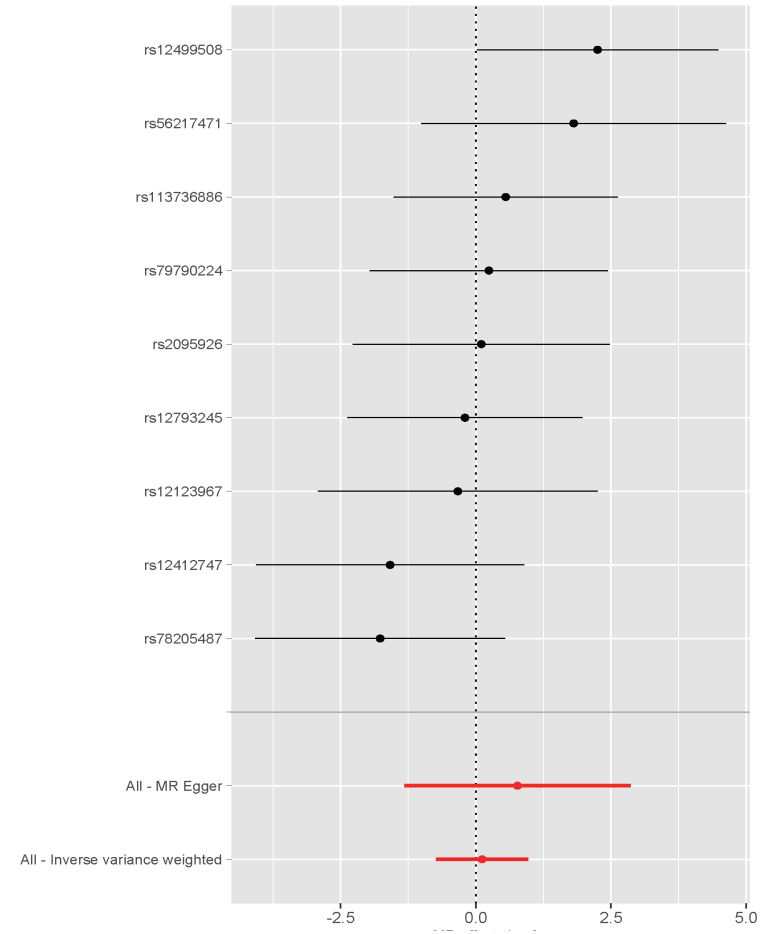
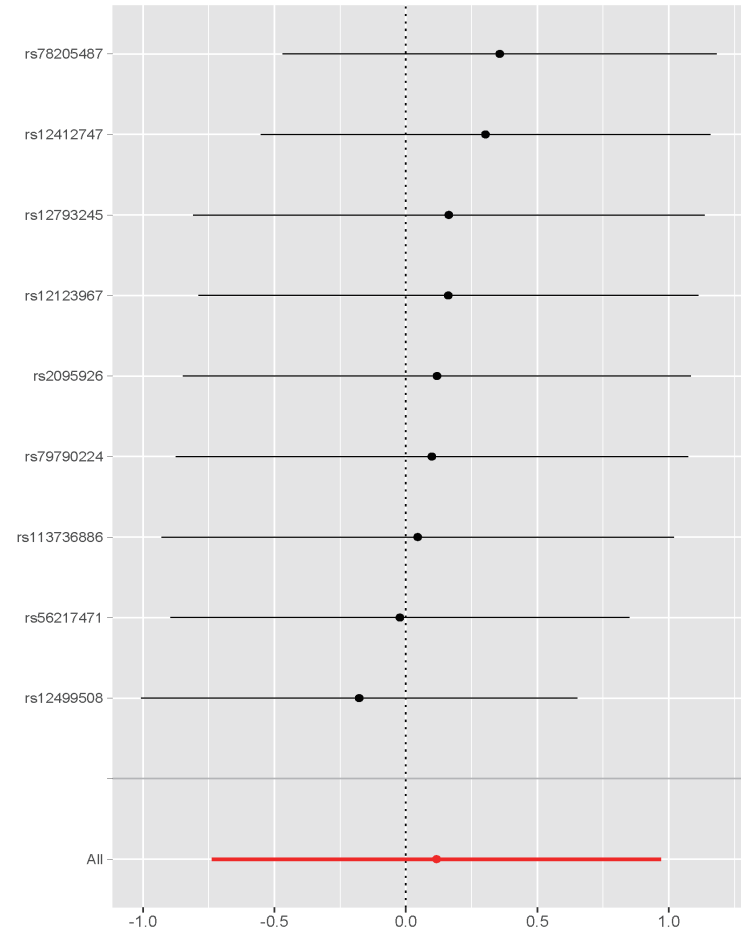


Supplementary Figure S1. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of anxiety on NAFLD.

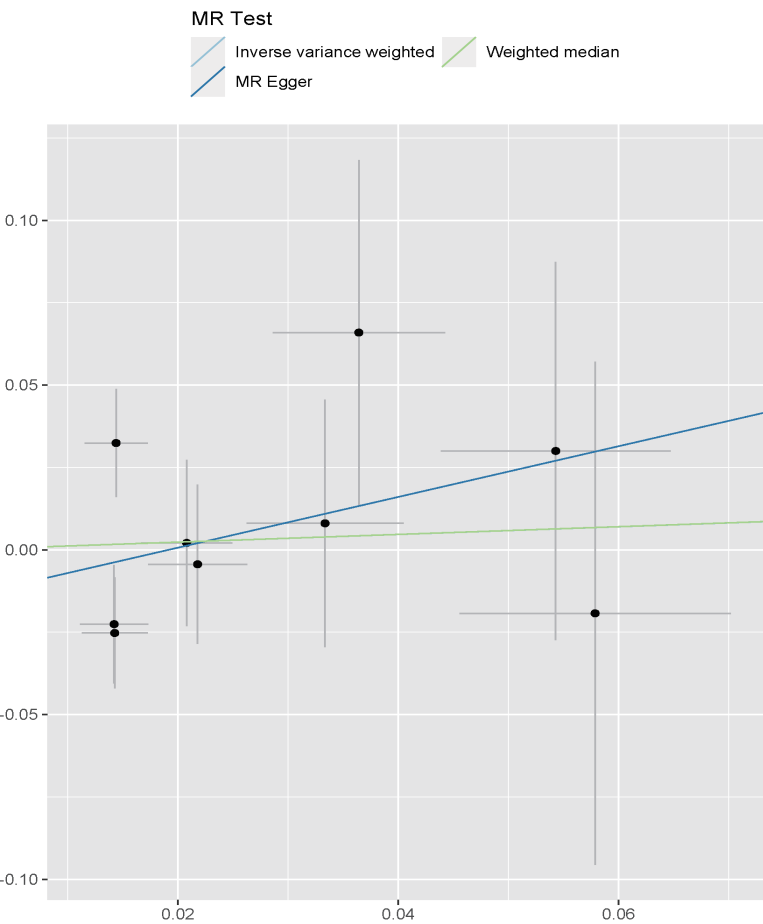
A



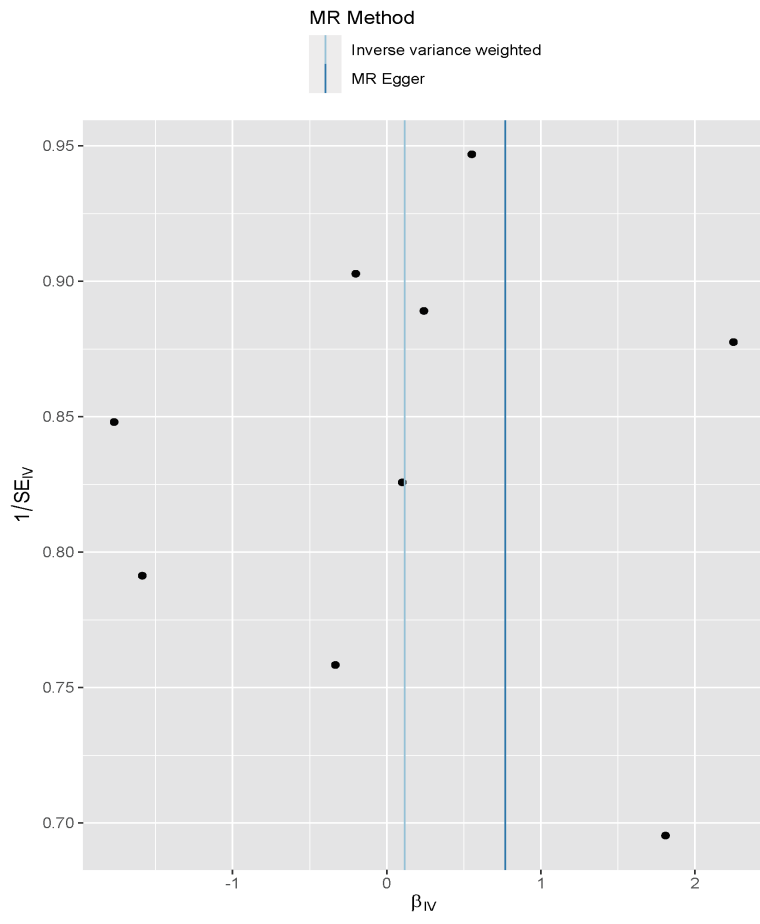
B



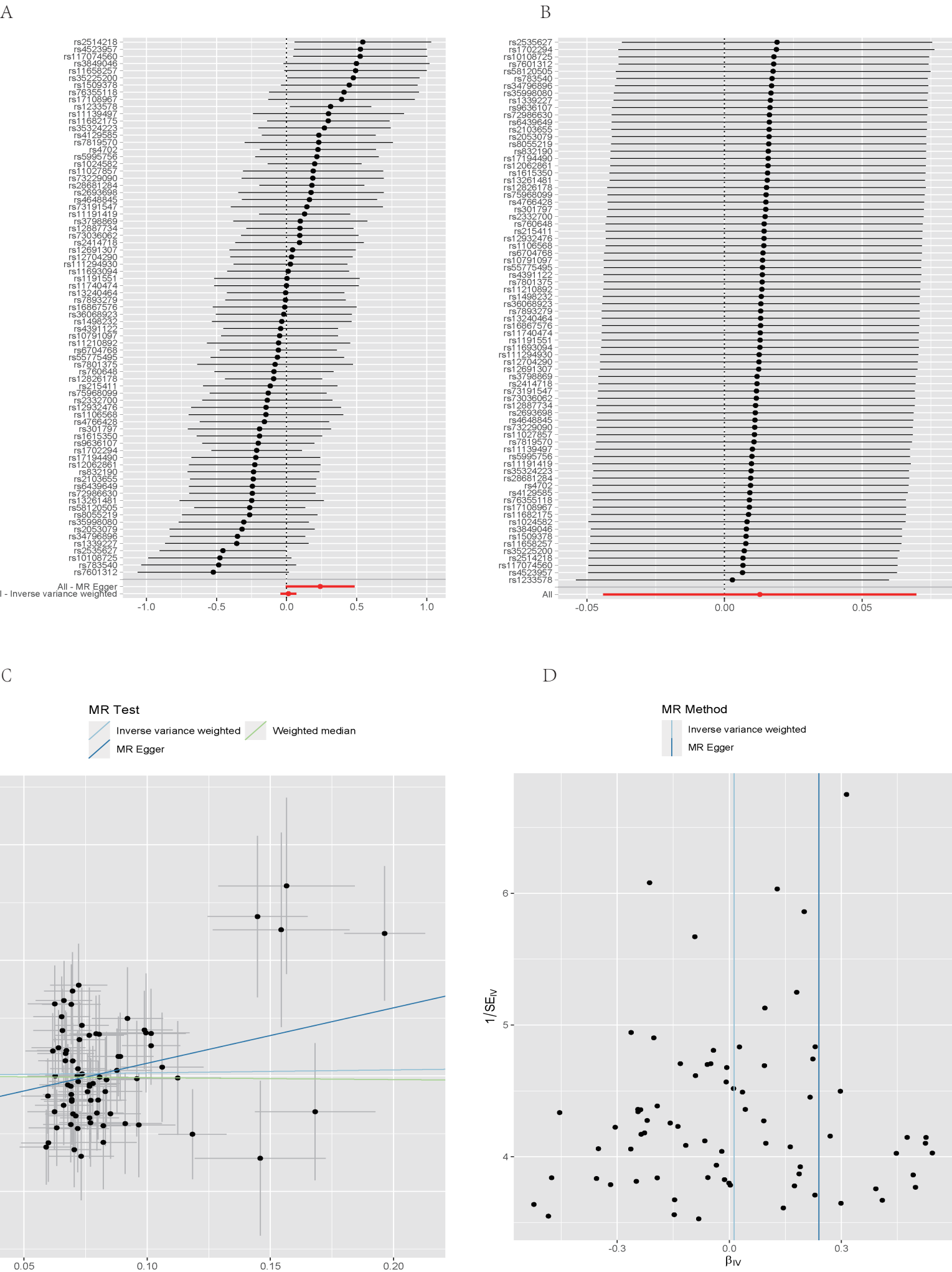
C



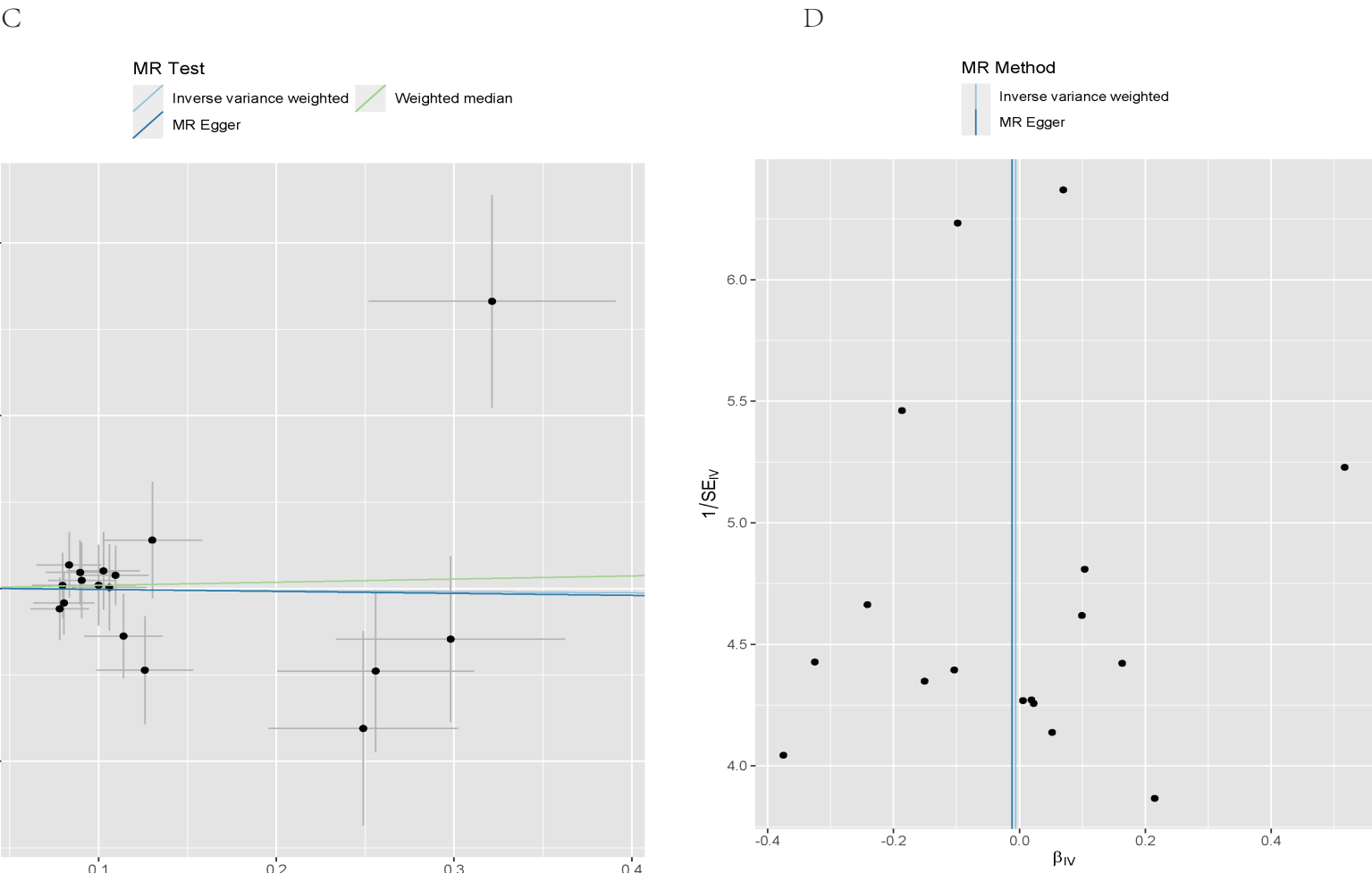
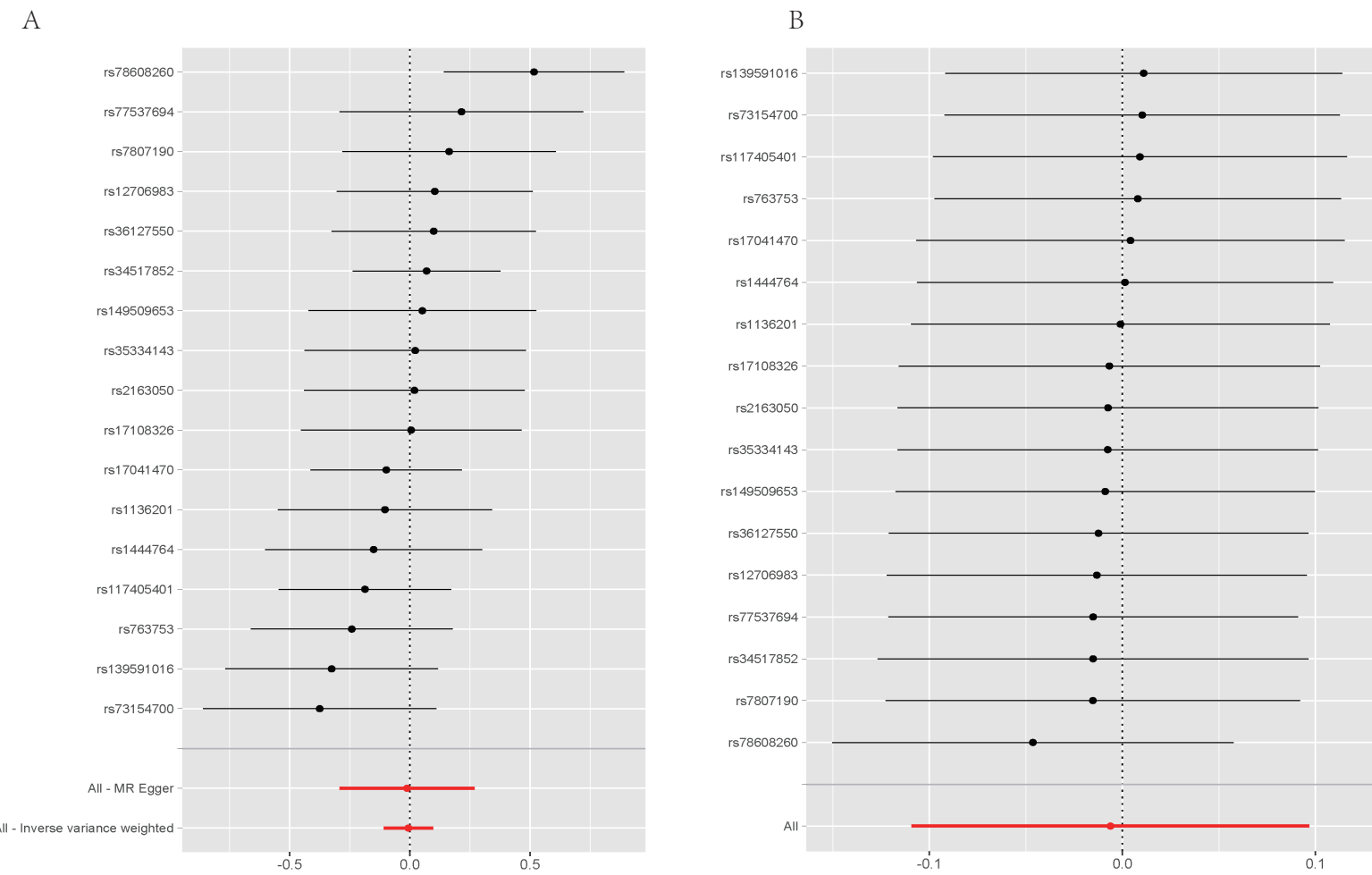
D



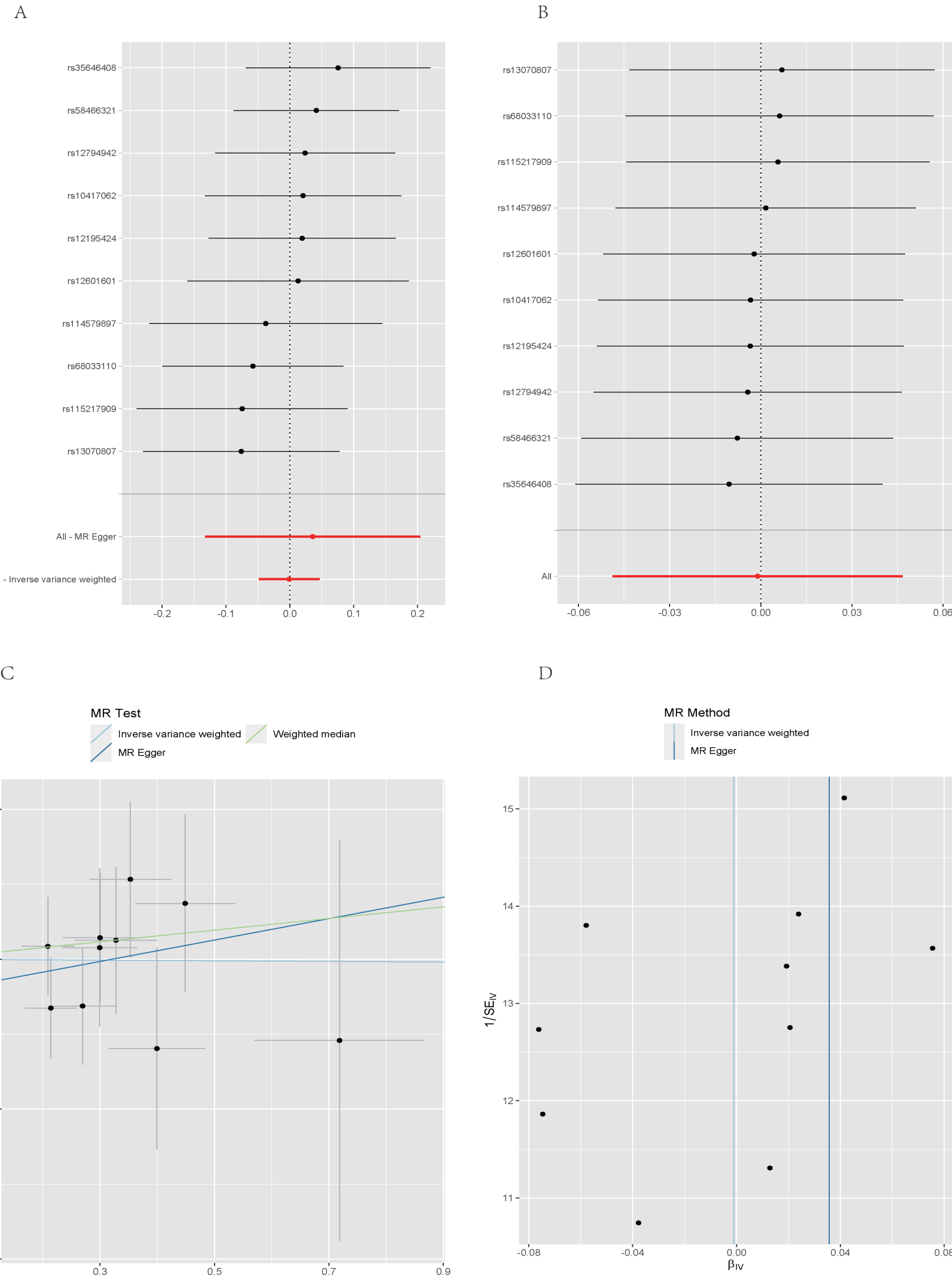
Supplementary Figure S2. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of schizophrenia on NAFLD.



Supplementary Figure S3. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Post-traumatic stress disorder on NAFLD.



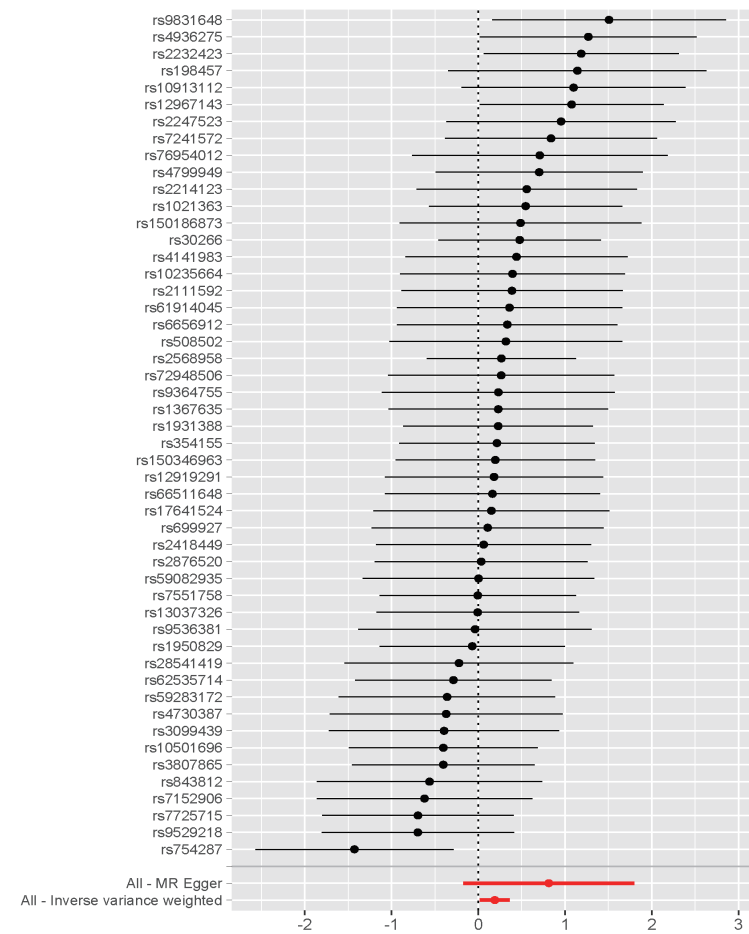
Supplementary Figure S4. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Obsessive-compulsive disorder on NAFLD.



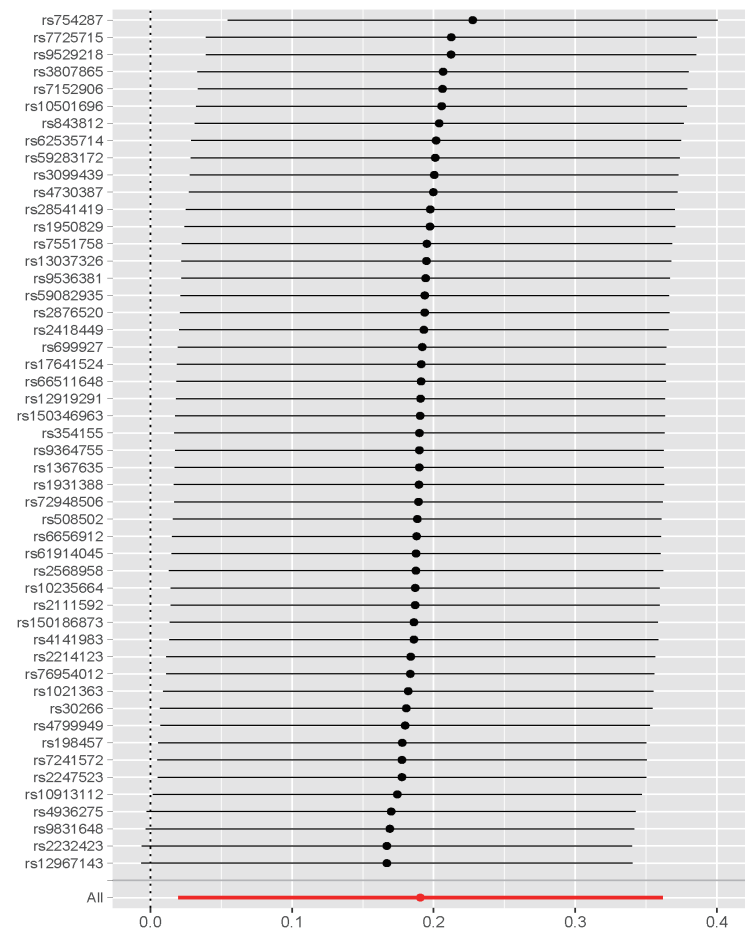


Supplementary Figure S5. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Major Depressive Disorder on NAFLD.

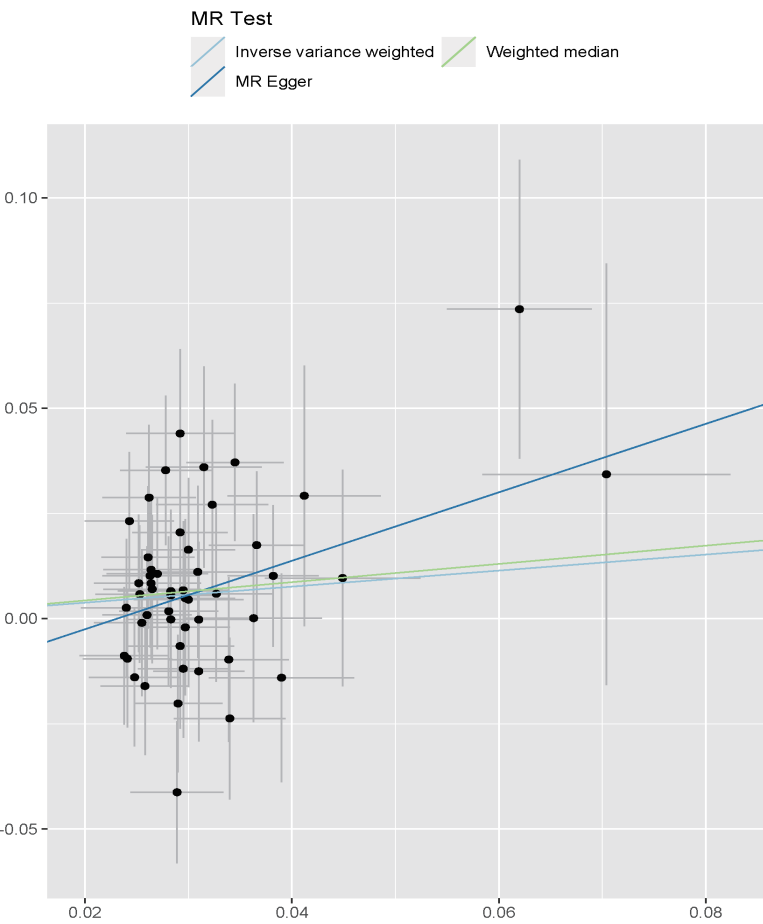
A



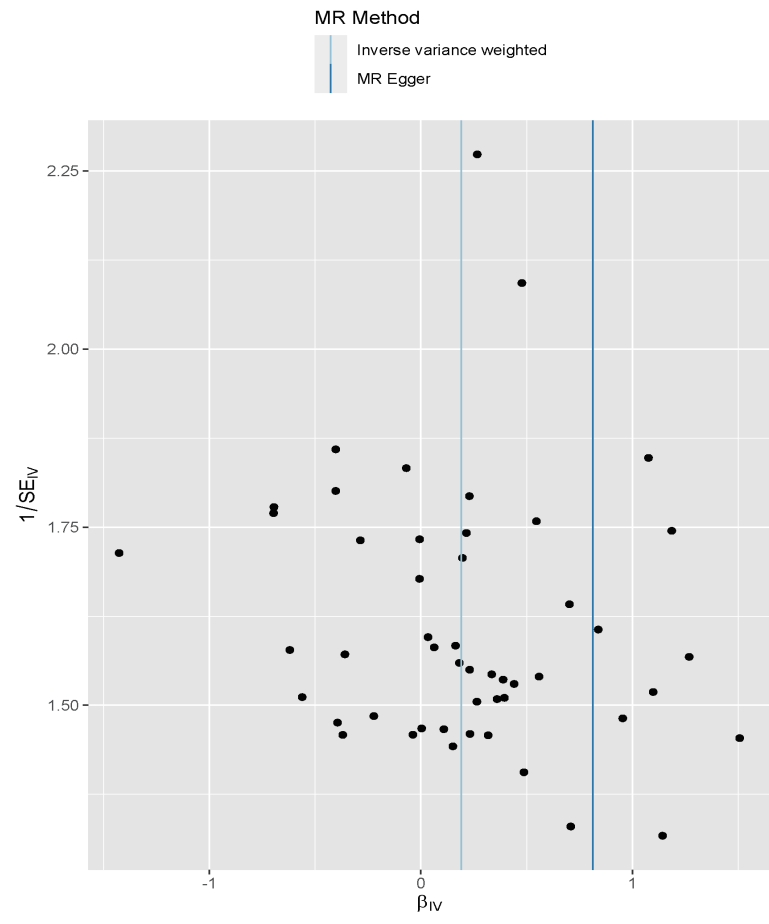
B



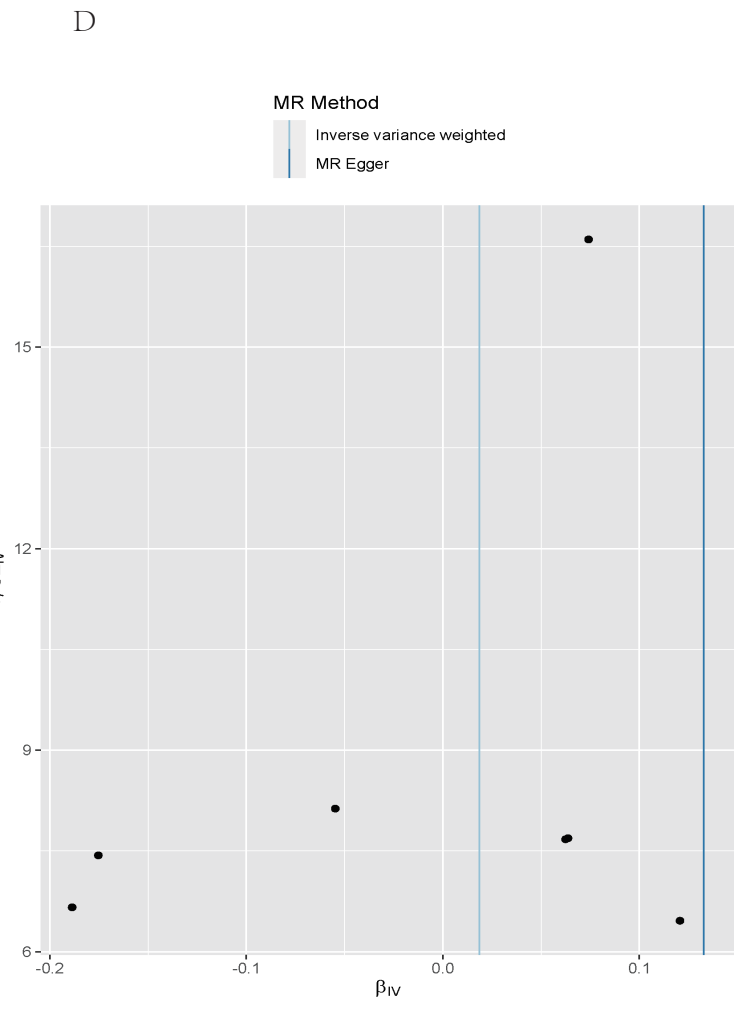
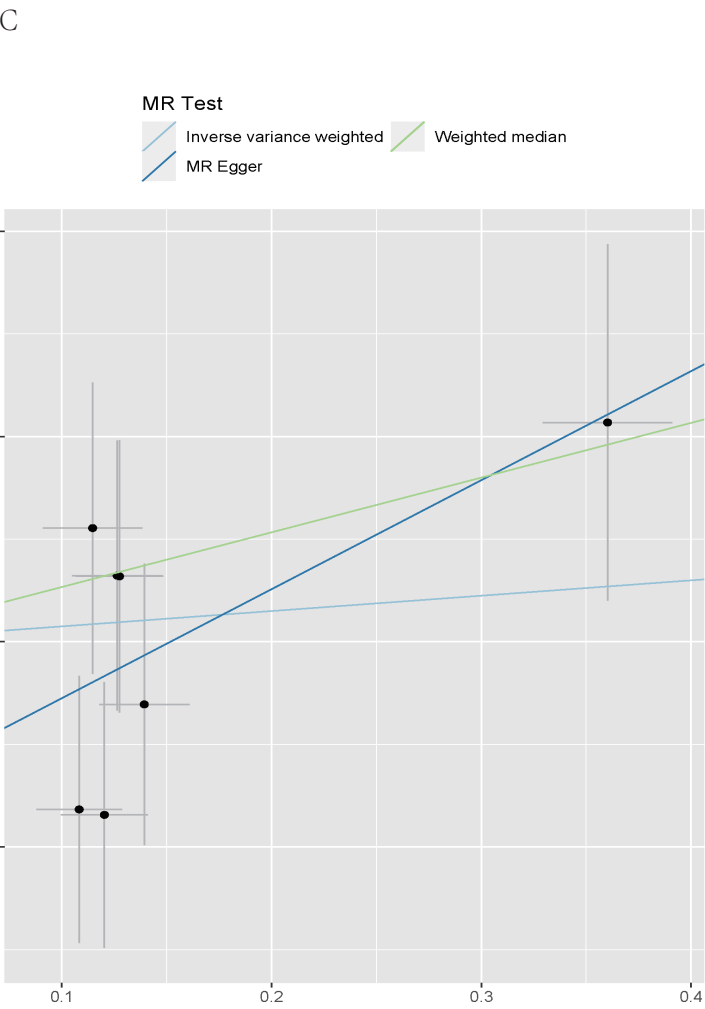
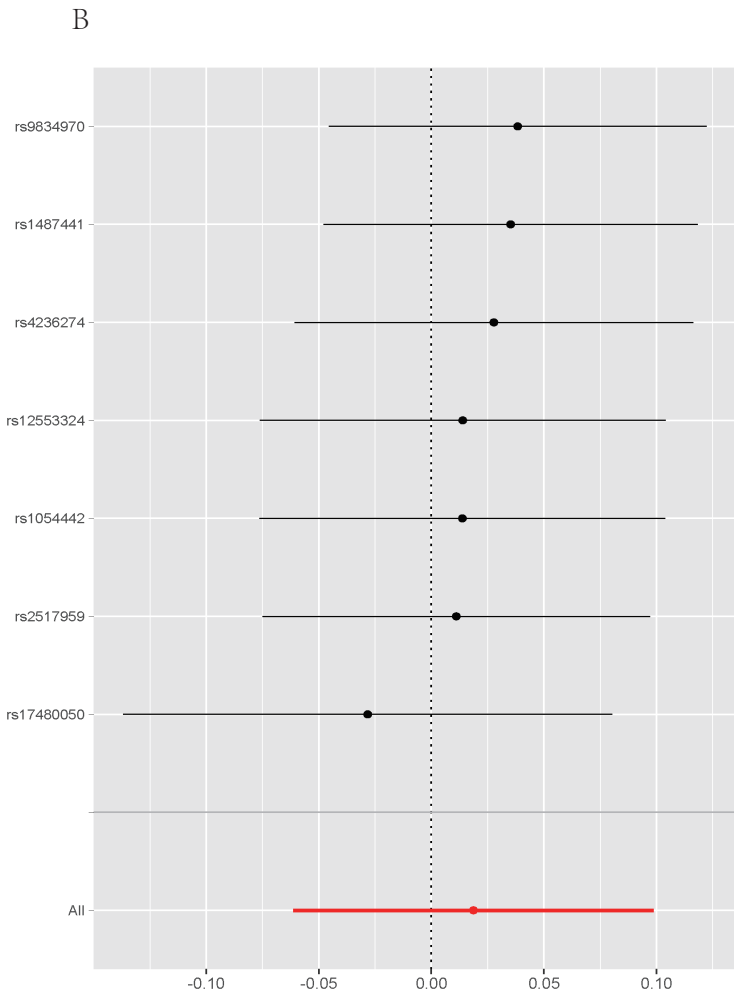
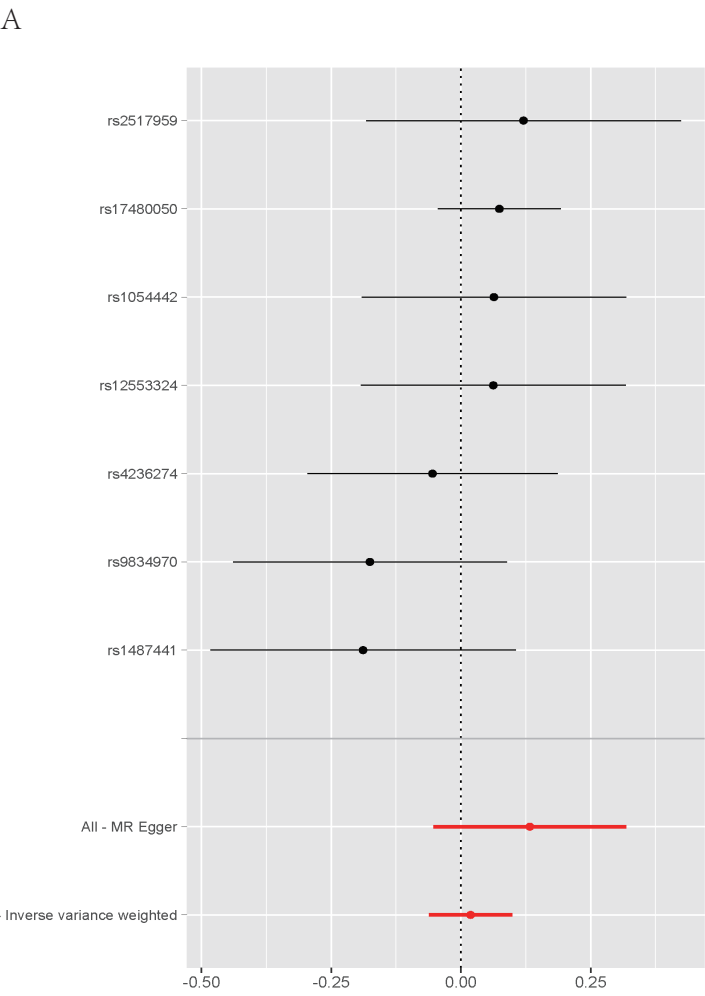
C



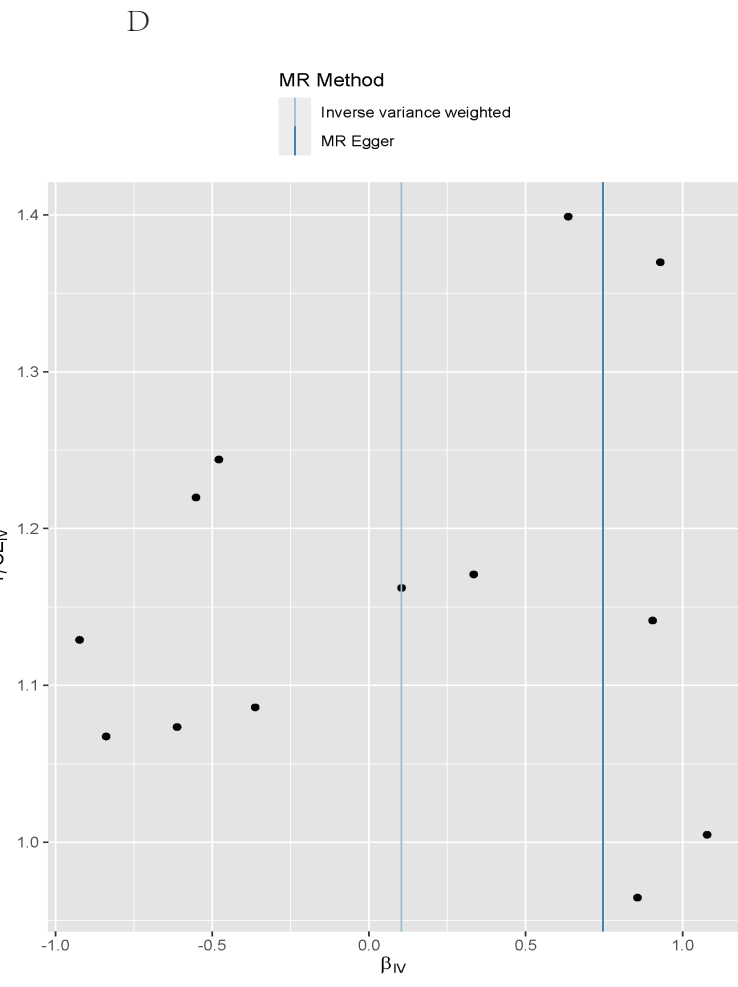
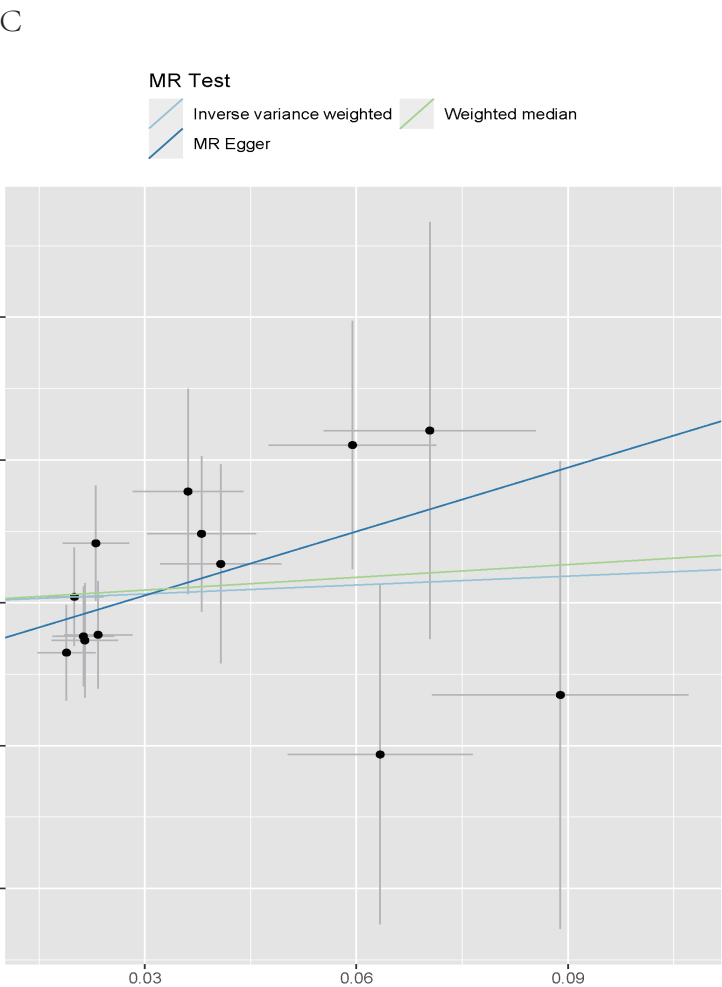
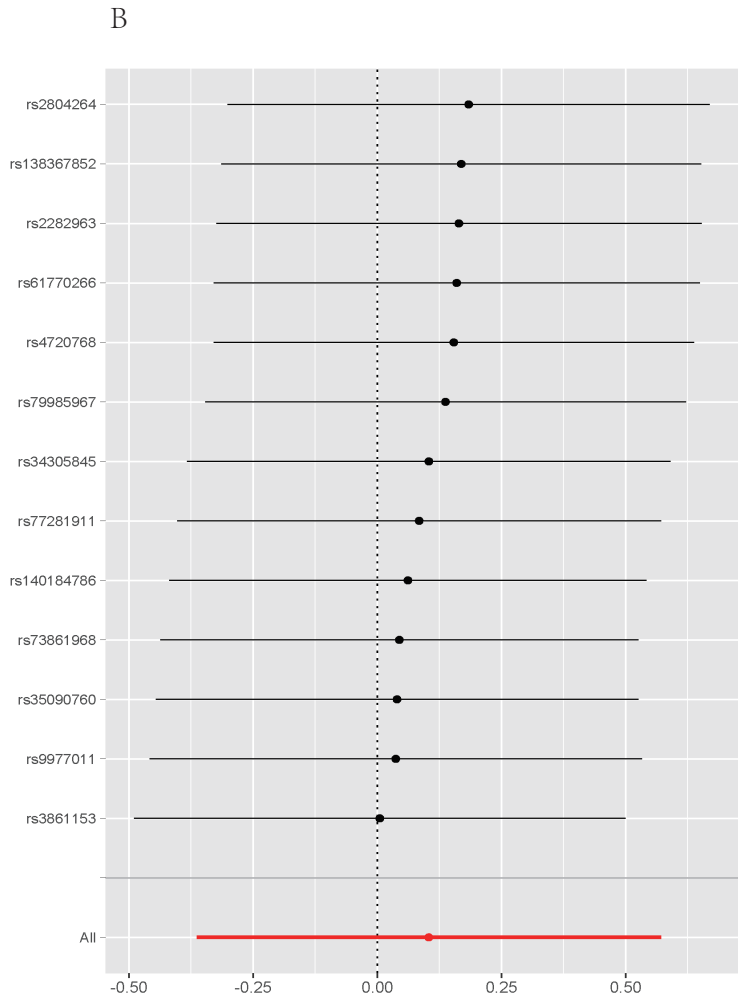
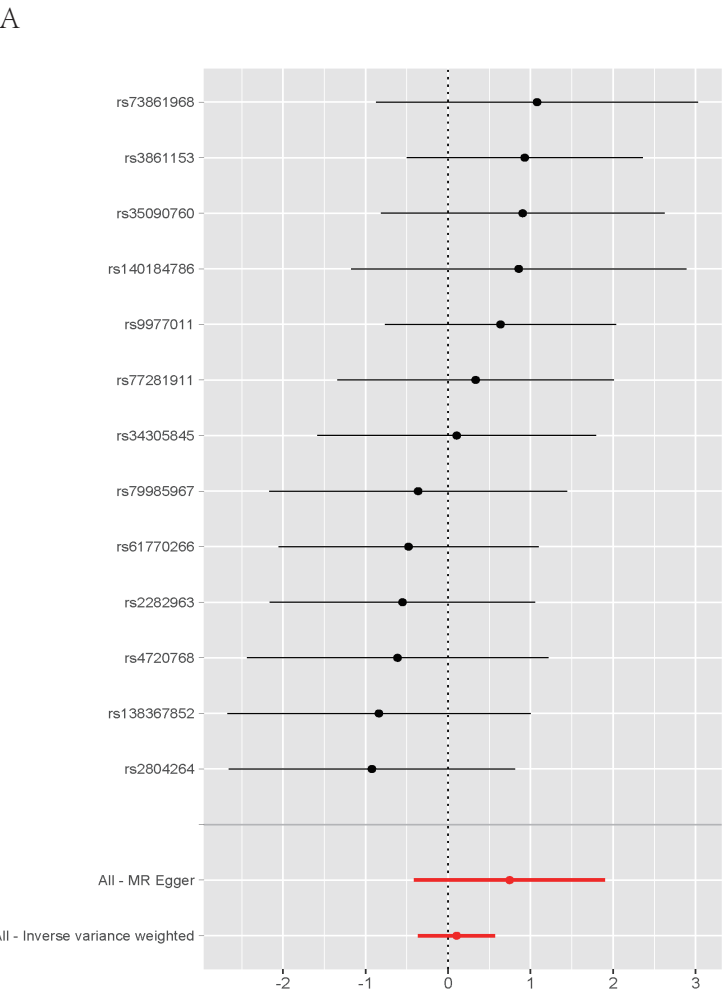
D



Supplementary Figure S6. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Bipolar disorder on NAFLD.

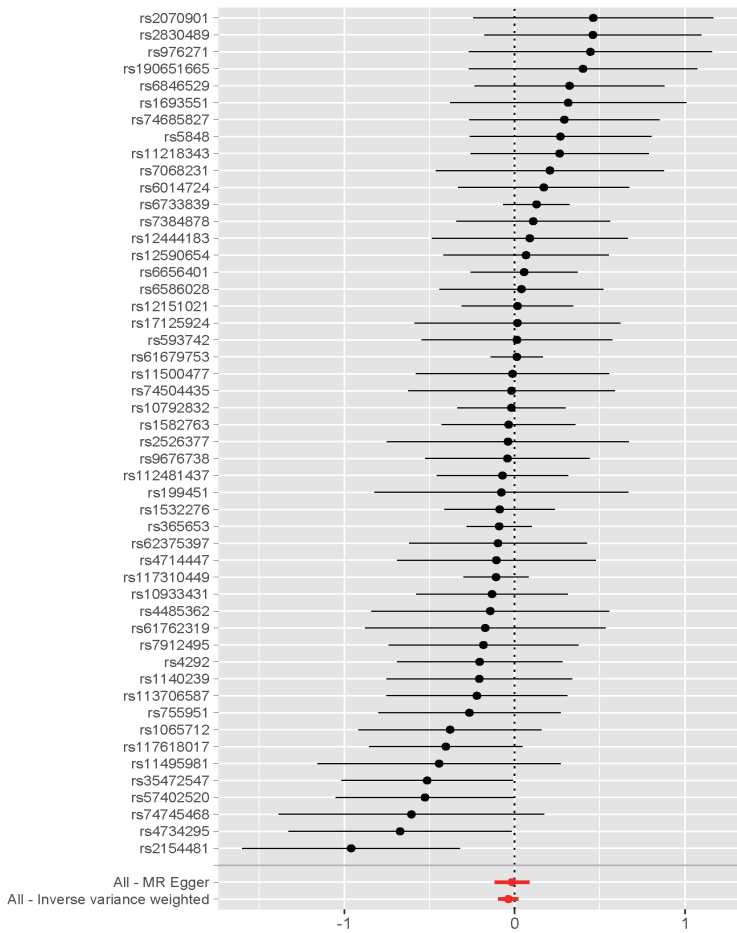


Supplementary Figure S7. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of mania on NAFLD.

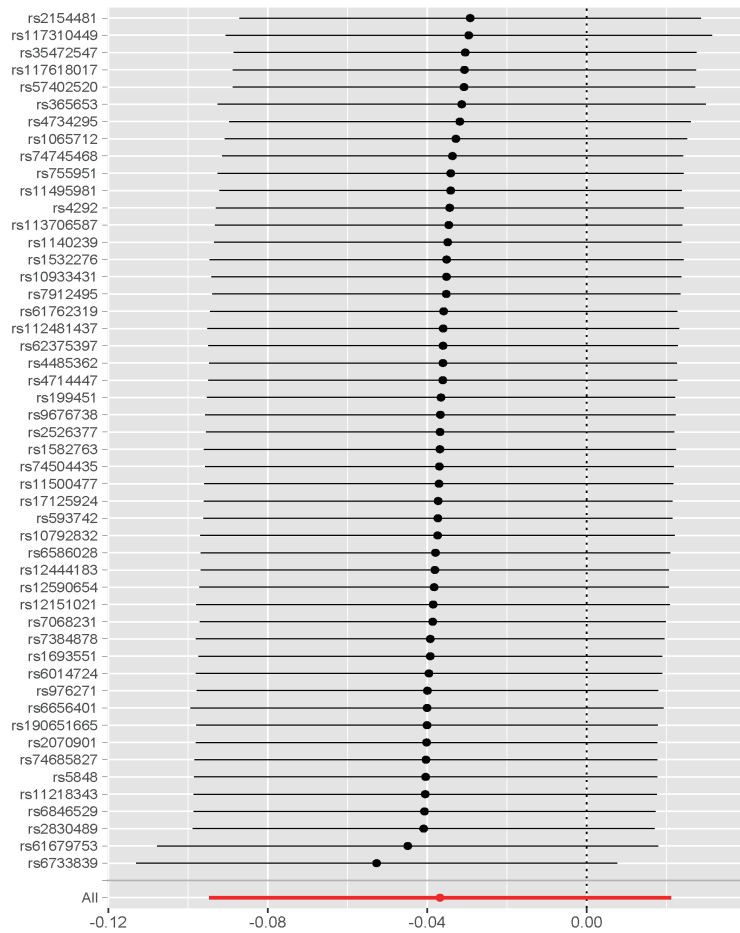


Supplementary Figure S8. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Alzheimer's disease on NAFLD.

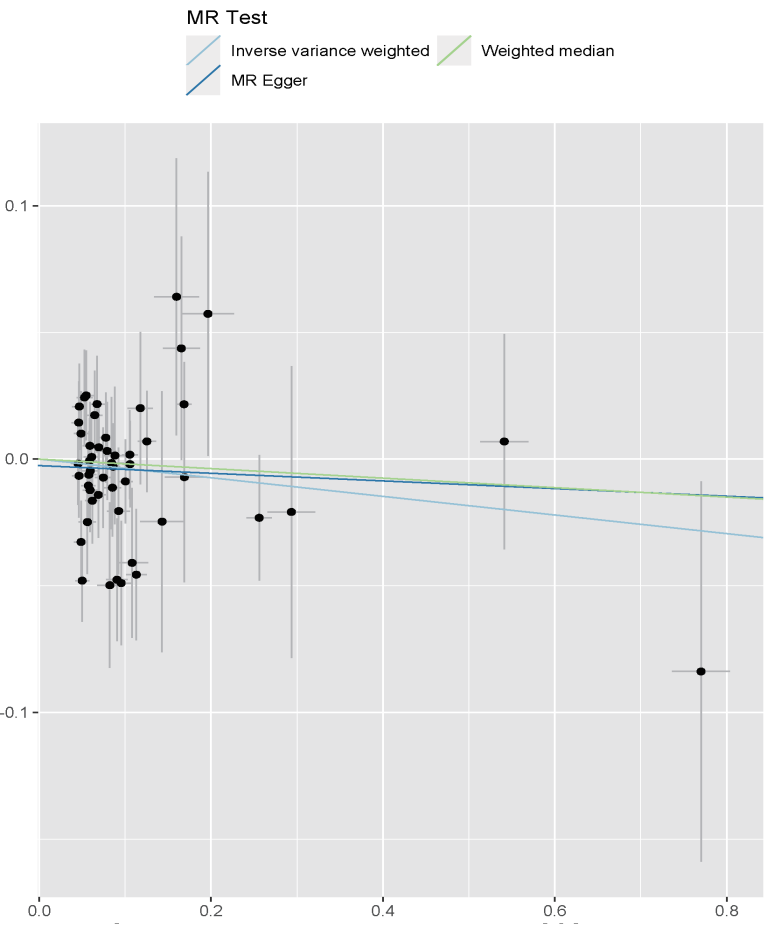
A



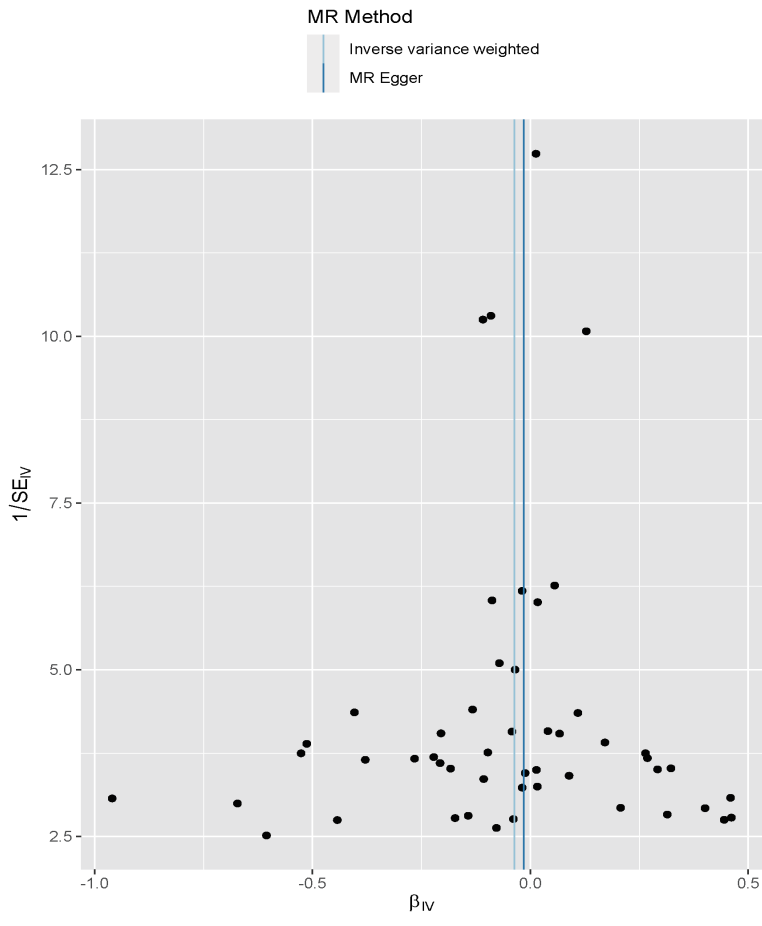
B



C

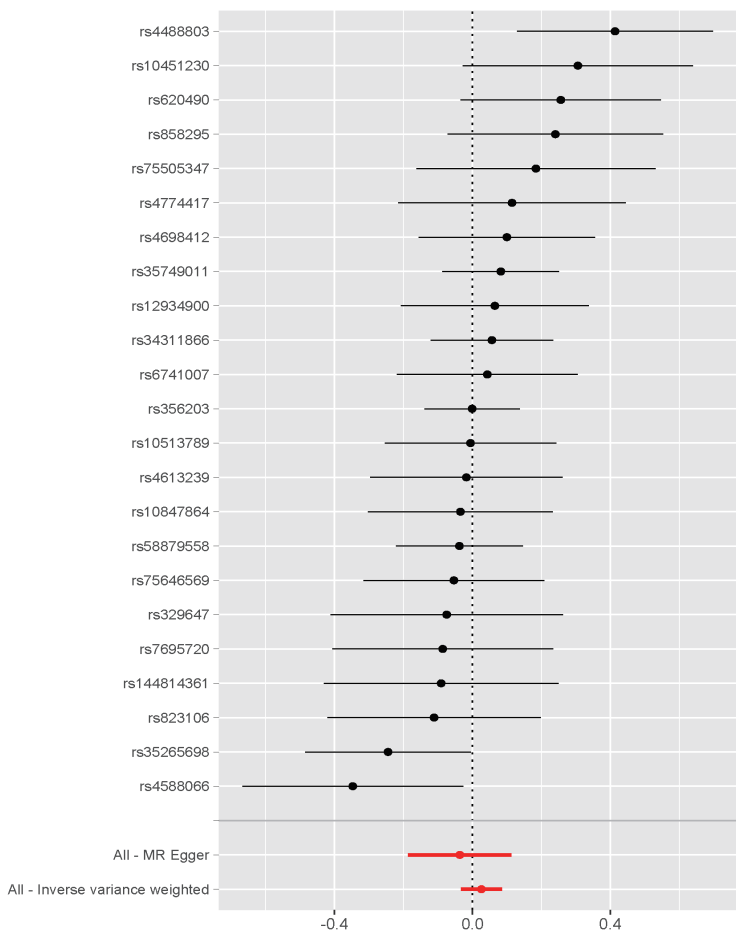


D

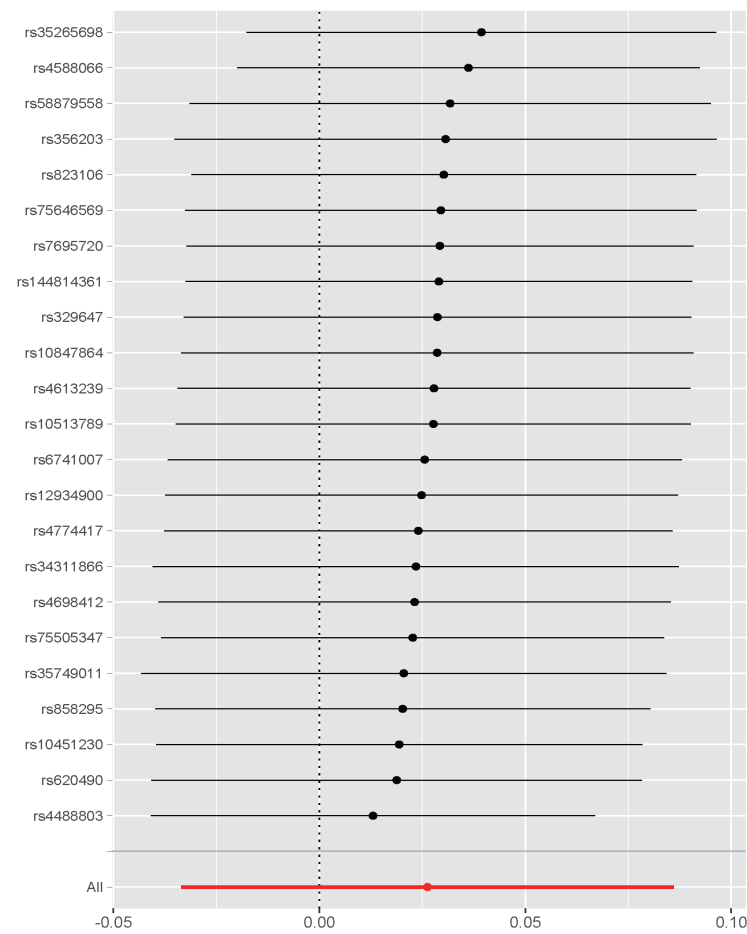


Supplementary Figure S9. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Parkinson's disease on NAFLD.

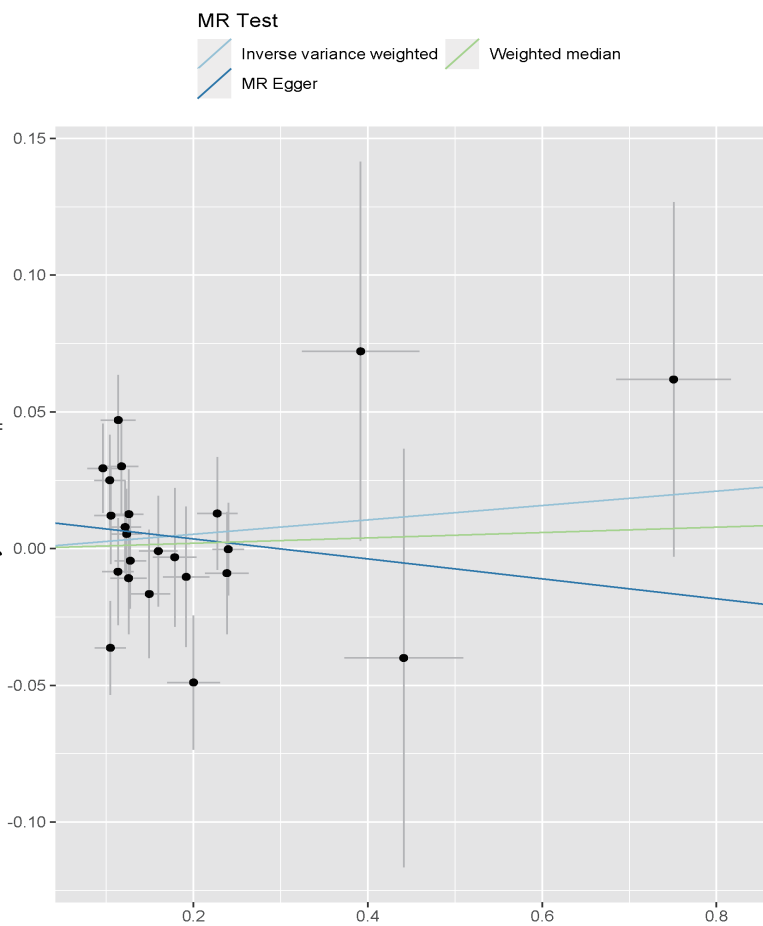
A



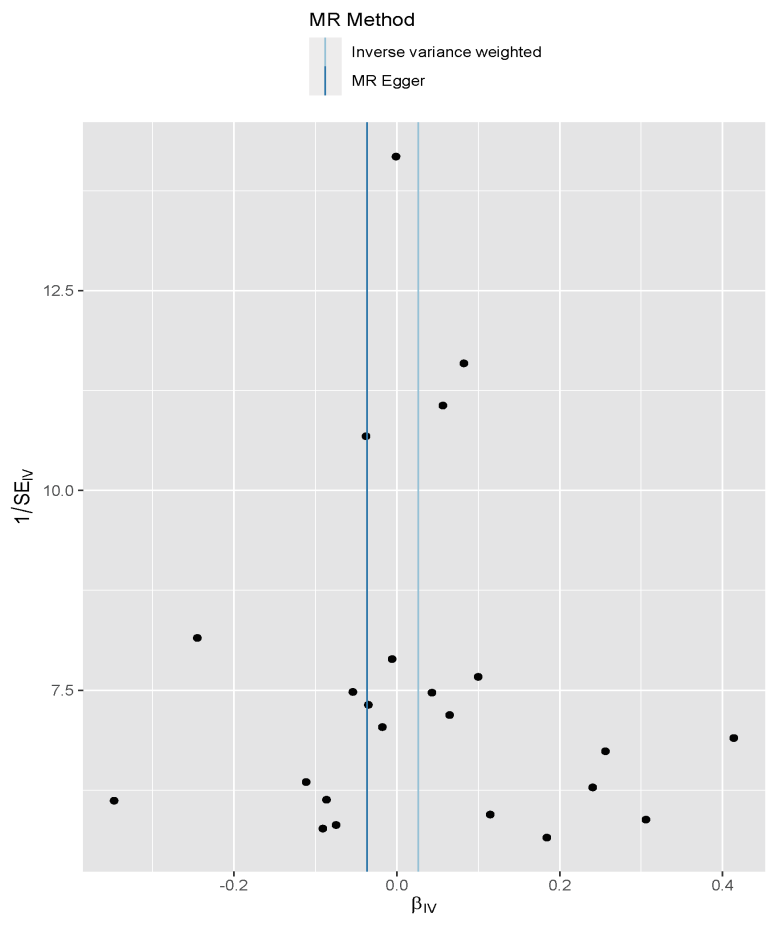
B



C

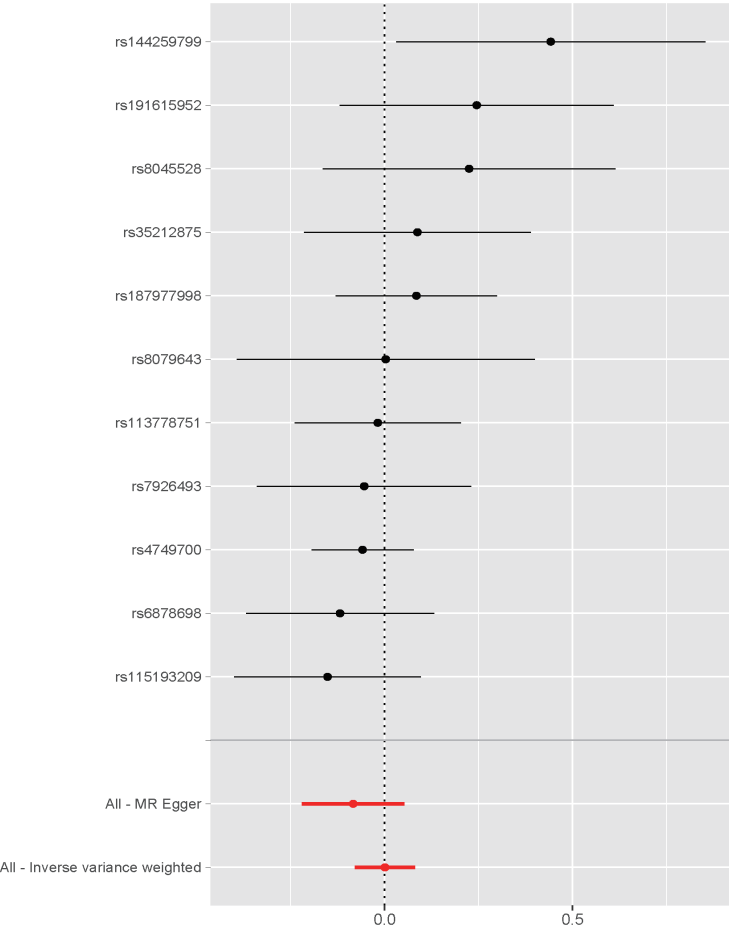


D

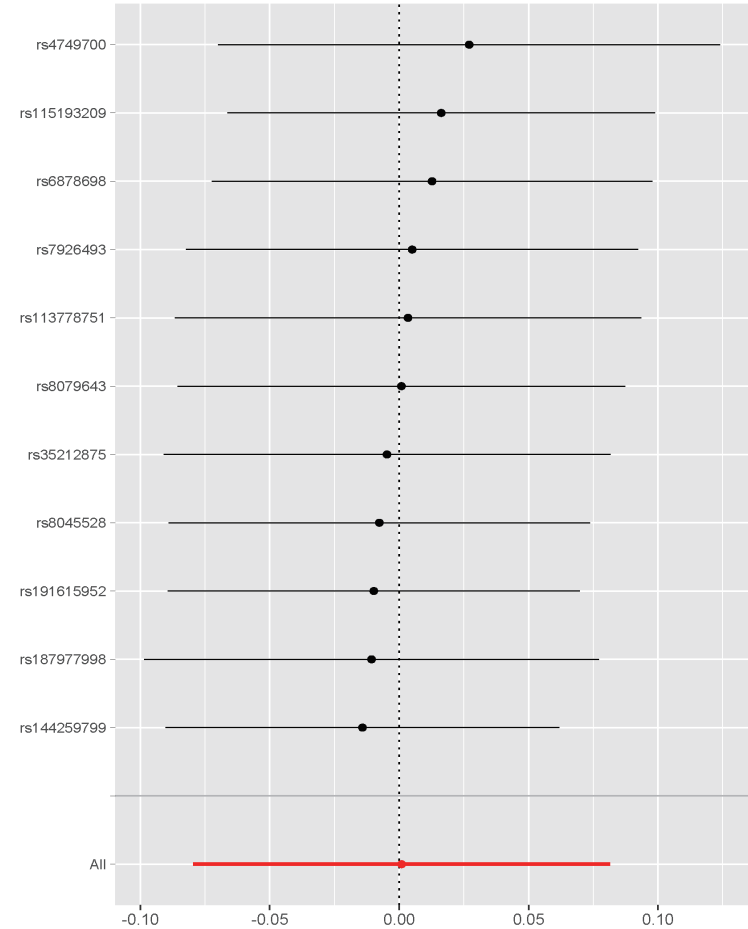


Supplementary Figure S10. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of epilepsy on NAFLD.

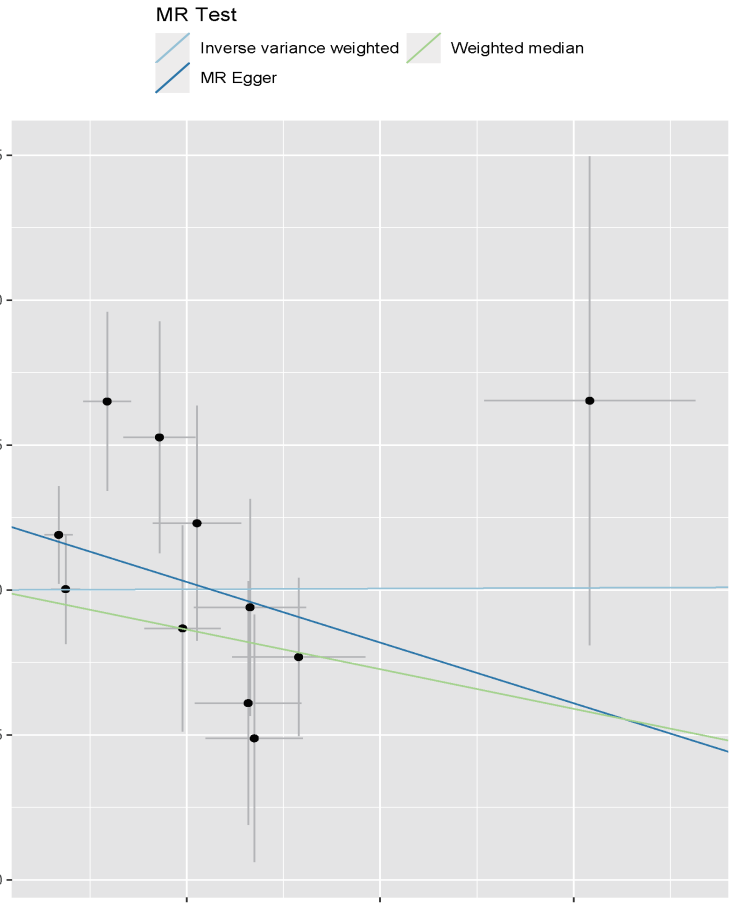
A



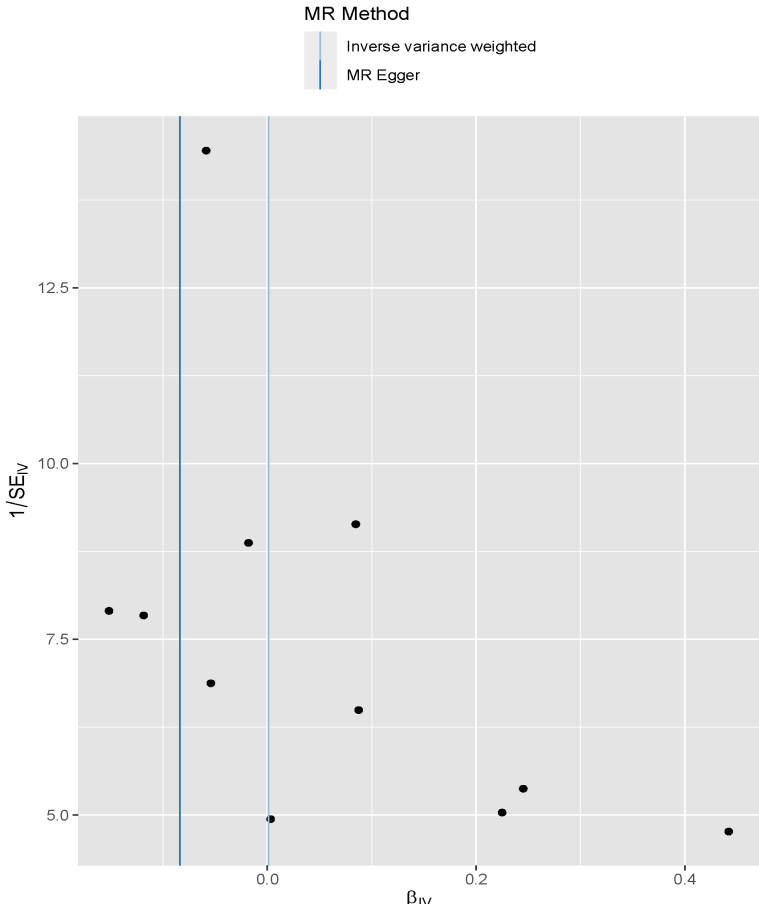
B



C

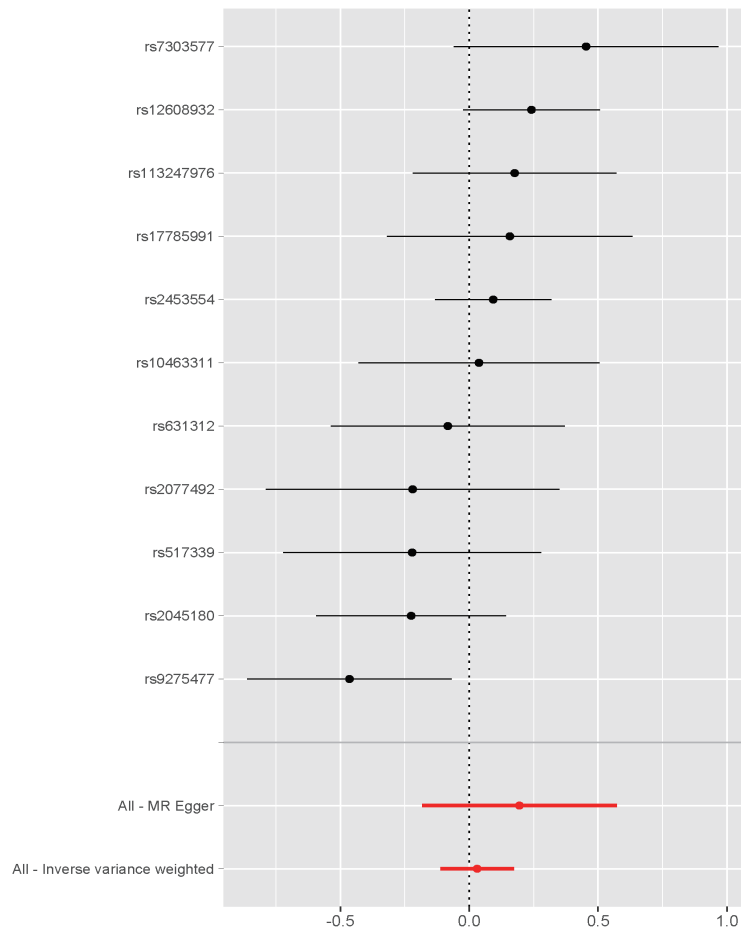


D

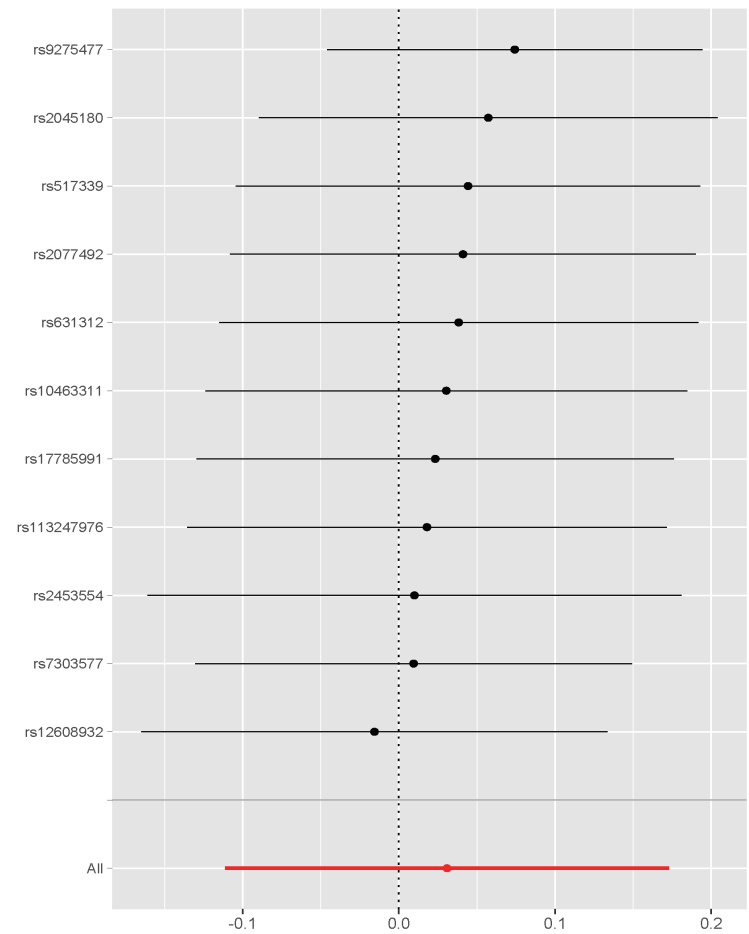


Supplementary Figure S11. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Amyotrophic lateral sclerosis on NAFLD.

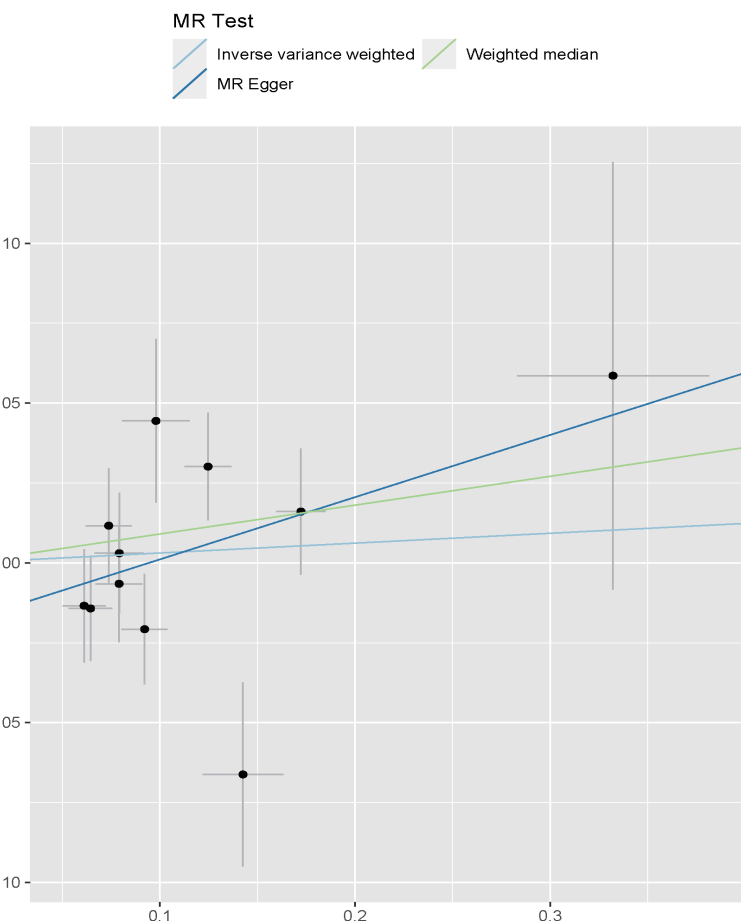
A



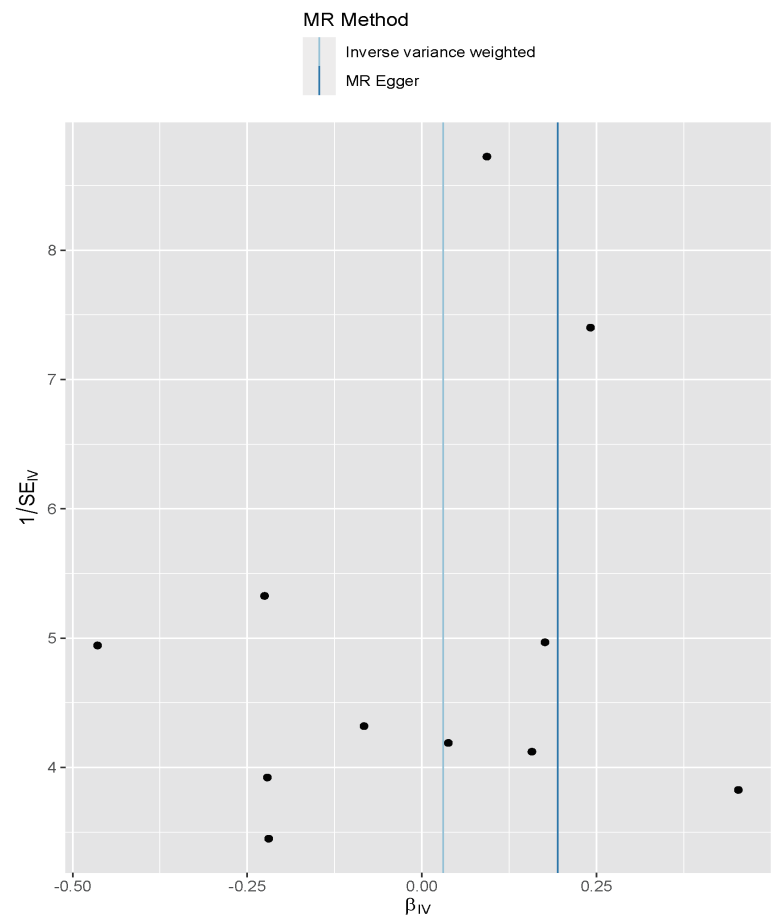
B



C

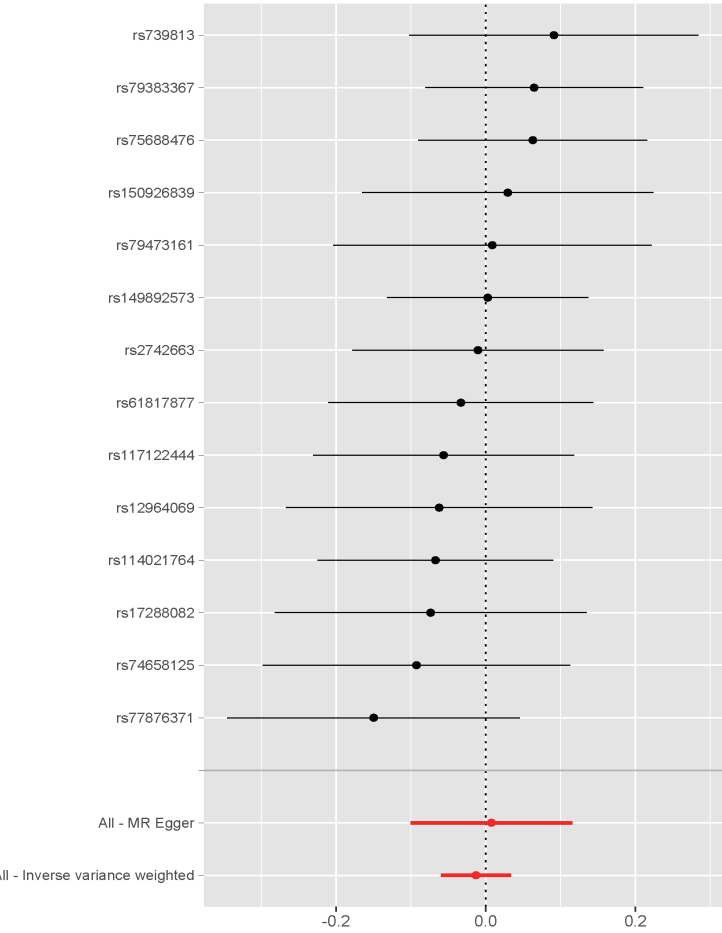


D

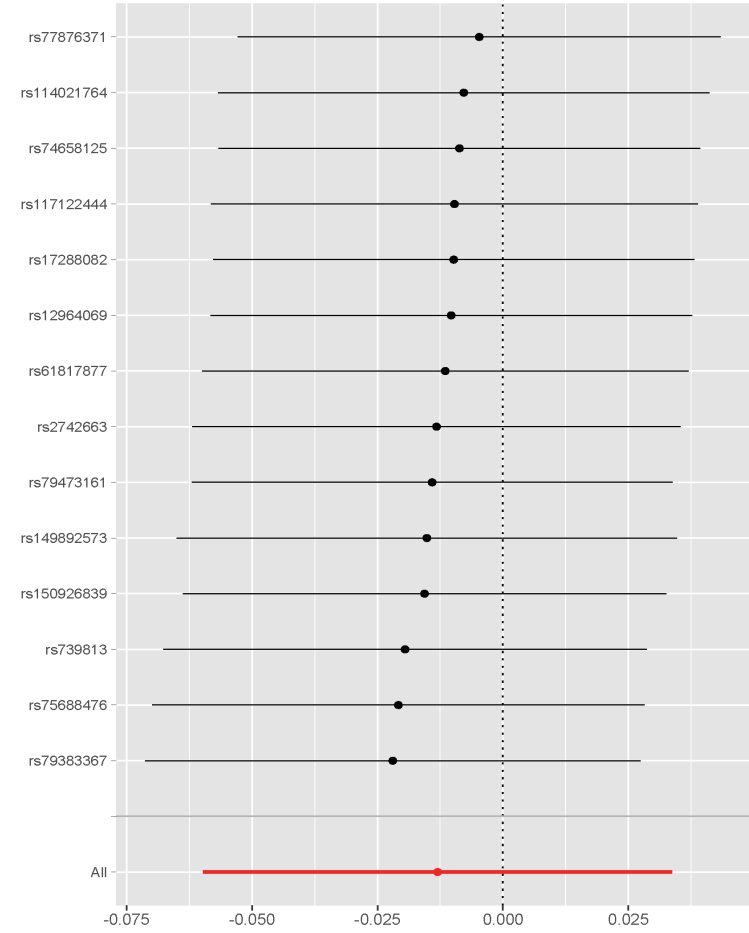


Supplementary Figure S12. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of migraines on NAFLD.

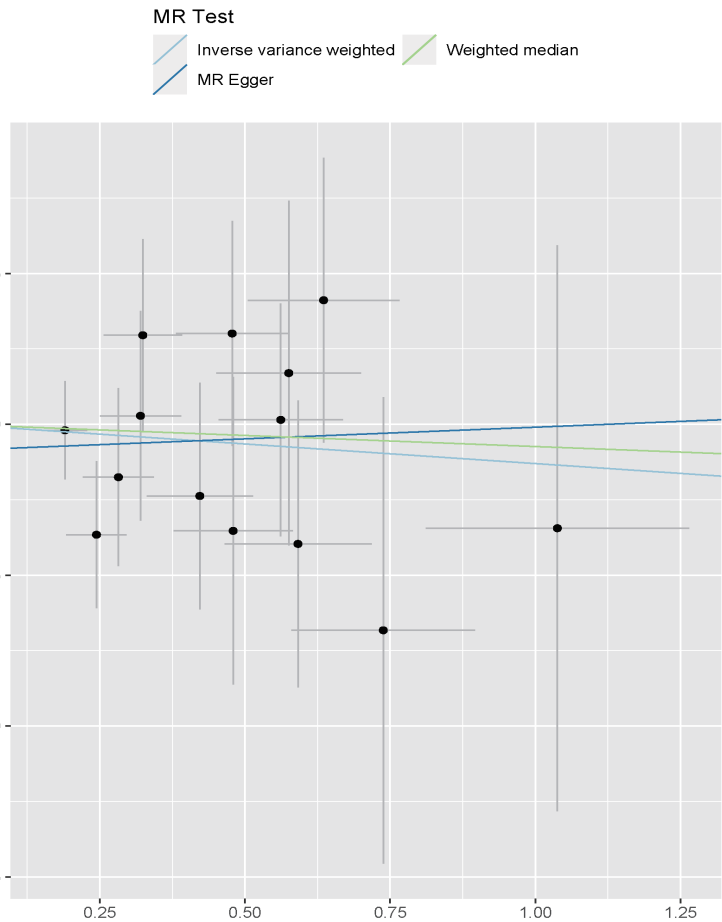
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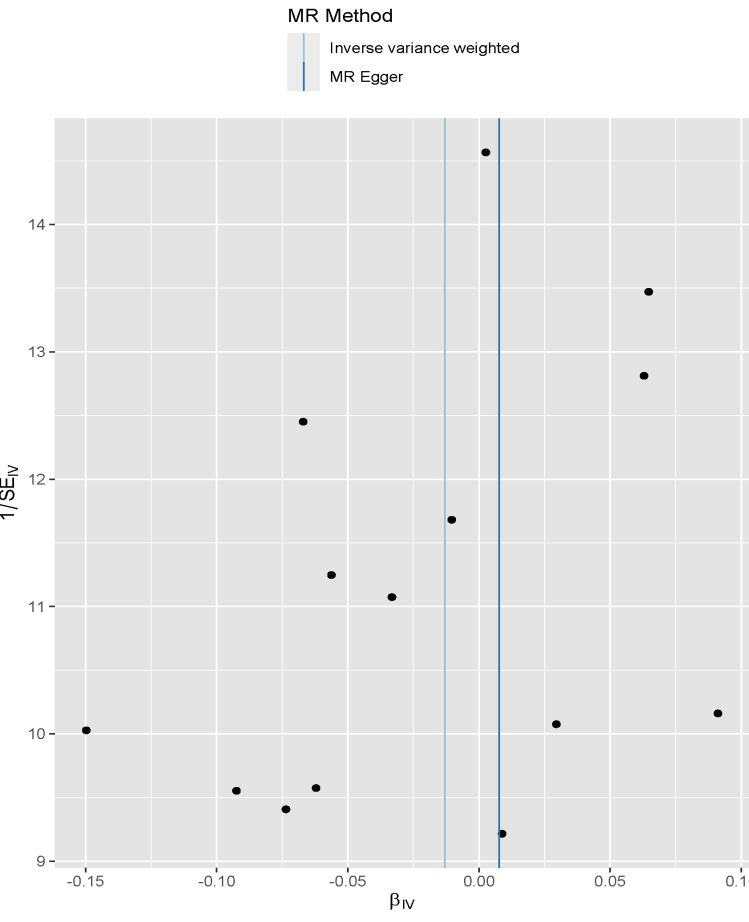
B



C



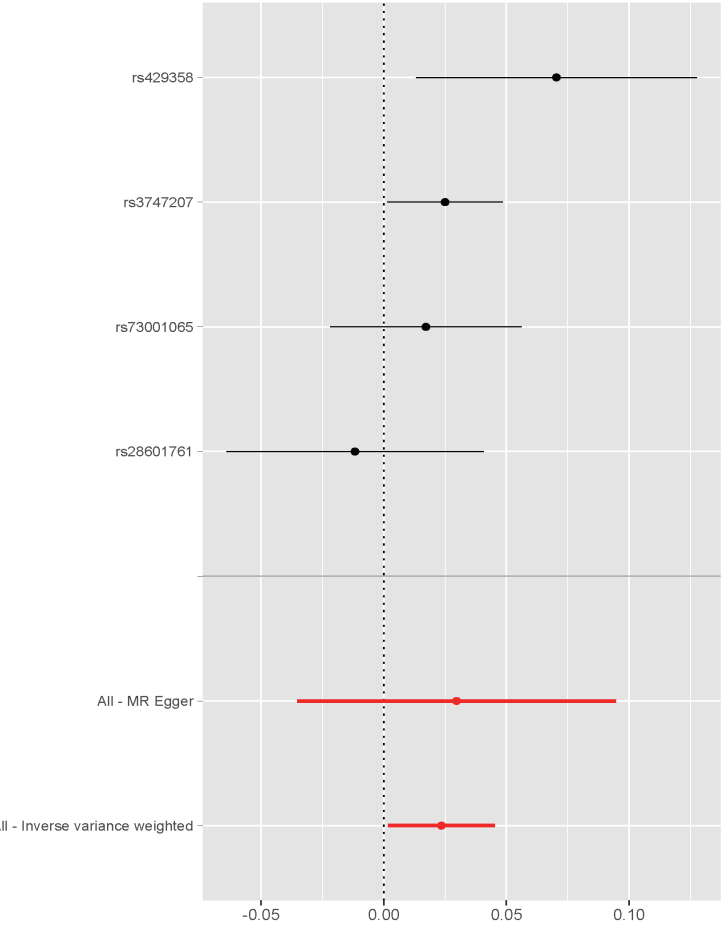
D



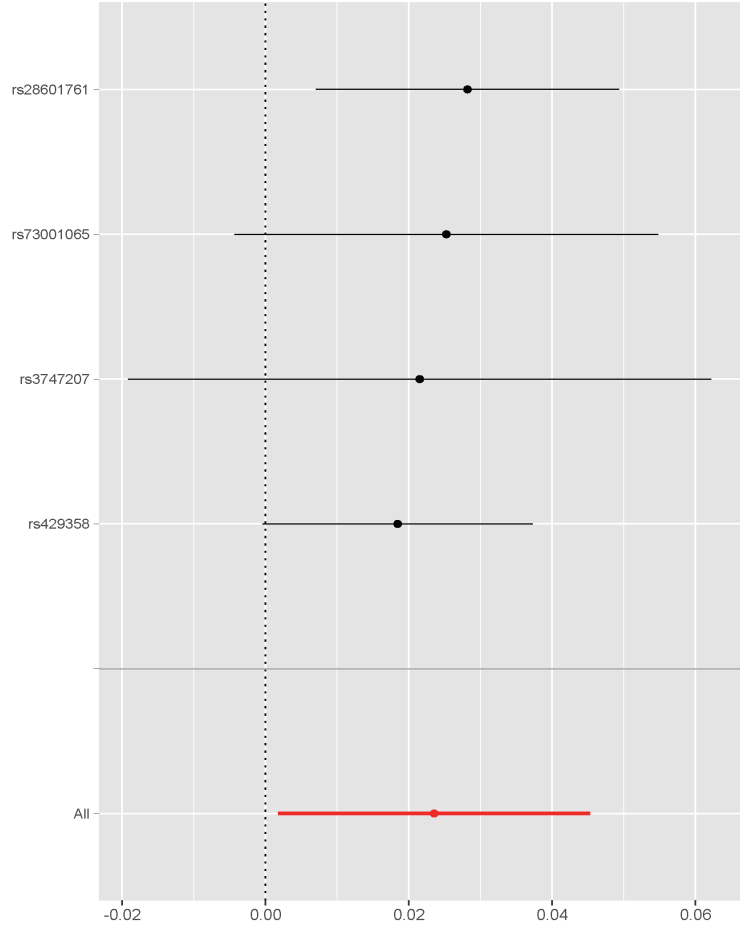


Supplementary Figure S13. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on anxiety.

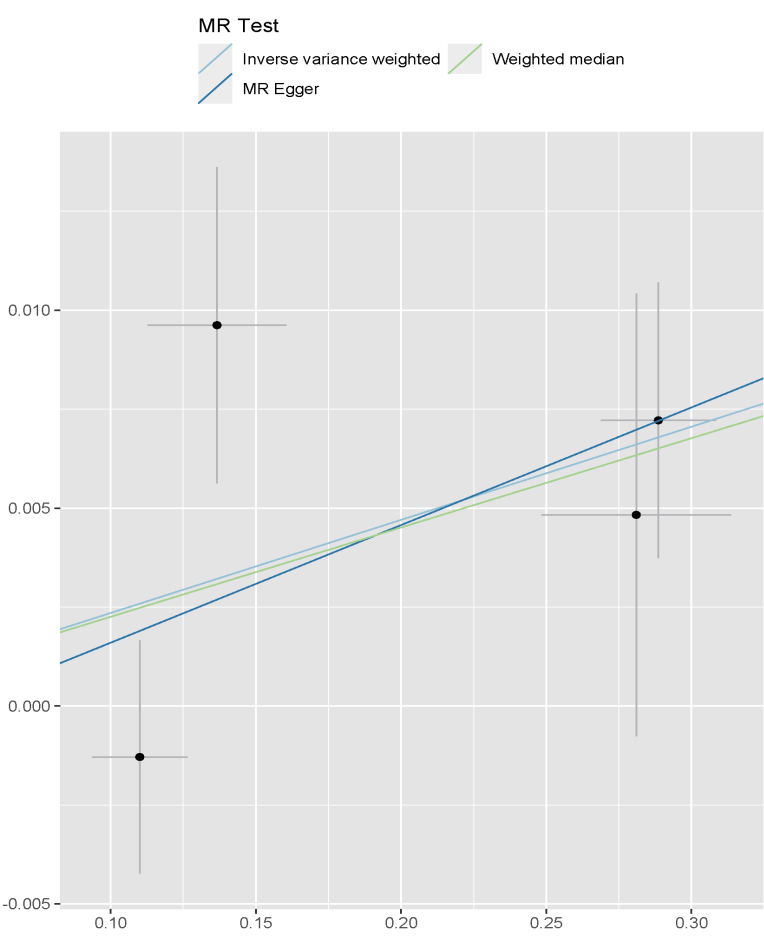
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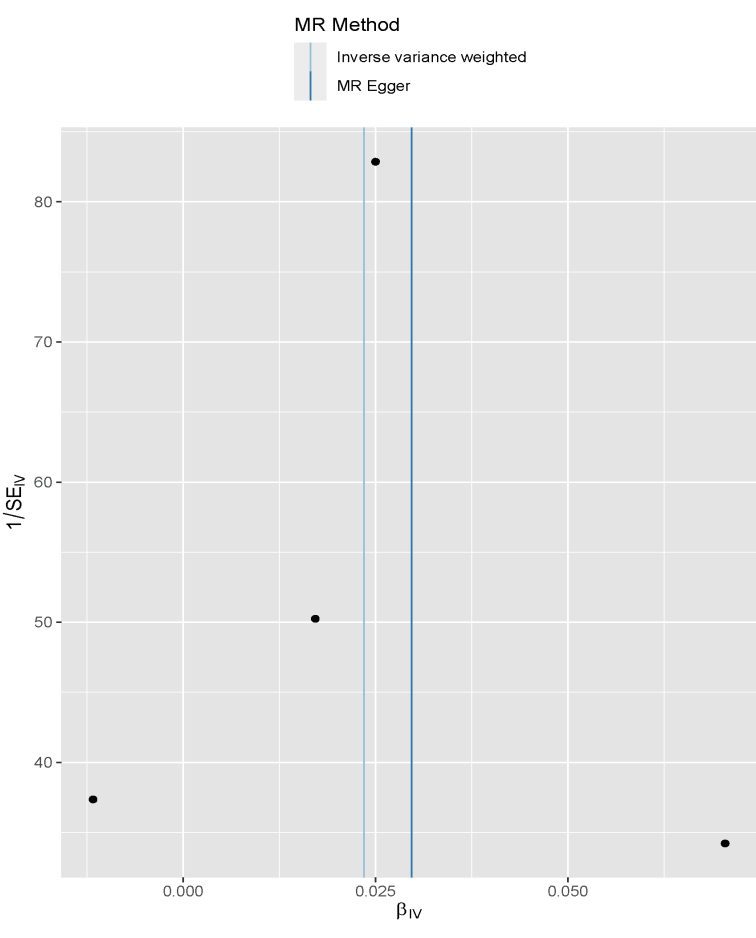
B



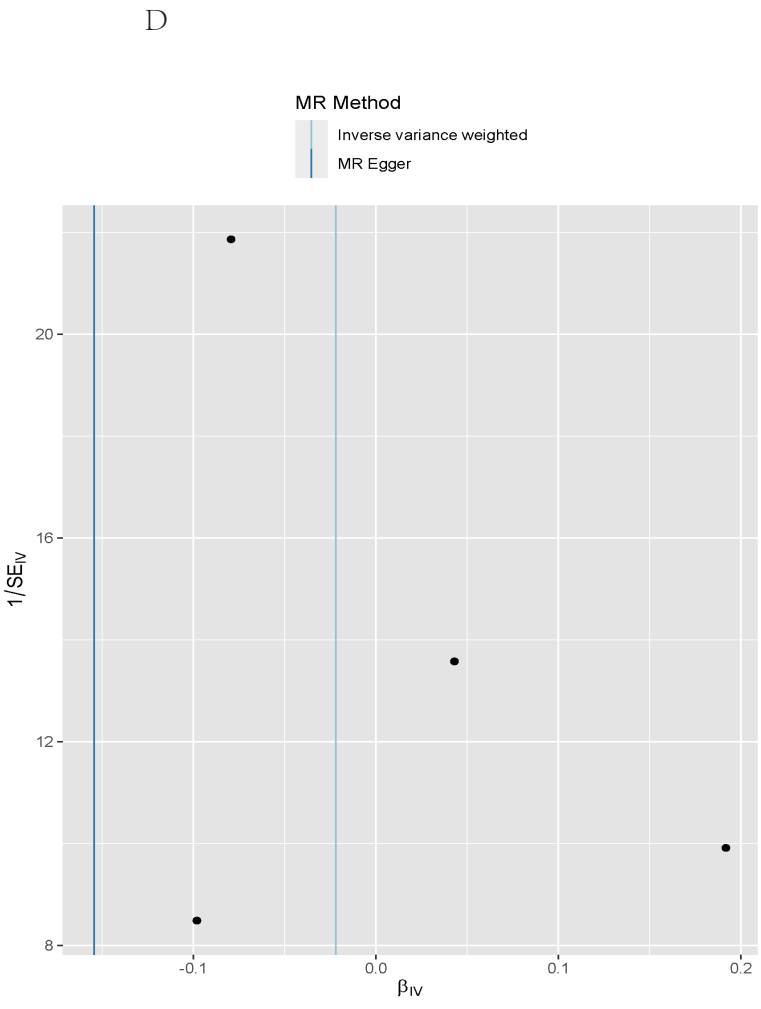
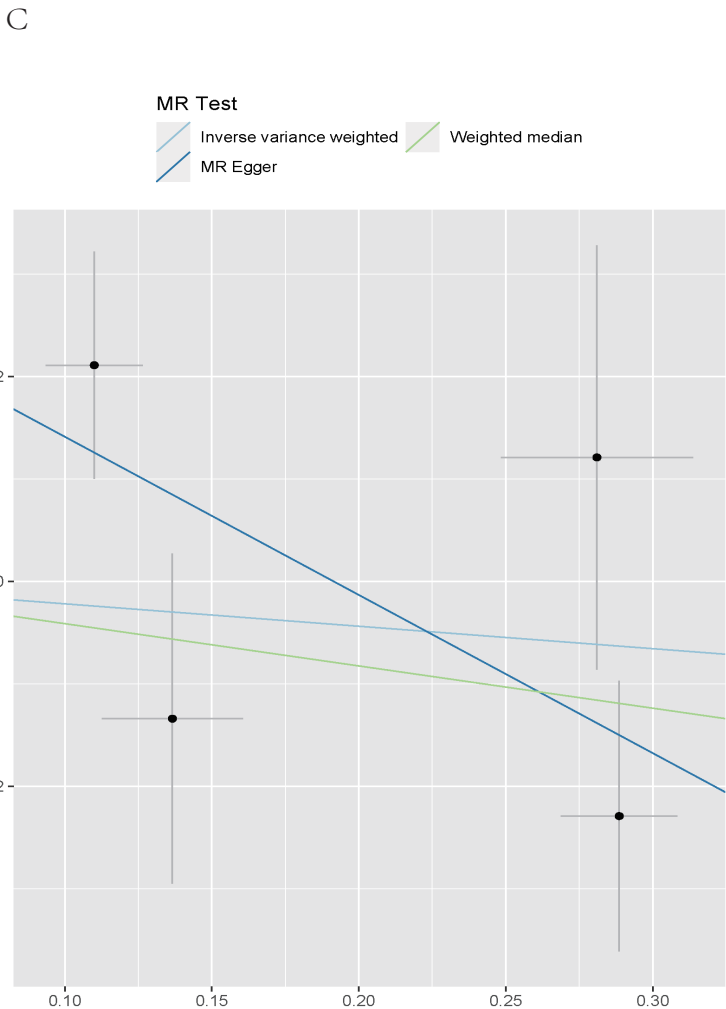
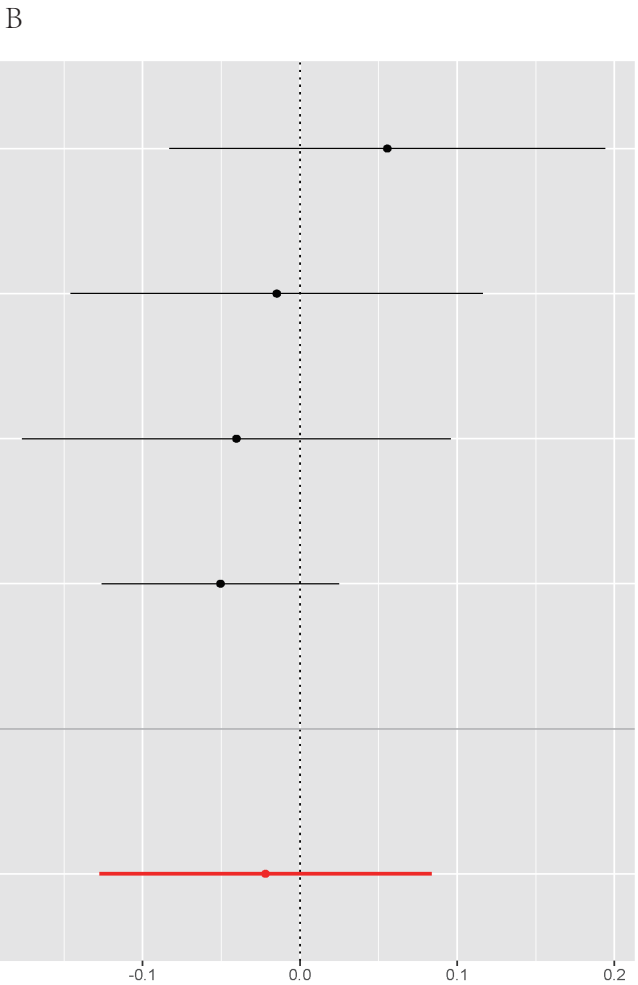
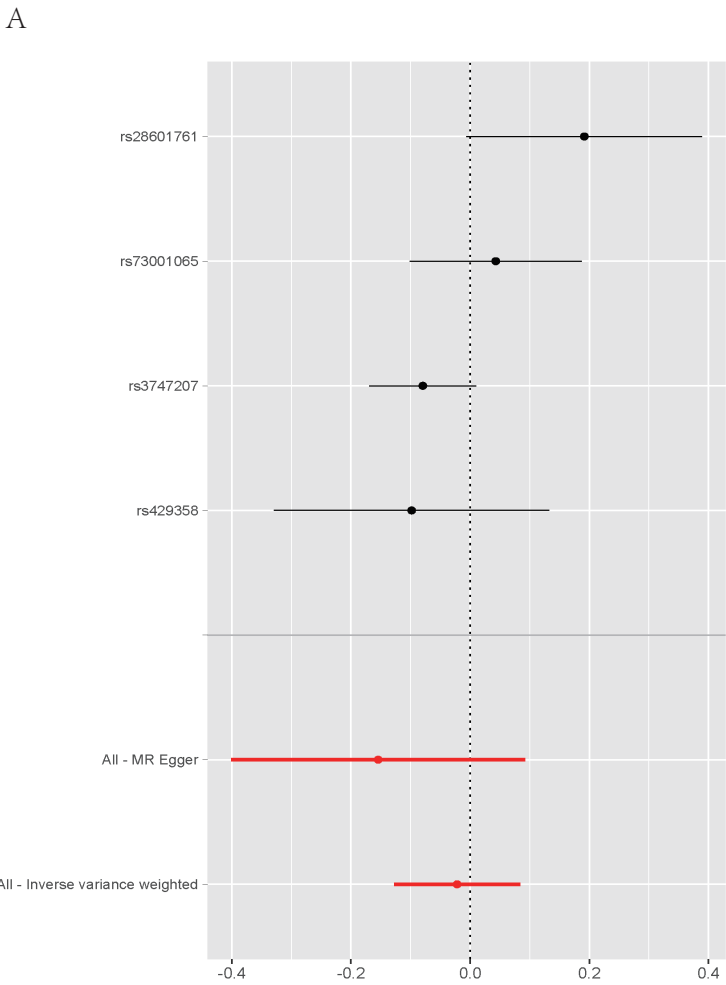
C



D

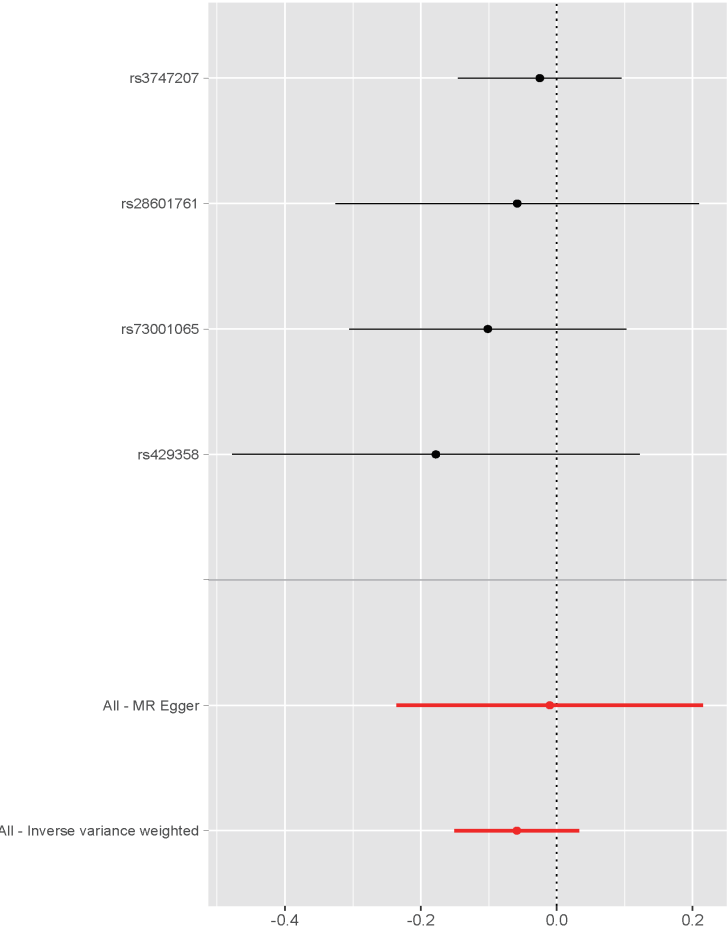


Supplementary Figure S14. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on schizophrenia.

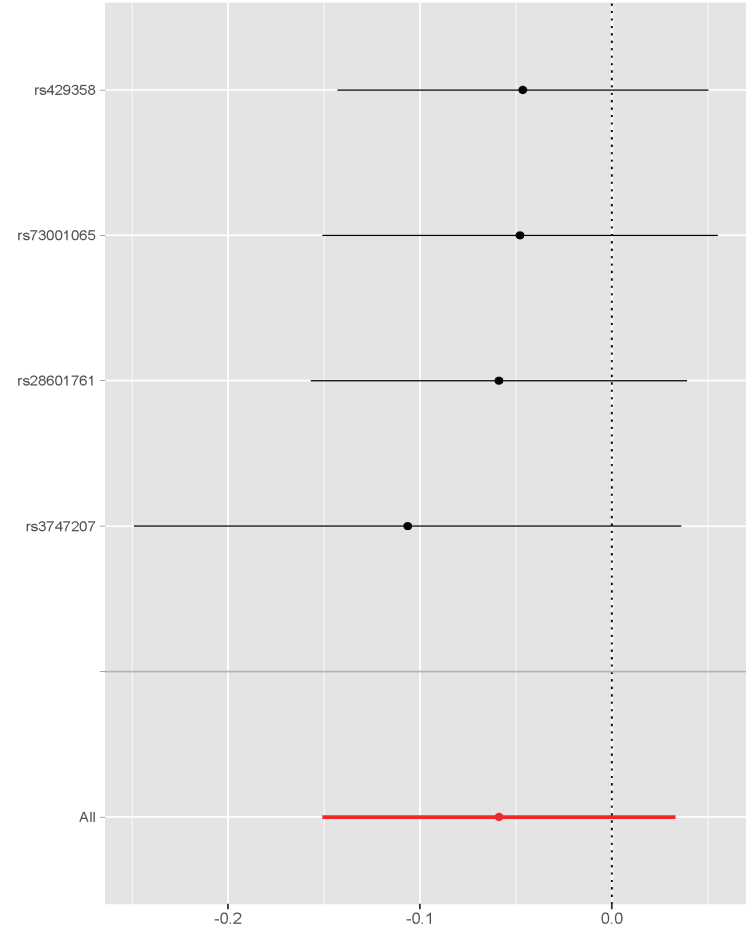


Supplementary Figure S15. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Post-traumatic stress disorder.

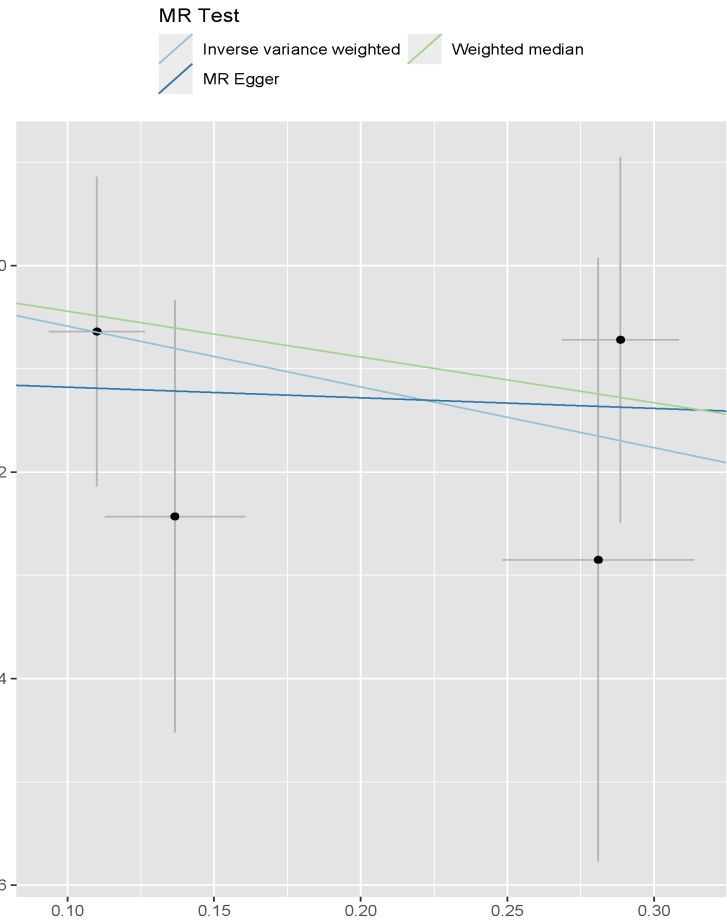
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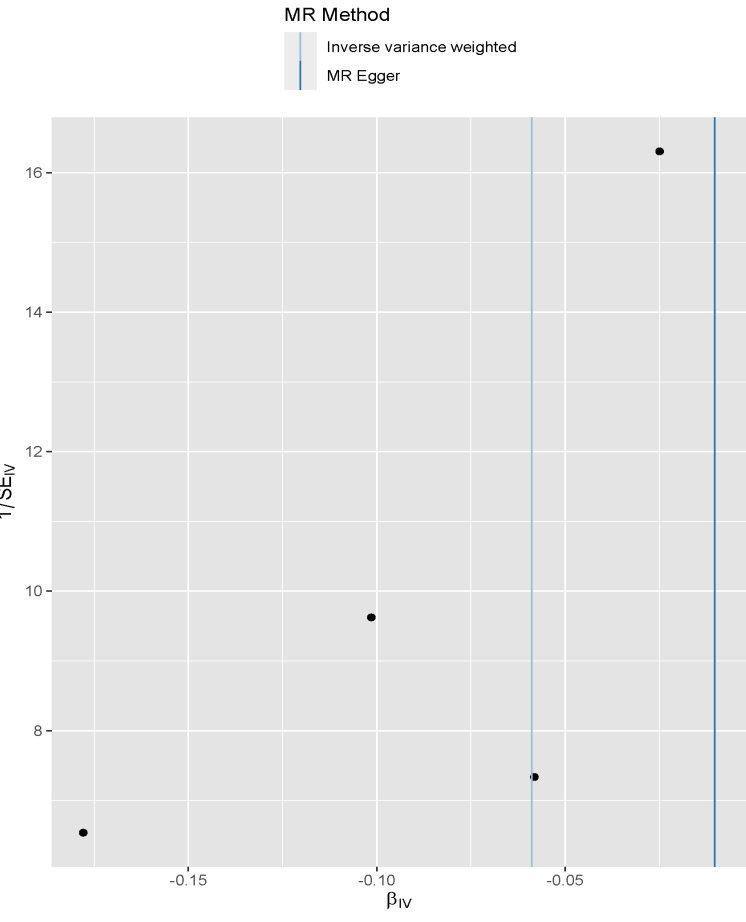
B



C

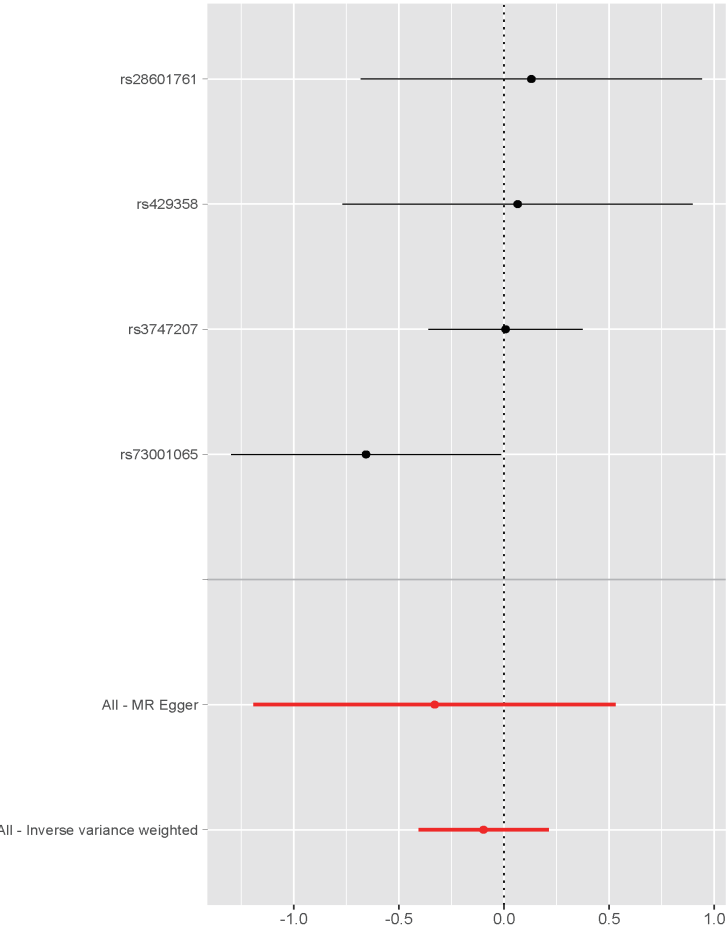


D

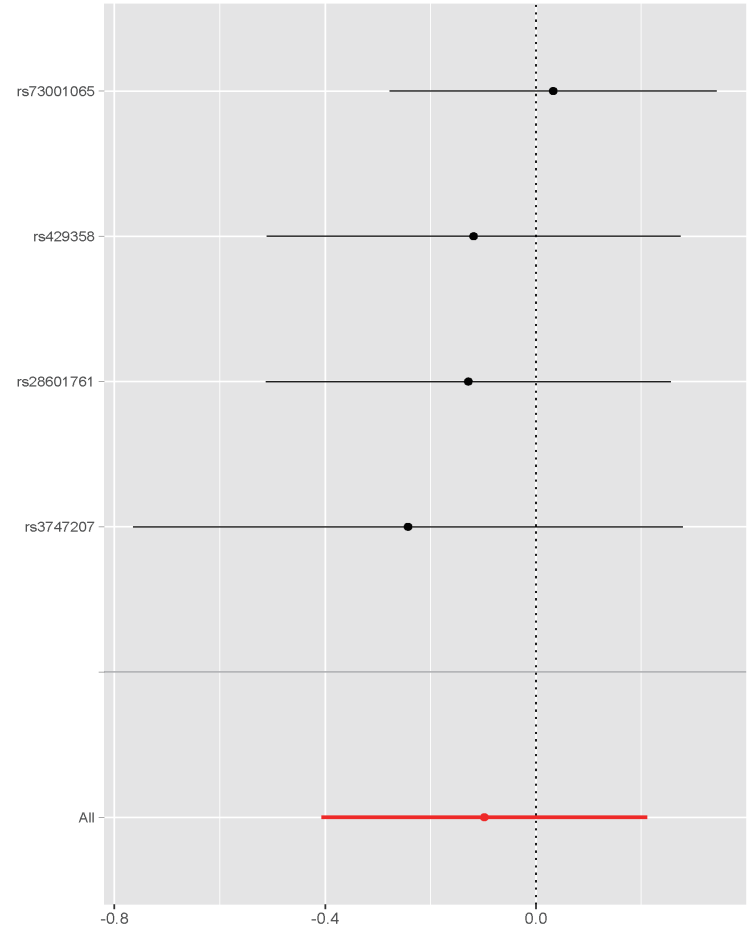


Supplementary Figure S16. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Obsessive-compulsive disorder.

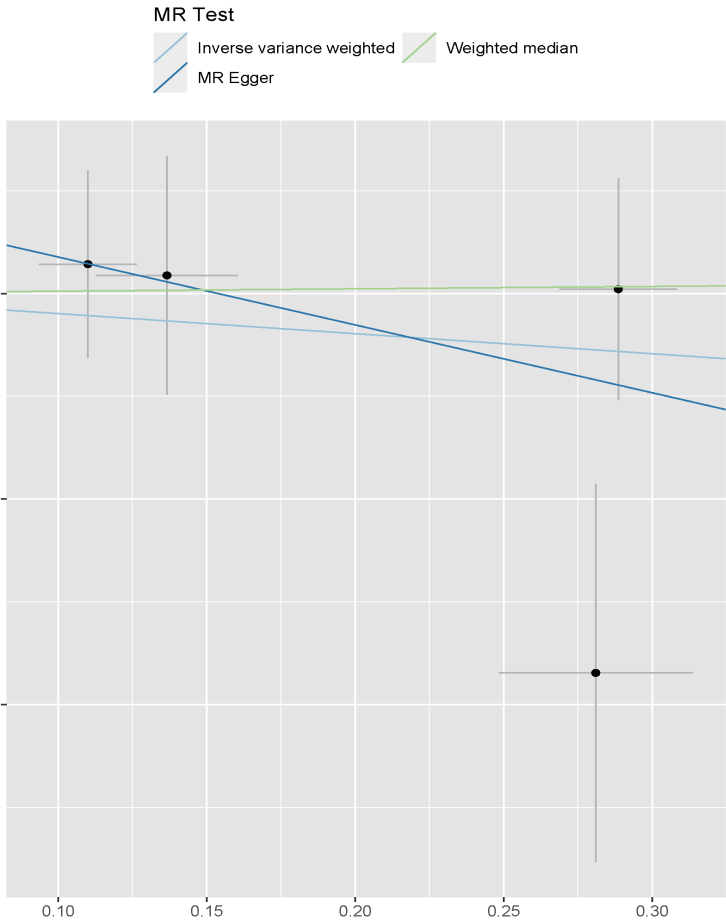
A



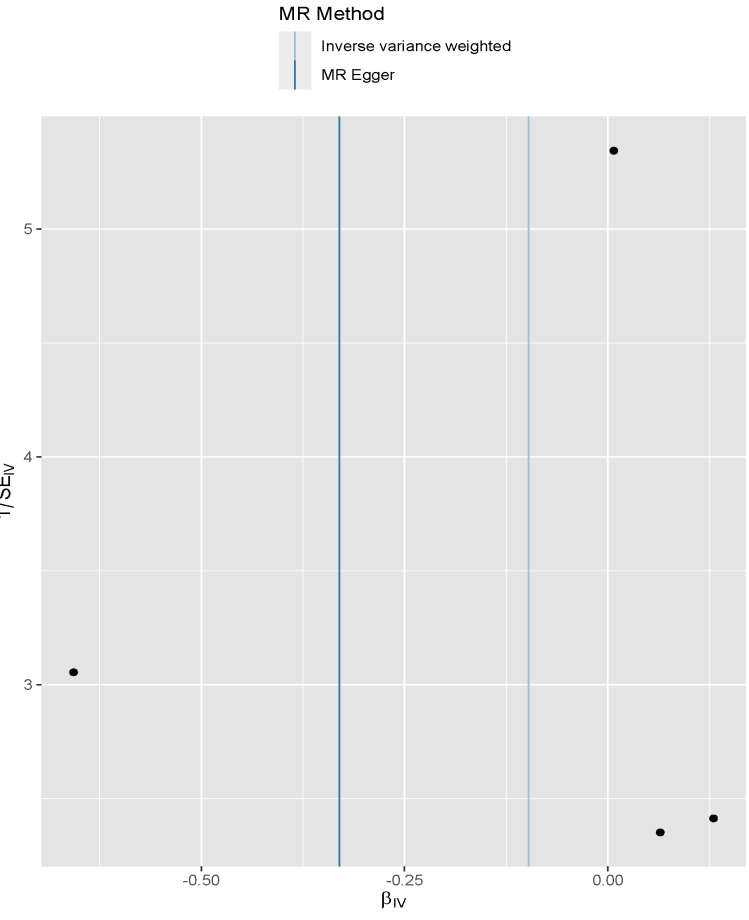
B



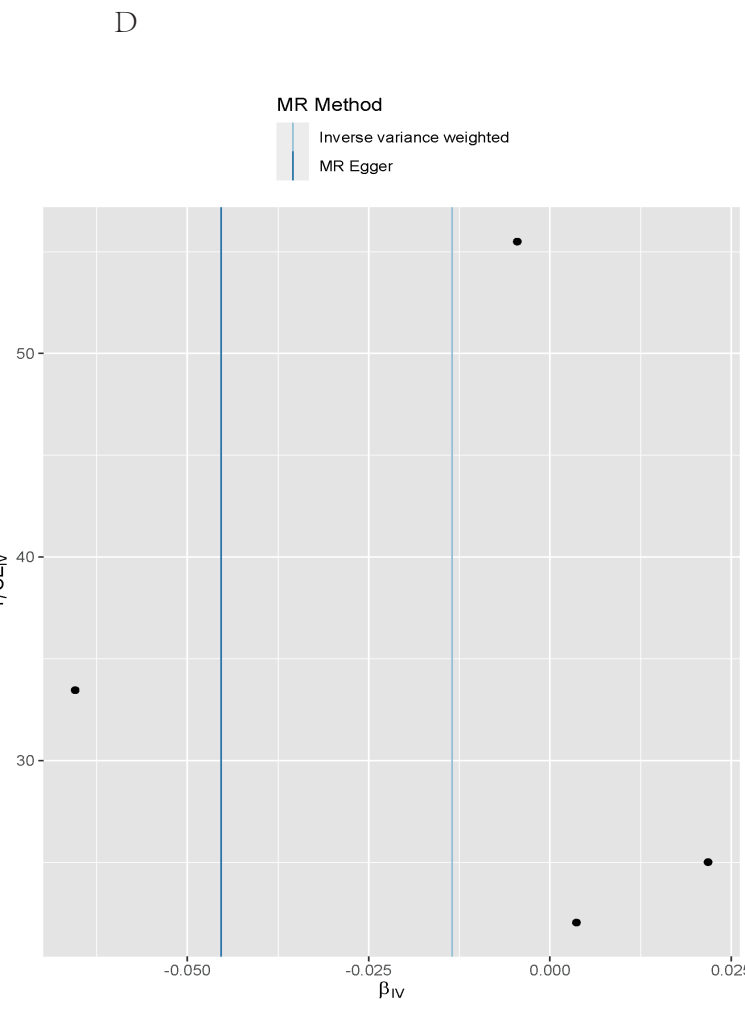
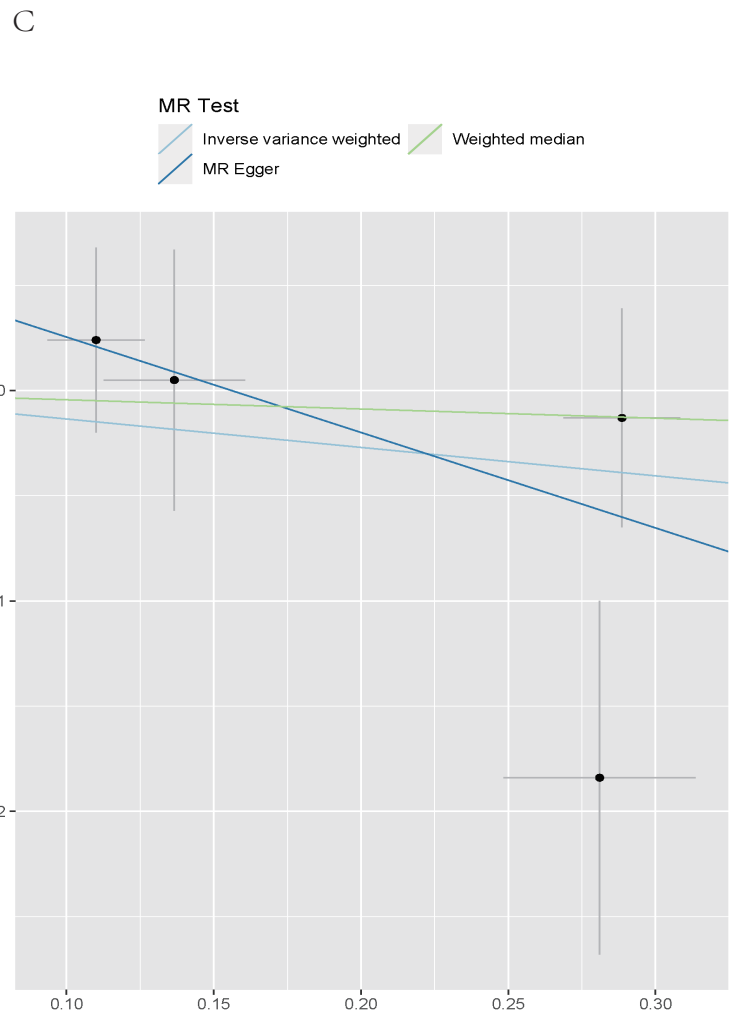
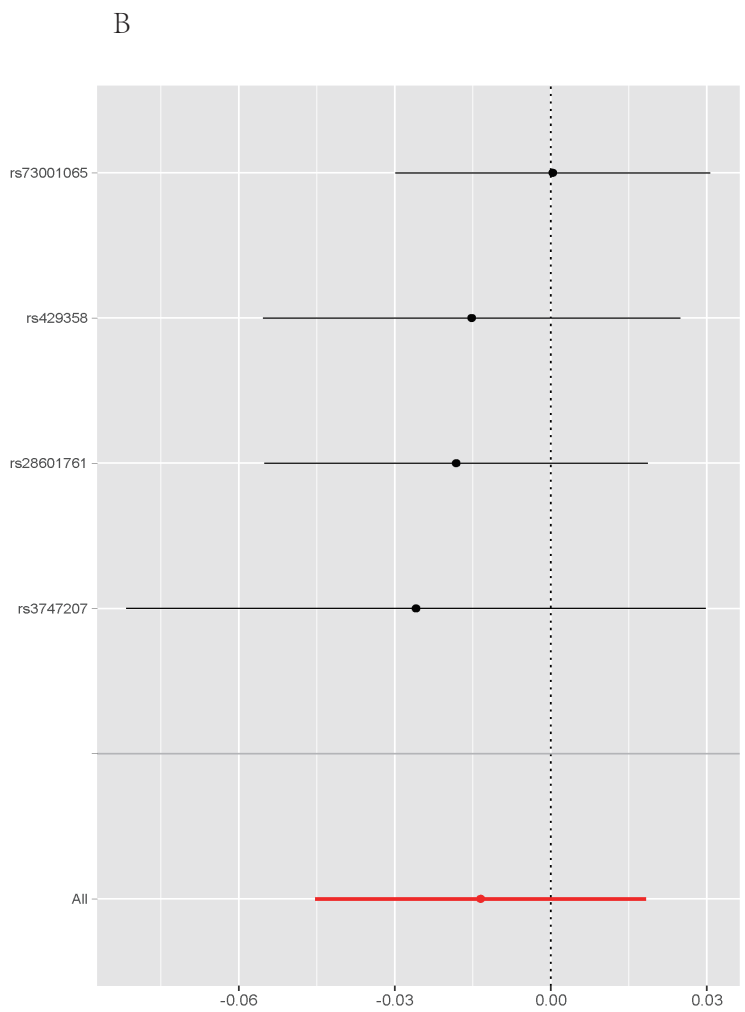
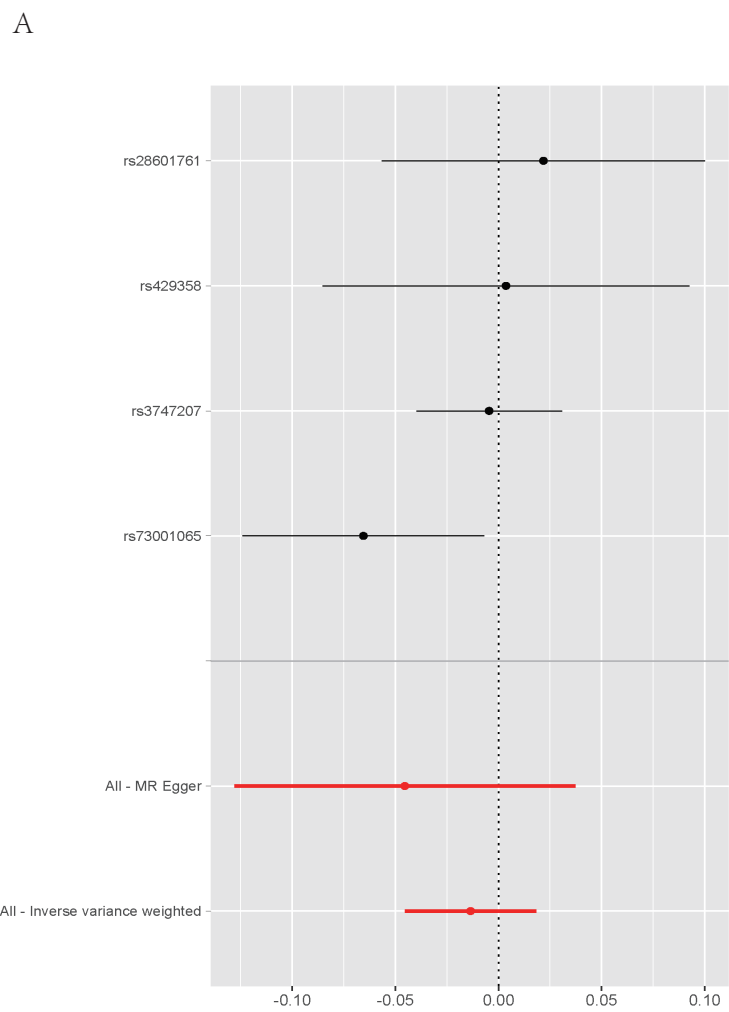
C



D

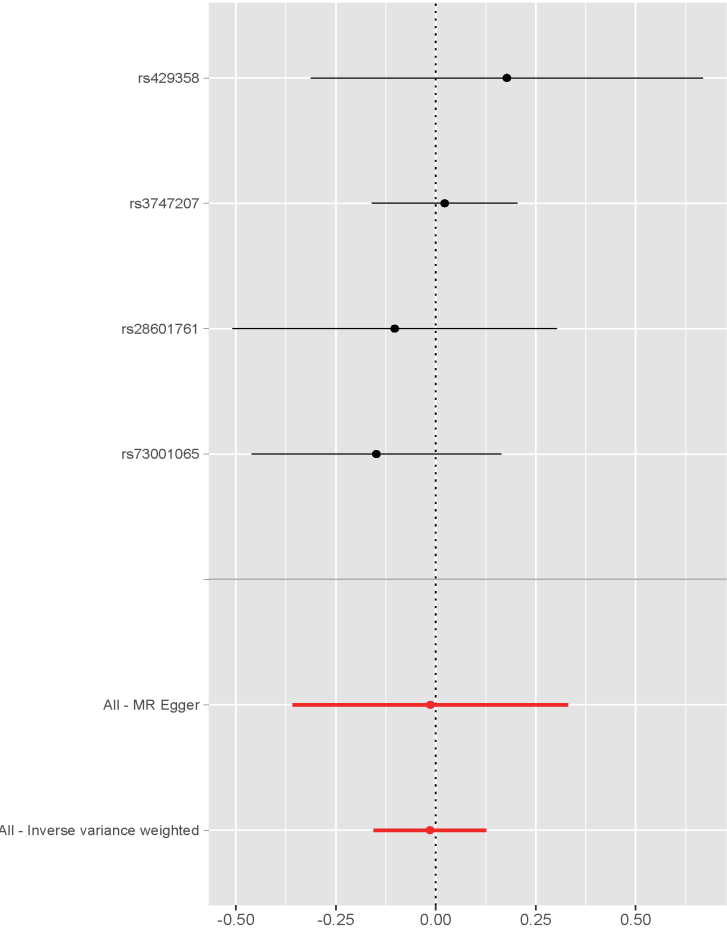


Supplementary Figure S17. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Major Depressive Disorder.

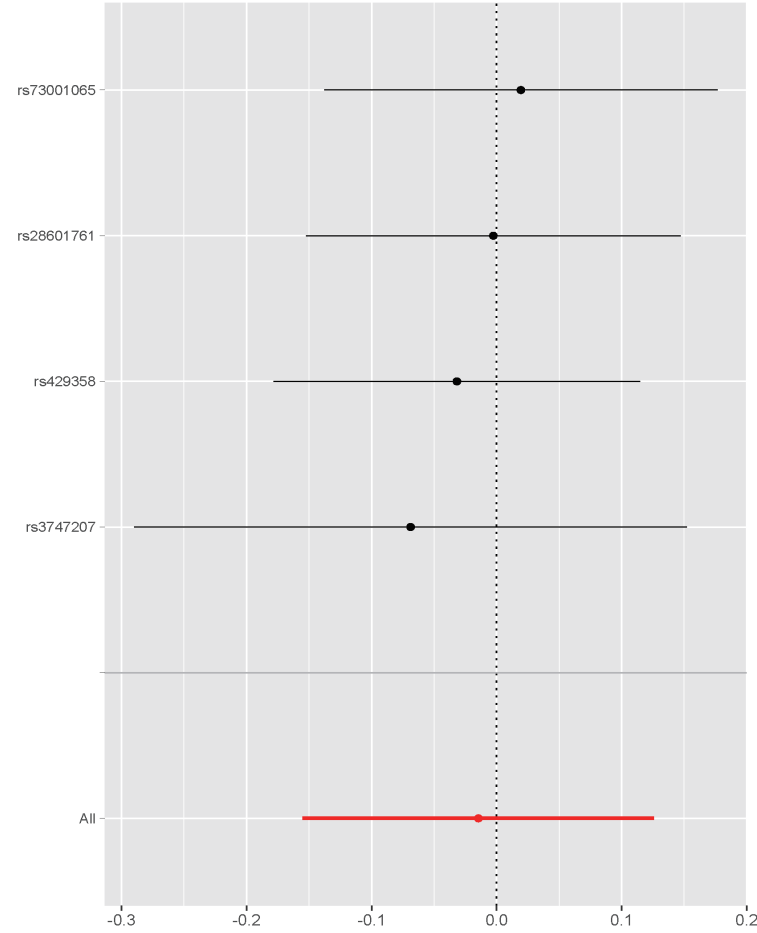


Supplementary Figure S18. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Bipolar disorder.

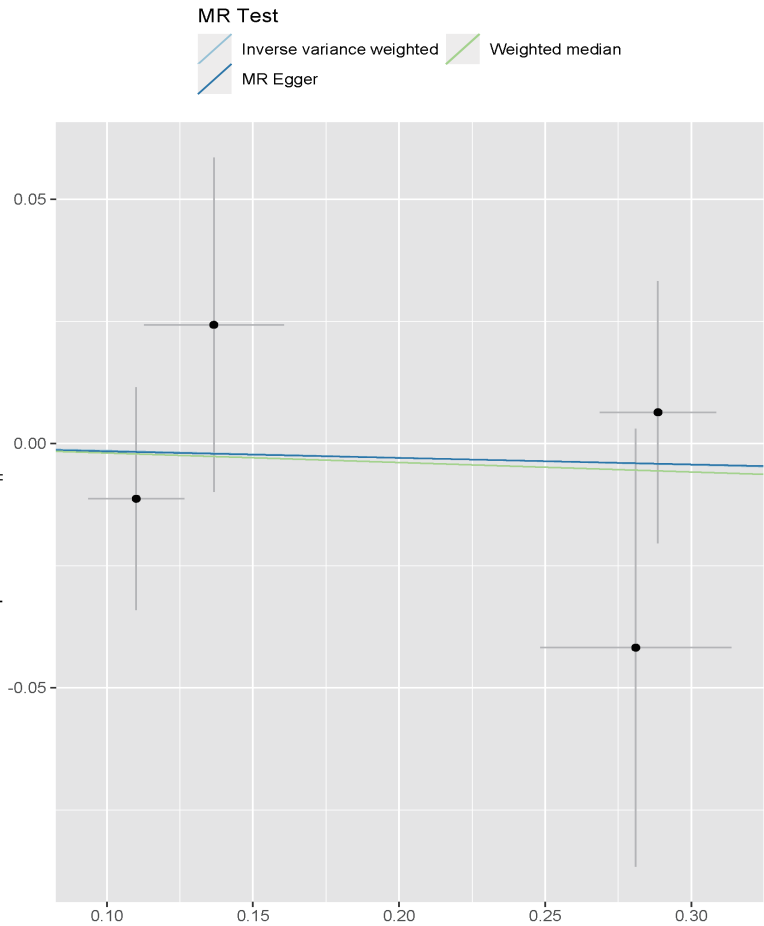
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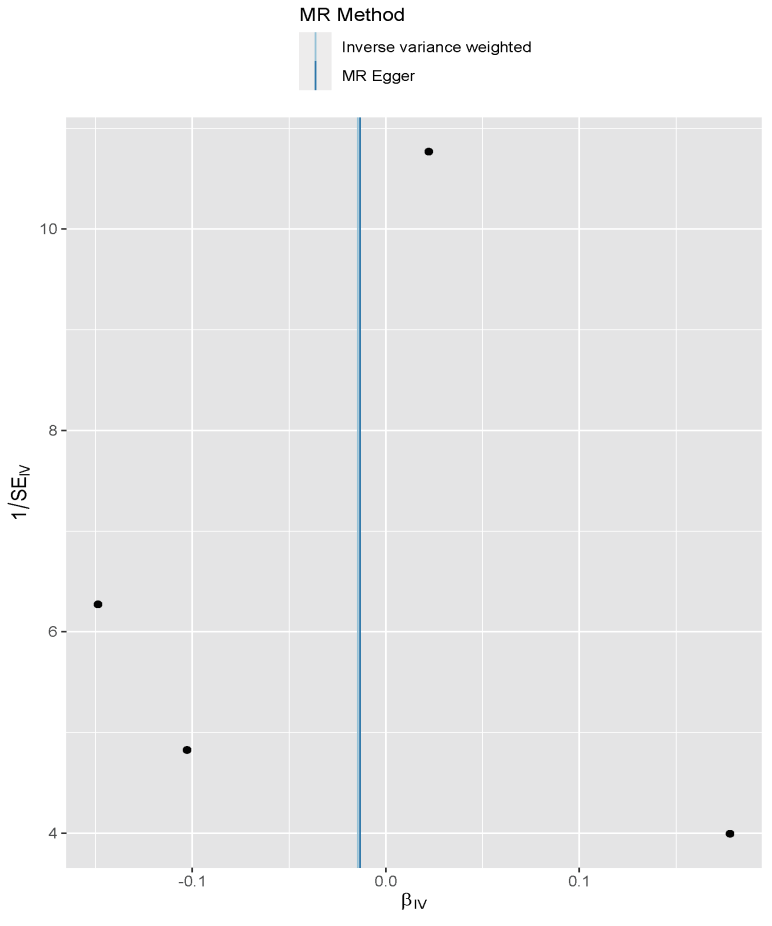
B



C

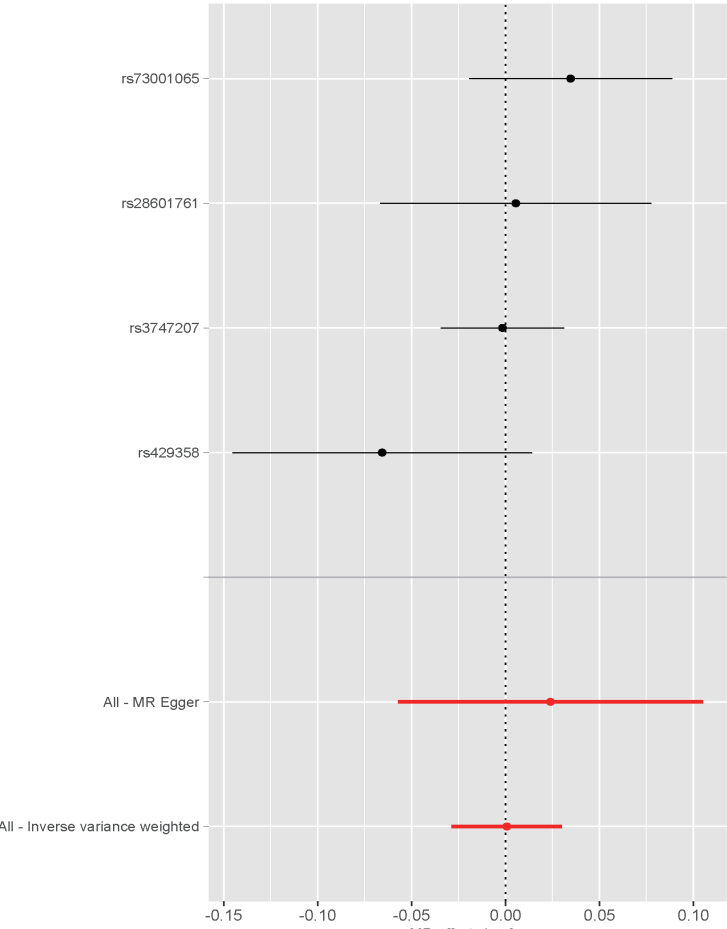


D

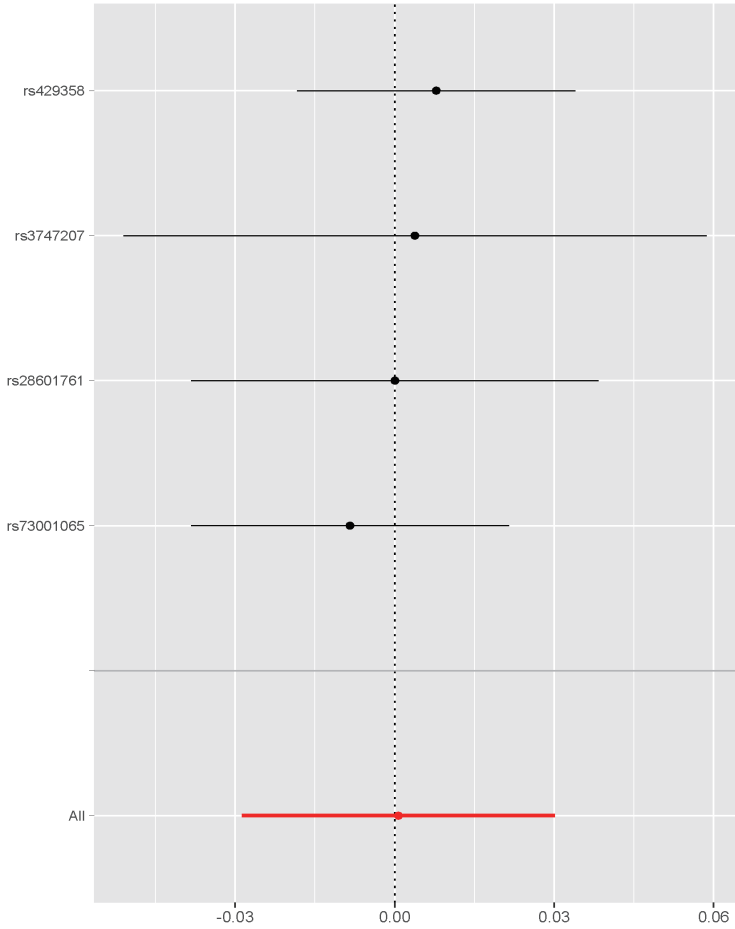


Supplementary Figure S19. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on mania.

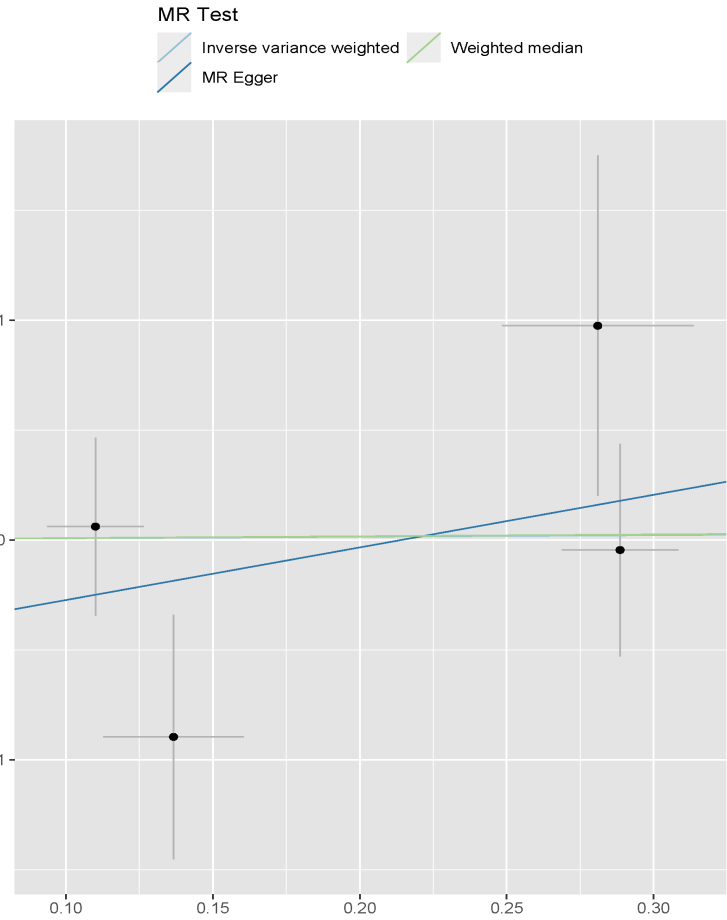
A



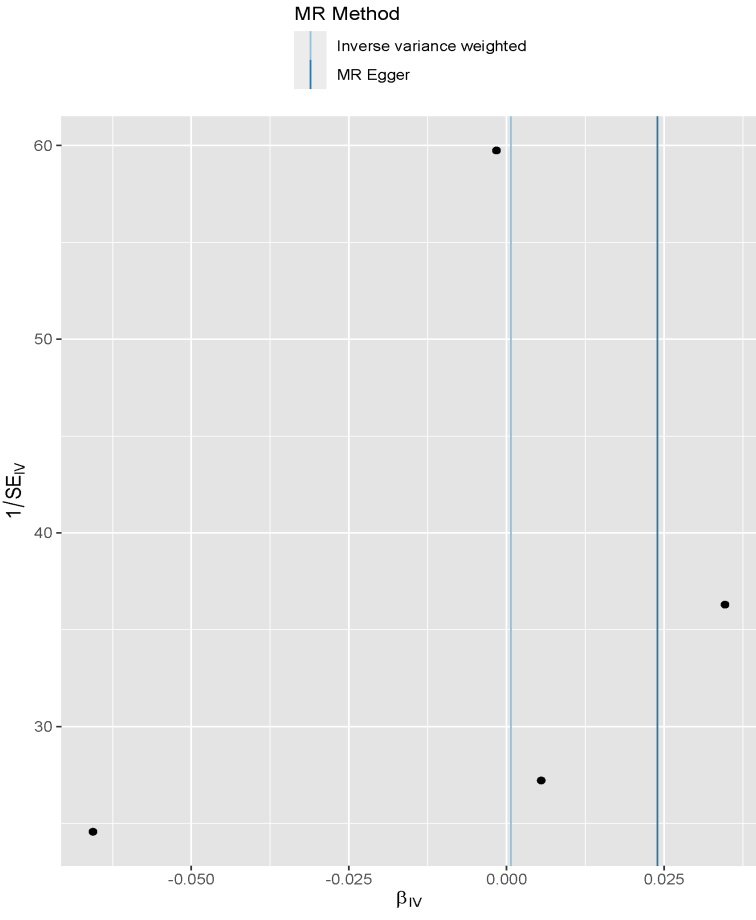
B



C

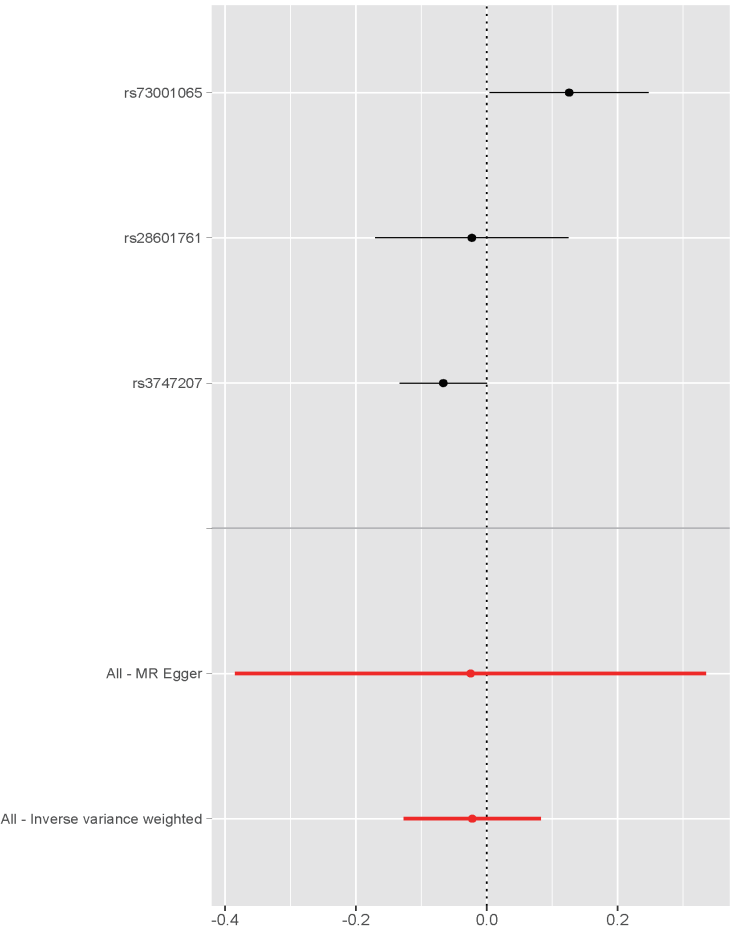


D

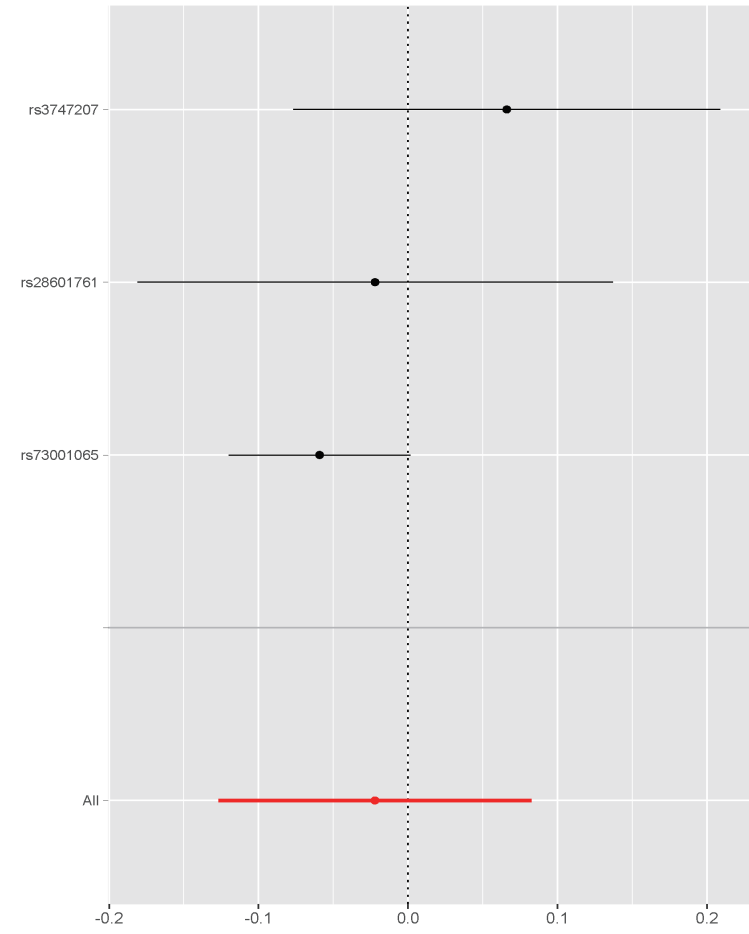


Supplementary Figure S20. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Alzheimer's disease.

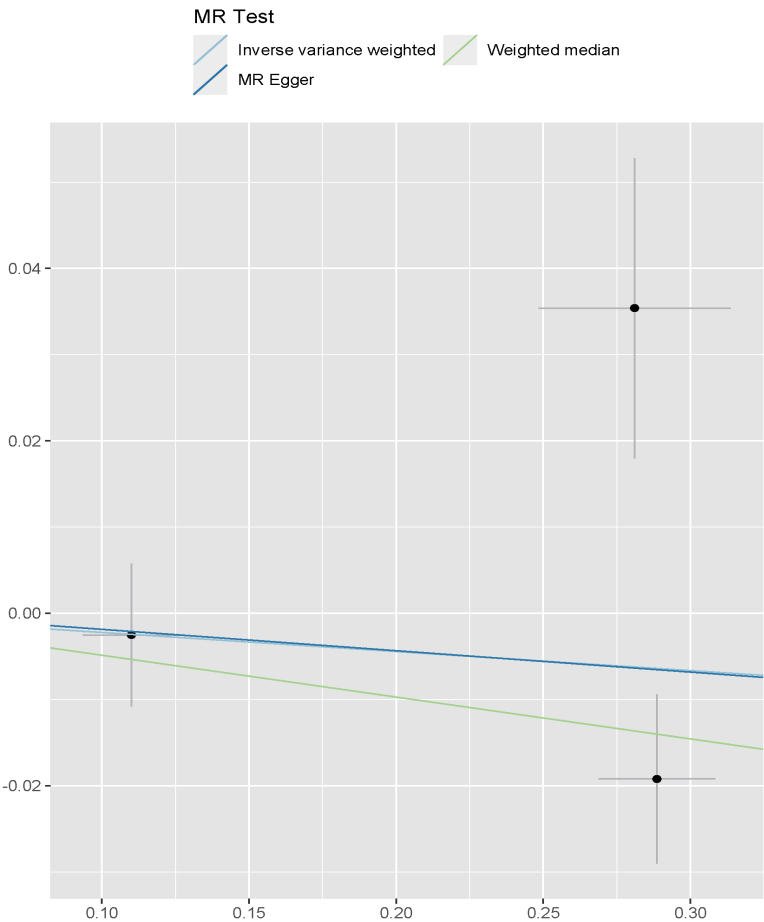
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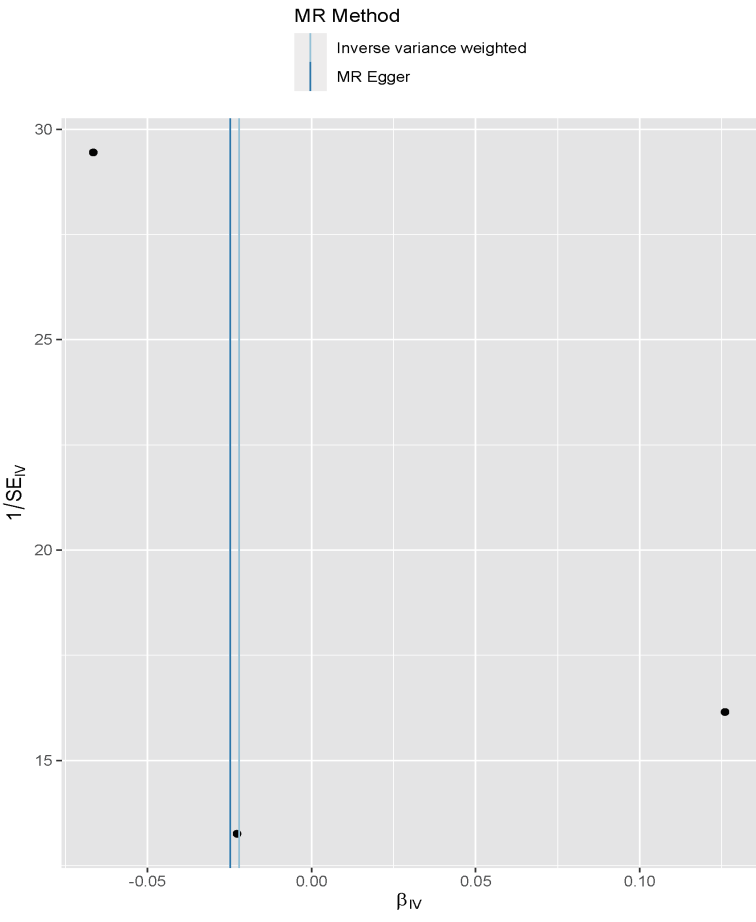
B



C



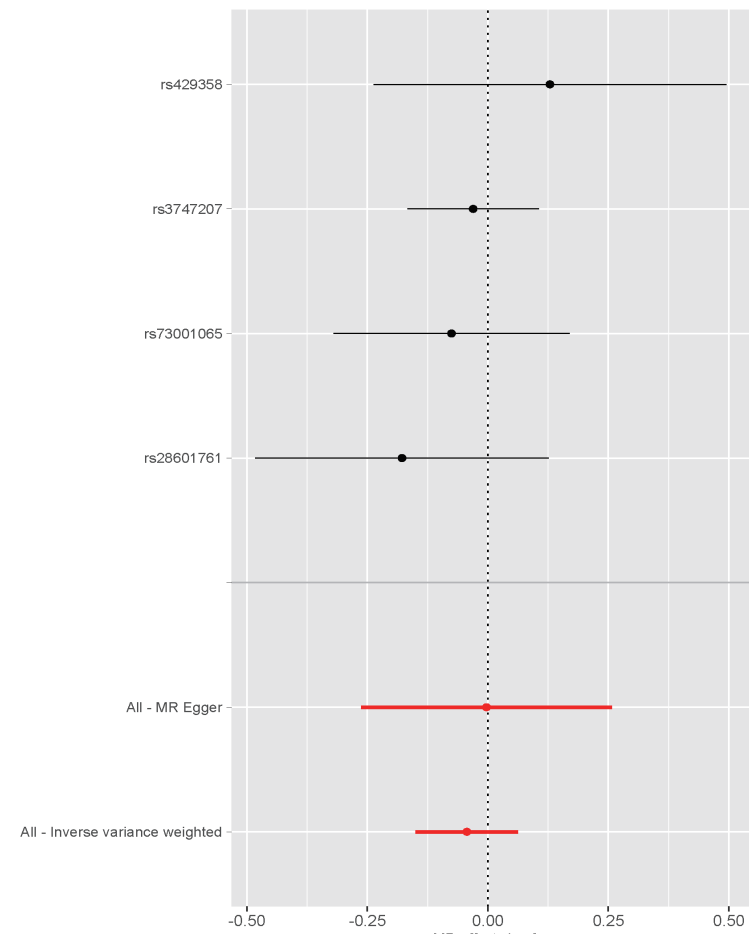
D



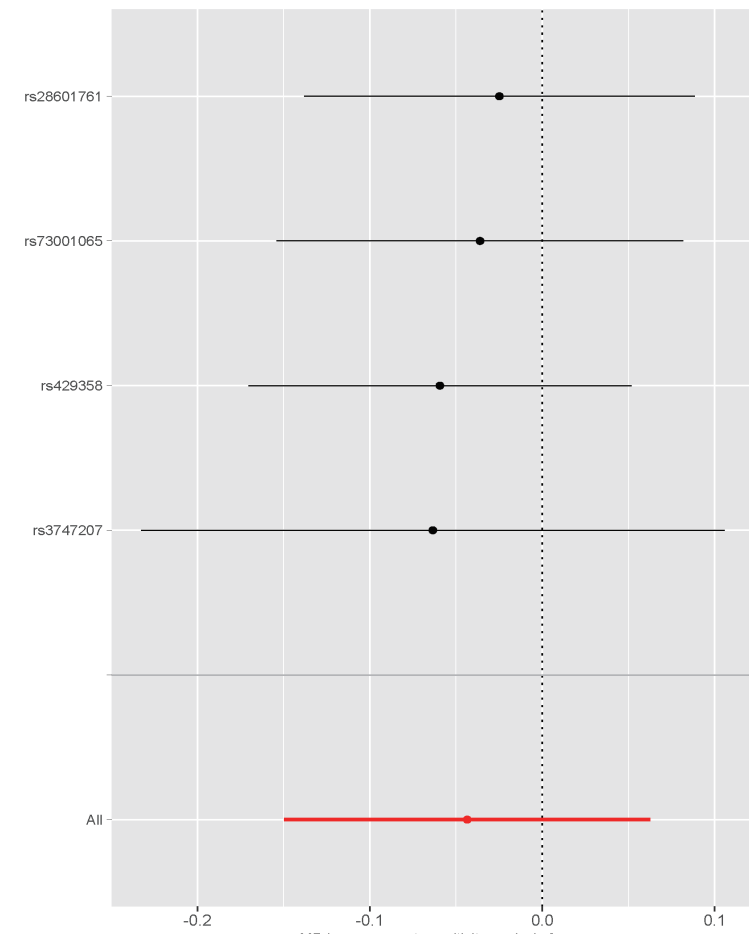


Supplementary Figure S21. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Parkinson's disease.

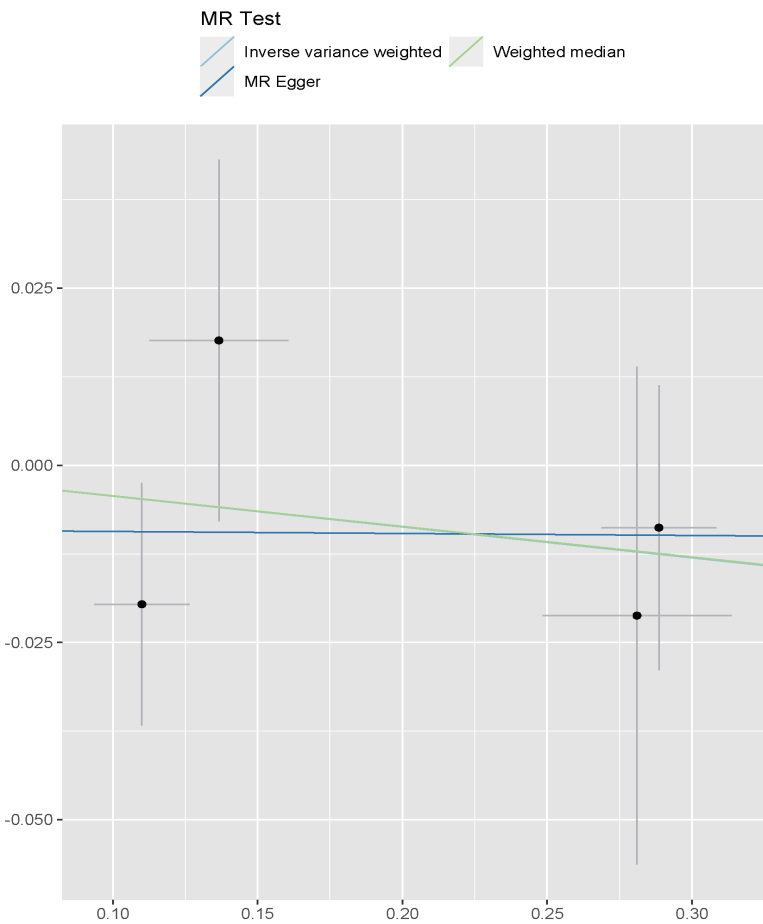
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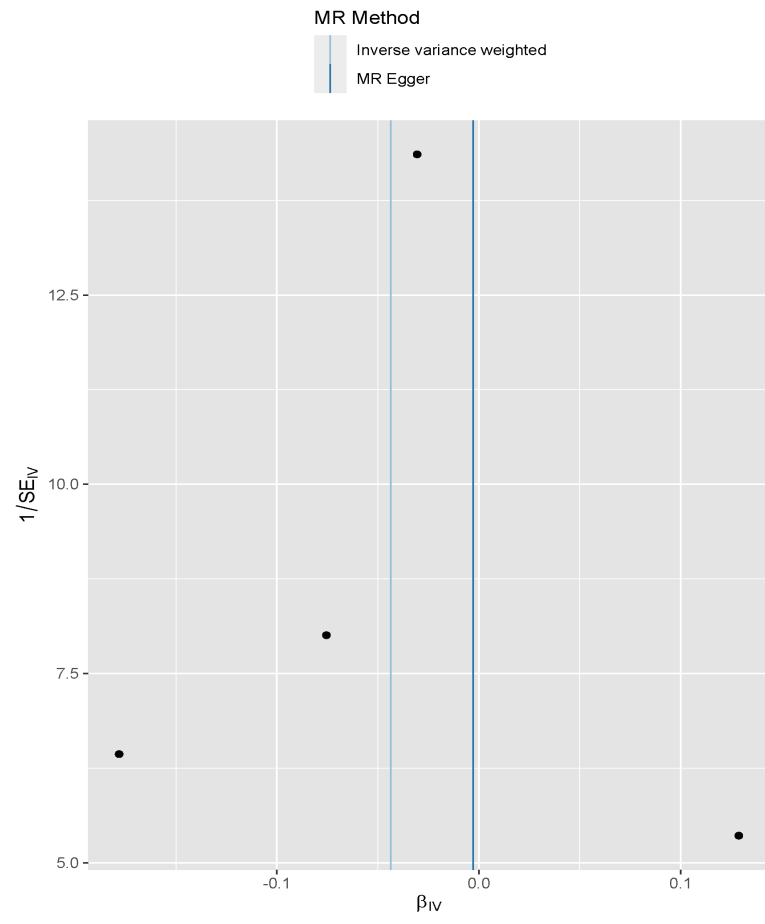
B



C

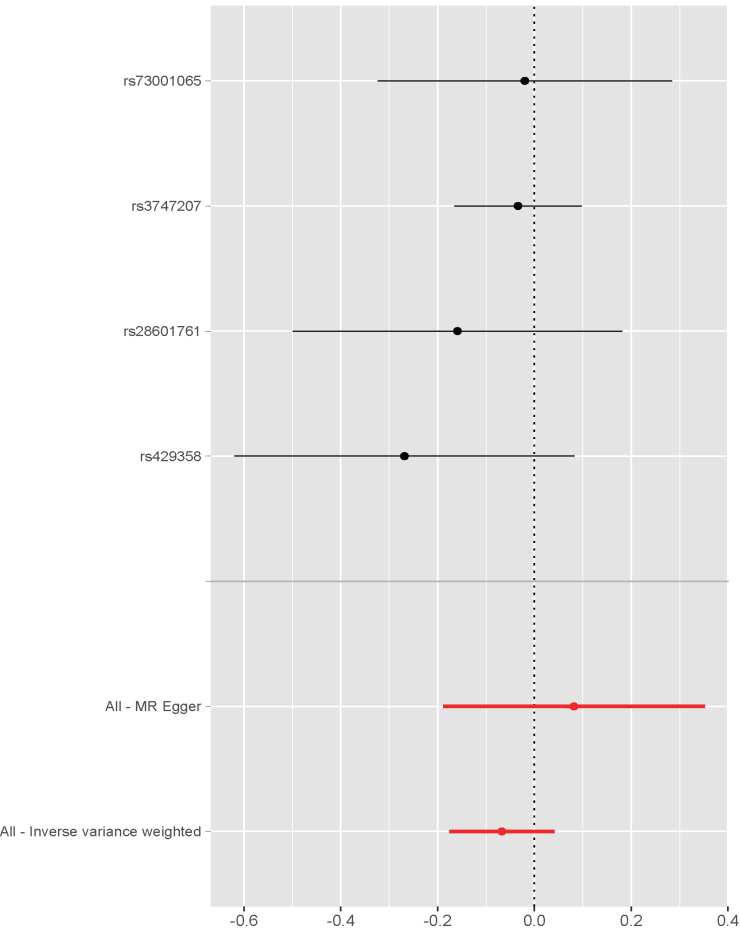


D

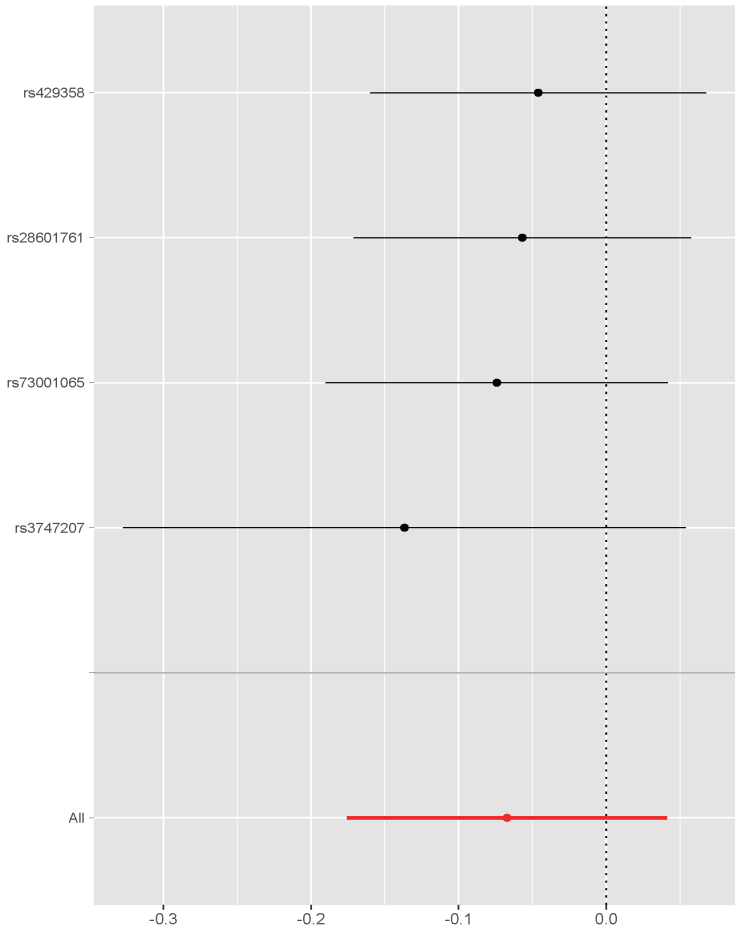


Supplementary Figure S22. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on epilepsy.

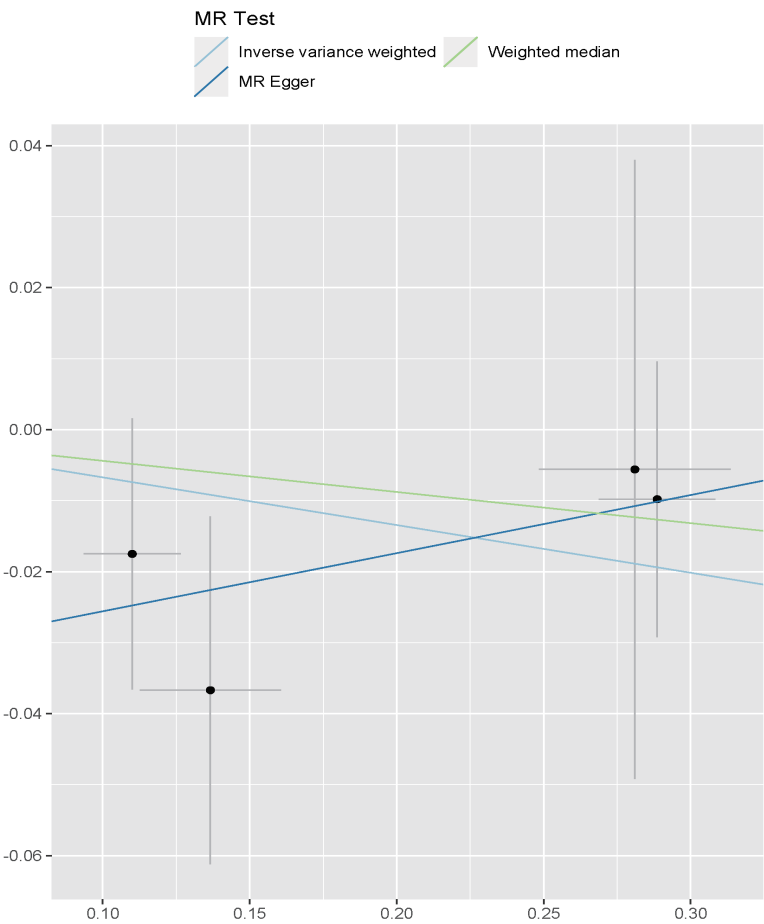
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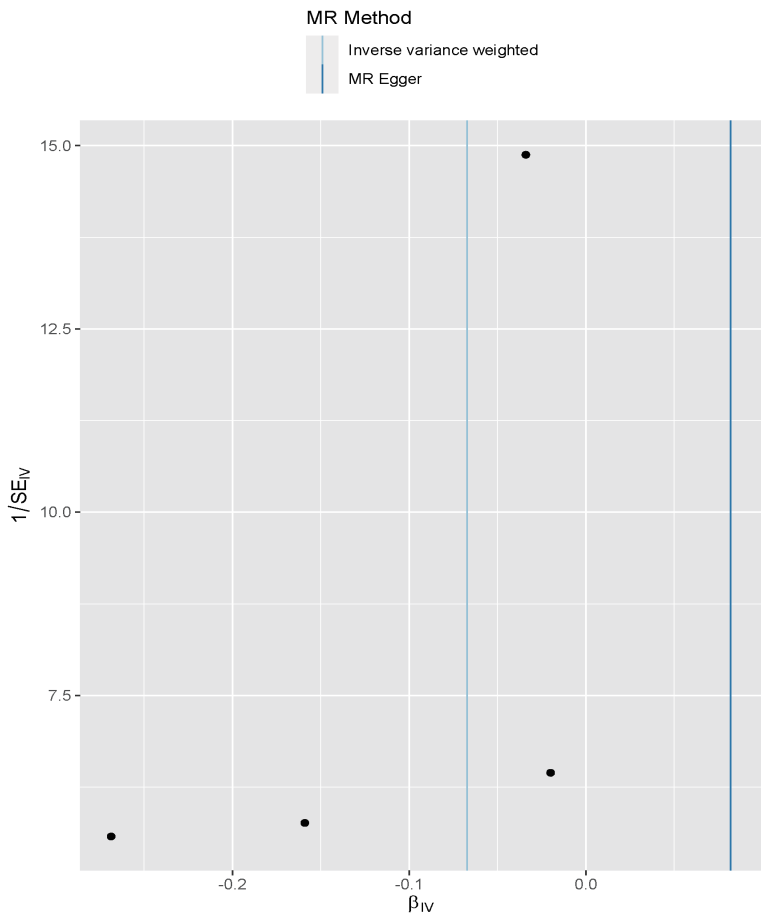
B



C

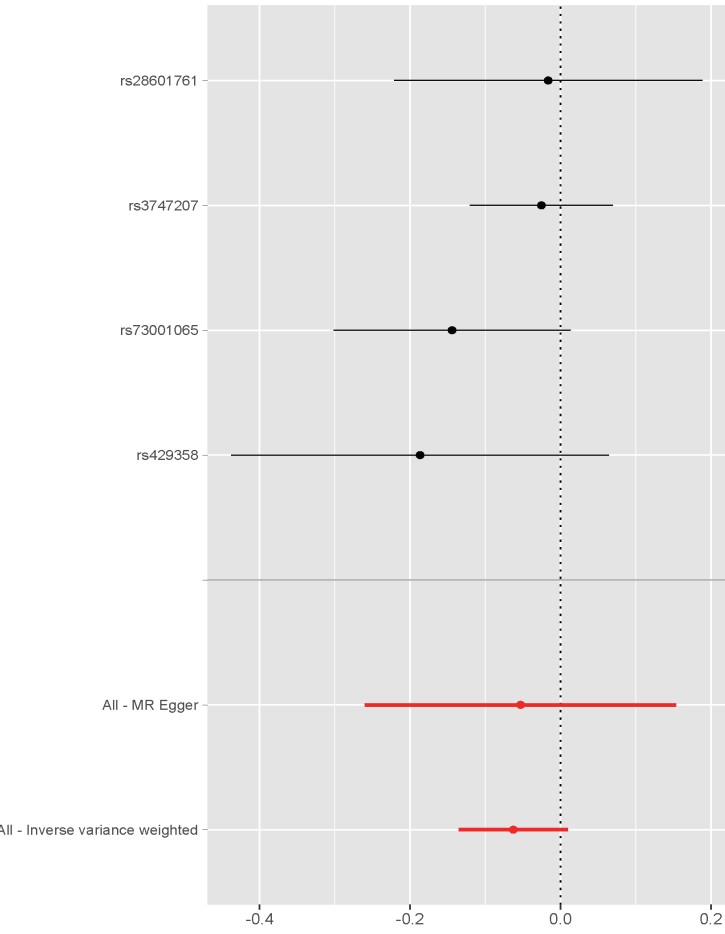


D

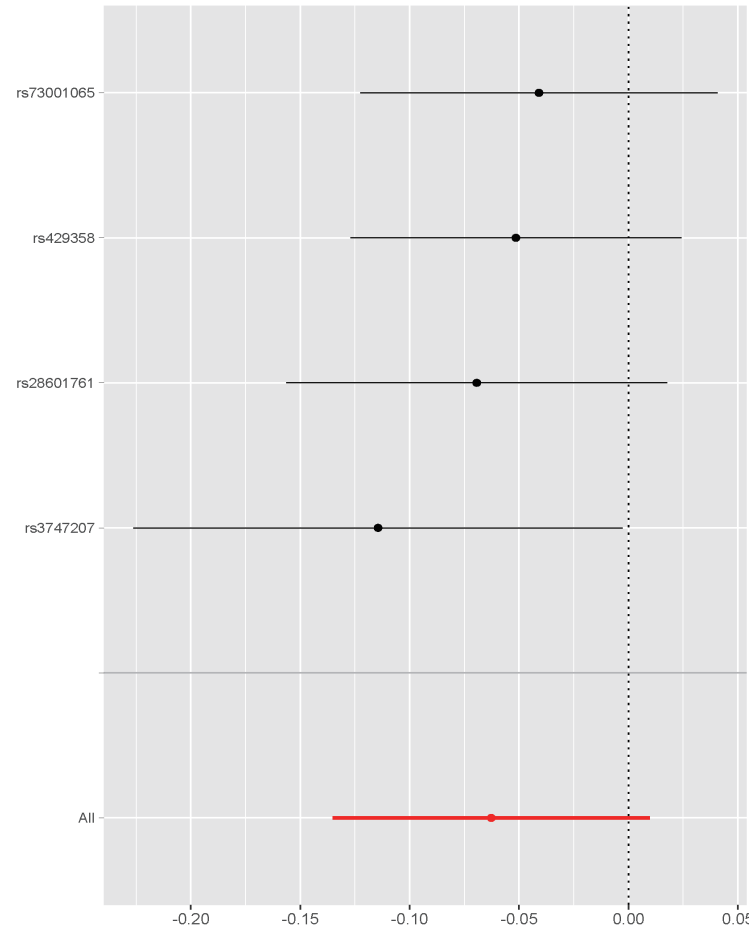


Supplementary Figure S23. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Amyotrophic lateral sclerosis.

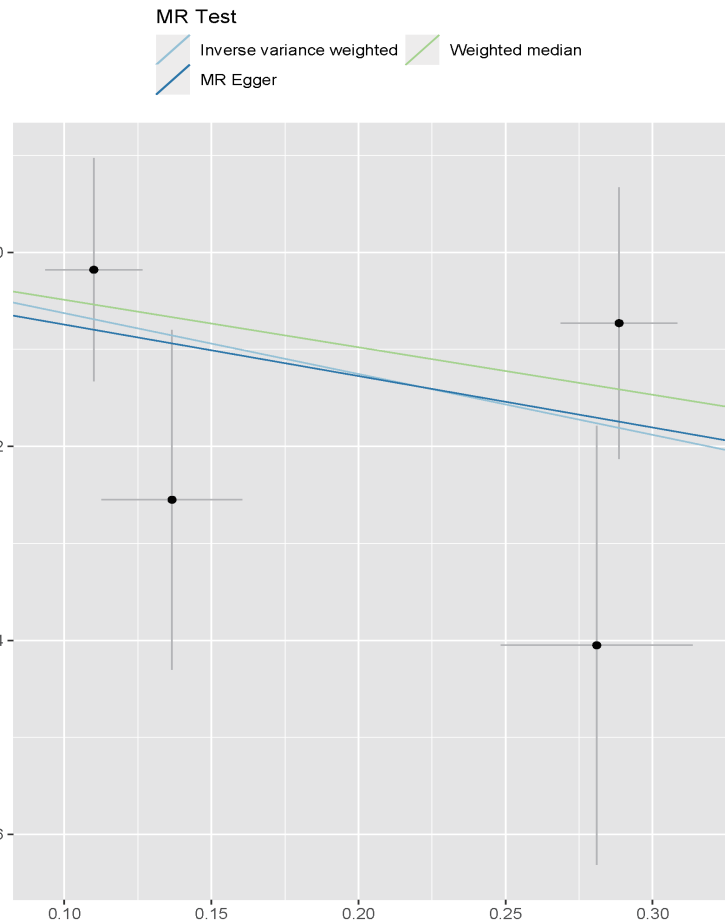
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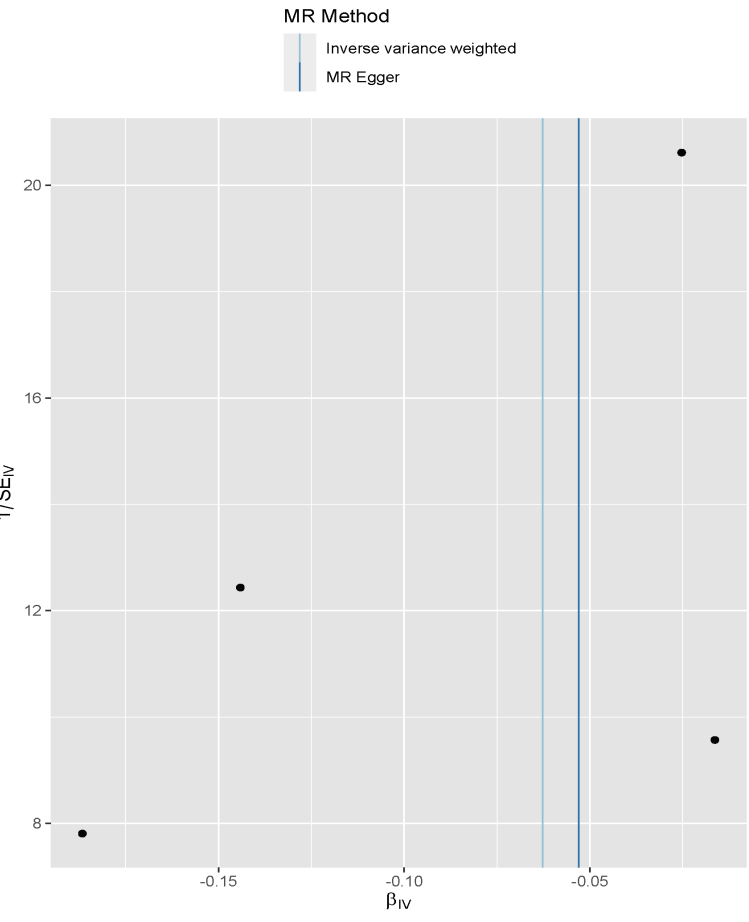
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C

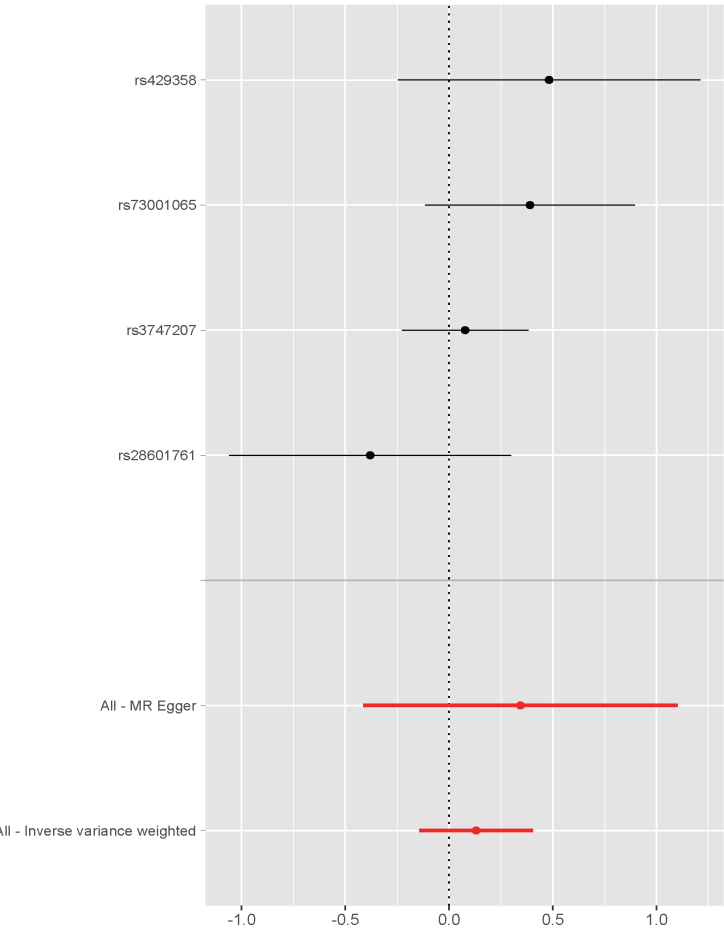


D

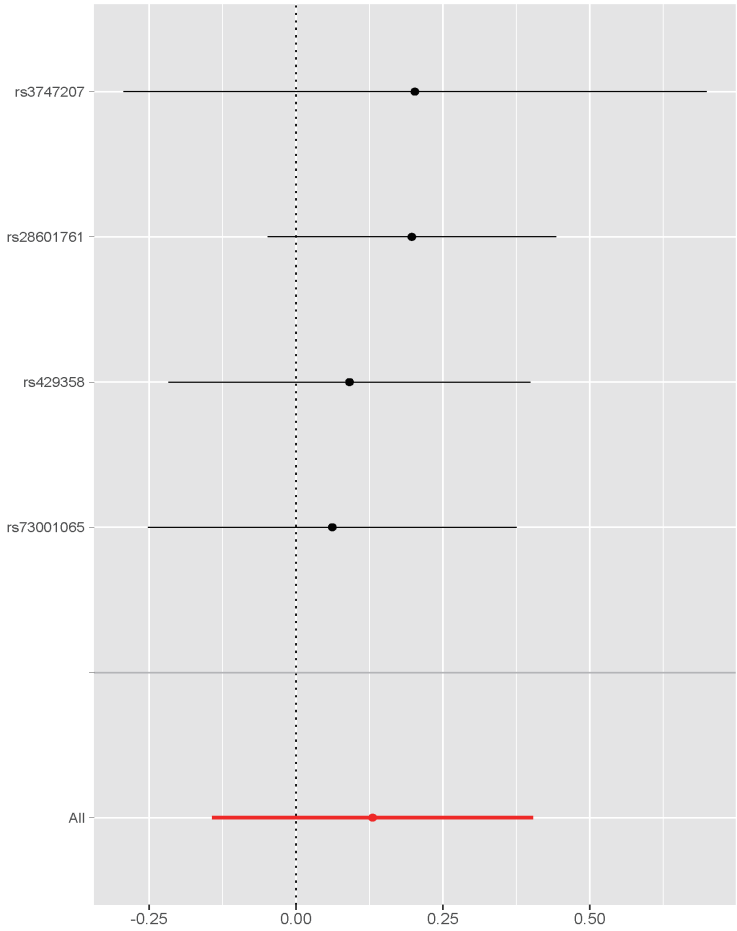


Supplementary Figure S24. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on migraine.

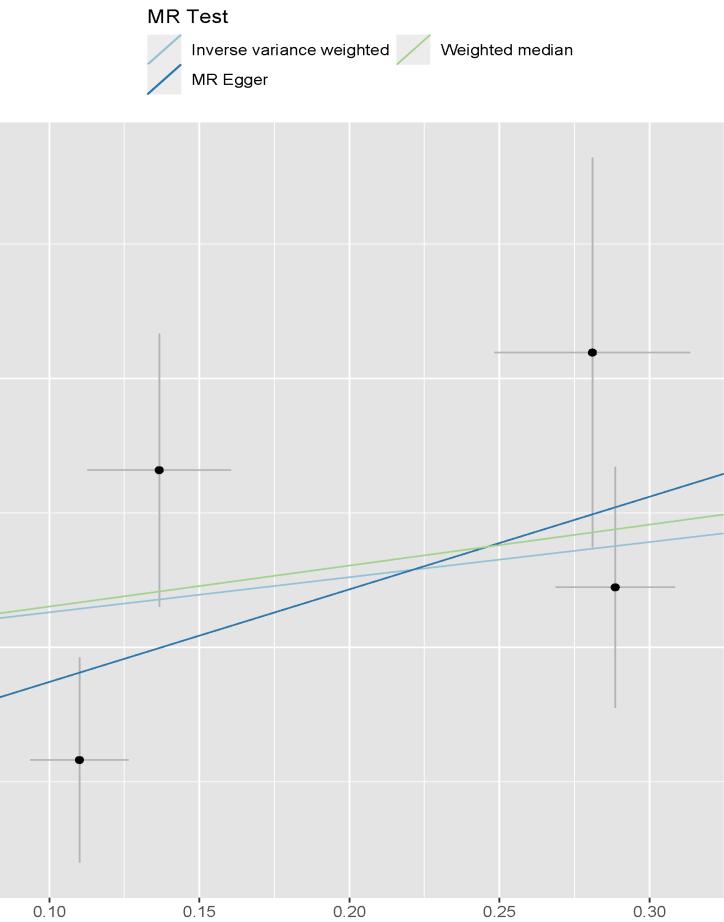
A



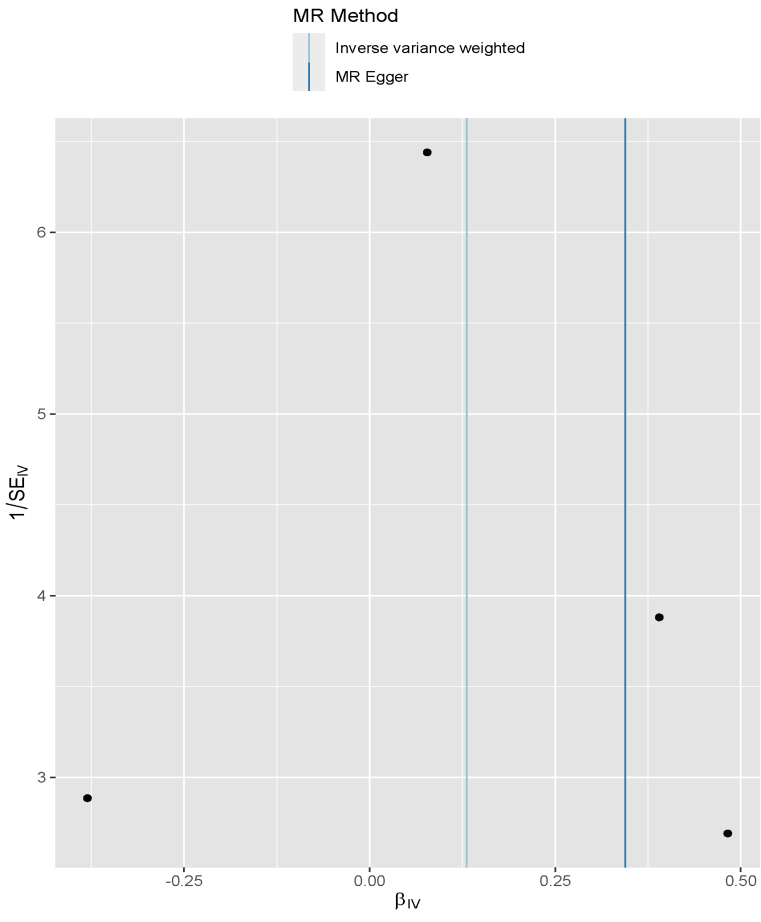
B



C

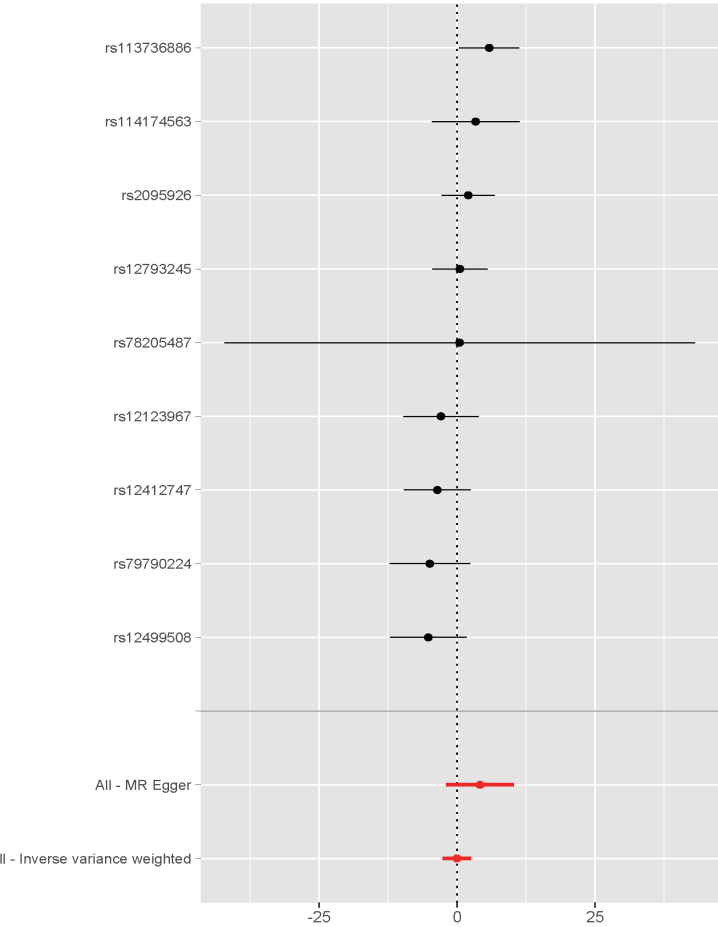


D

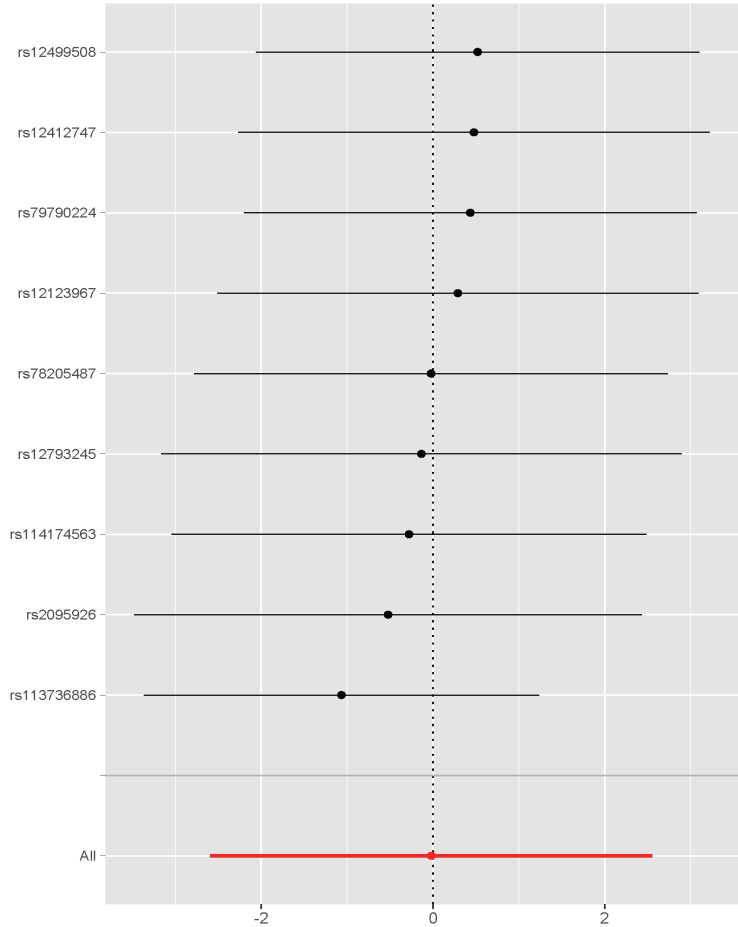


Supplementary Figure S25. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of anxiety on NAFLD.

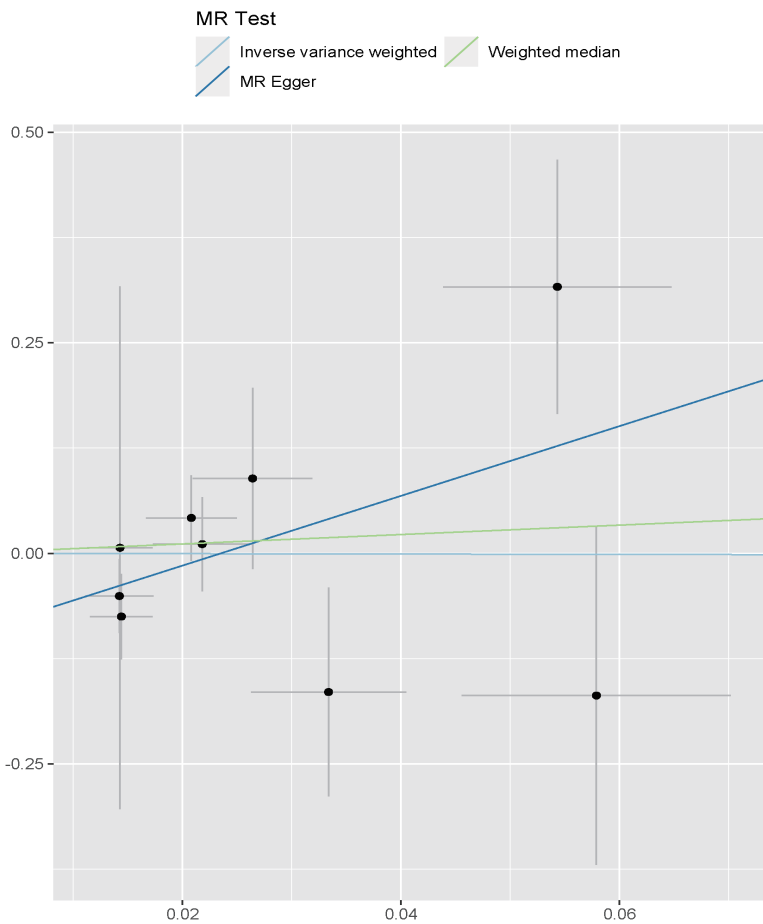
A



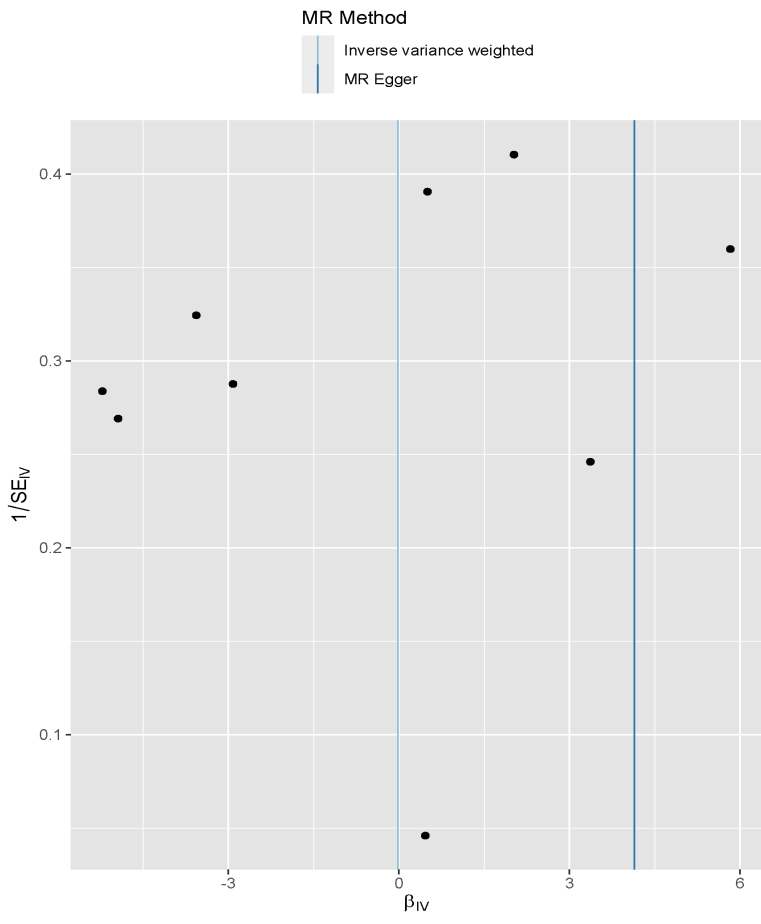
B



C

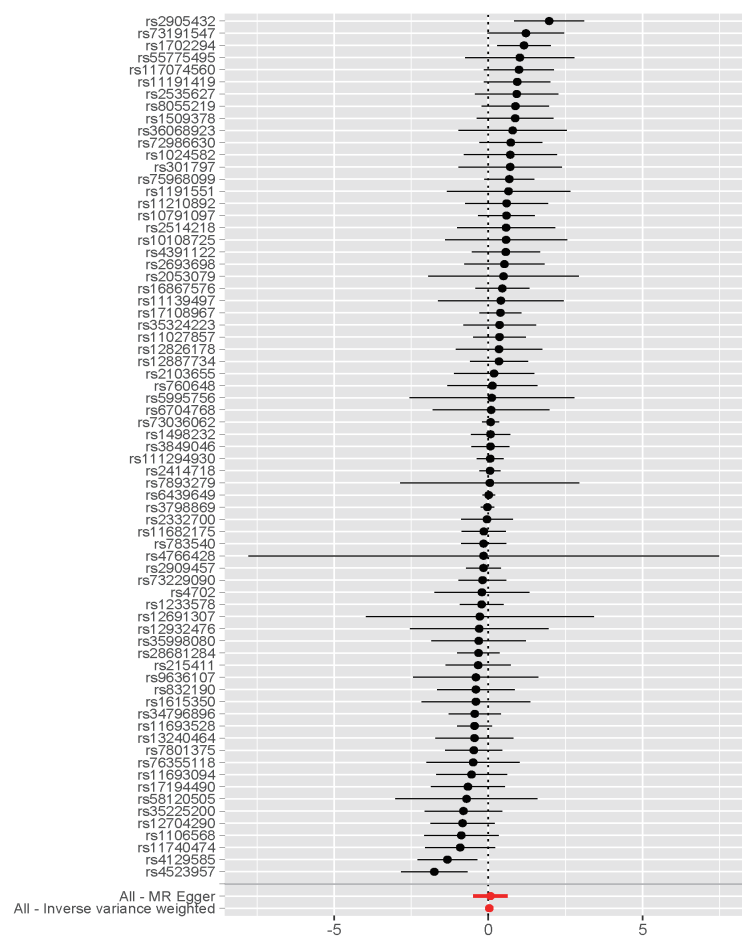


D

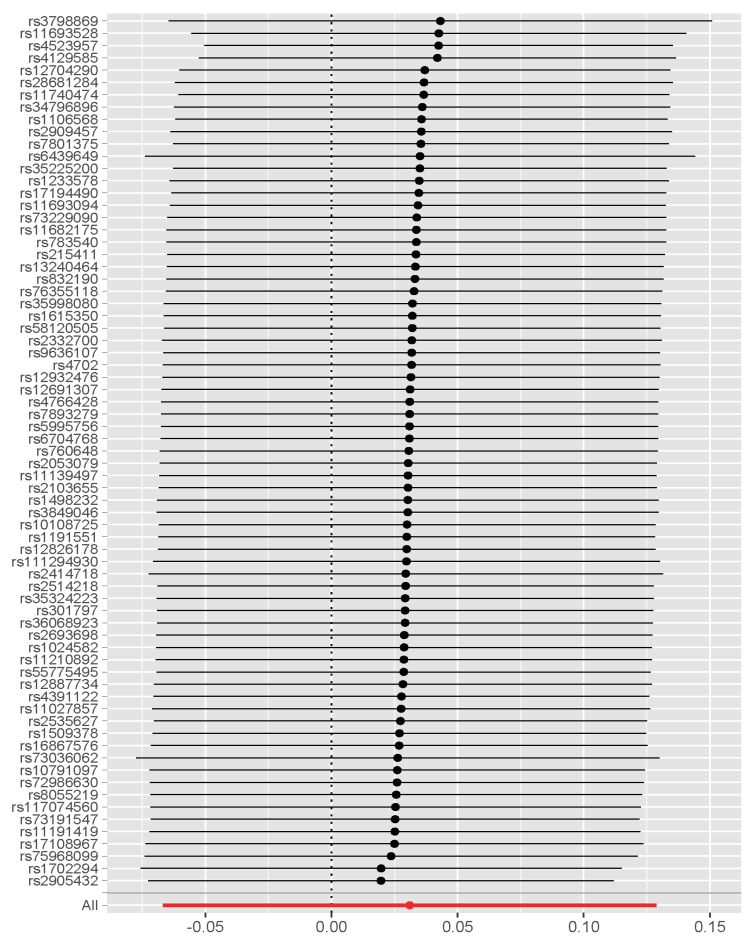


Supplementary Figure S26. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of schizophrenia on NAFLD.

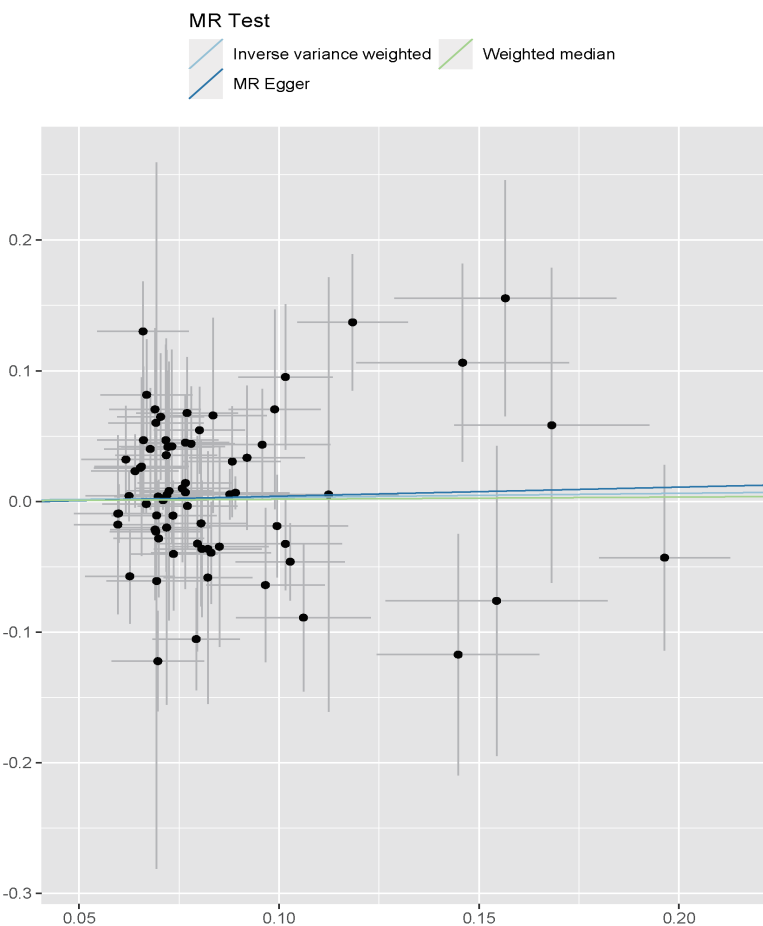
A



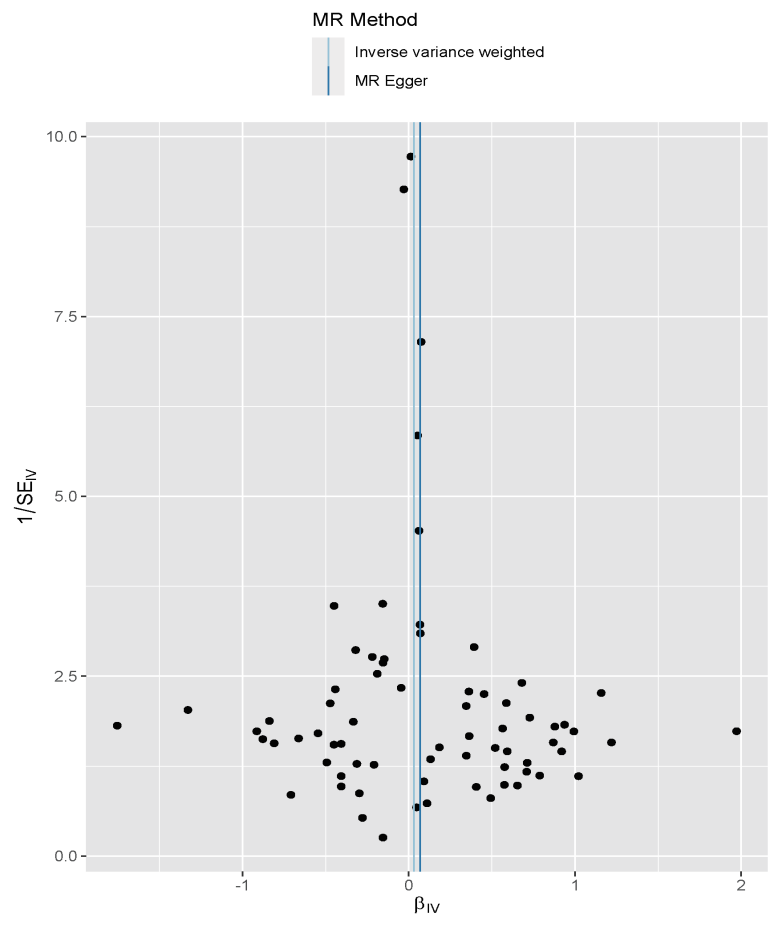
B



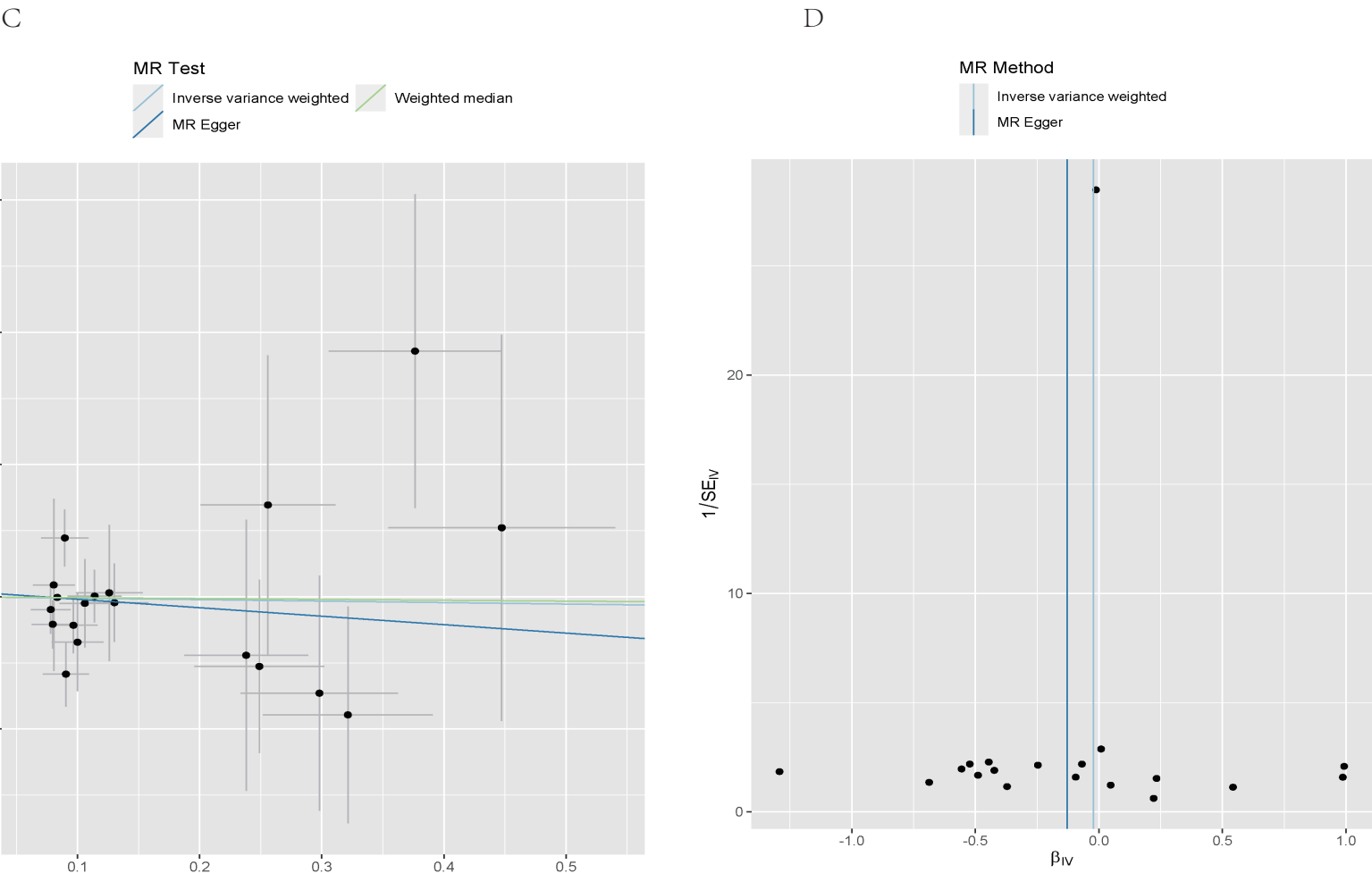
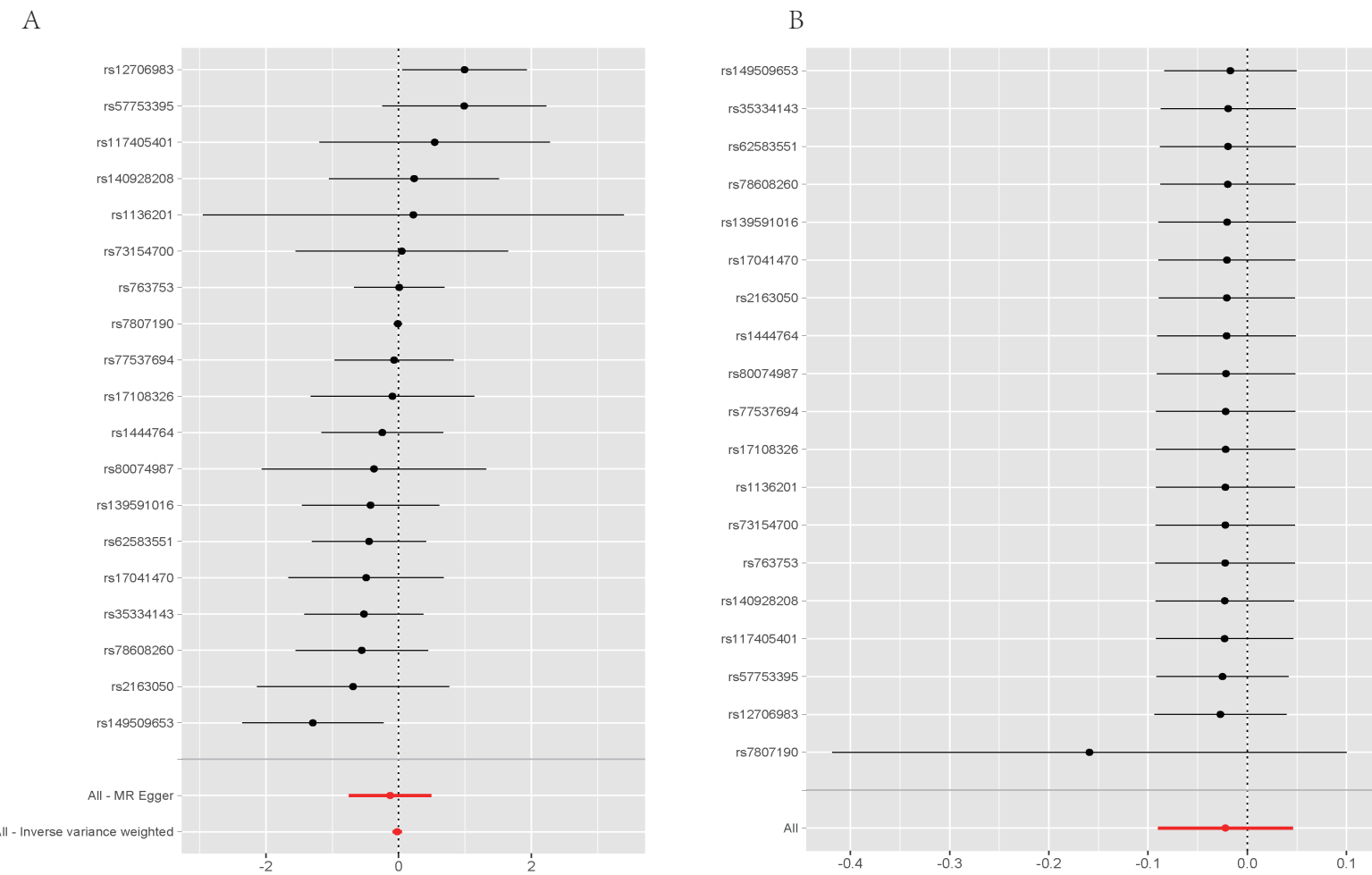
C



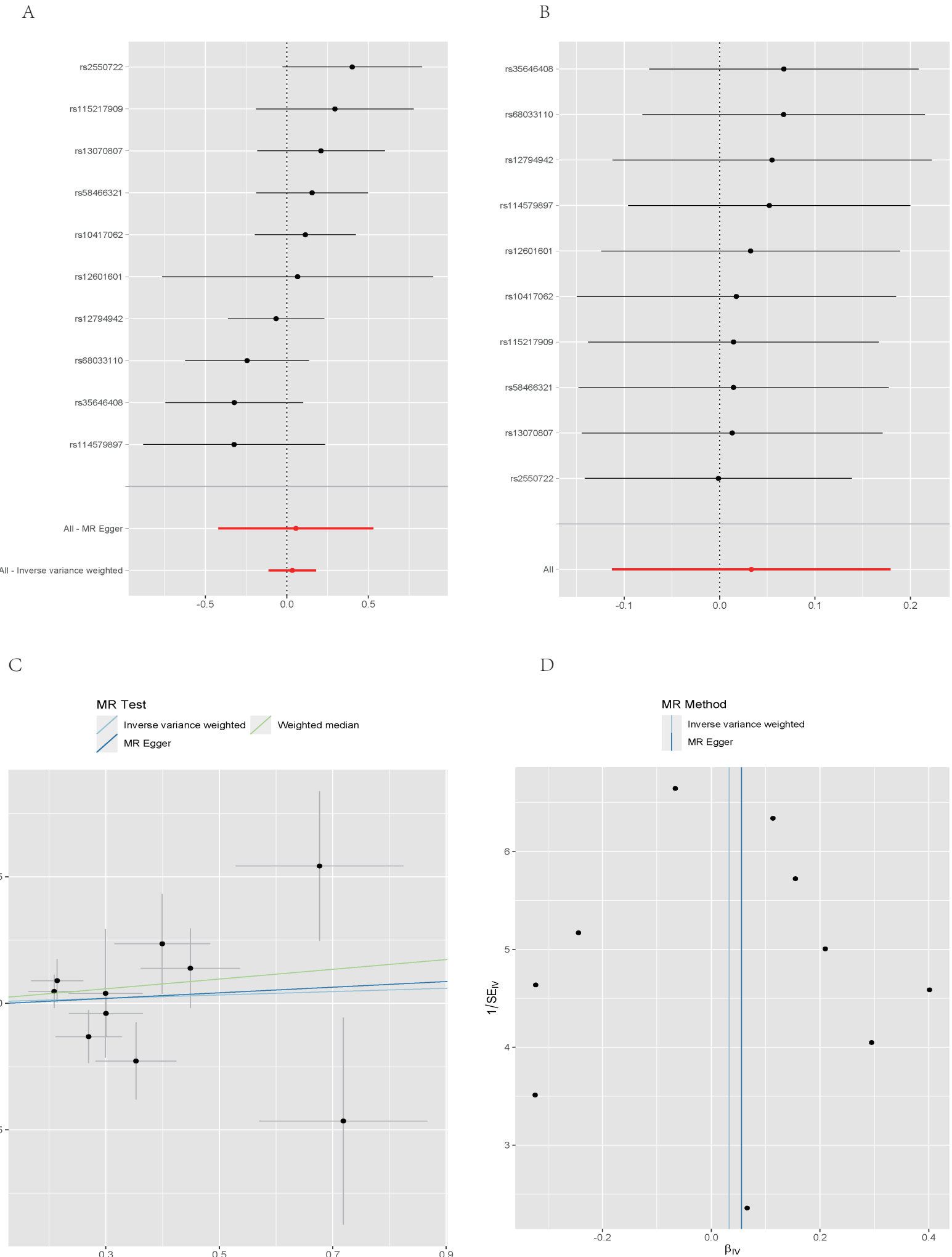
D



Supplementary Figure S27. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Post-traumatic stress disorder on NAFLD.



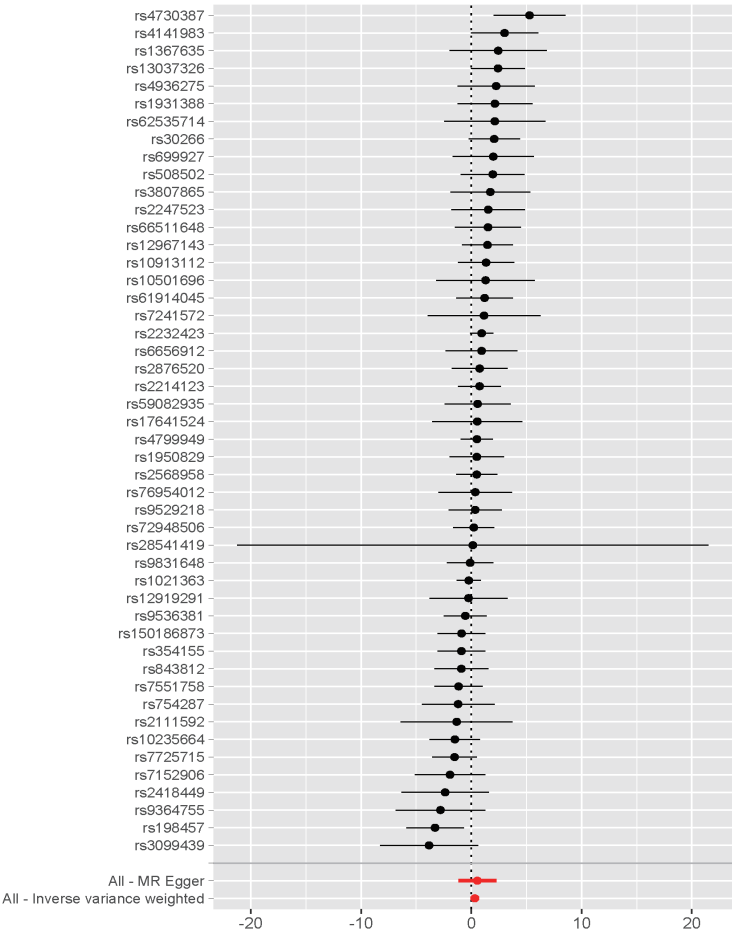
Supplementary Figure S28. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Obsessive-compulsive disorder on NAFLD.



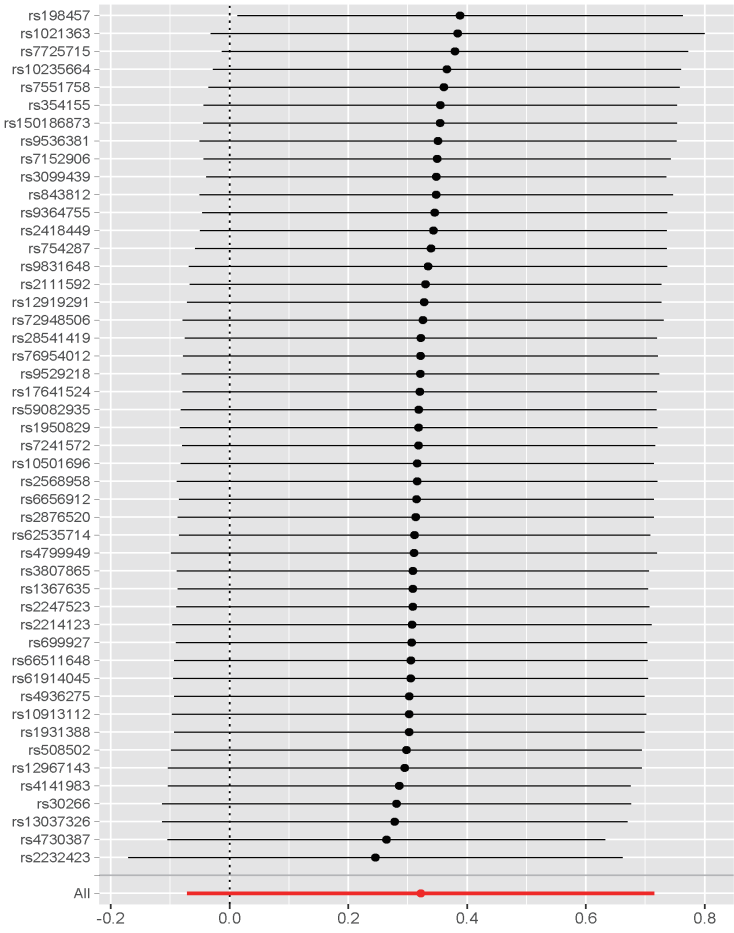


Supplementary Figure S29. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Major Depressive Disorder on NAFLD.

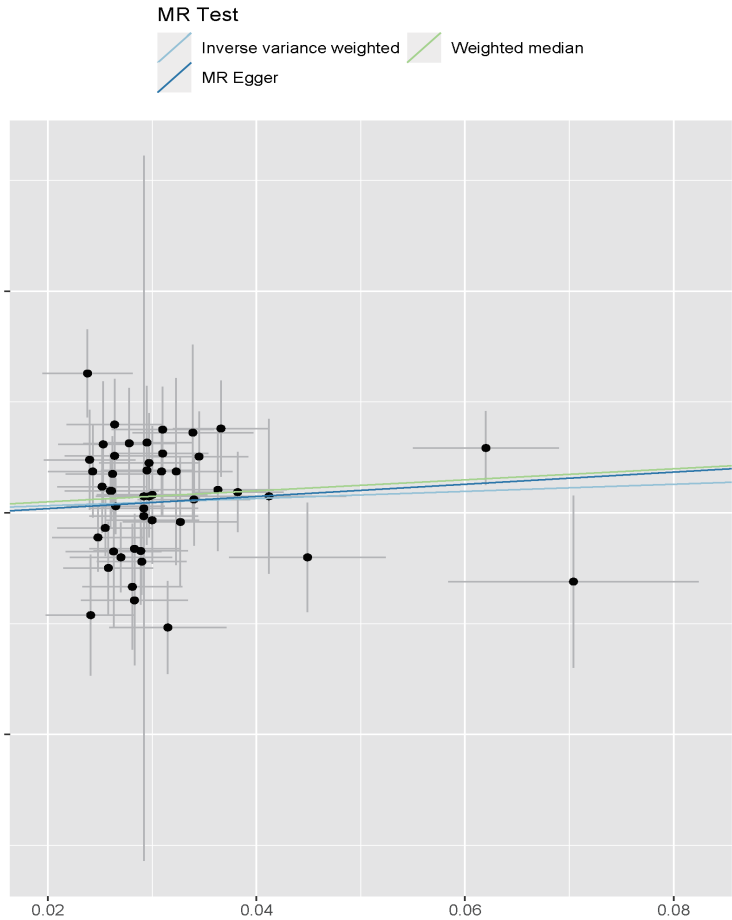
A



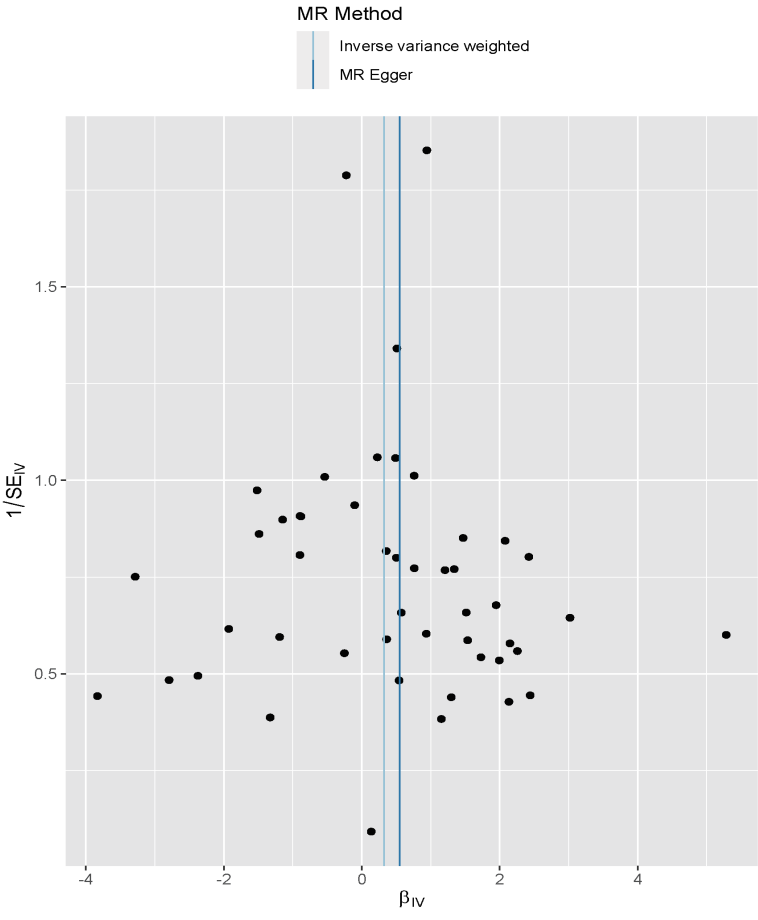
B



C

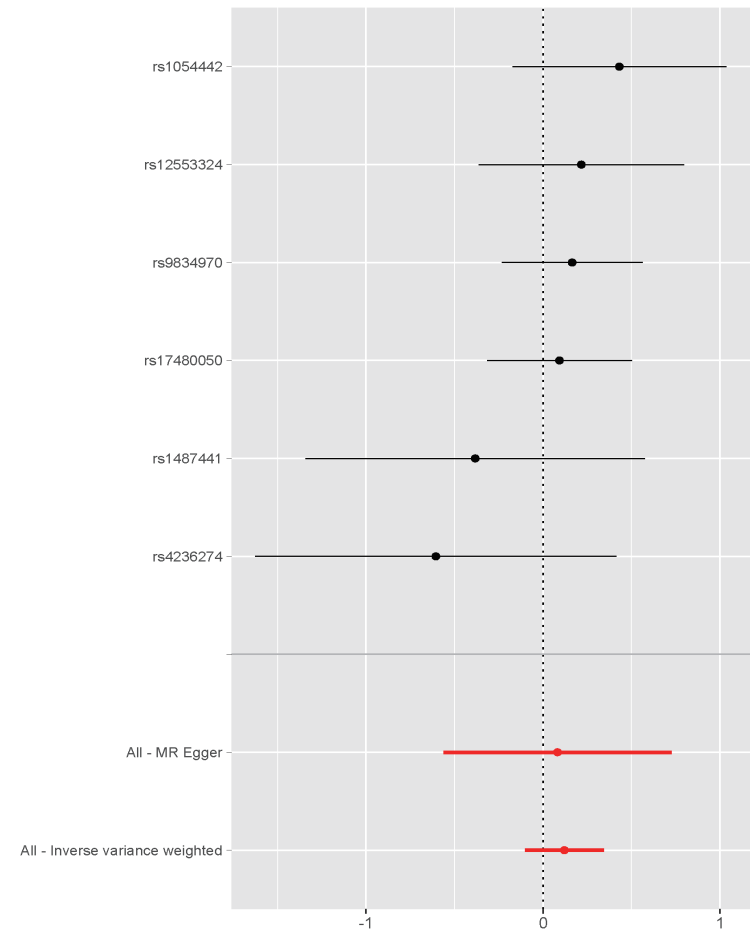


D

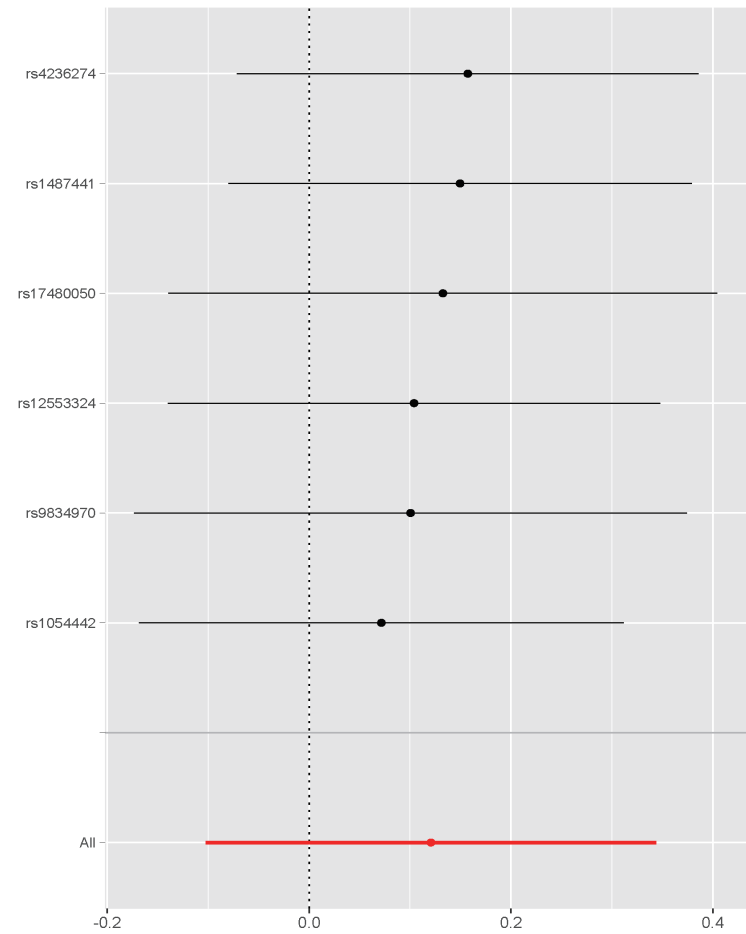


Supplementary Figure S30. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Bipolar disorder on NAFLD.

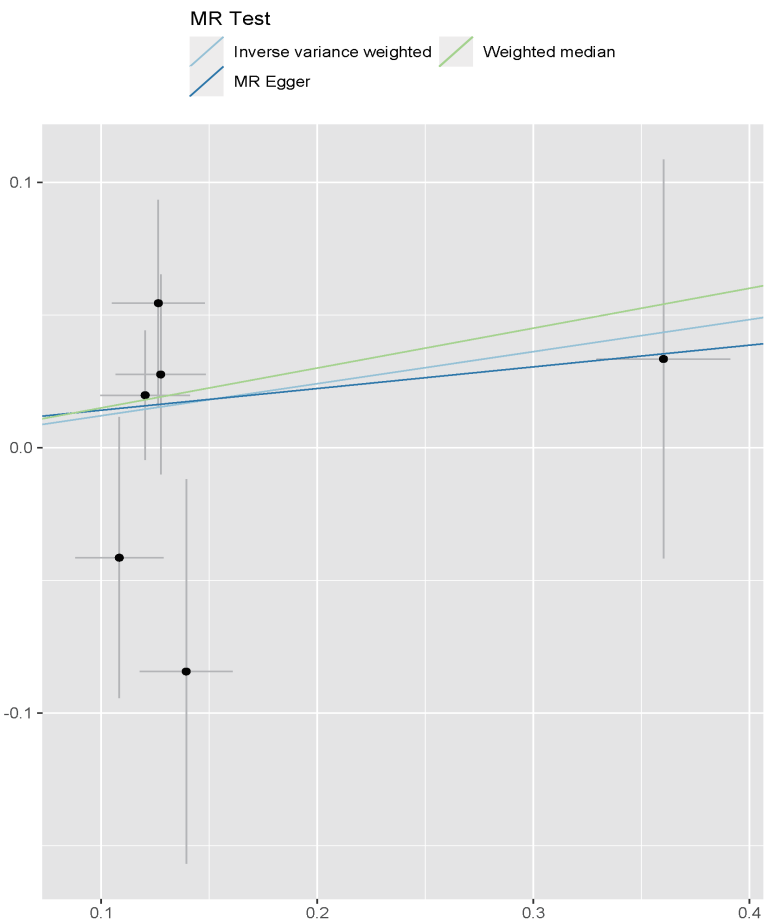
A



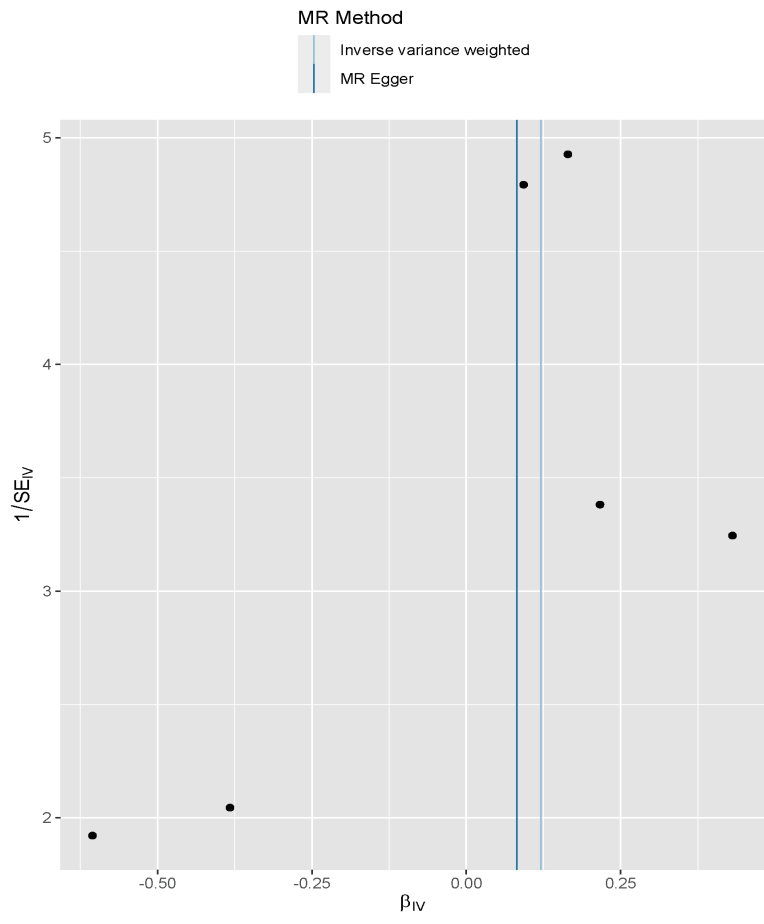
B



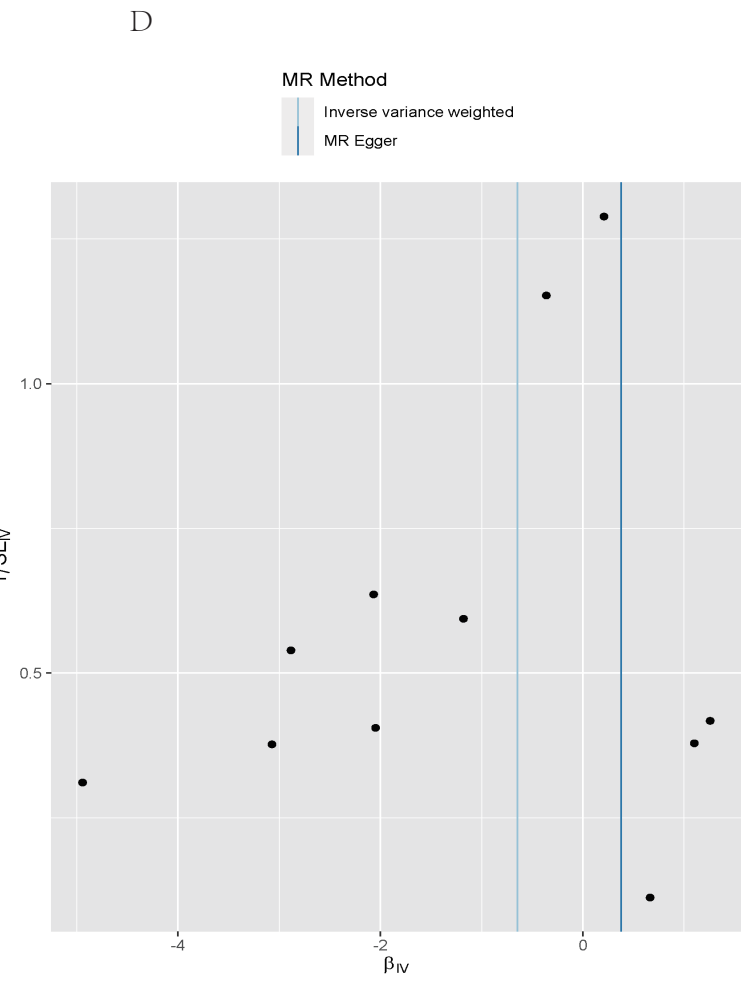
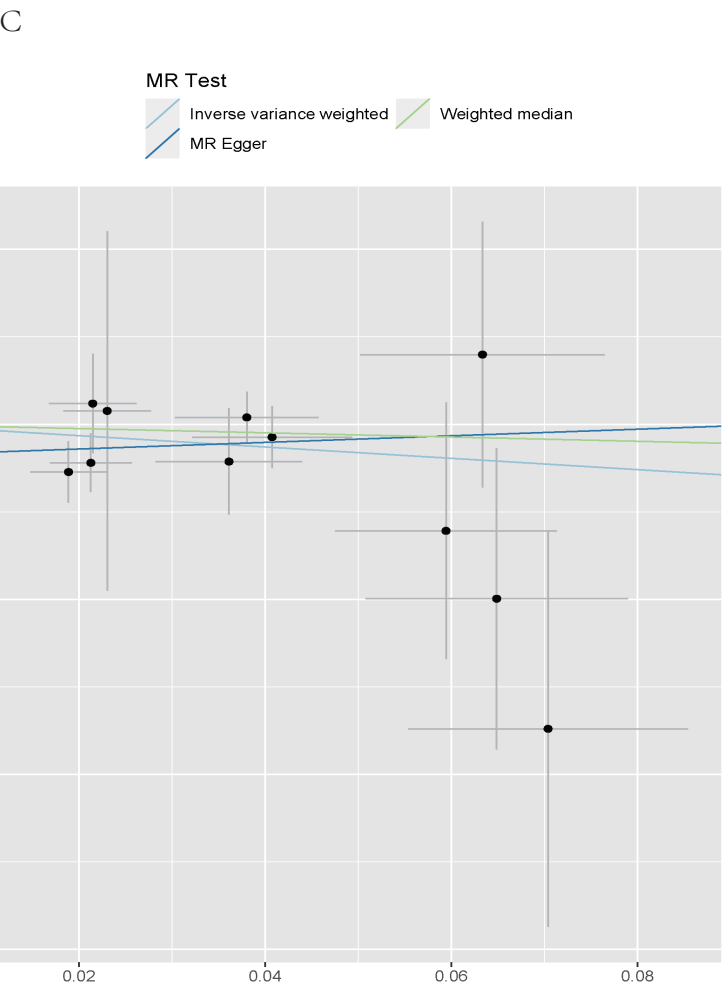
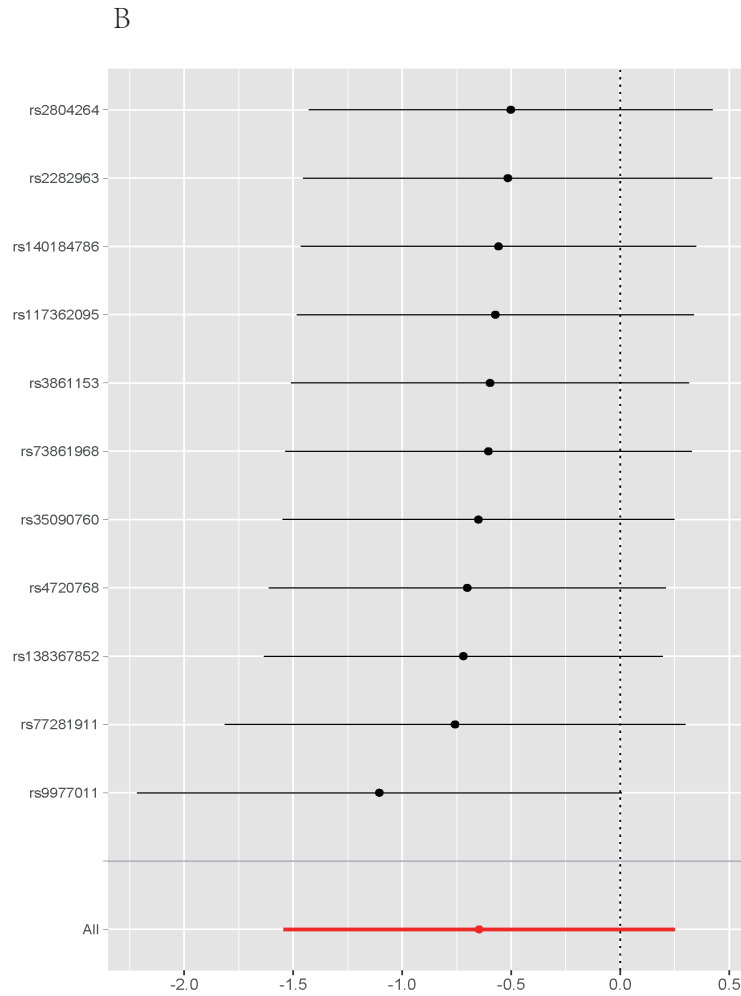
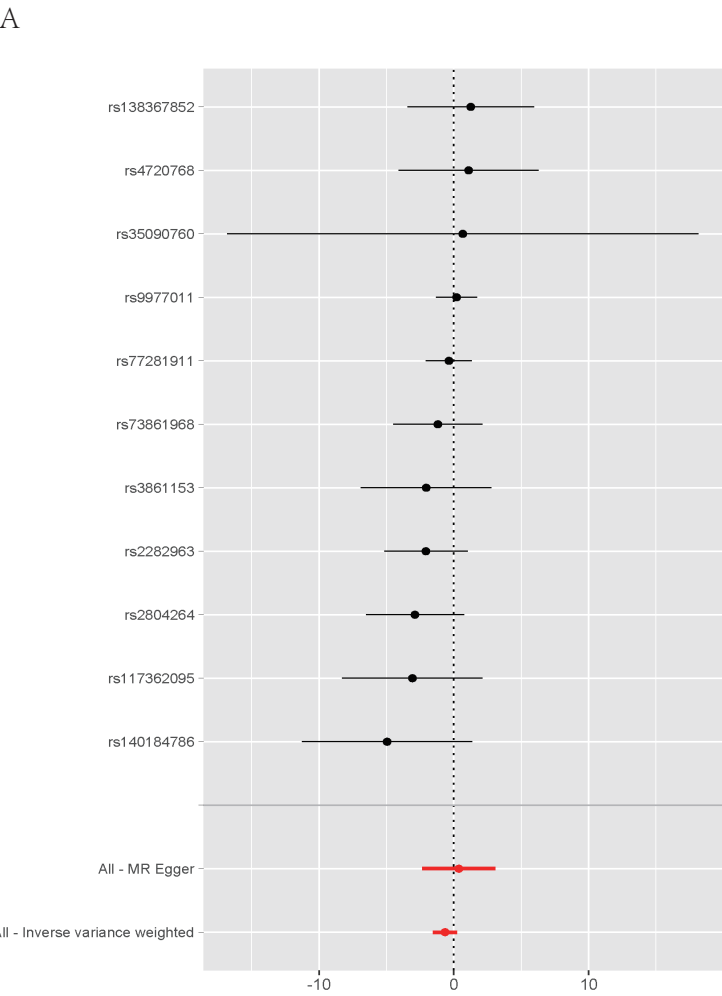
C



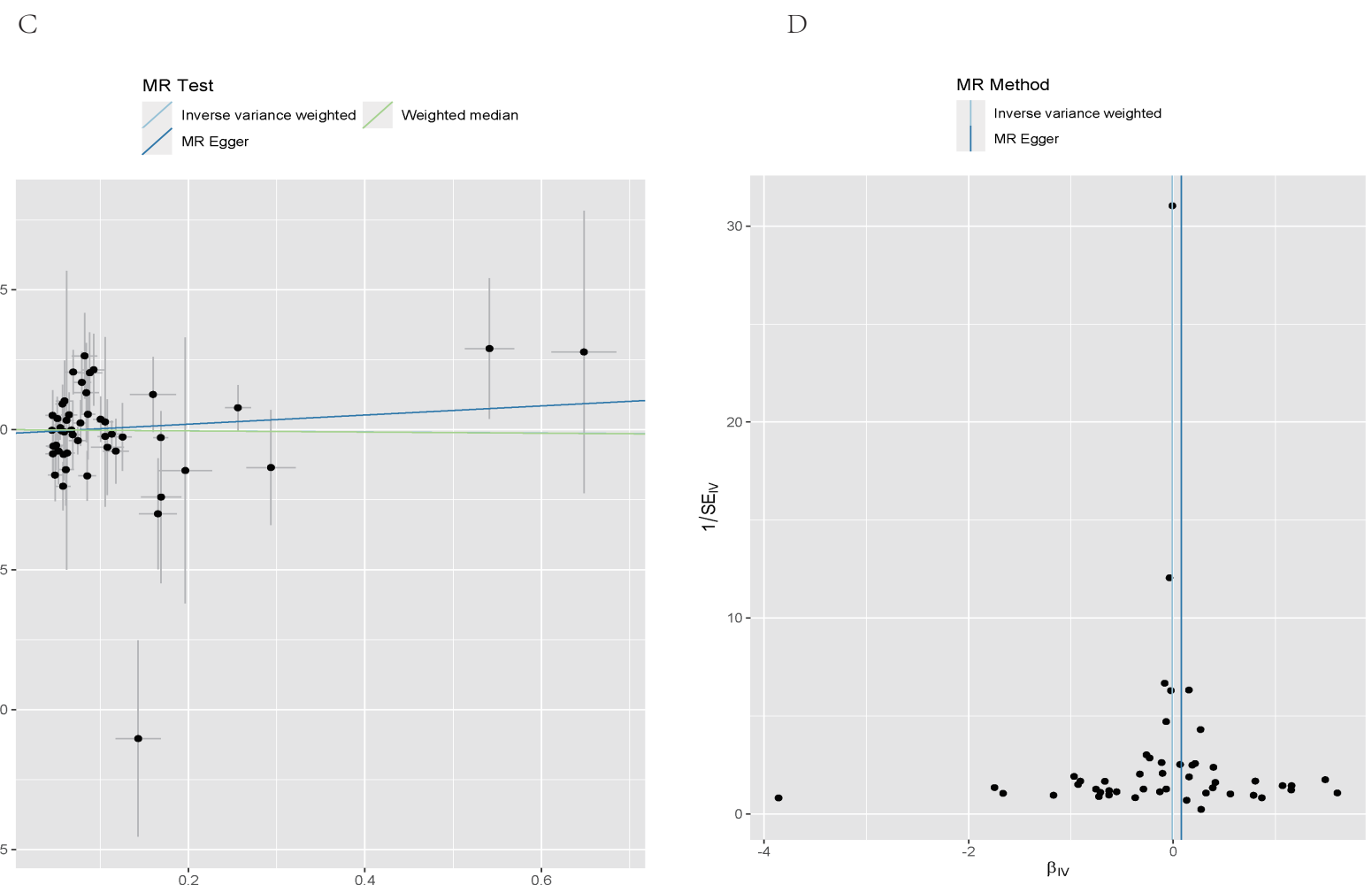
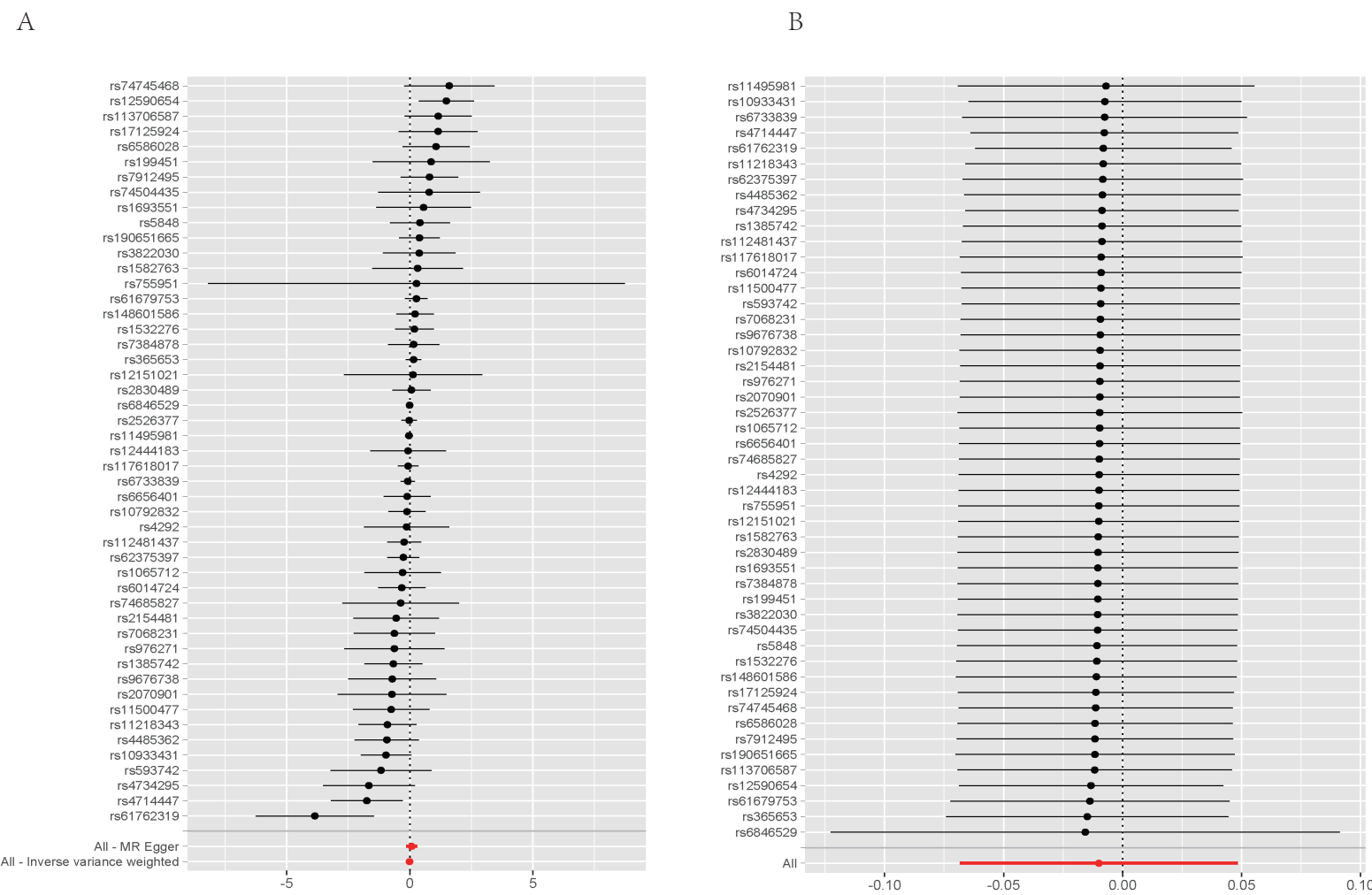
D



Supplementary Figure S31. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of mania on NAFLD.

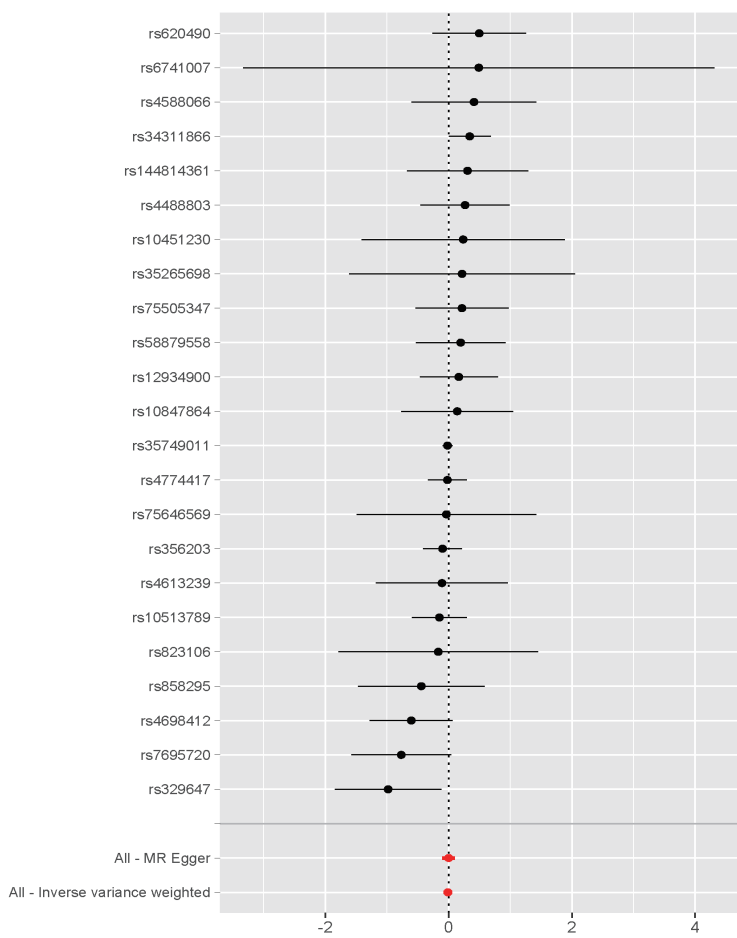


Supplementary Figure S32. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Alzheimer's disease on NAFLD.

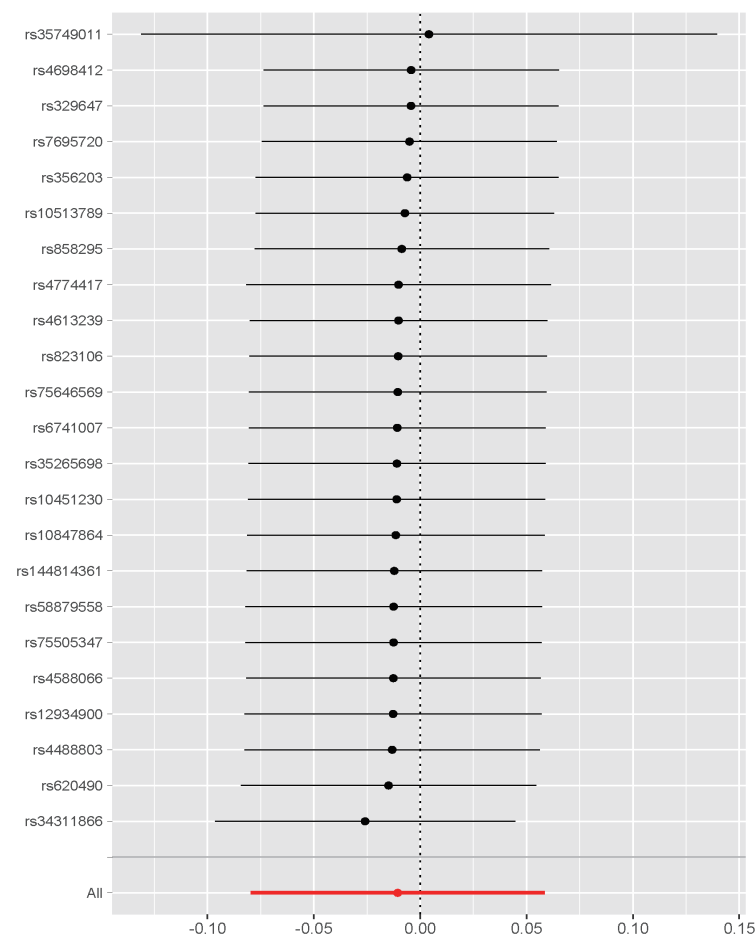


Supplementary Figure S33. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Parkinson's disease on NAFLD.

A



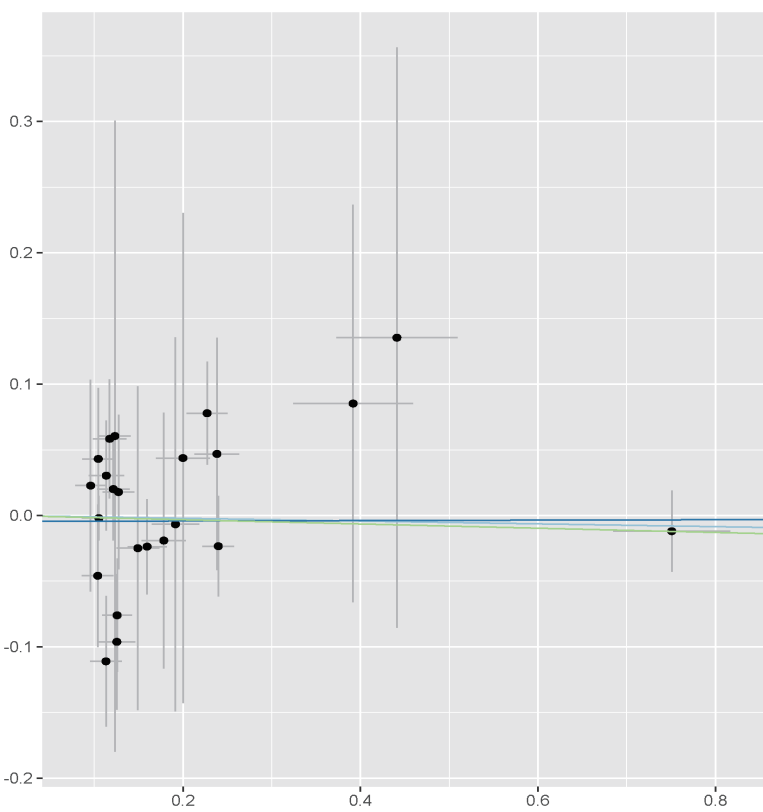
B



C

MR Test

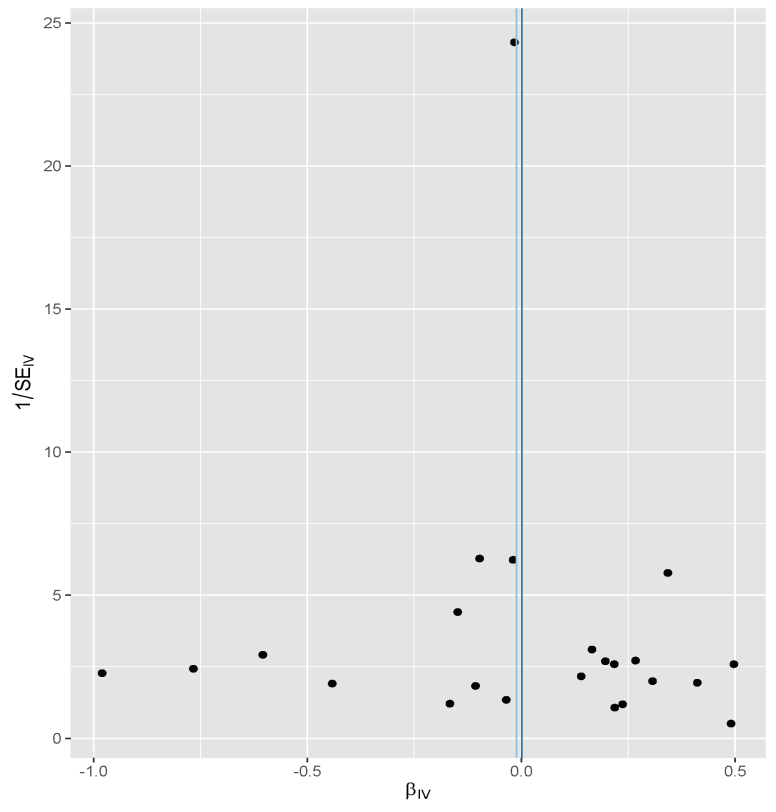
- Inverse variance weighted
- MR Egger
- Weighted median



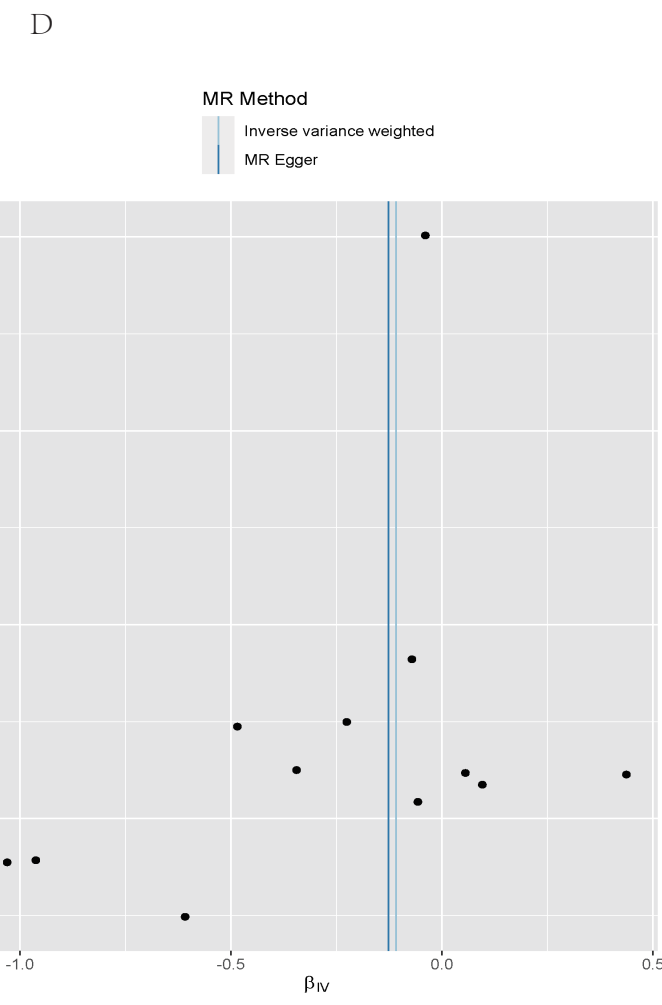
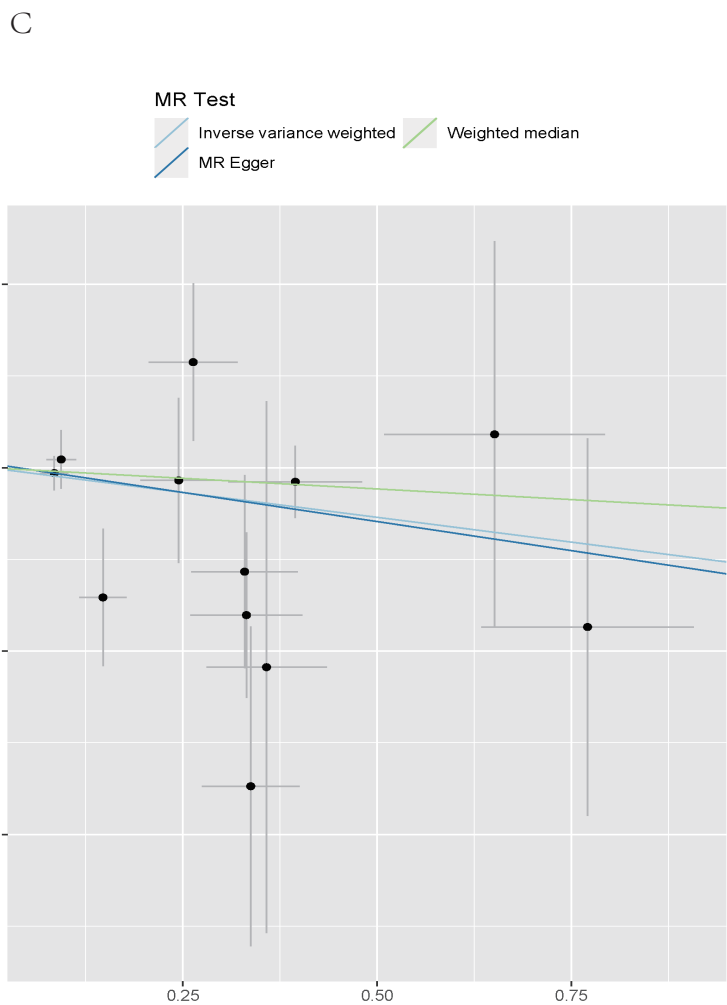
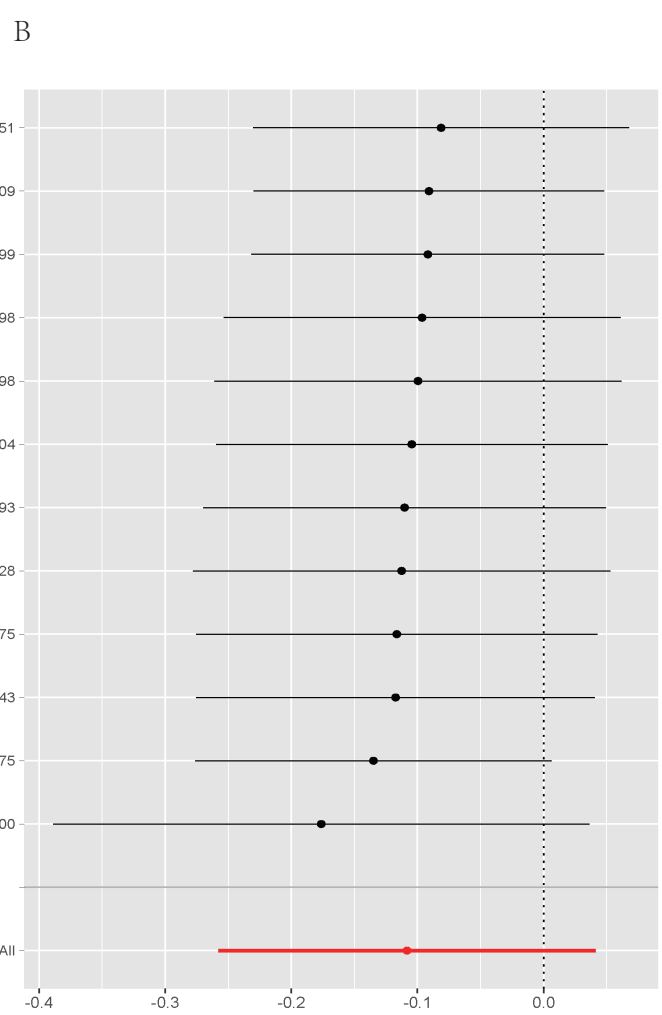
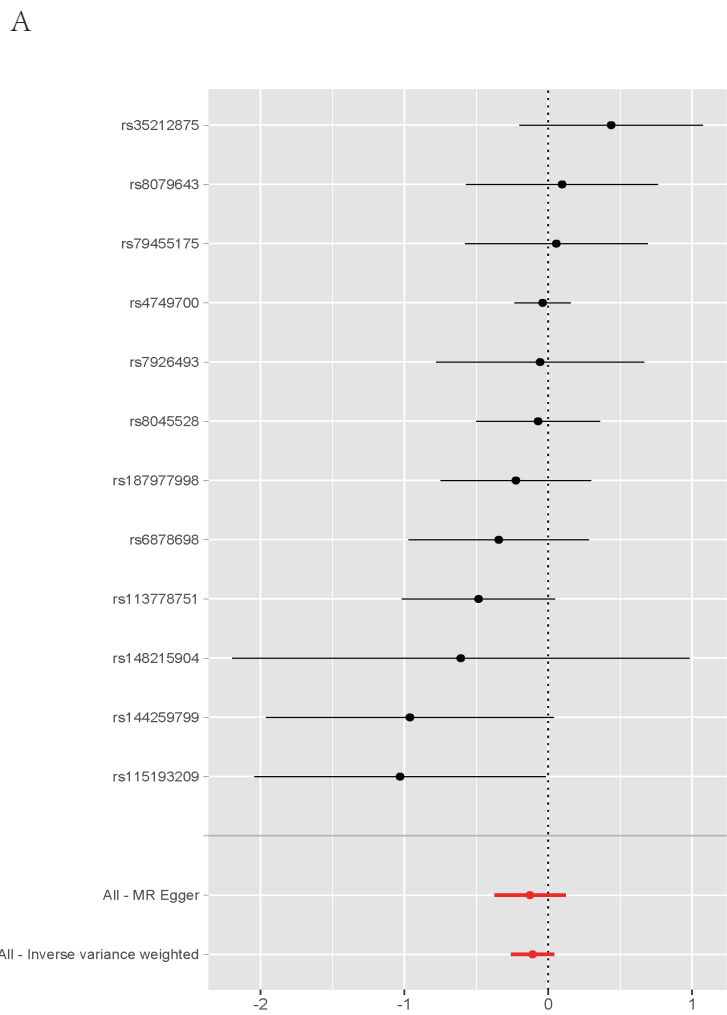
D

MR Method

- Inverse variance weighted
- MR Egger

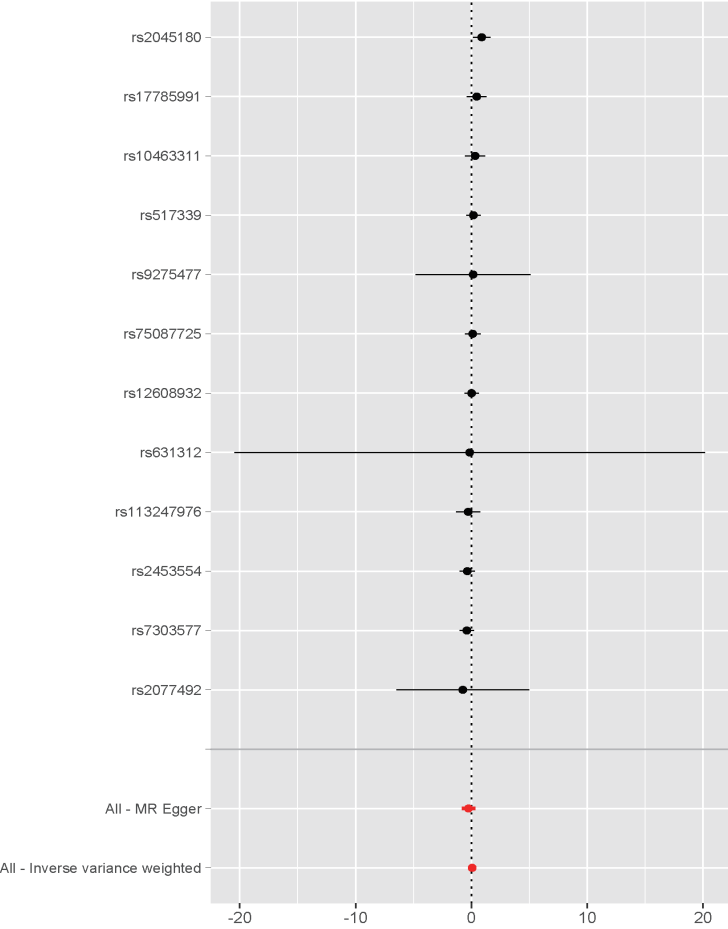


Supplementary Figure S34. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of epilepsy on NAFLD.

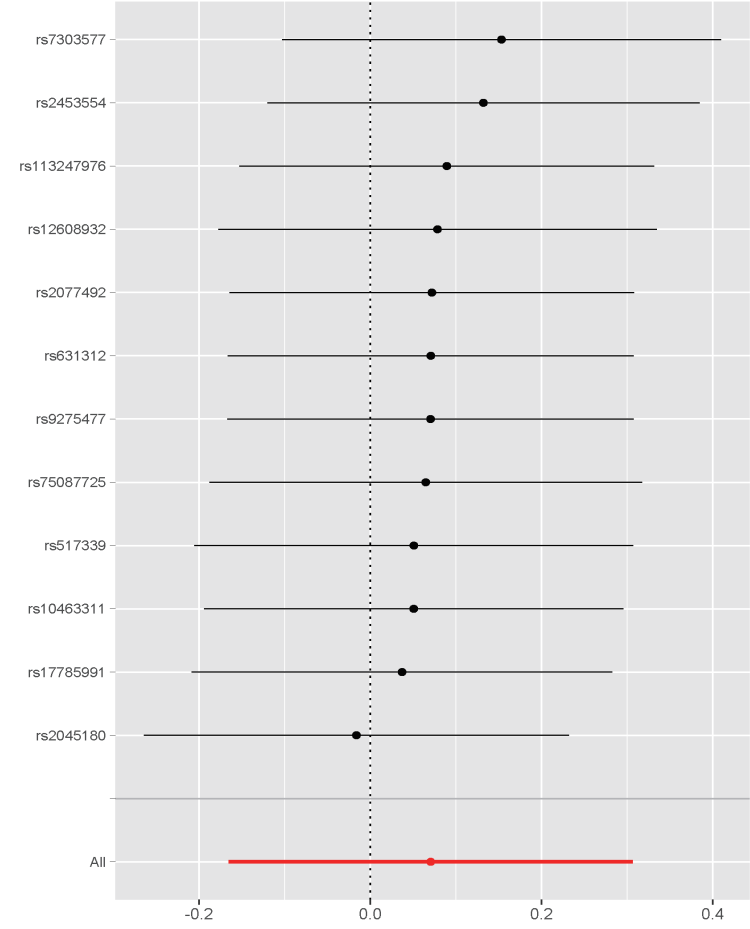


Supplementary Figure S35. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of Amyotrophic lateral sclerosis on NAFLD.

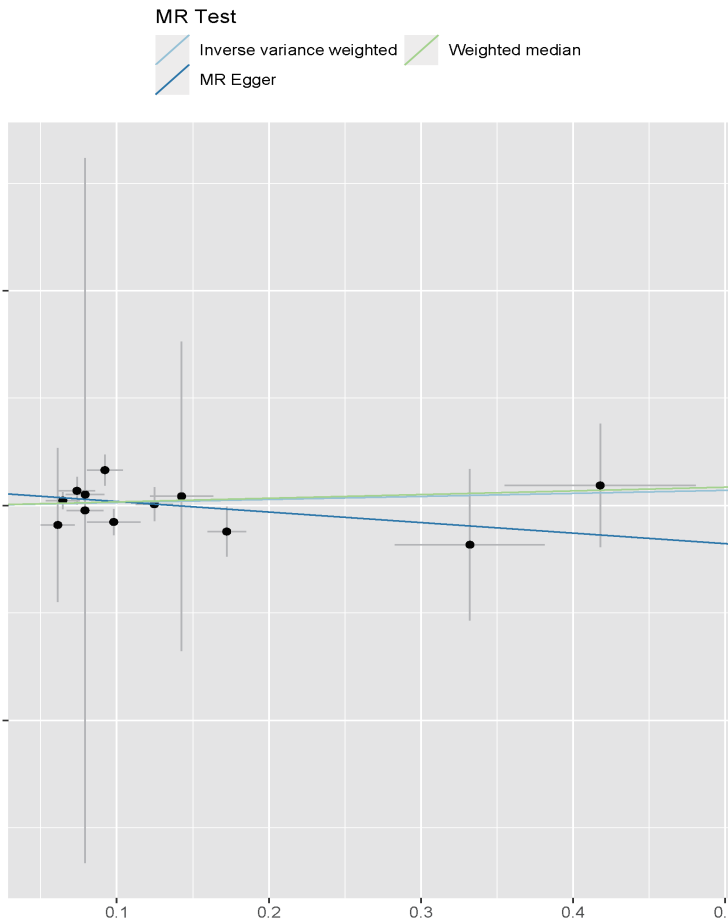
A



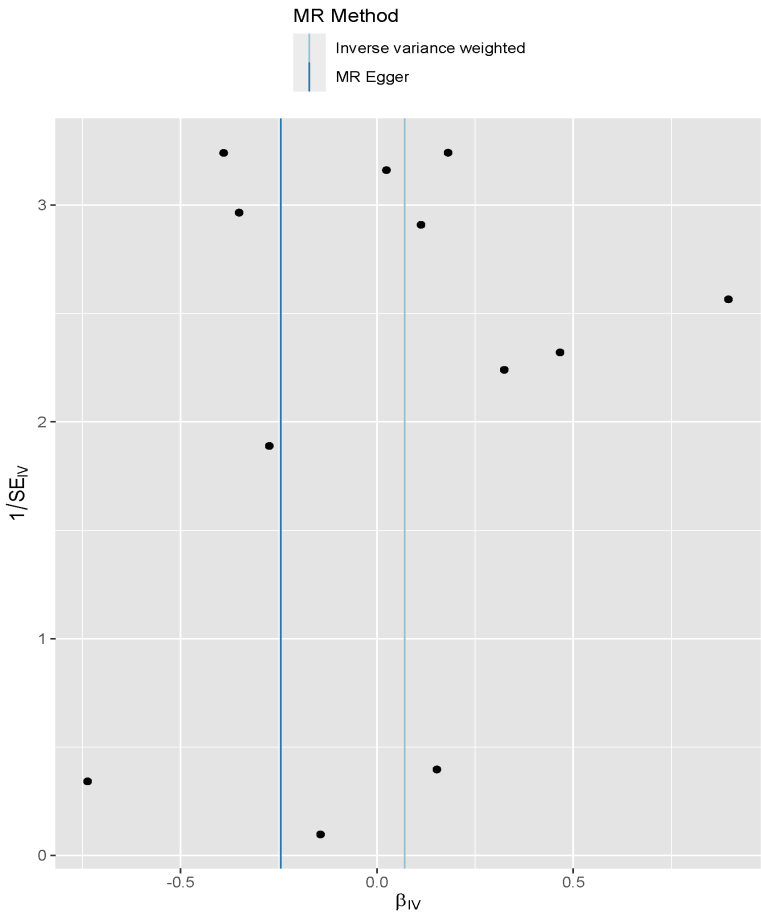
B



C

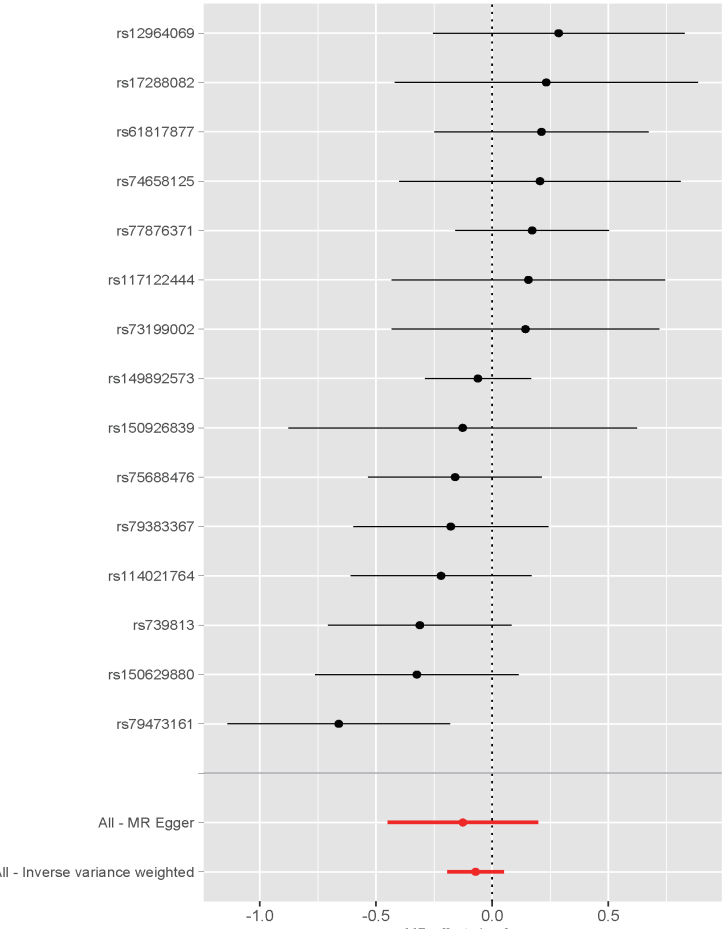


D

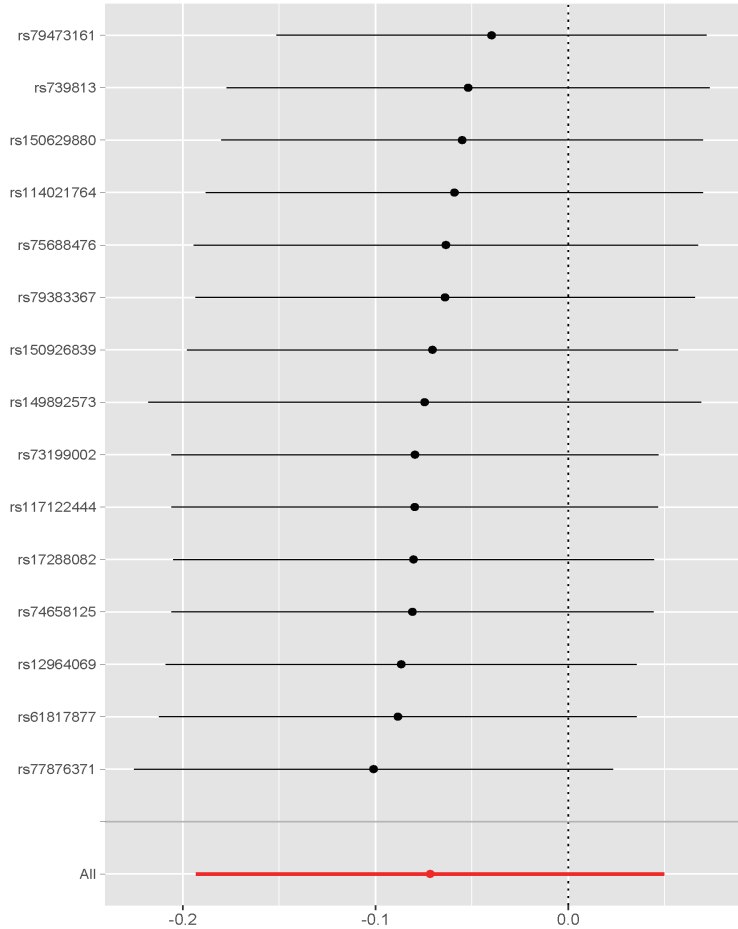


Supplementary Figure S36. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of migraines on NAFLD.

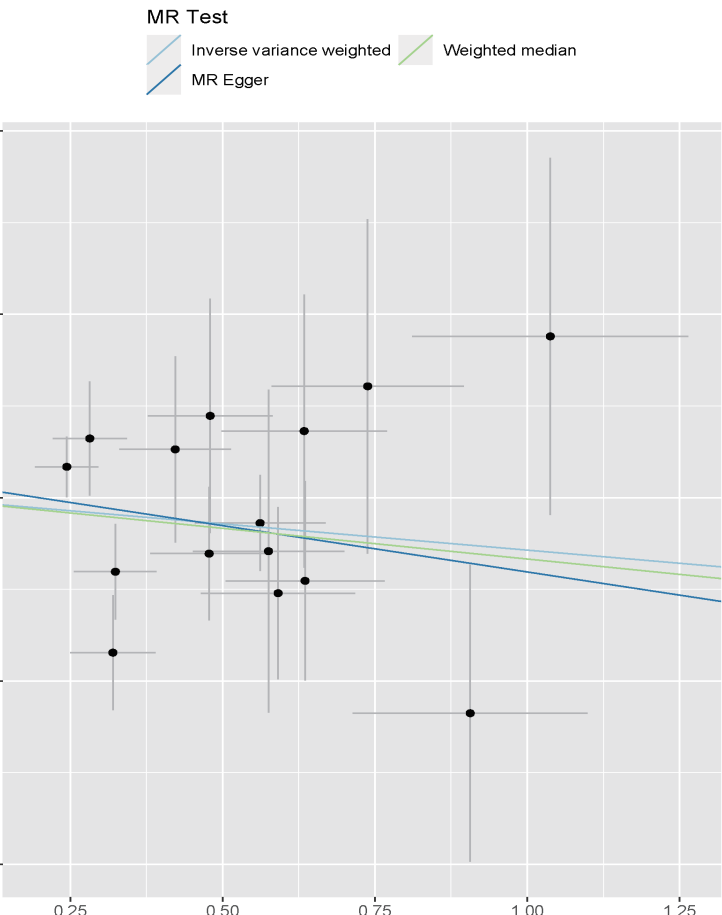
A



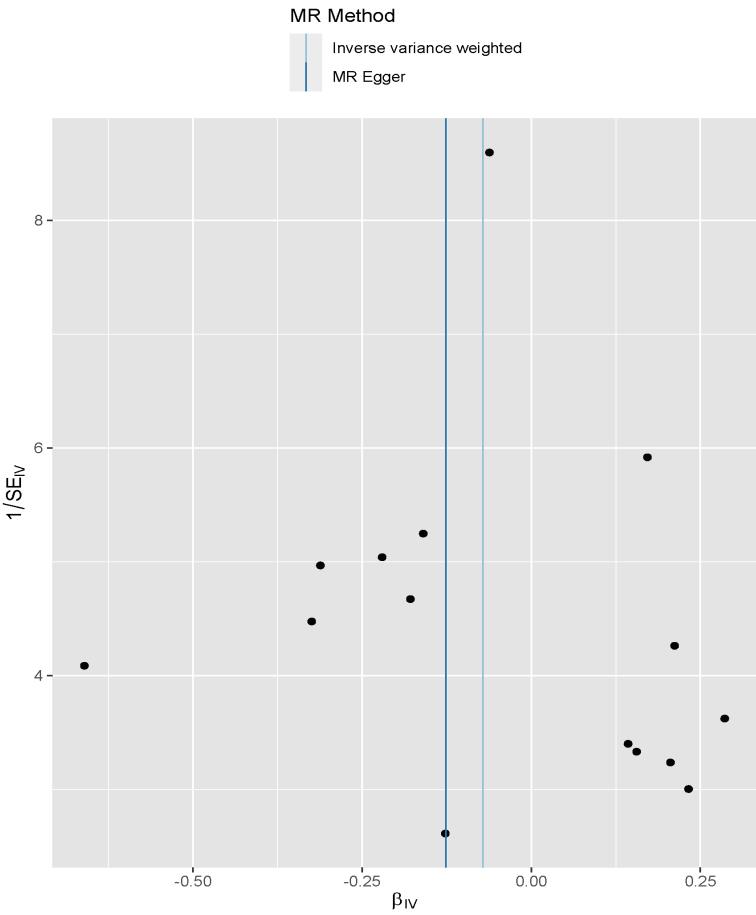
B



C



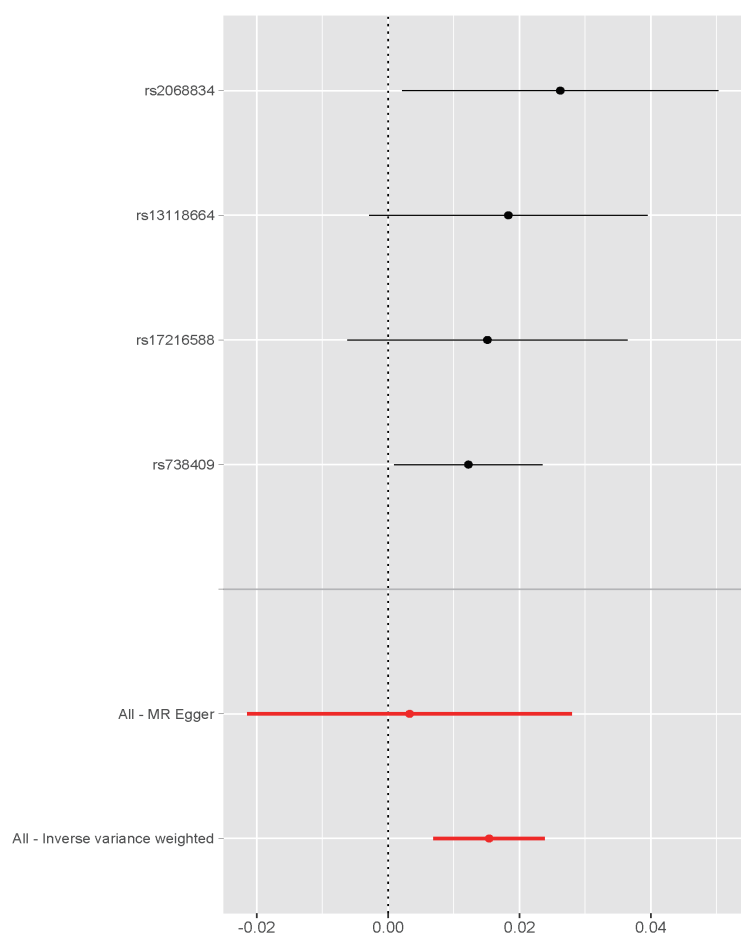
D



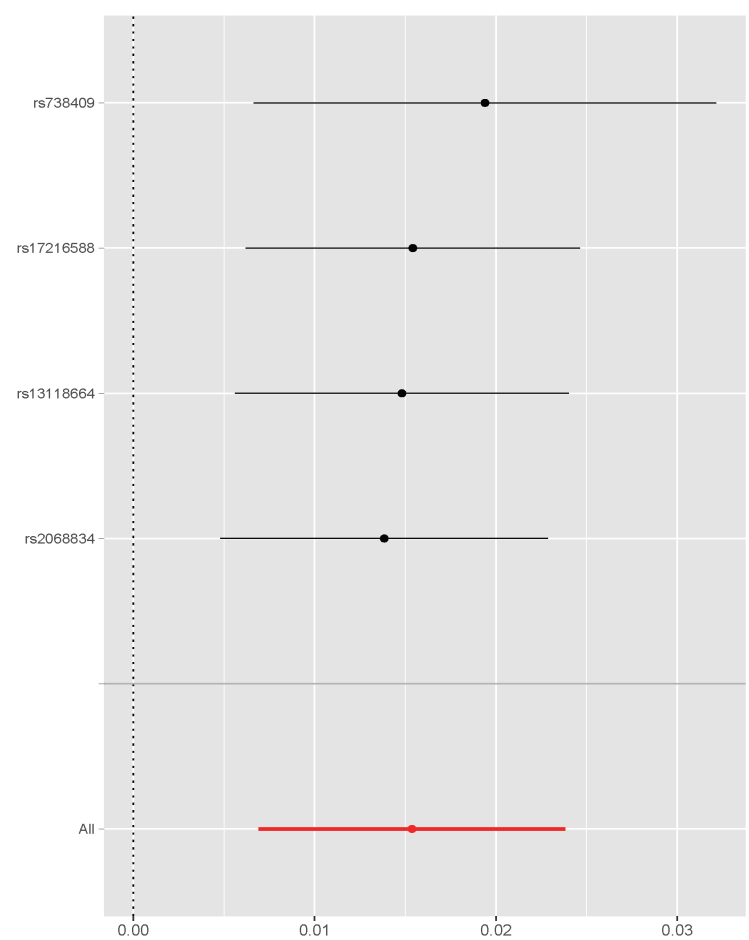


Supplementary Figure S37. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on anxiety.

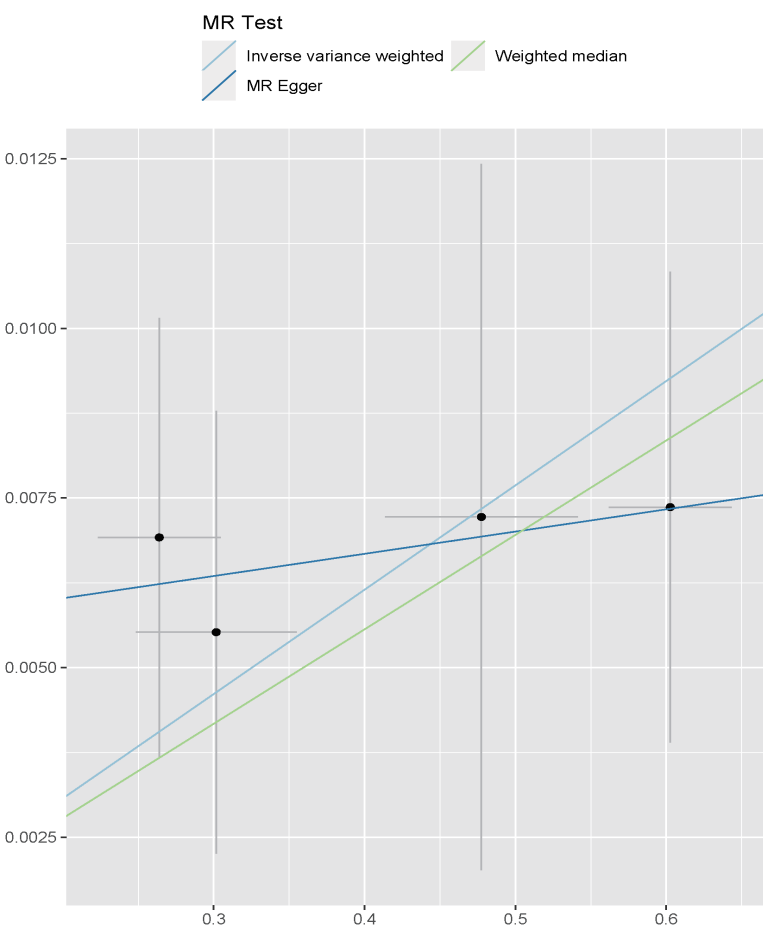
A



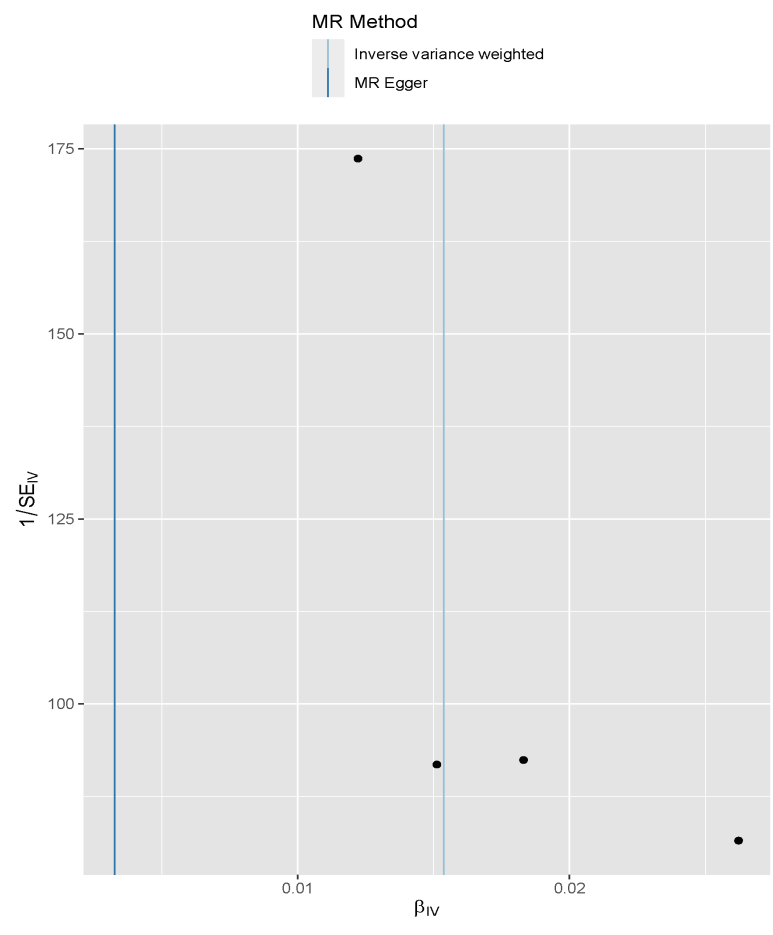
B



C

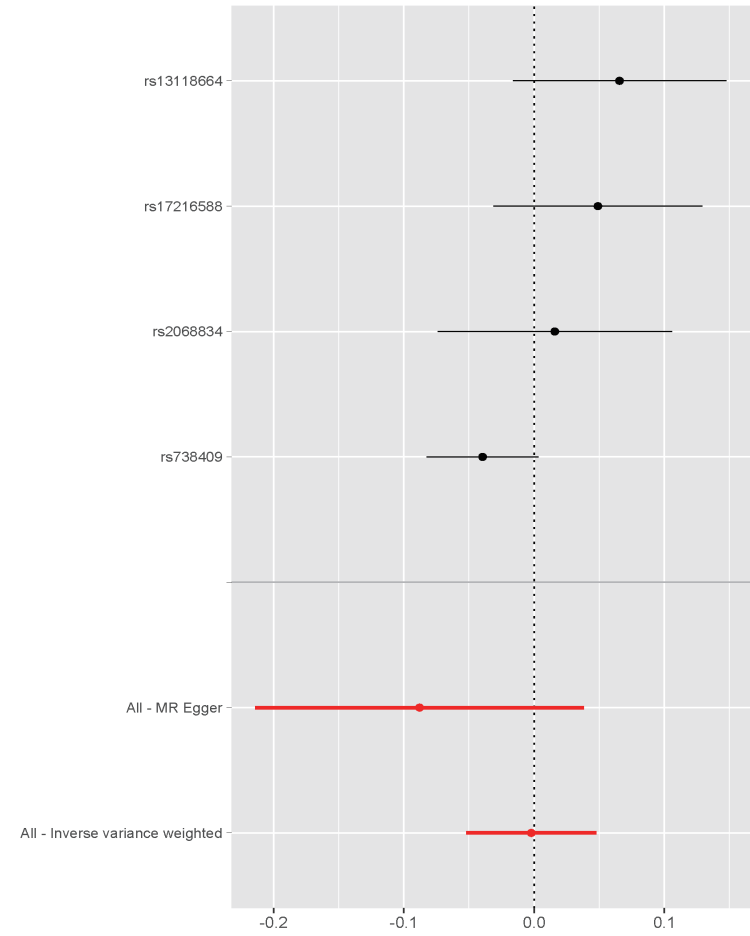


D

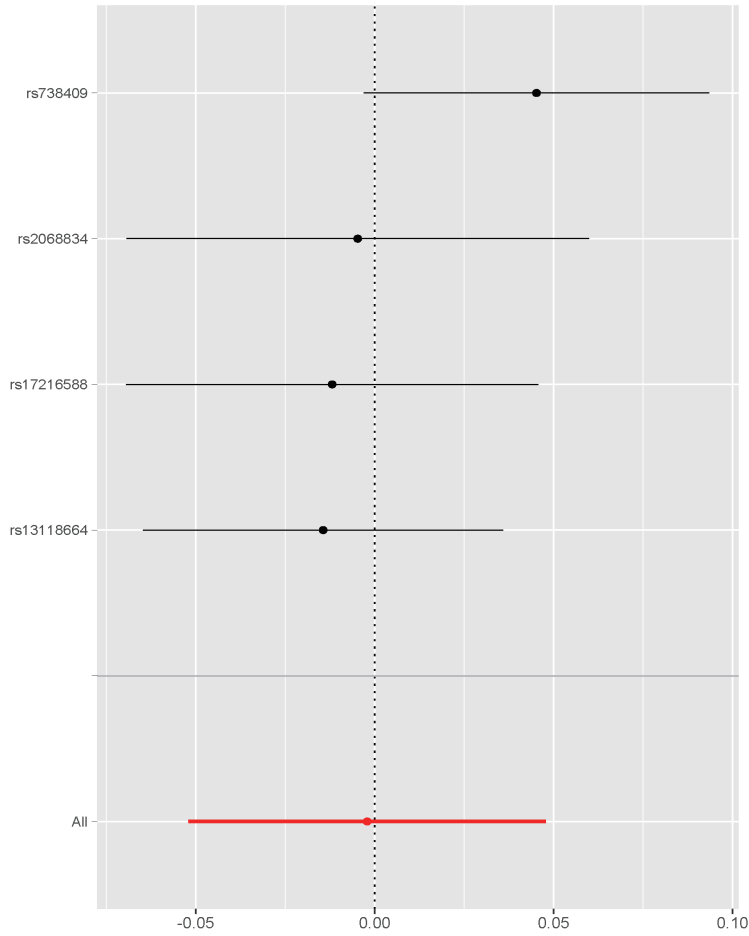


Supplementary Figure S38. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on schizophrenia.

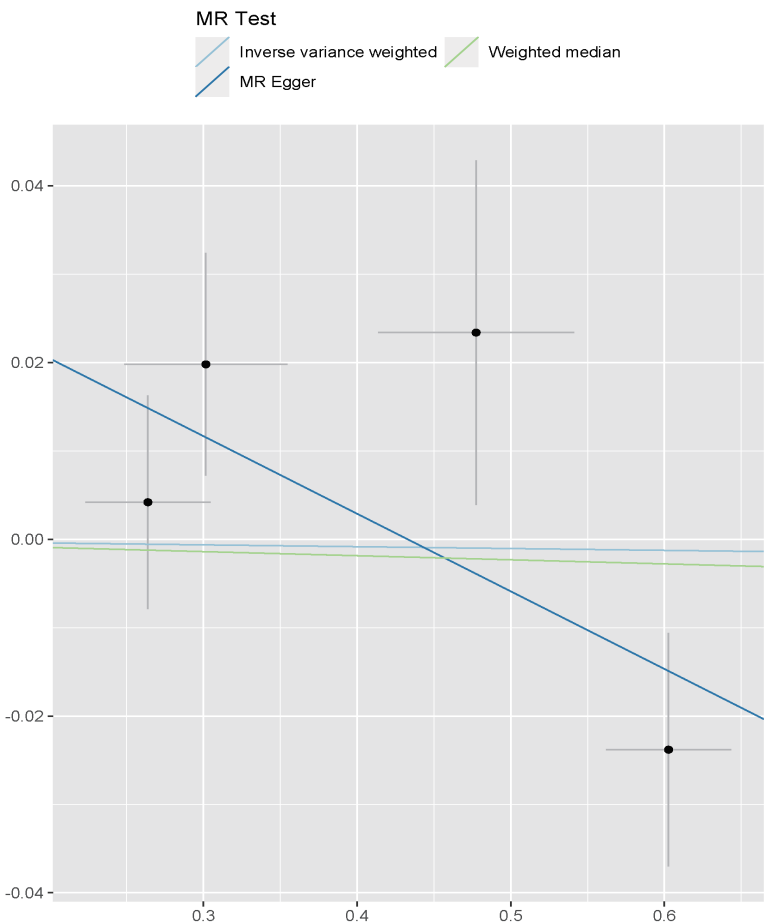
A



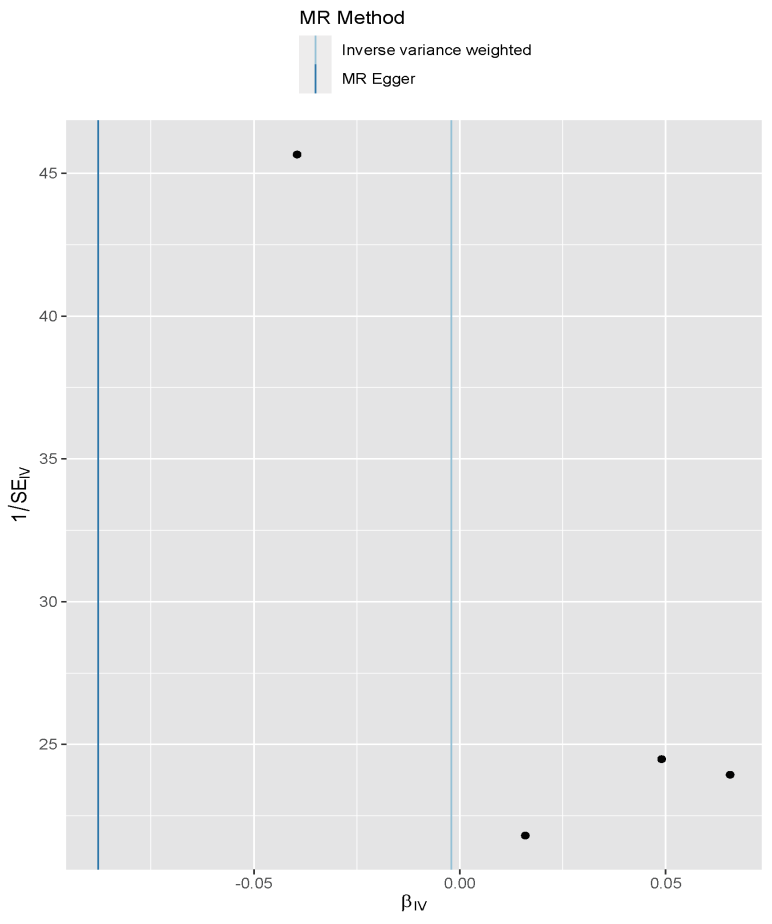
B



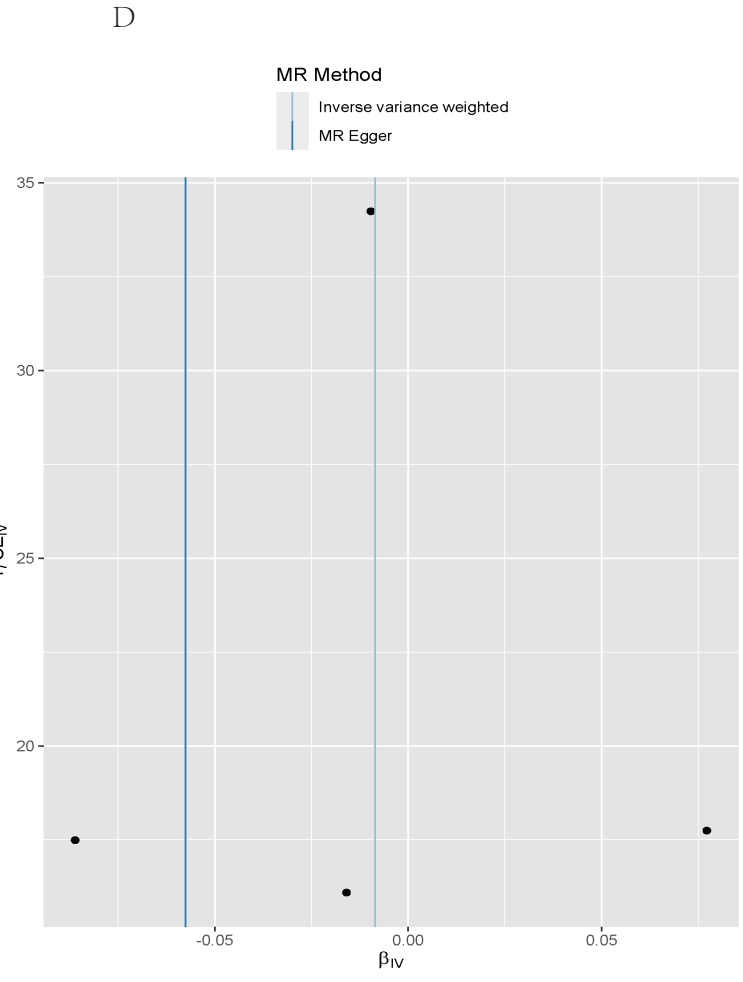
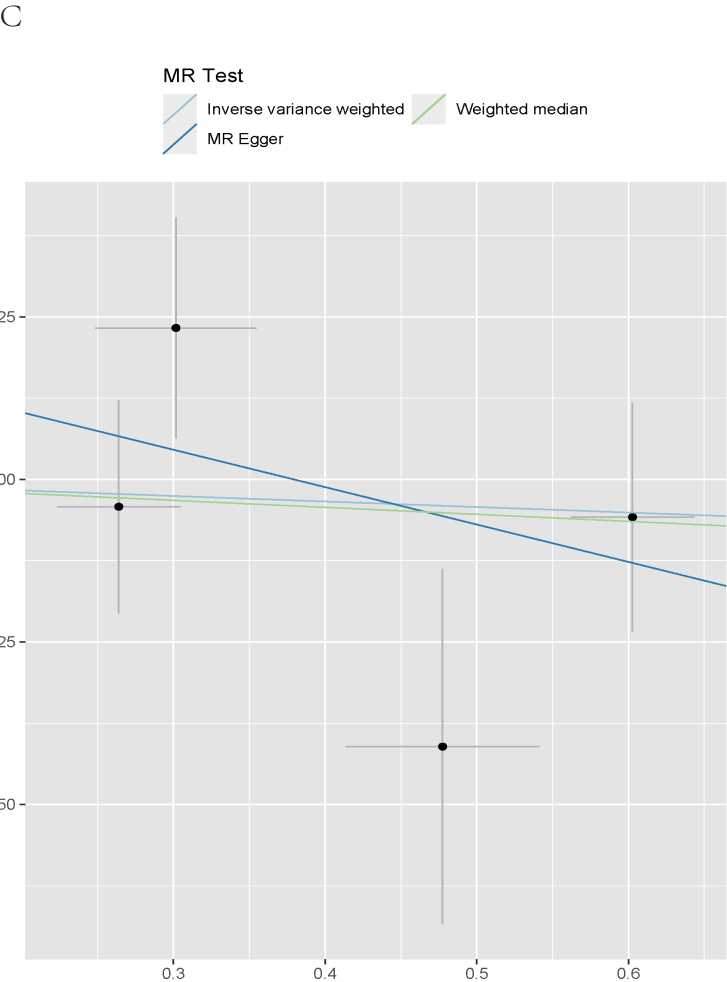
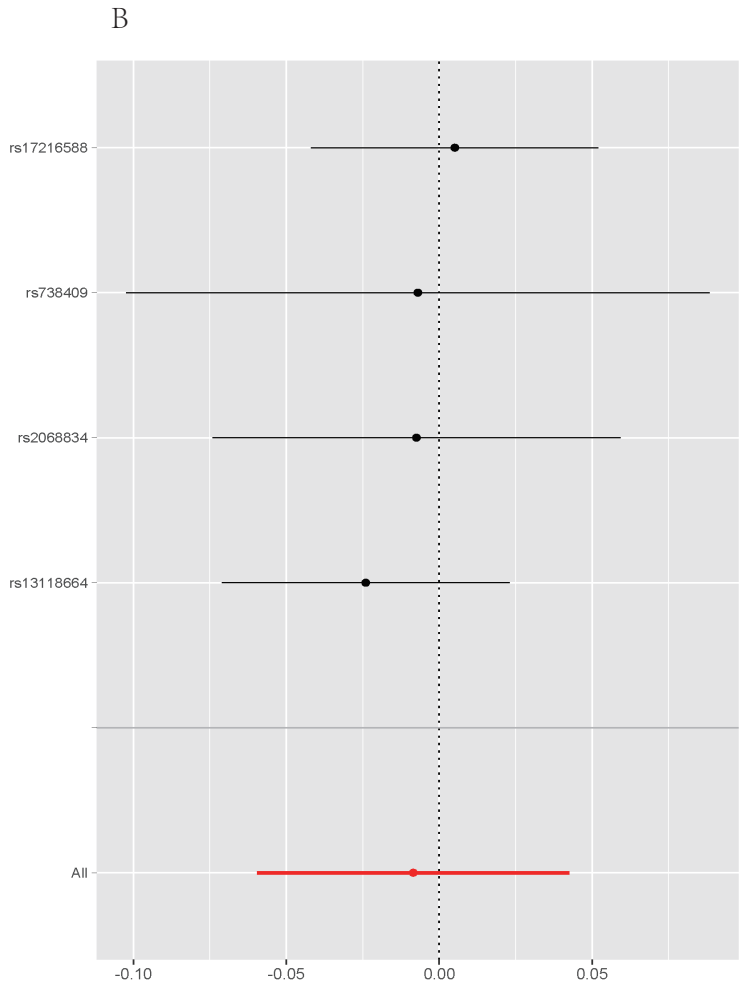
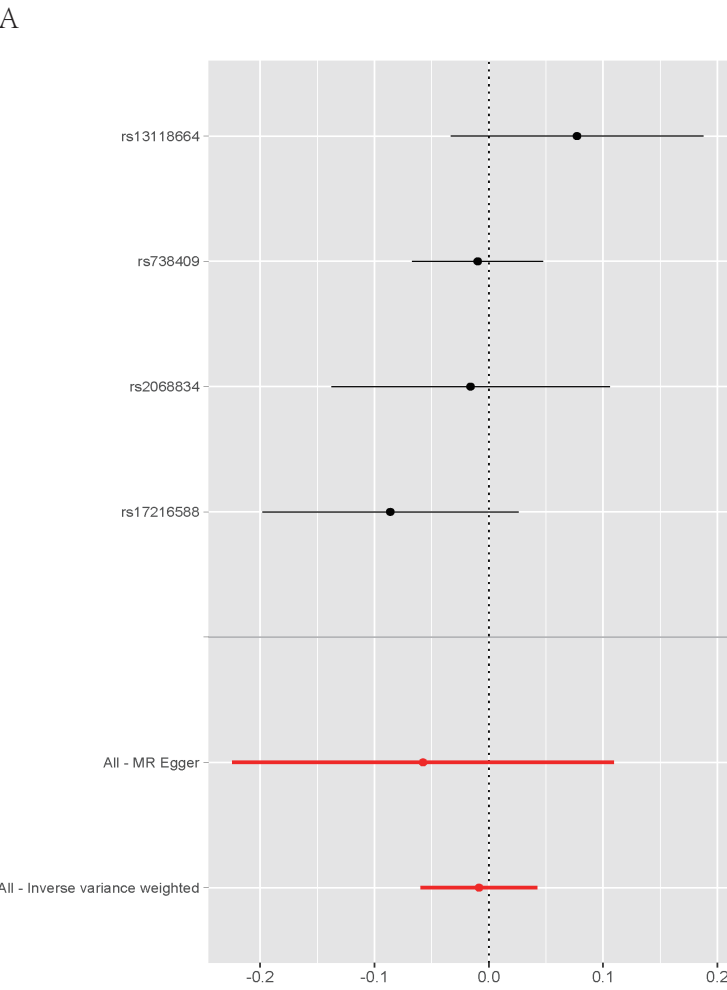
C



D

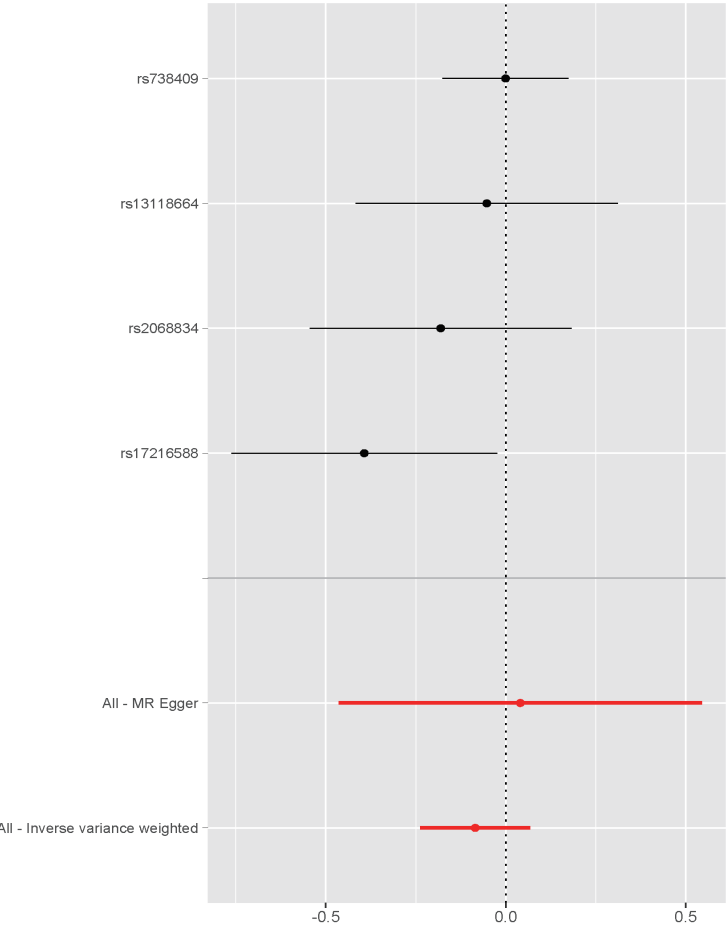


Supplementary Figure S39. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Post-traumatic stress disorder.

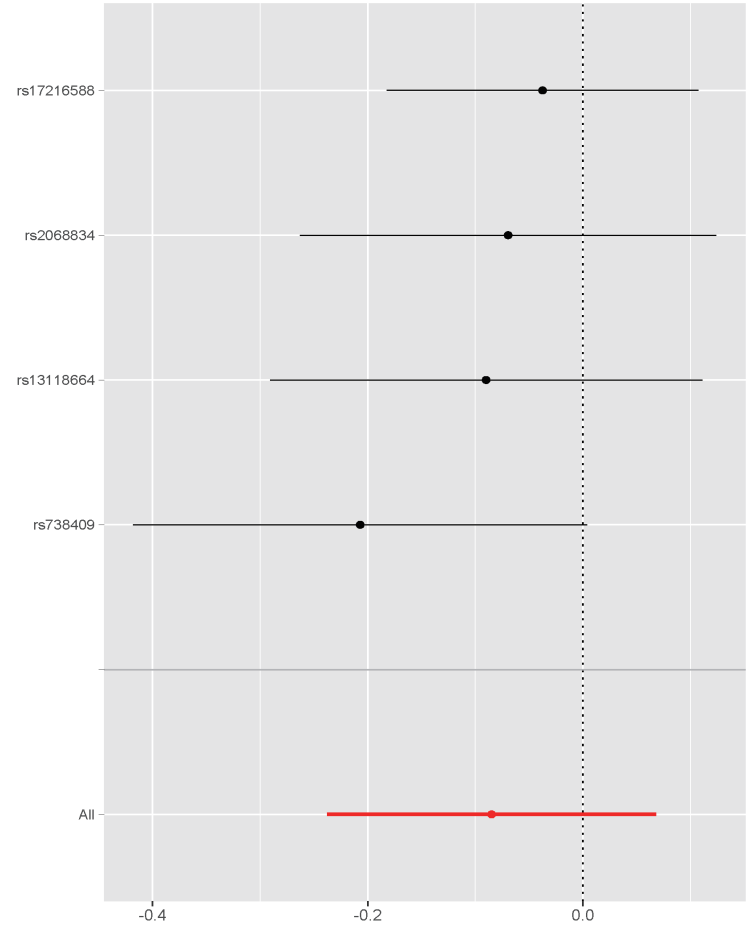


Supplementary Figure S40. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Obsessive-compulsive disorder.

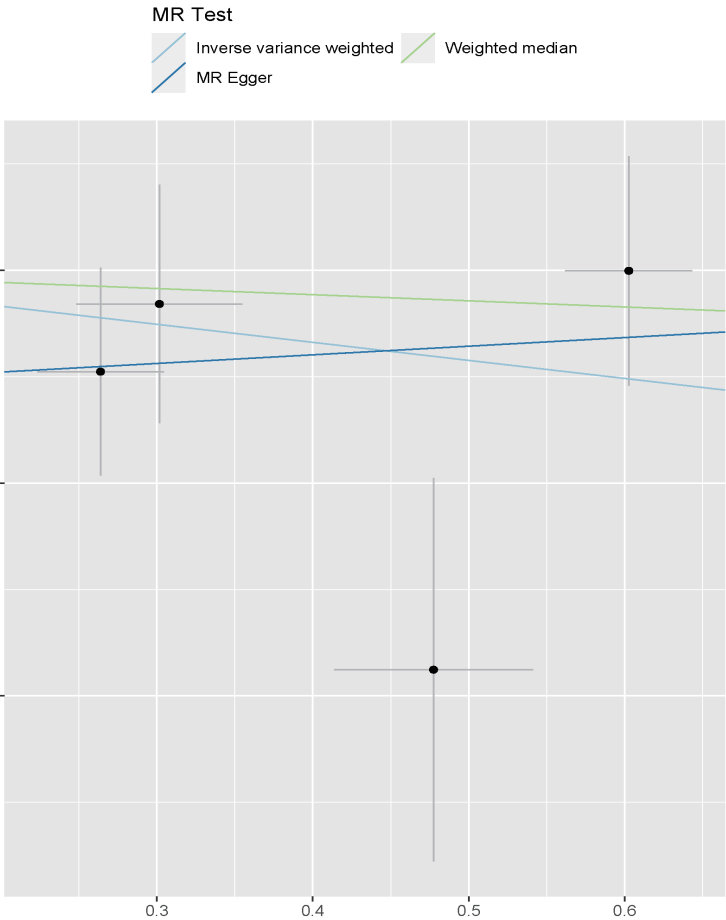
A



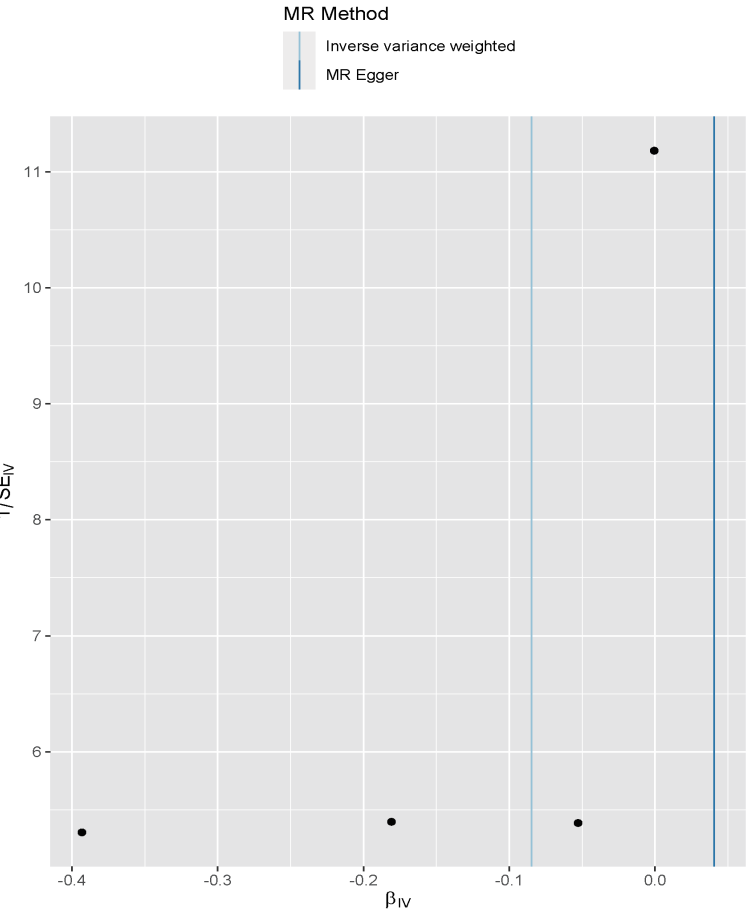
B



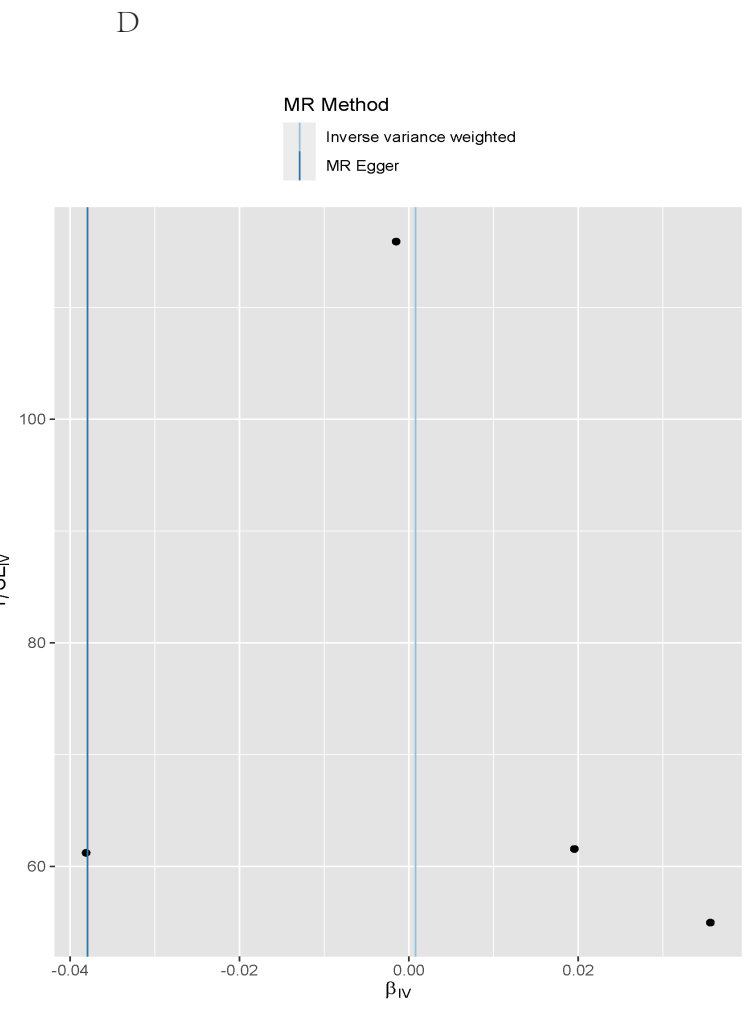
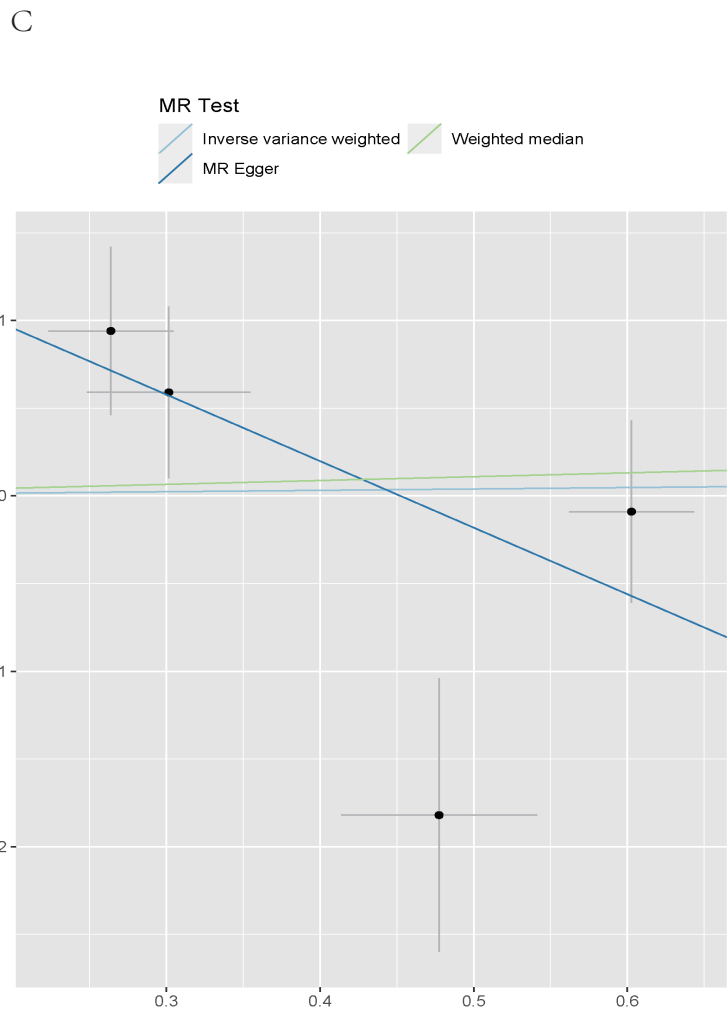
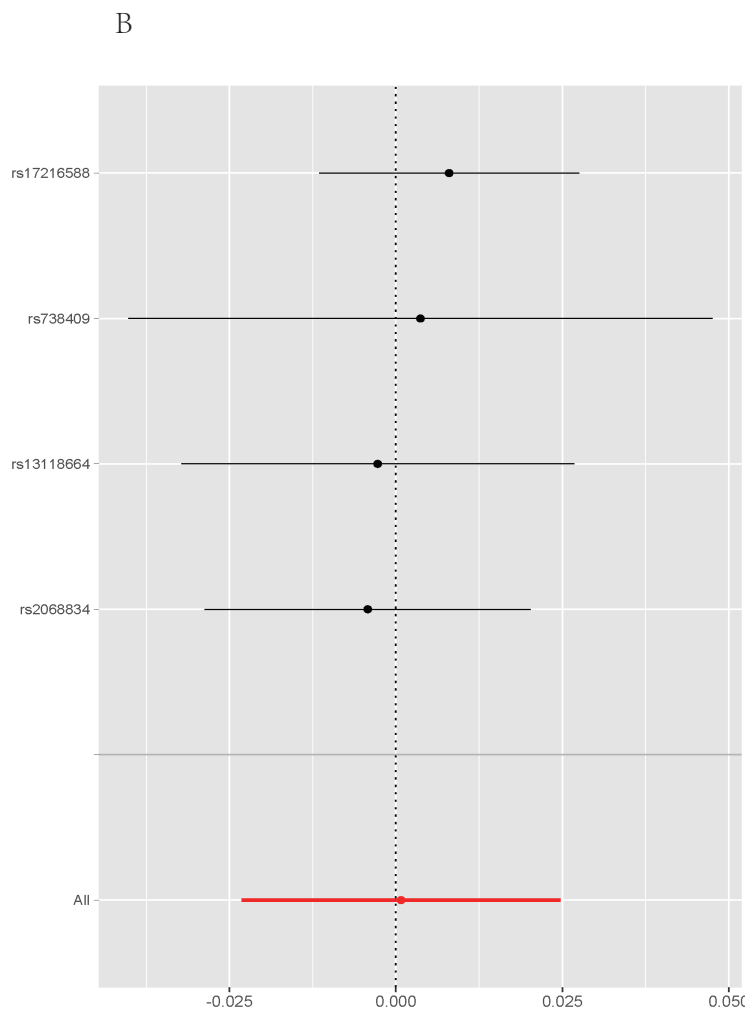
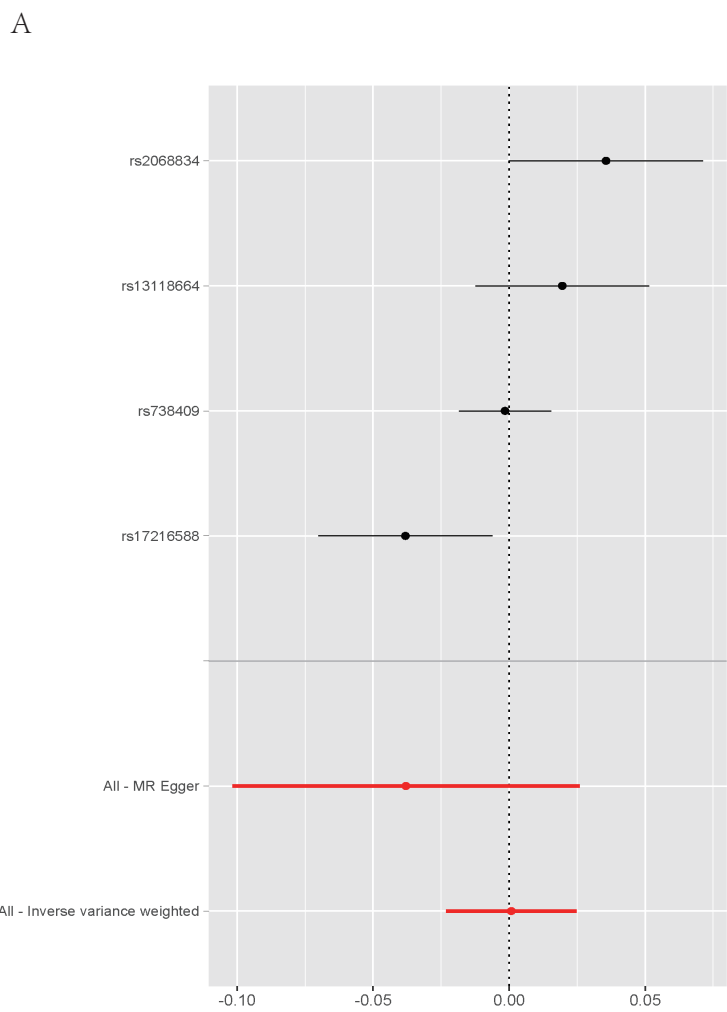
C



D

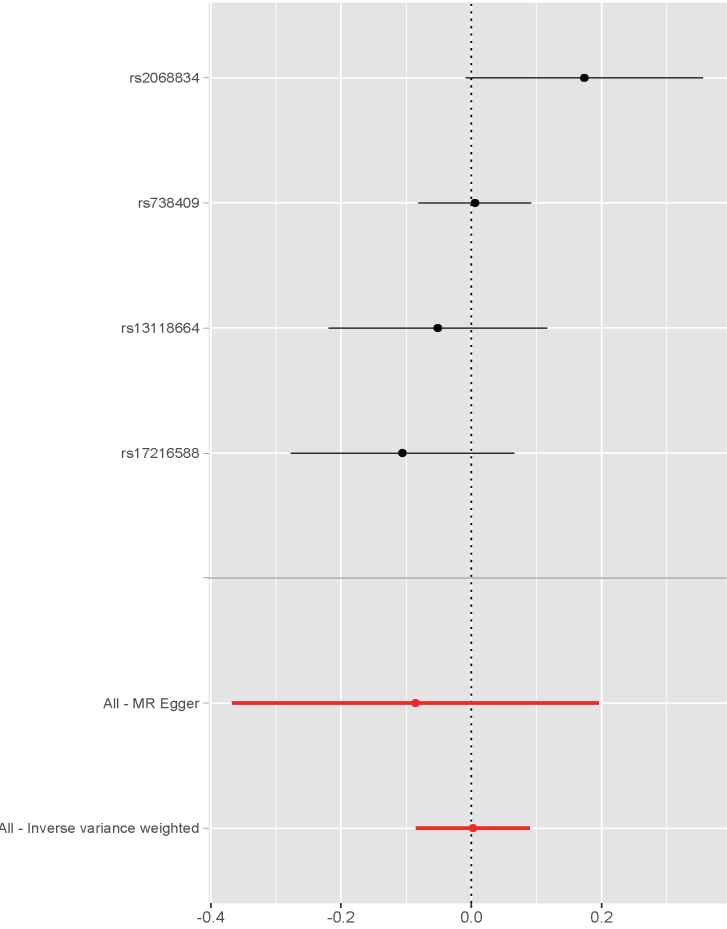


Supplementary Figure S41. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Major Depressive Disorder.

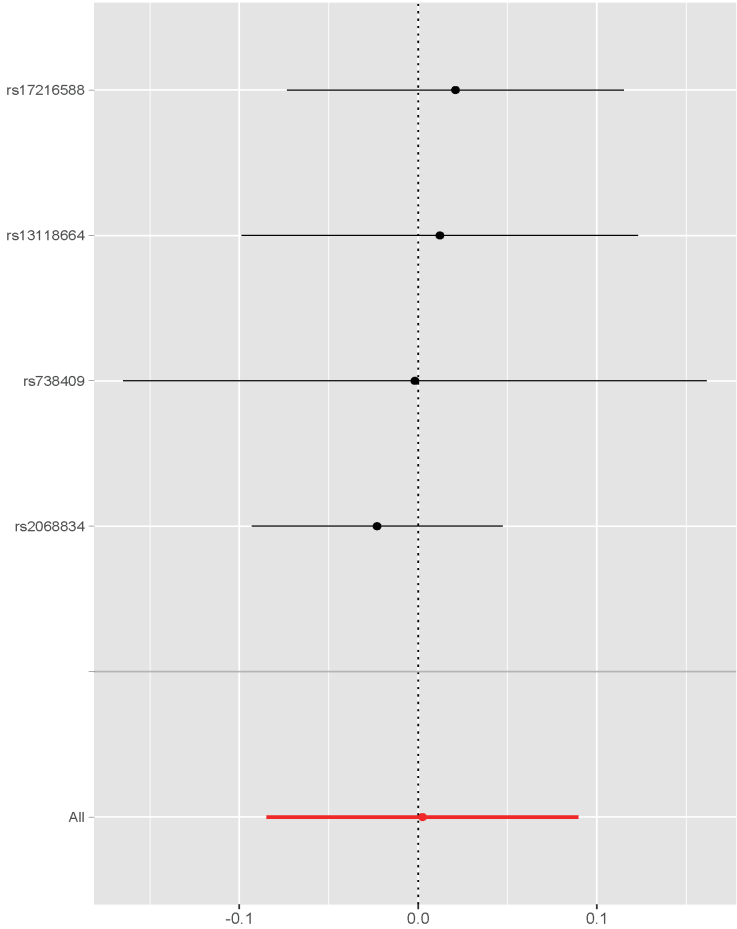


Supplementary Figure S42. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Bipolar disorder.

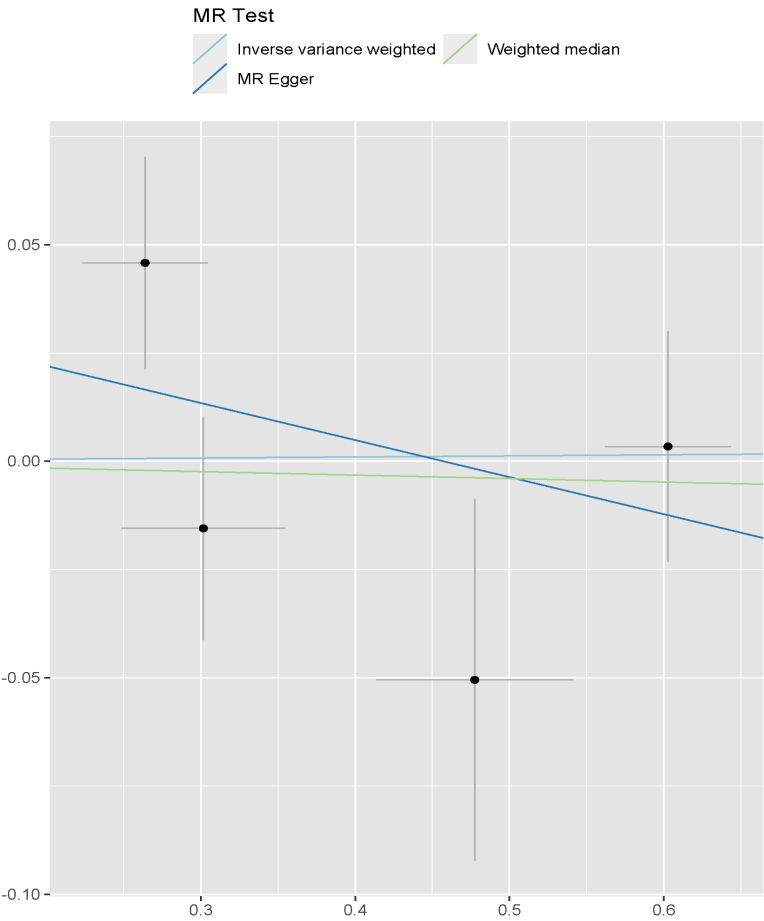
A



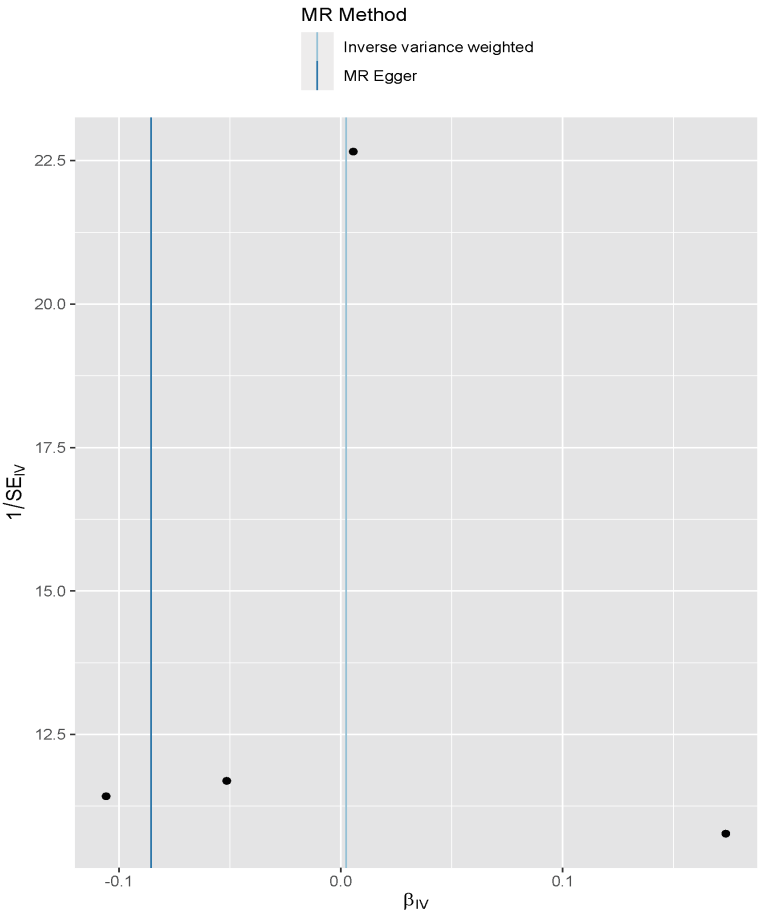
B



C

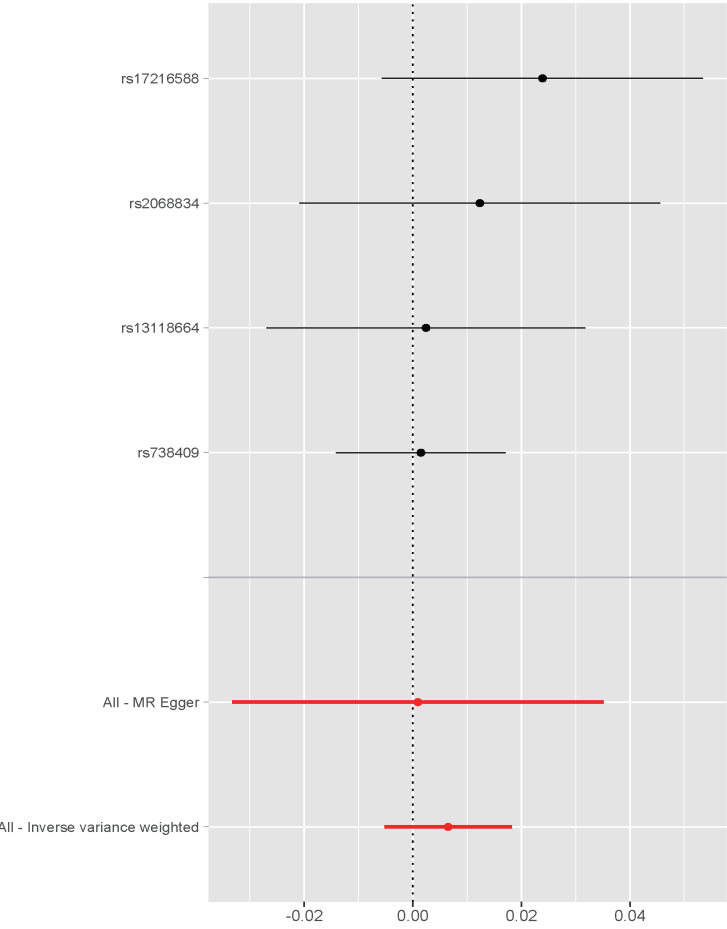


D

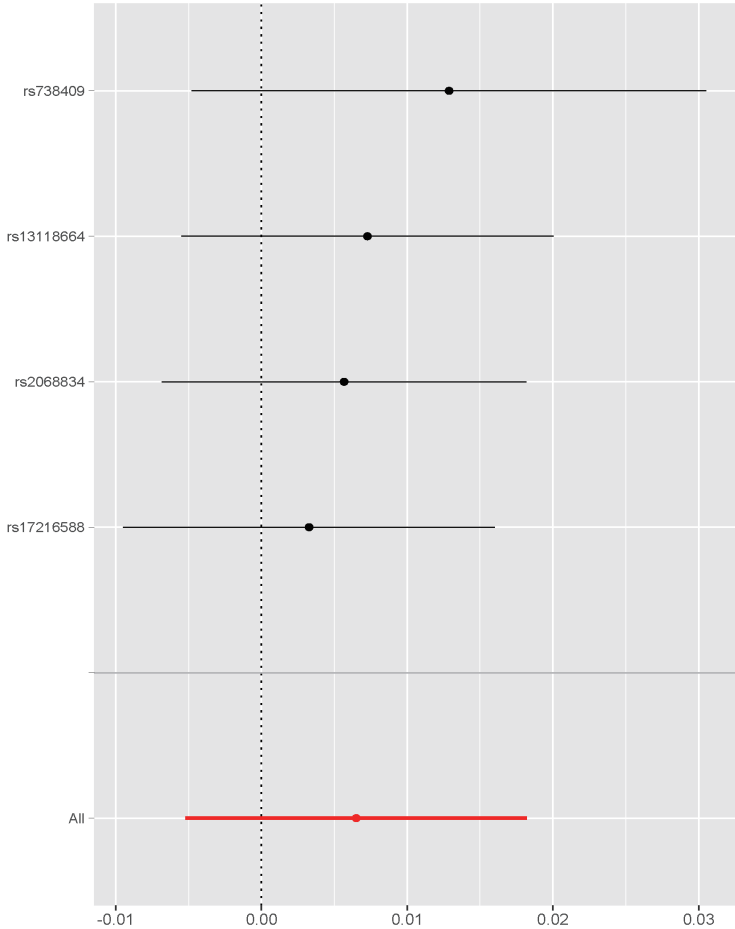


Supplementary Figure S43. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on mania.

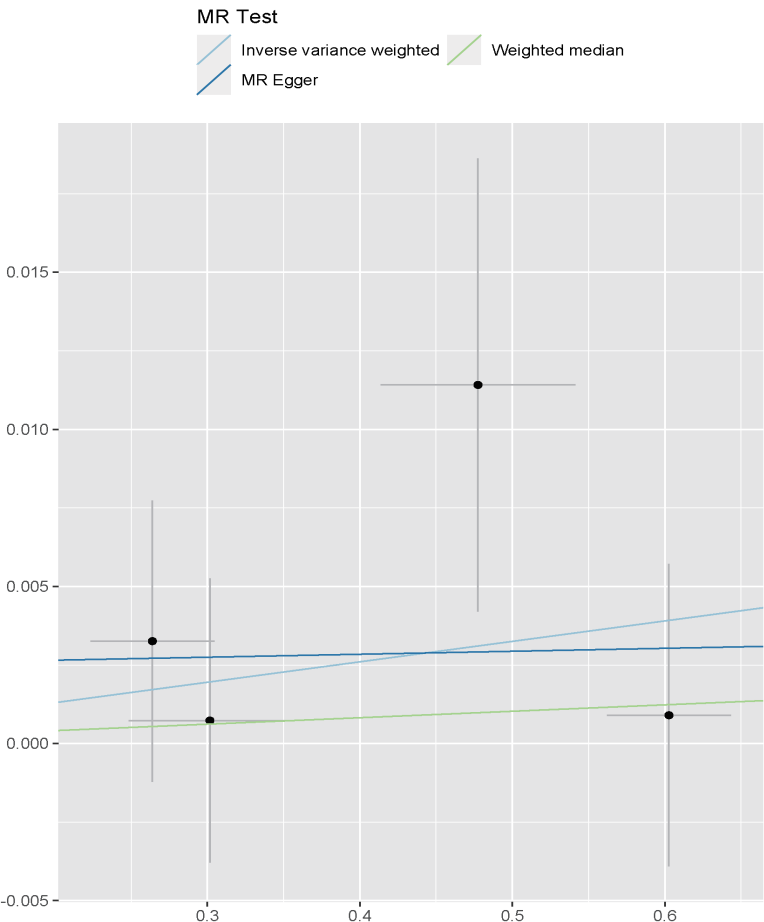
A



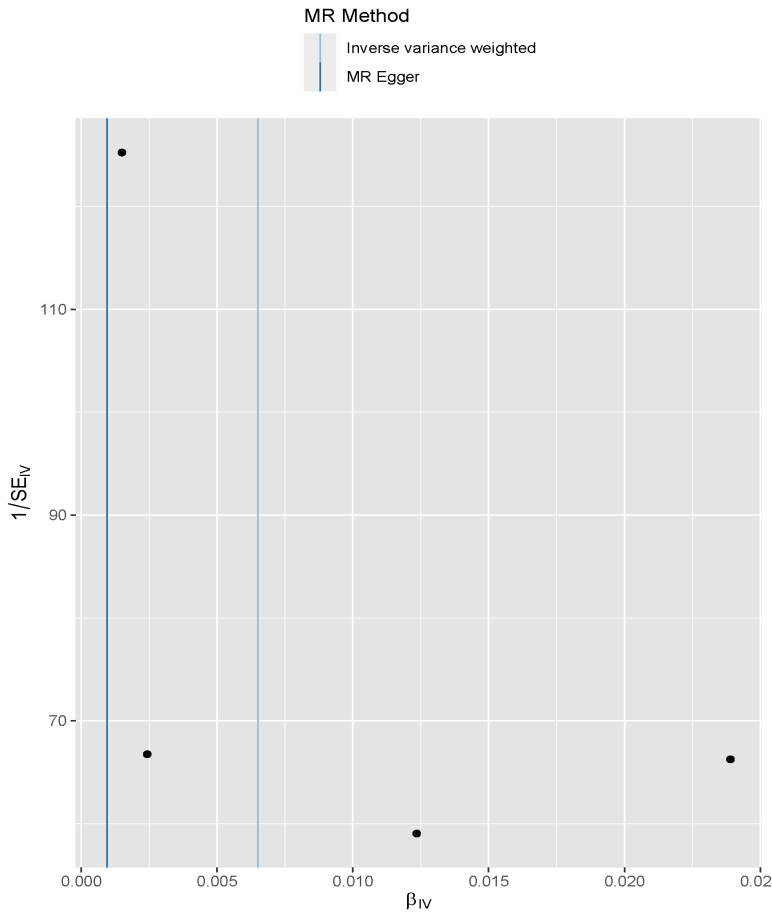
B



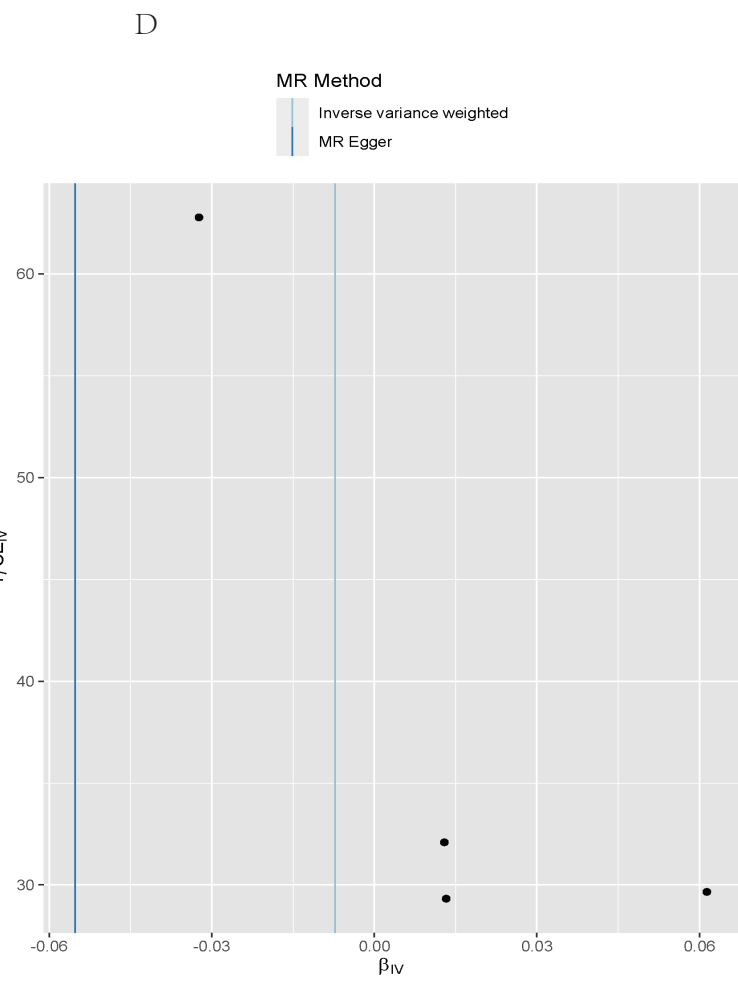
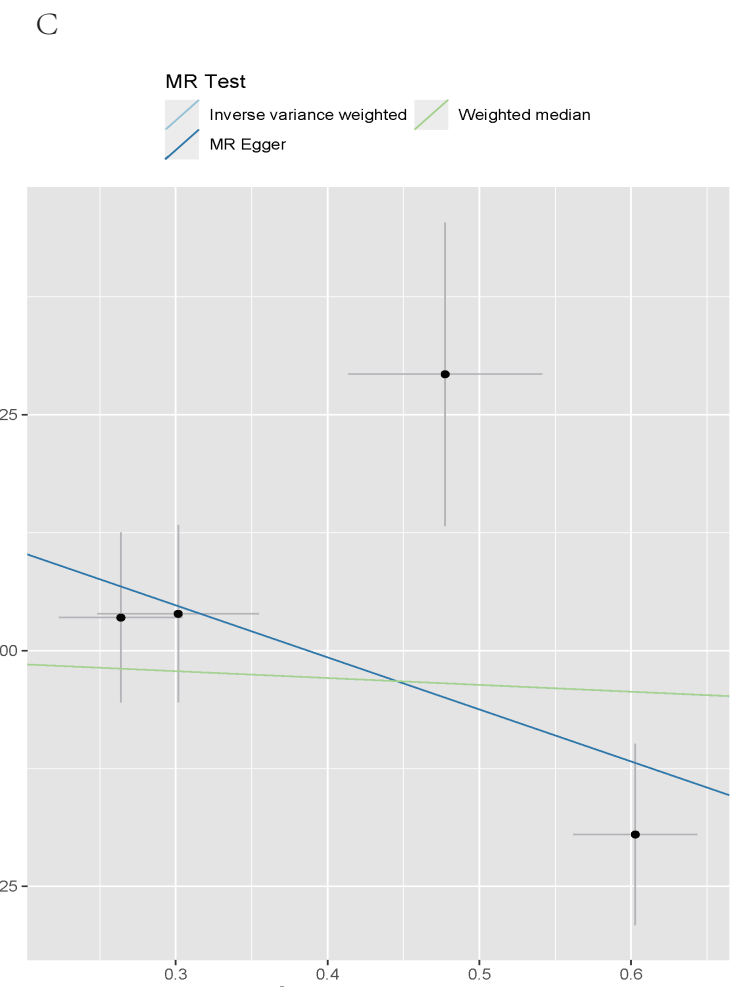
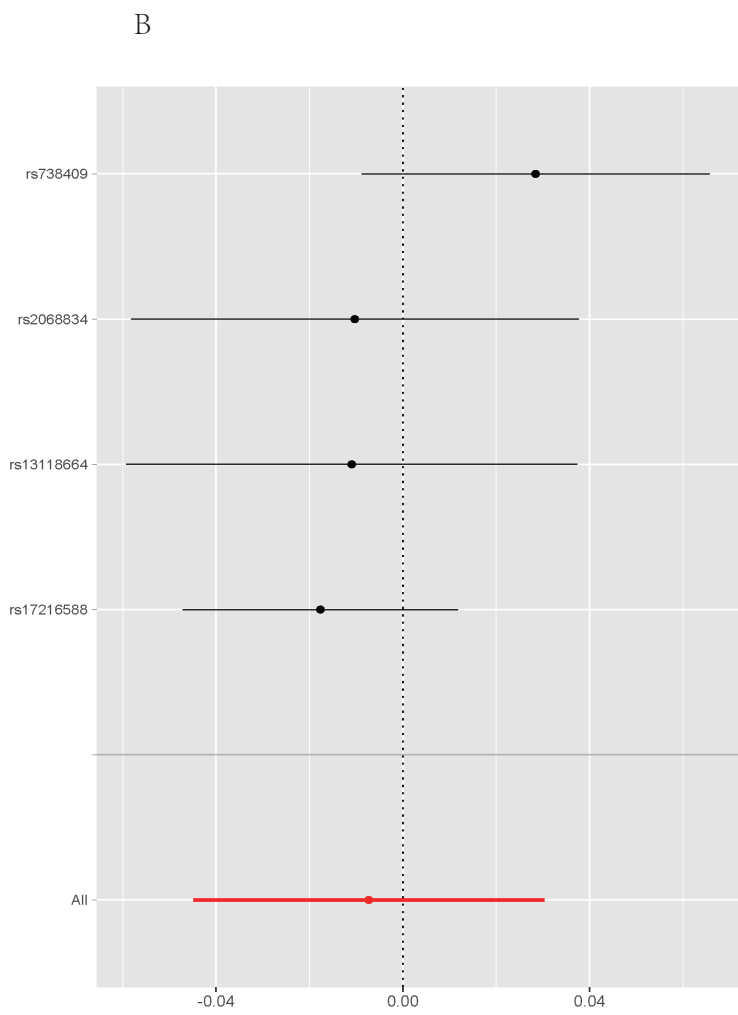
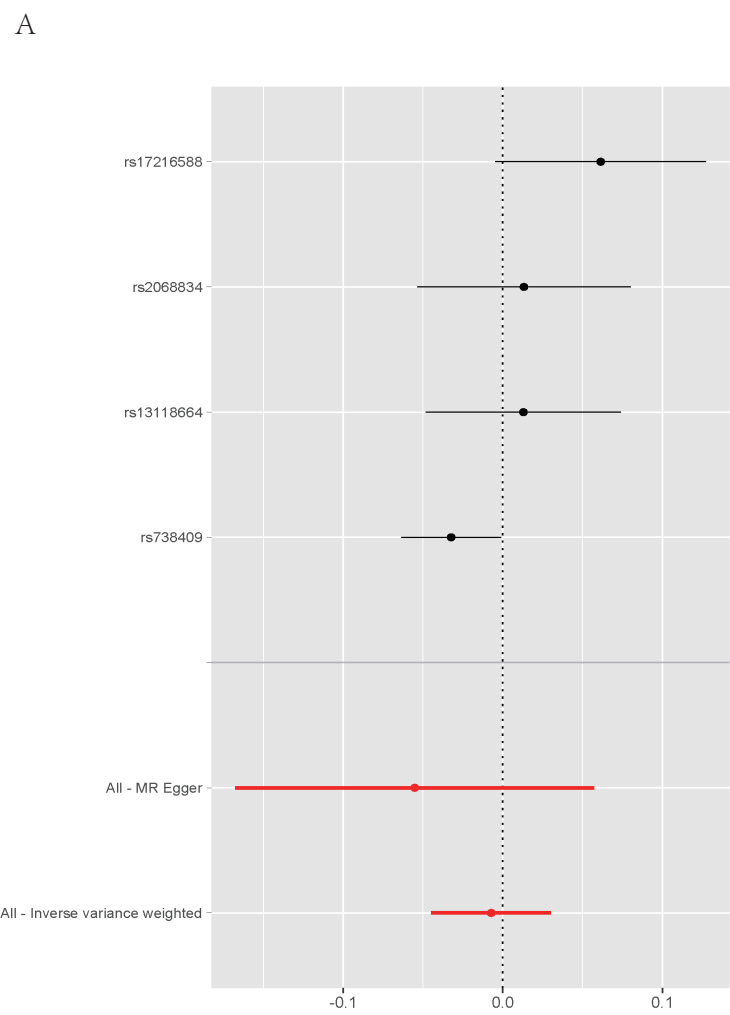
C



D



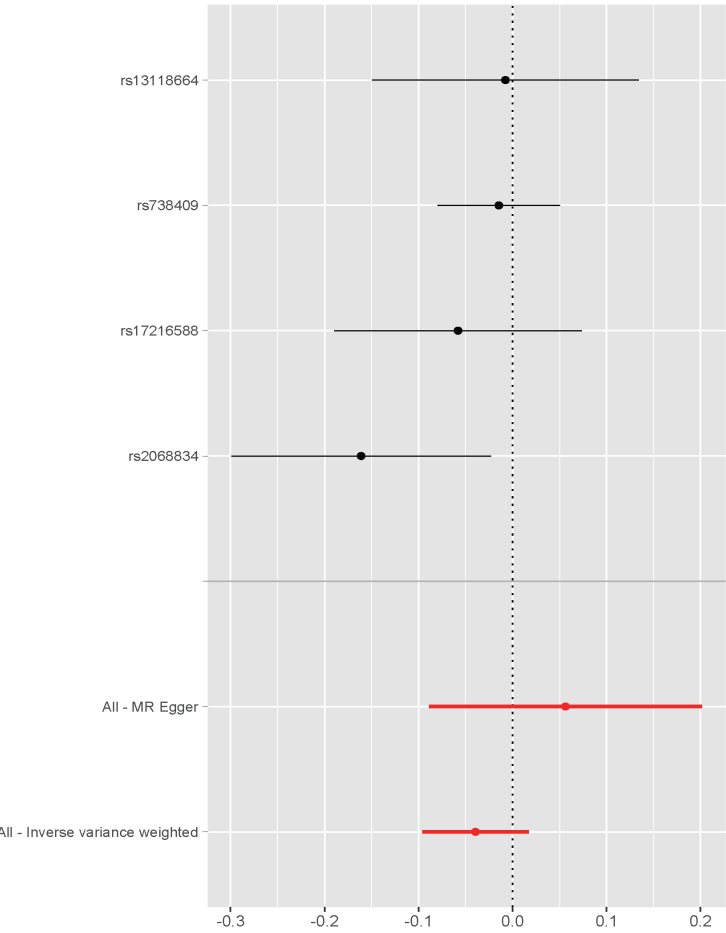
Supplementary Figure S44. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Alzheimer's disease.



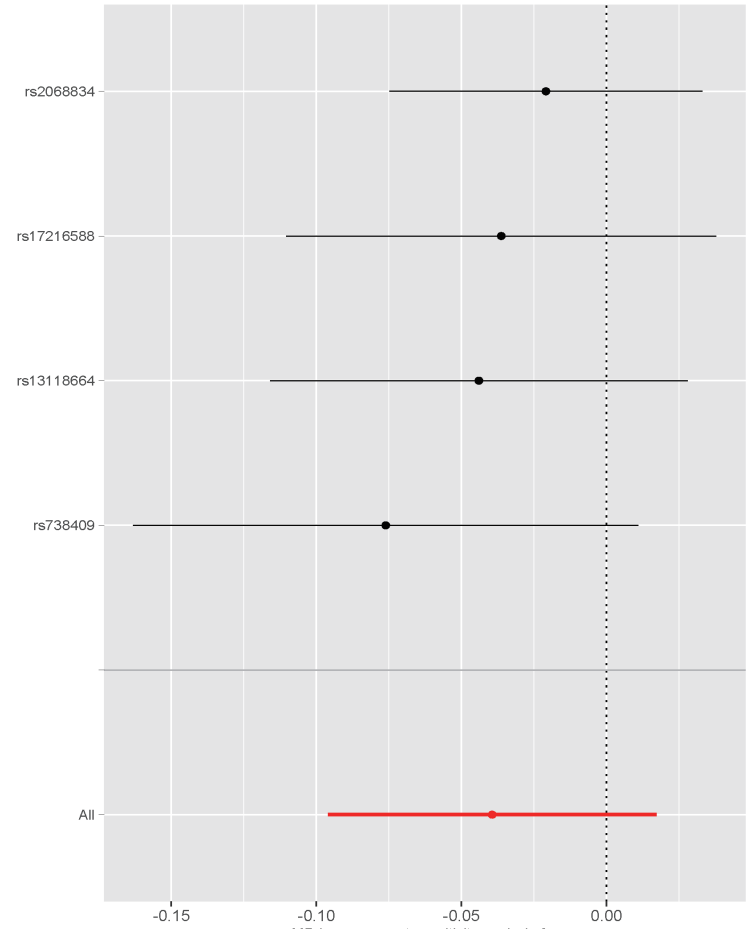


Supplementary Figure S45. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Parkinson's disease.

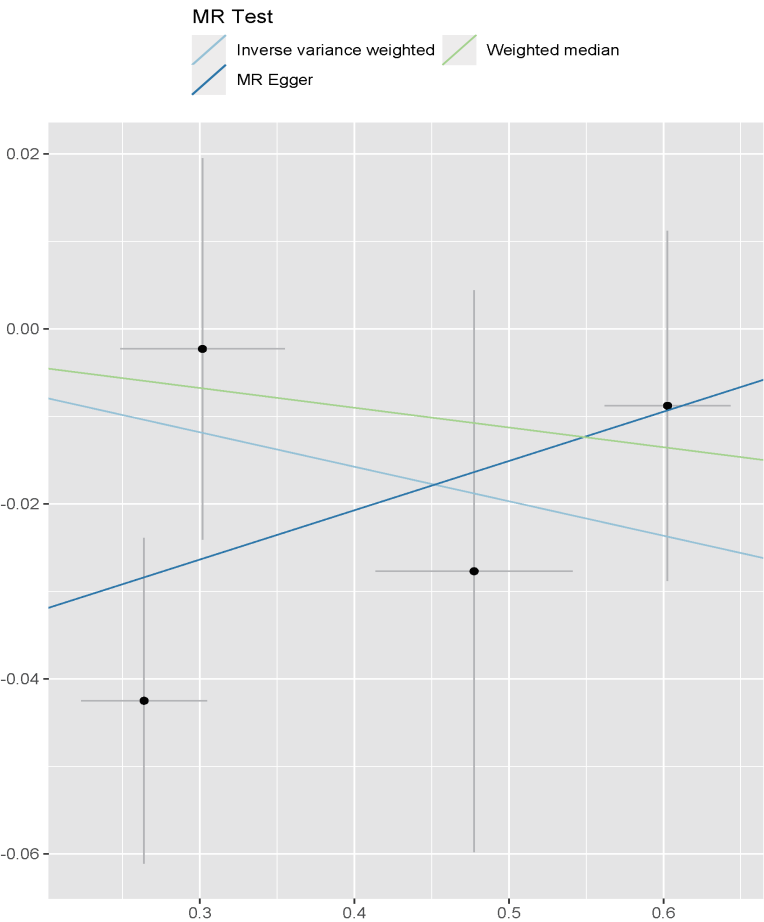
A



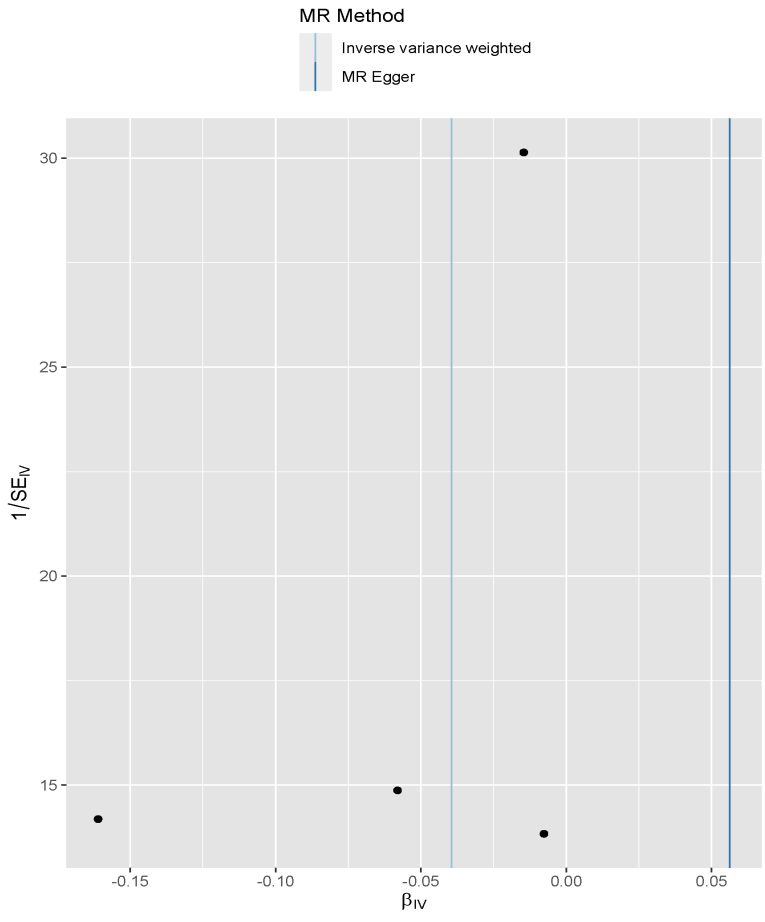
B



C

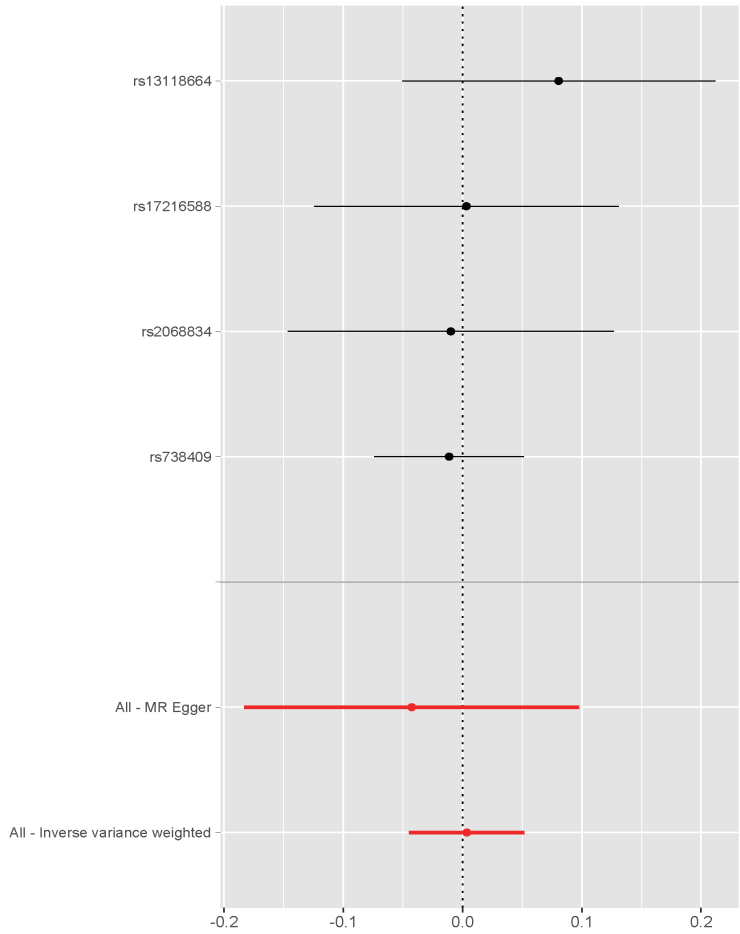


D

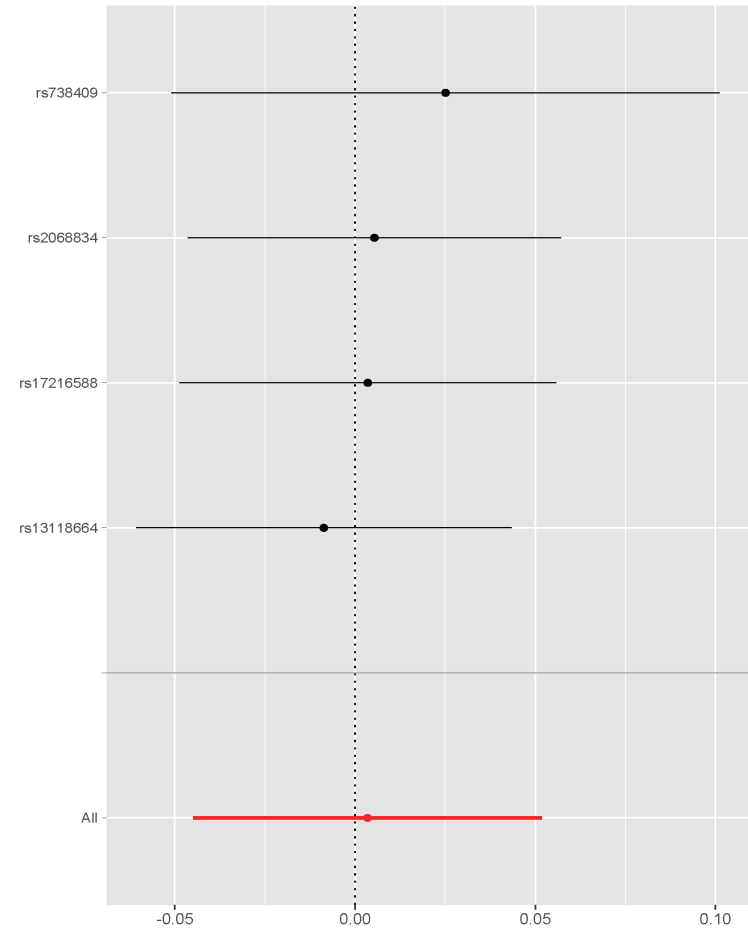


Supplementary Figure S46. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on epilepsy.

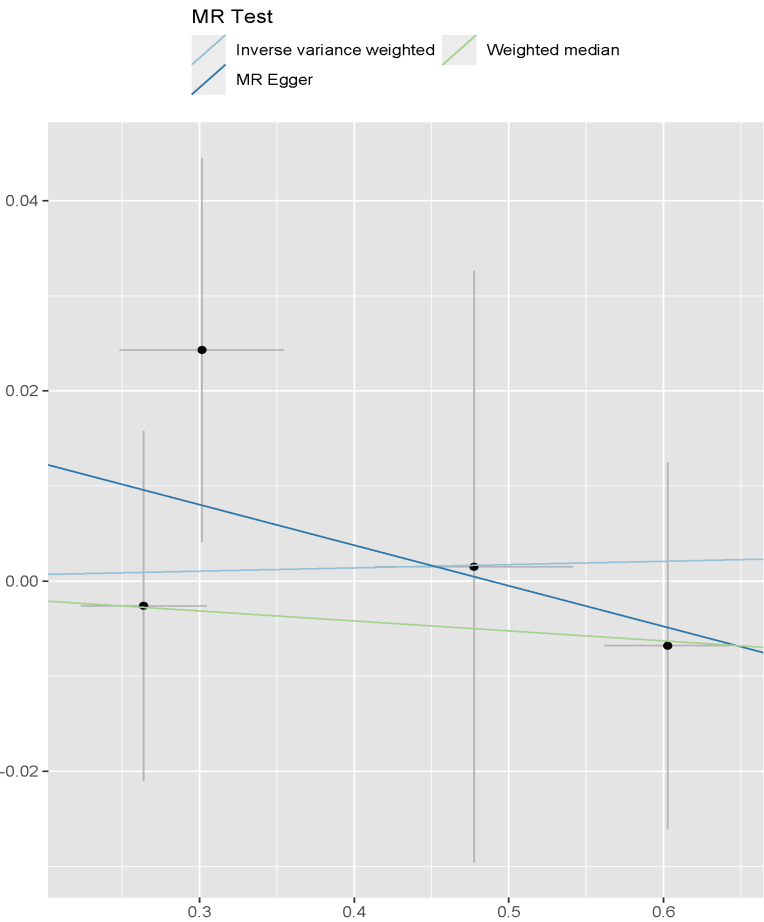
A



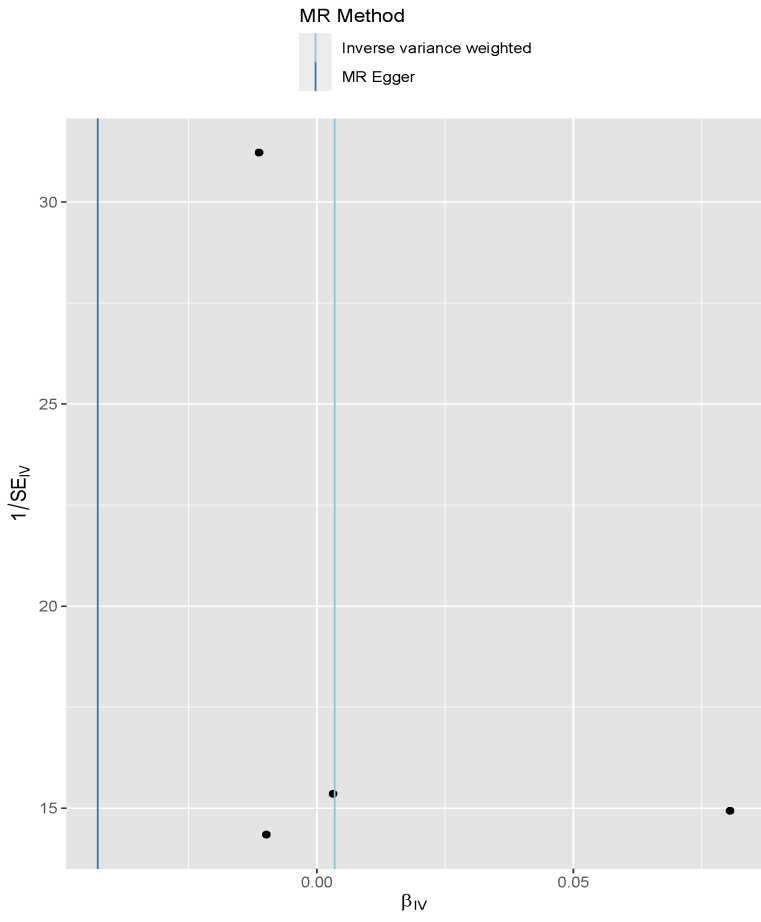
B



C

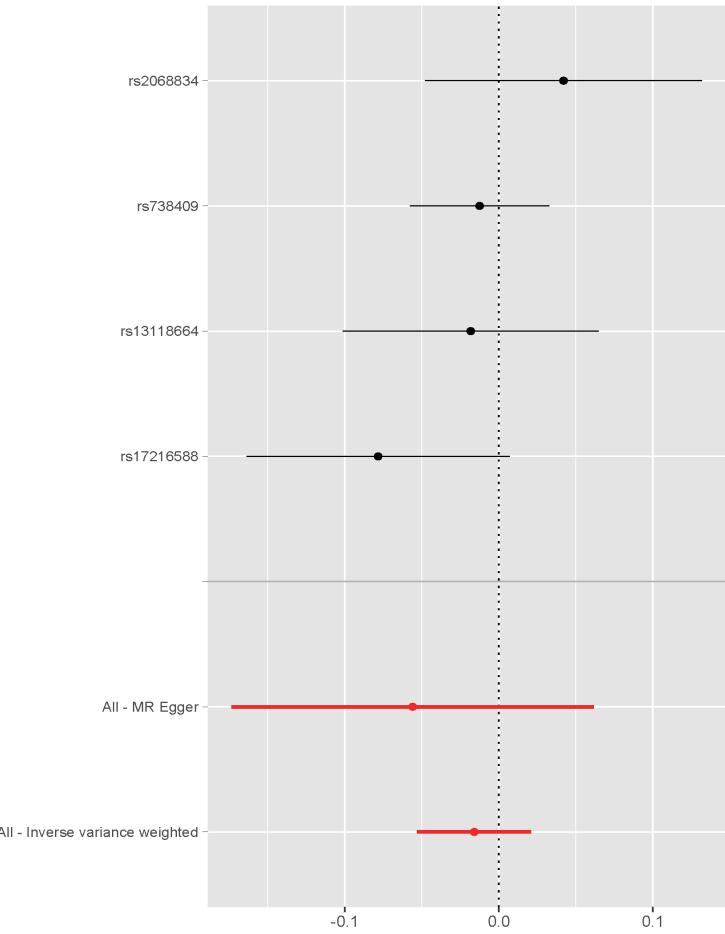


D

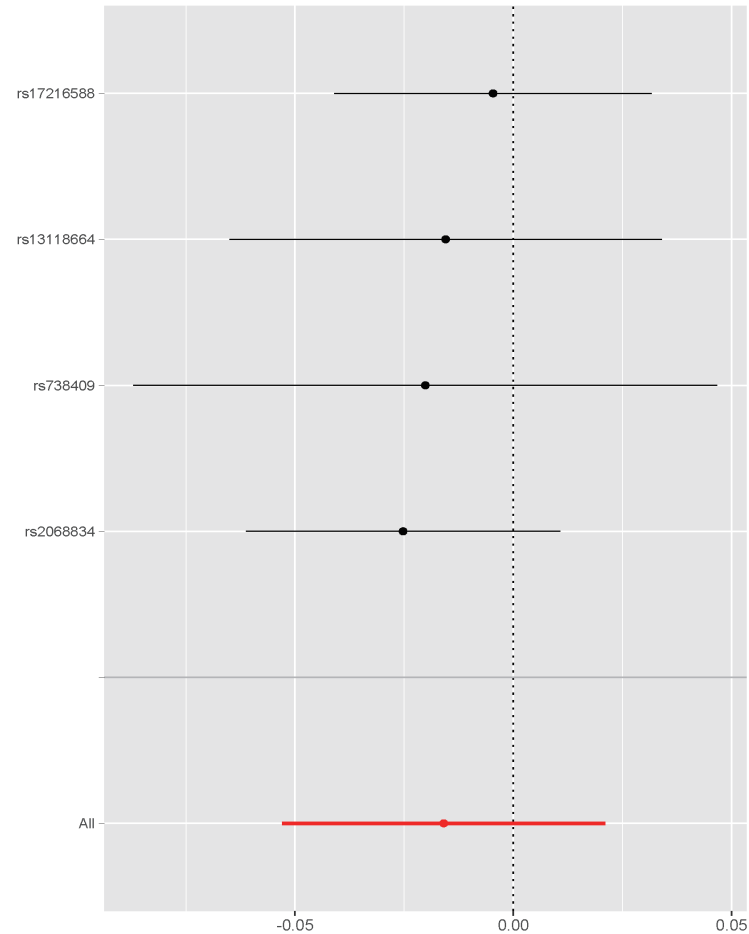


Supplementary Figure S47. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on Amyotrophic lateral sclerosis.

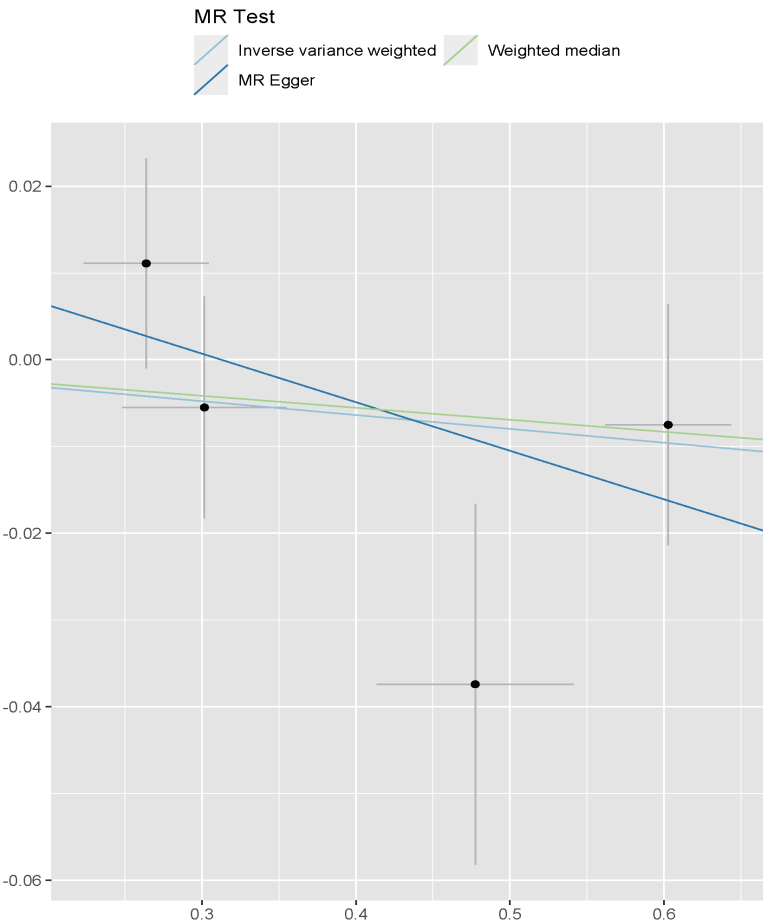
A



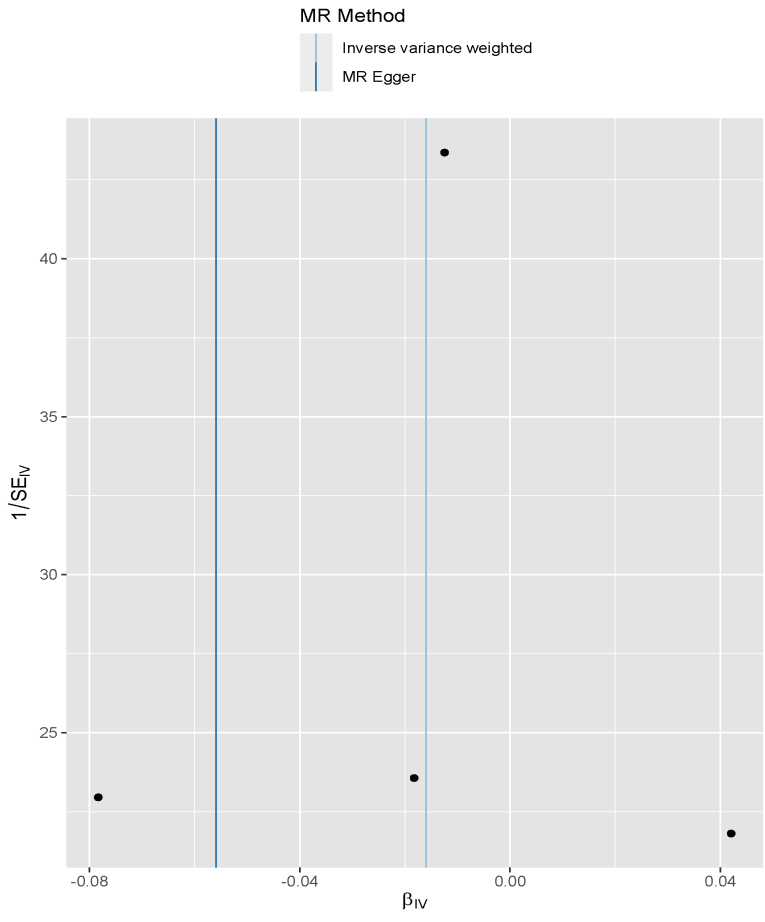
B



C

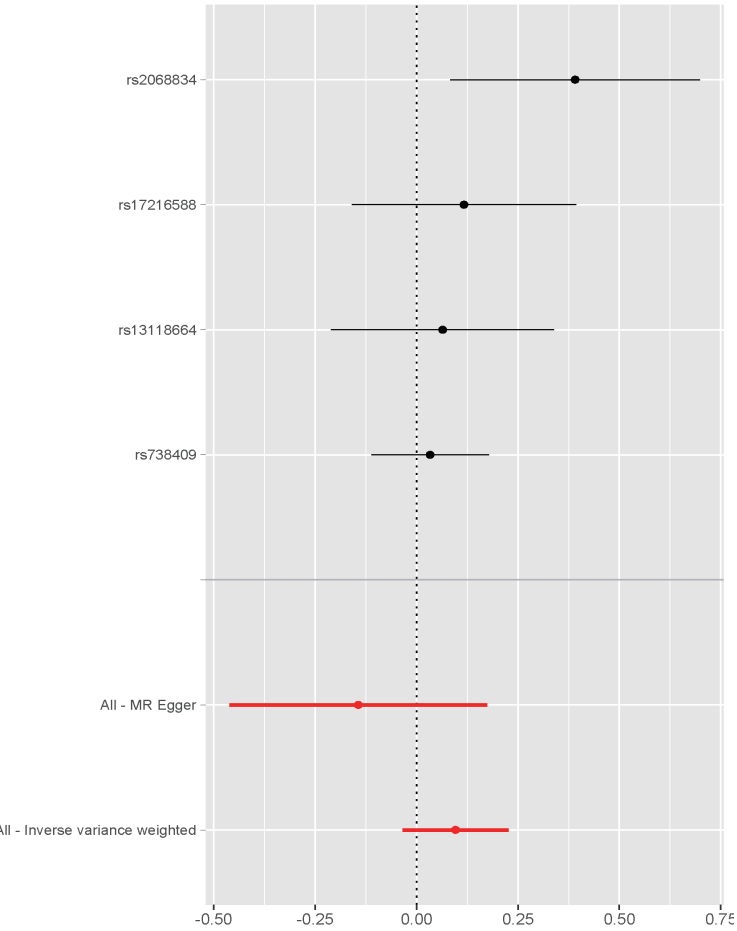


D

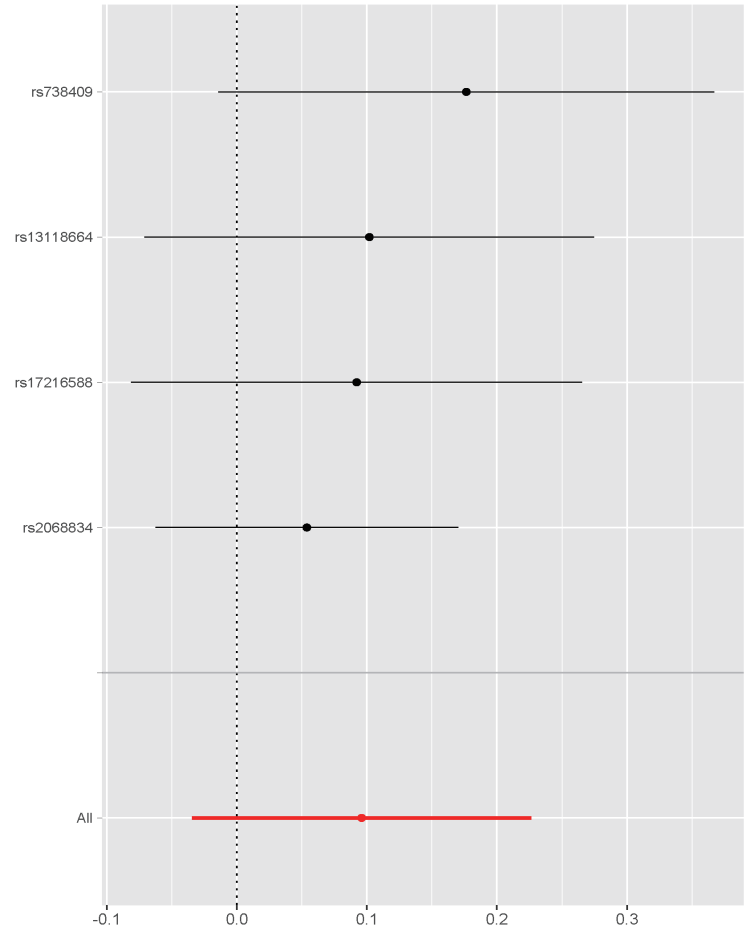


Supplementary Figure S48. Forest plot (A), Leave-one-out plot (B), scatter plot (C) and funnel plot (D) of the causal effect of NAFLD on migraine.

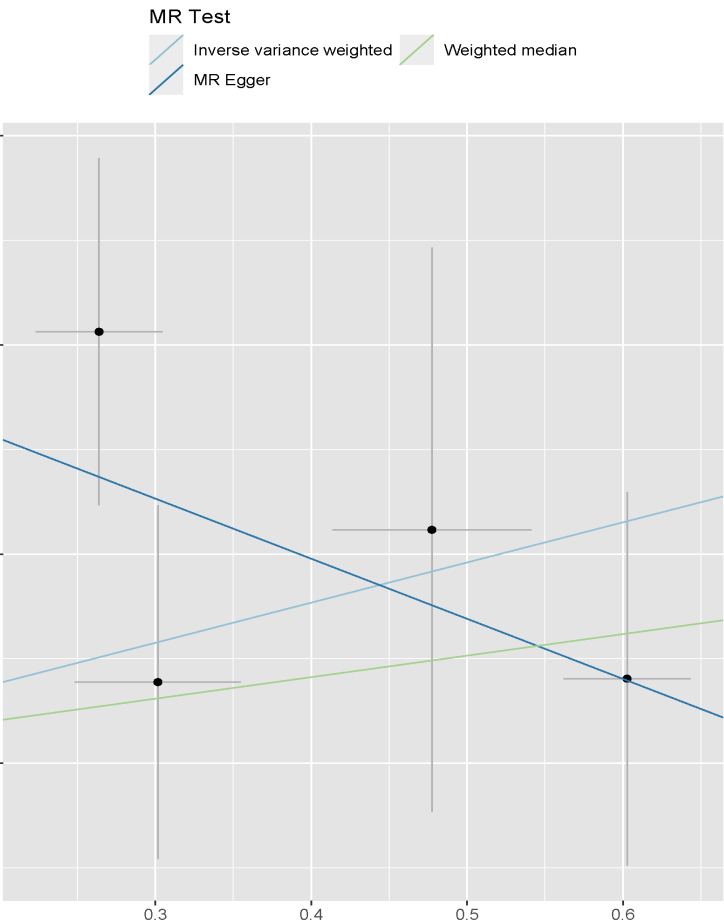
A



B



C



D

