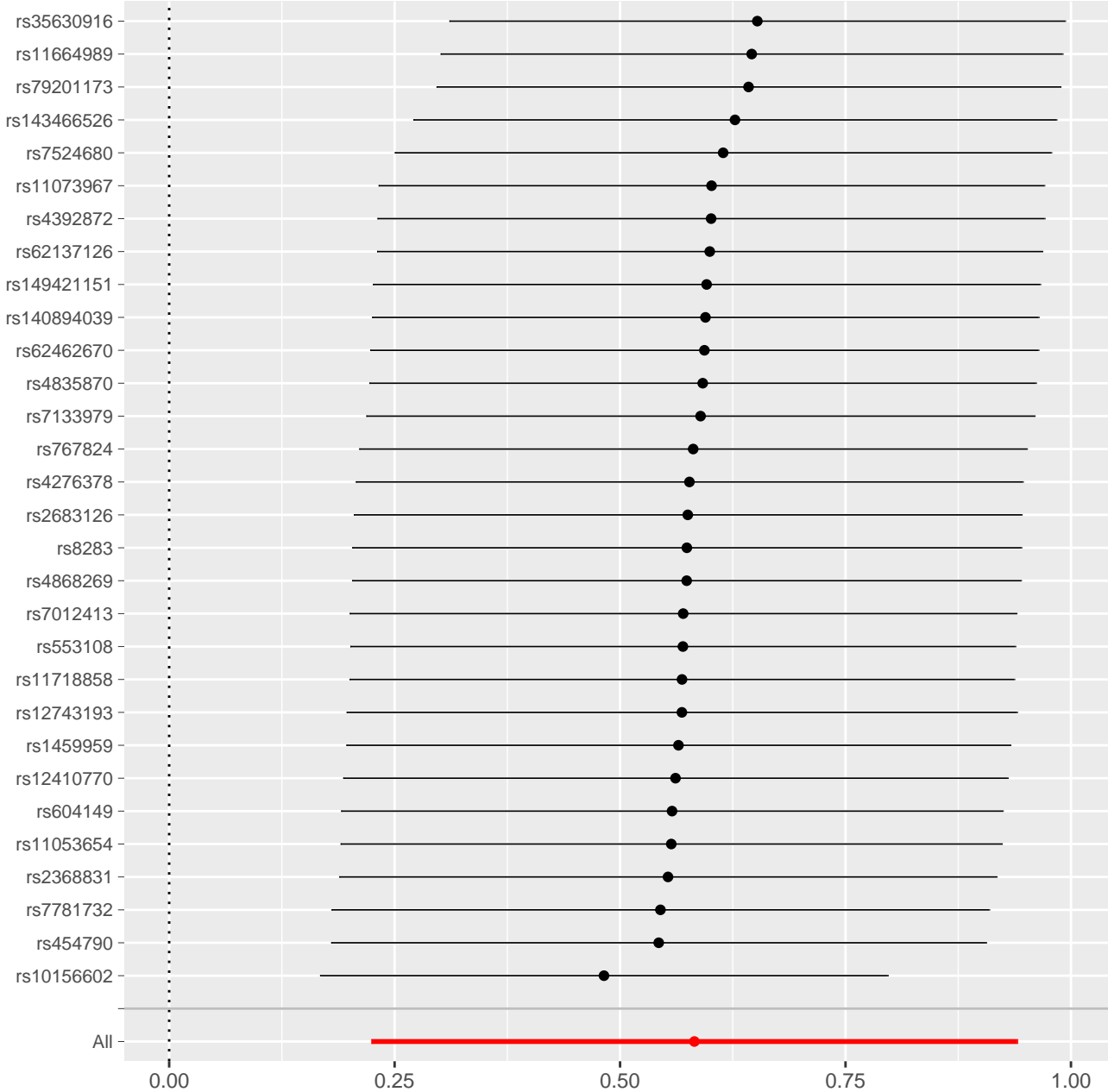
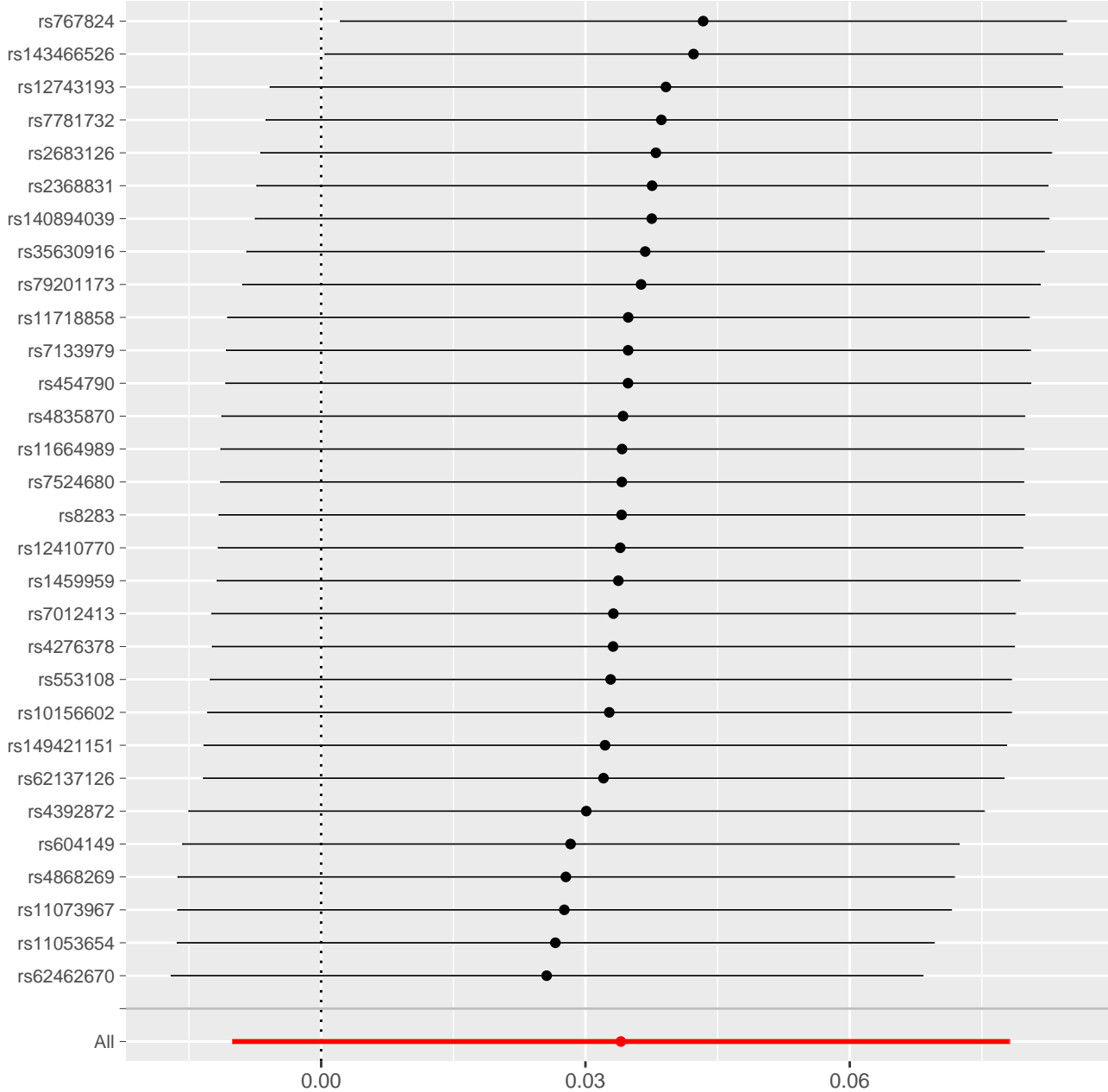


Supplementary file 6

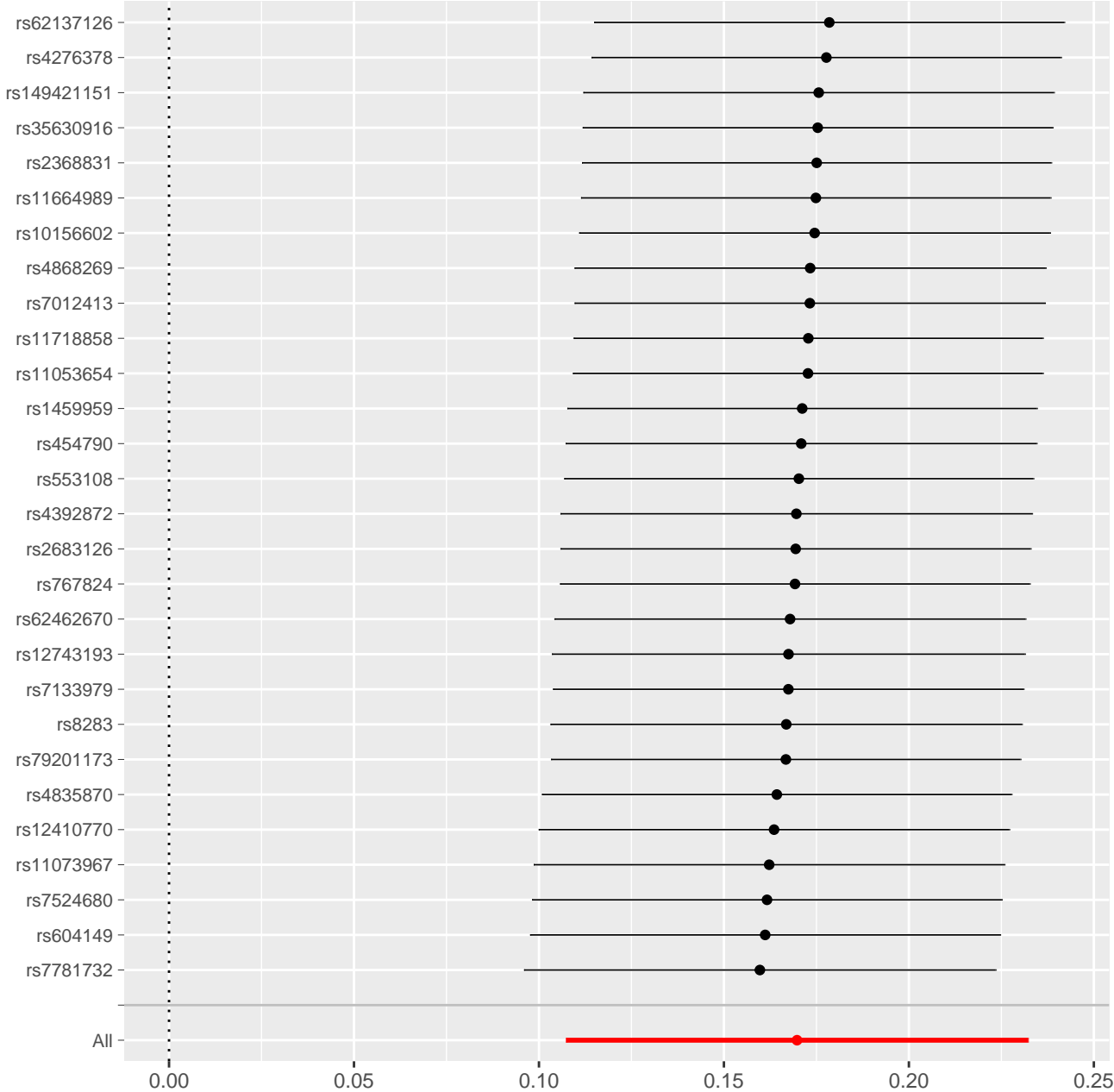
Results of Leave-one-out analysis

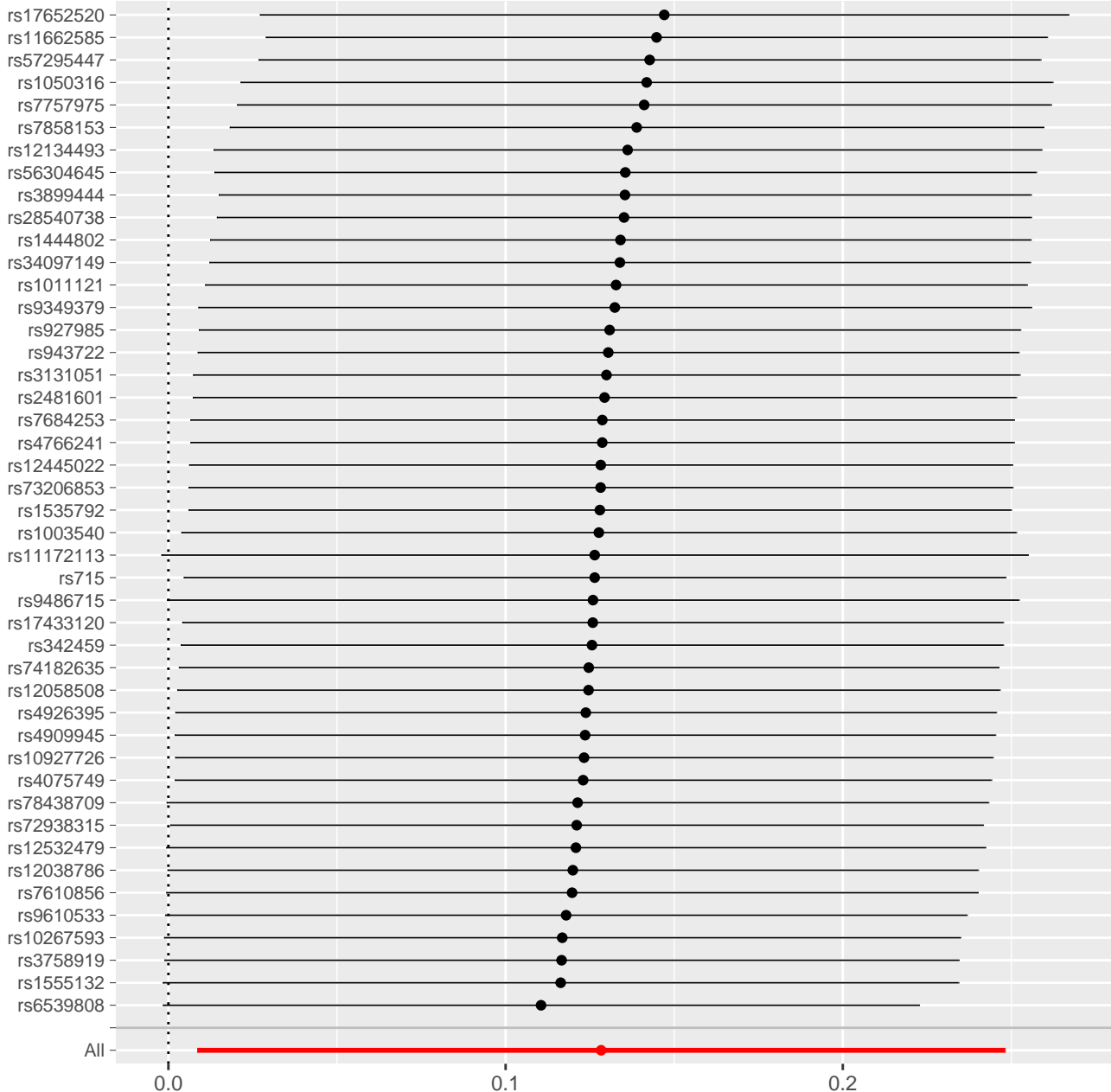


MR leave-one-out sensitivity analysis for ' || id:ukb-b-11413' on 'Sleeplessness / insomnia || id:ukb-a-13'

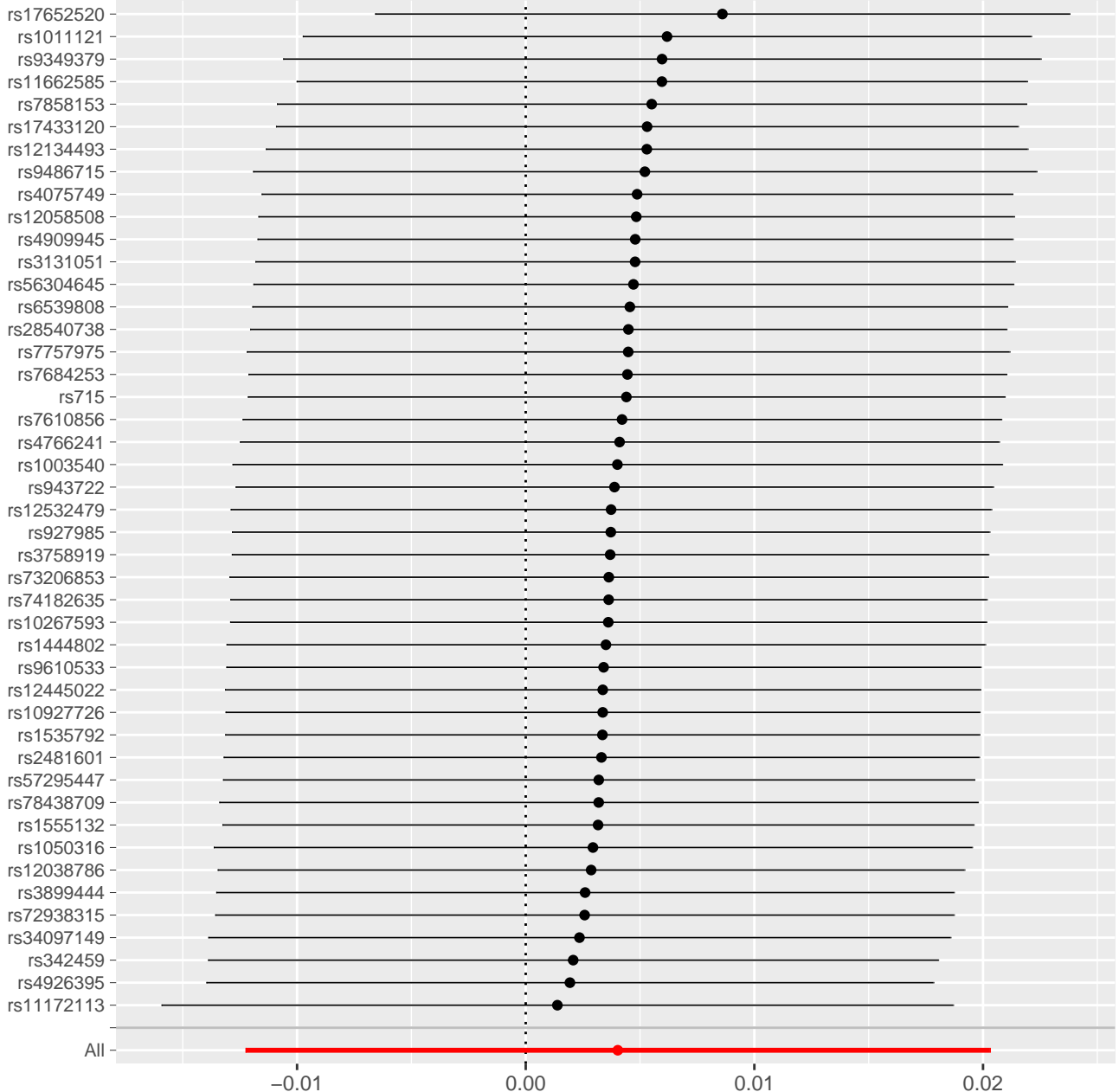


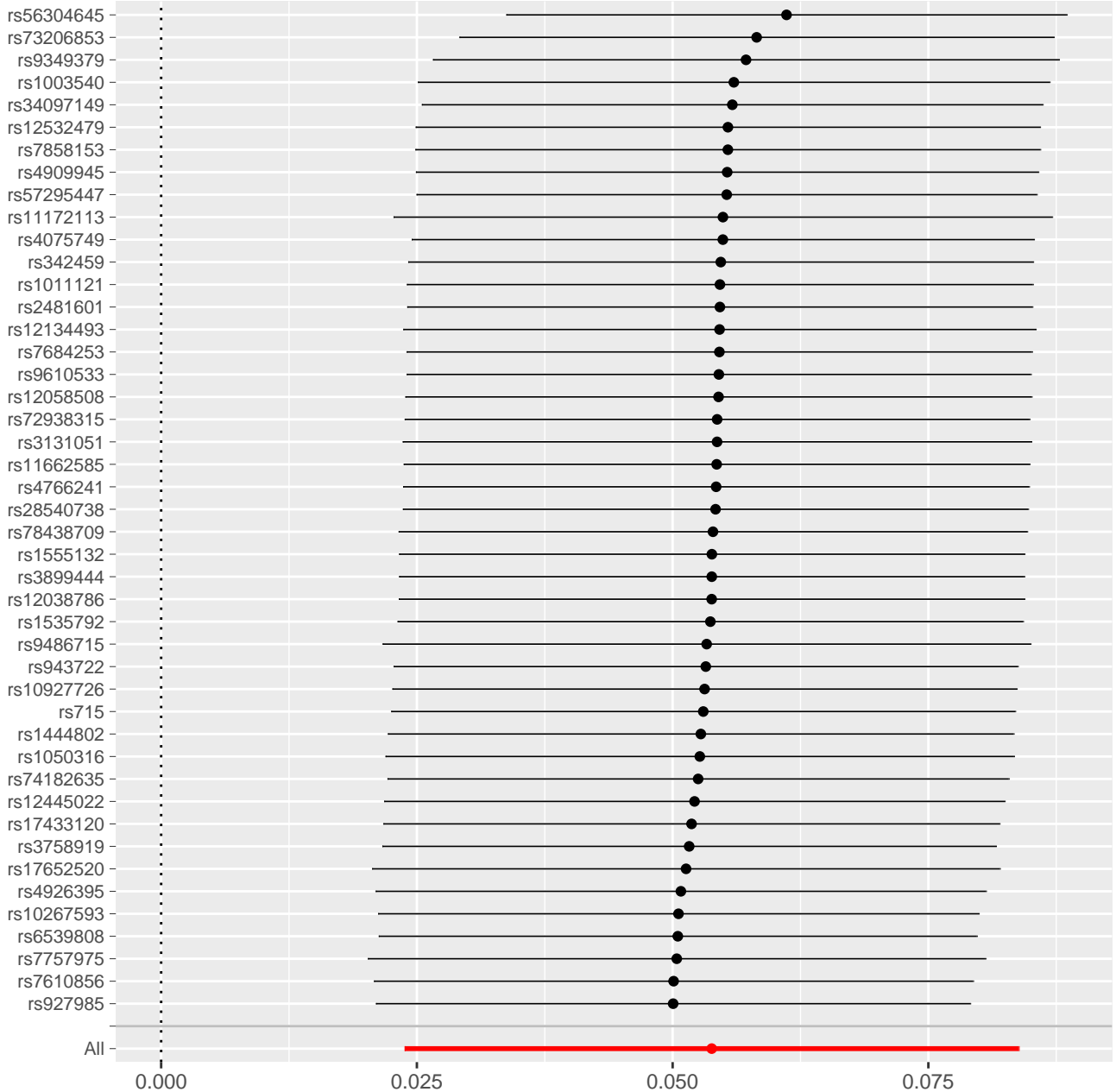
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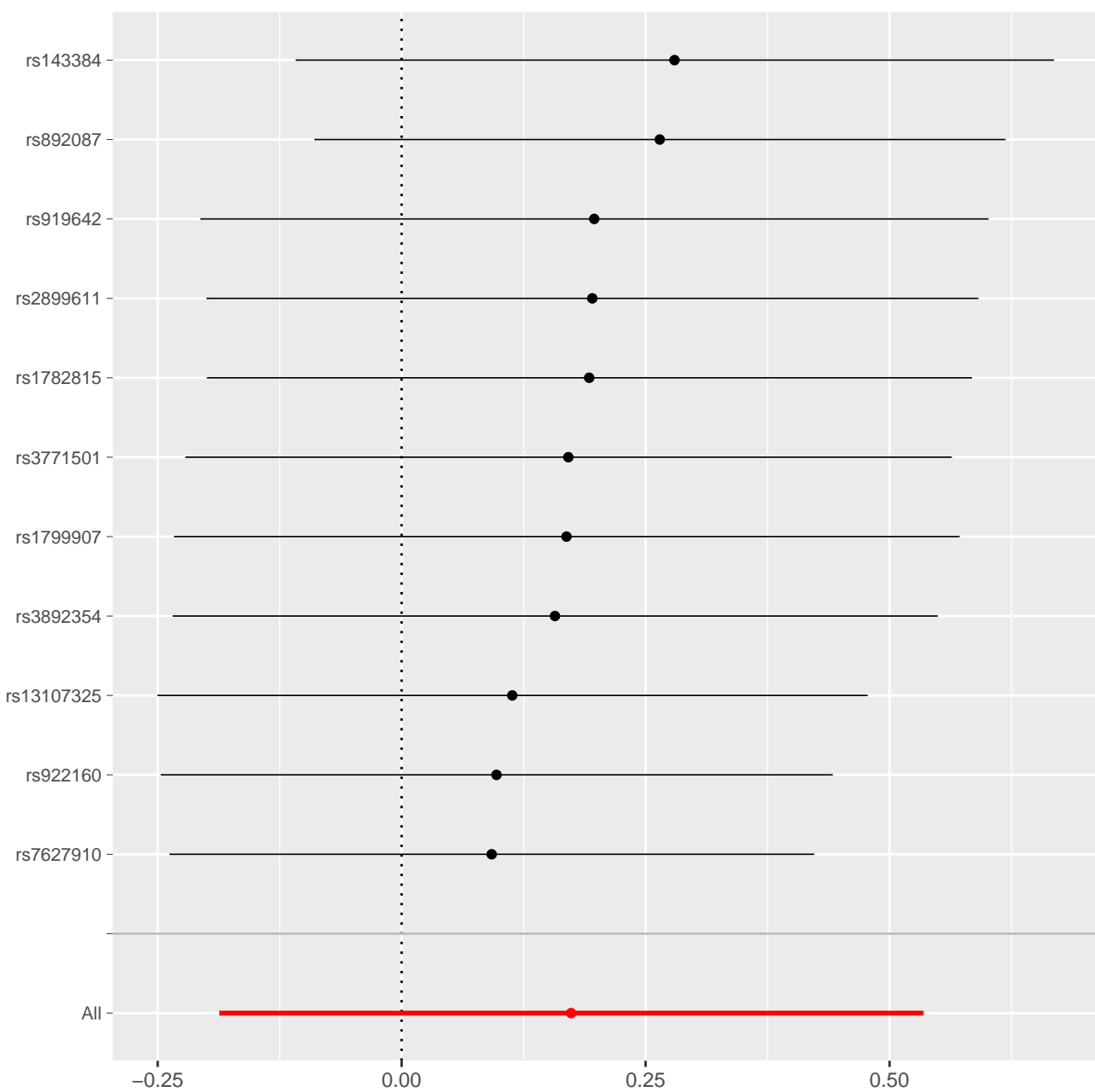




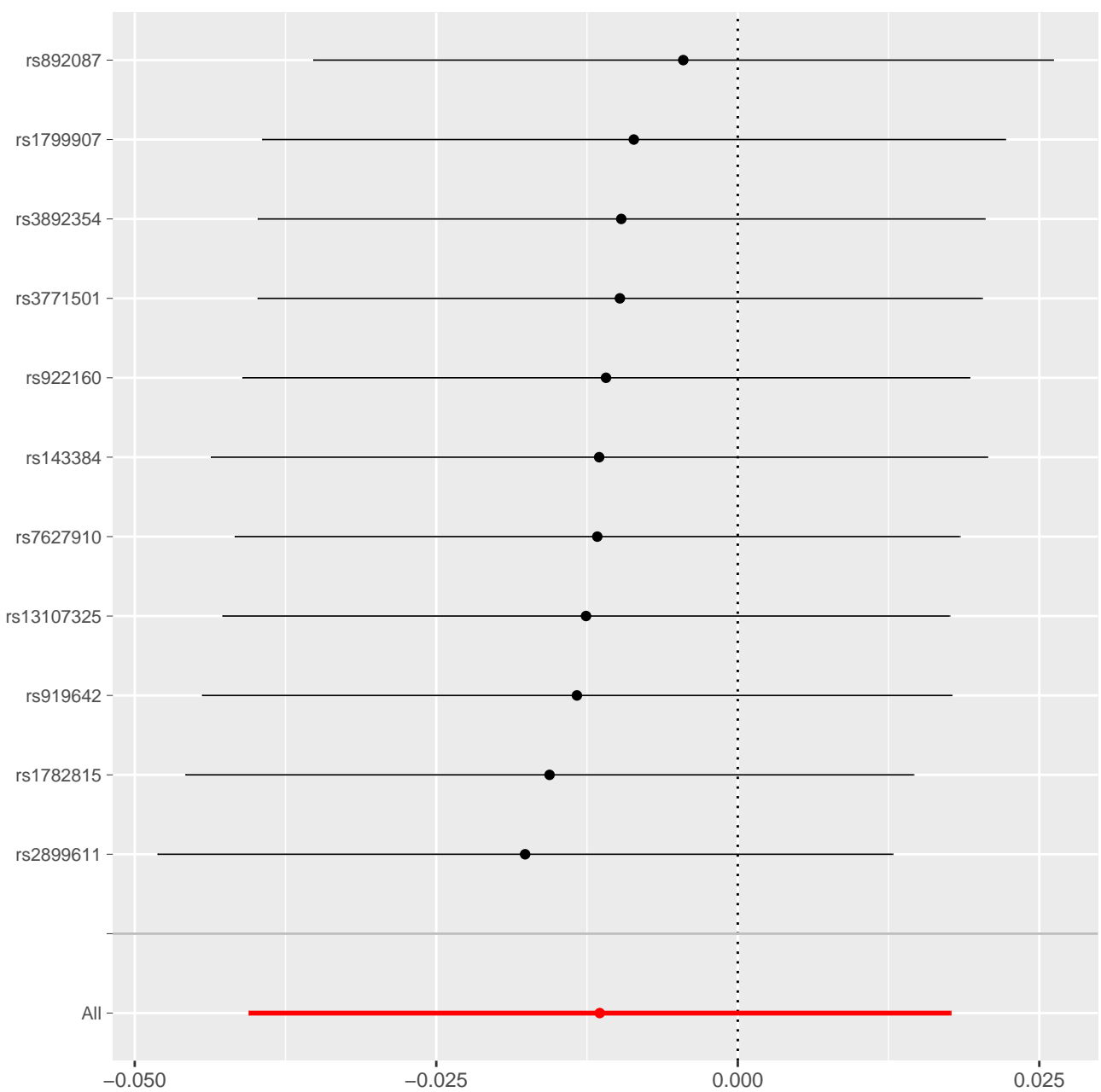
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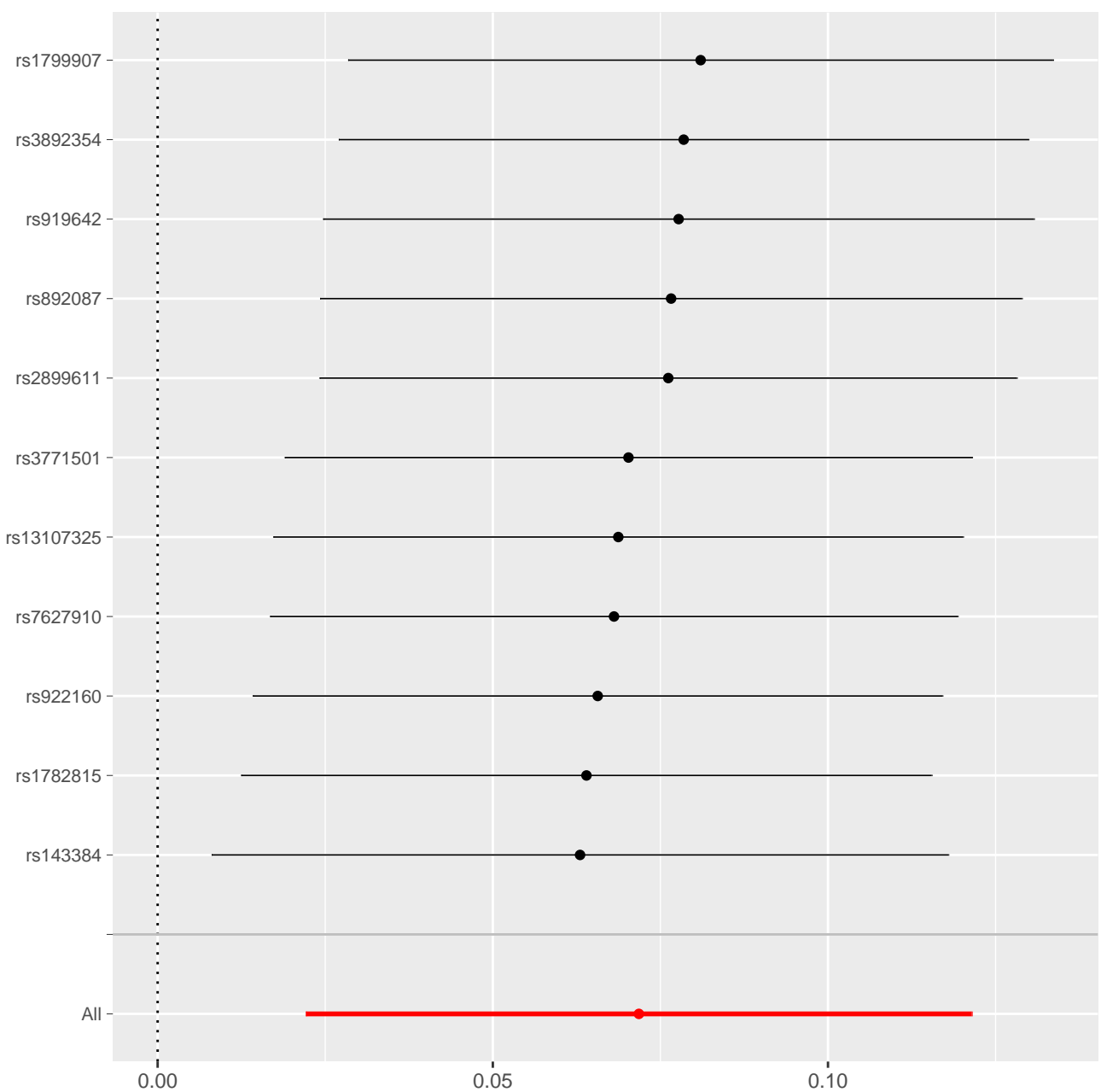




MR leave-one-out sensitivity analysis for 'Pain type(s) experienced in last month: Knee pain || id:ukb-b-16254' on 'Sleeplessness / insomnia || id:ukb-a-13'

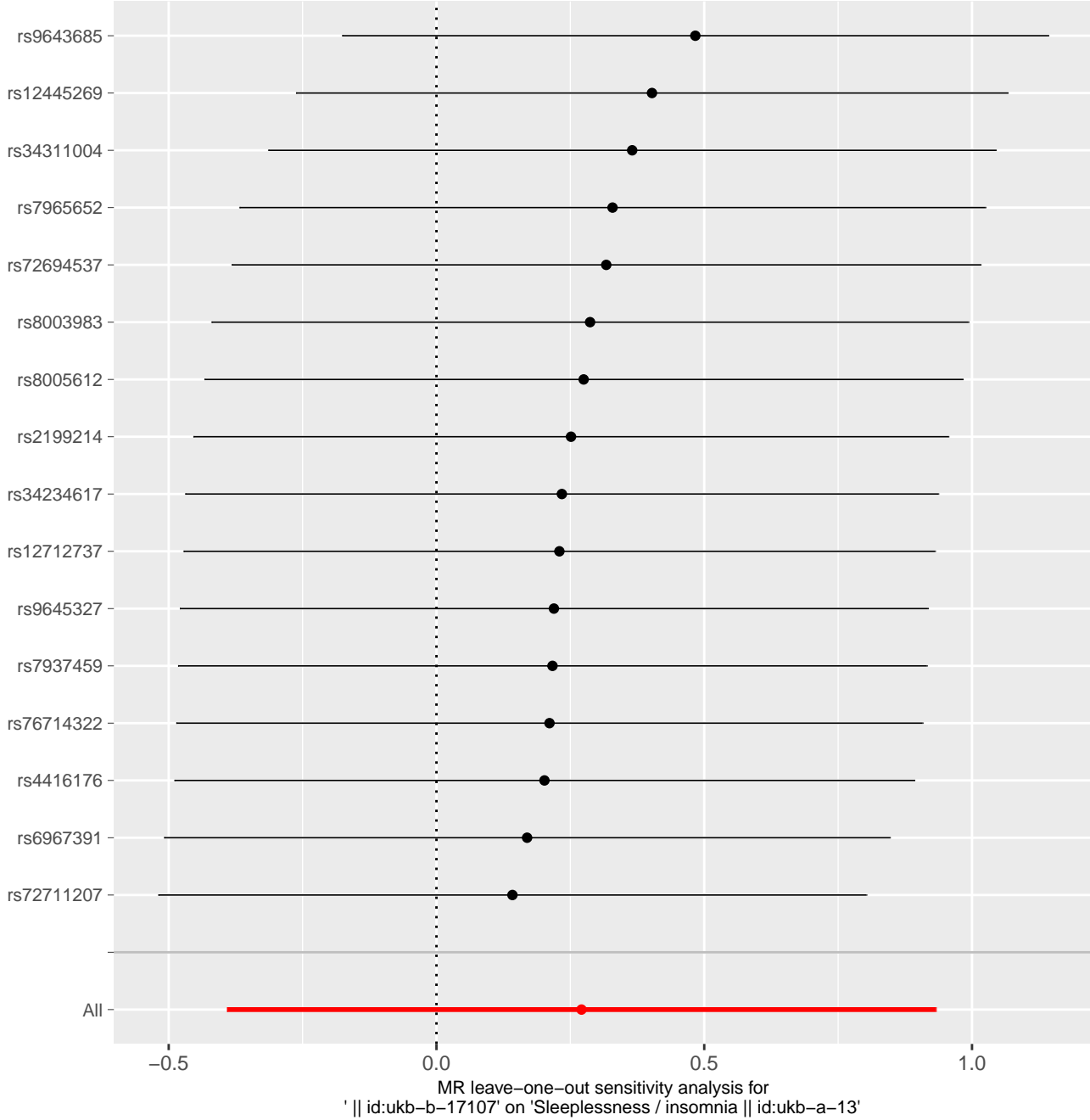


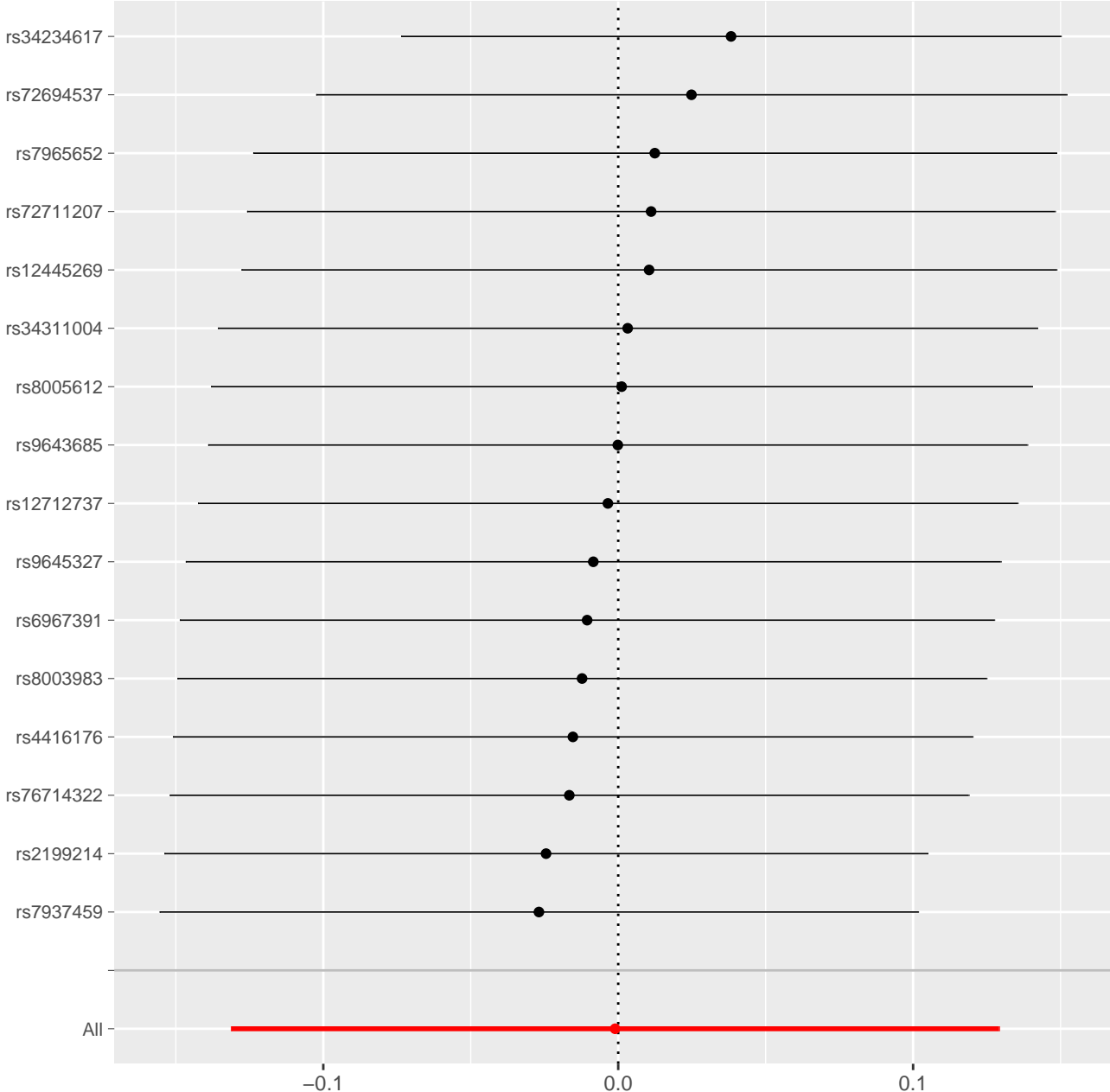
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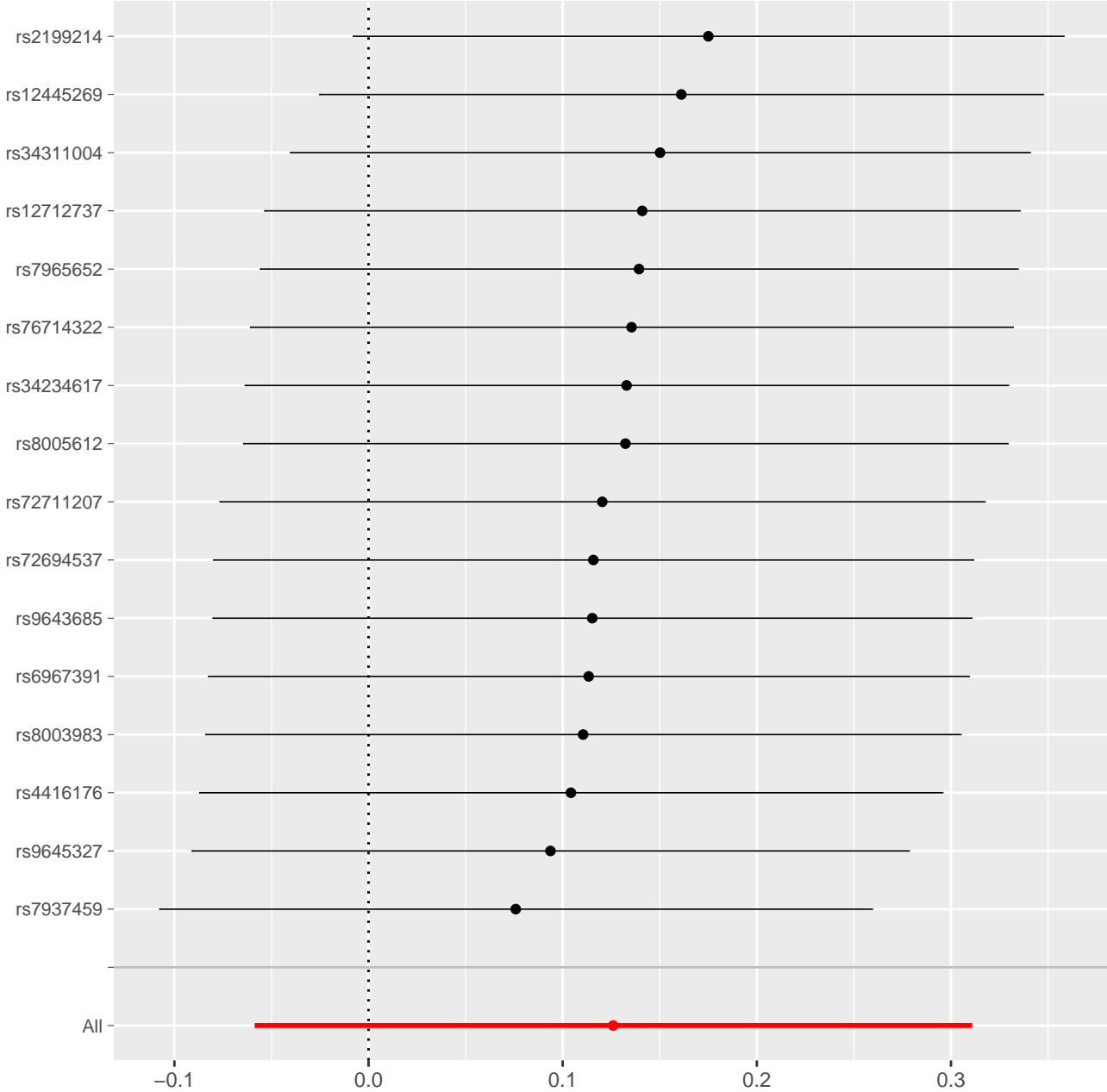


MR leave-one-out sensitivity analysis for

'Pain type(s) experienced in last month: Knee pain || id:ukb-b-16254' on 'Non-cancer illness code, self-reported: depression || id:ukb-







MR leave-one-out sensitivity analysis for ' || id:ukb-b-17107' on 'Non-cancer illness code, self-reported: depression || id:ukb-b-12064'

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rs61779314

rs62056490

rs13107325

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rs1476535

All

0.0

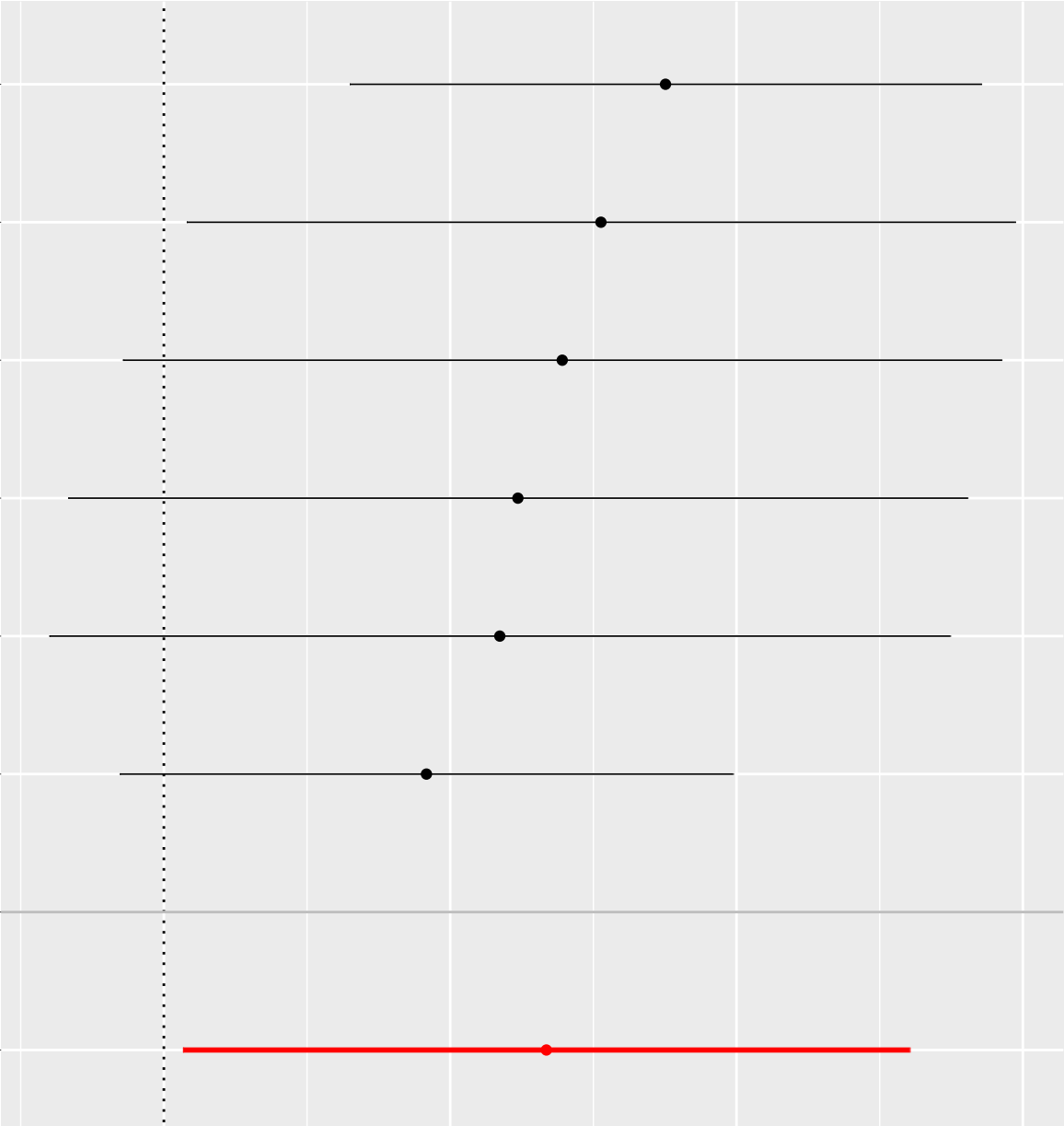
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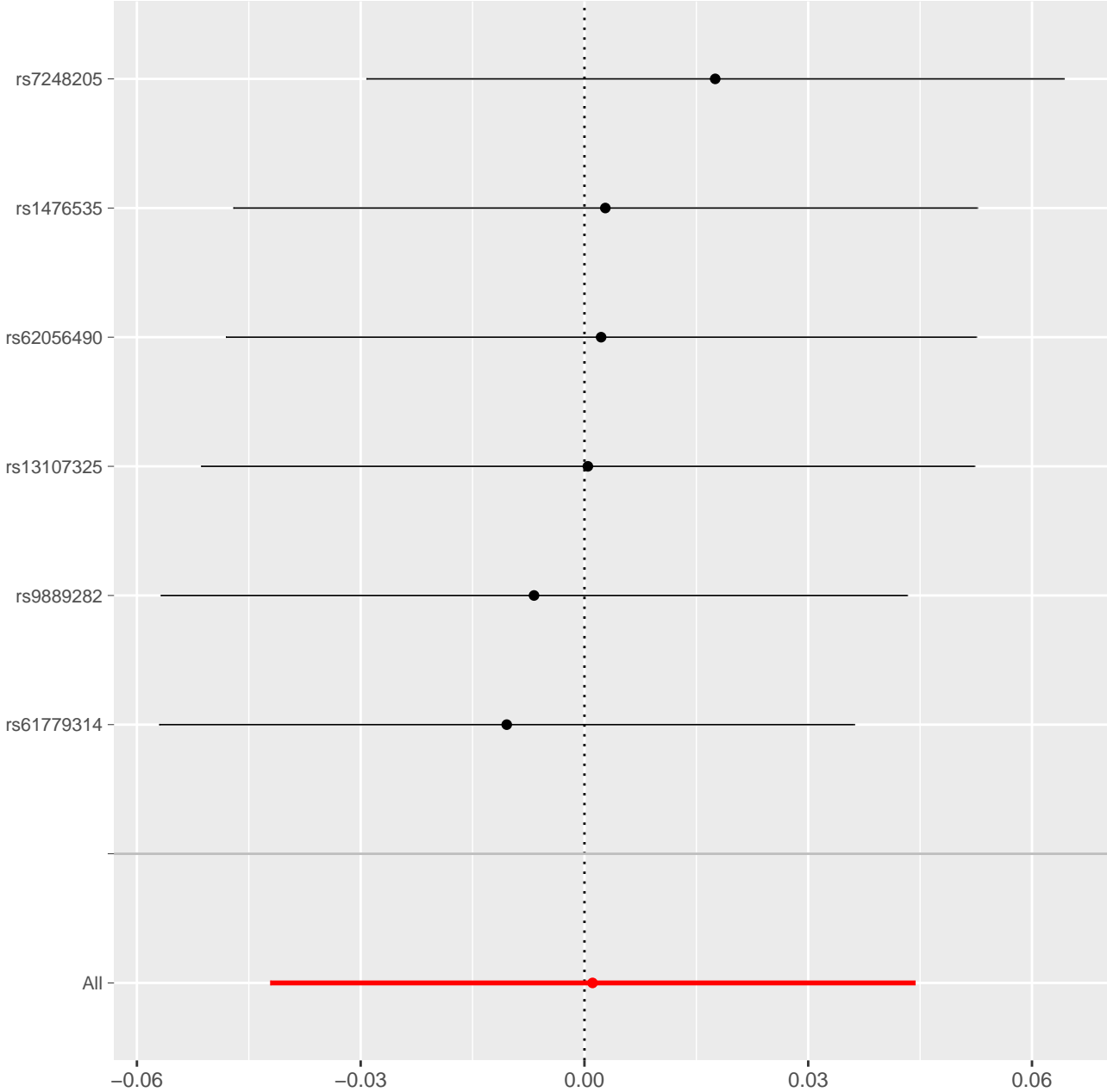
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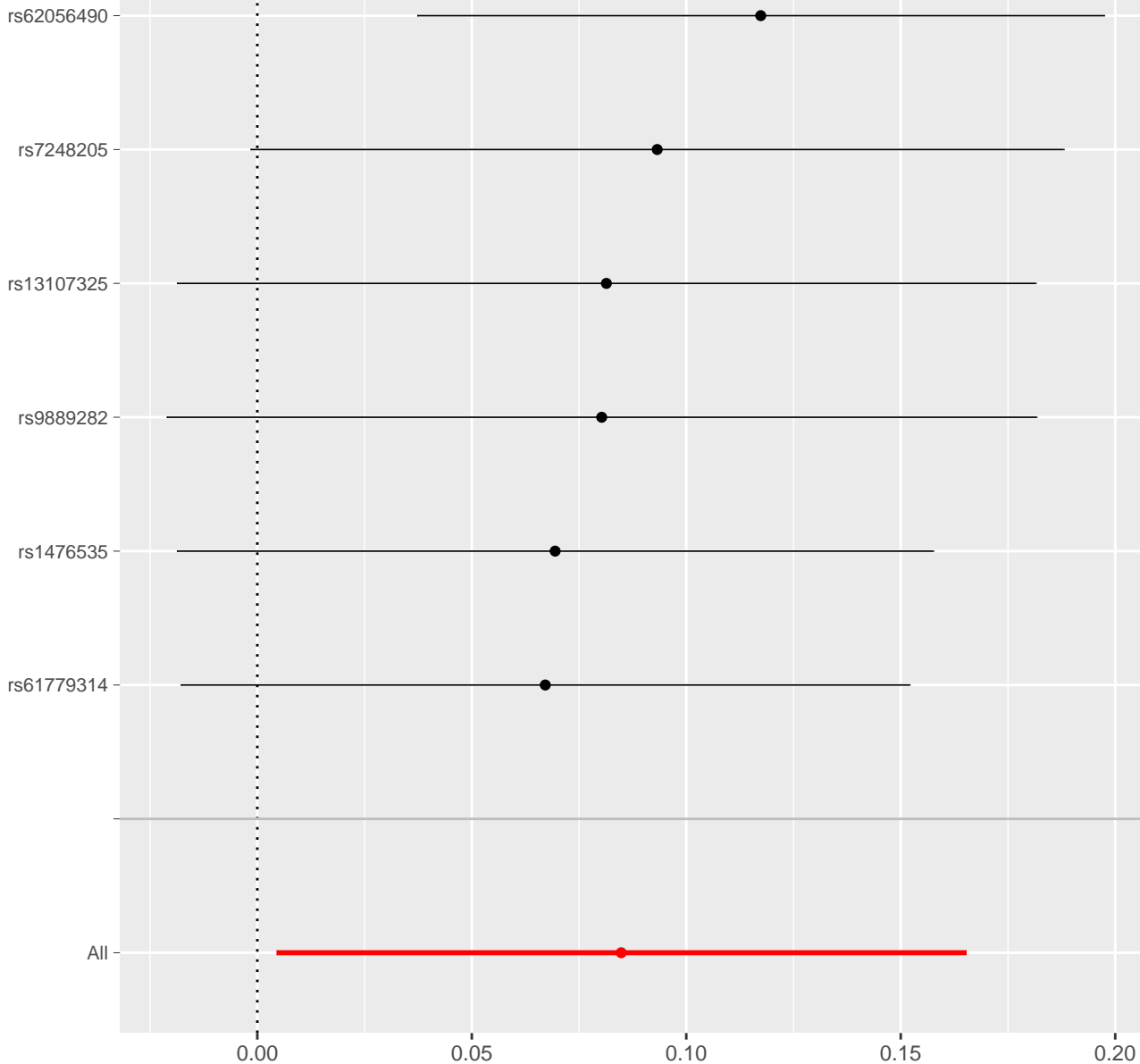
MR leave-one-out sensitivity analysis for

'Pain type(s) experienced in last month: Neck or shoulder pain || id:ukb-b-18596' on 'Sleeplessness / insomnia || id:ukb-a-13'

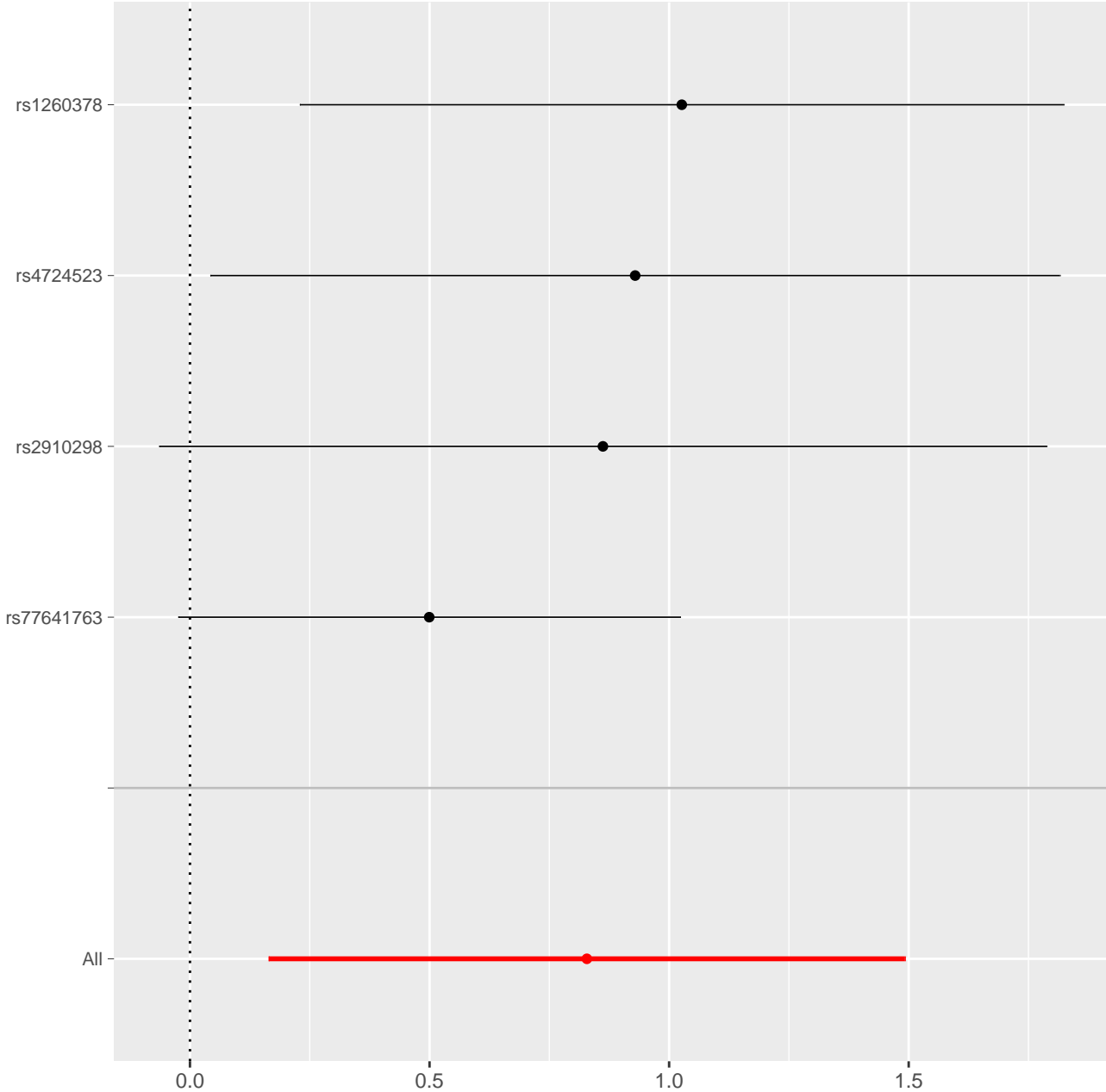




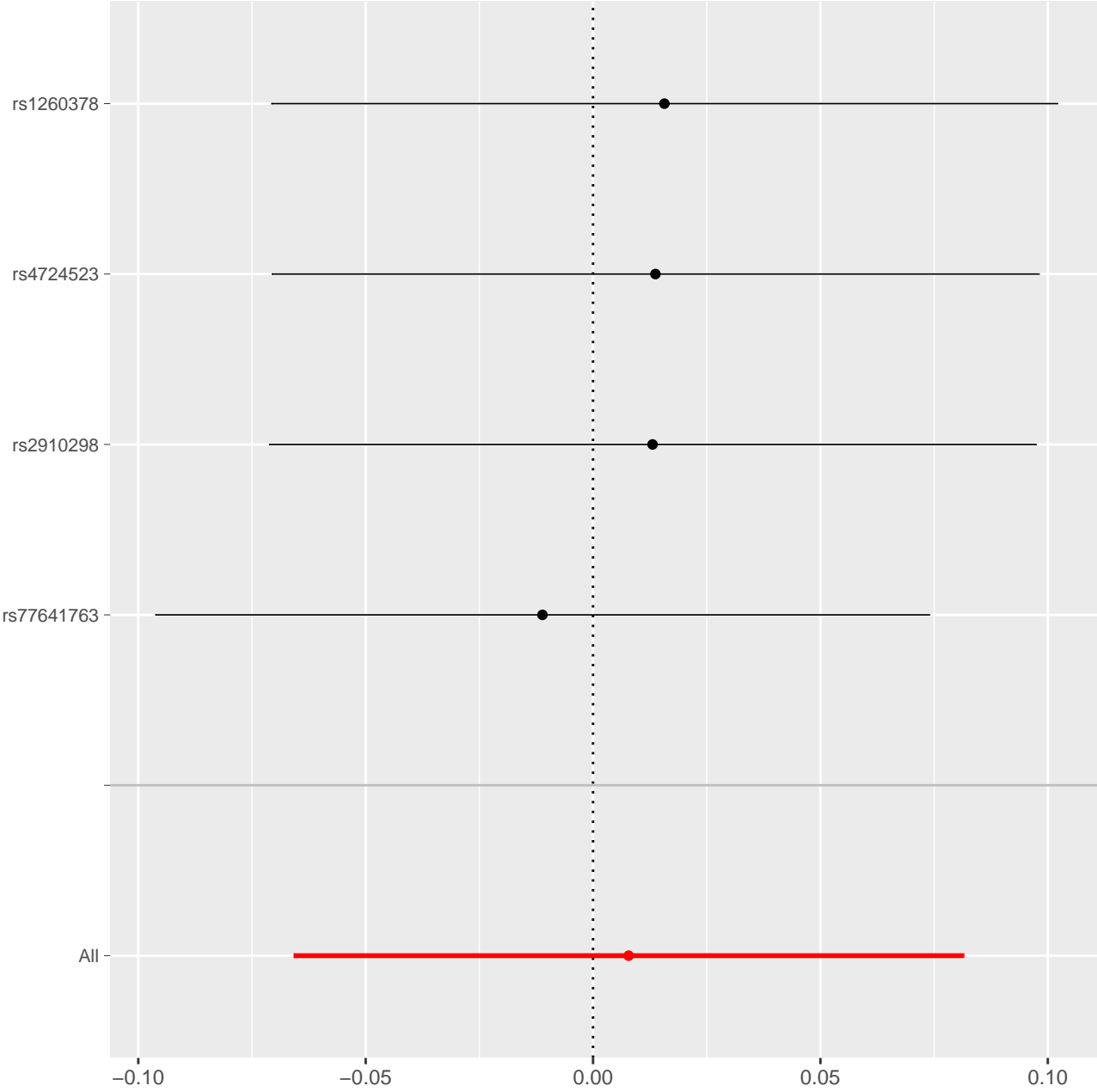
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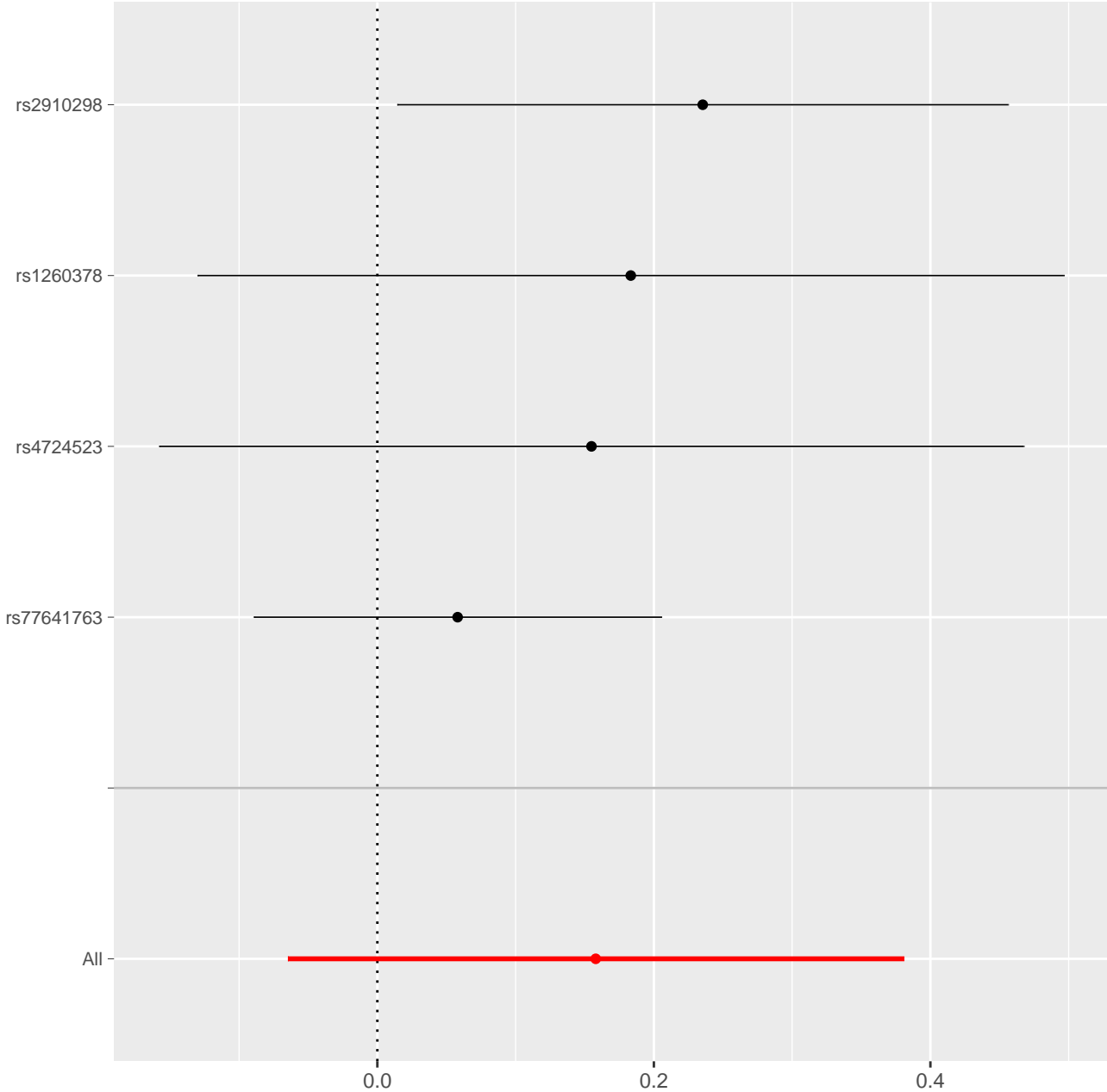
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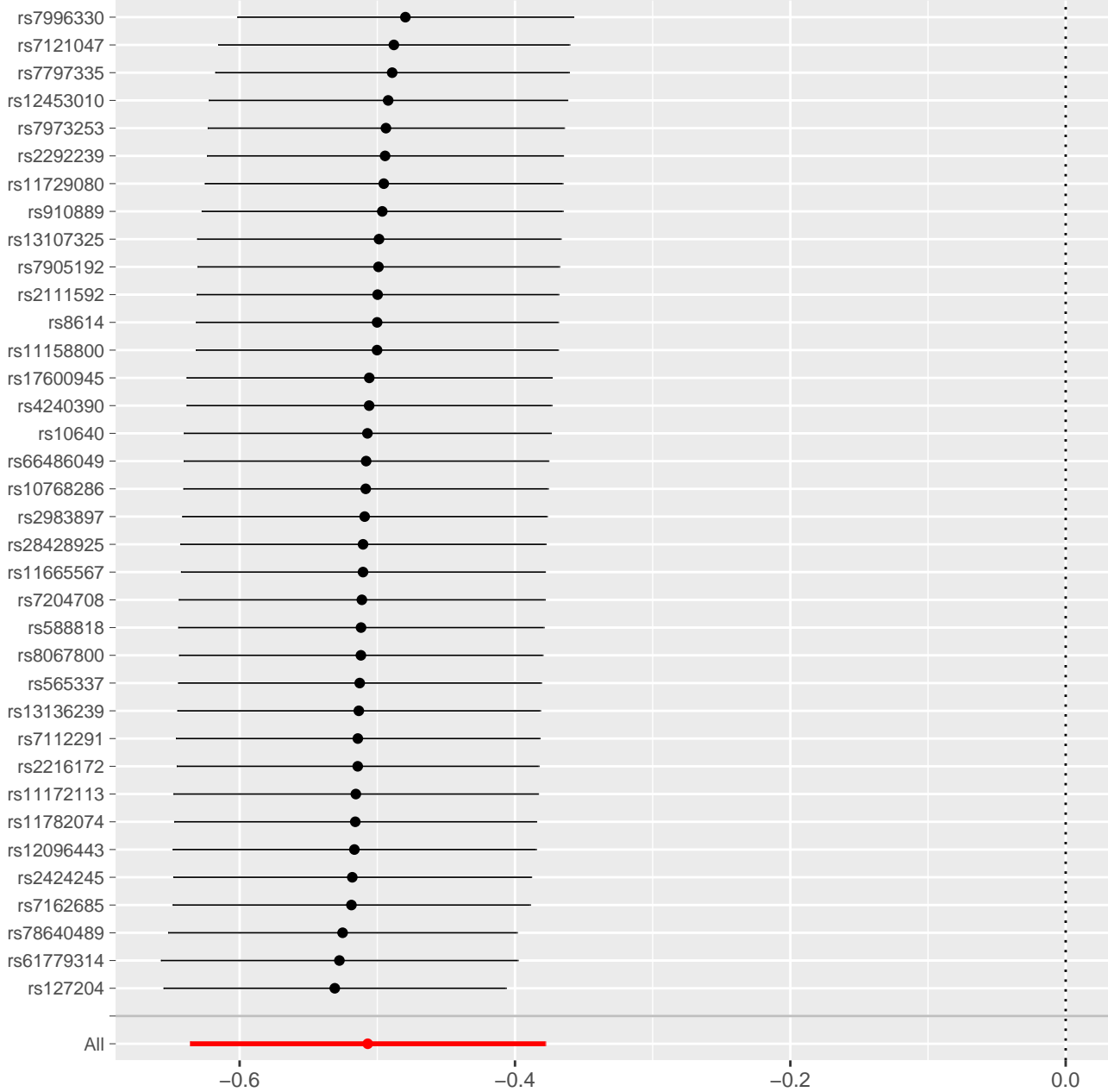
MR leave-one-out sensitivity analysis for 'Pain type(s) experienced in last month: Hip pain || id:ukb-b-7289' on 'Sleeplessness / insomnia || id:ukb-a-13'



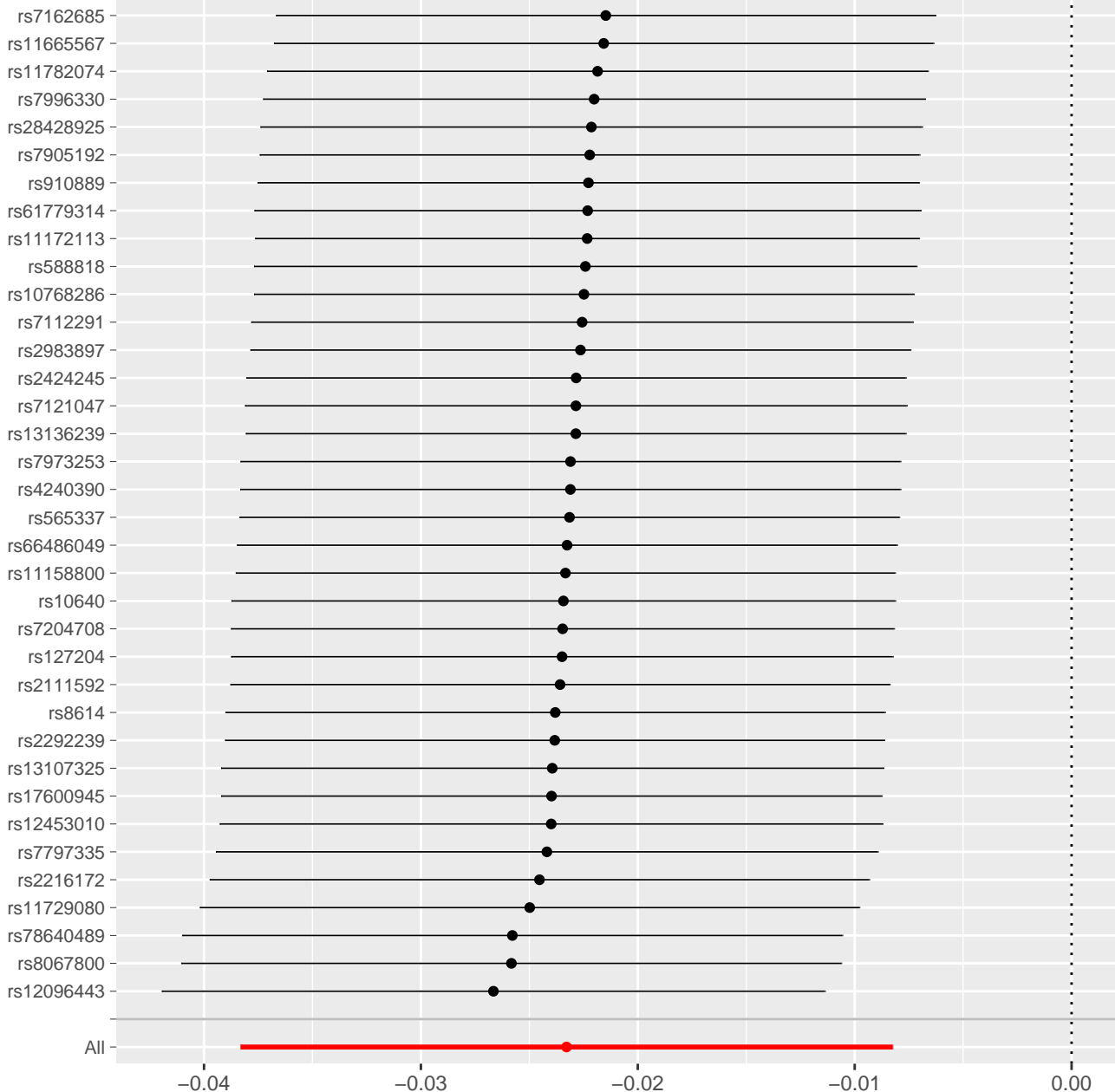
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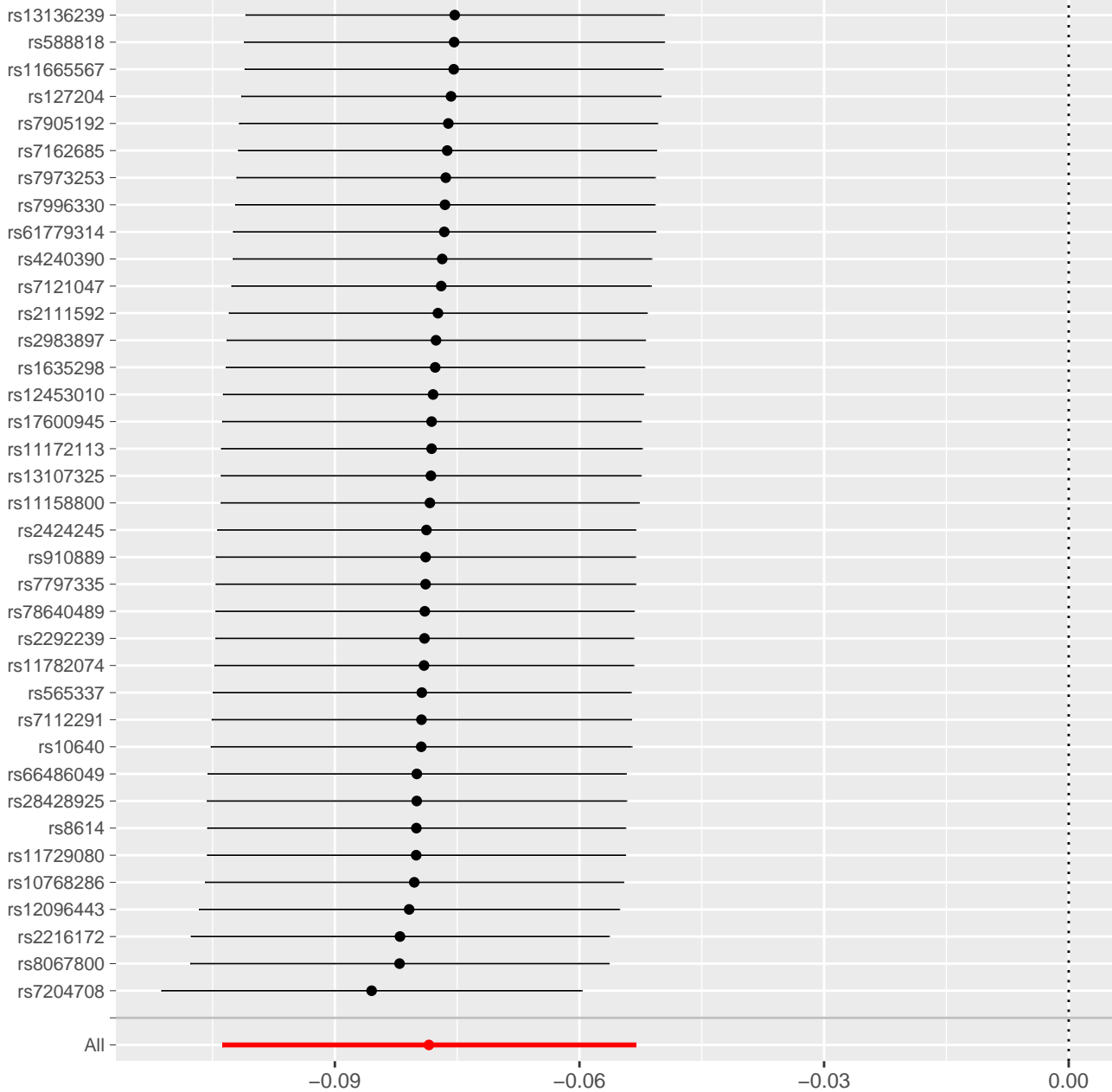


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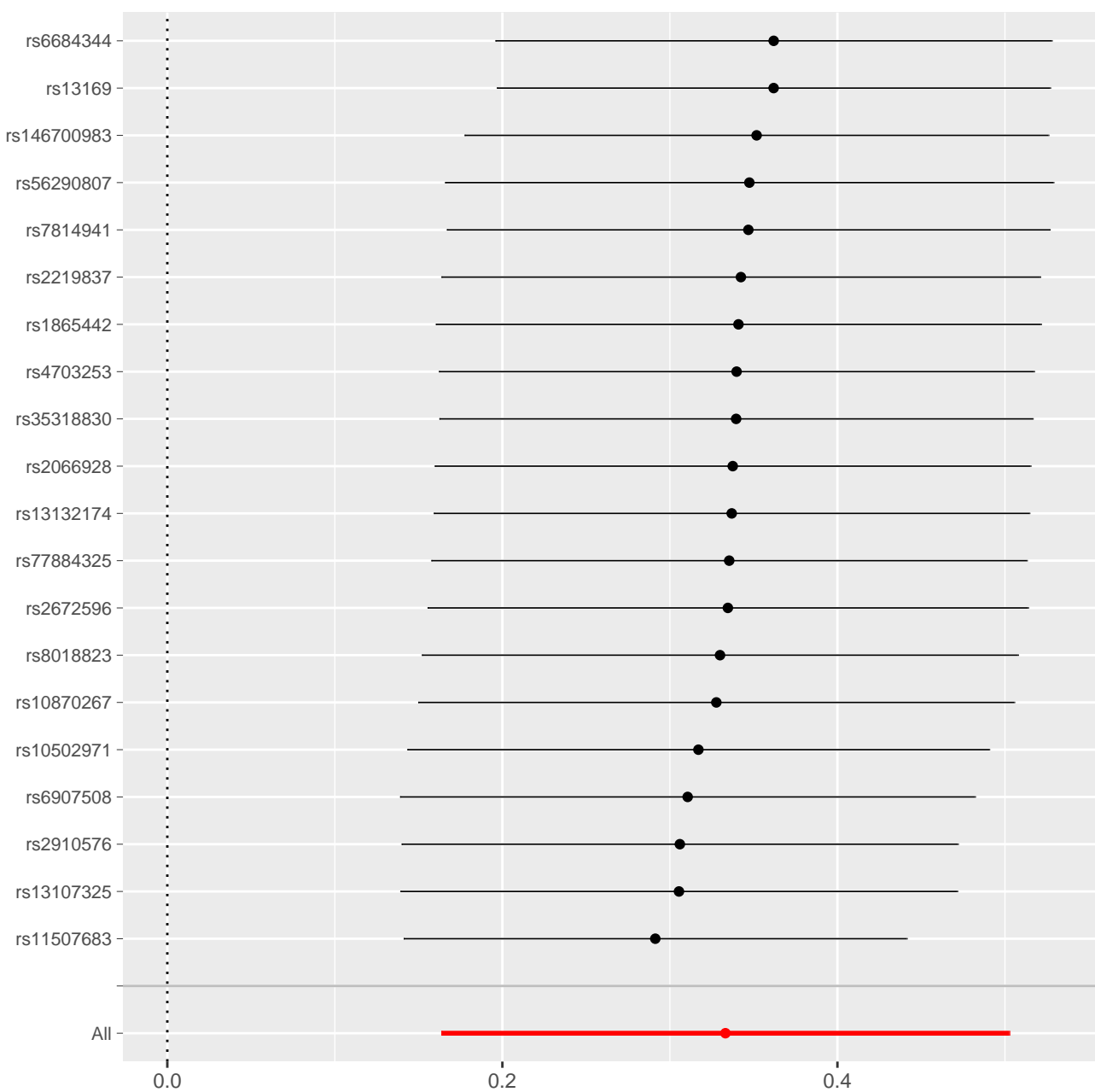


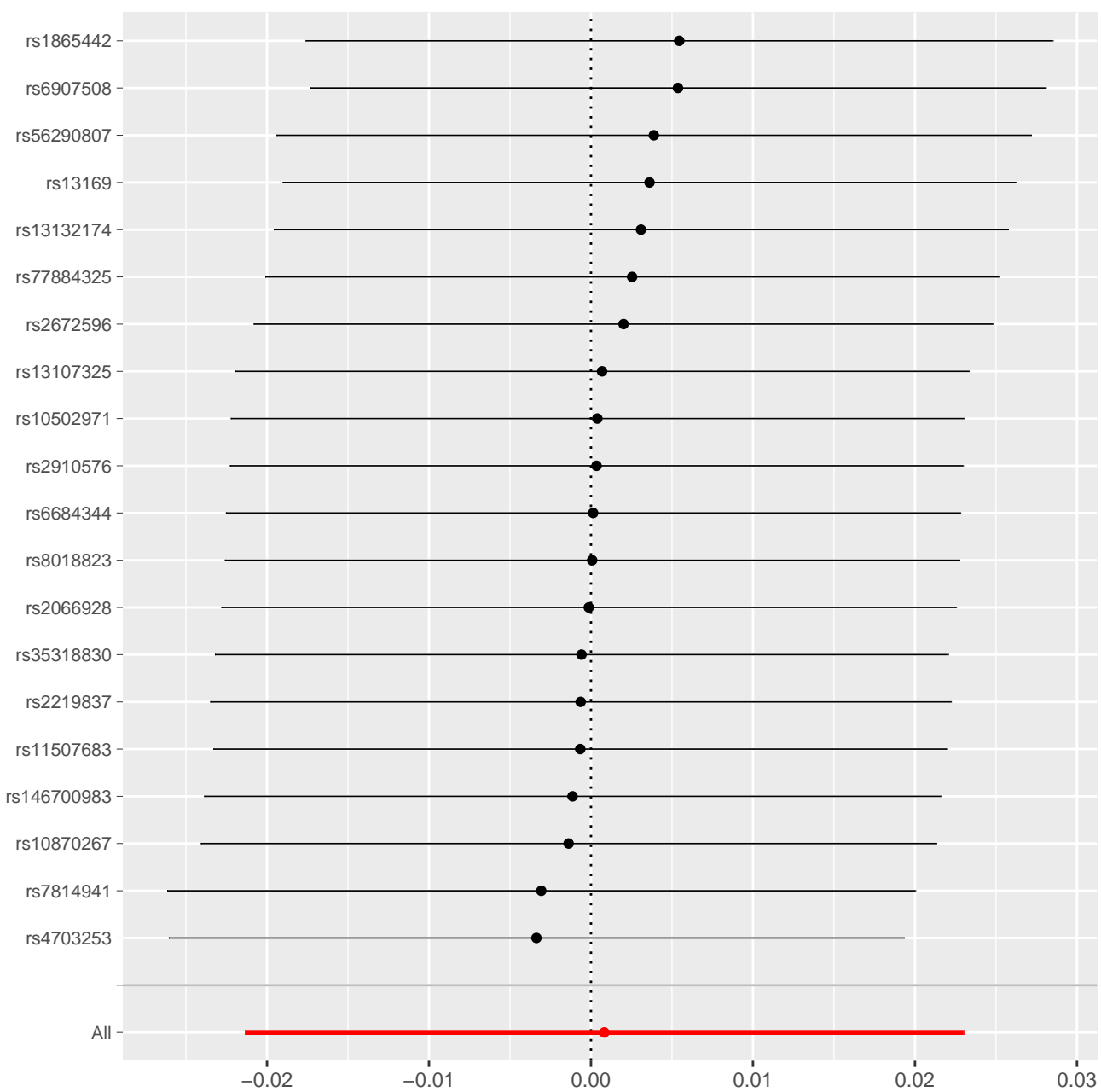
MR leave-one-out sensitivity analysis for 'Pain type(s) experienced in last month: None of the above || id:ukb-b-9130' on 'Sleeplessness / insomnia || id:ukb-a-13'



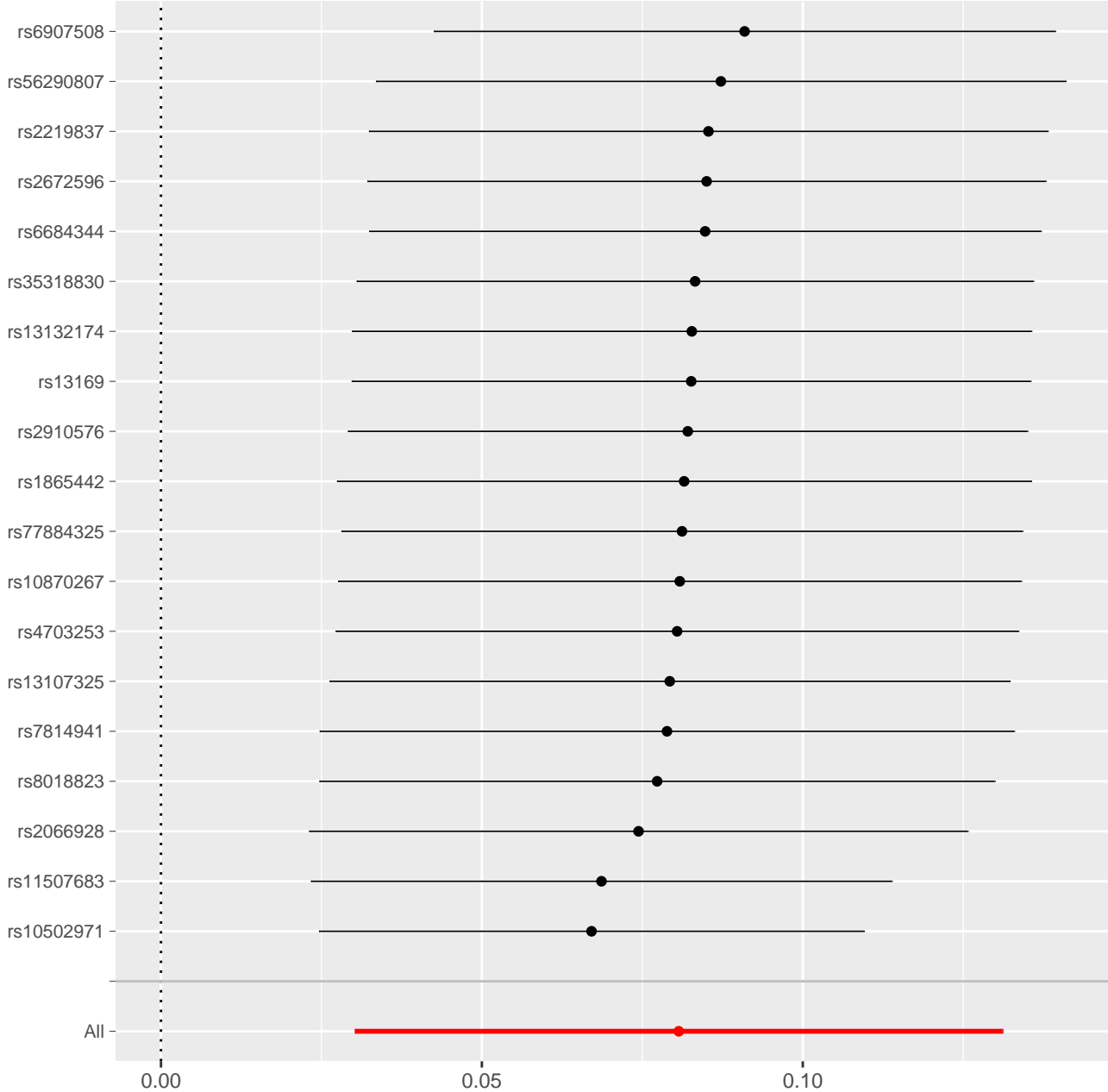


'Pain type(s) experienced in last month: None of the above || id:ukb-b-9130' on 'Non-cancer illness code, self-reported: depression || id:ukb-b-9130'

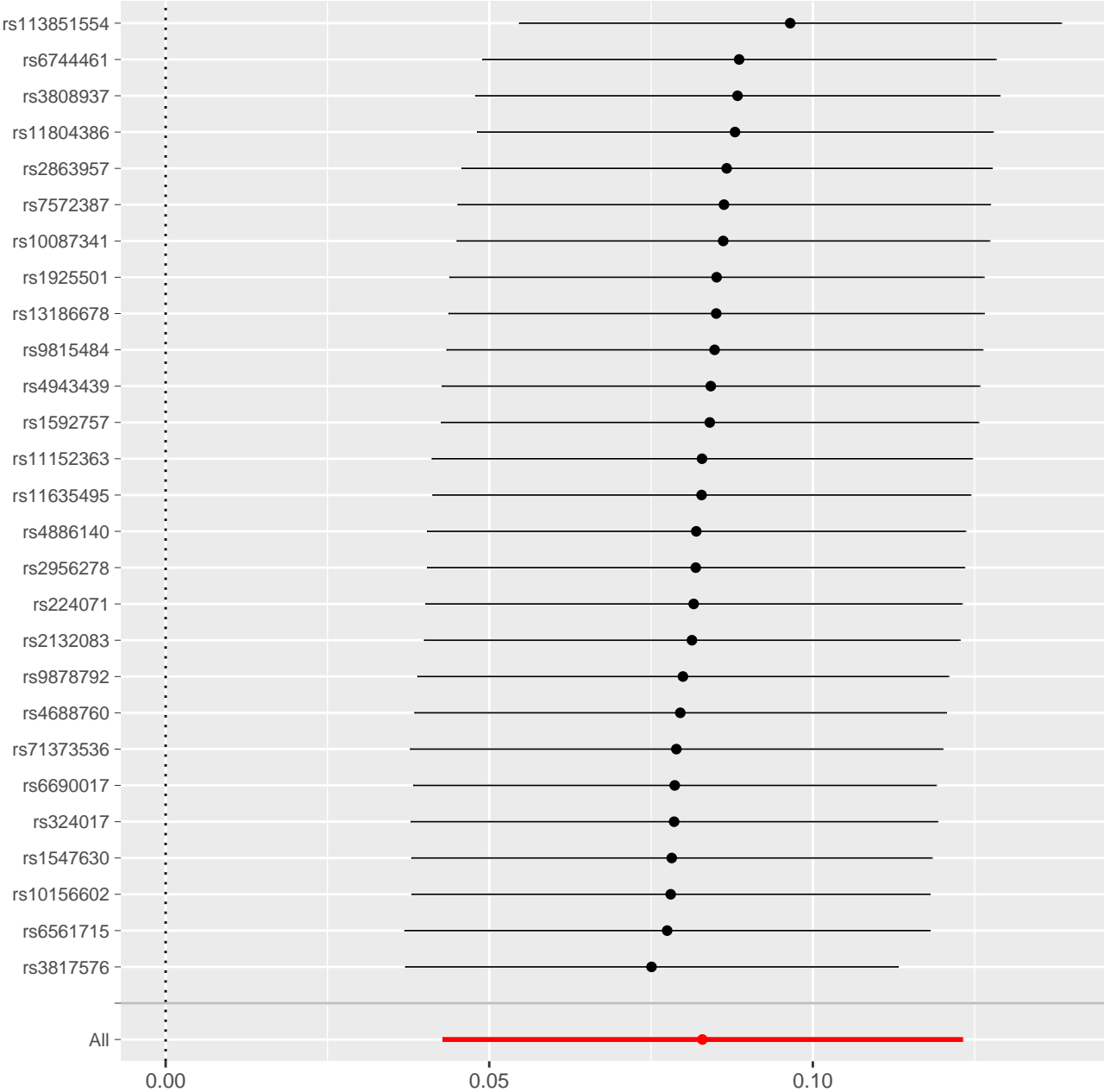




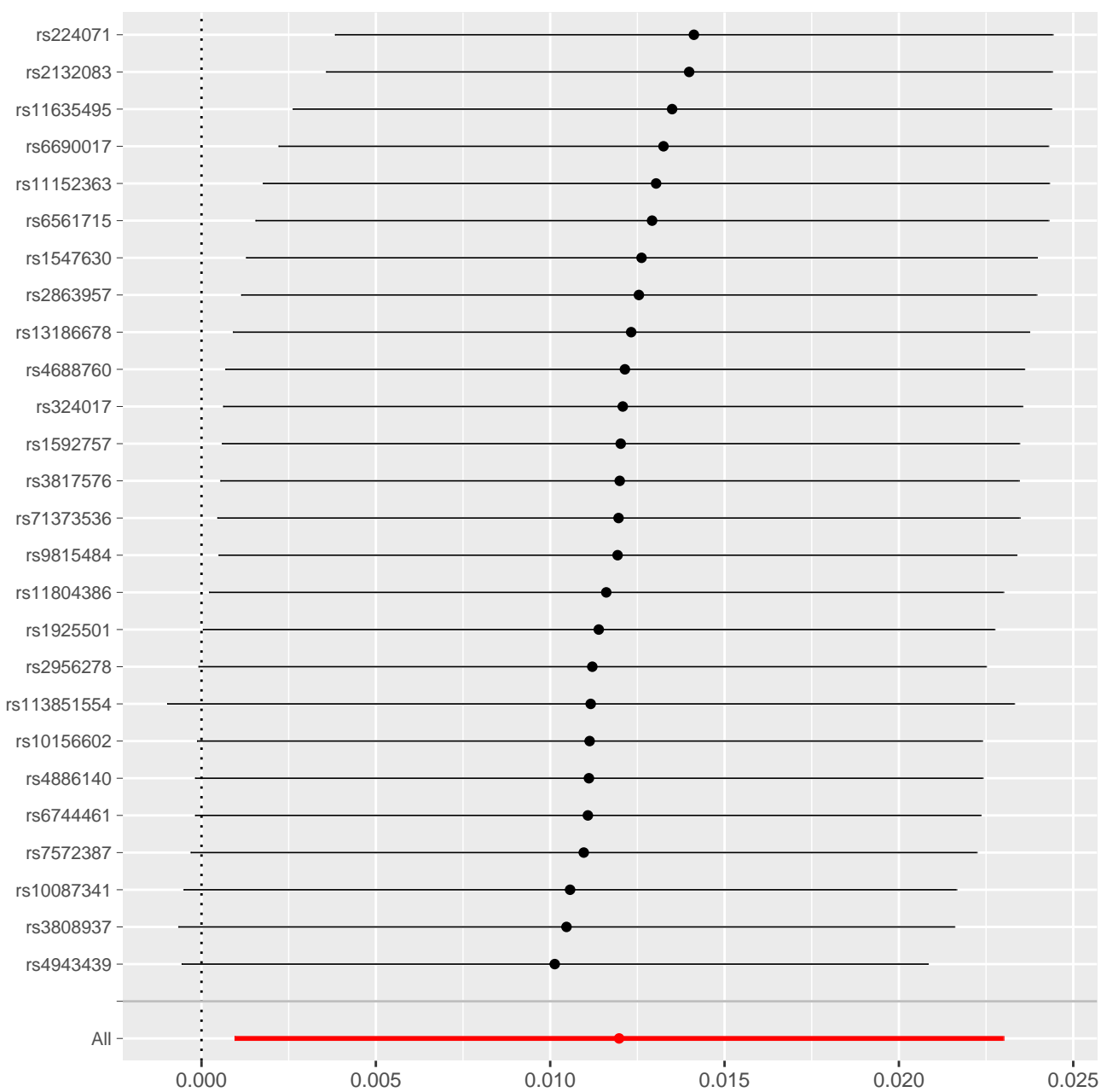
MR leave-one-out sensitivity analysis for 'Pain type(s) experienced in last month: Back pain || id:ukb-b-9838' on 'Non-cancer illness code self-reported: anxiety/panic attacks || id:ukb-b-9838'



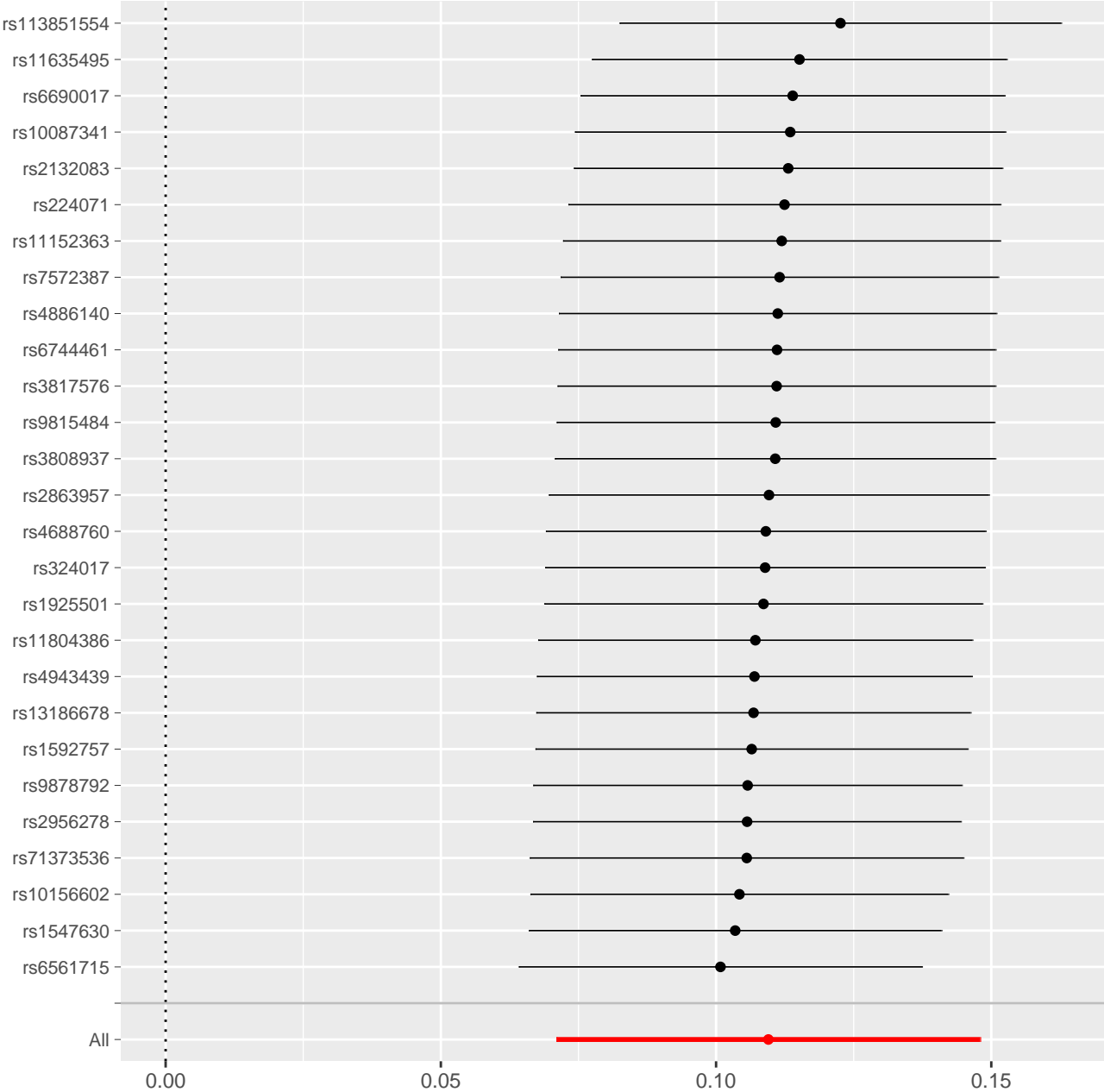
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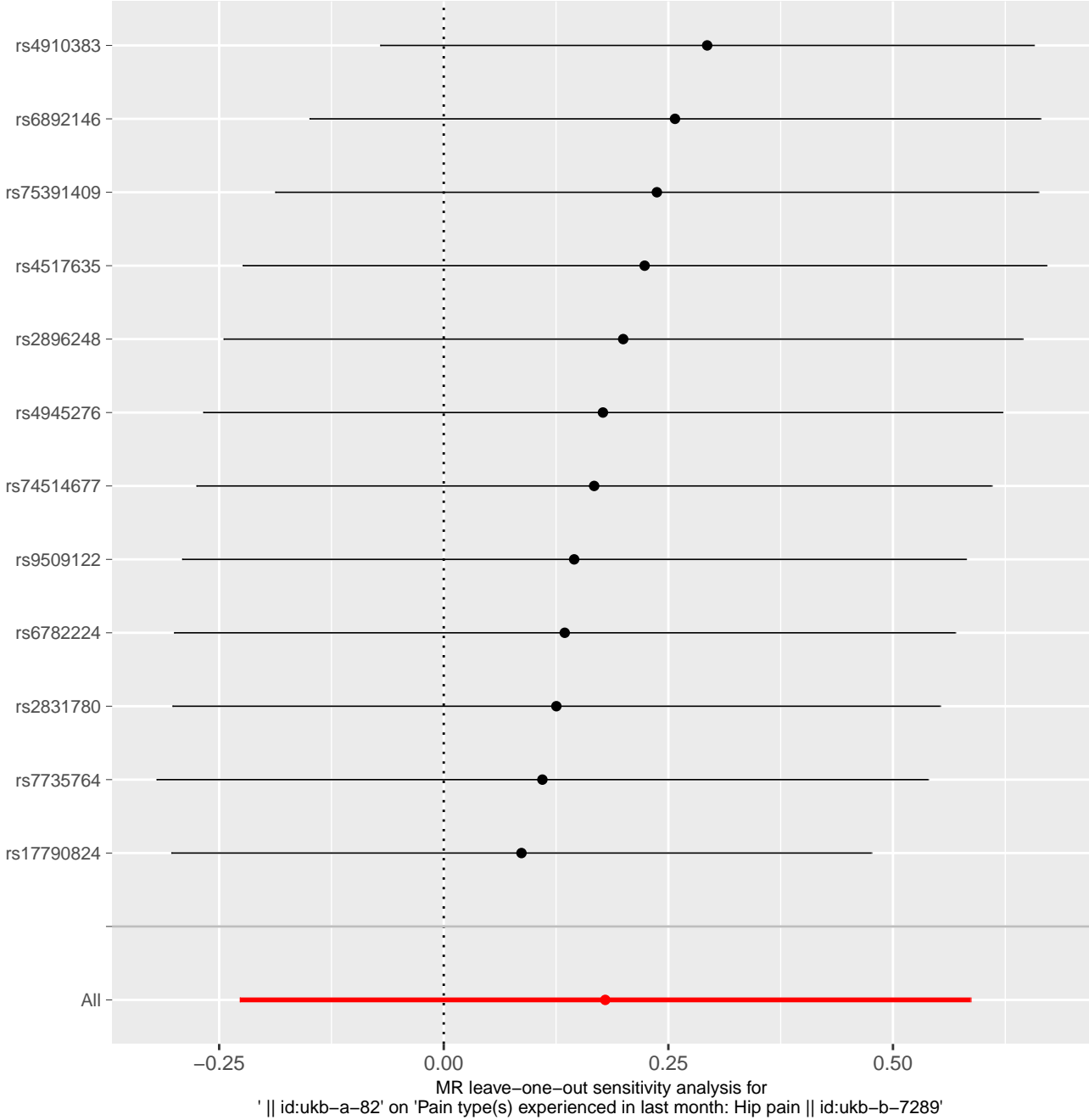
MR leave-one-out sensitivity analysis for 'Sleeplessness / insomnia || id:ukb-a-13' on 'Pain type(s) experienced in last month: Knee pain || id:ukb-b-16254'

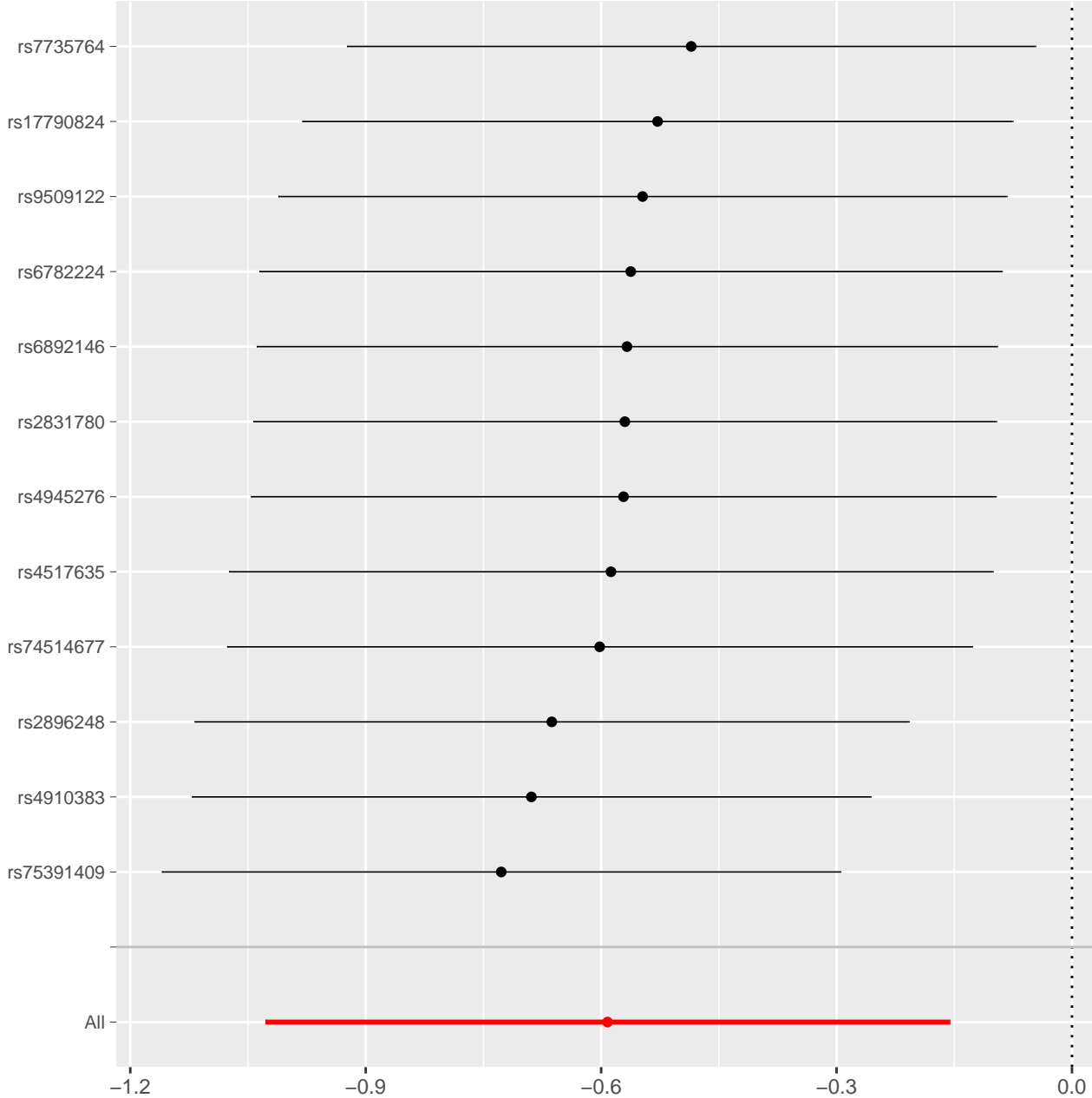


MR leave-one-out sensitivity analysis for 'Sleeplessness / insomnia || id:ukb-a-13' on 'Pain type(s) experienced in last month: Facial pain || id:ukb-b-17107'

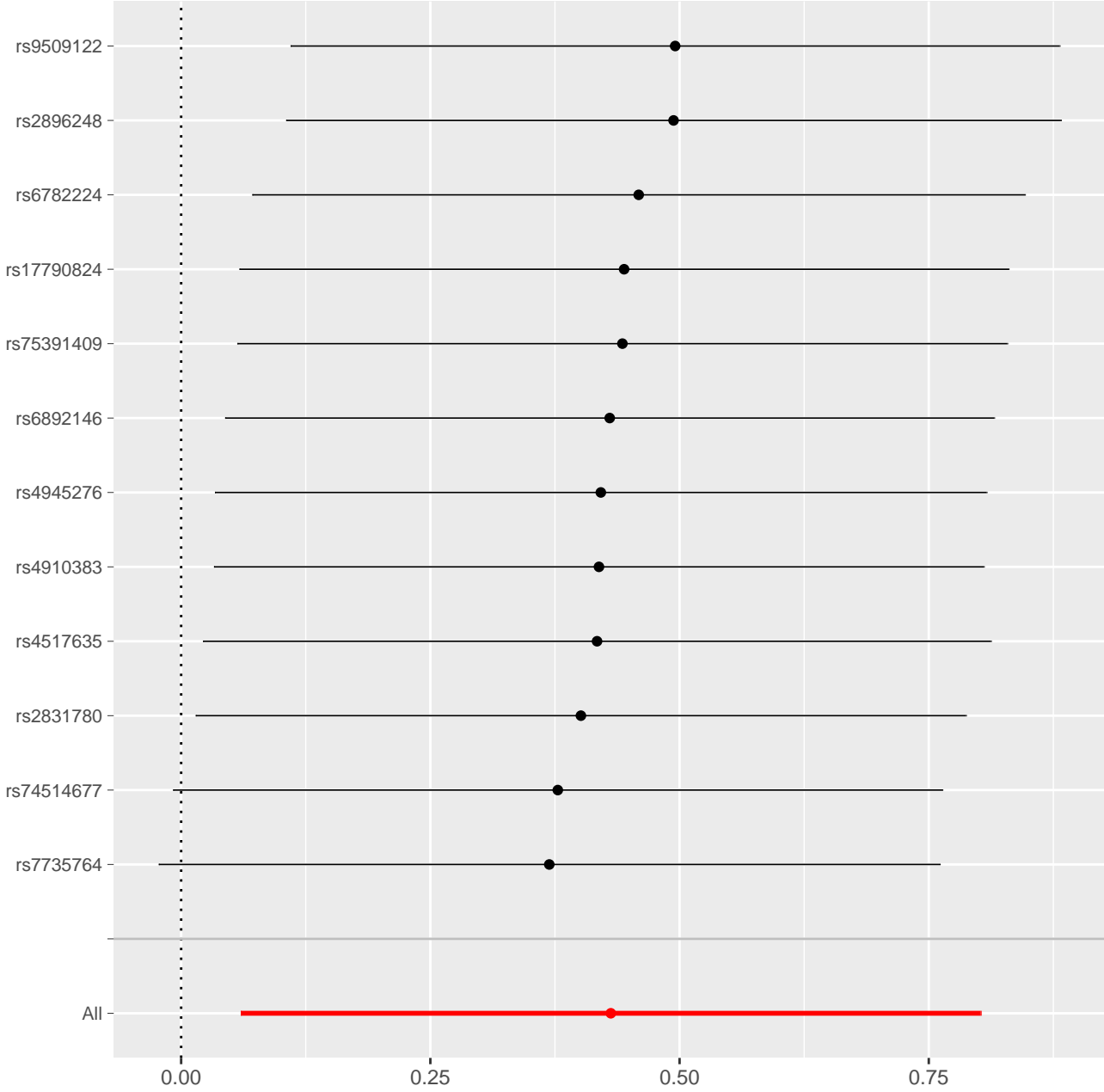


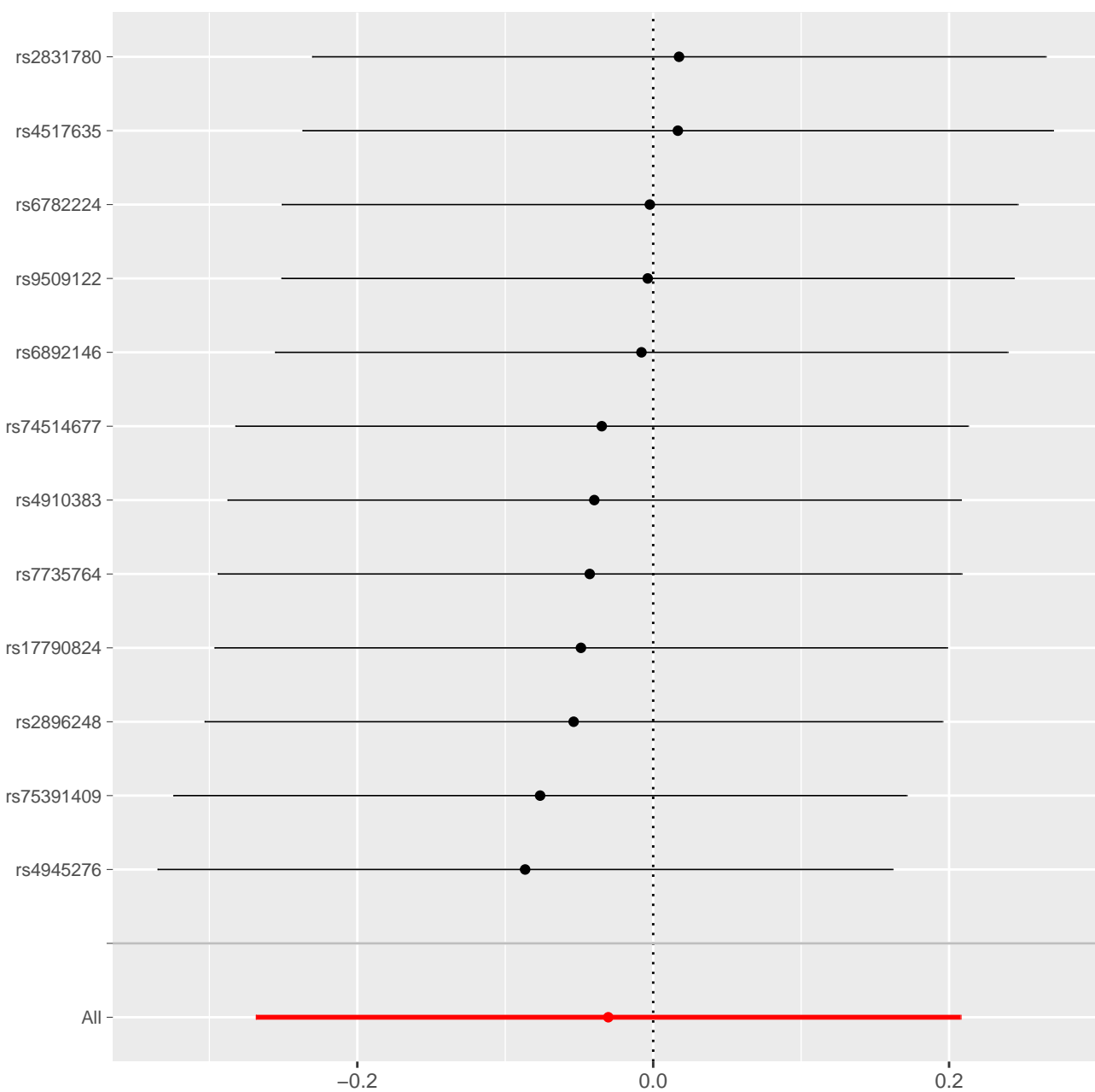
MR leave-one-out sensitivity analysis for 'Sleeplessness / insomnia || id:ukb-a-13' on 'Pain type(s) experienced in last month: Neck or shoulder pain || id:ukb-b-18596'



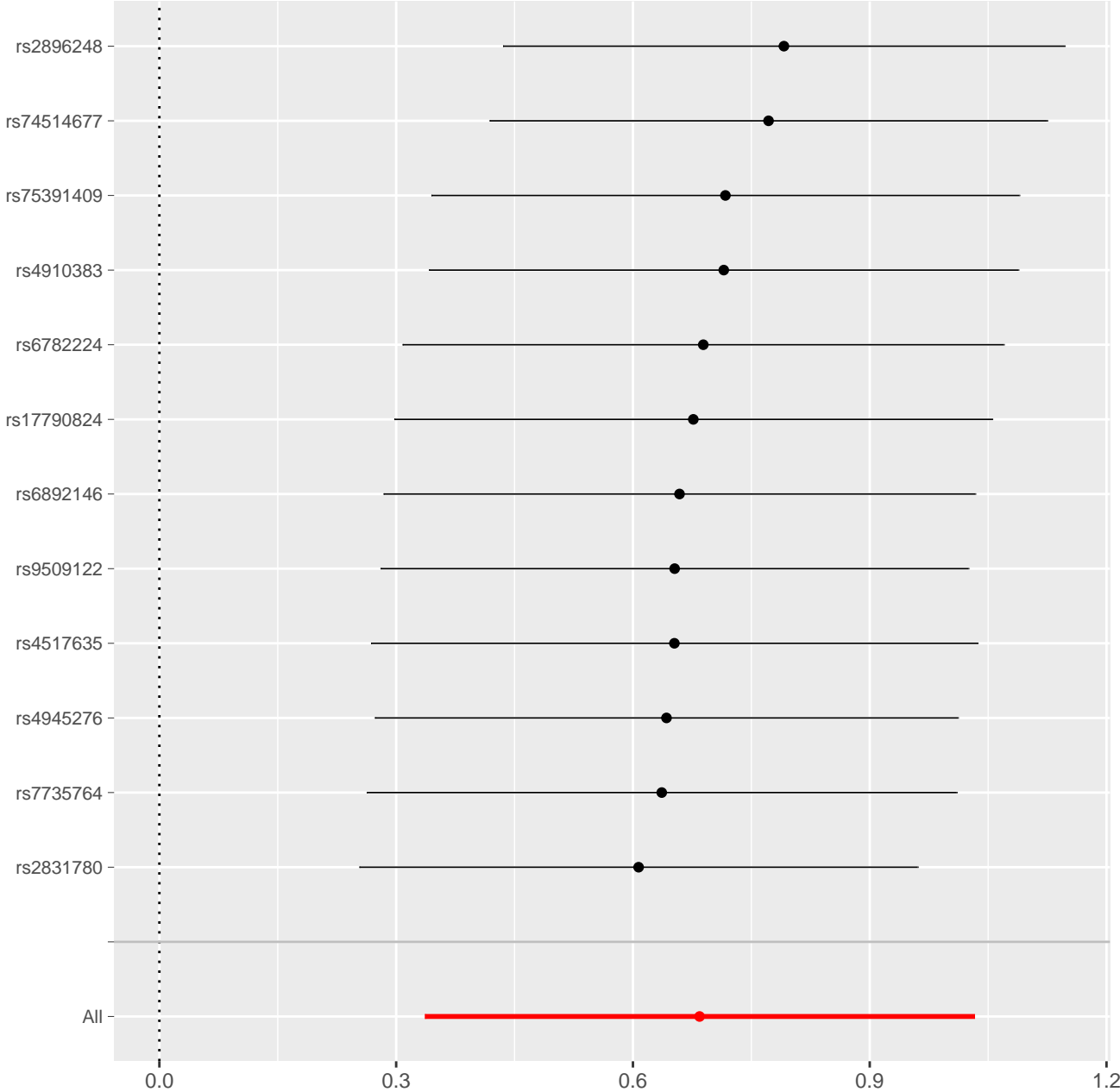


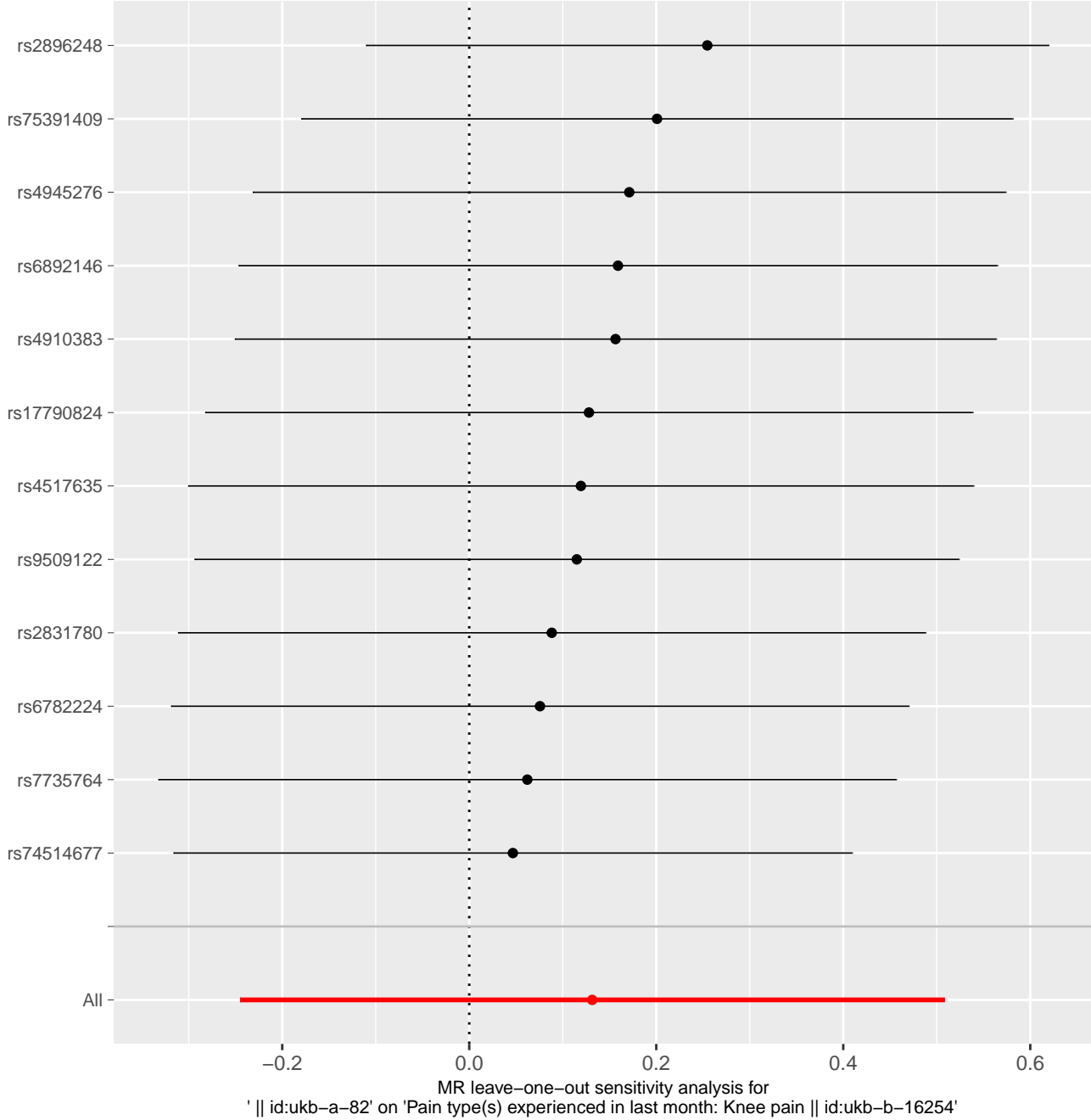
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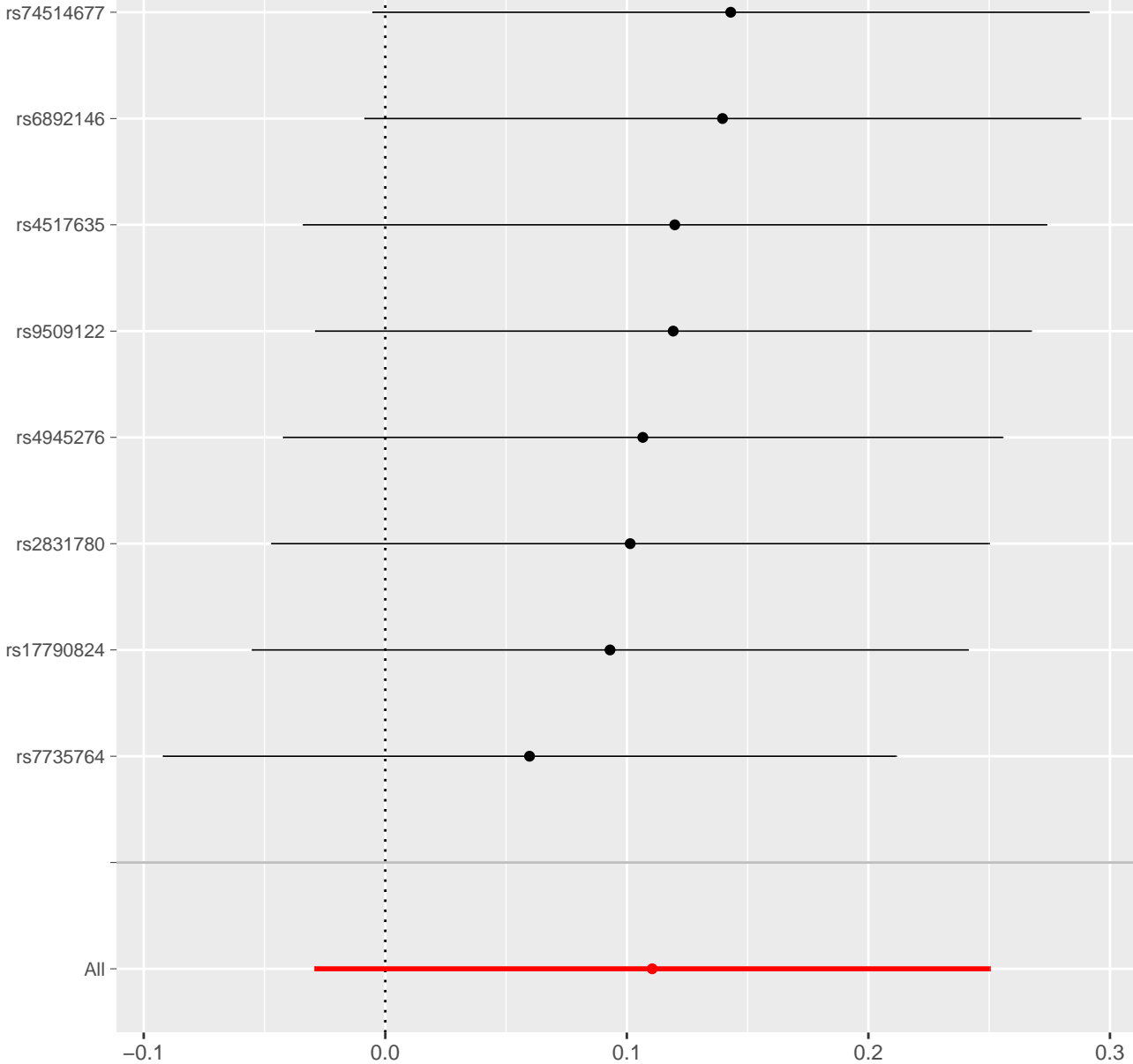


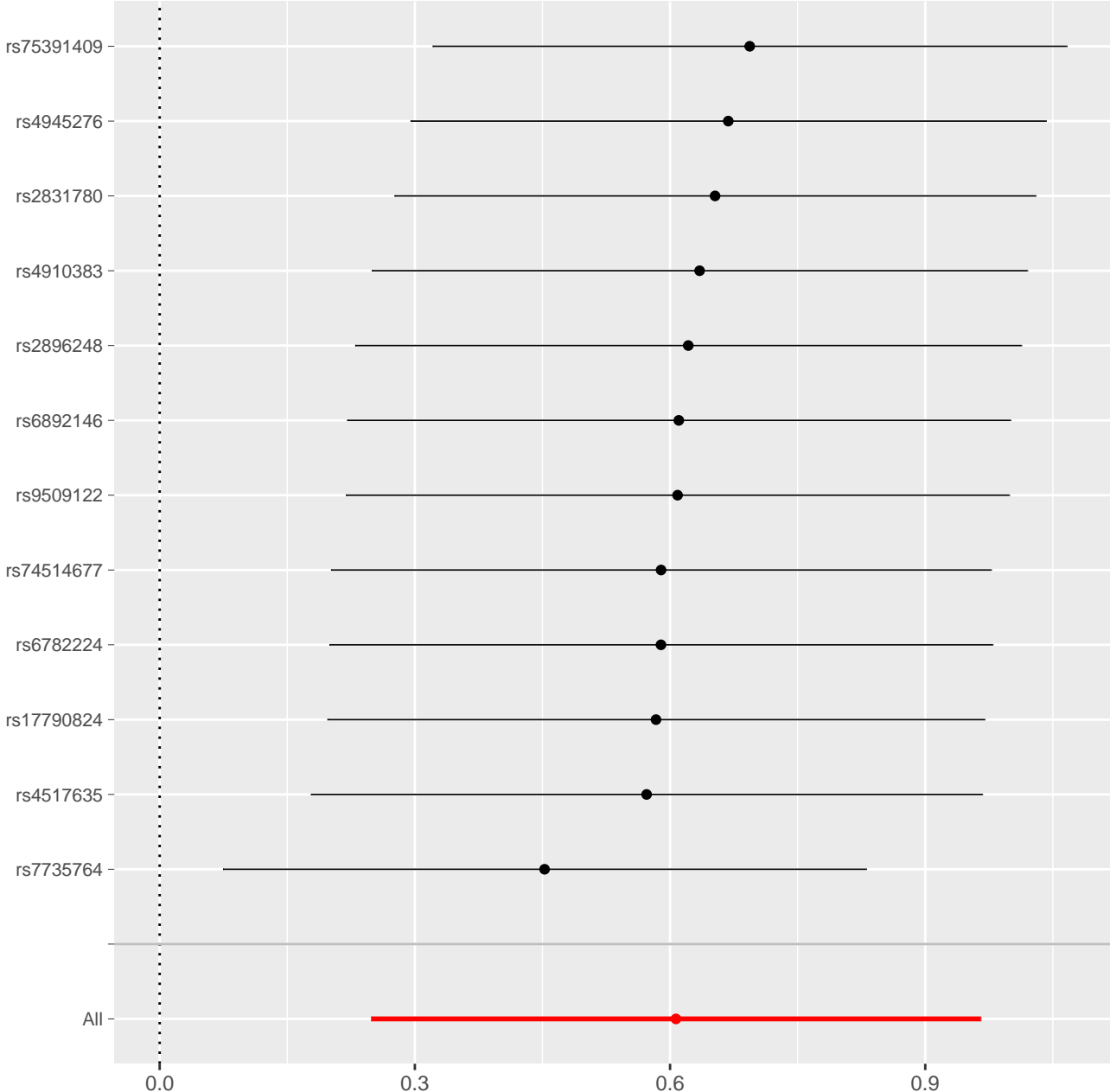


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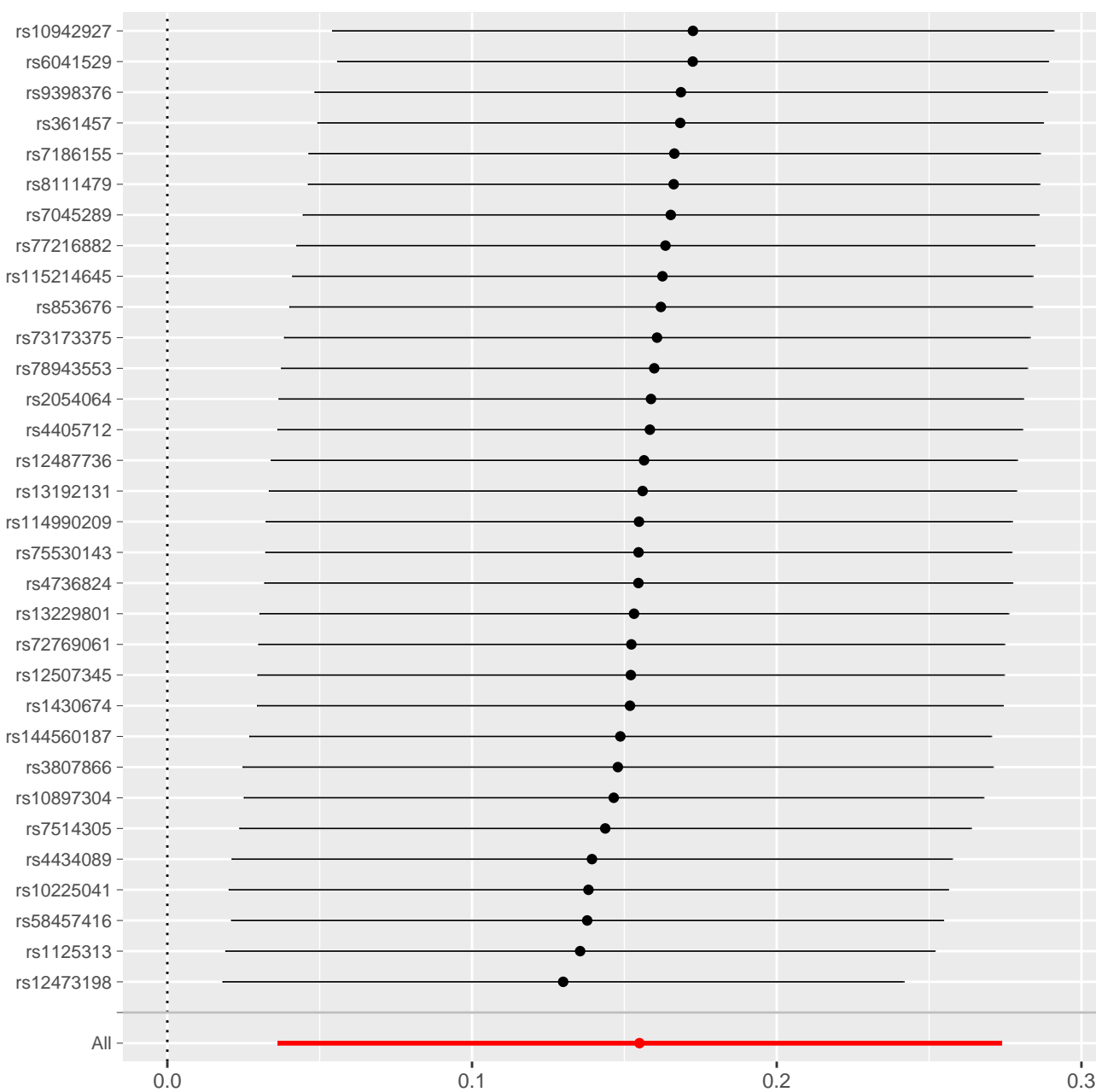


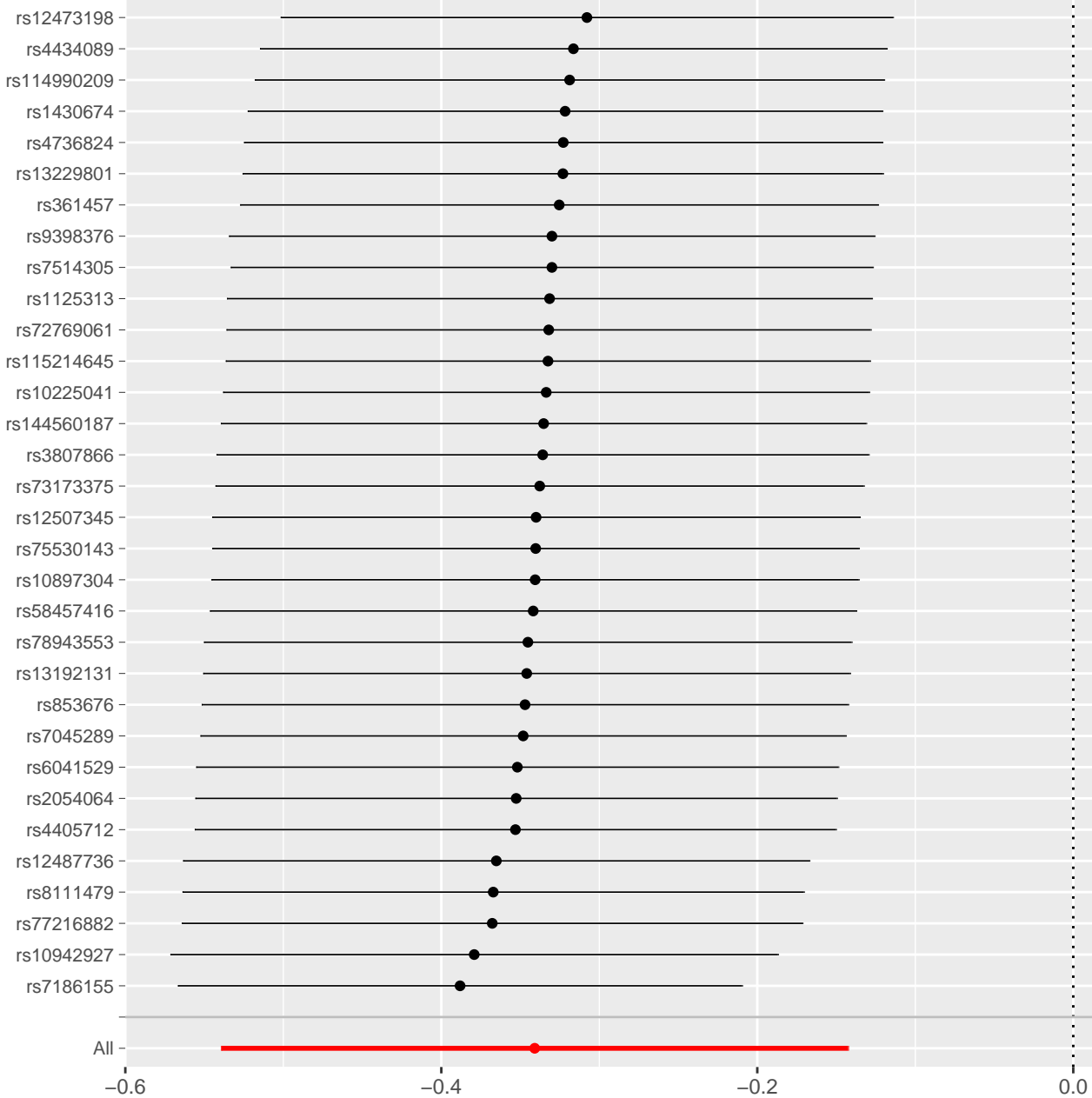




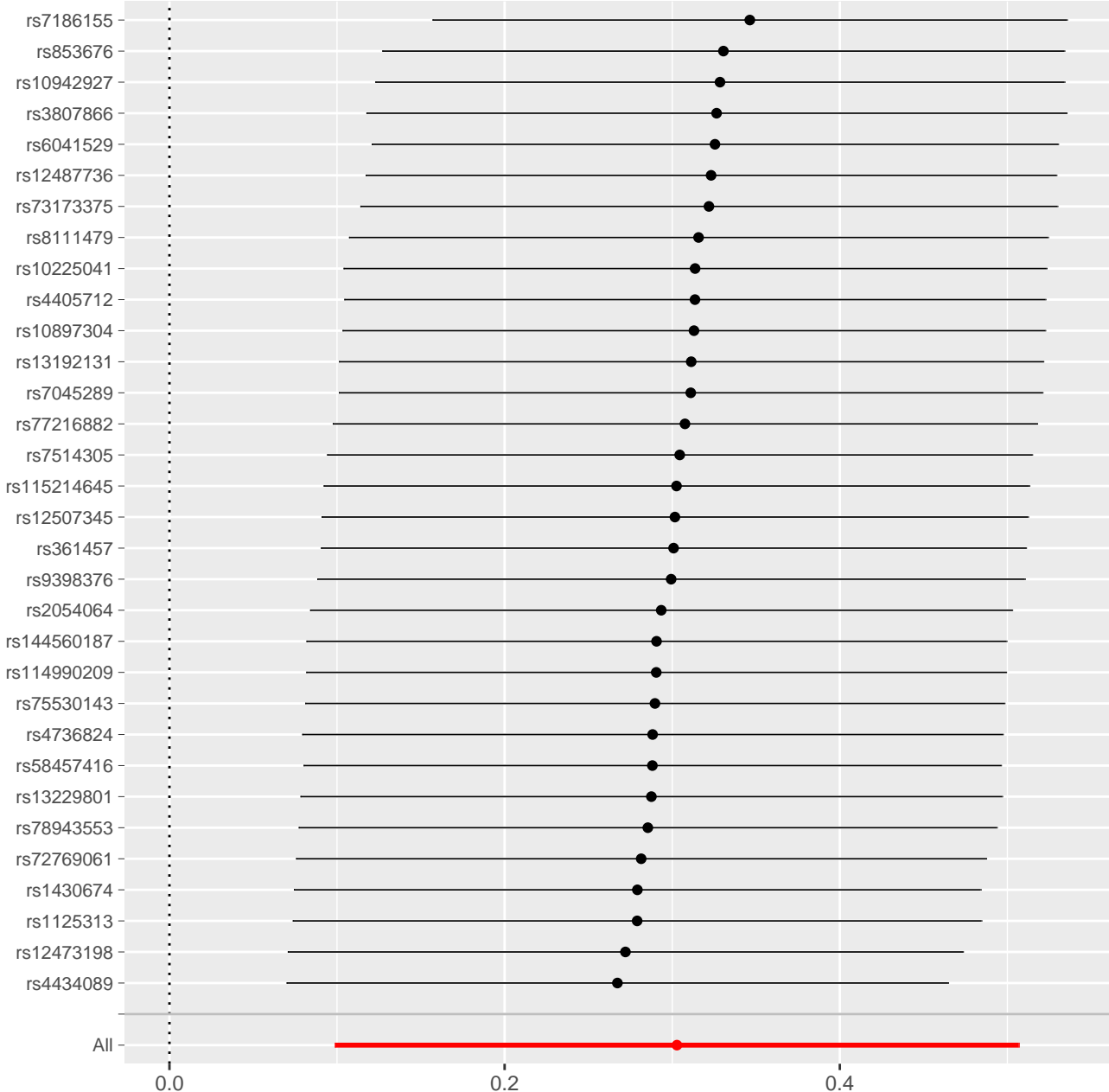


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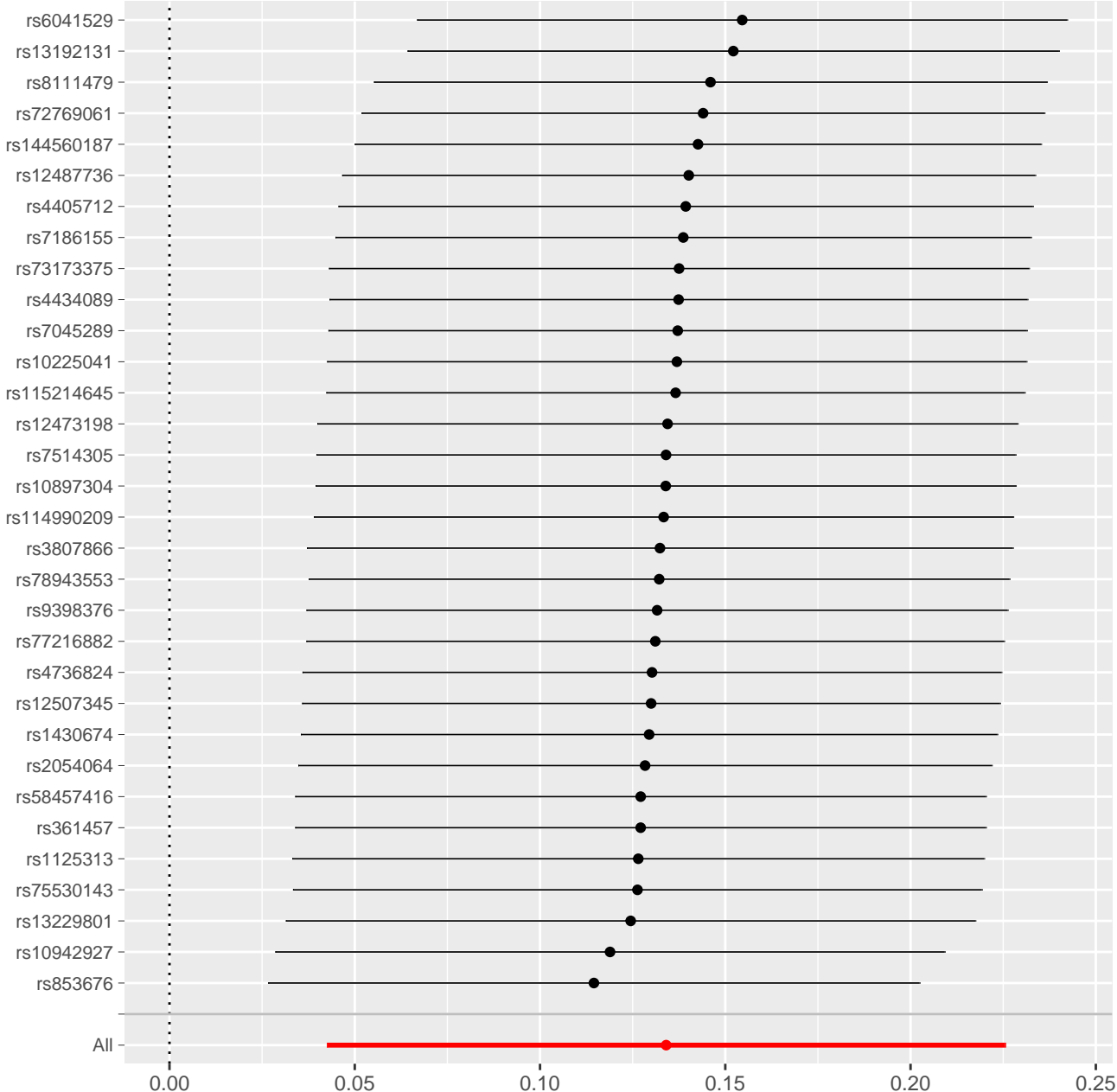


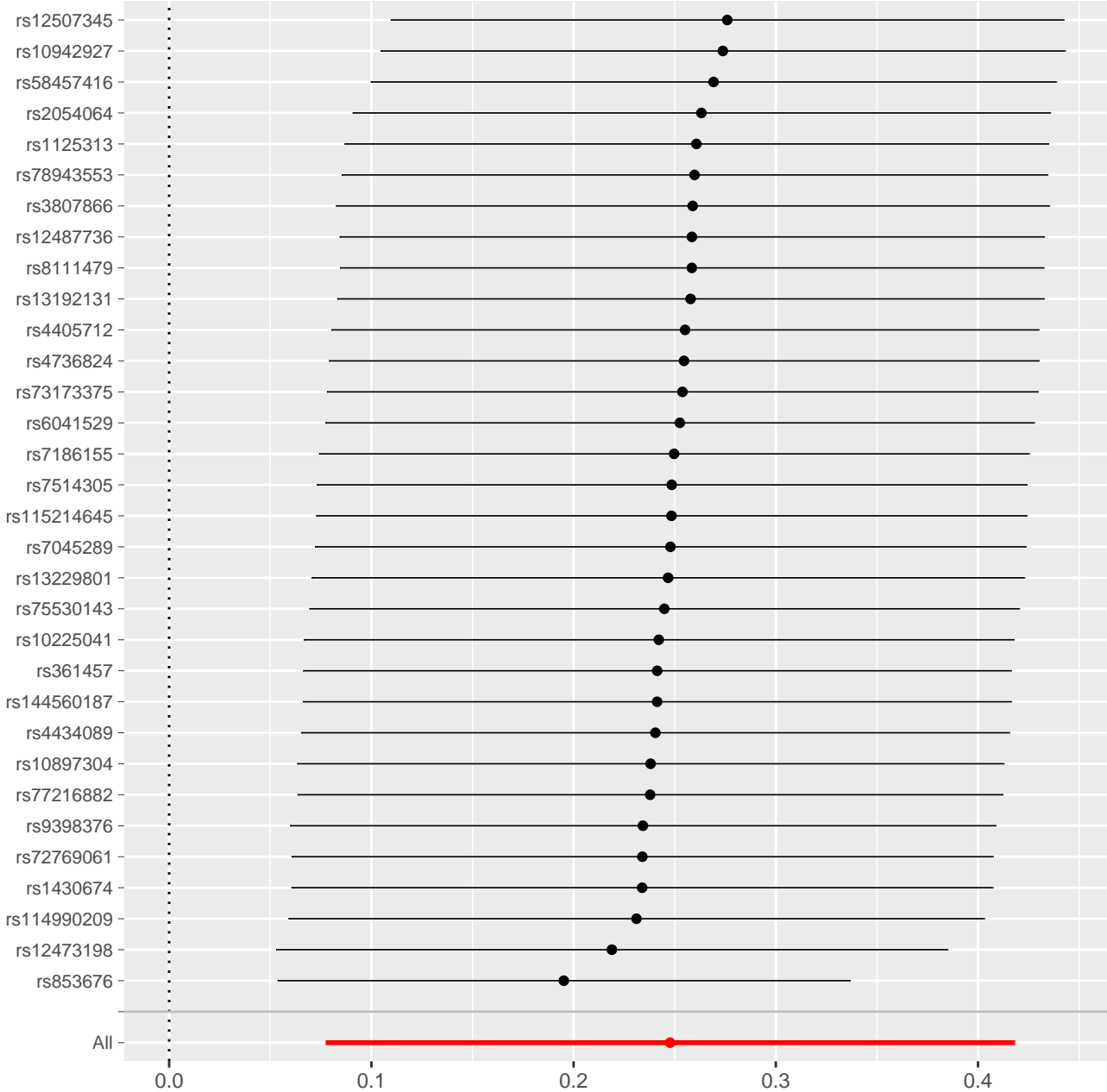


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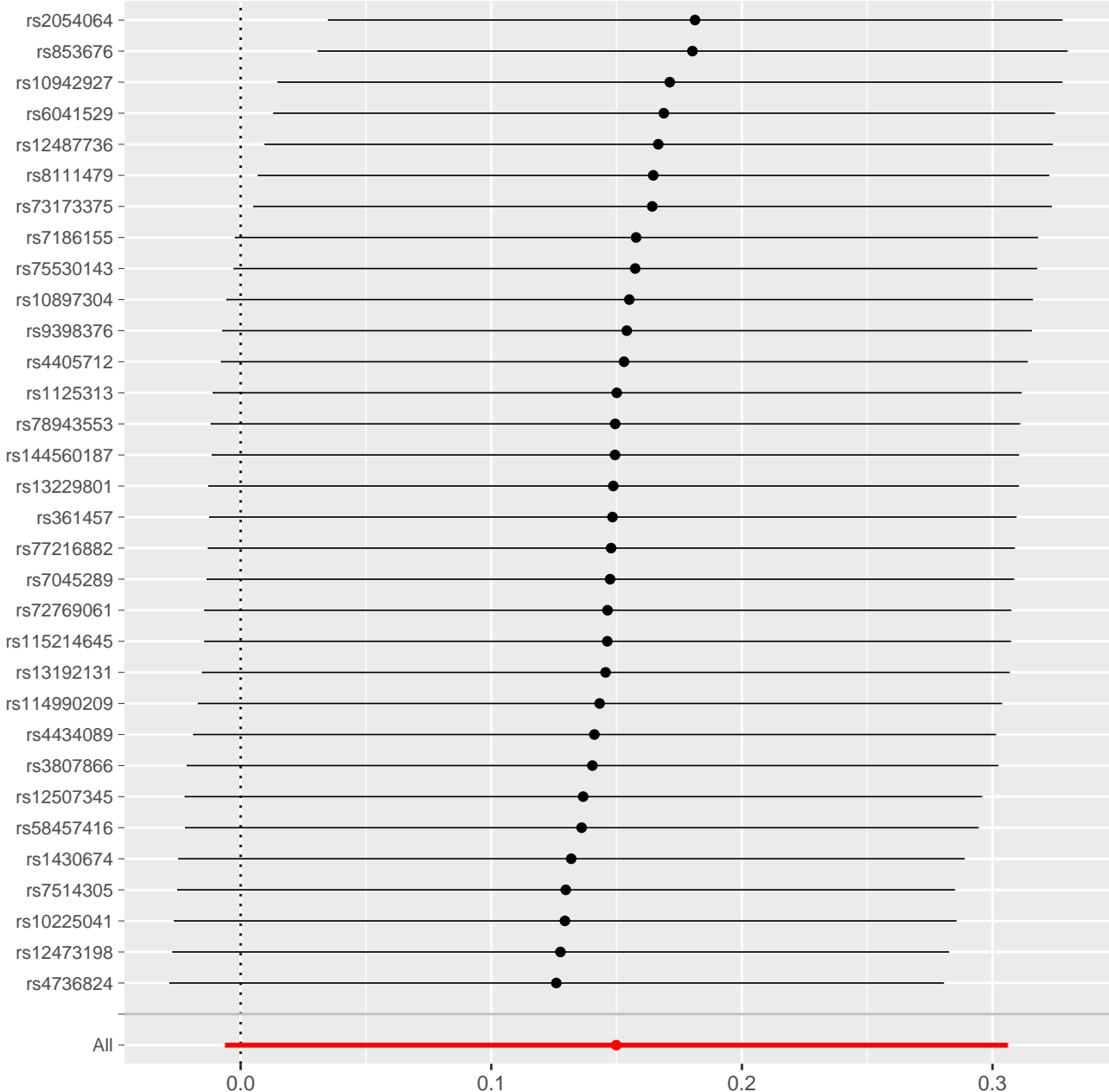


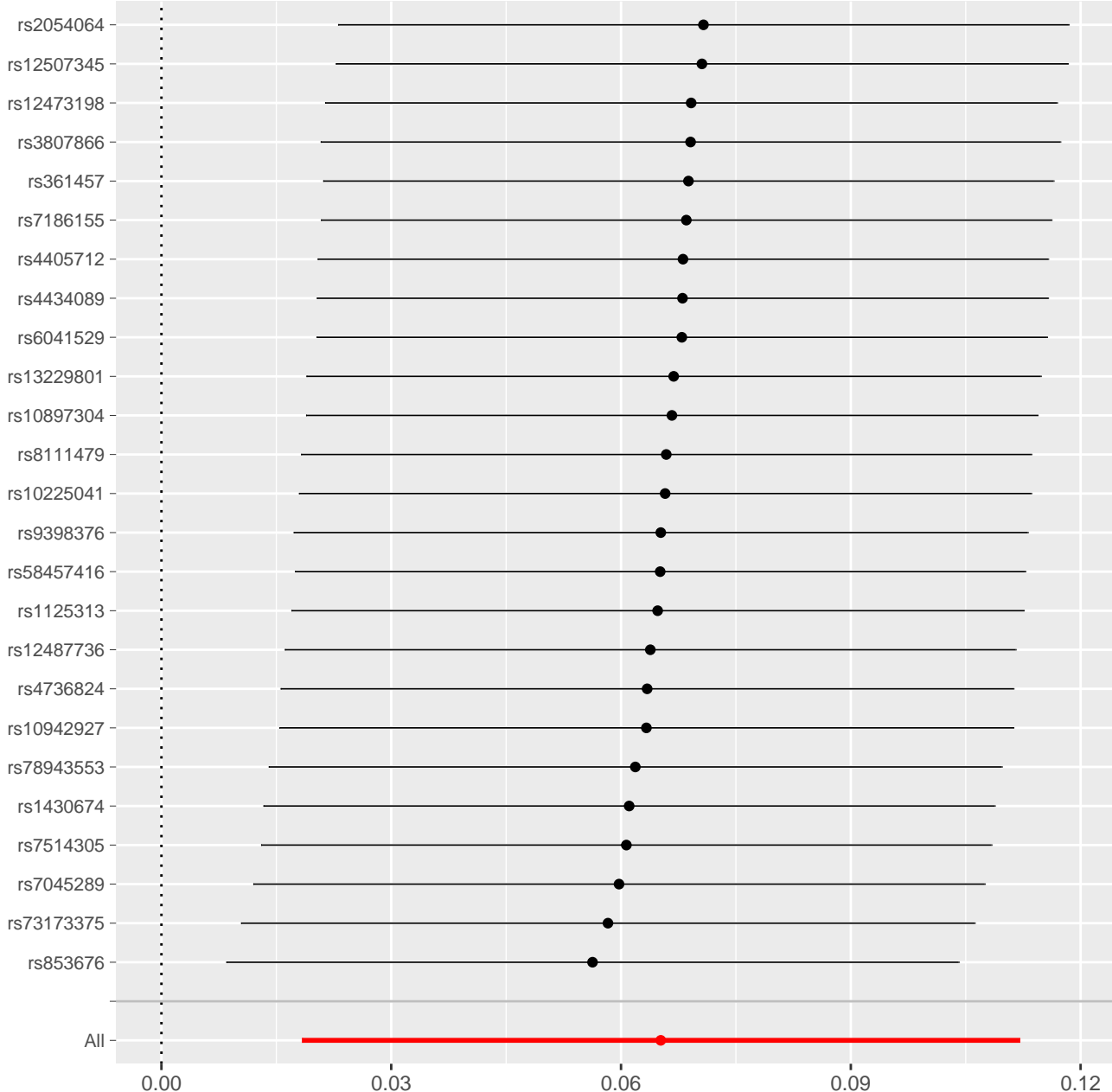
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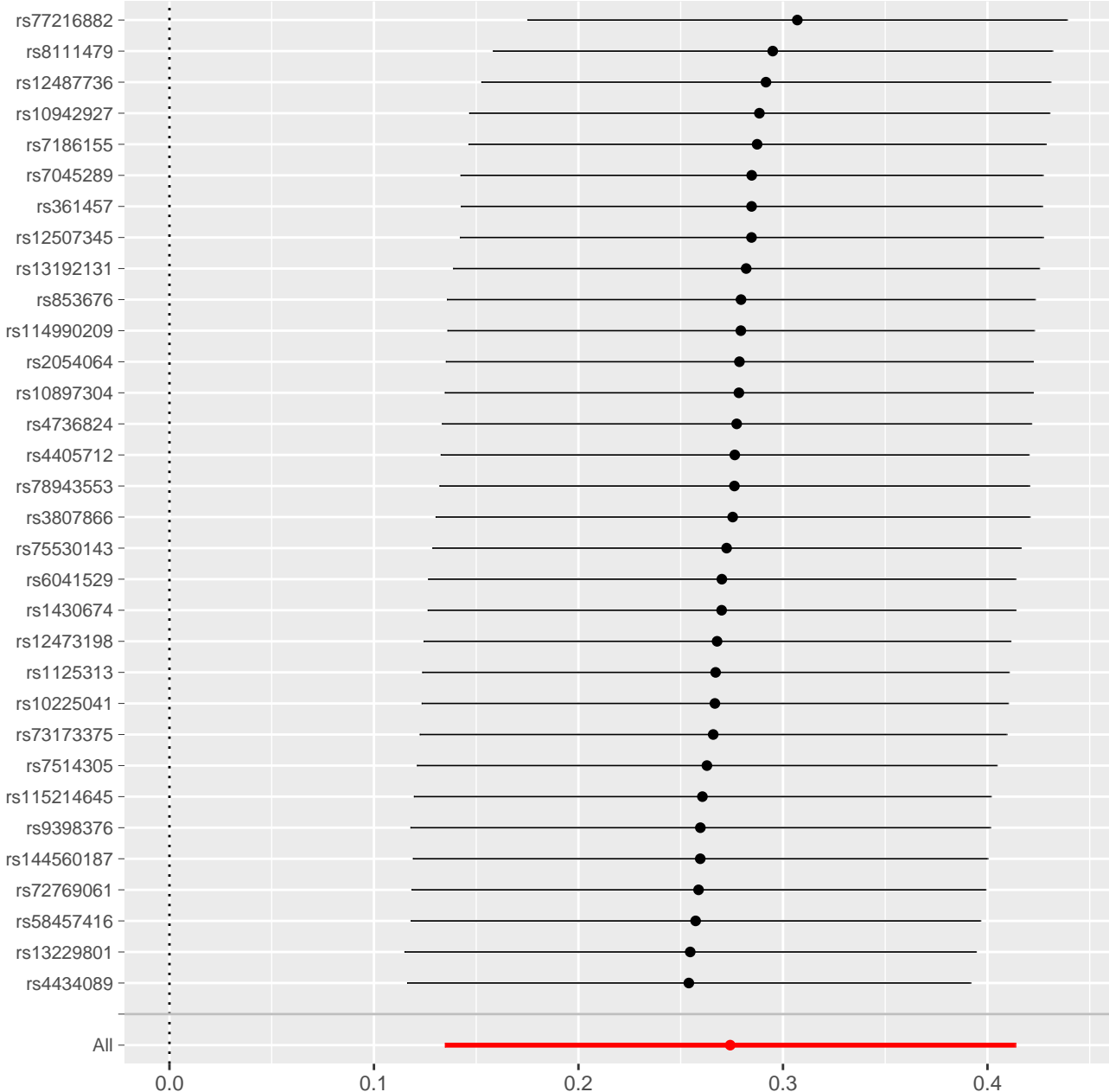


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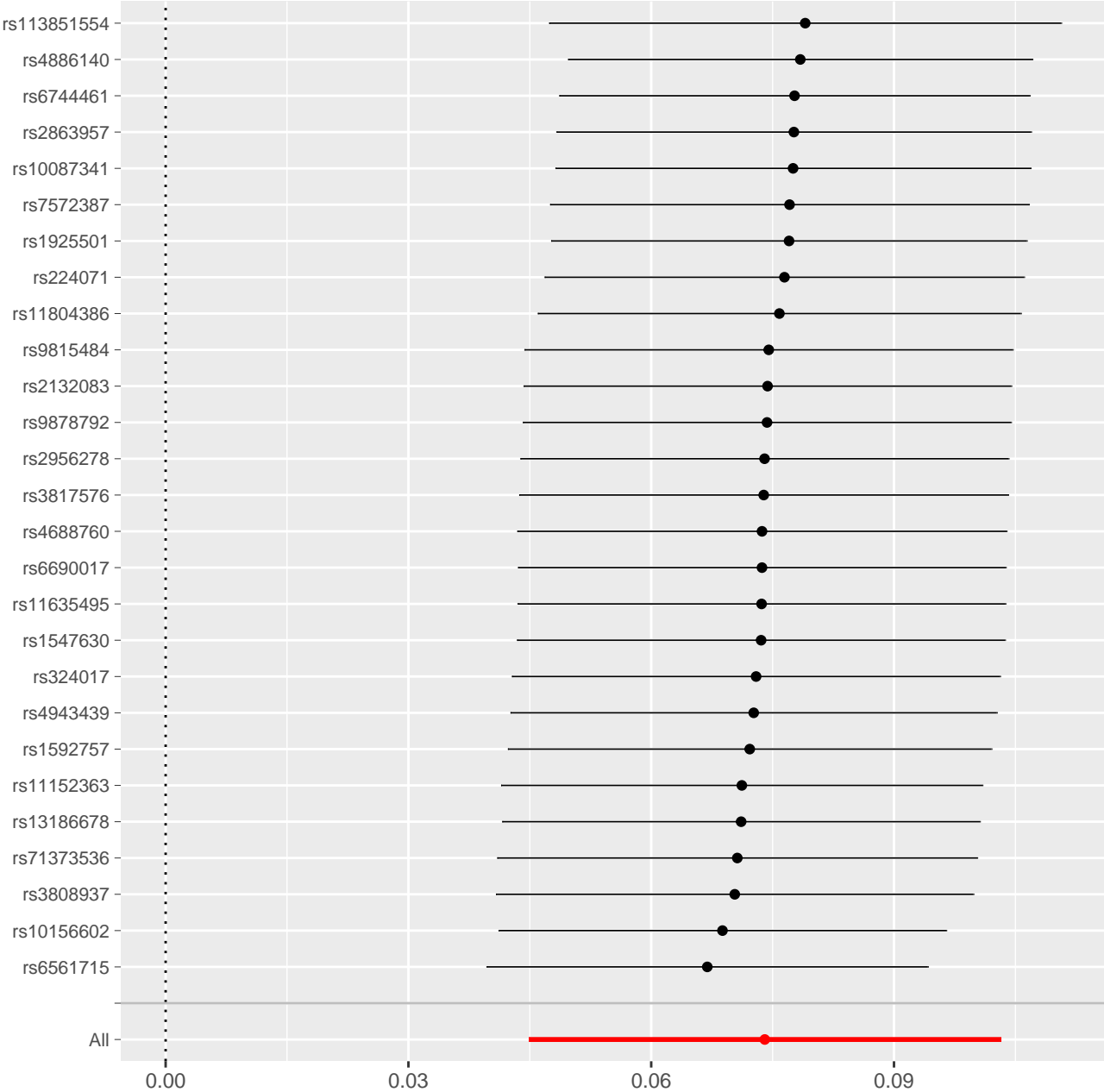




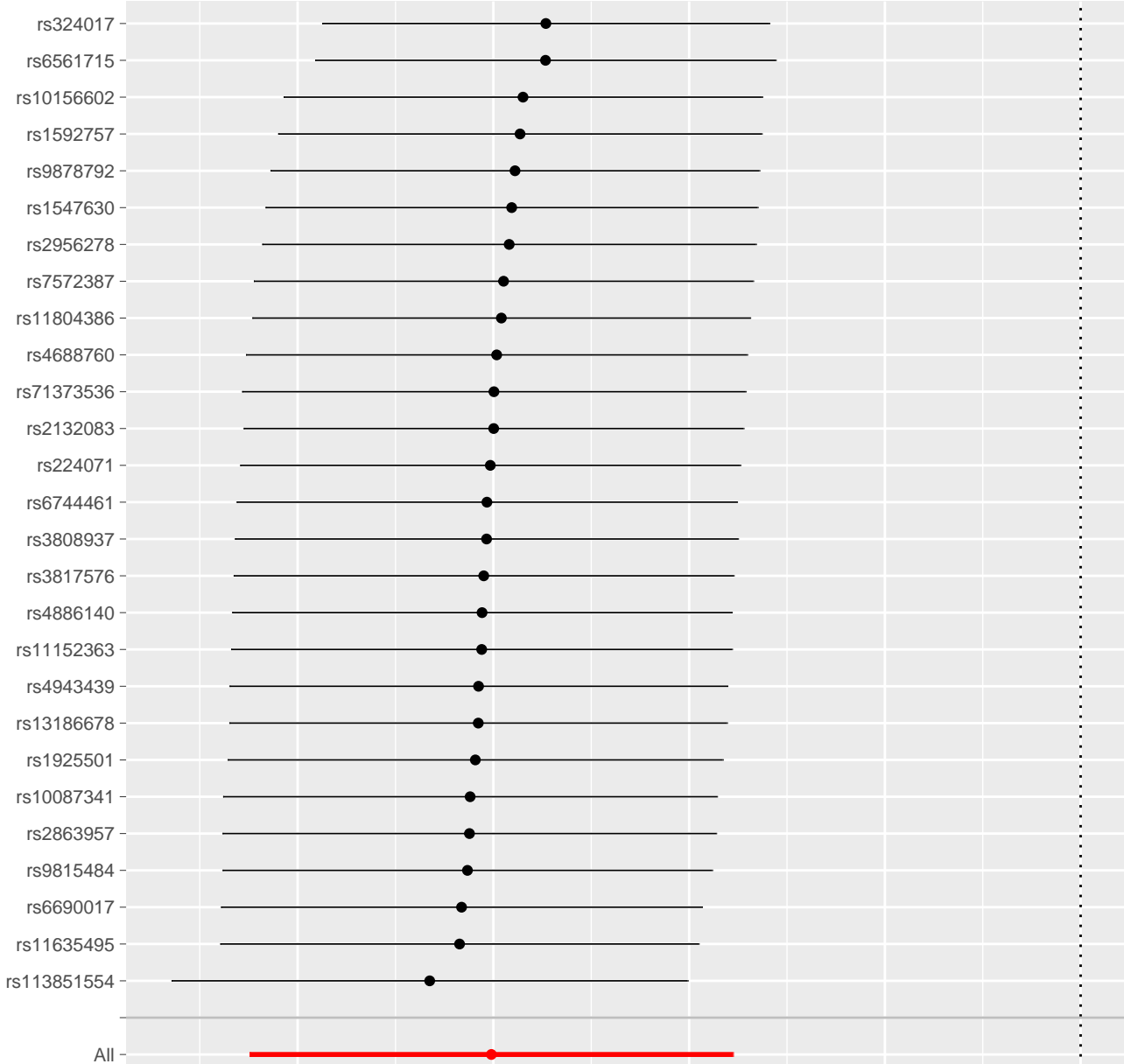
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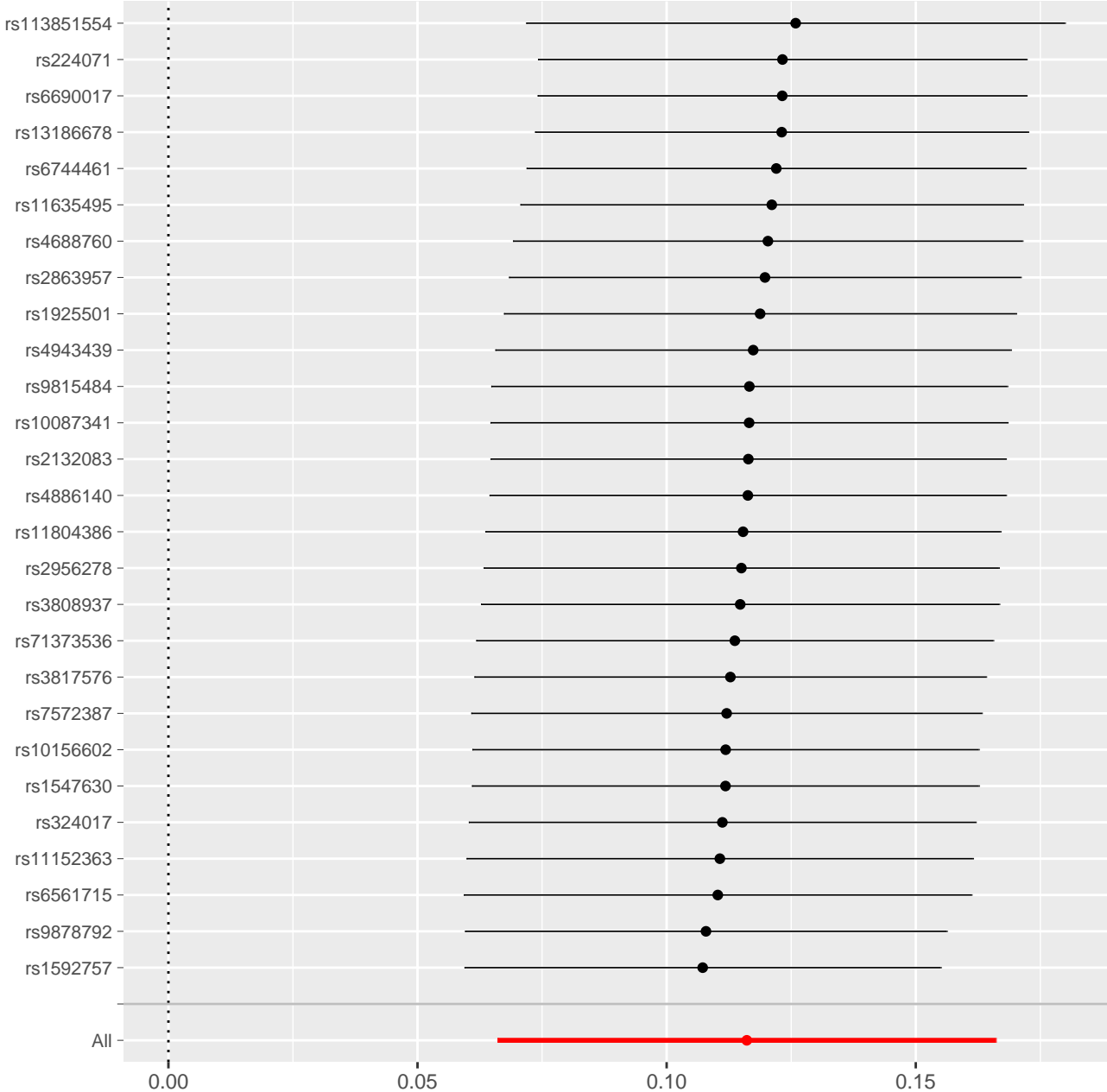
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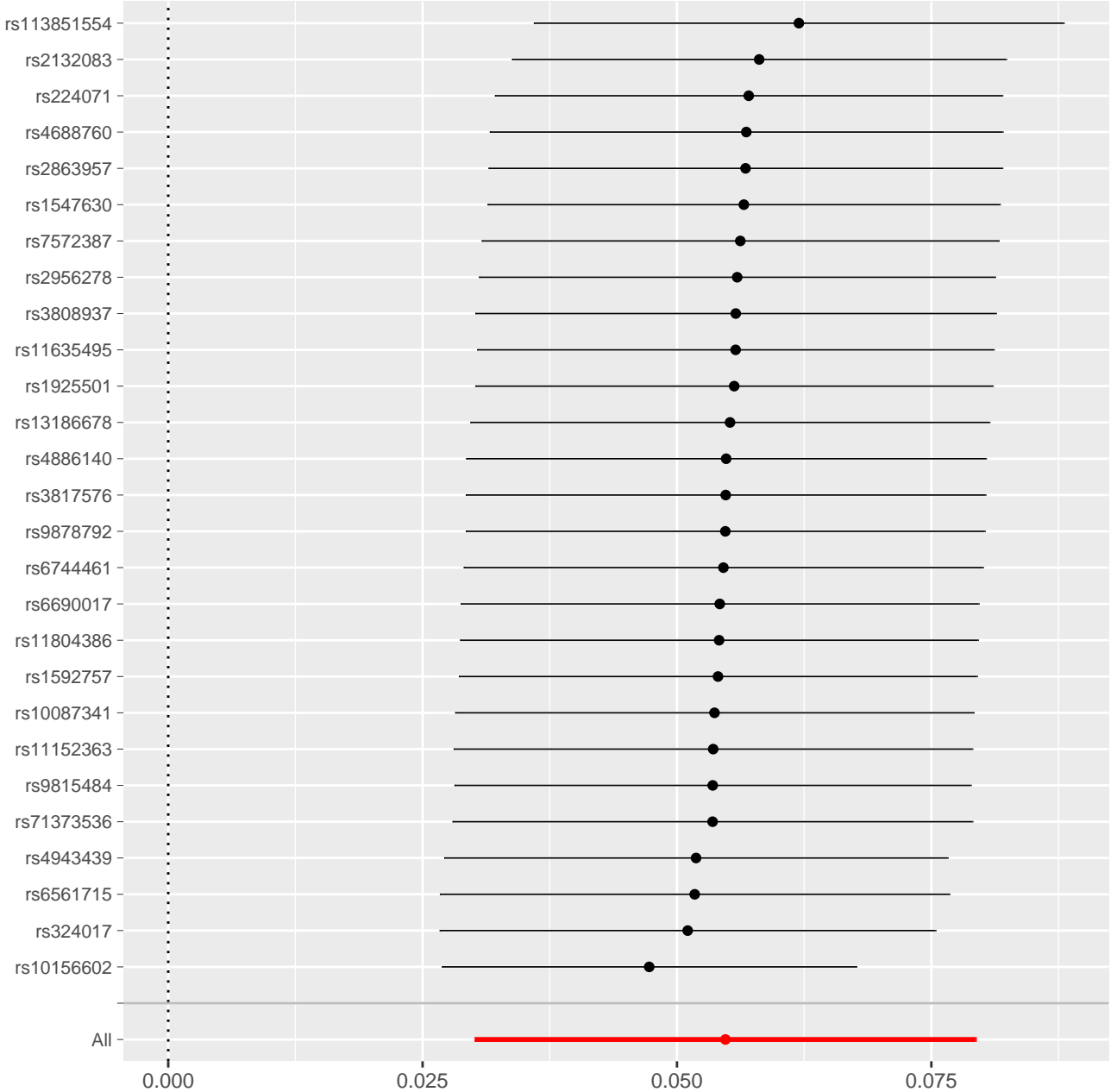


MR leave-one-out sensitivity analysis for 'Sleeplessness / insomnia || id:ukb-a-13' on 'Pain type(s) experienced in last month: Hip pain || id:ukb-b-7289'

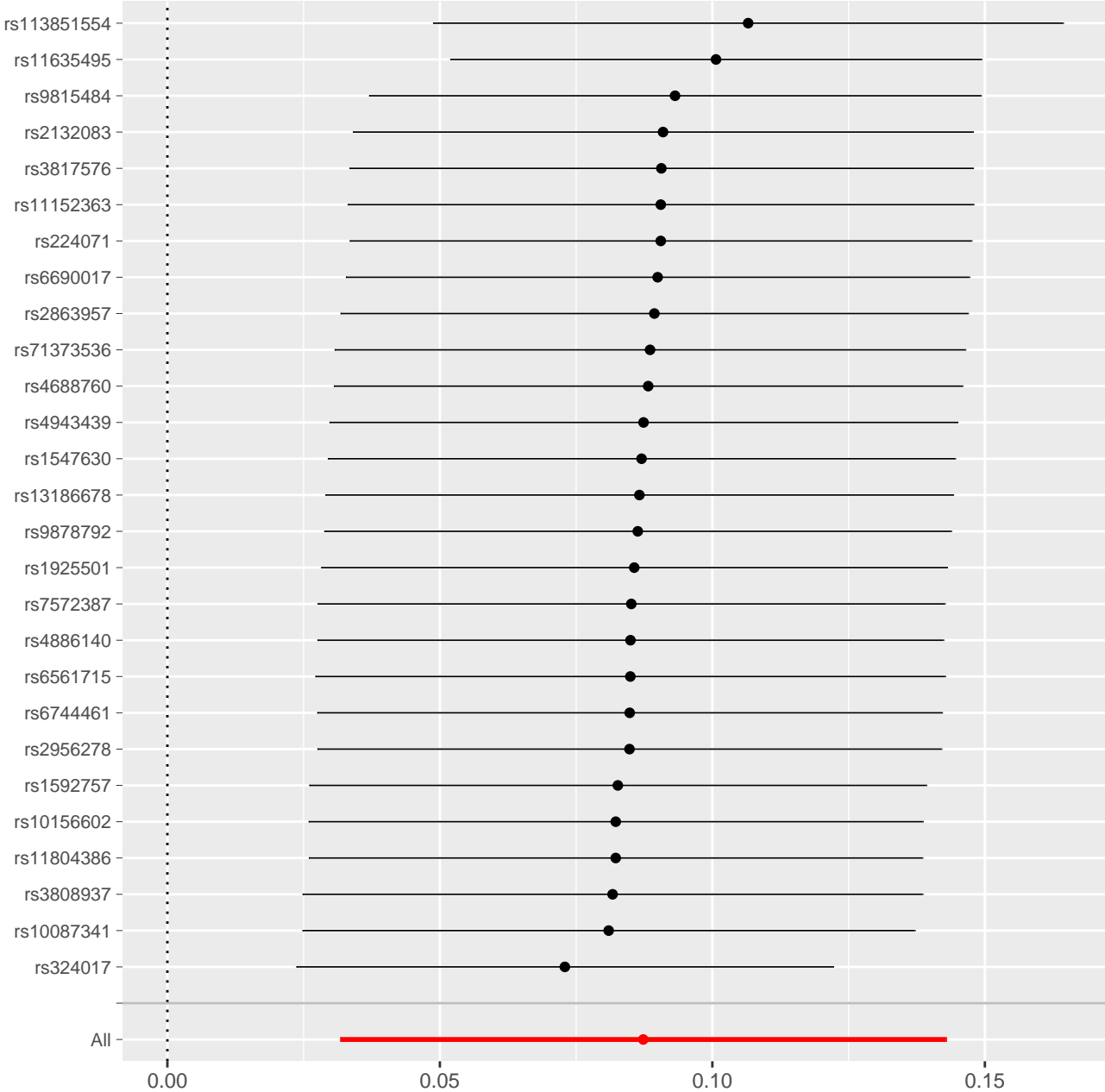


MR leave-one-out sensitivity analysis for 'Sleeplessness / insomnia || id:ukb-a-13' on 'Pain type(s) experienced in last month: None of the above || id:ukb-b-9130'





'Sleeplessness / insomnia || id:ukb-a-13' on 'Pain type(s) experienced in last month: Stomach or abdominal pain || id:ukb-b-114'



MR leave-one-out sensitivity analysis for 'Sleeplessness / insomnia || id:ukb-a-13' on 'Pain type(s) experienced in last month: Headache || id:ukb-b-12181'