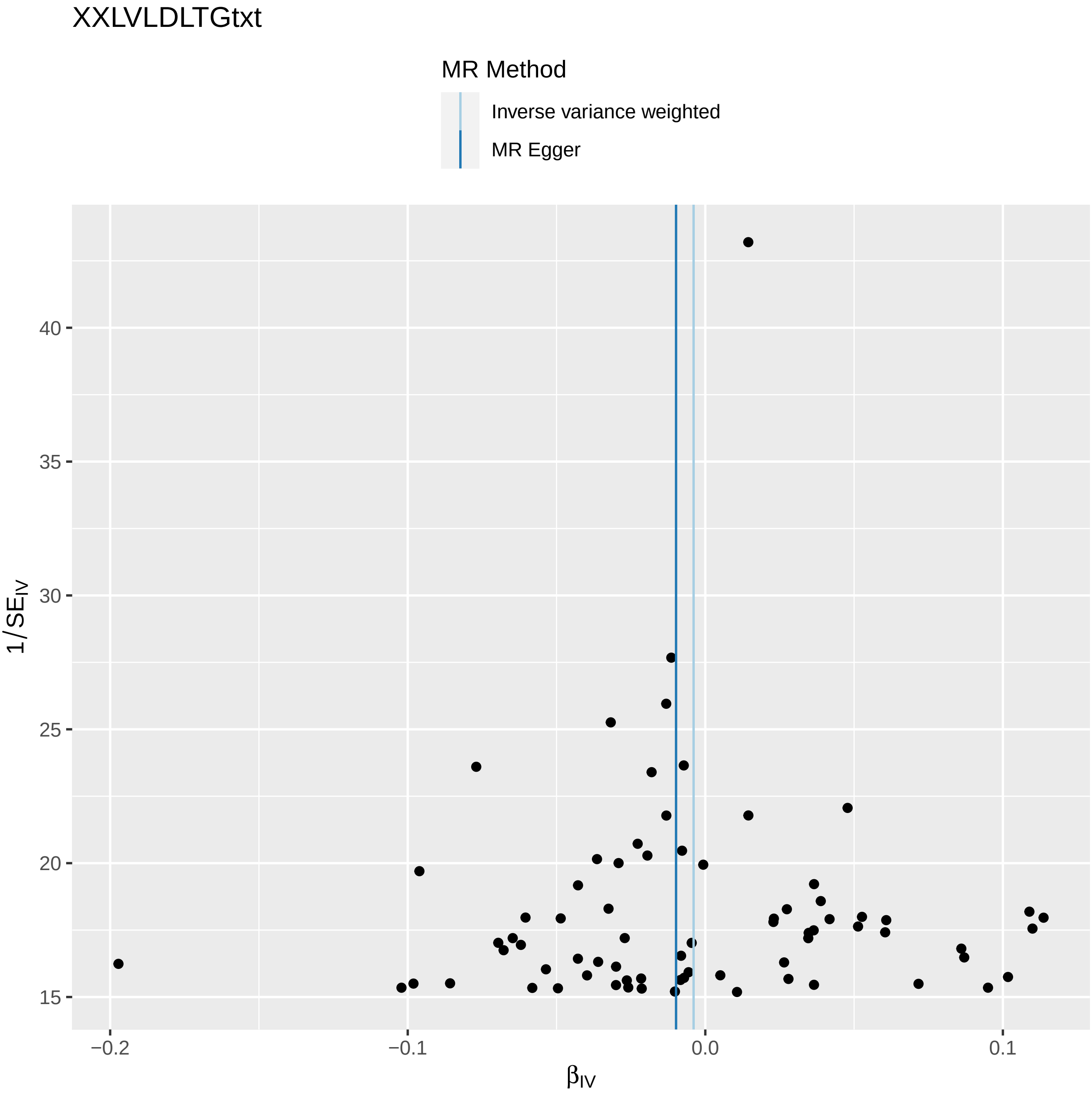

XXLVLDLLtxt
MR Method
Inverse variance weighted
MR Egger
40
30
20
1/SE$_{IV}$
−0.3
−0.2
−0.1
0.0
0.1
0.2
β$_{IV}$


XXLVLDLPLpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
40
35
30
25
20
15
$1/SE_{IV}$
−0.1
0.0
0.1
0.2
$\beta_{IV}$


XXLVLDLPLtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
35
30
25
20
15
−0.1
0.0
0.1
0.2
β$_{IV}$


XXLVLDLPtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
35
30
25
20
15
−0.1
0.0
0.1
0.2
β$_{IV}$


XXLVLDLTGpctpercenttxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
40
35
30
25
20
15
−0.2
−0.1
0.0
0.1
β$_{IV}$


XXLVLDLTGtxt
MR Method
Inverse variance weighted
MR Egger
1/SE$_{IV}$
15
20
25
30
35
40
β$_{IV}$
−0.2
−0.1
0.0
0.1