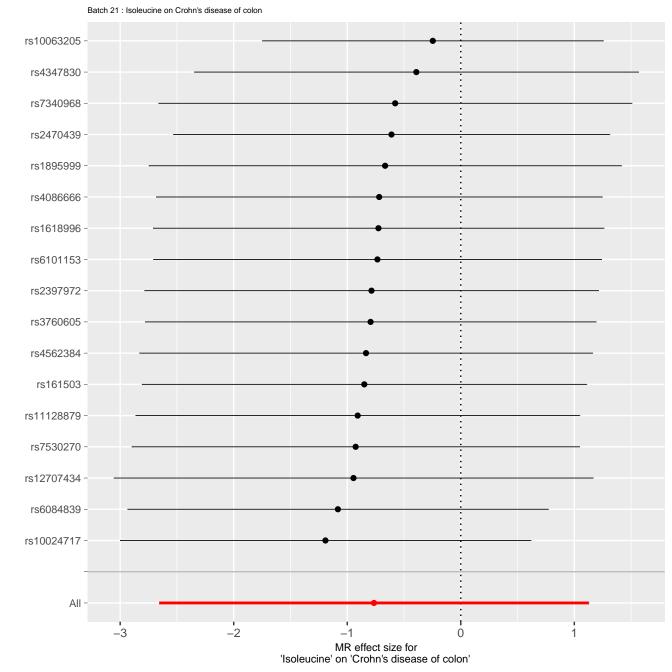
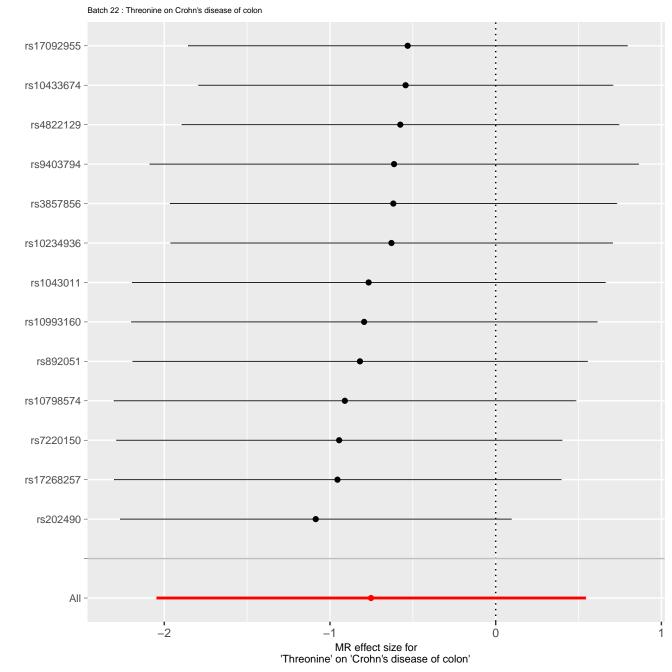
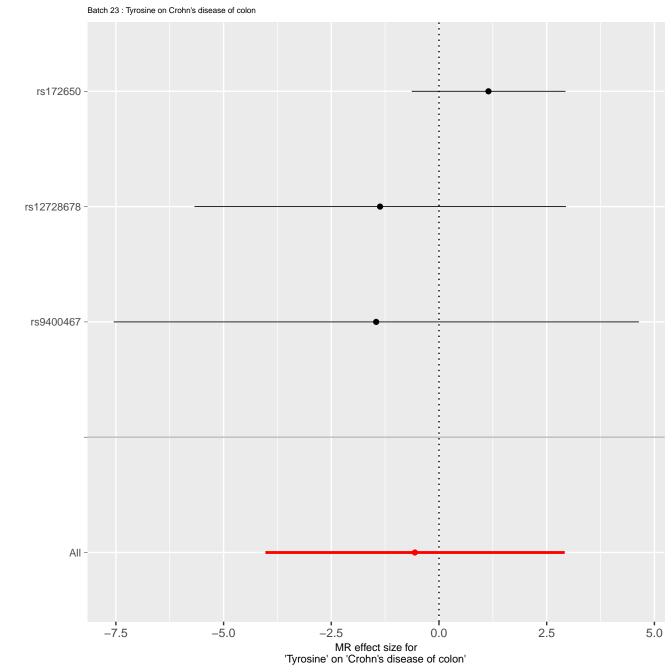


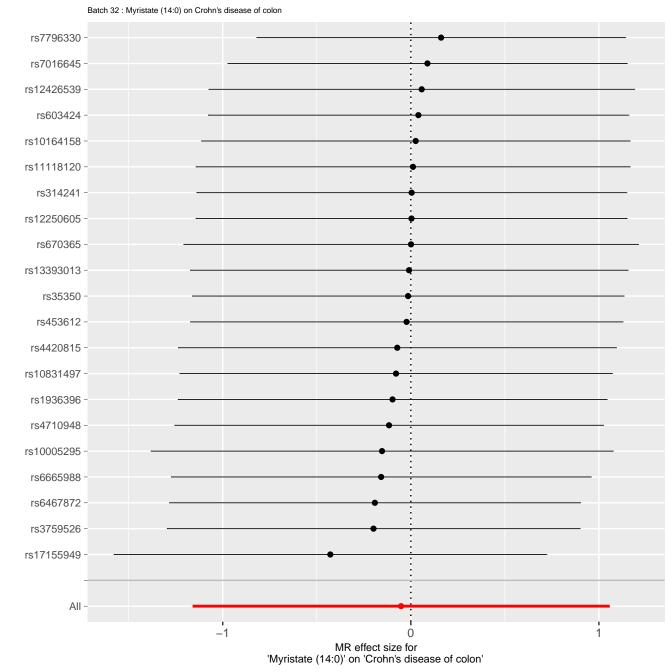
'Allantoin' on 'Crohn's disease of colon'

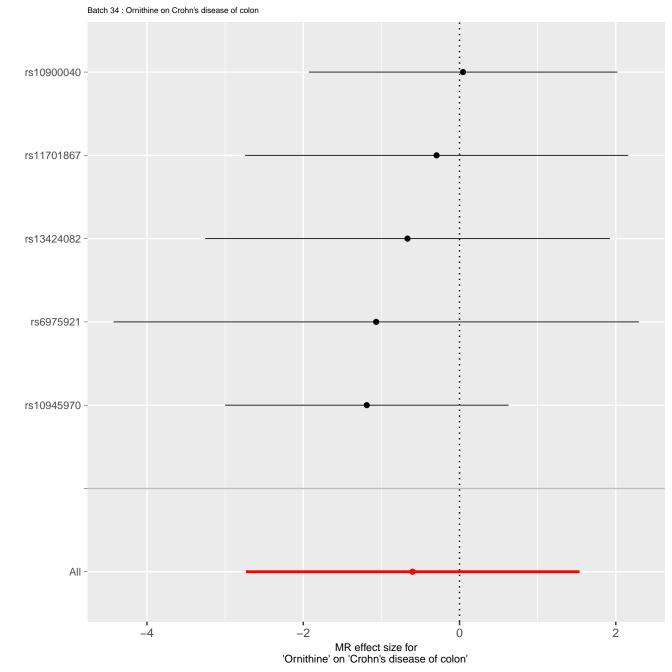
Batch 16: Allantoin on Crohn's disease of colon

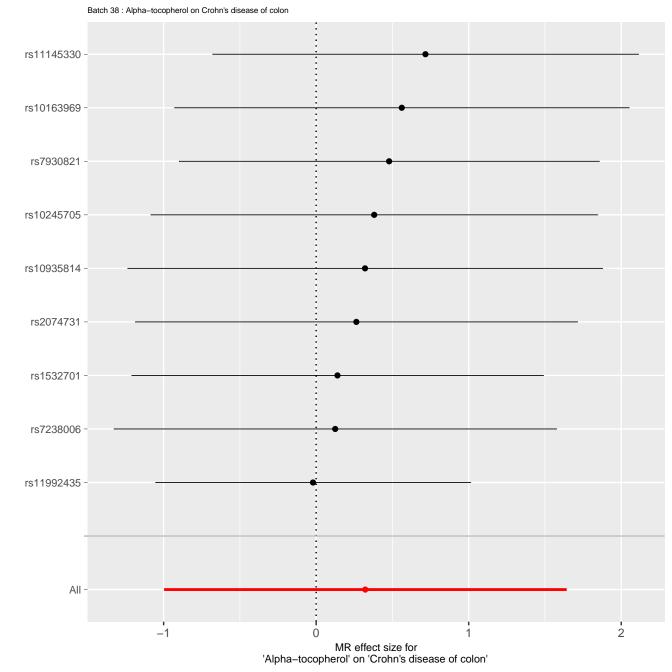


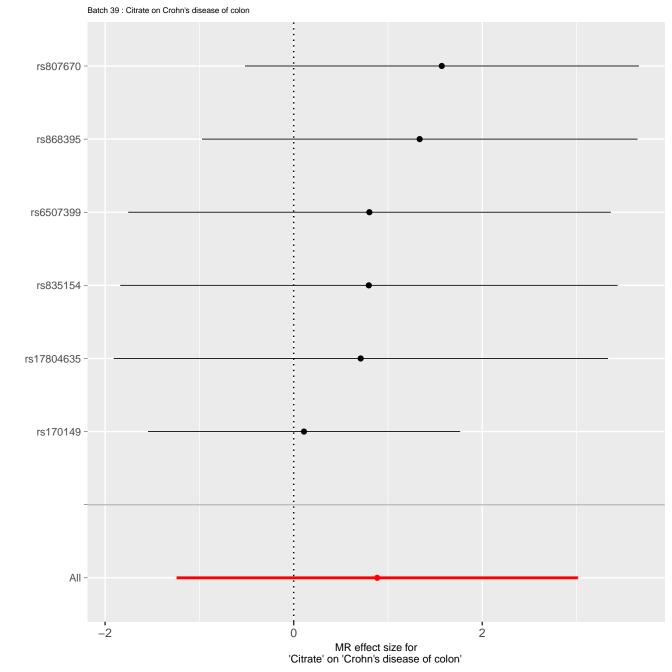


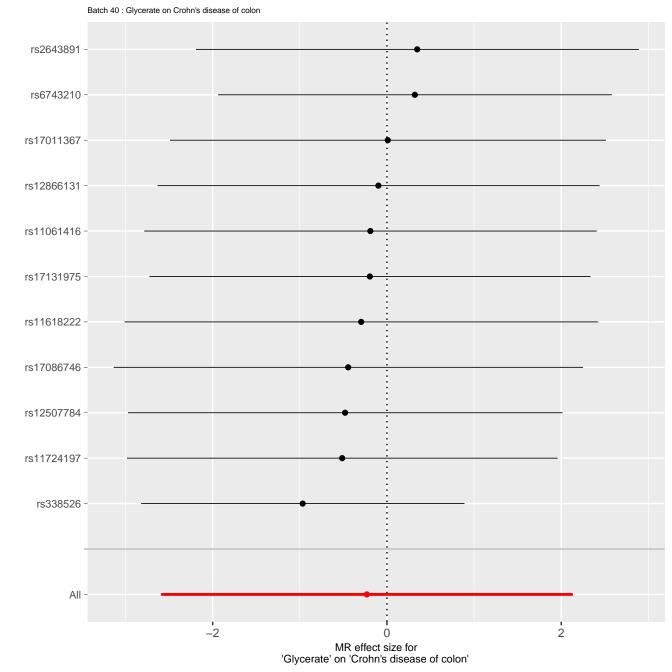


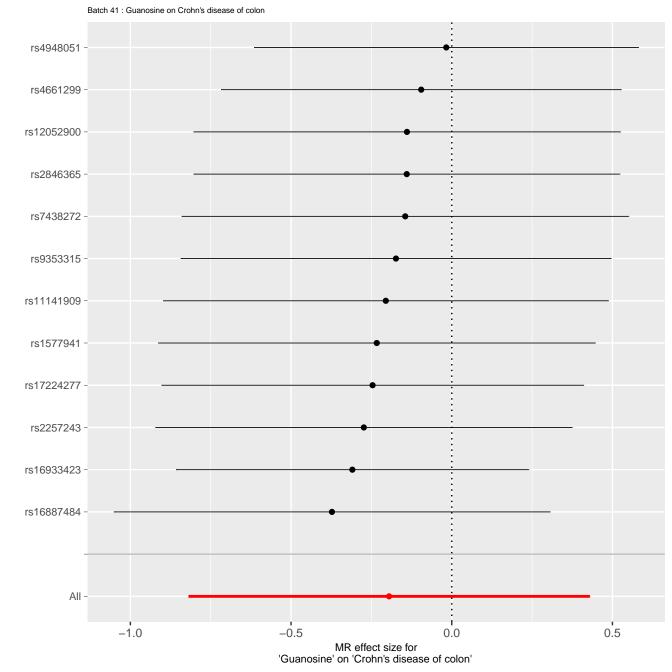


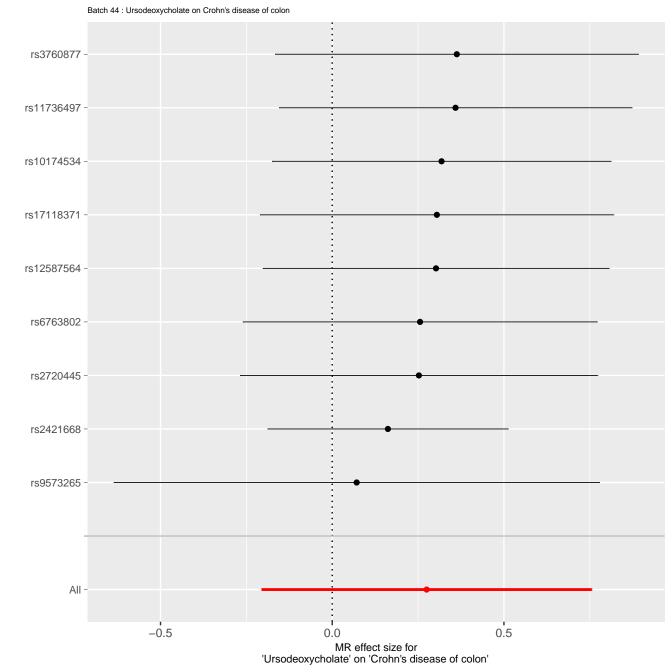






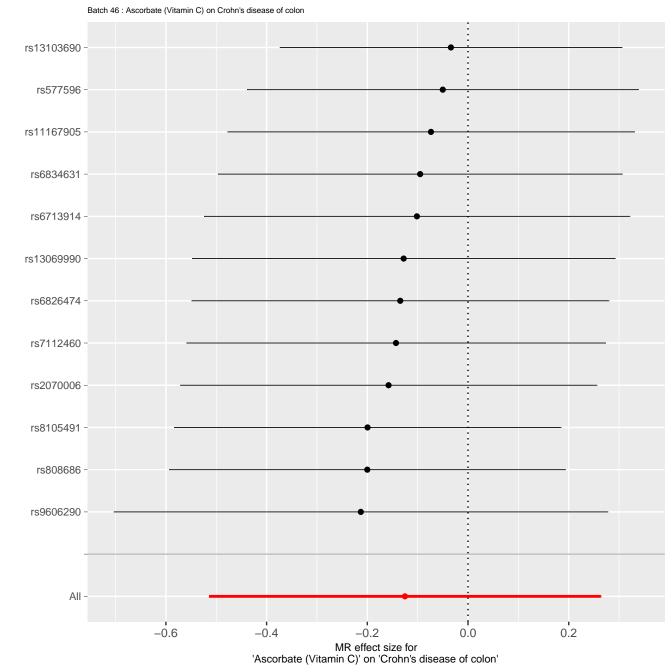


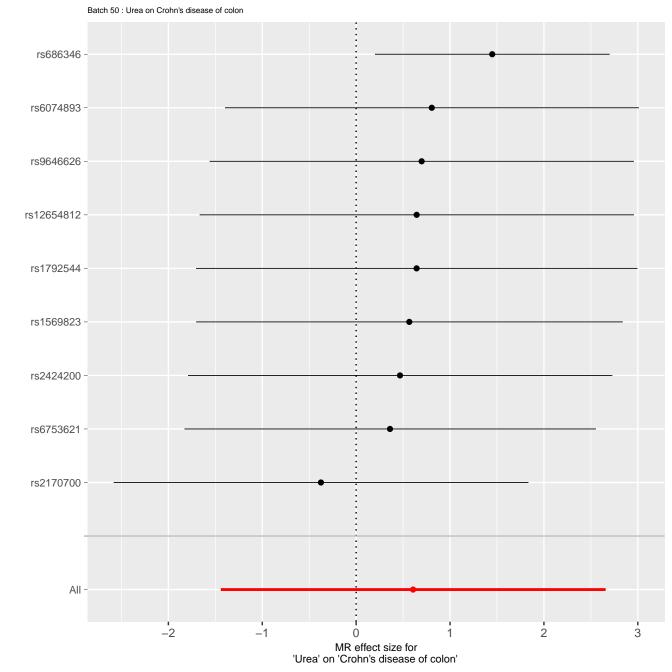


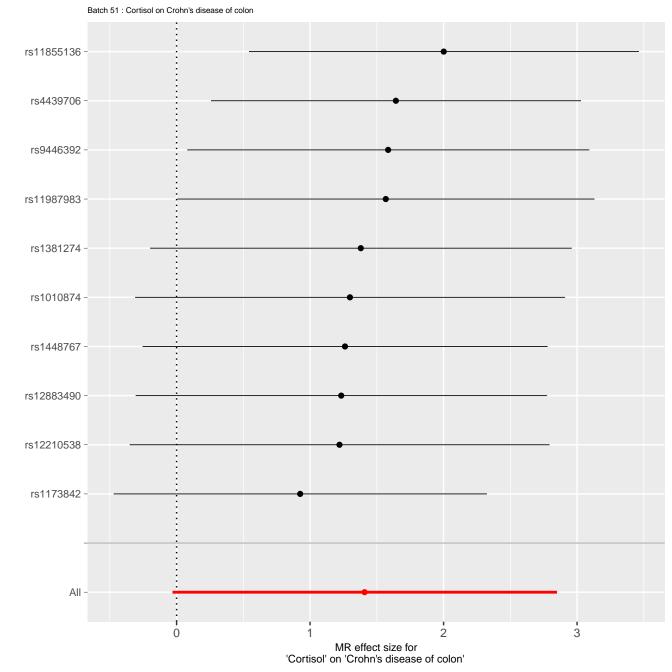


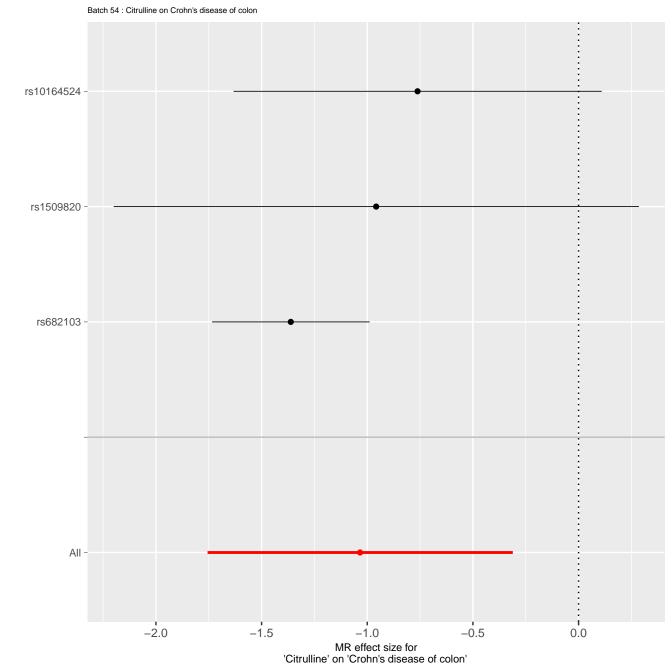
'Arginine' on 'Crohn's disease of colon'

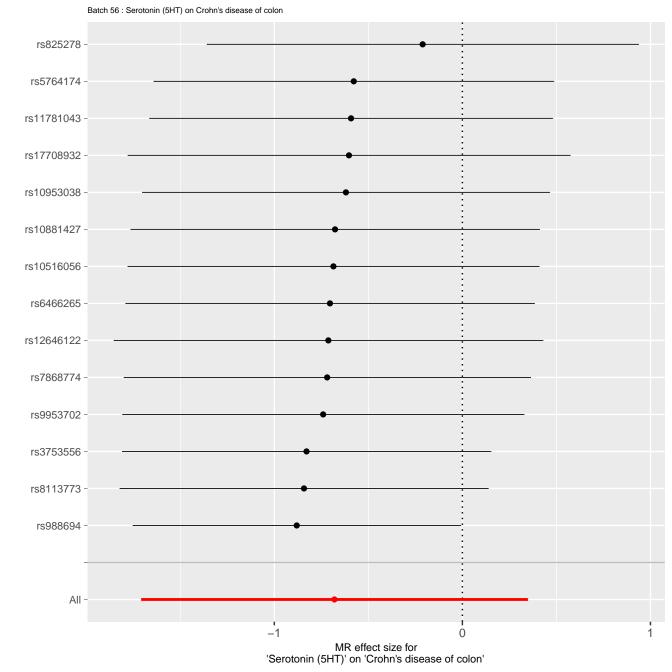
Batch 45: Arginine on Crohn's disease of colon

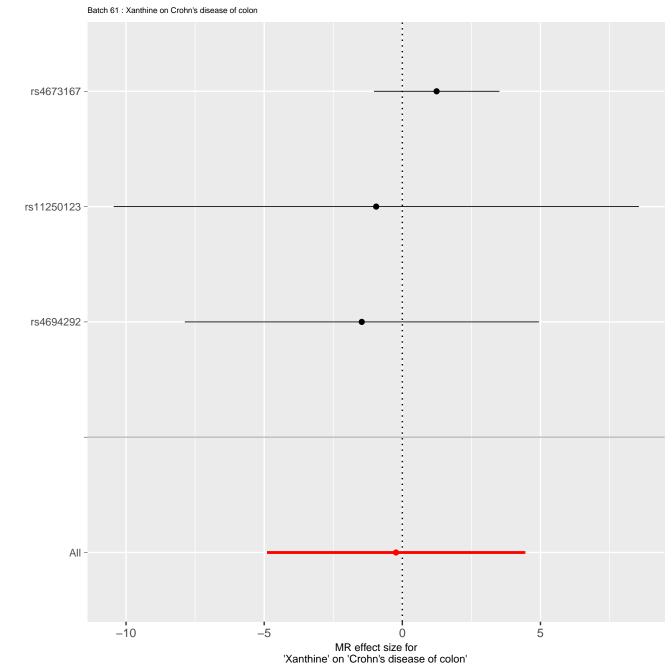


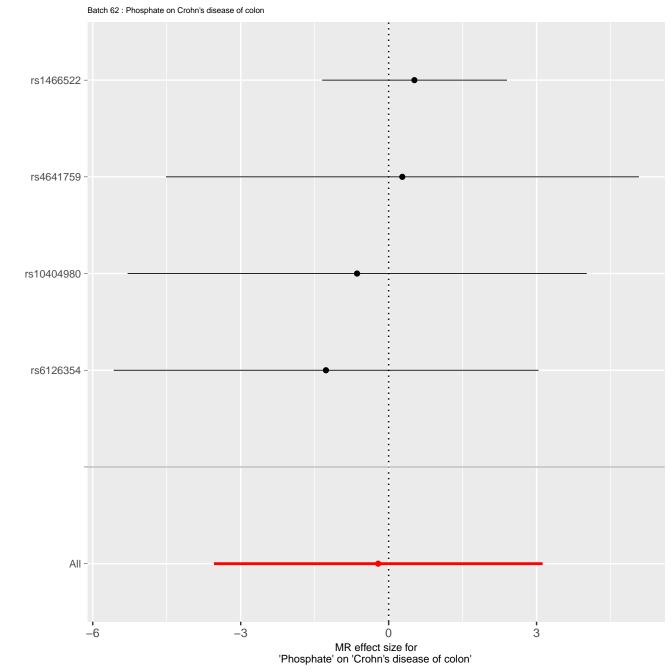


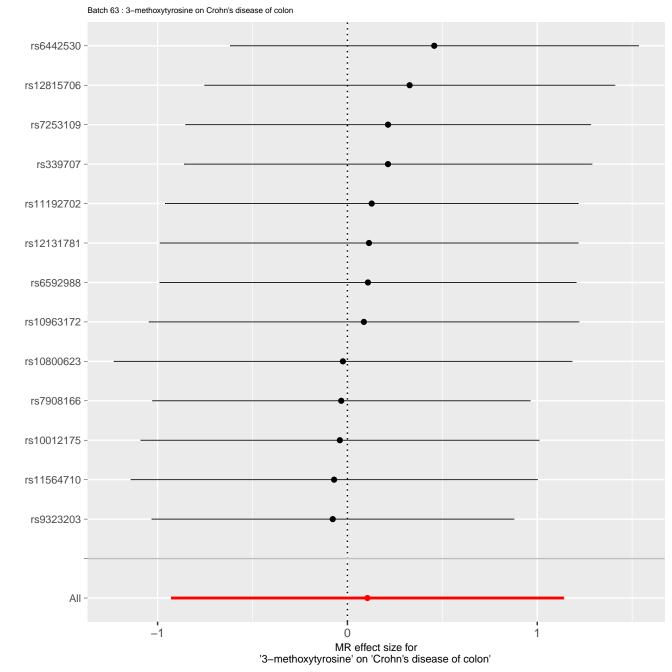


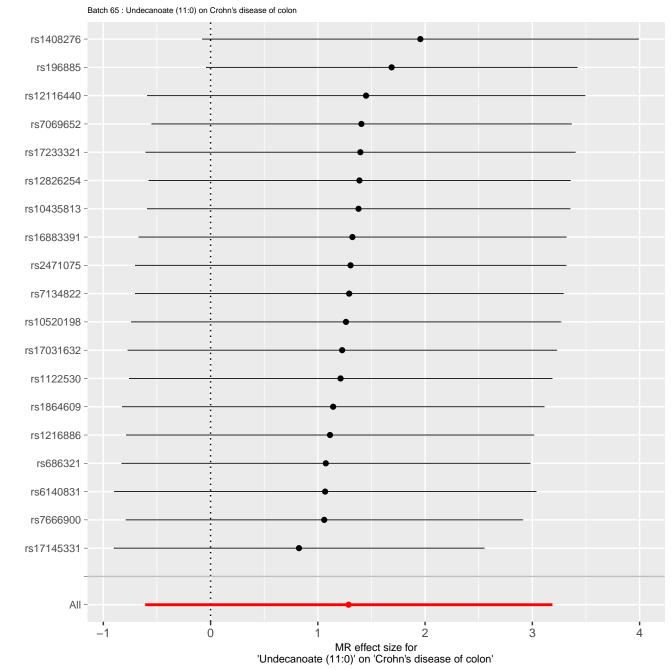


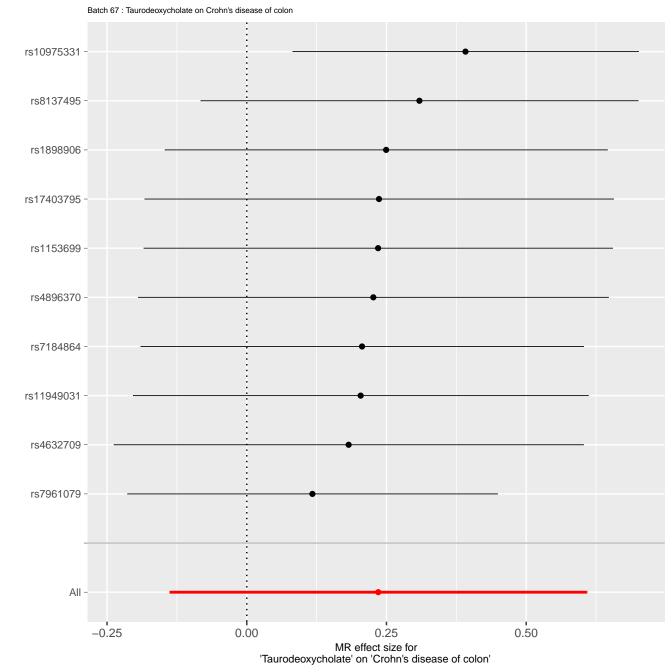


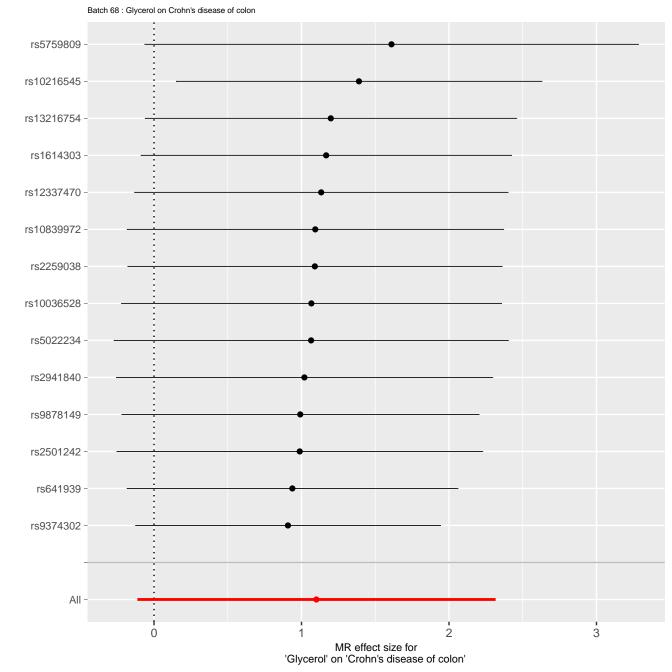


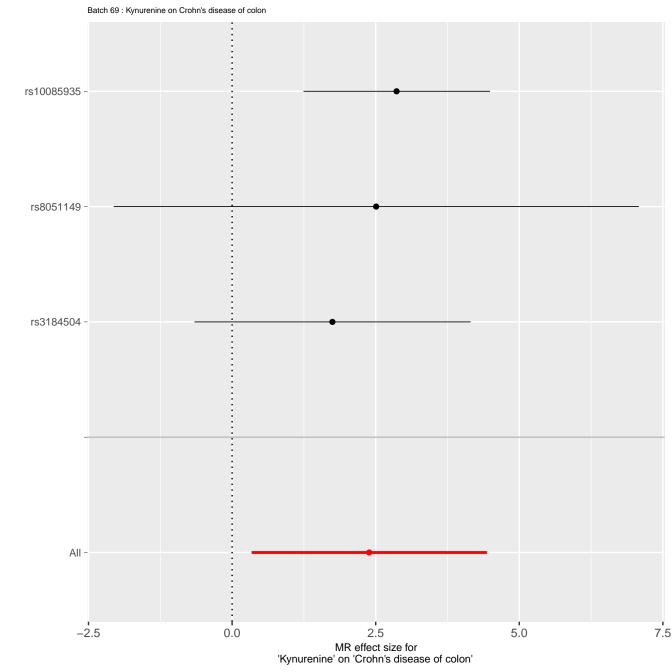


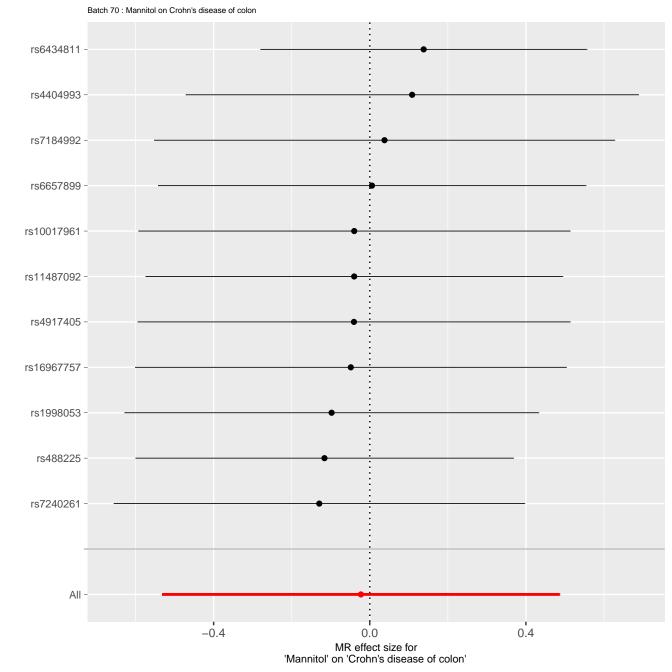


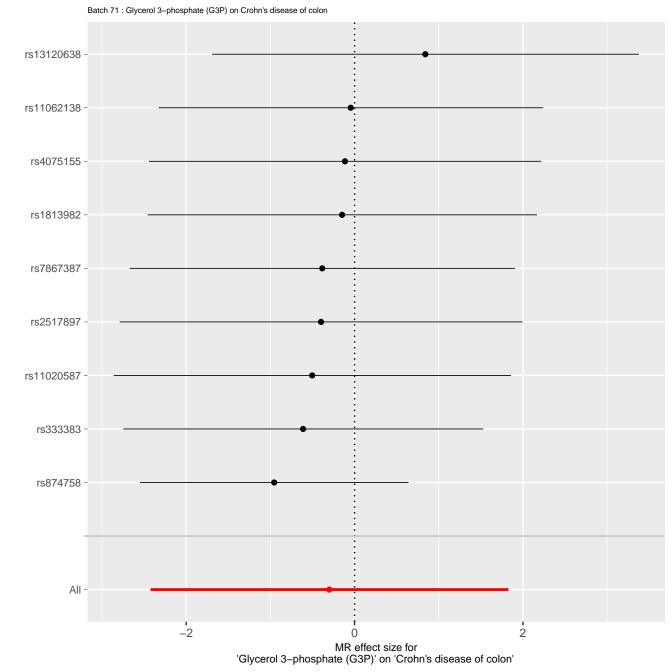


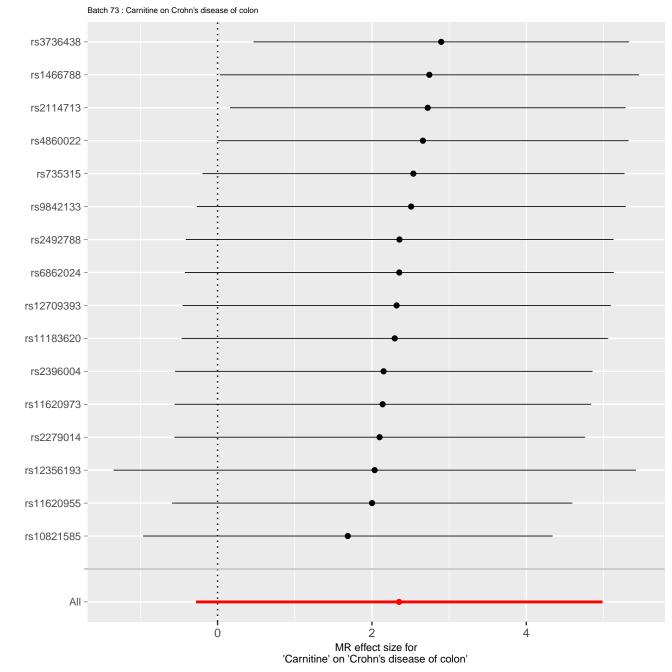


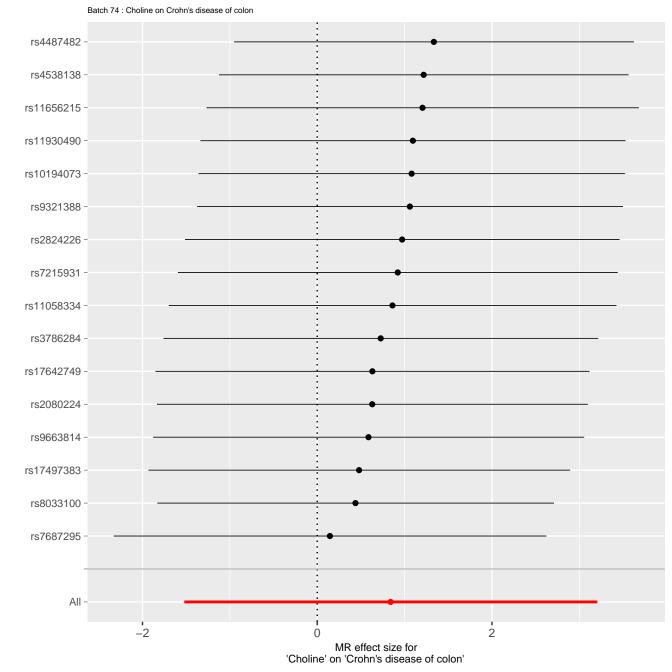


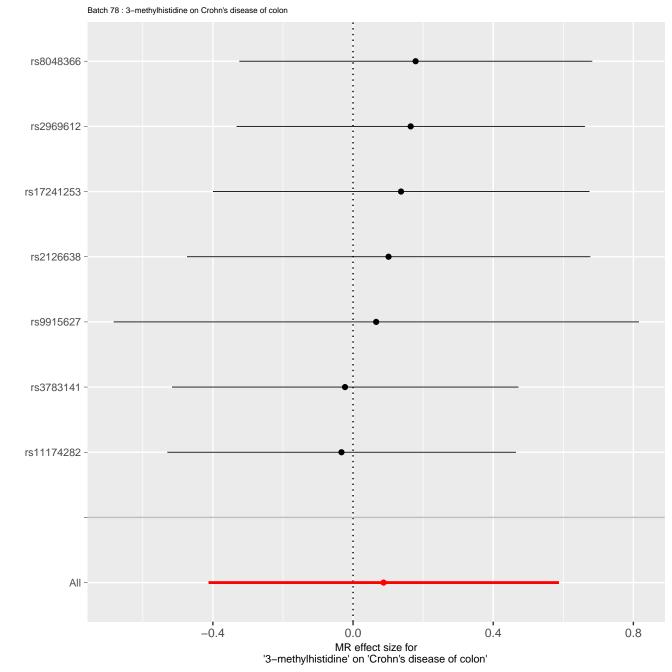


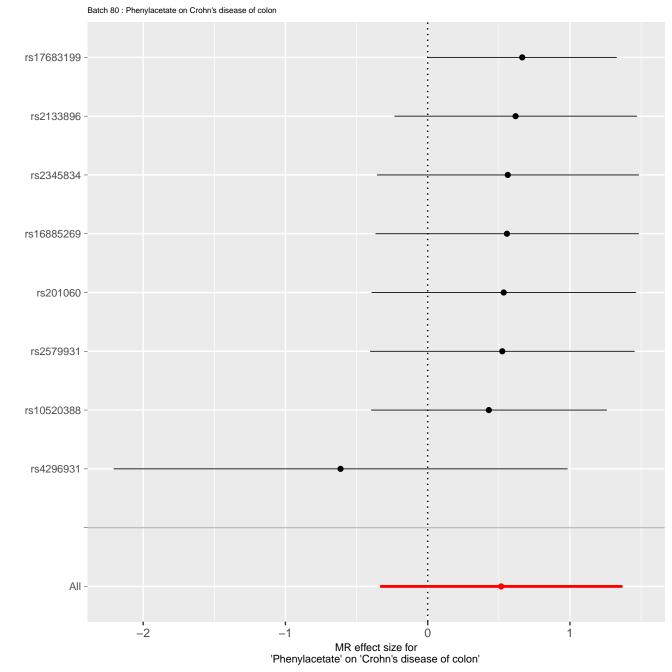


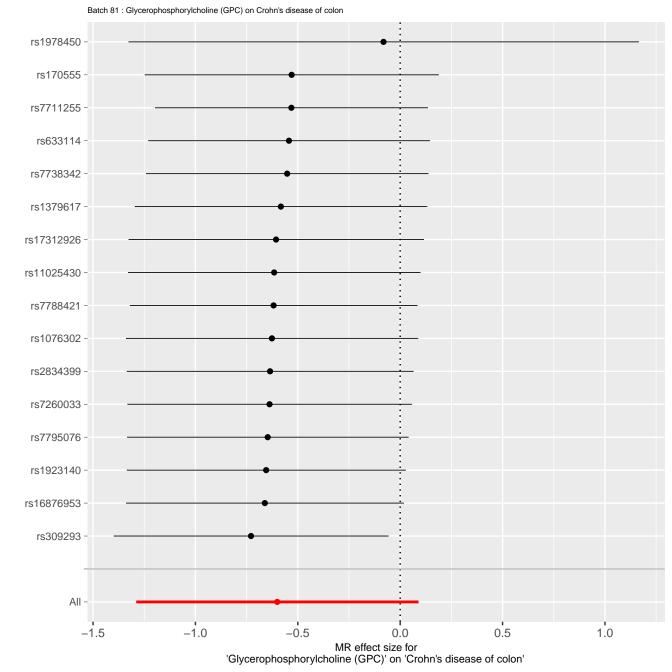


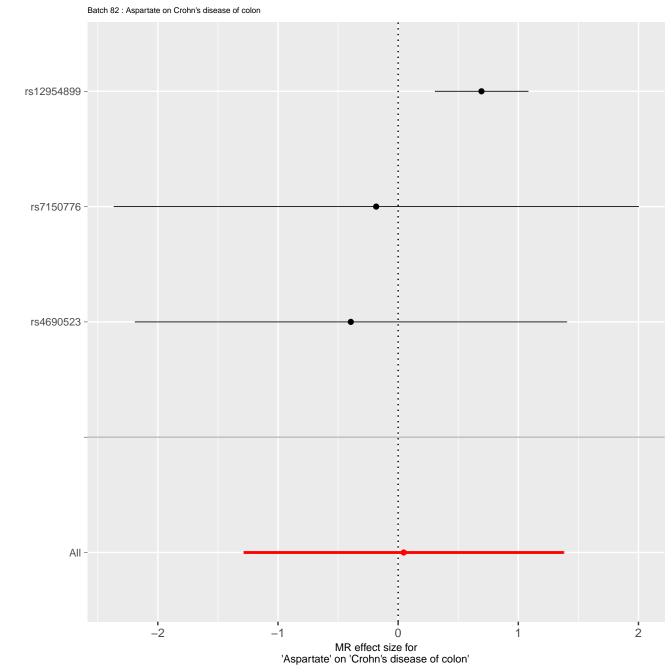


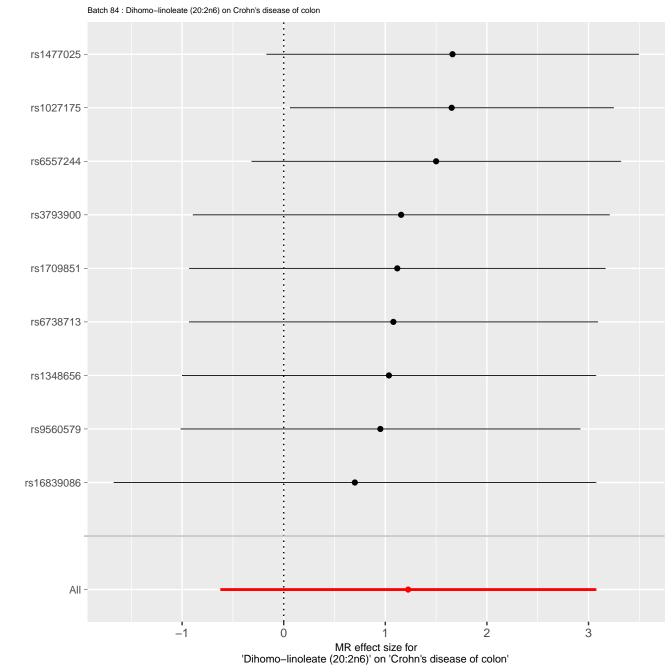


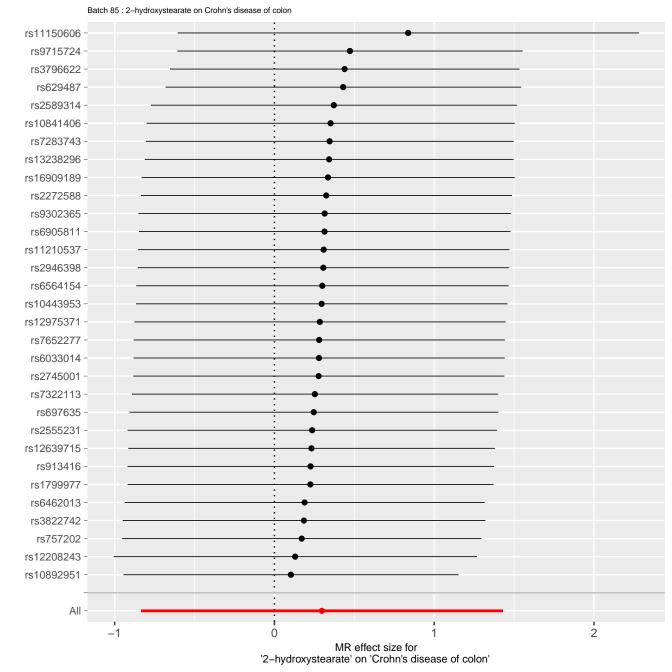


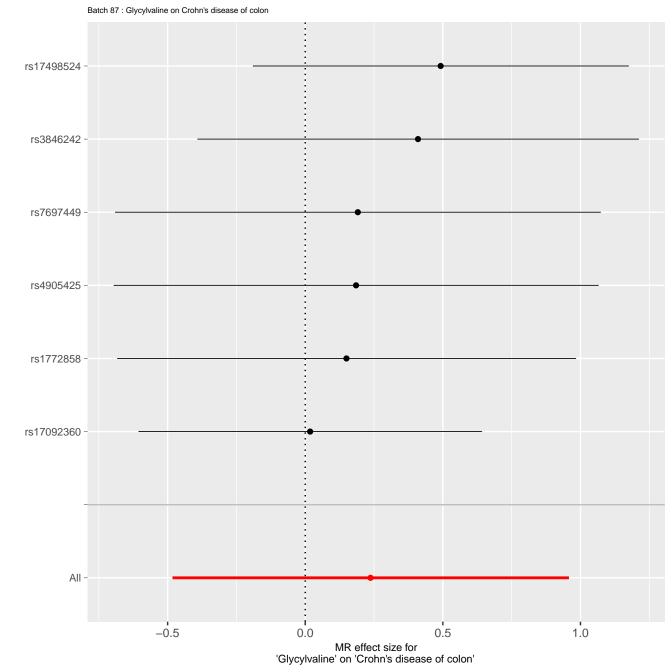


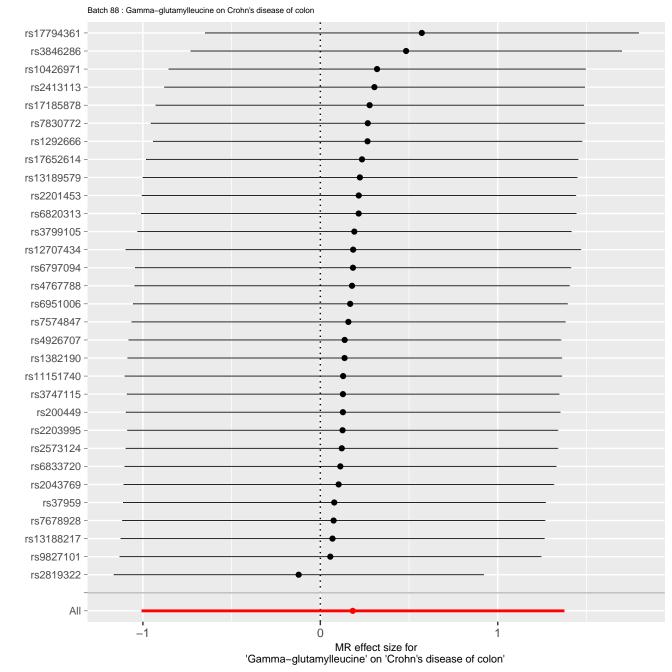


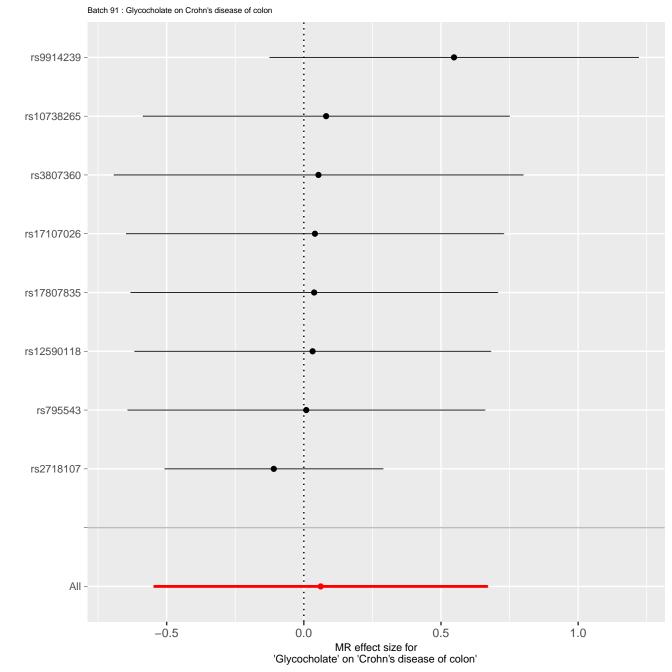


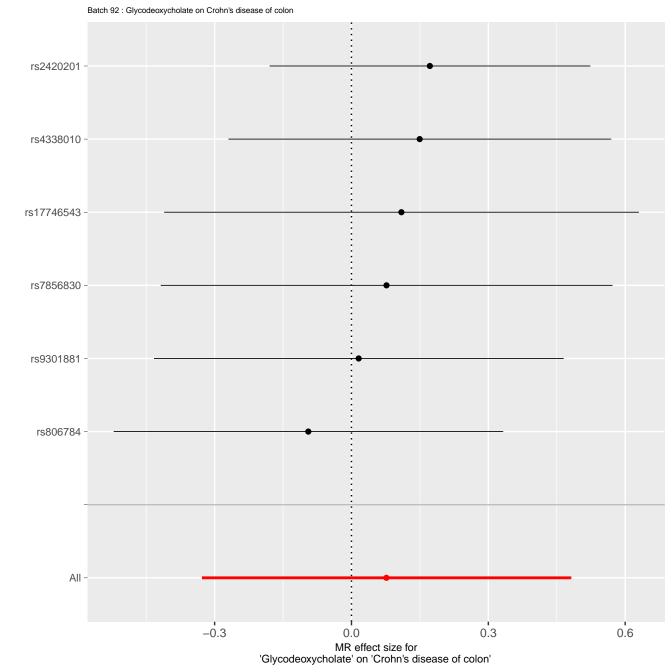


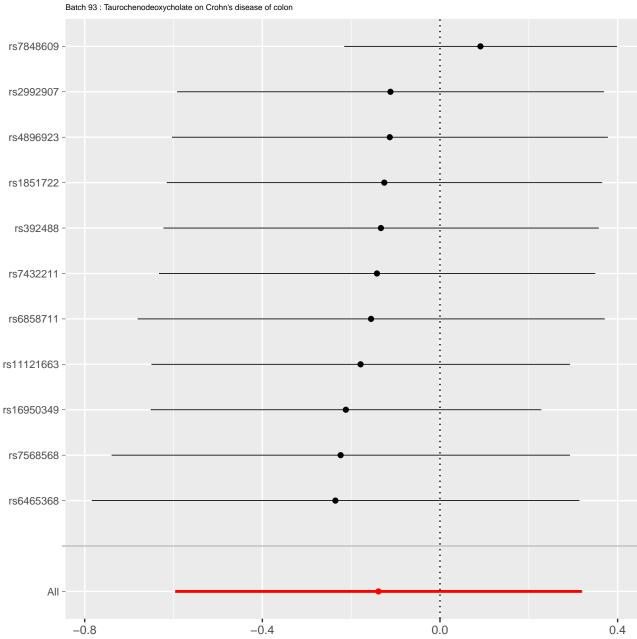




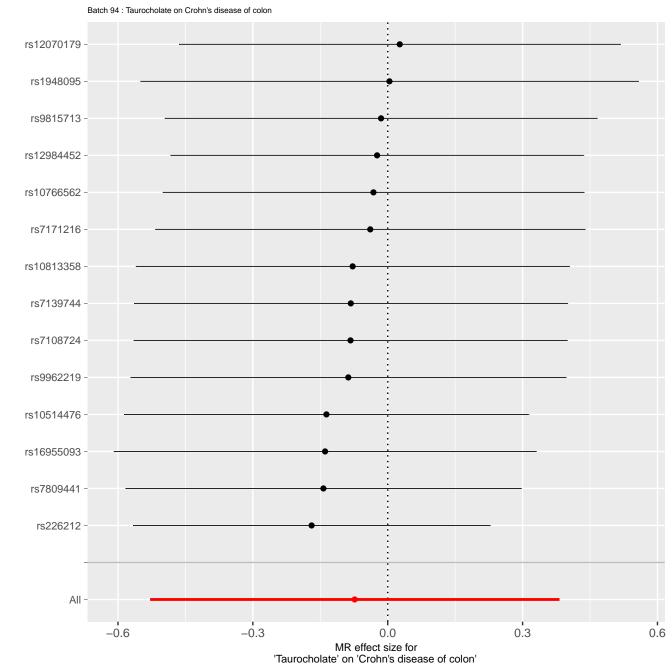


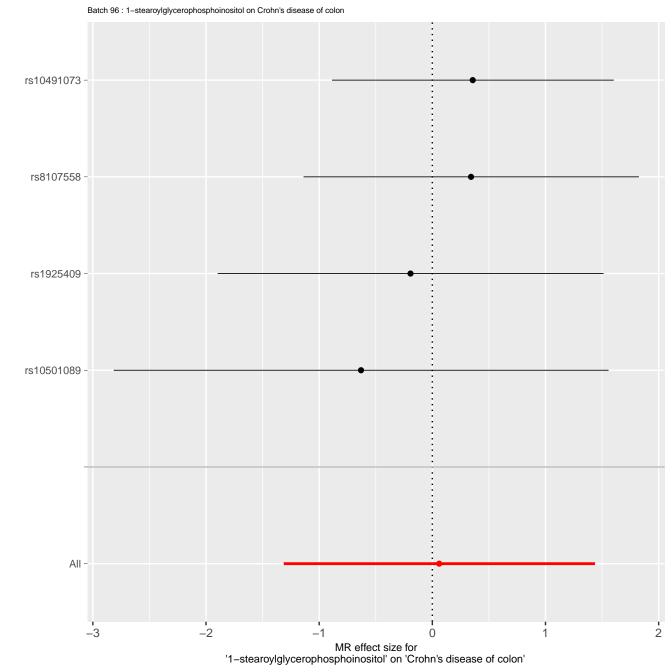


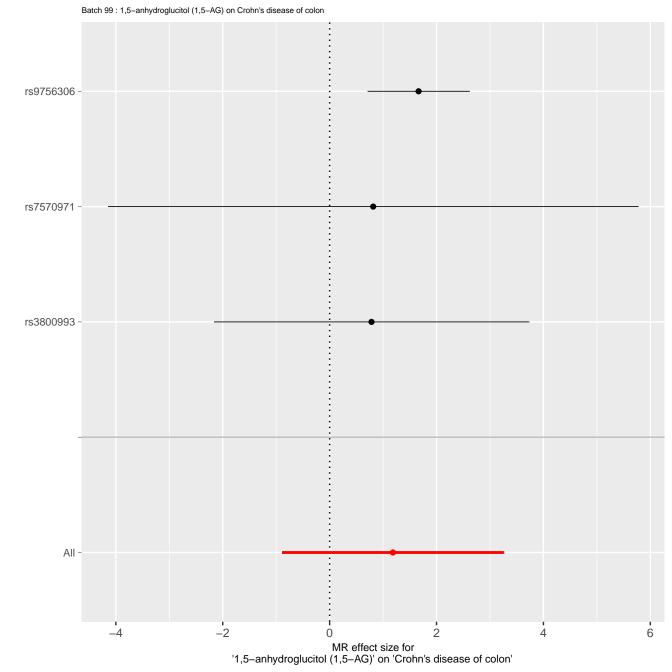


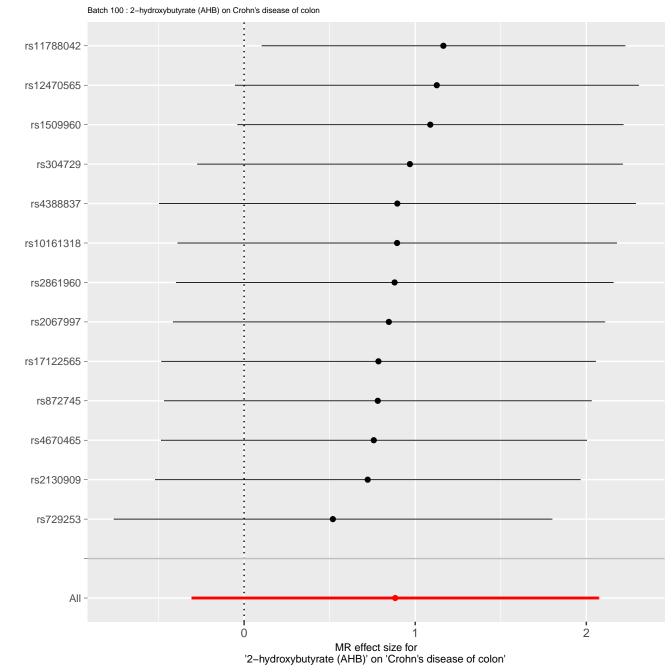


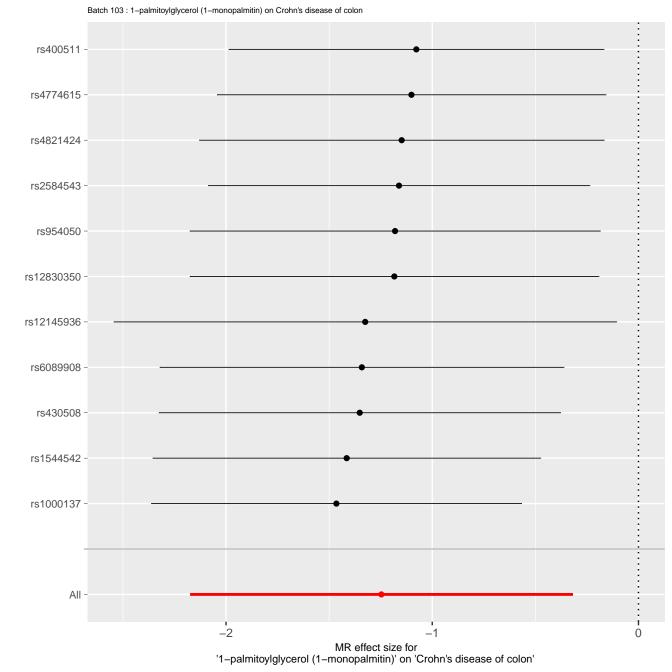
MR effect size for 'Taurochenodeoxycholate' on 'Crohn's disease of colon'

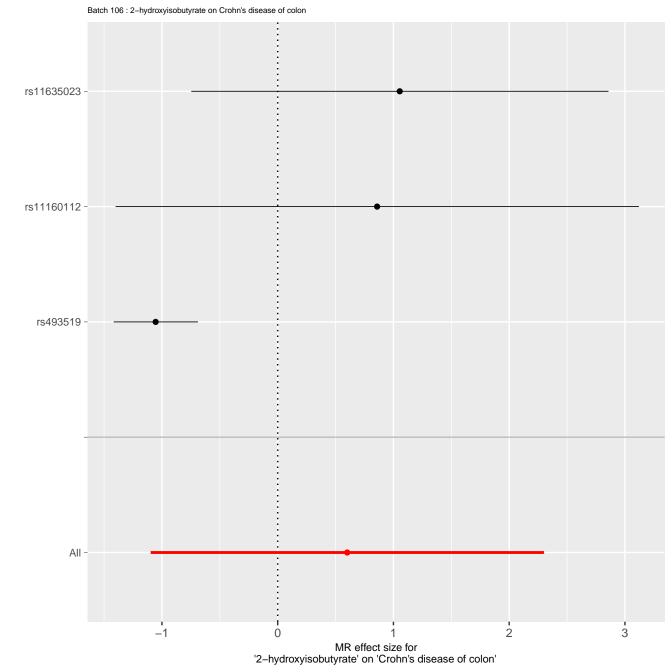


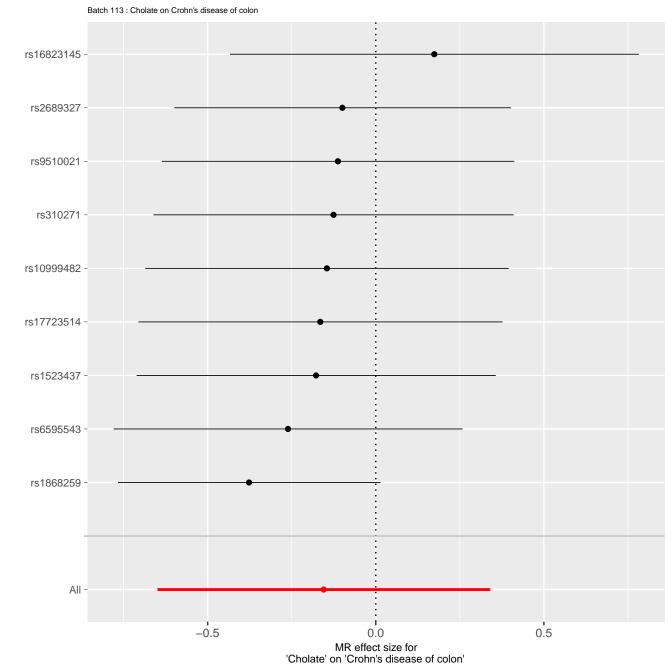


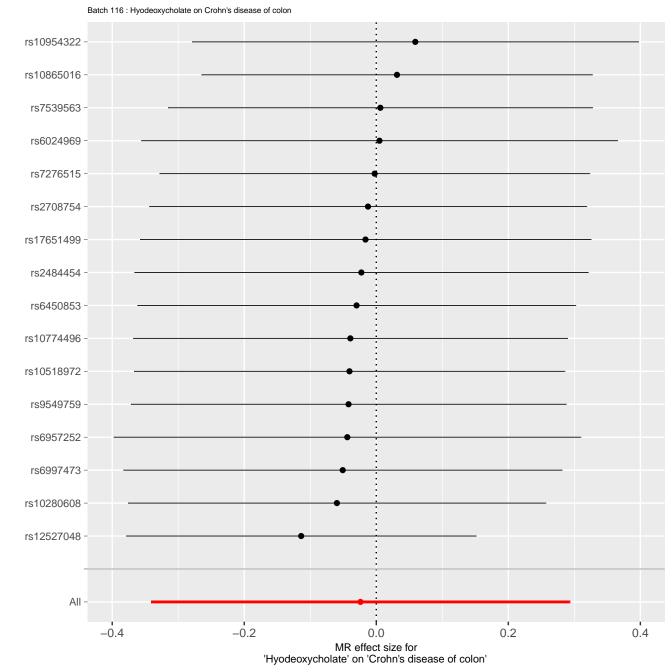


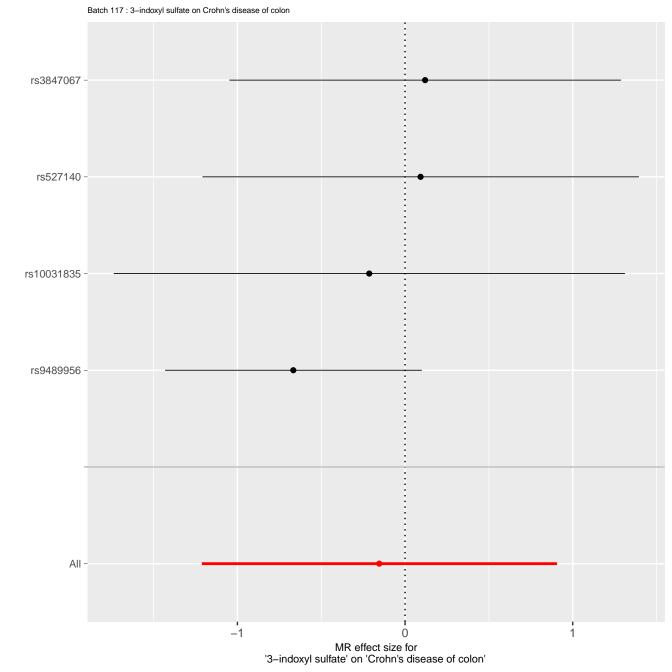


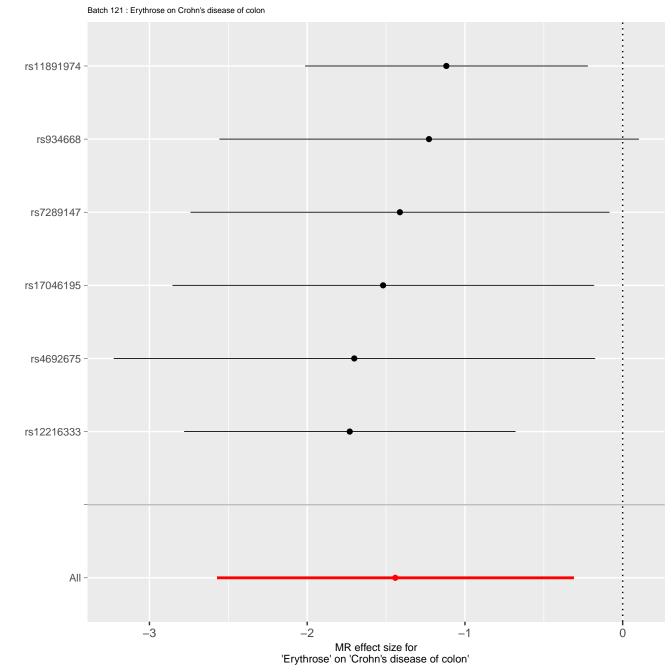


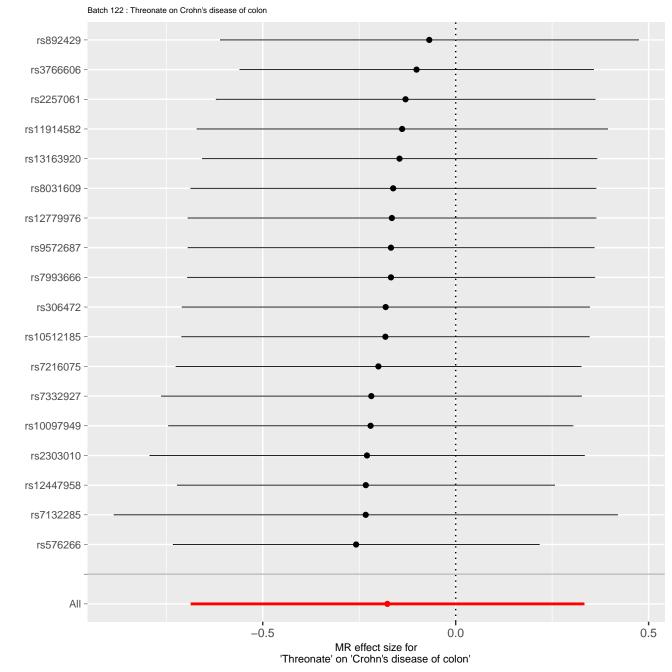


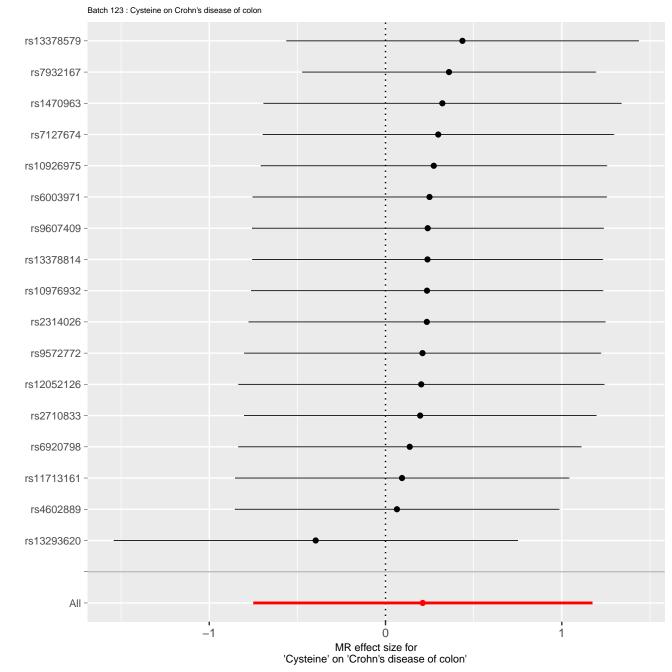


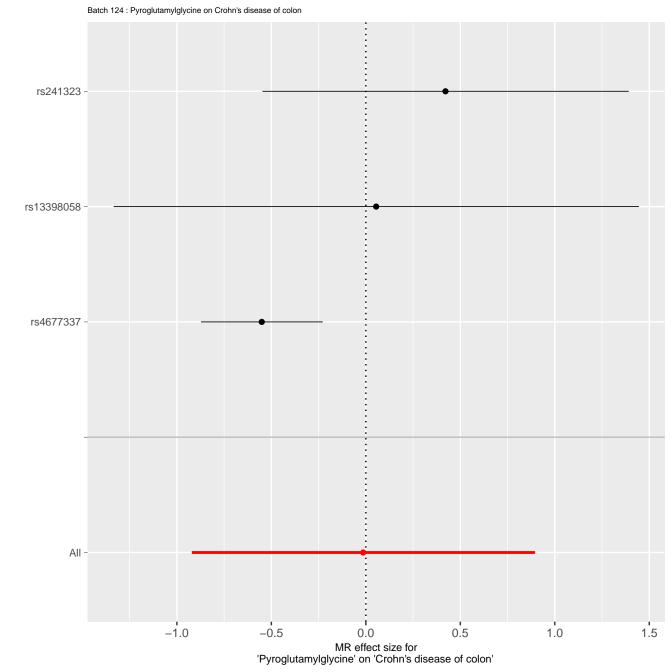


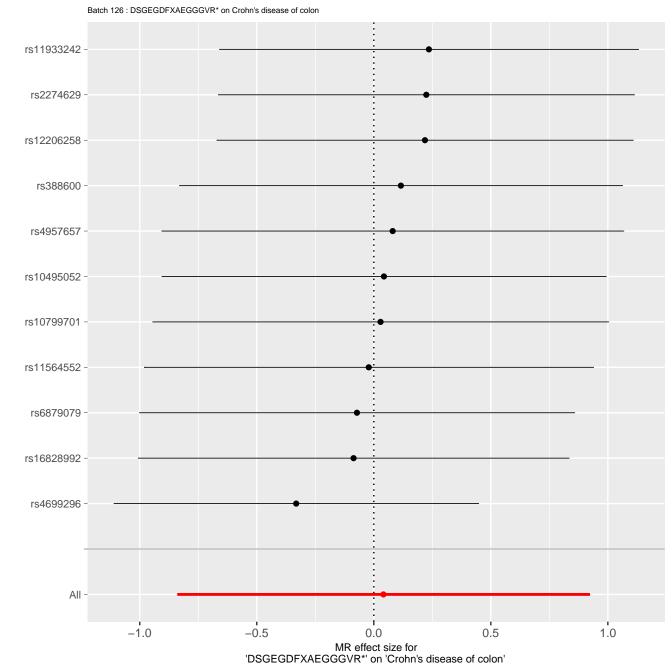


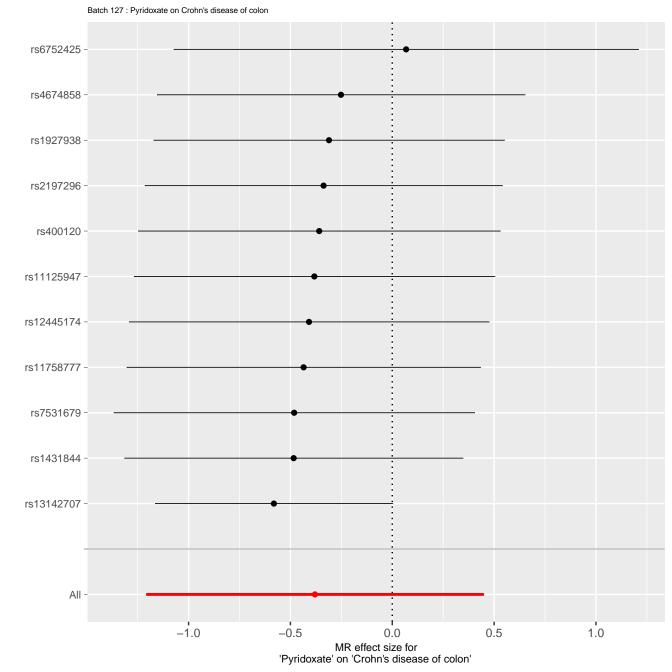


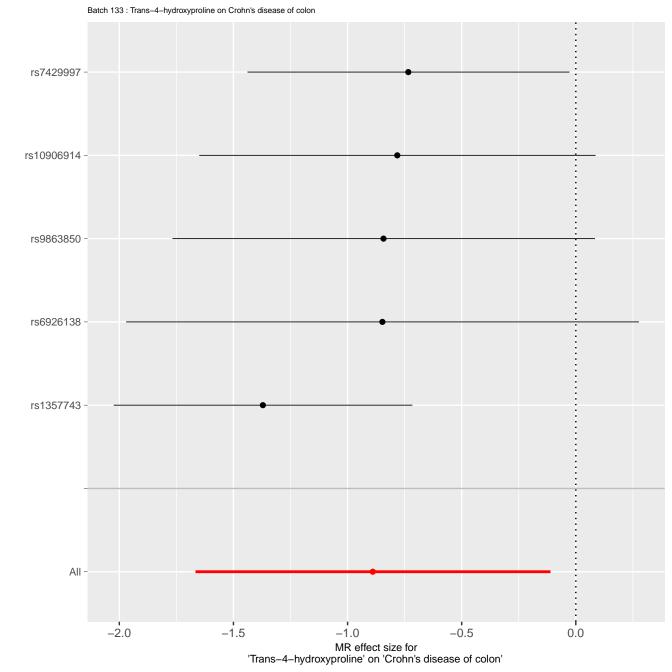


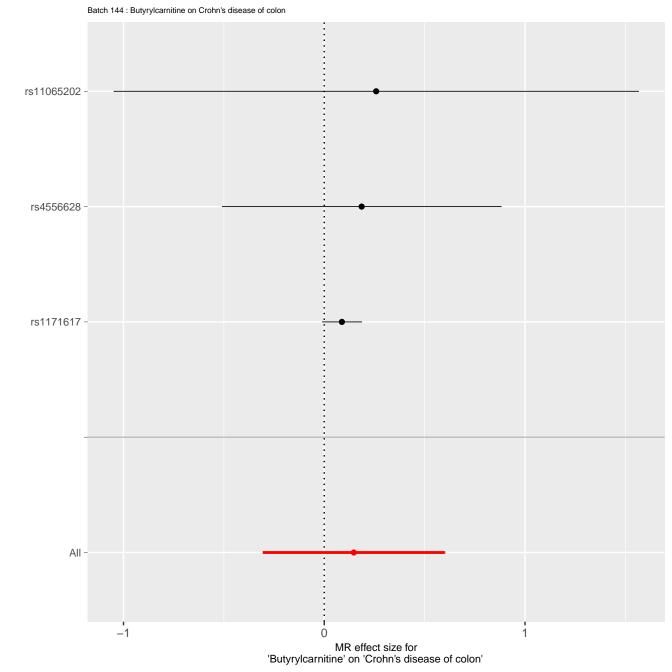


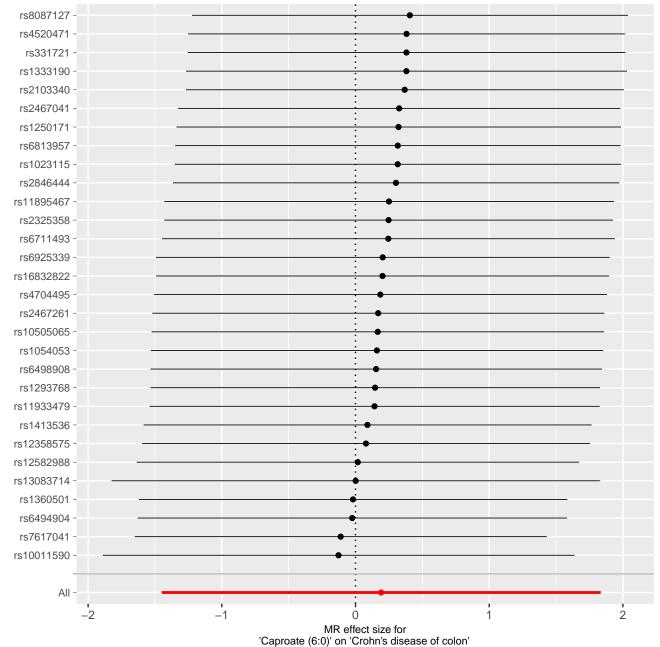


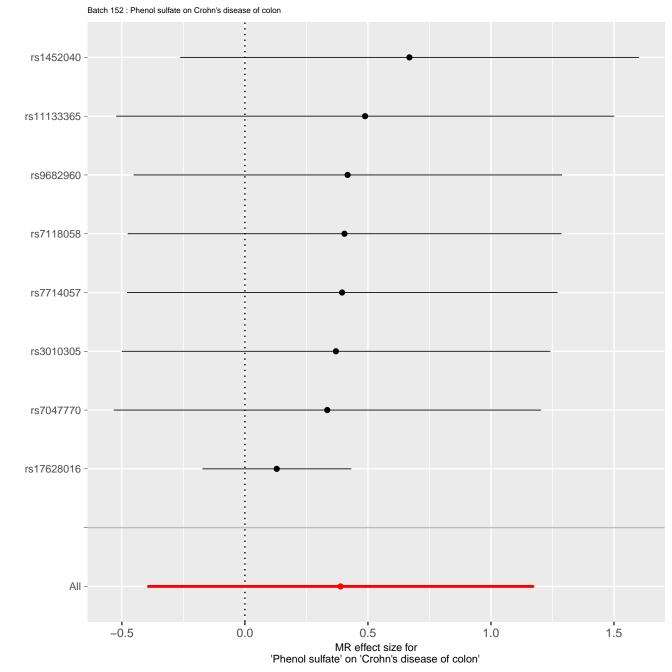


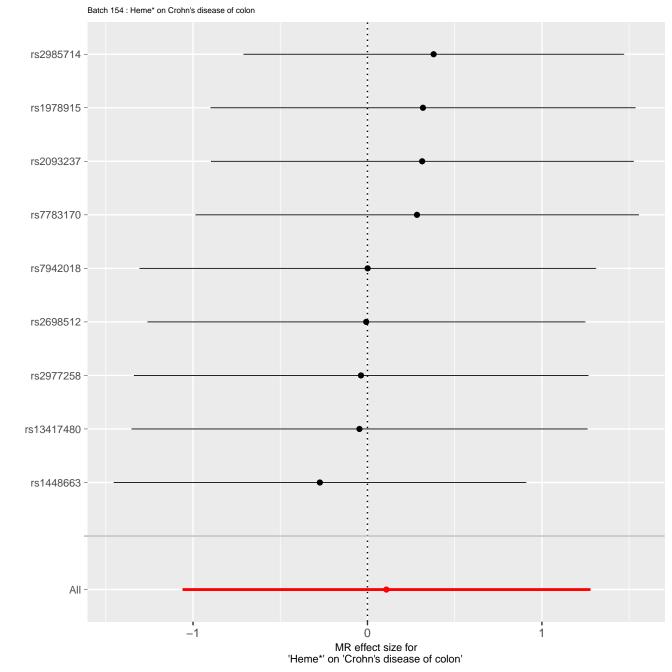


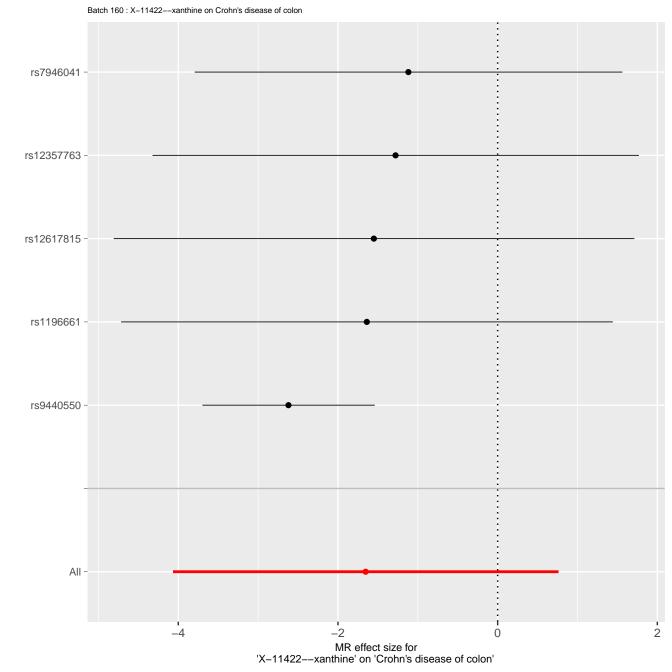


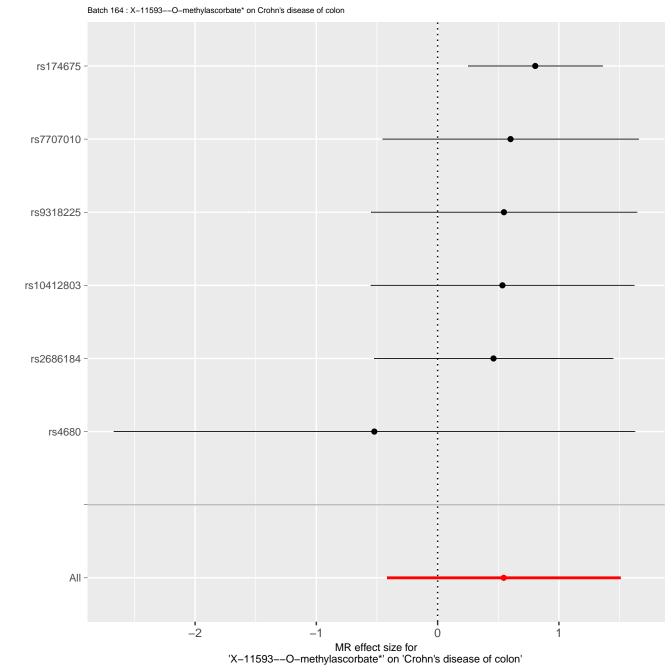


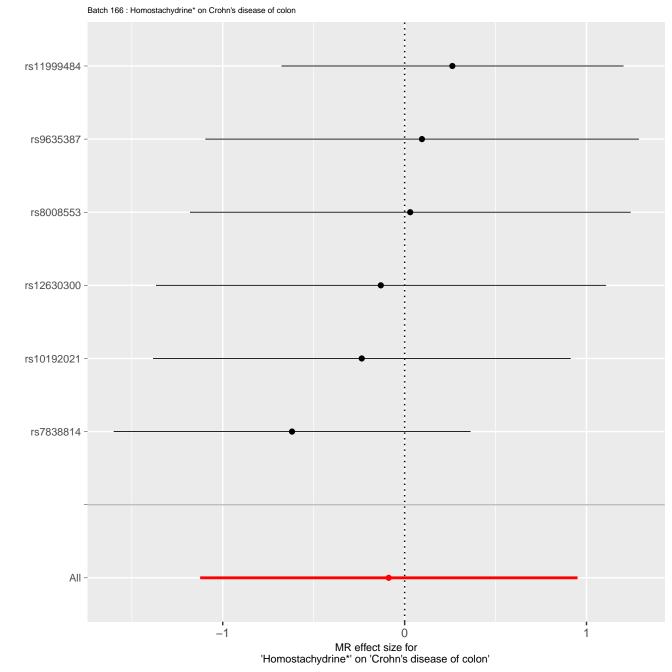


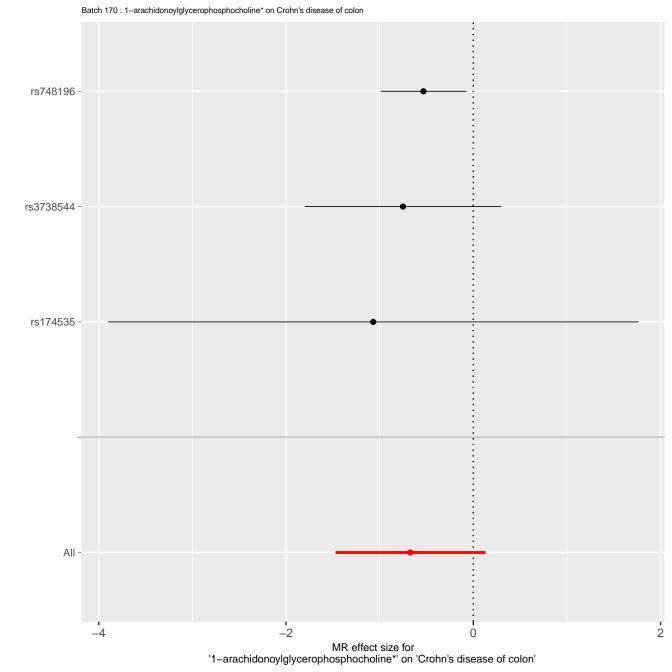


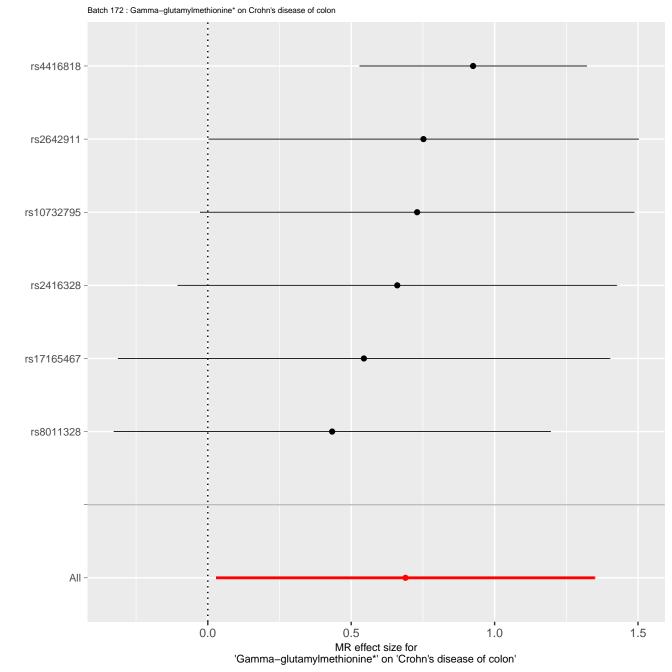


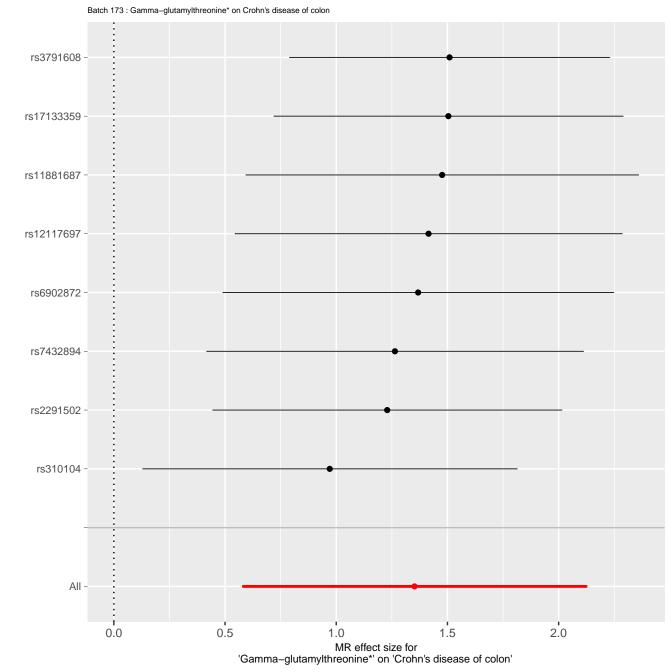


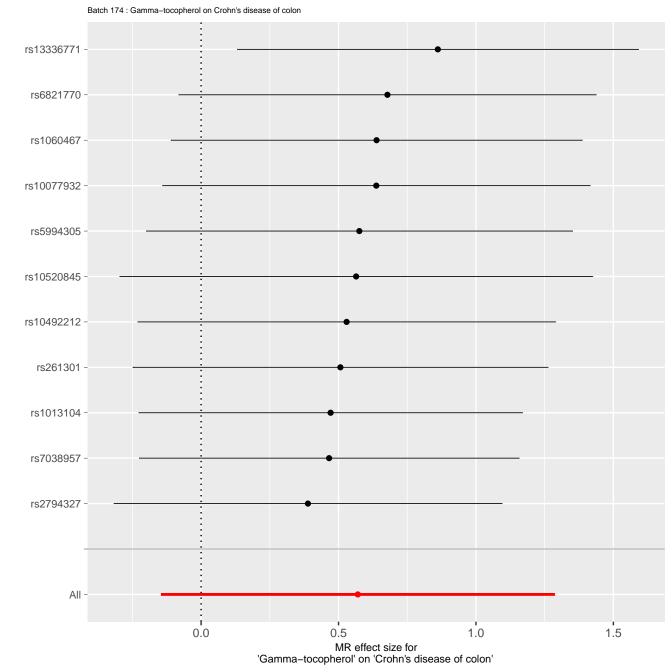


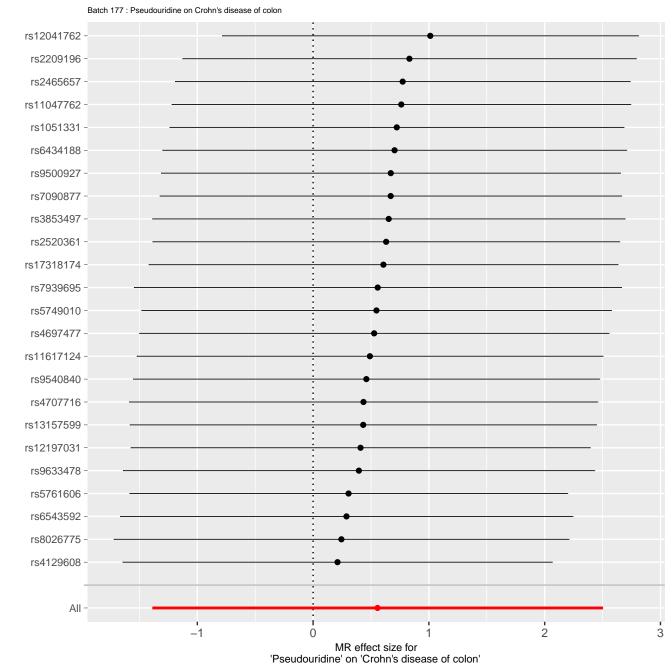


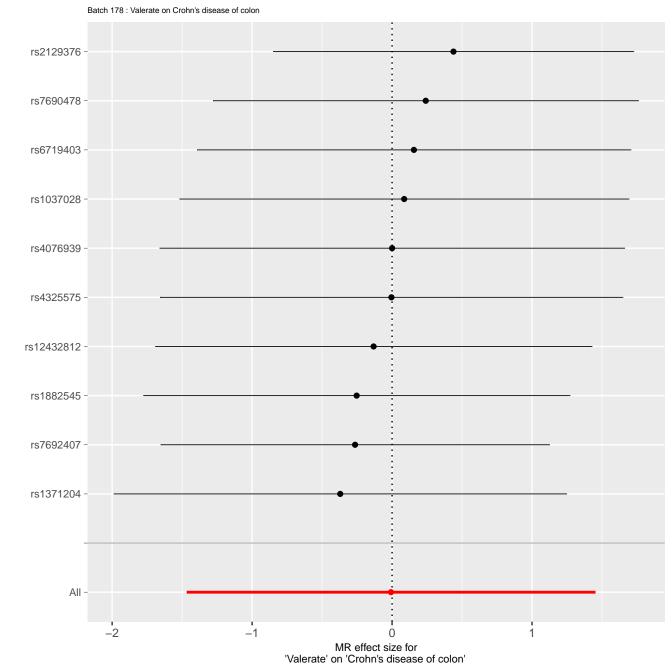


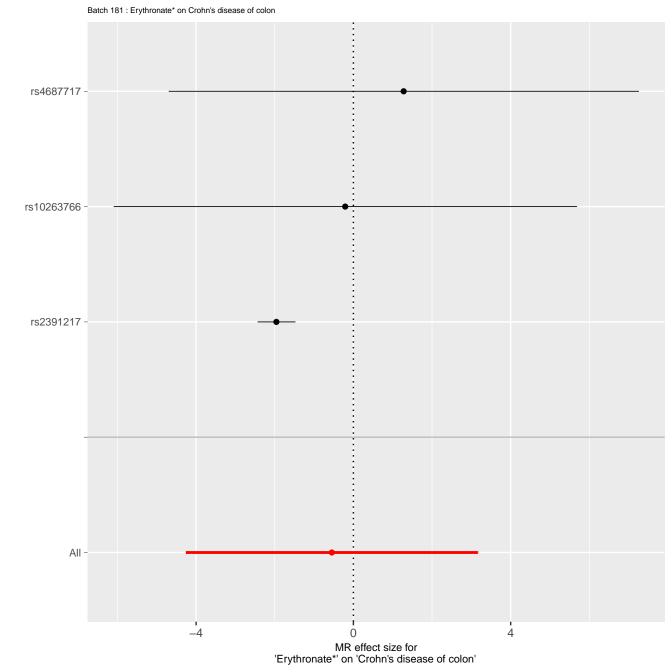


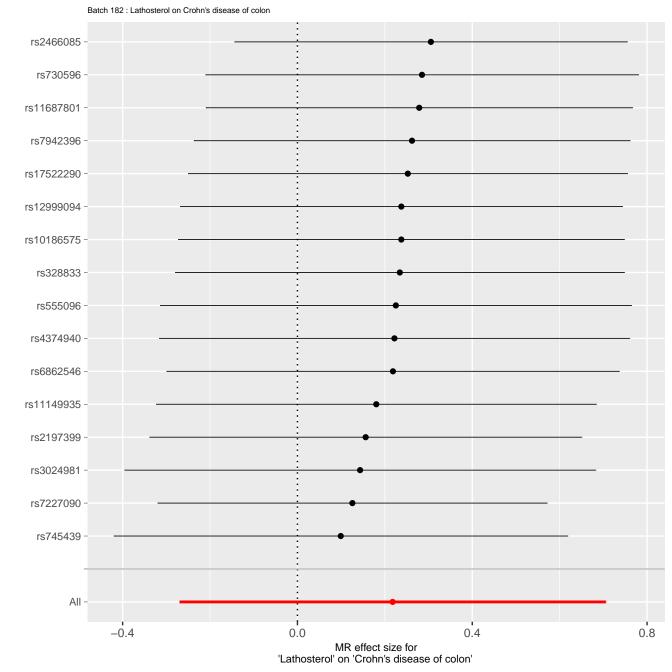


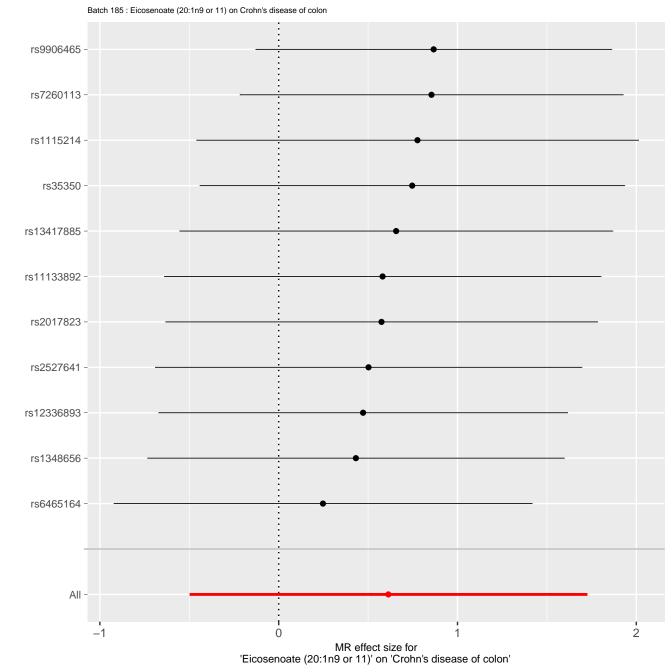


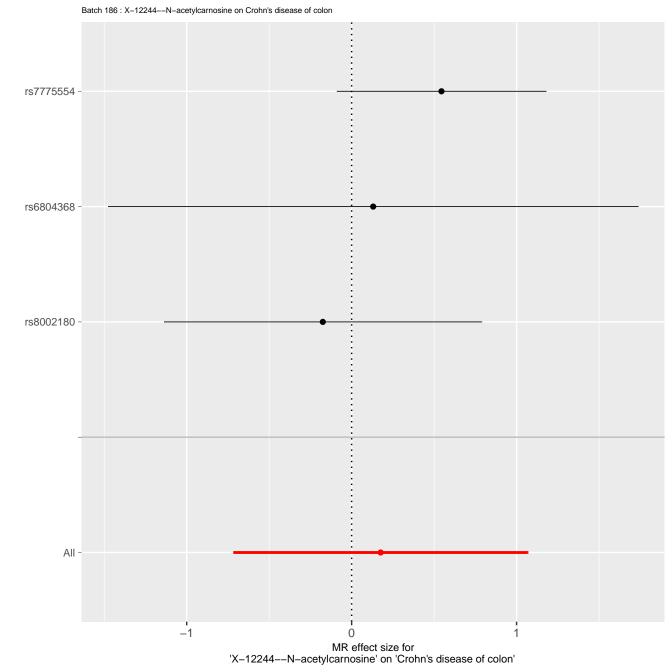


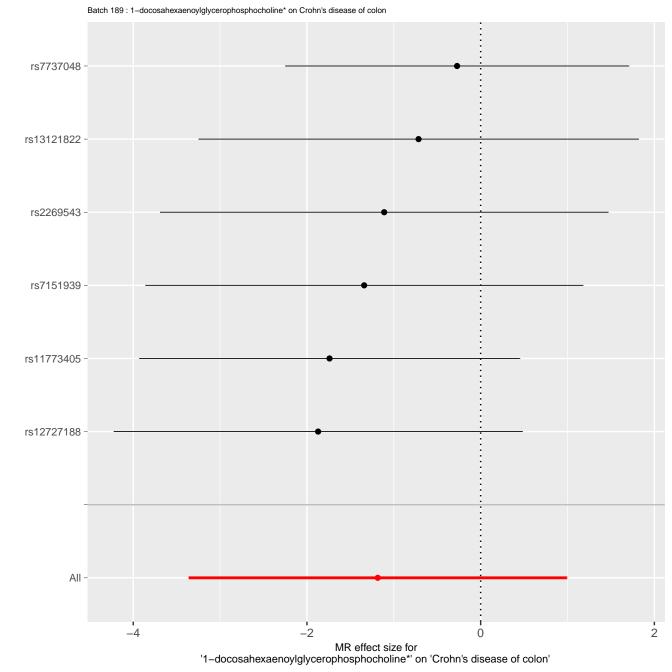


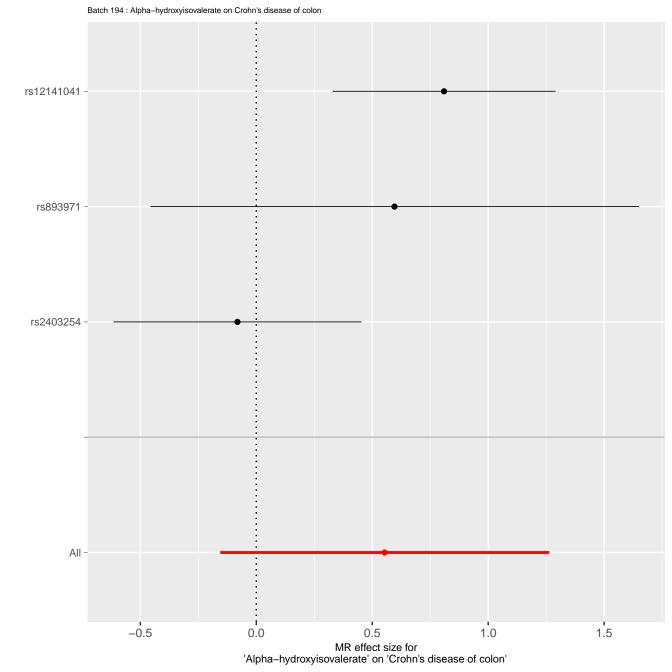


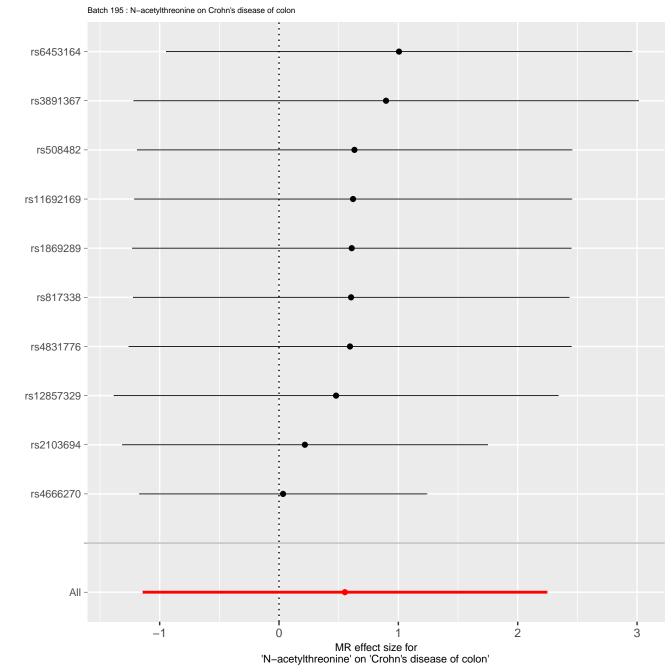


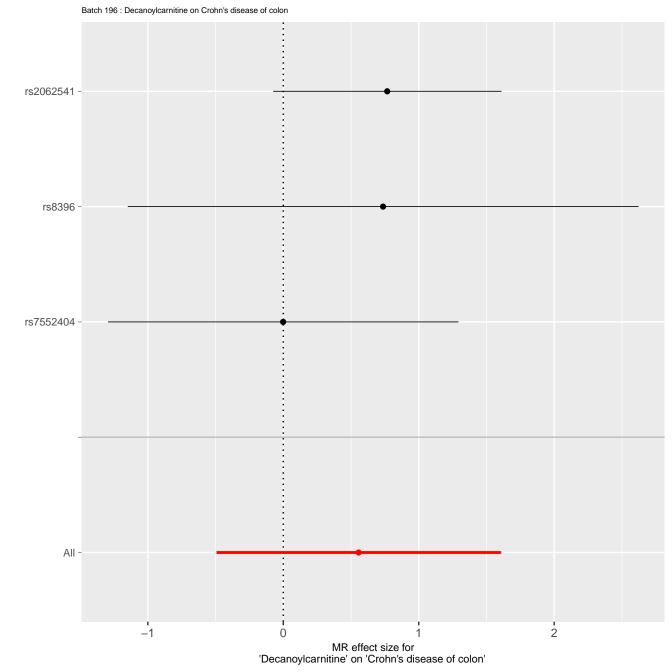


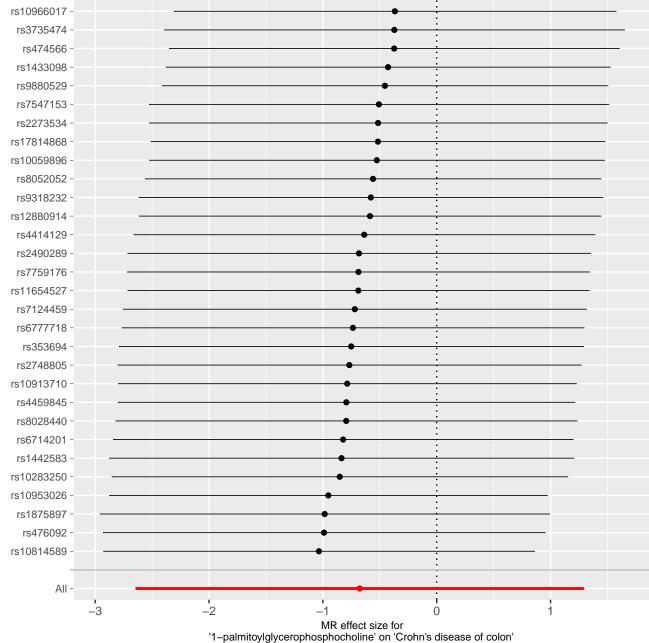


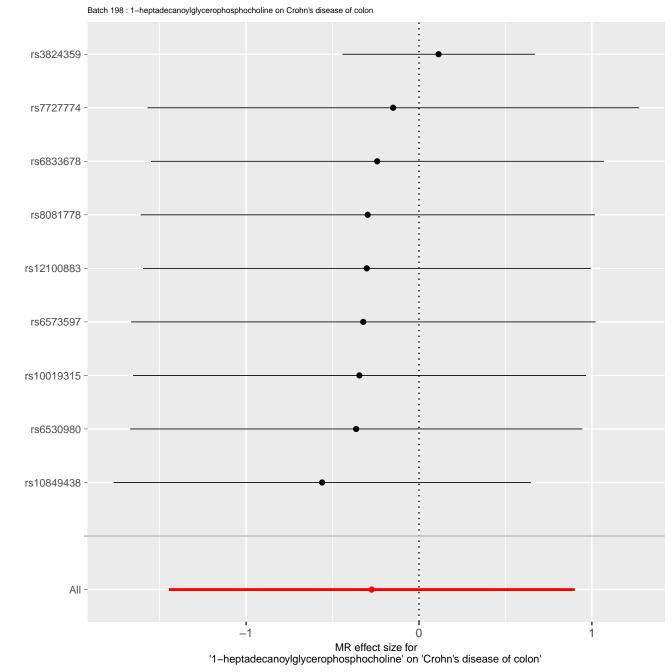


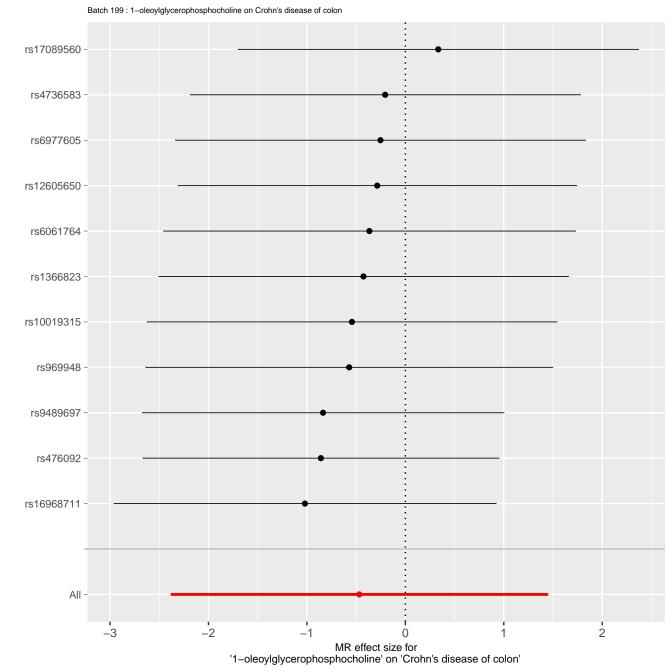


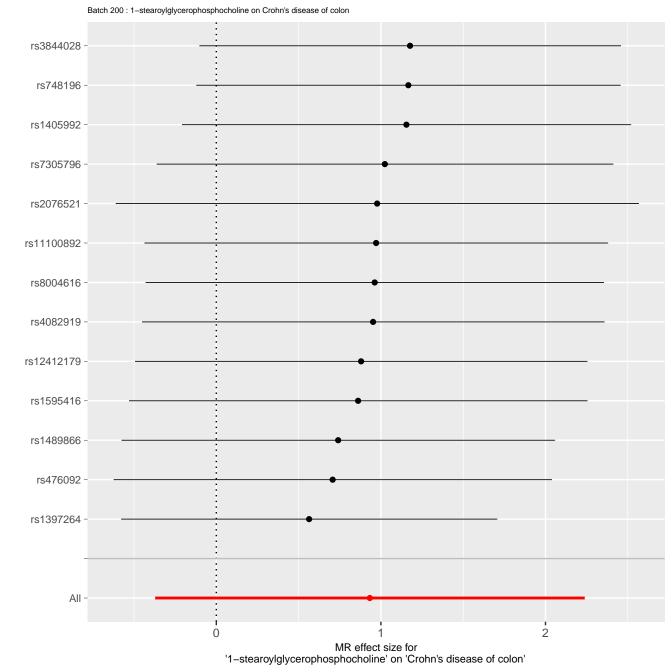


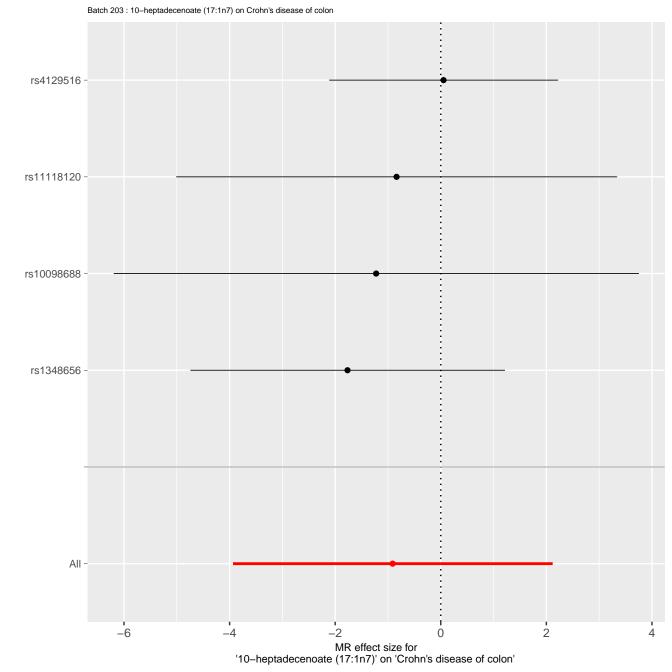


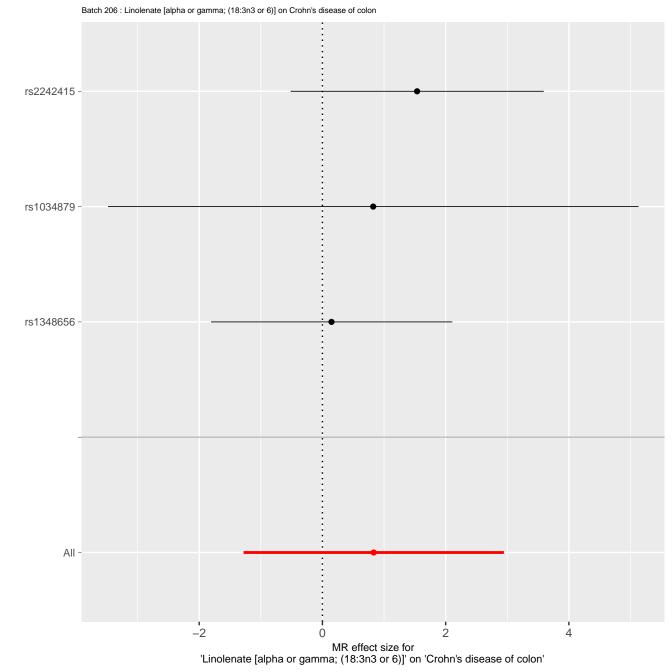


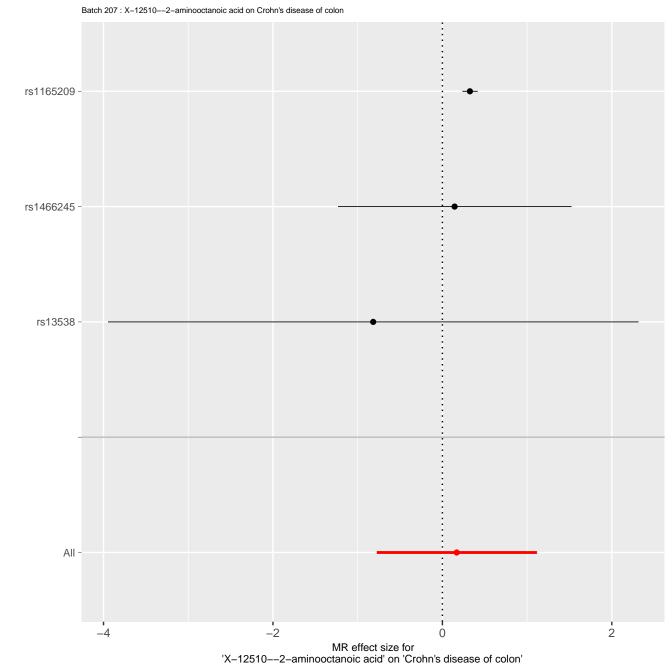


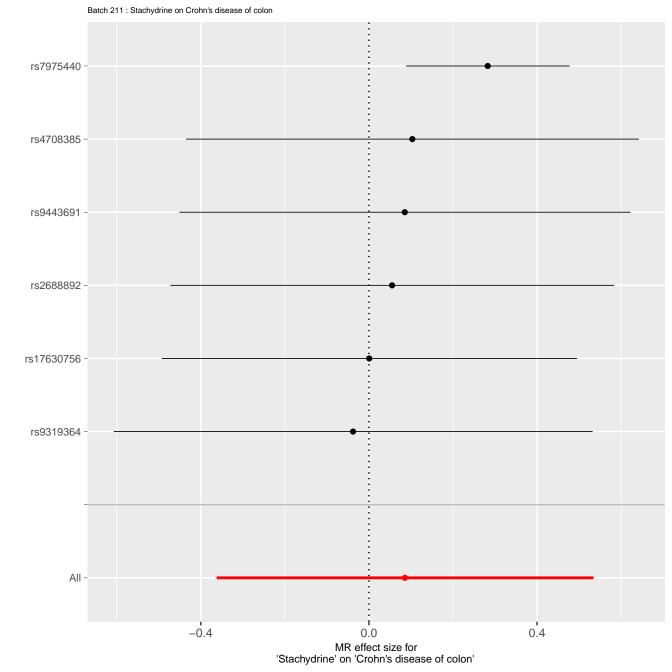


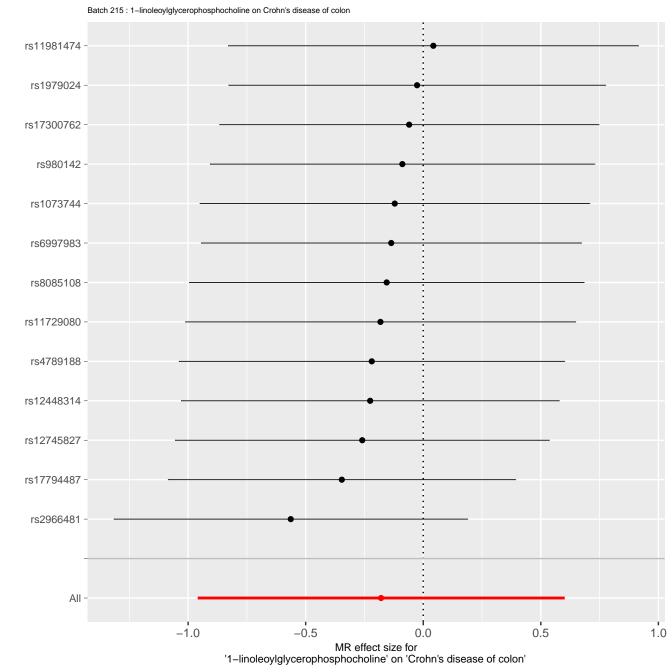


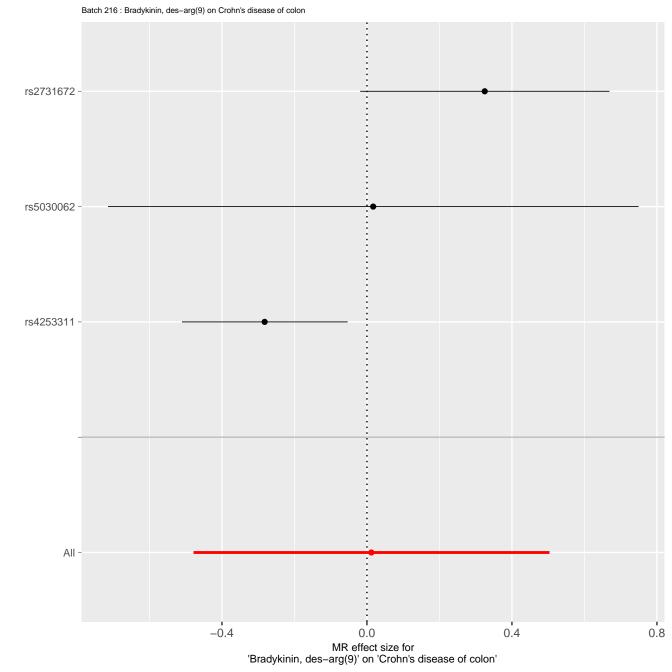


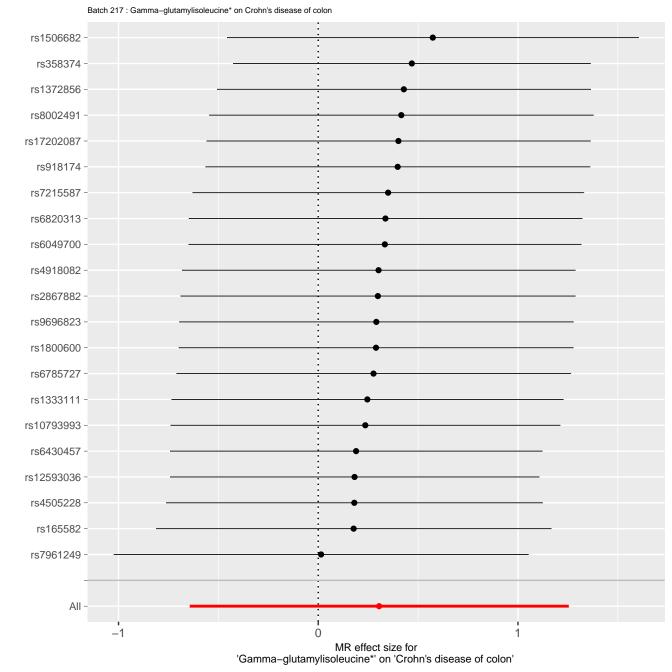


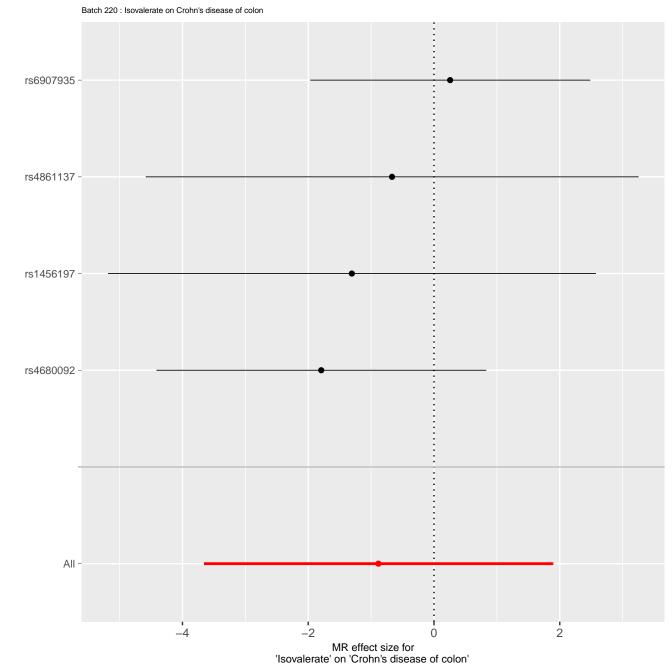


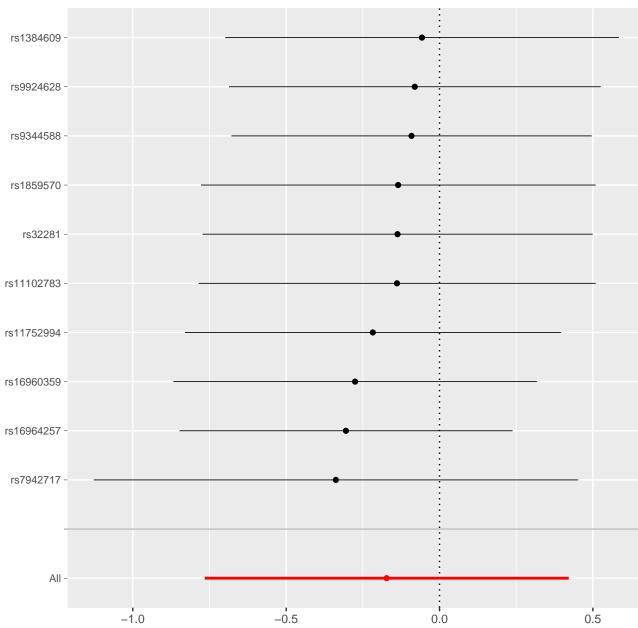






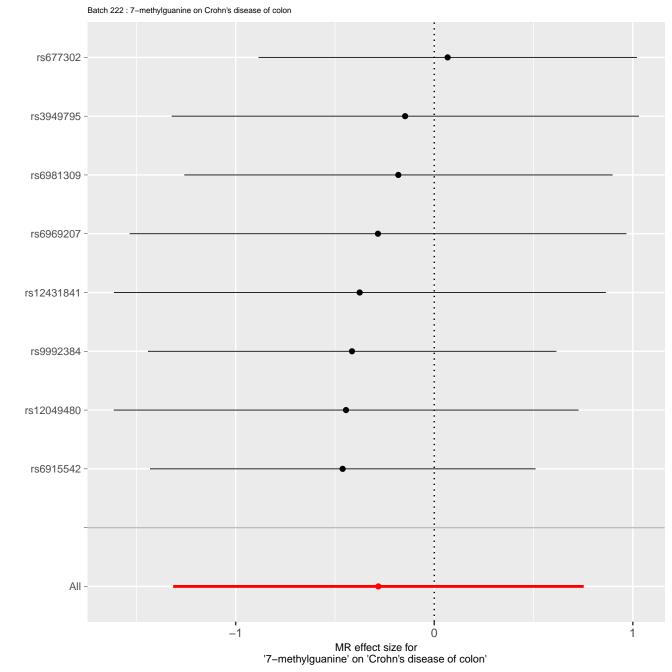


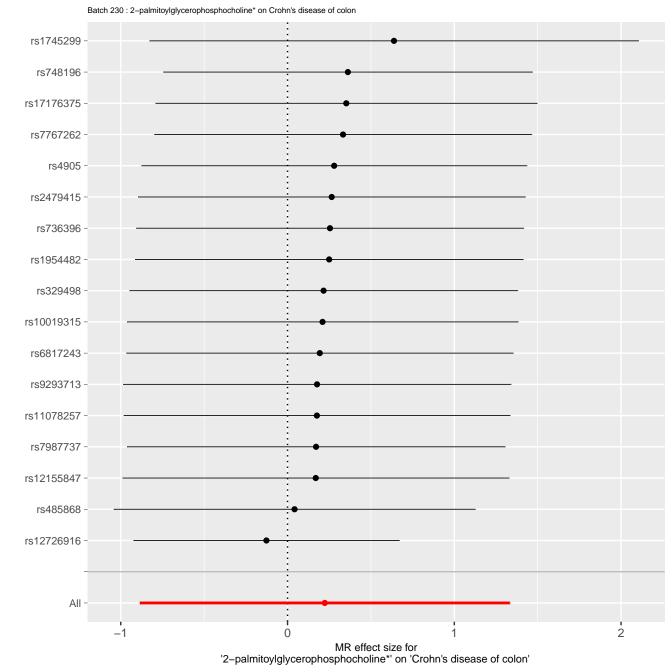


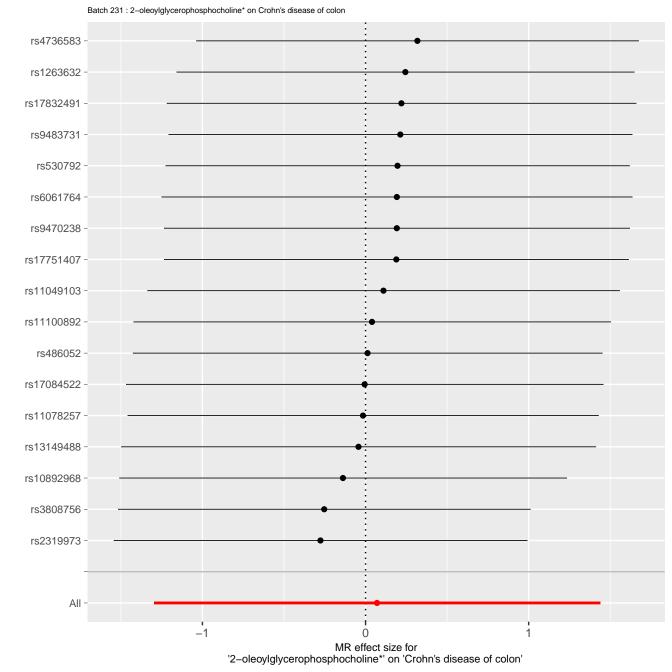


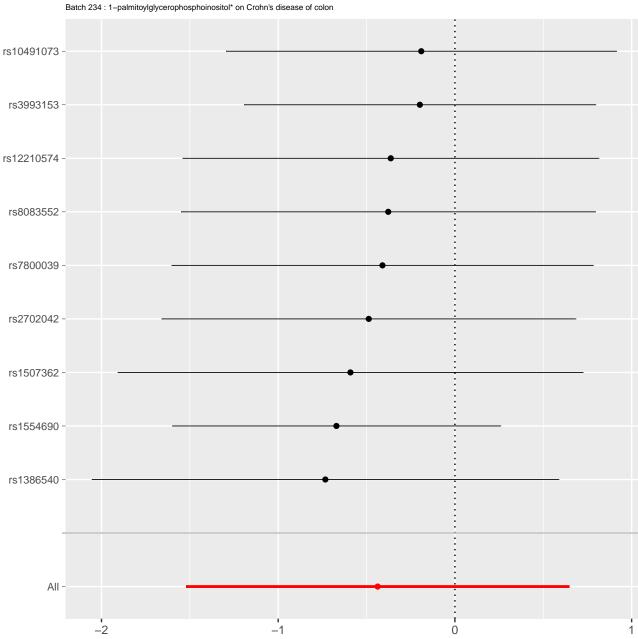
Batch 221: X-13183--stearamide on Crohn's disease of colon

MR effect size for 'X–13183—-stearamide' on 'Crohn's disease of colon'

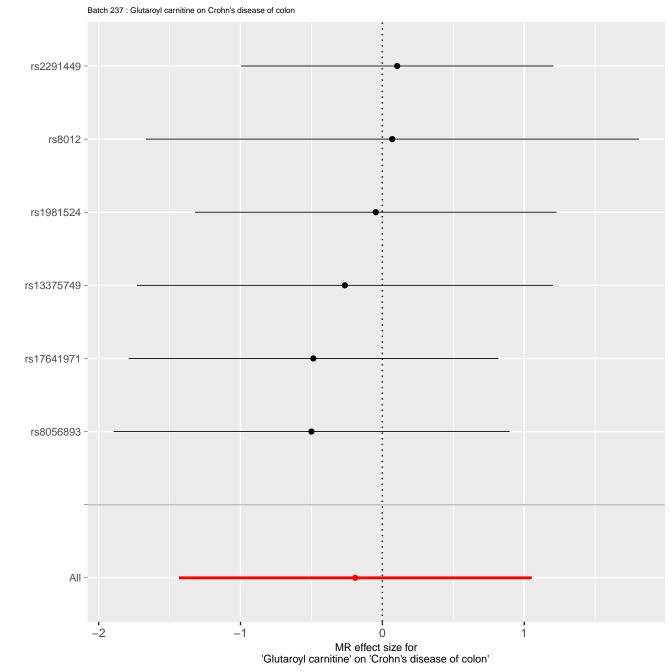


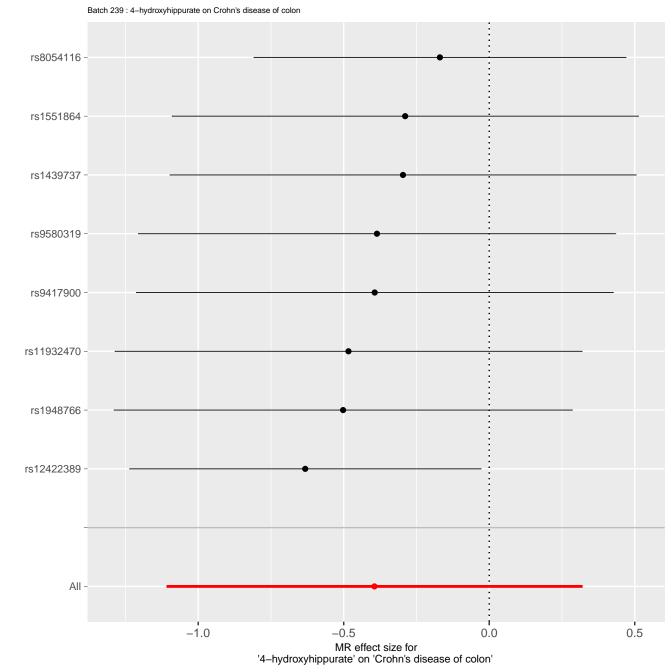


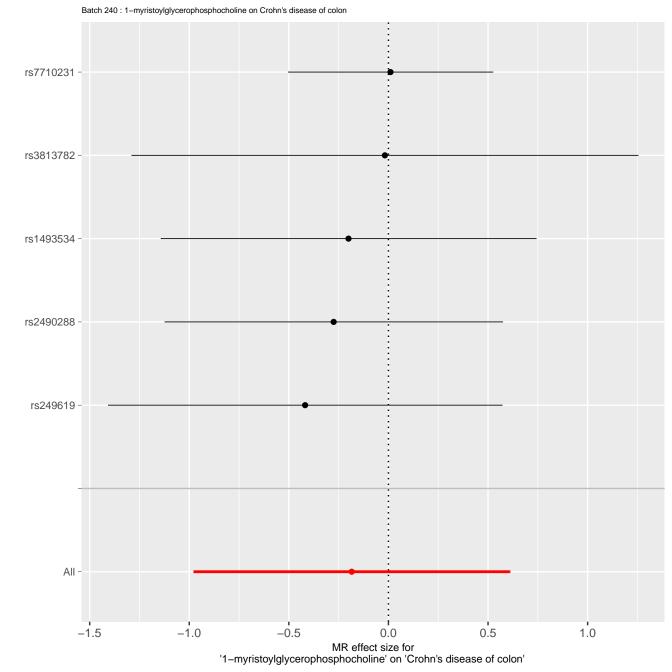


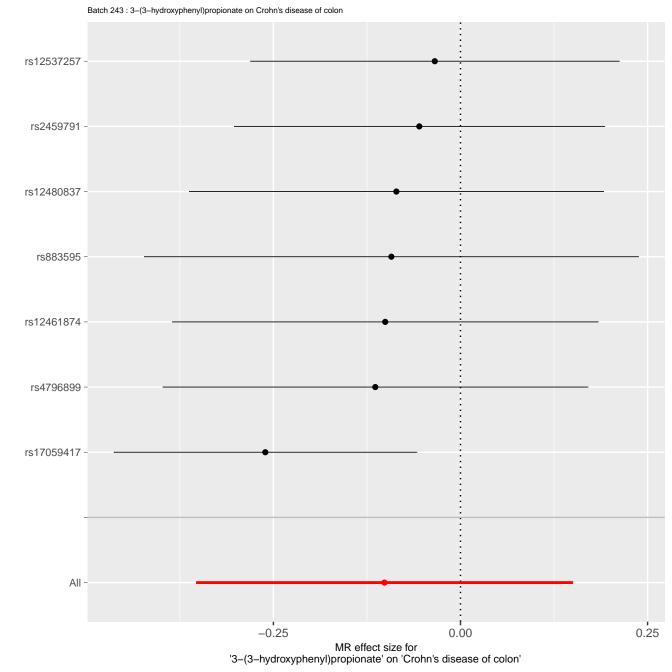


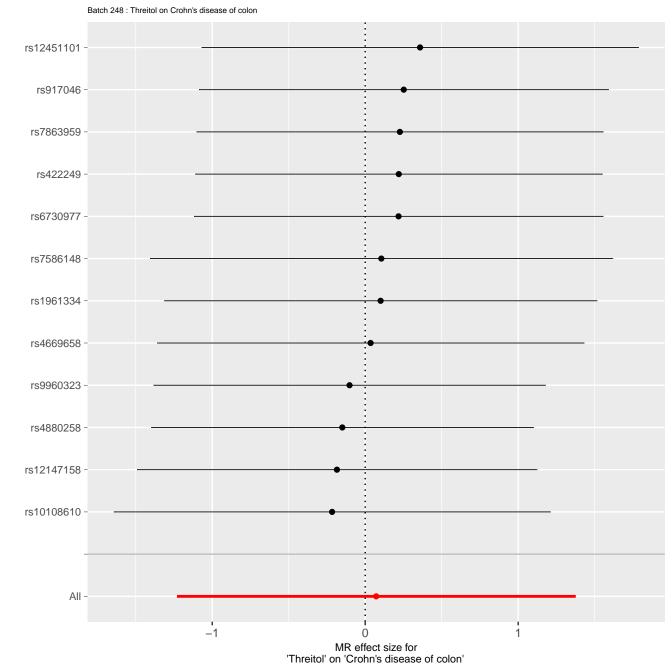
MR effect size for 
'1–palmitoylglycerophosphoinositol\*' on 'Crohn's disease of colon'

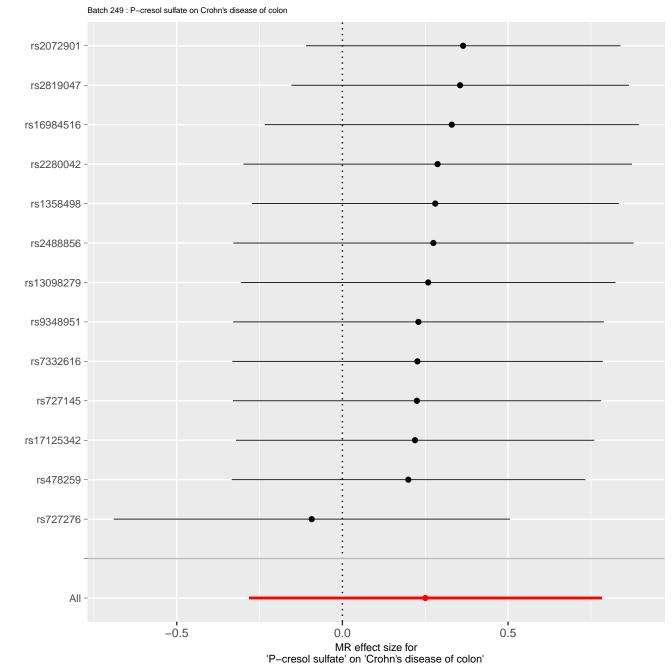


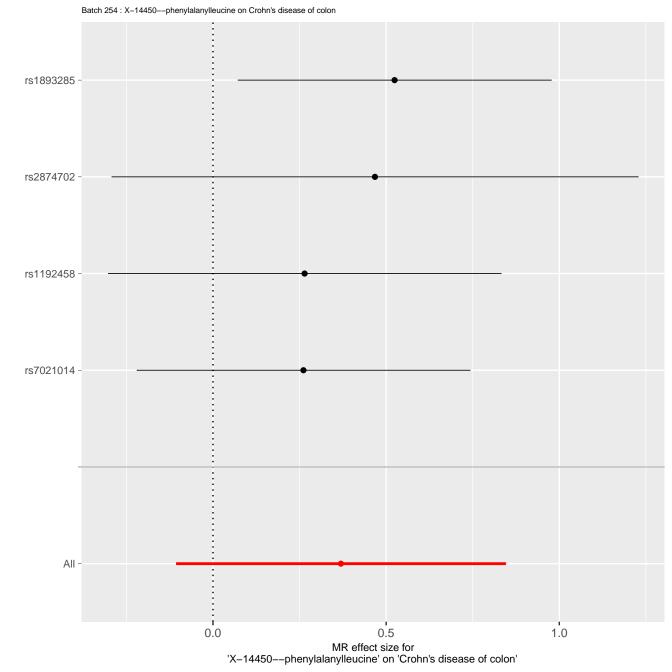


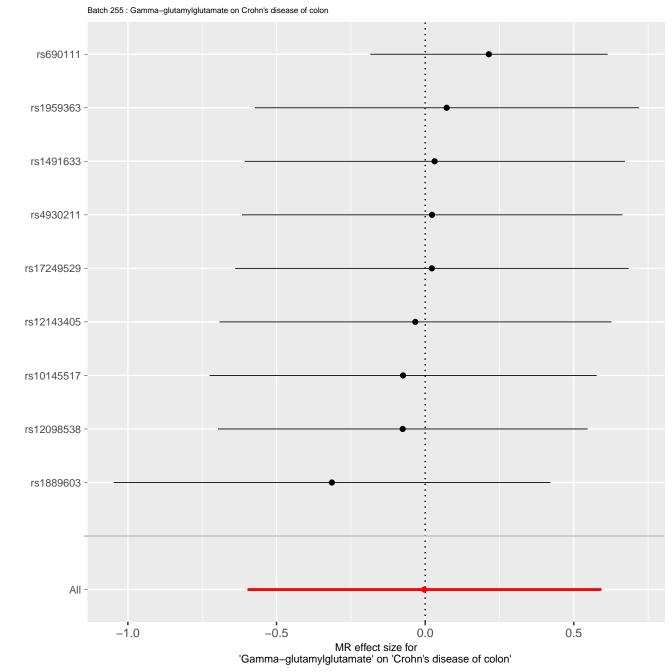


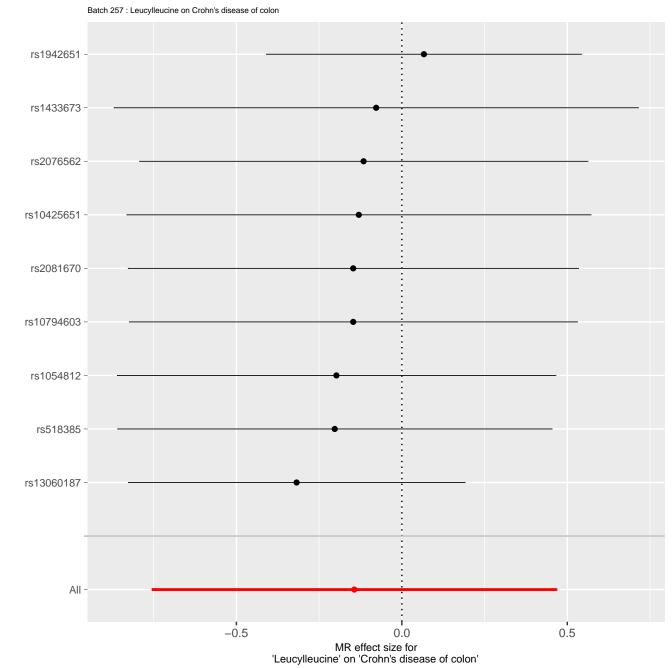


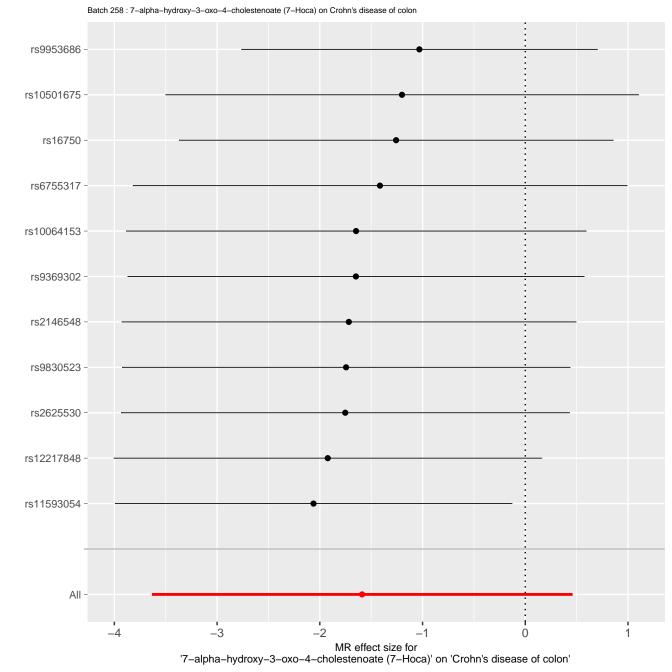


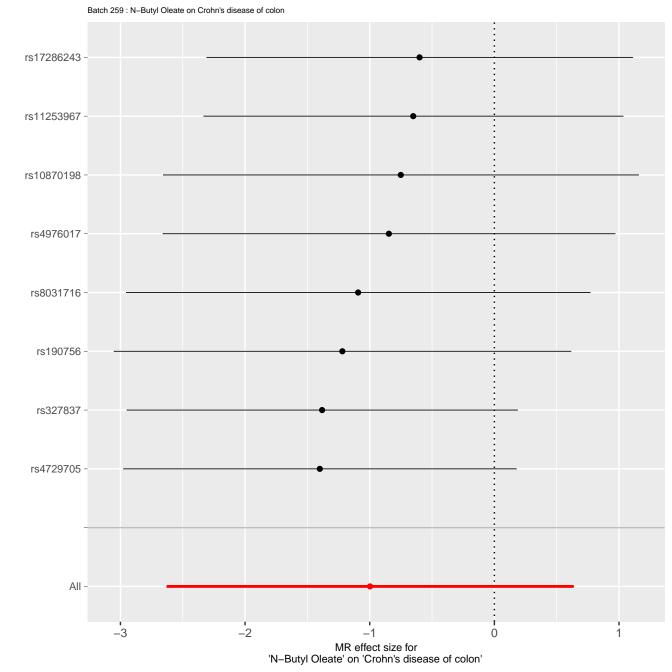


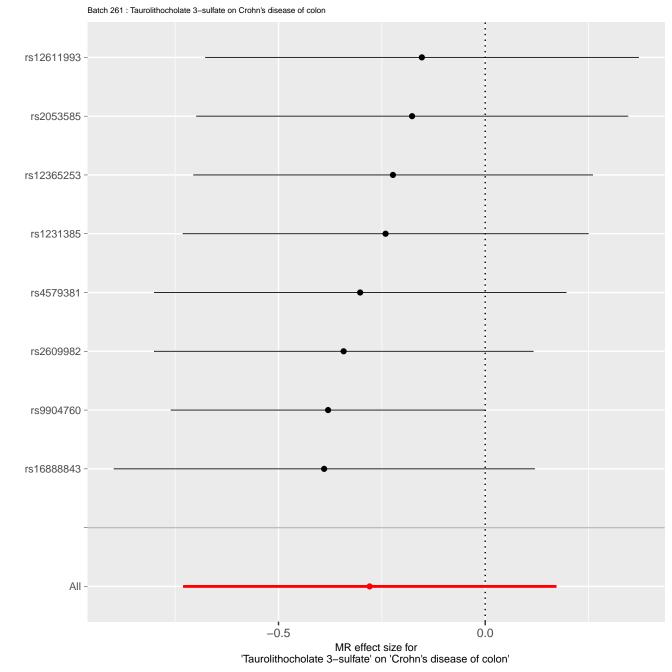


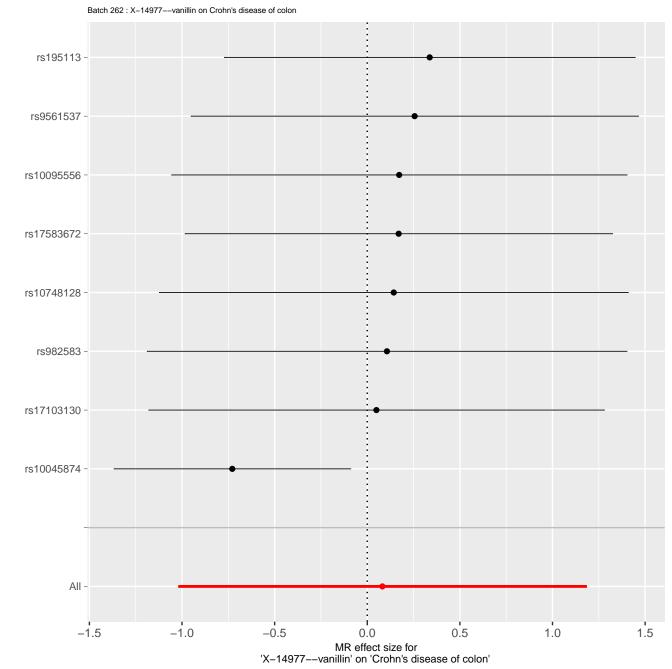


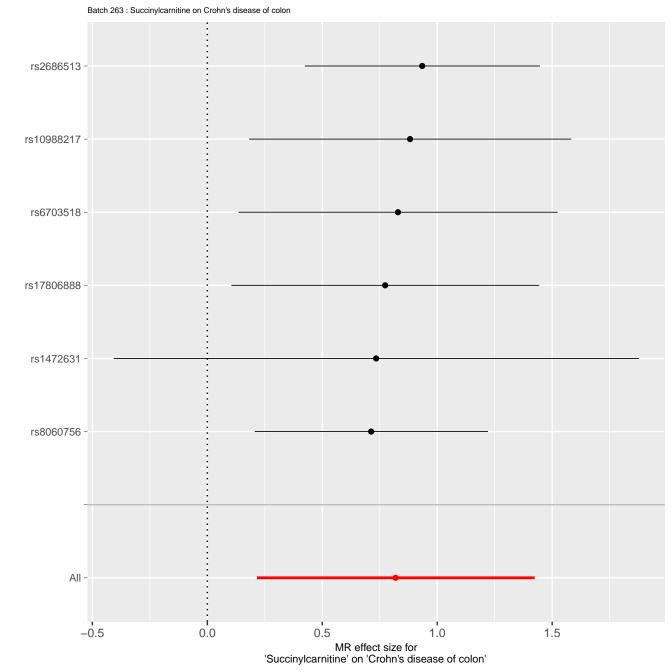


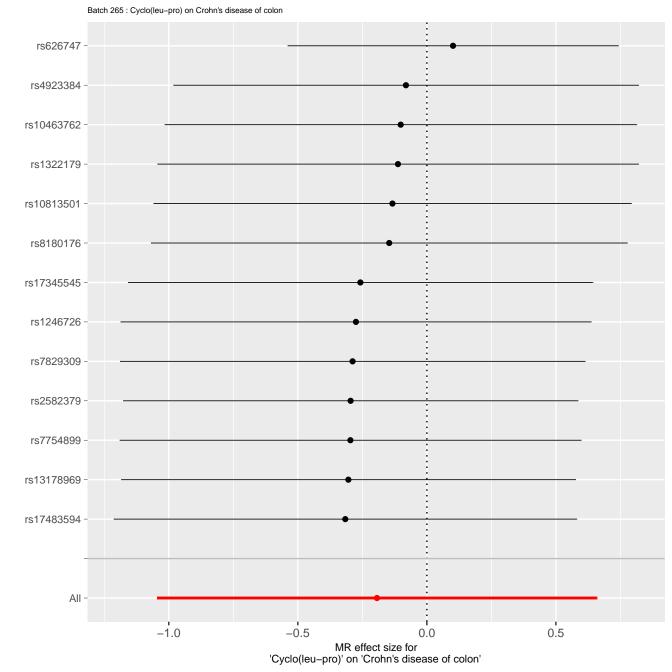


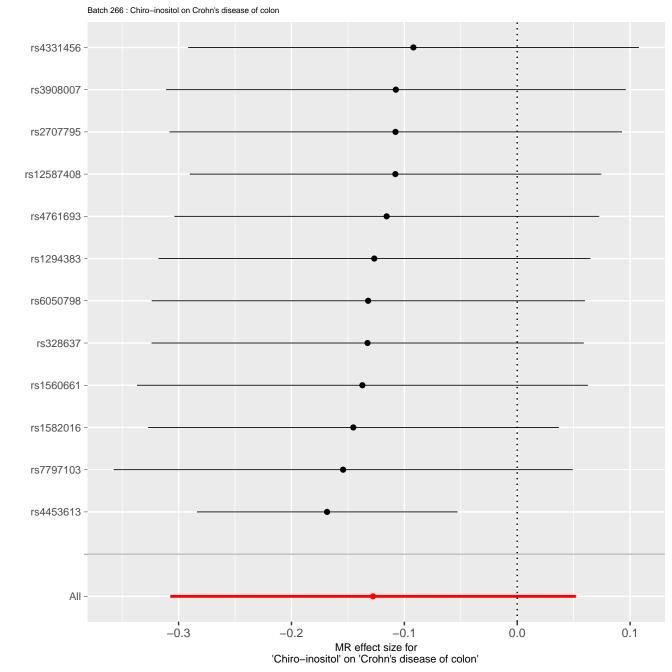


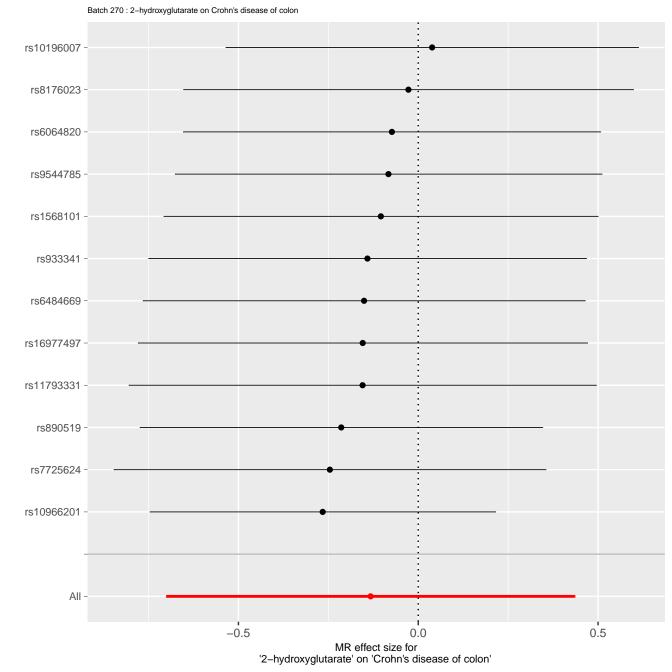


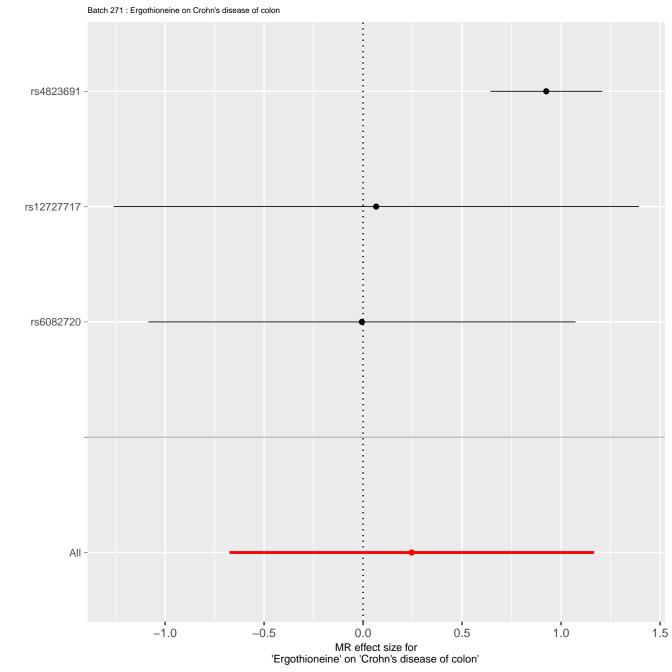


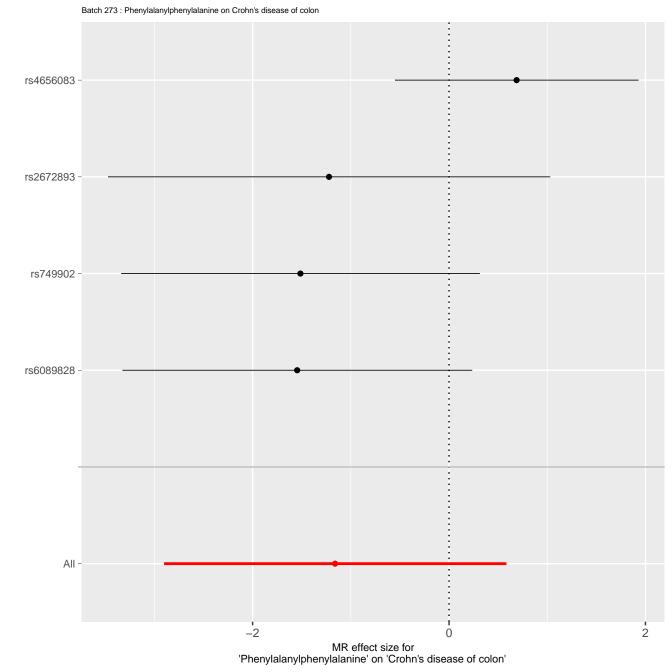


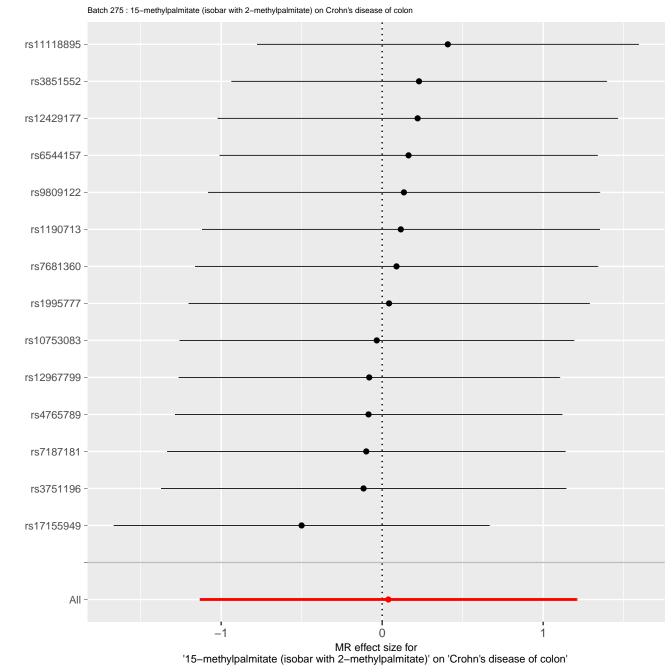


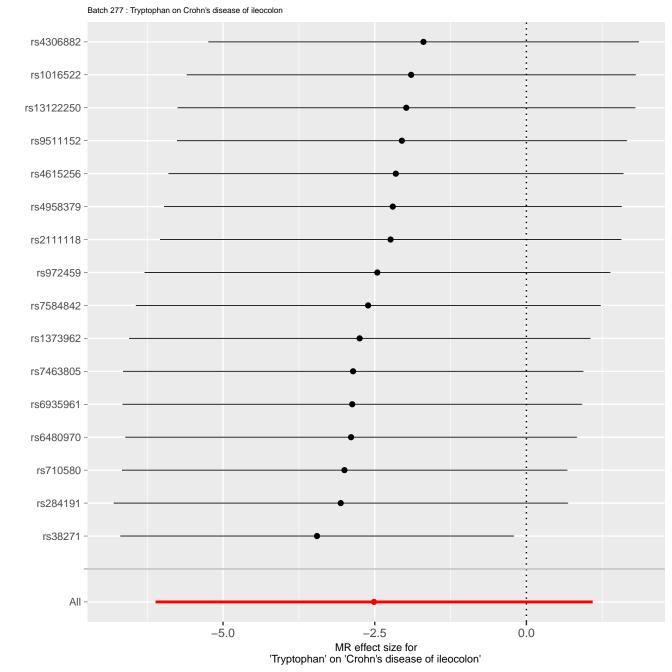


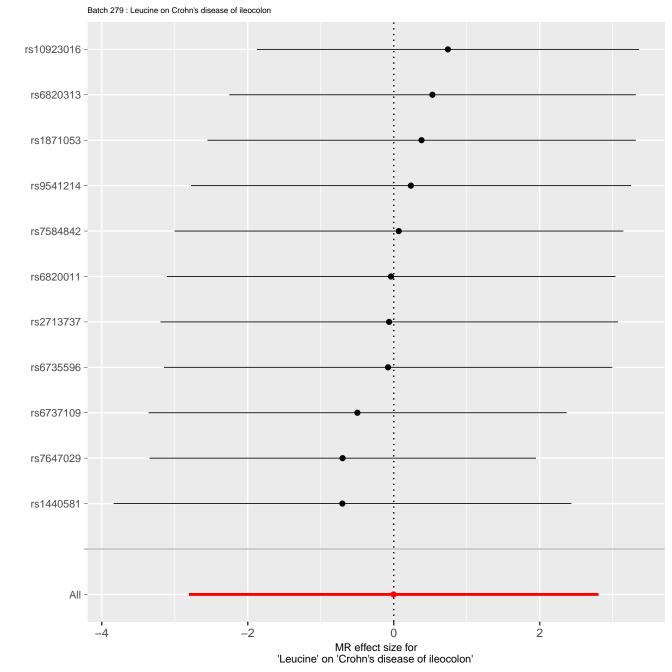


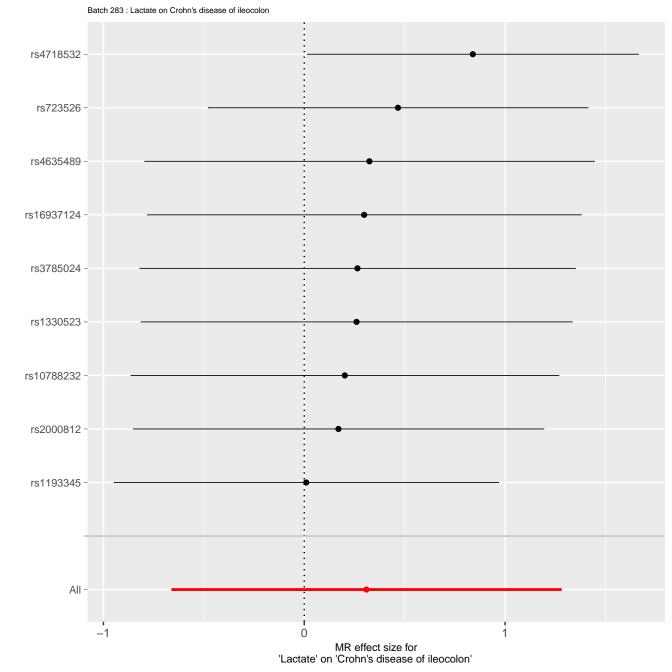


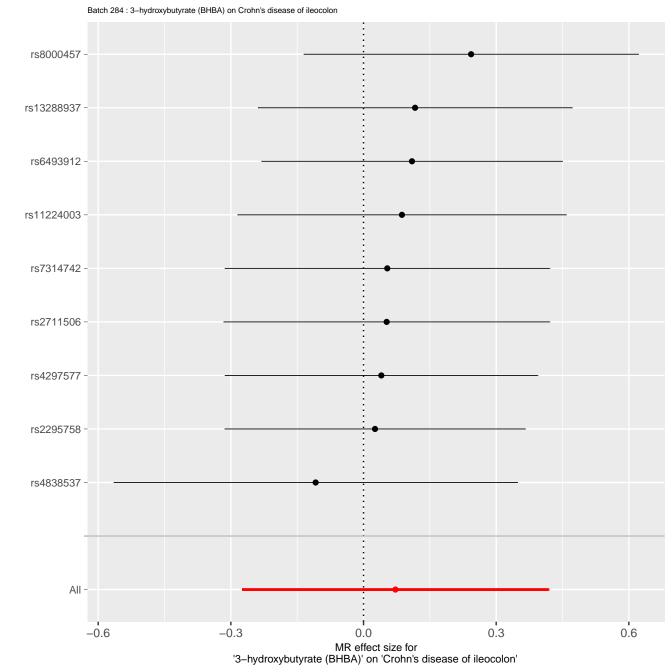


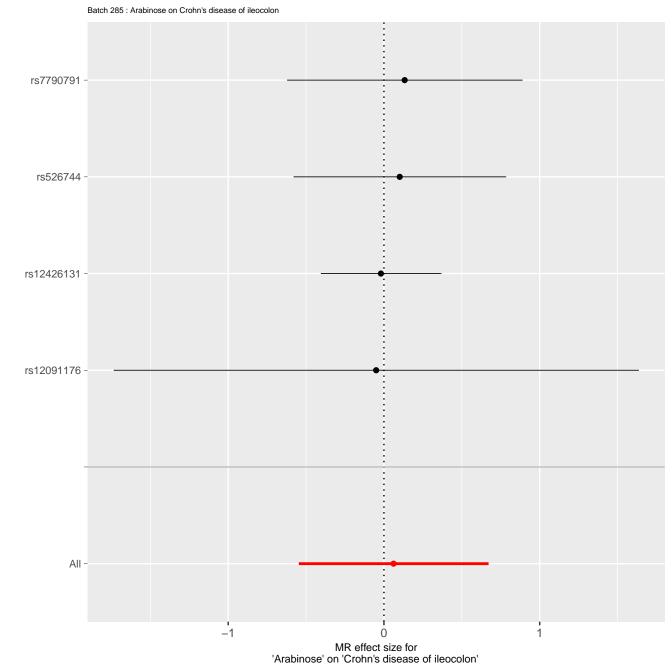


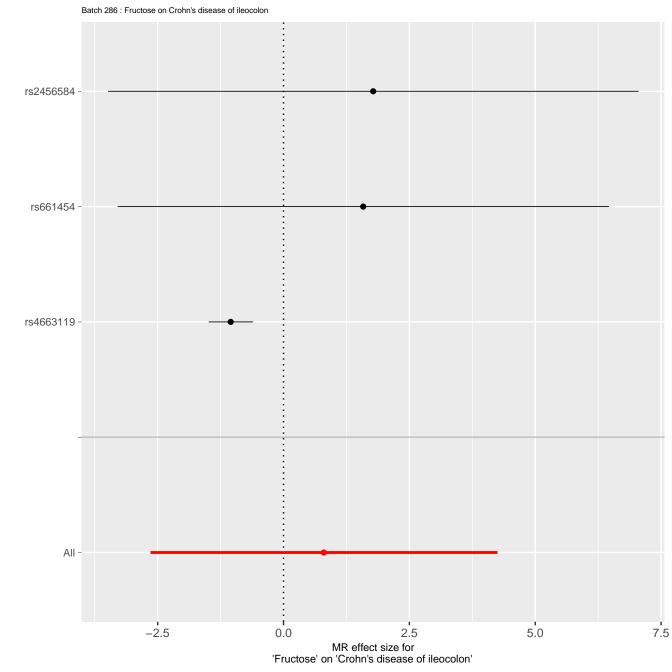


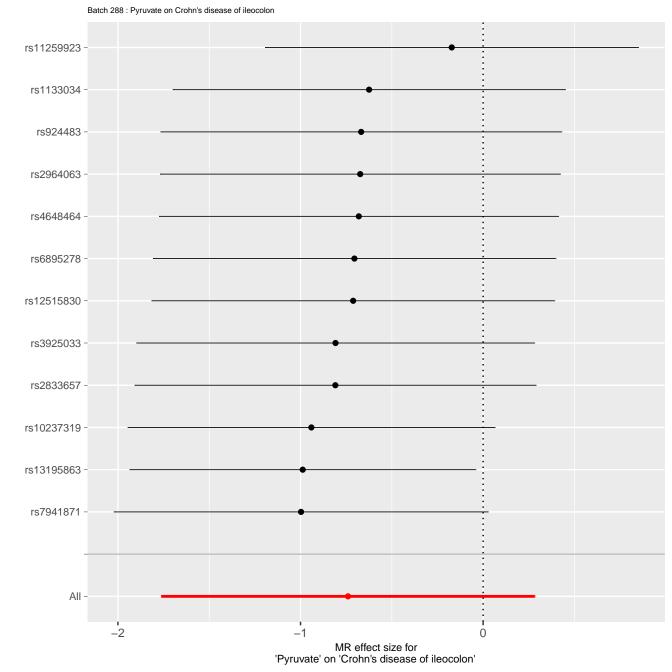


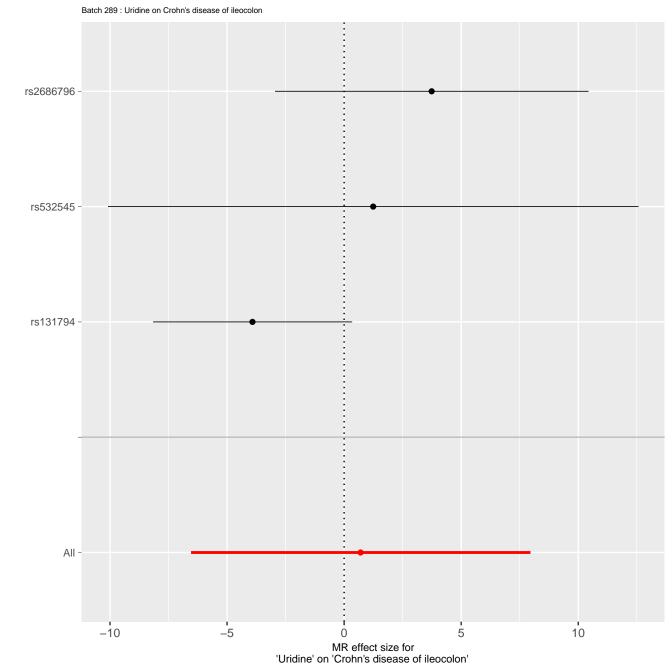


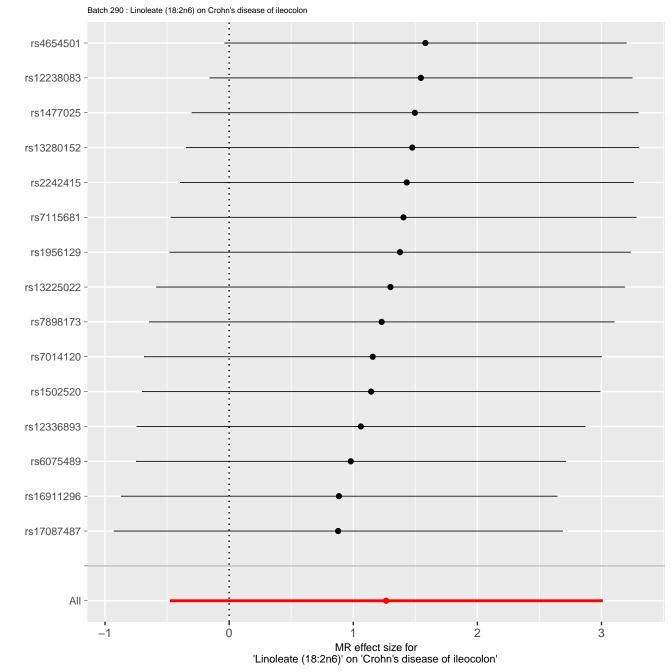


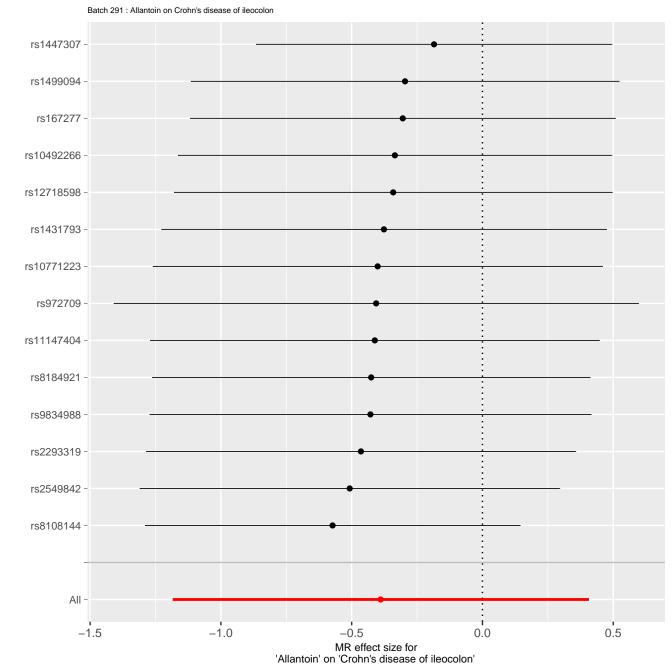


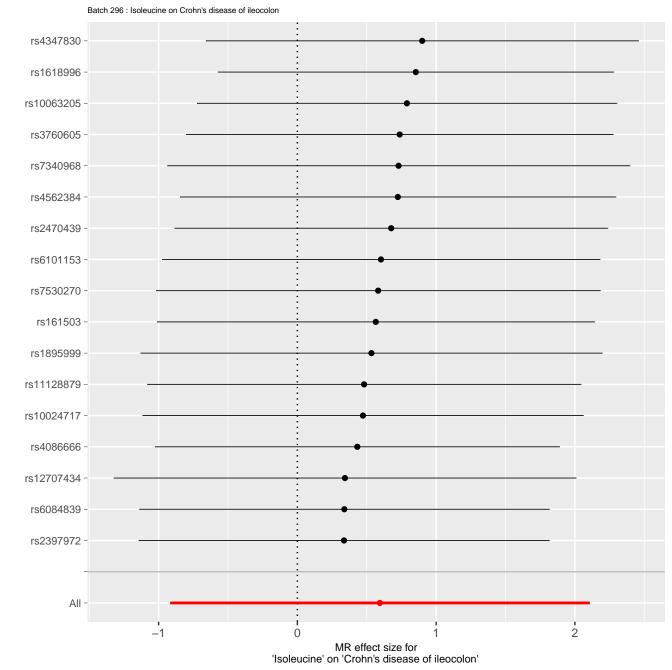


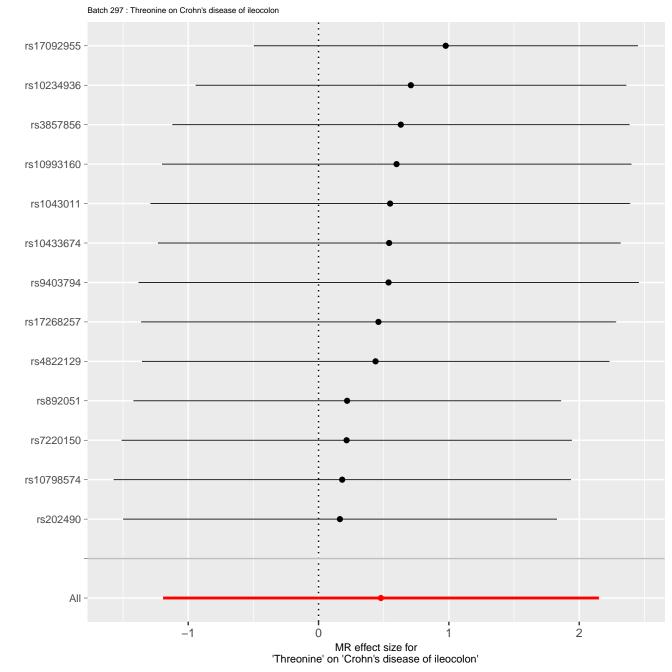


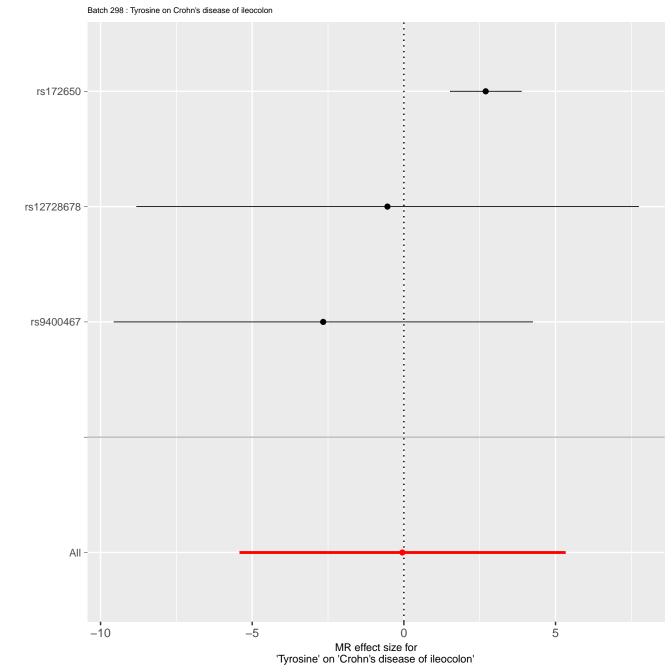


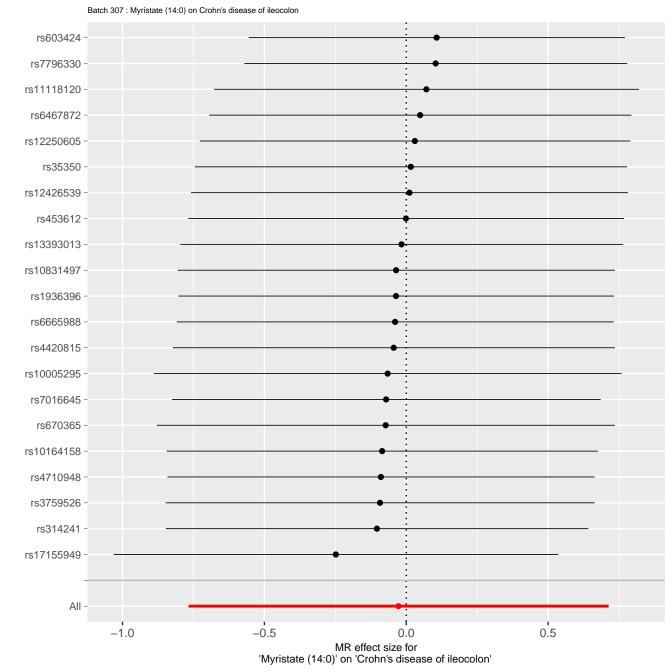


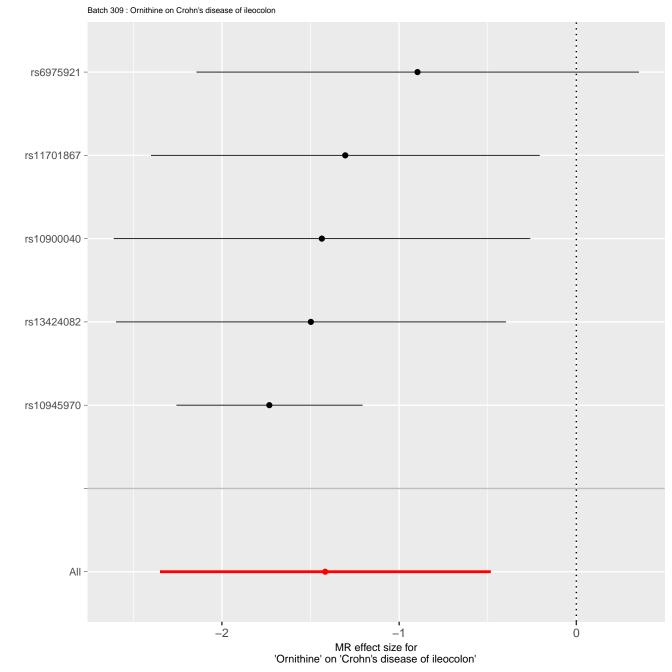


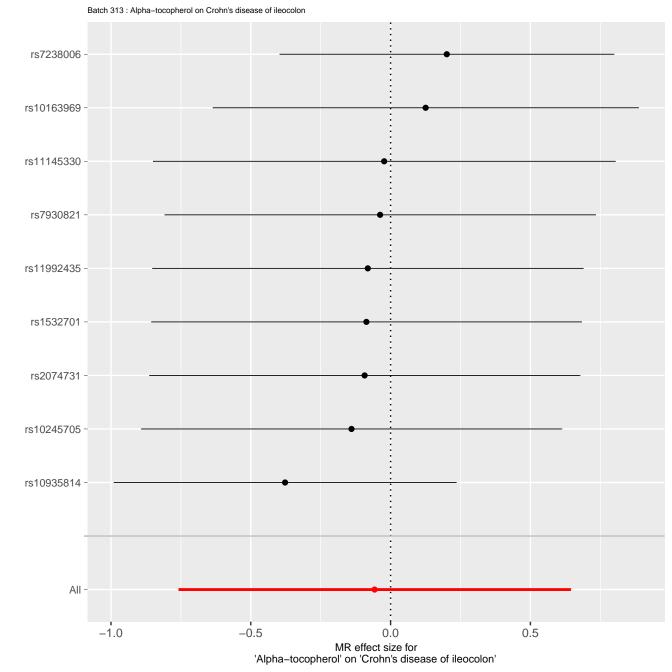


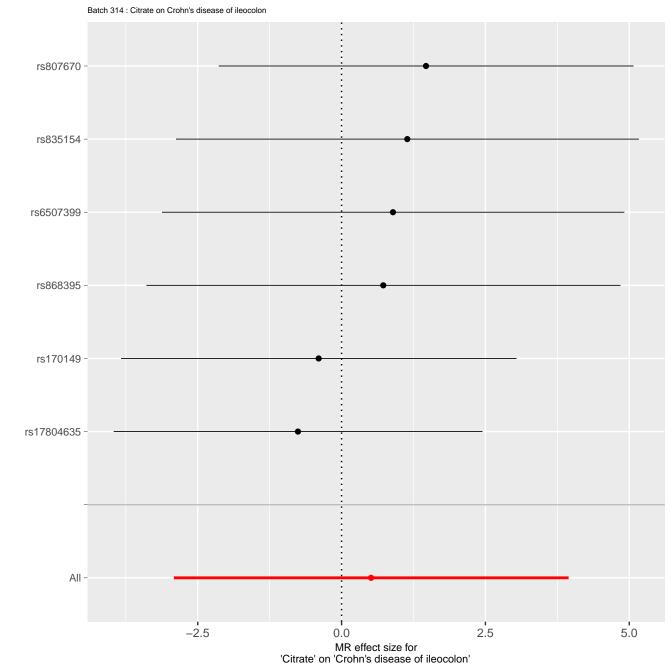


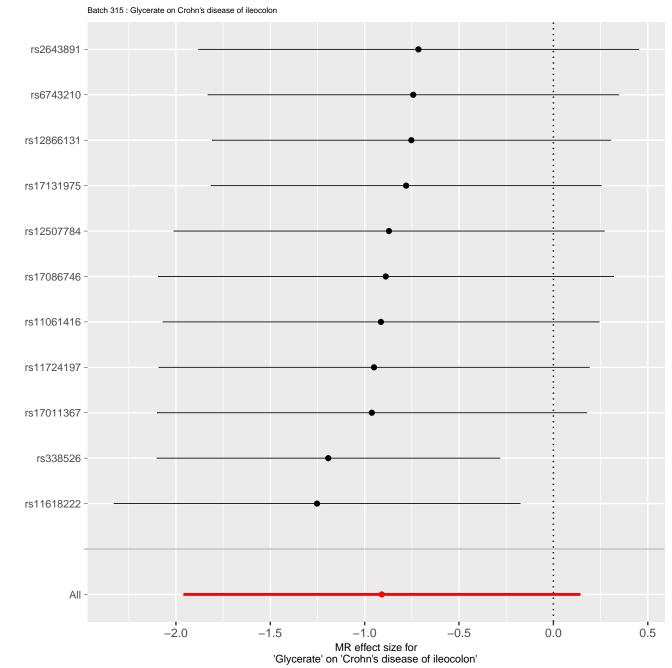


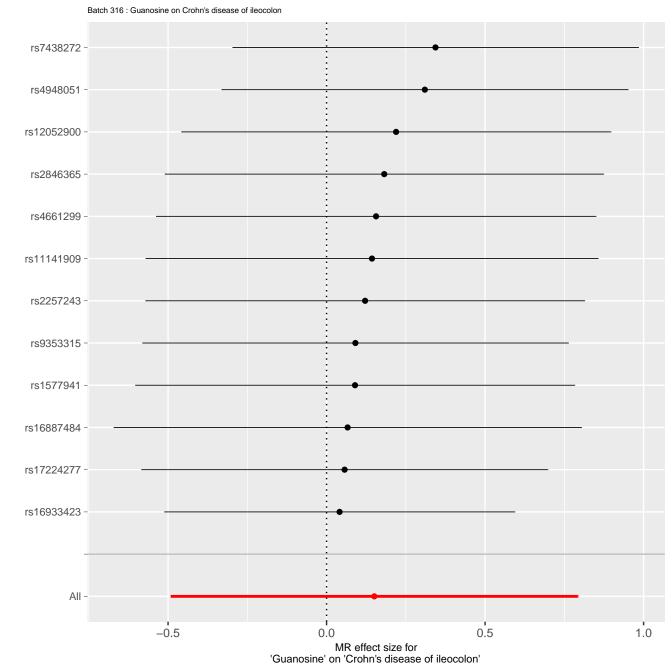


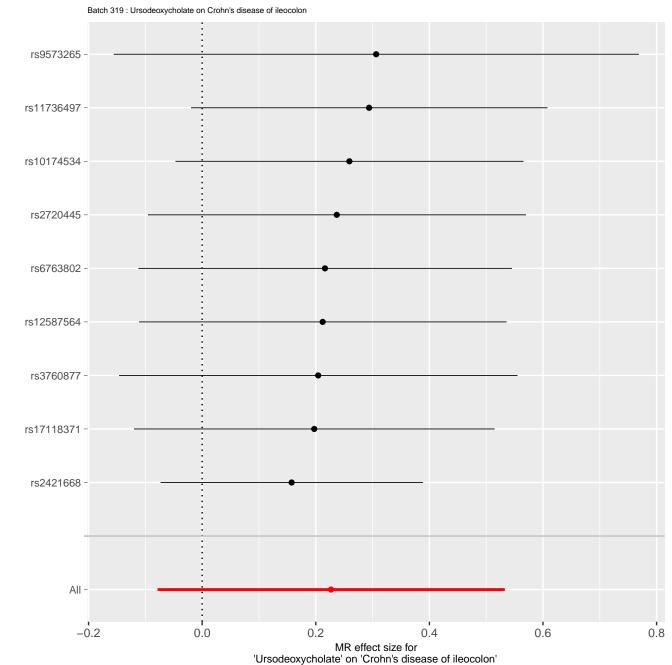


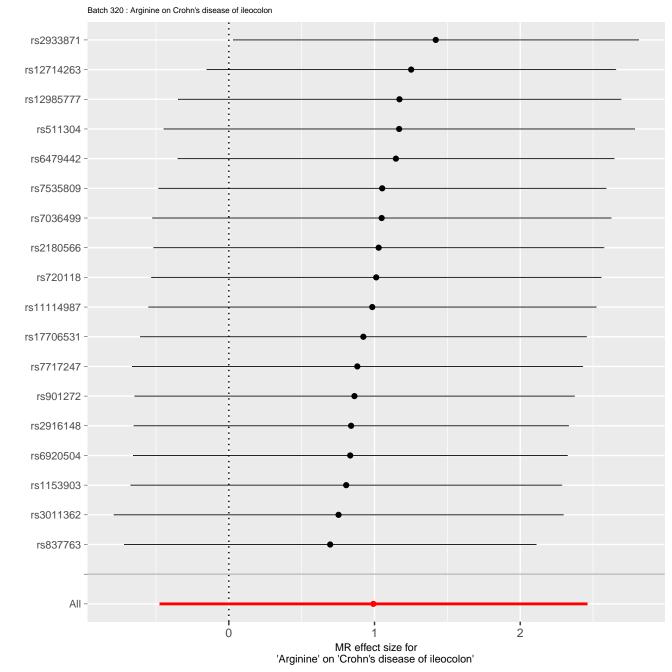


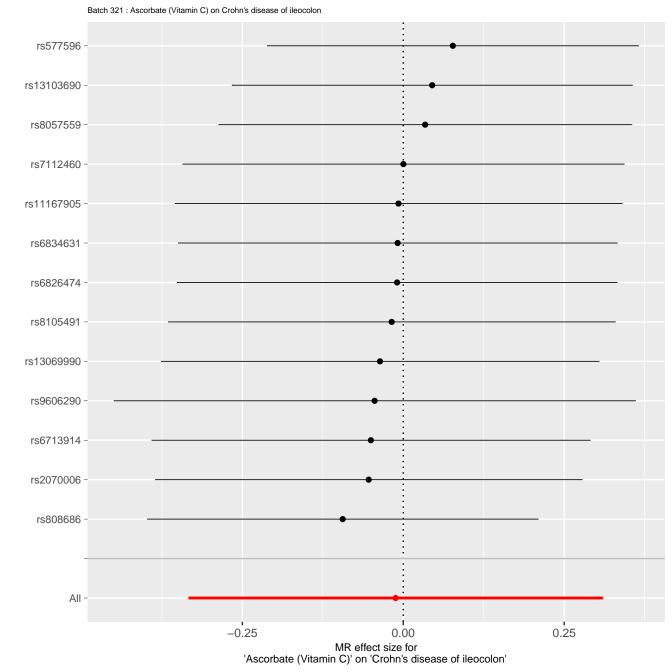


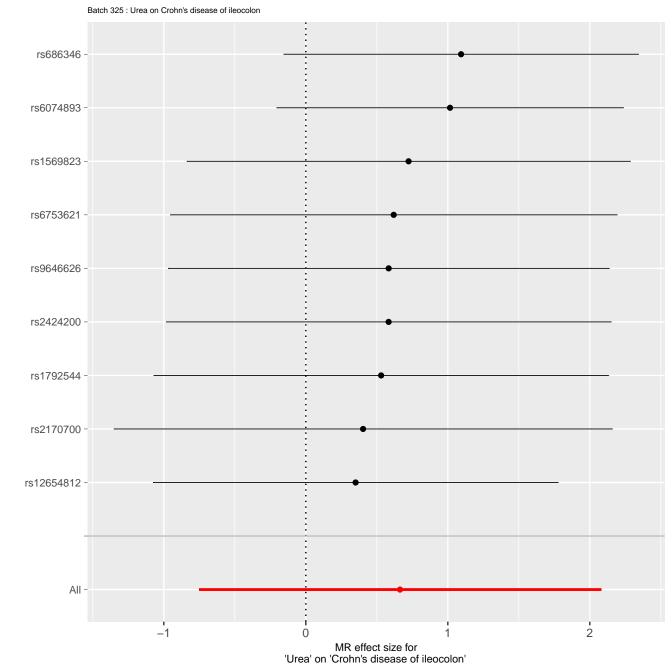


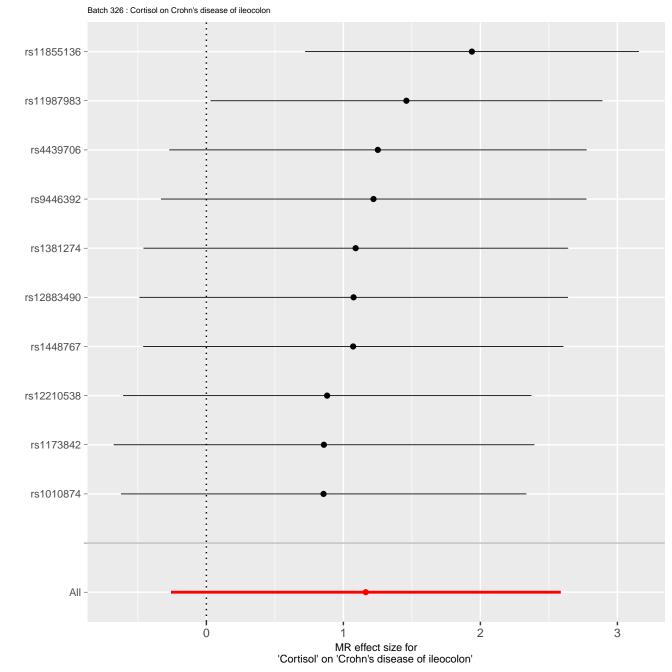


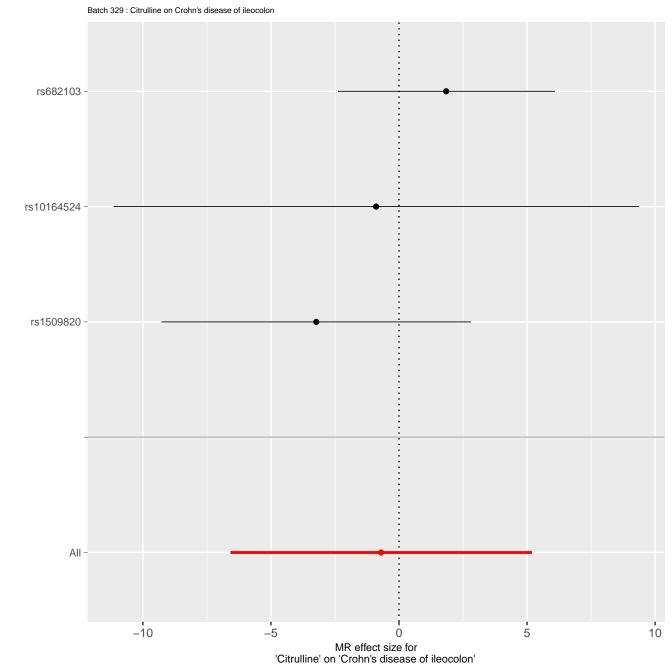


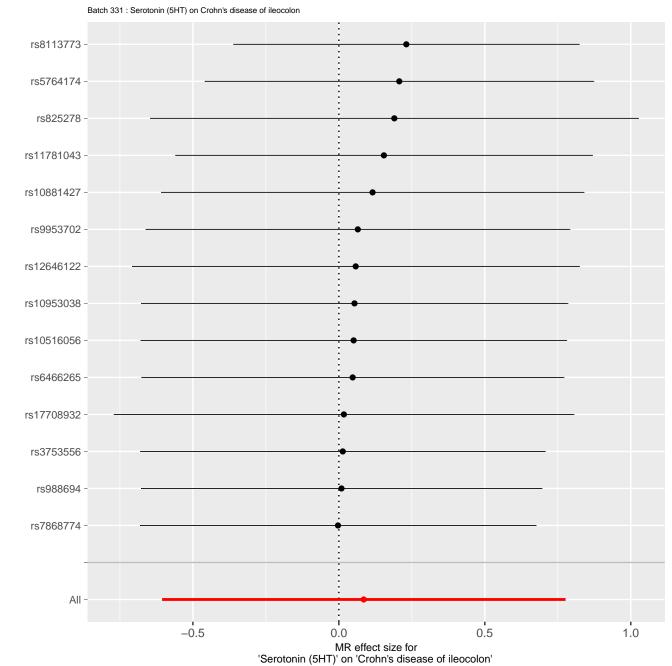


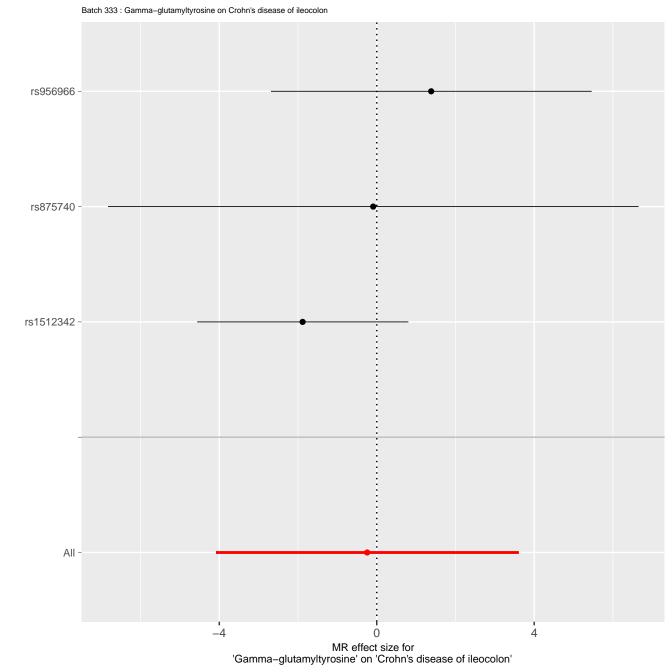


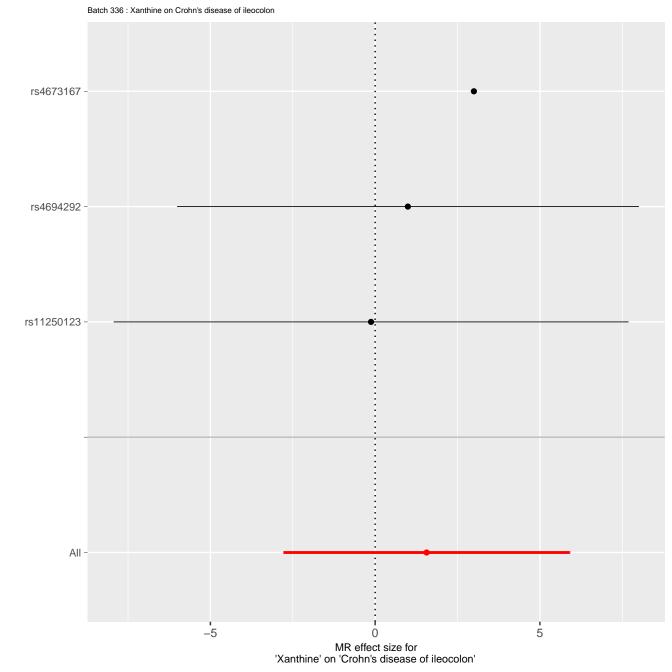


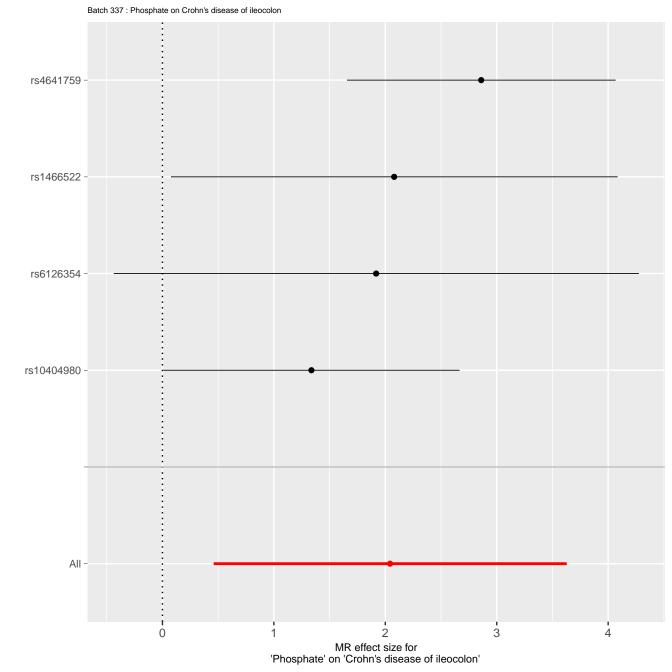


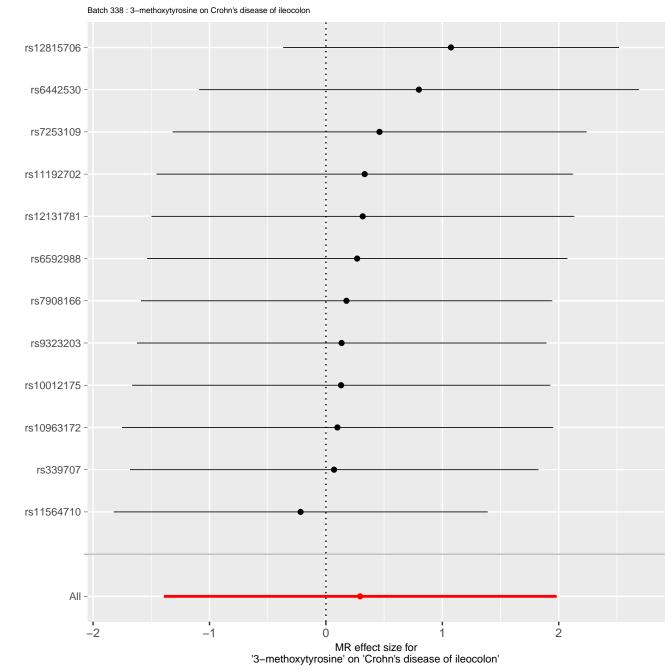


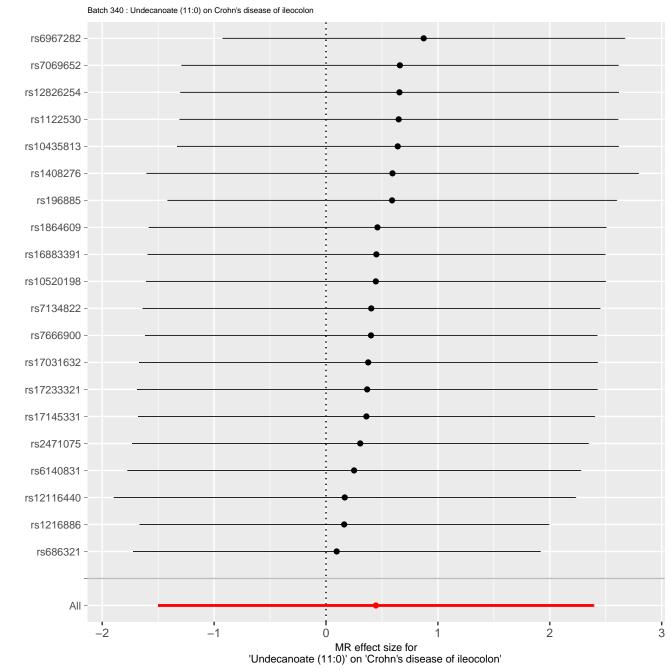


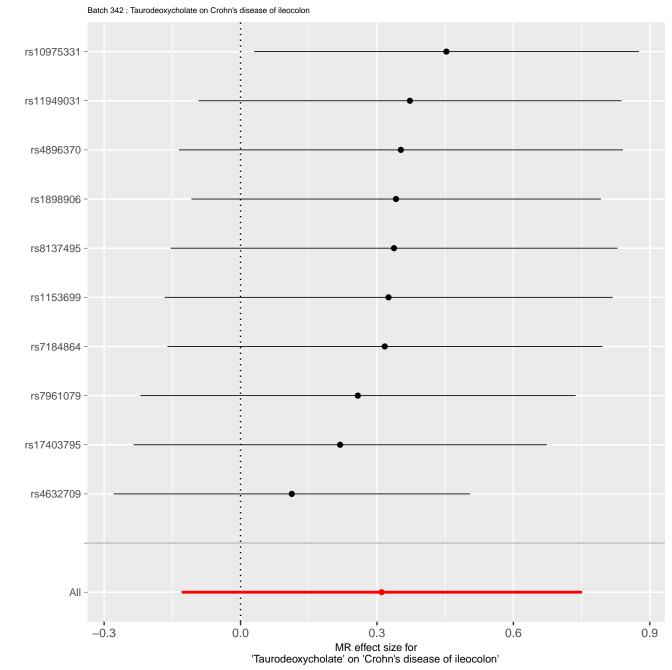


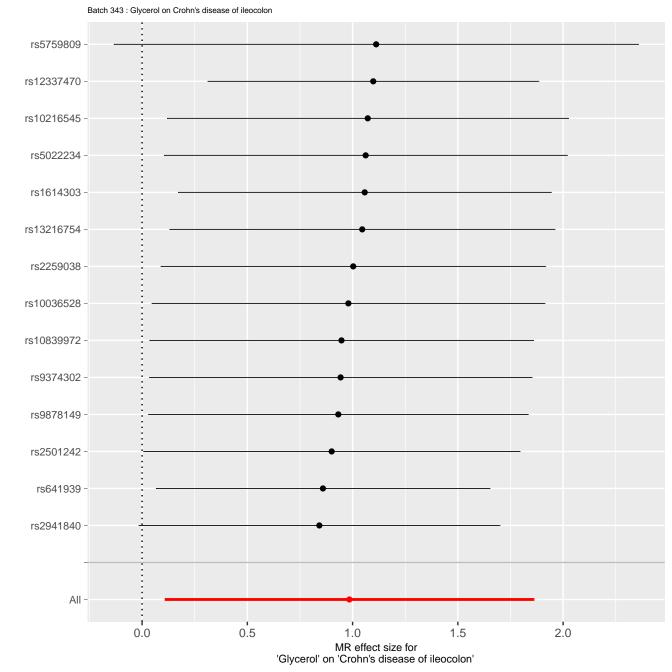


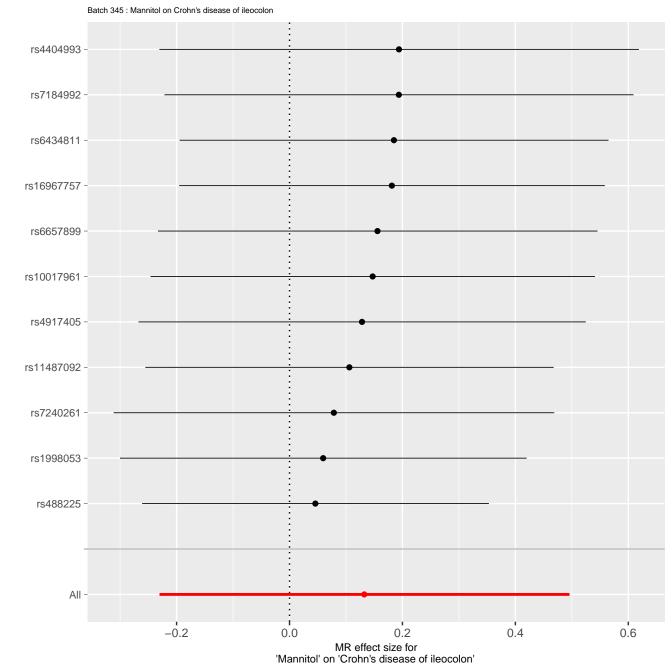


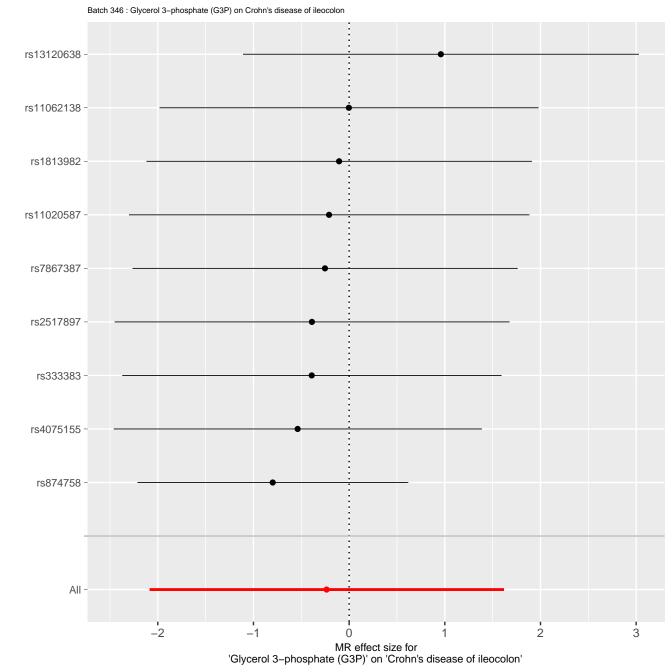


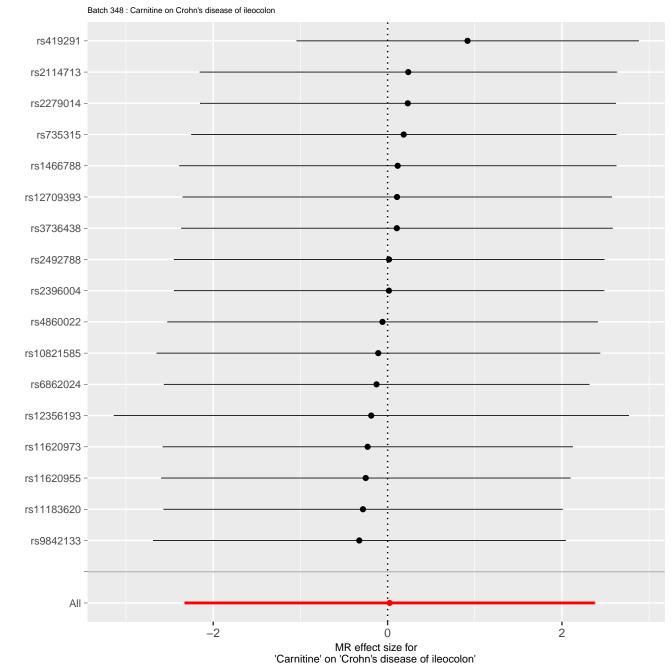


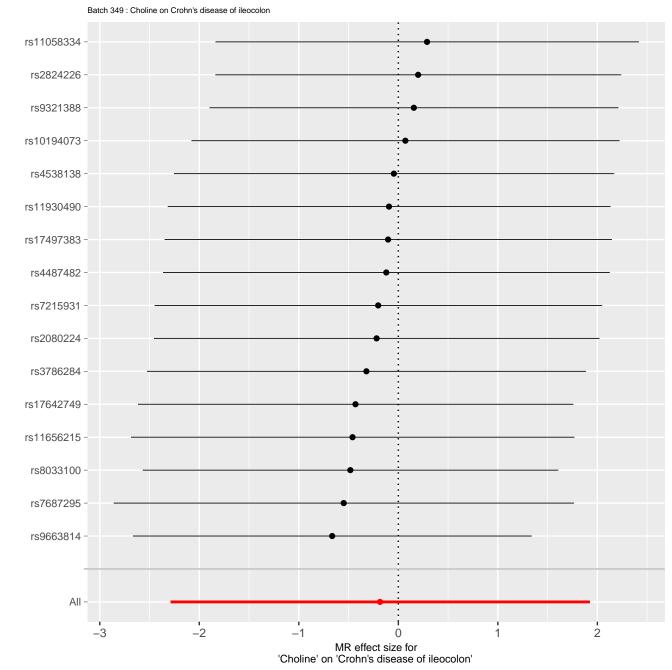


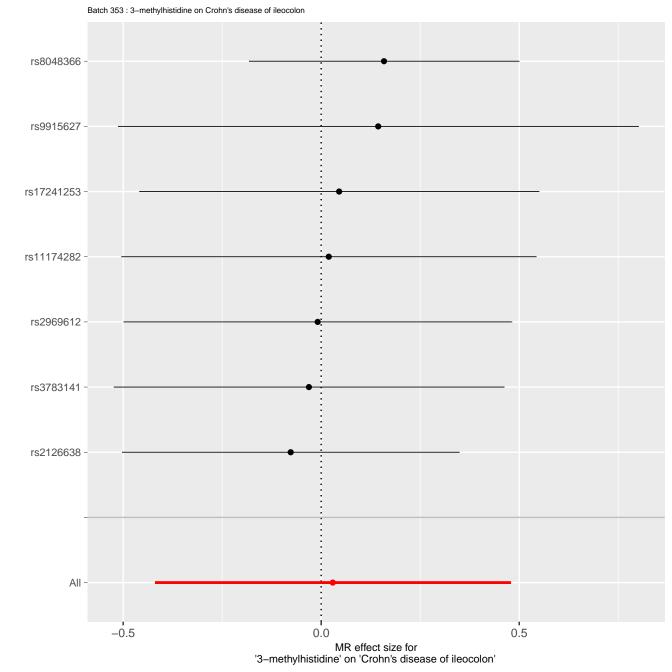


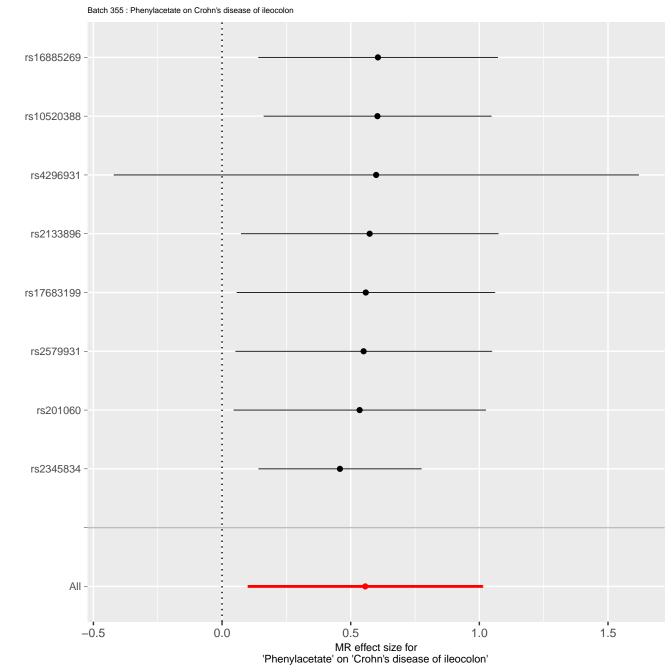


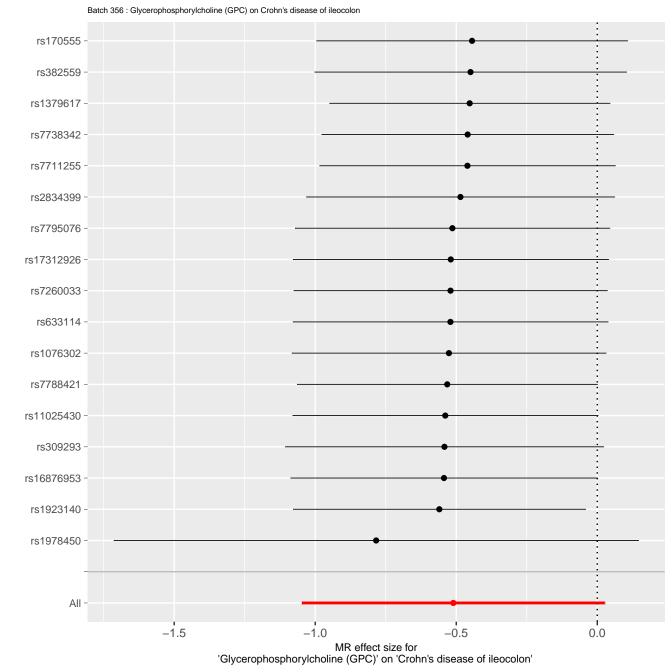


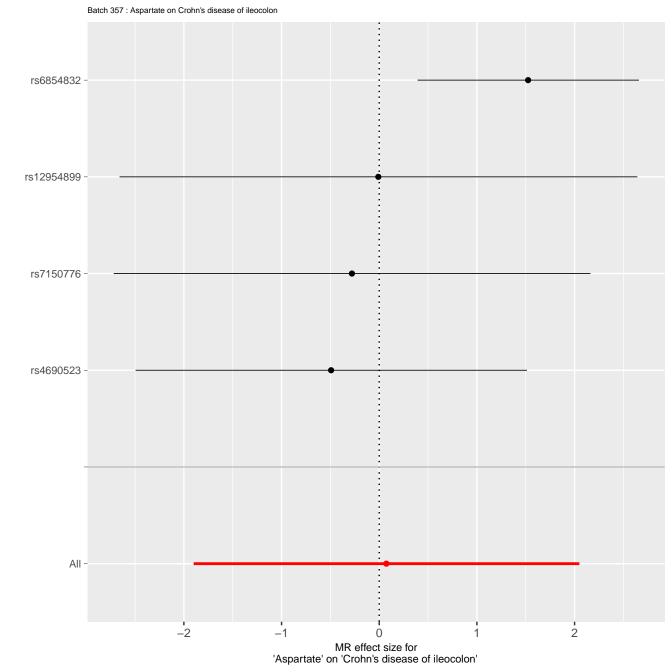


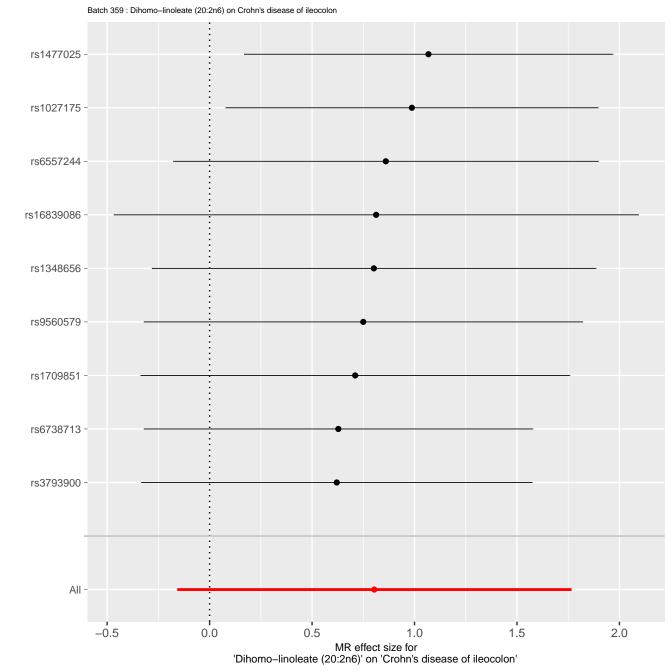












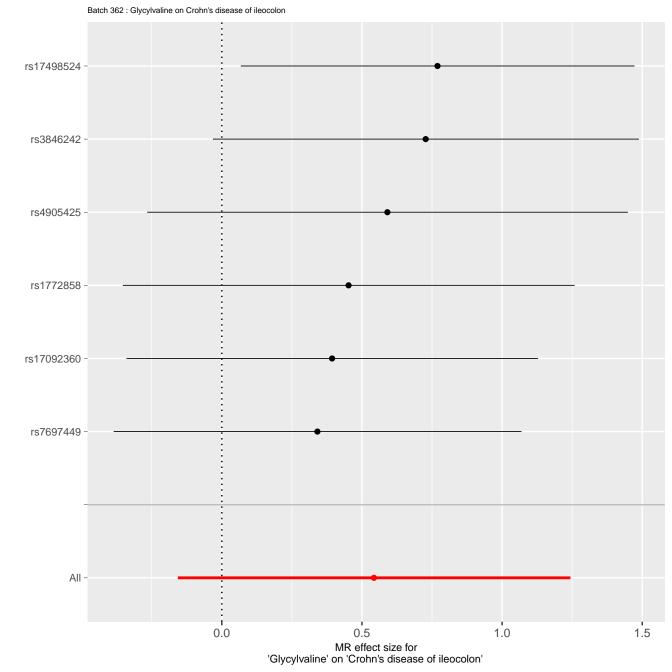
0.5

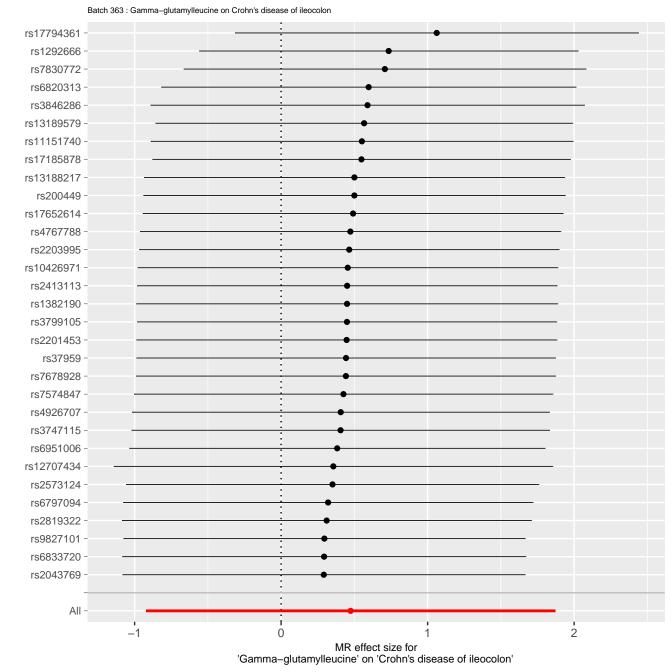
1.0

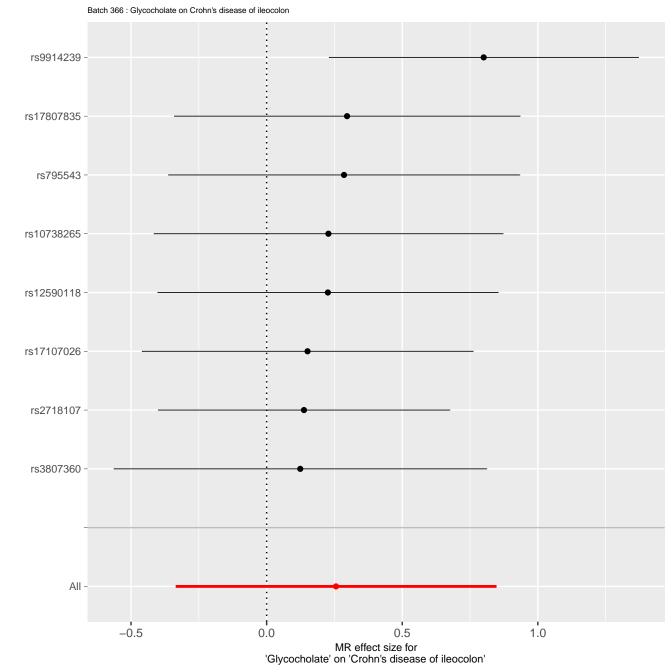
MR effect size for '2-hydroxystearate' on 'Crohn's disease of ileocolon'

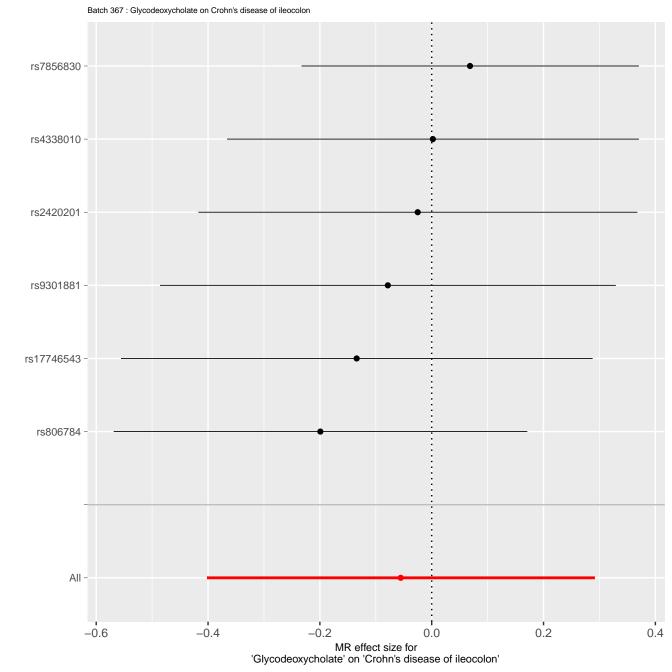
0.0

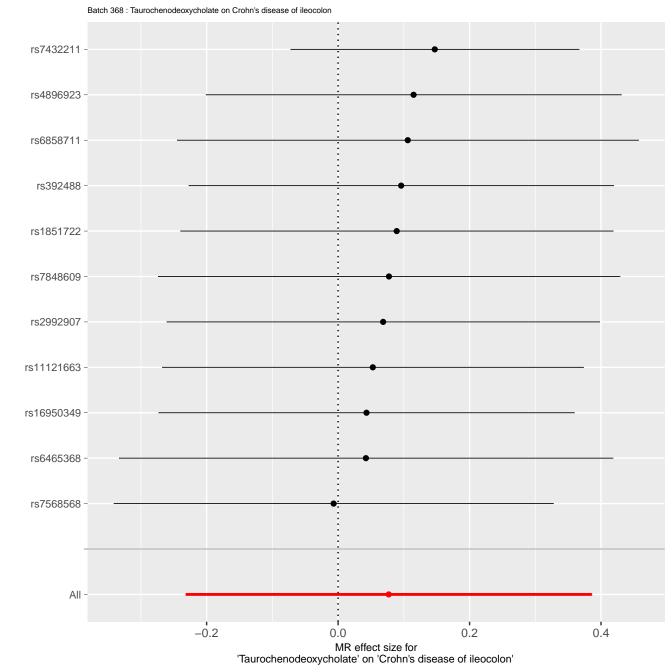
-0.5

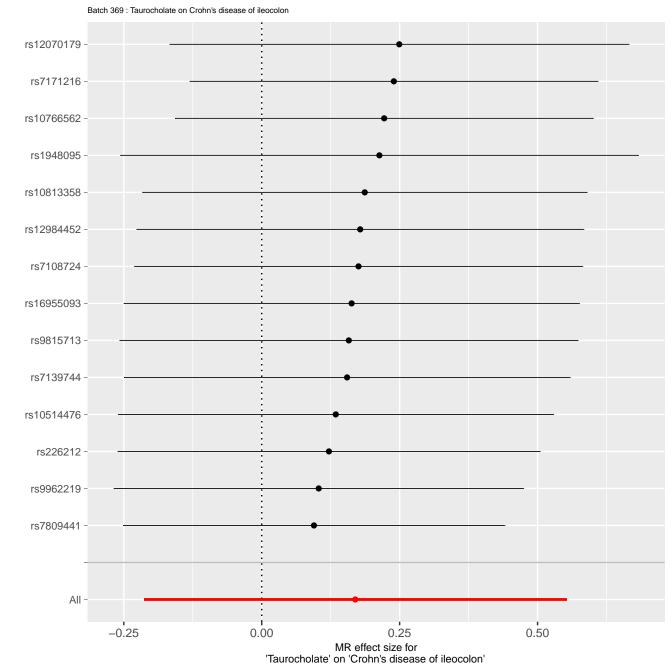


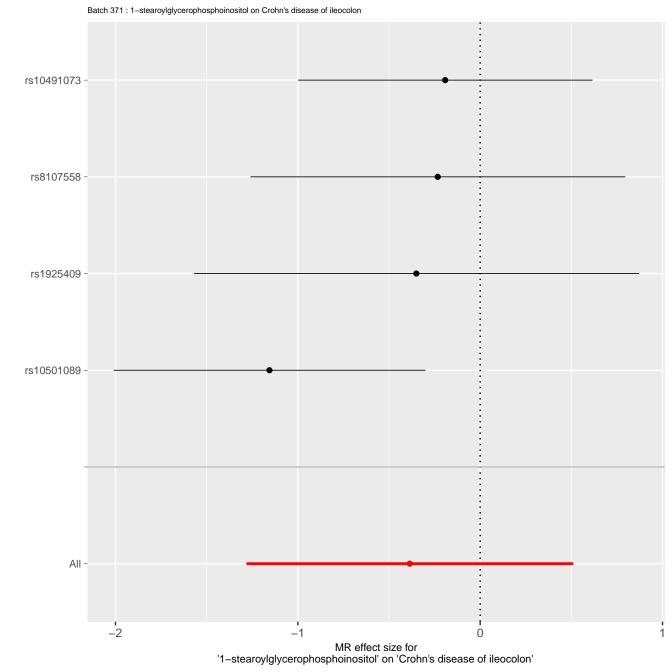


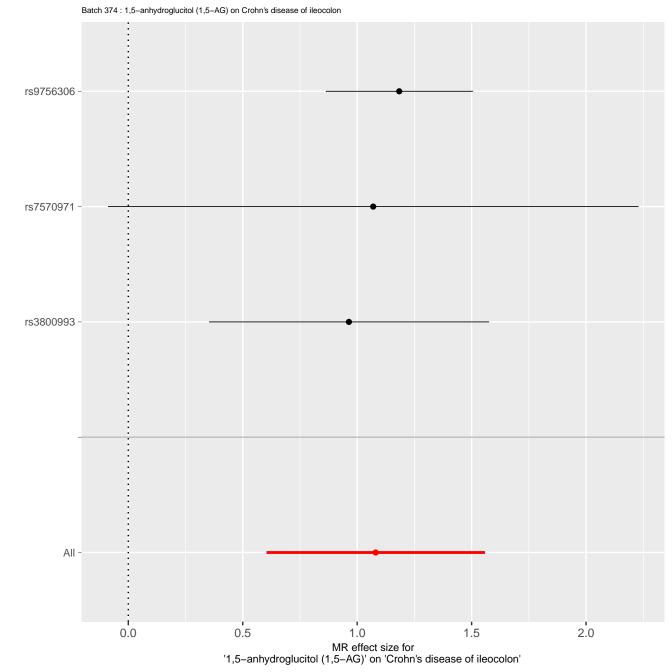


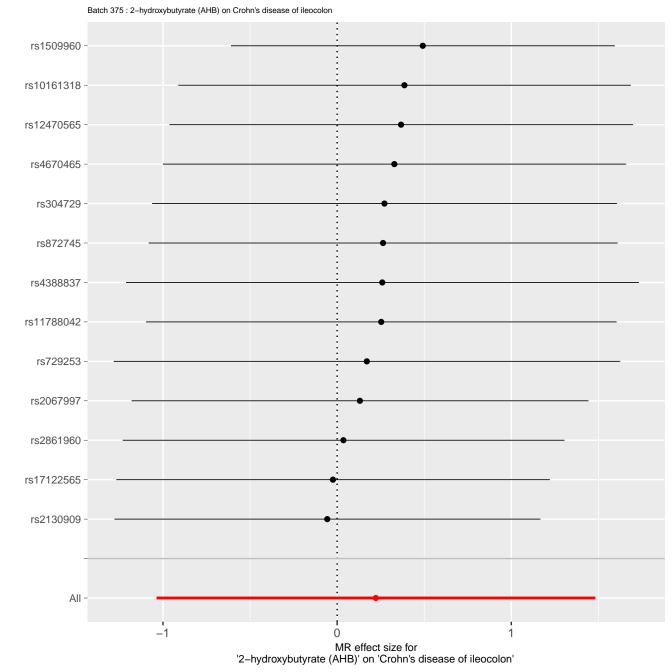


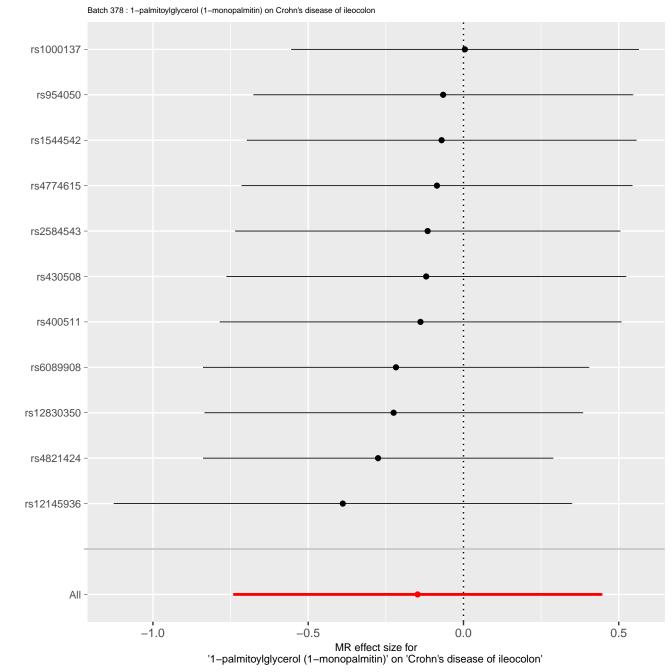


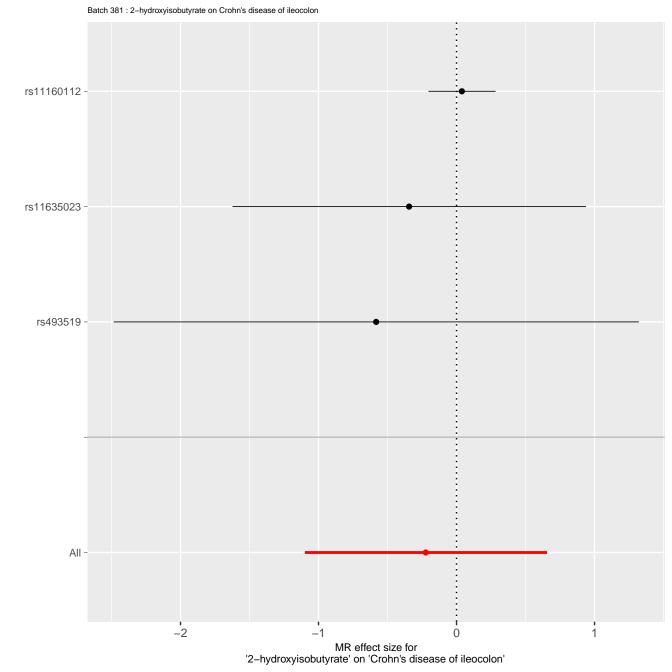


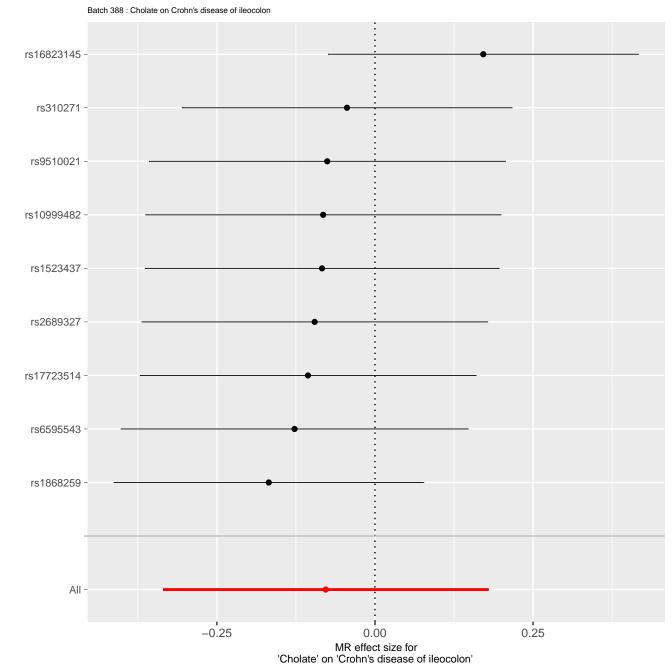


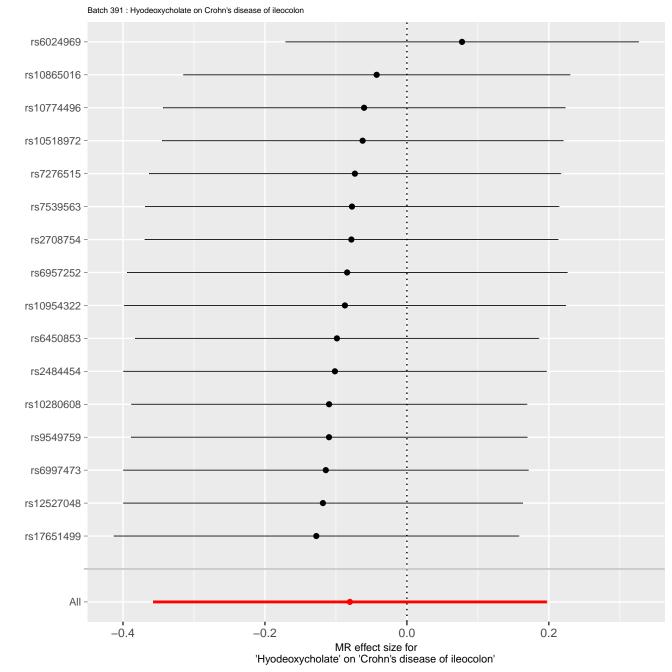


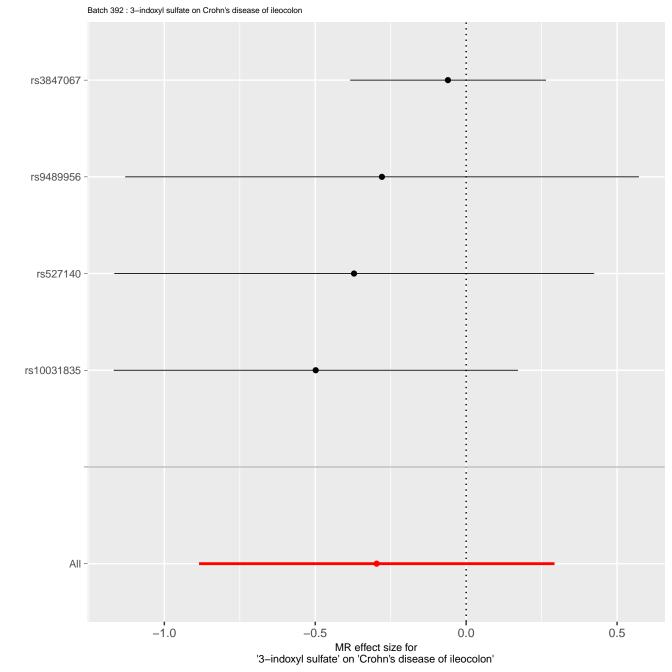


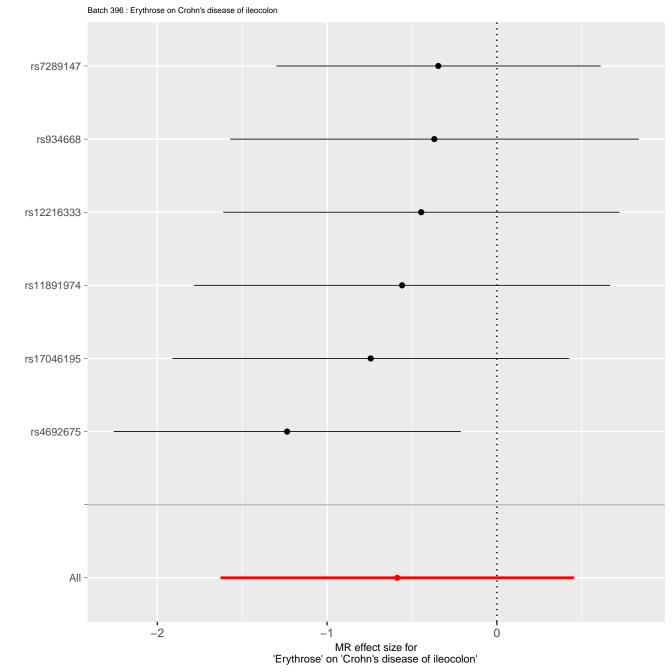


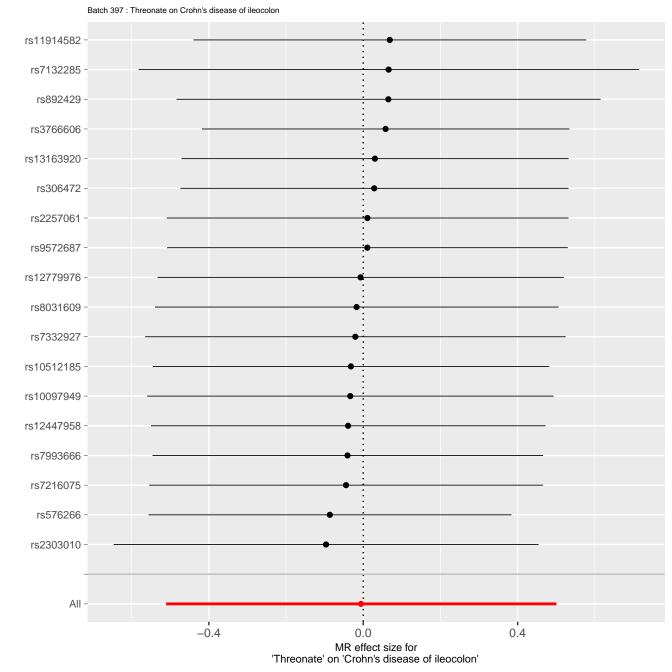


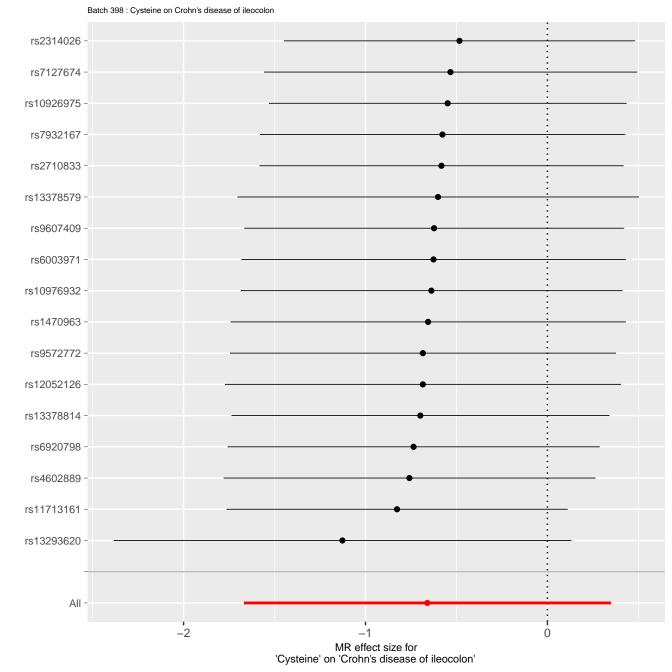


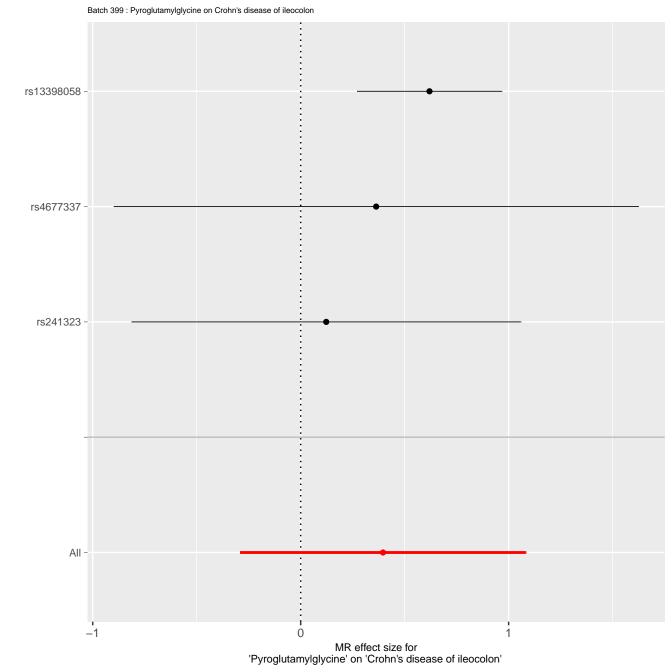


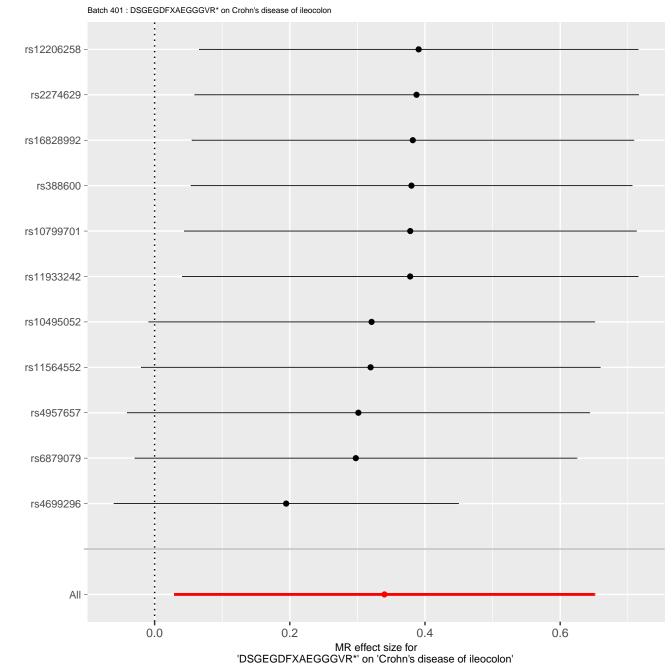


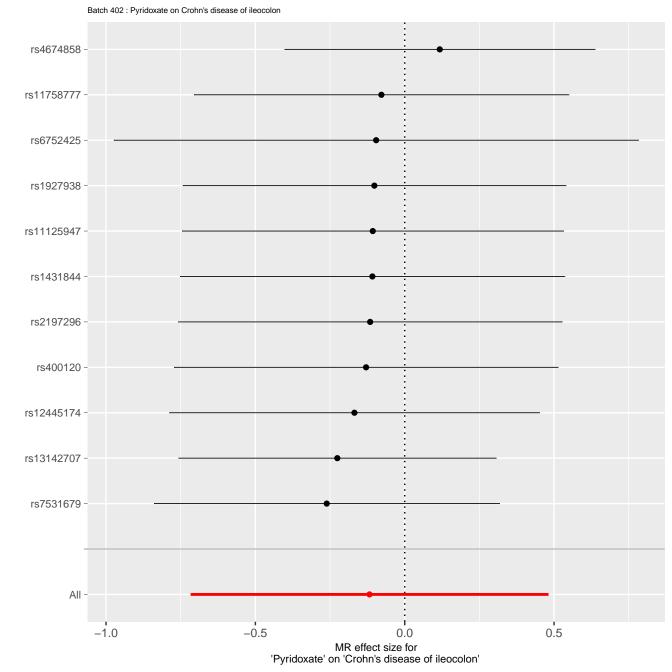


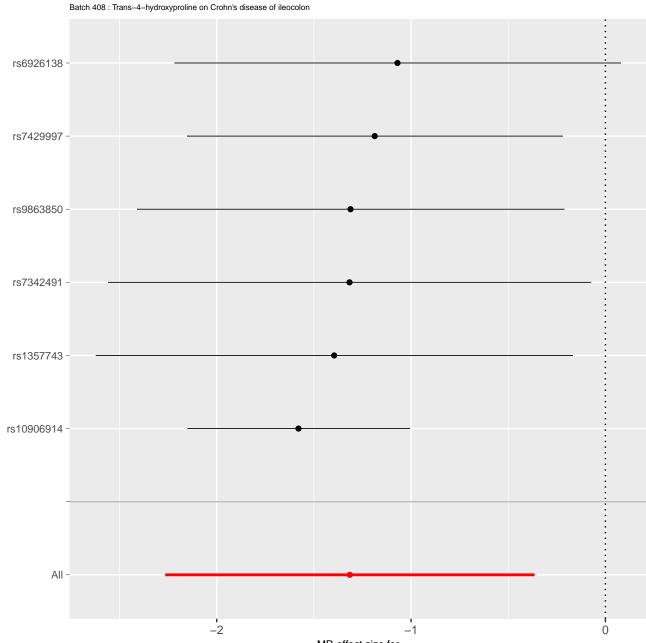




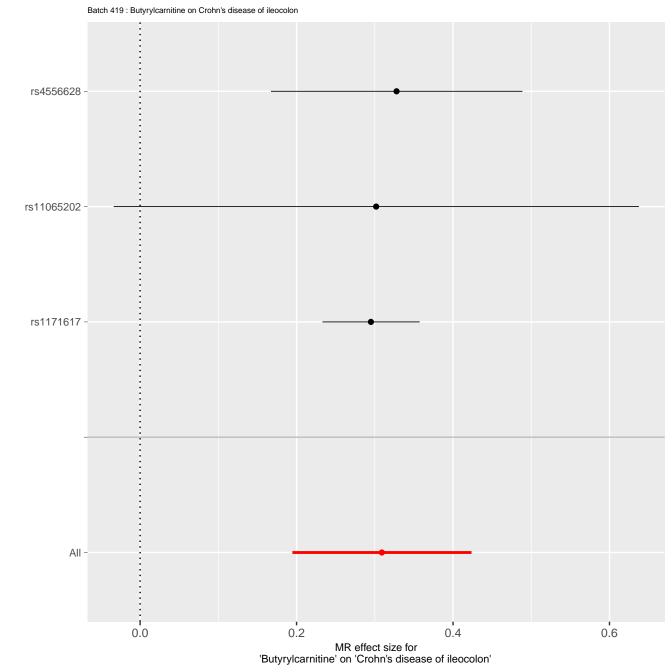






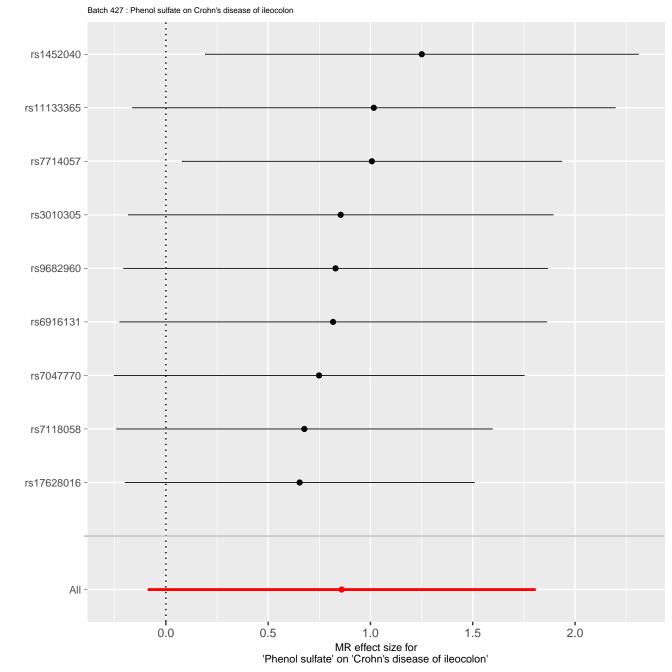


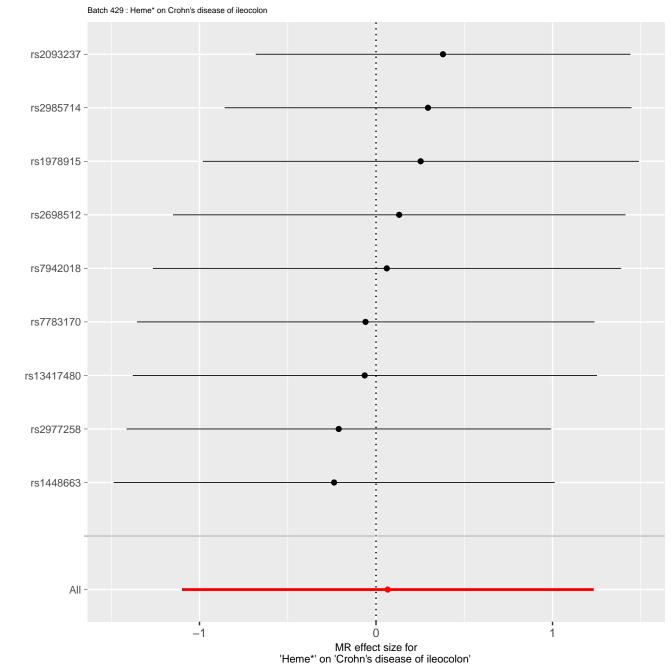
−2
MR effect size for
'Trans−4–hydroxyproline' on 'Crohn's disease of ileocolon'

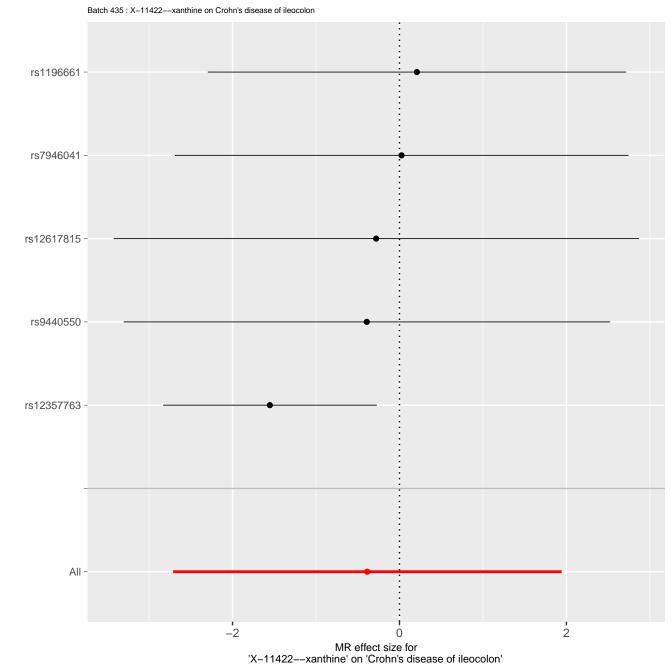


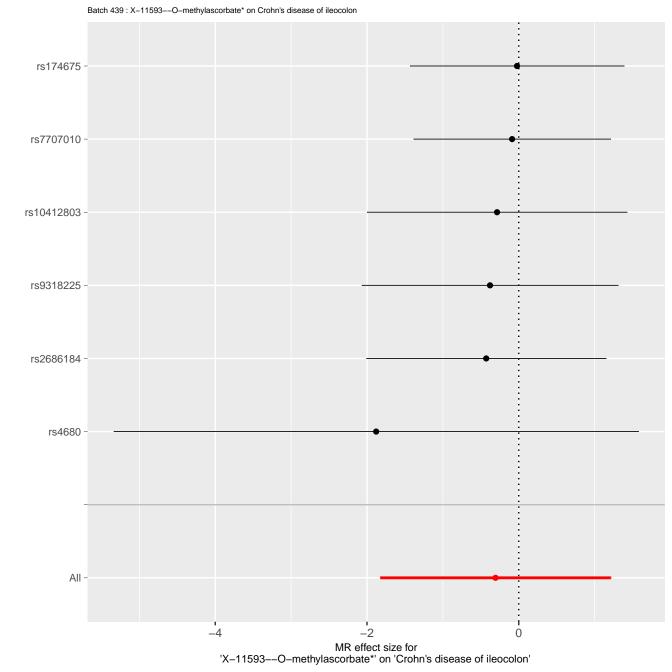
'Caproate (6:0)' on 'Crohn's disease of ileocolon'

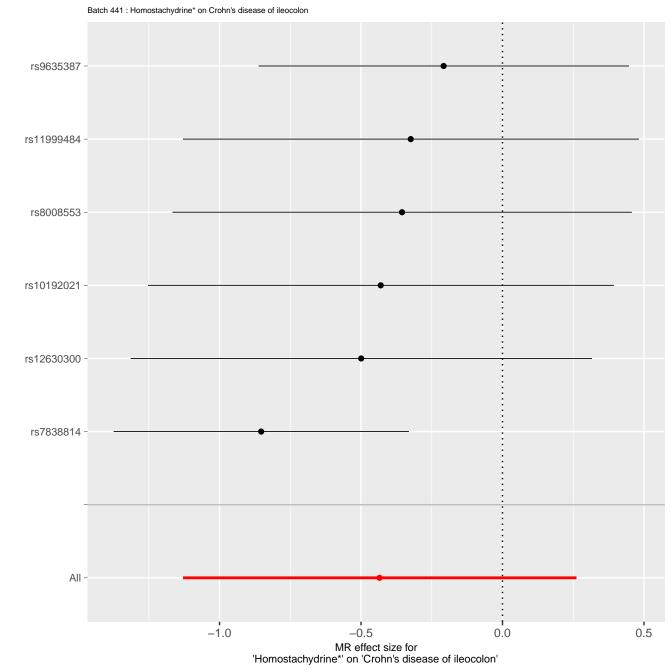
Batch 423: Caproate (6:0) on Crohn's disease of ileocolon

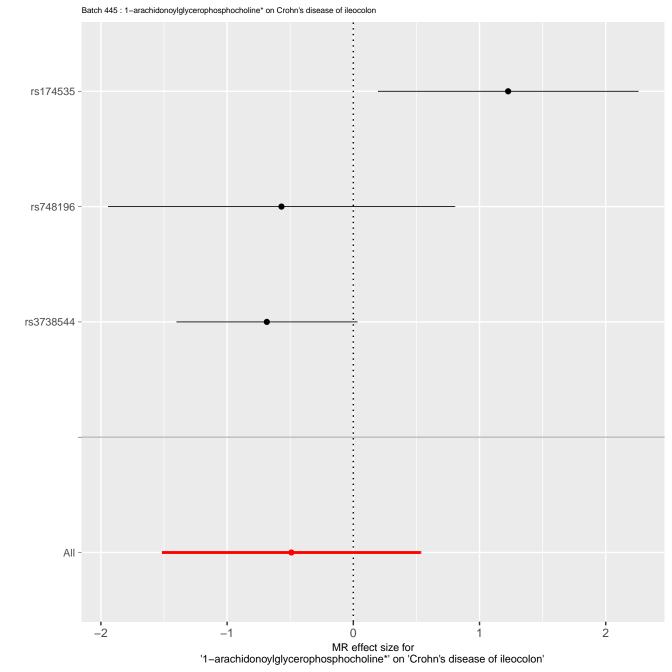


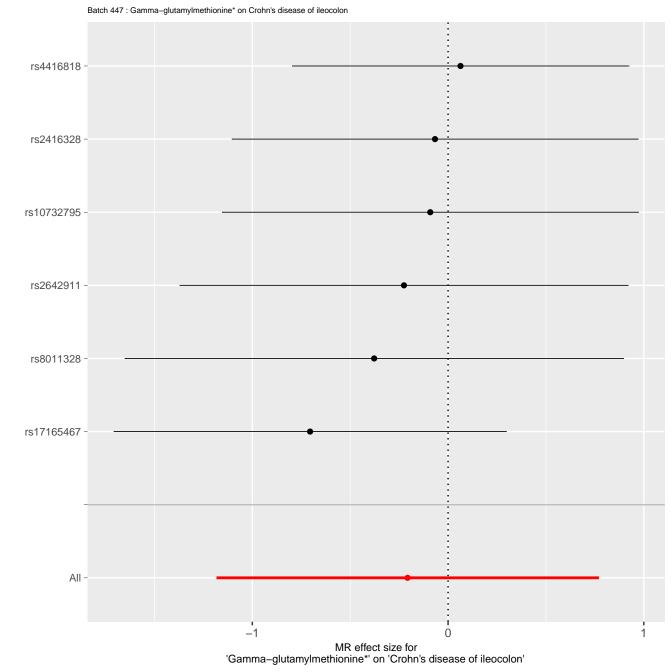




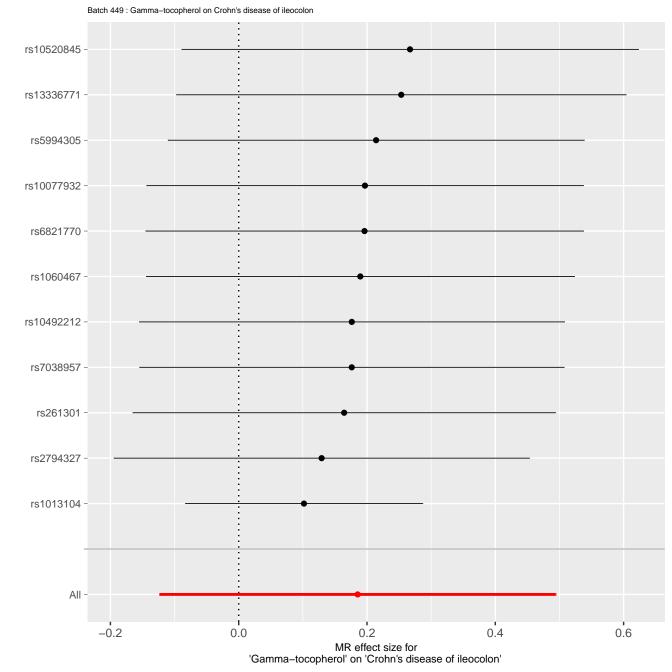


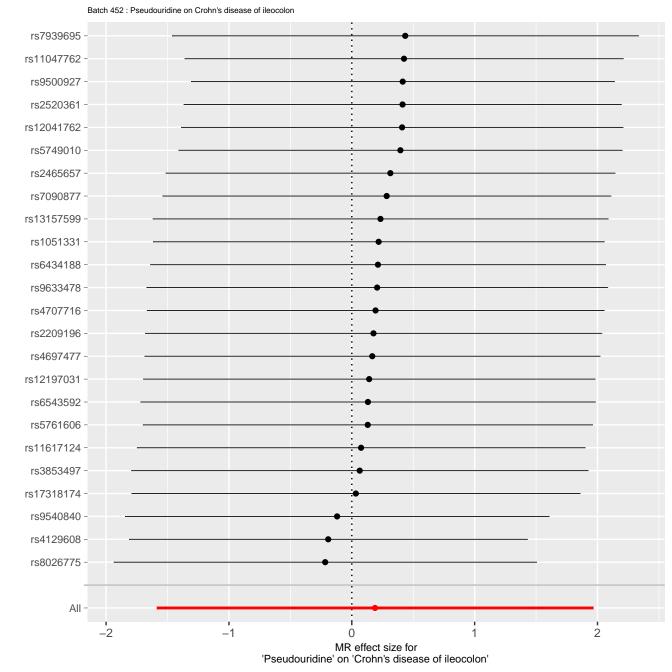


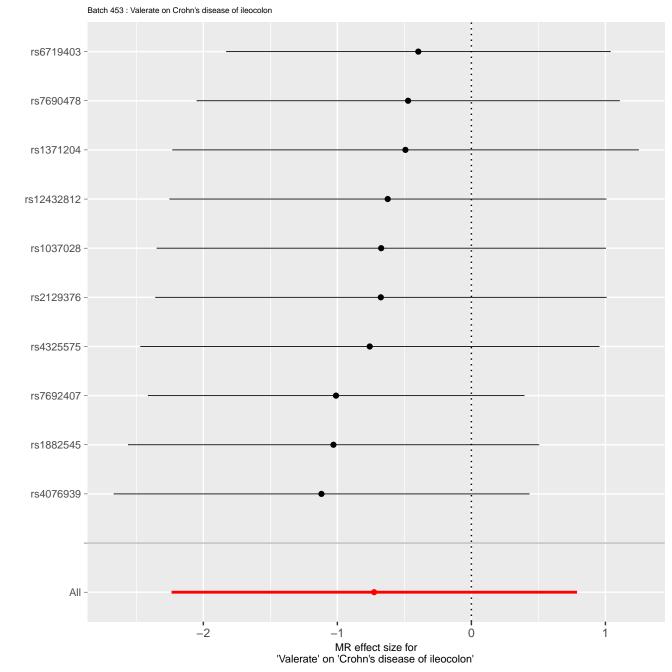


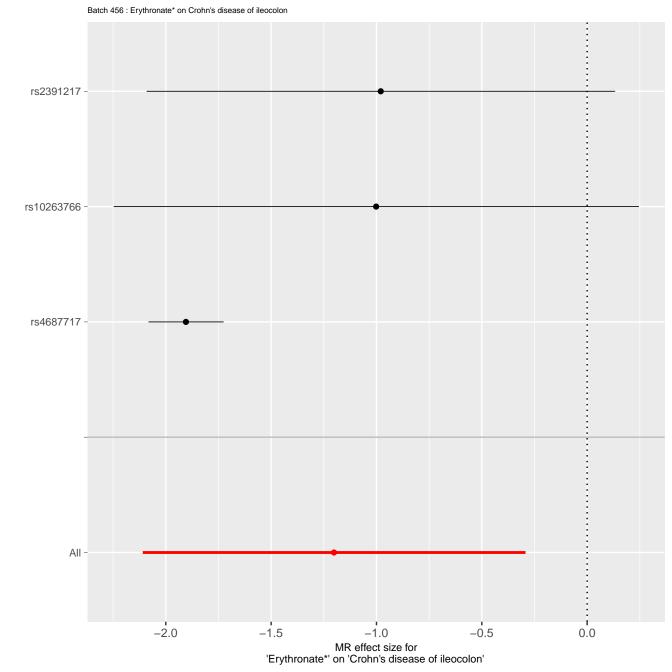


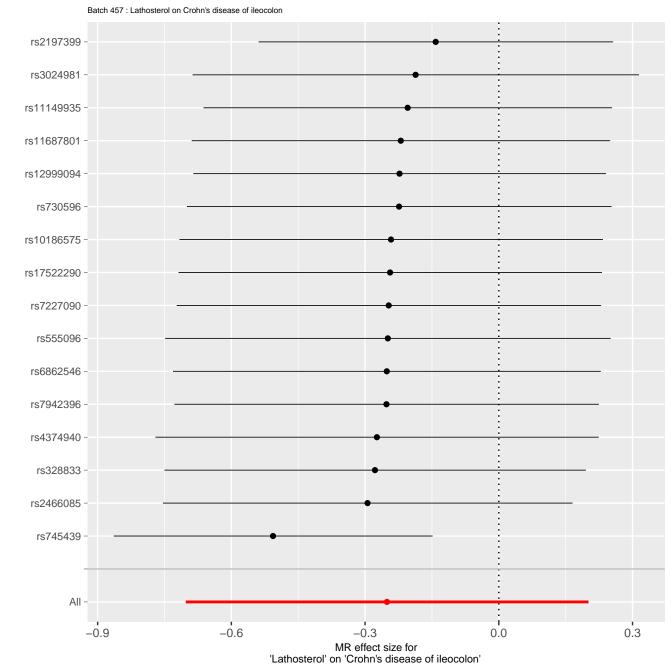
MR effect size for 'Gamma-glutamylthreonine\*' on 'Crohn's disease of ileocolon'

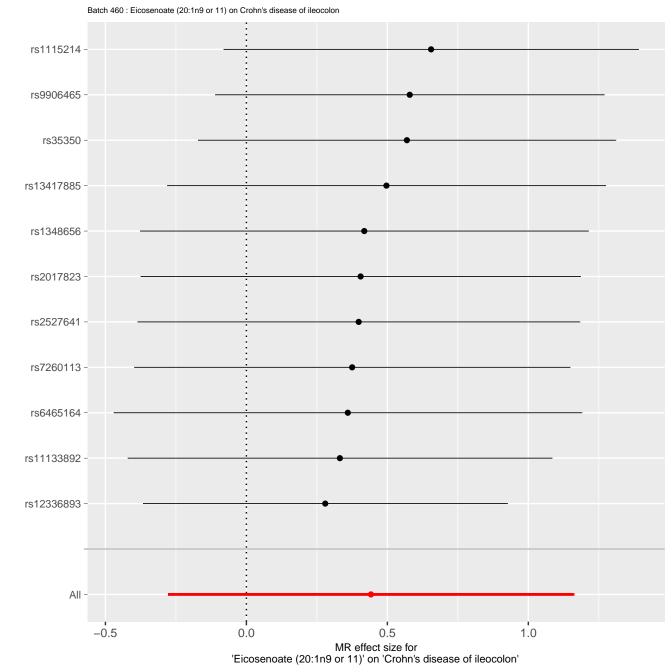


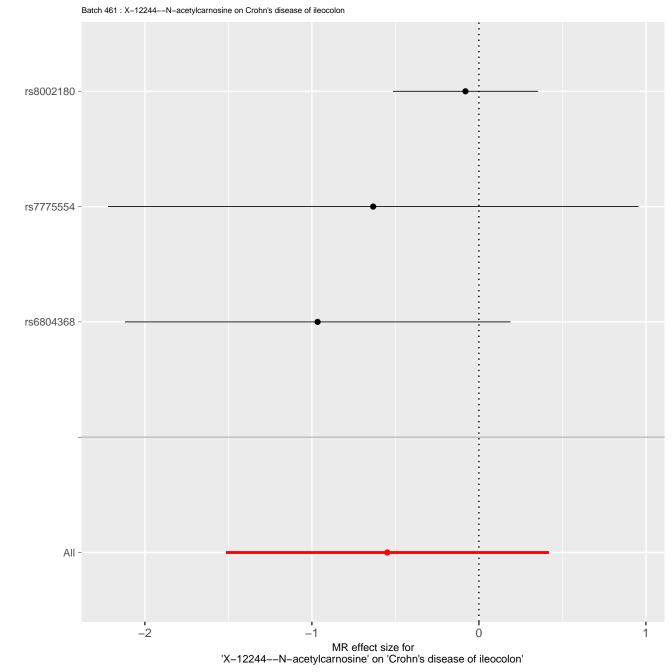


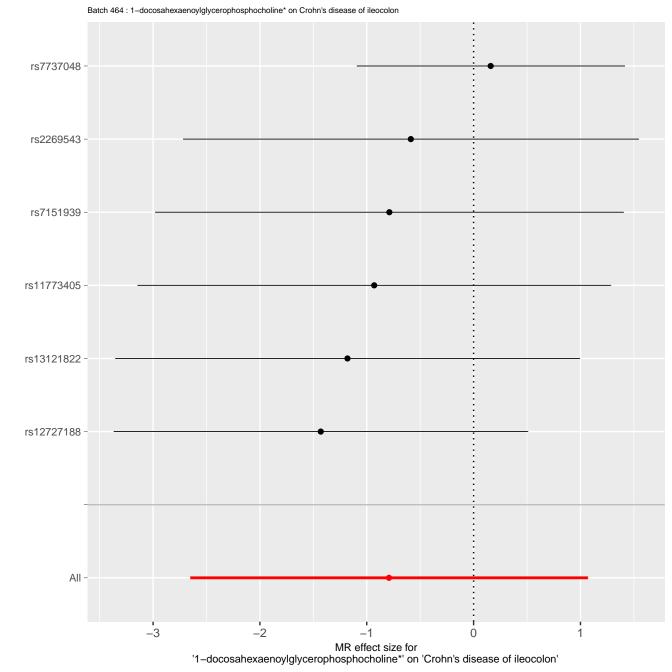


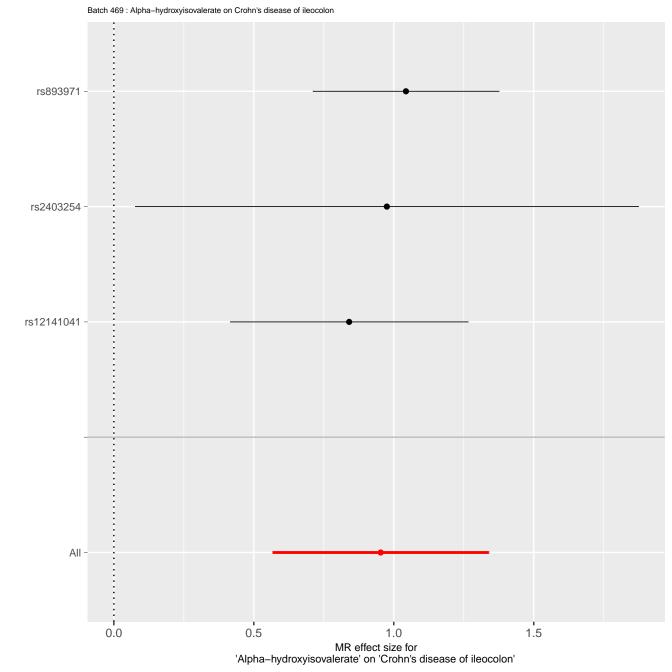


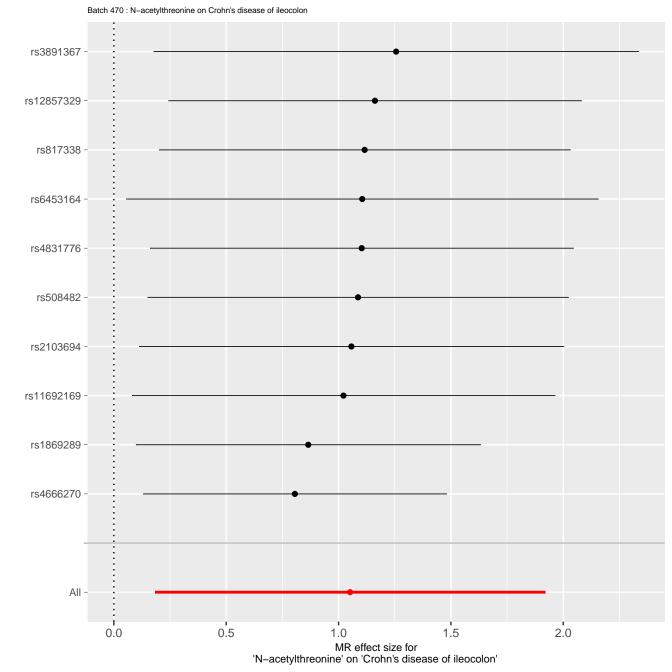


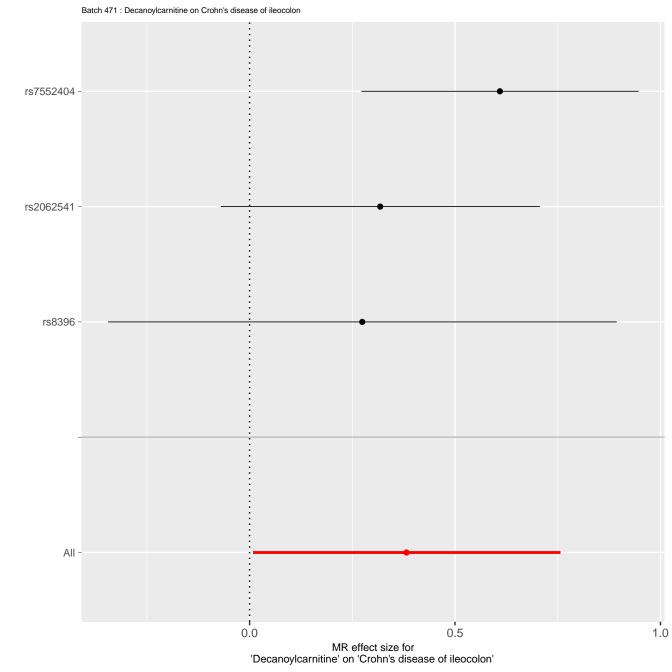


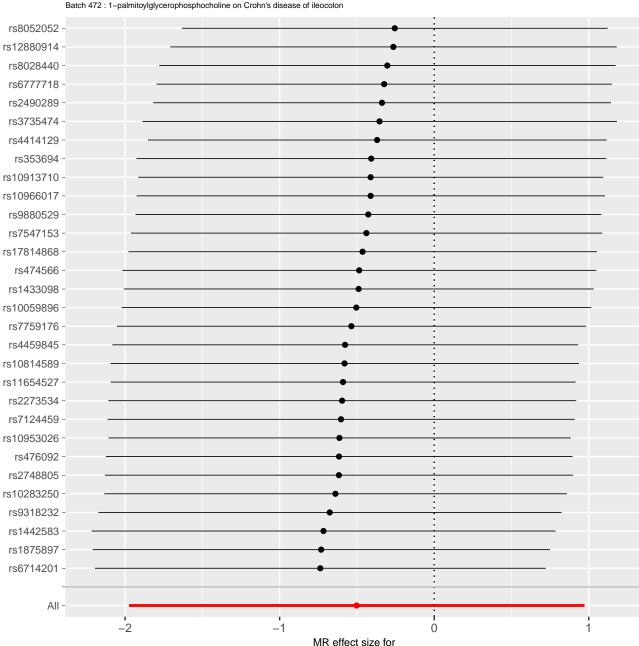




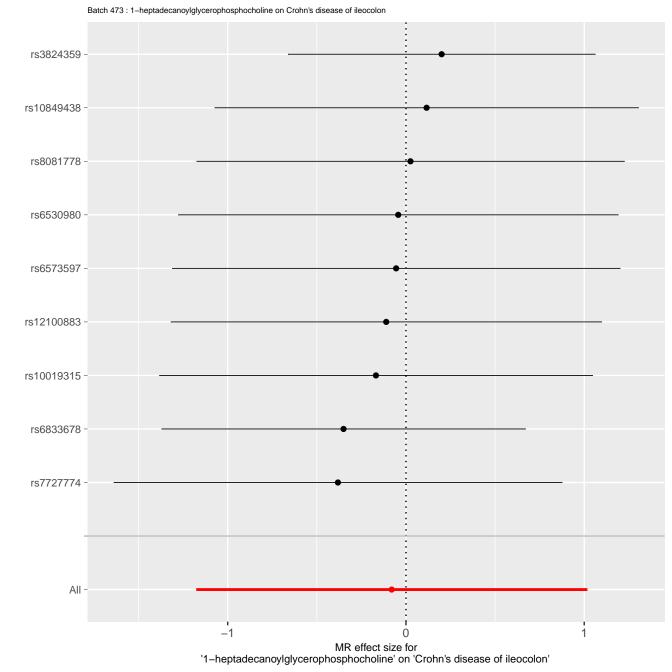


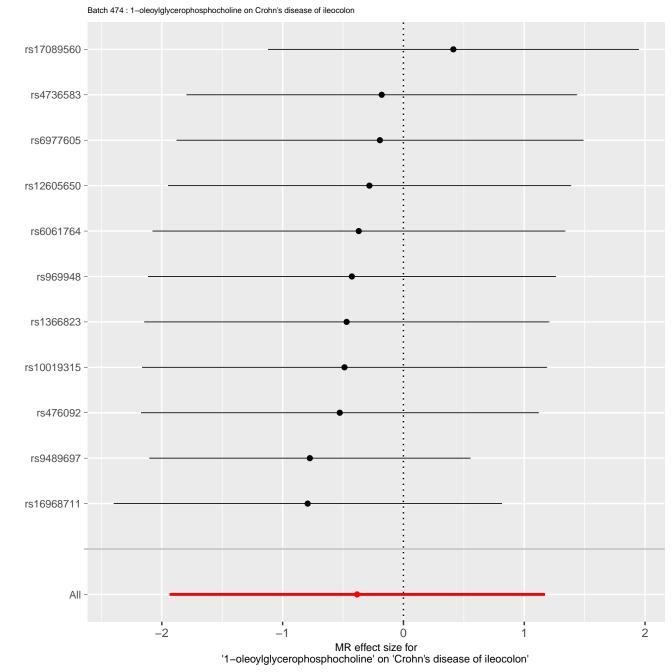


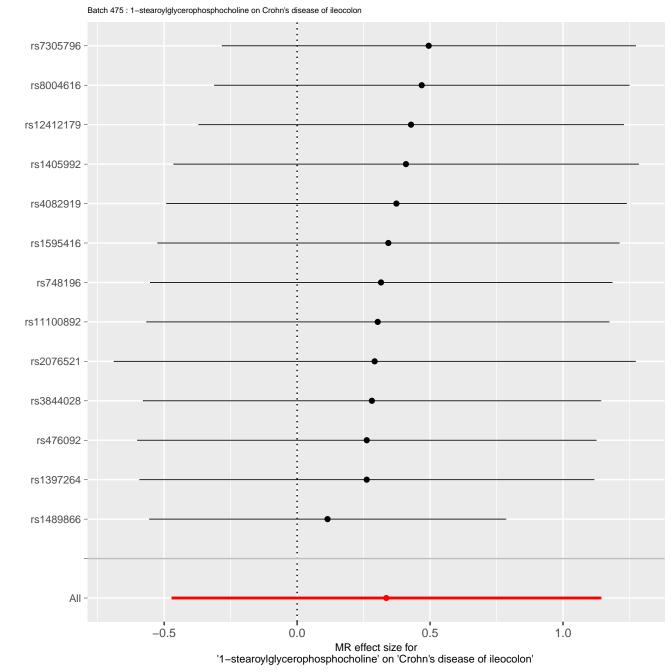


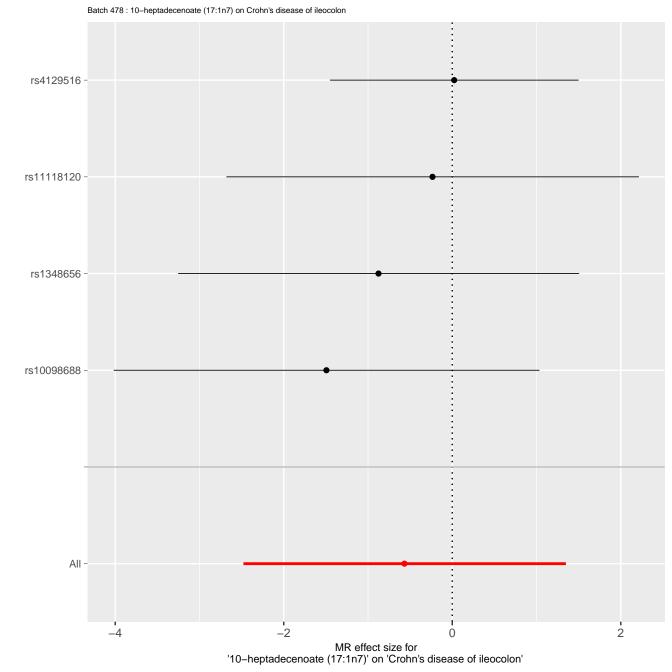


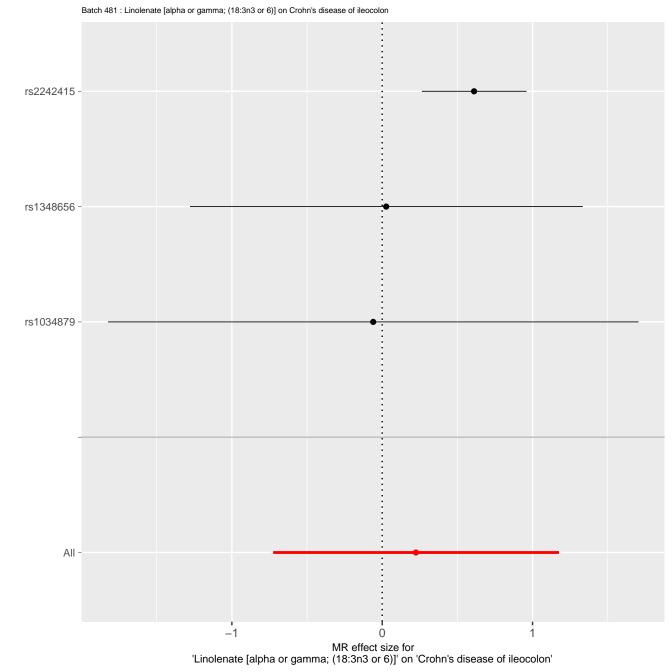
'1-palmitoylglycerophosphocholine' on 'Crohn's disease of ileocolon'

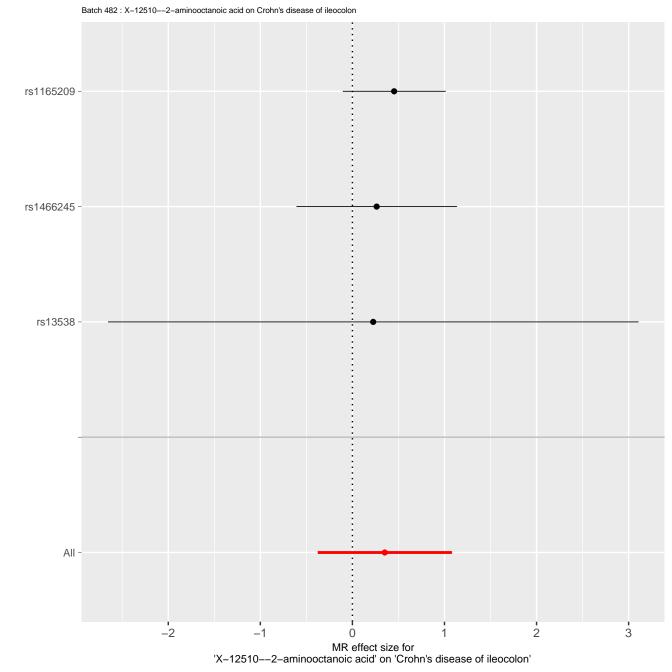


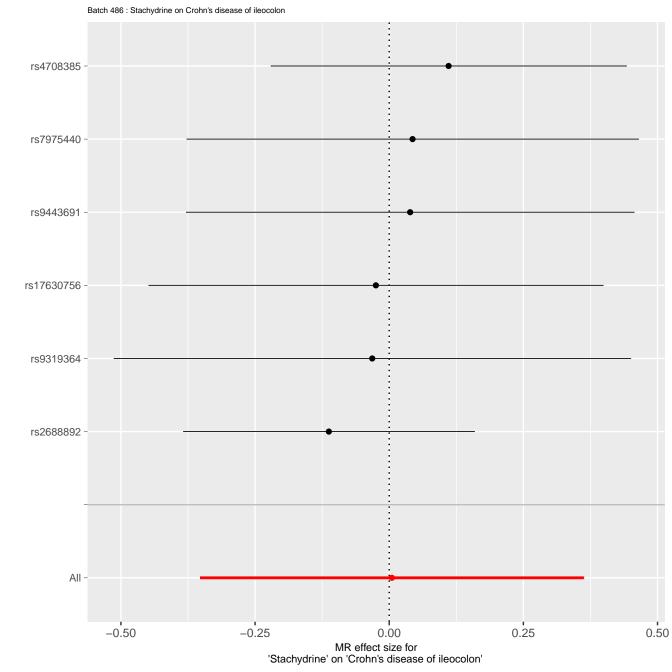


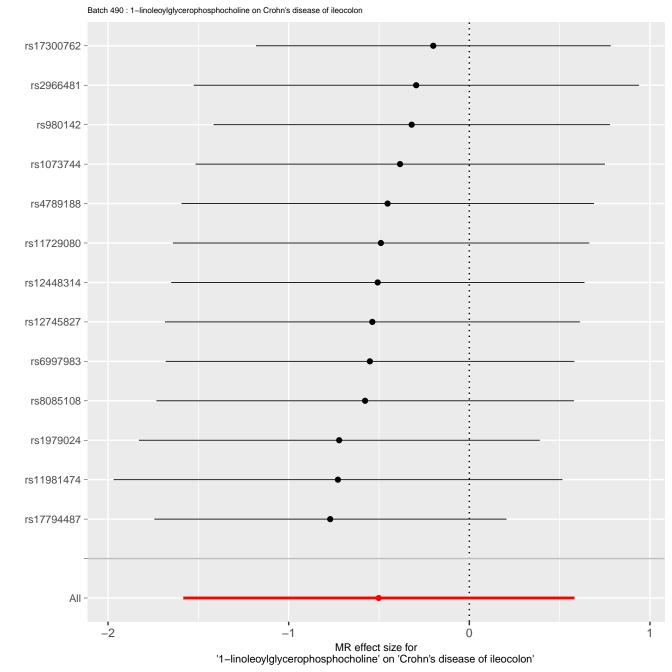


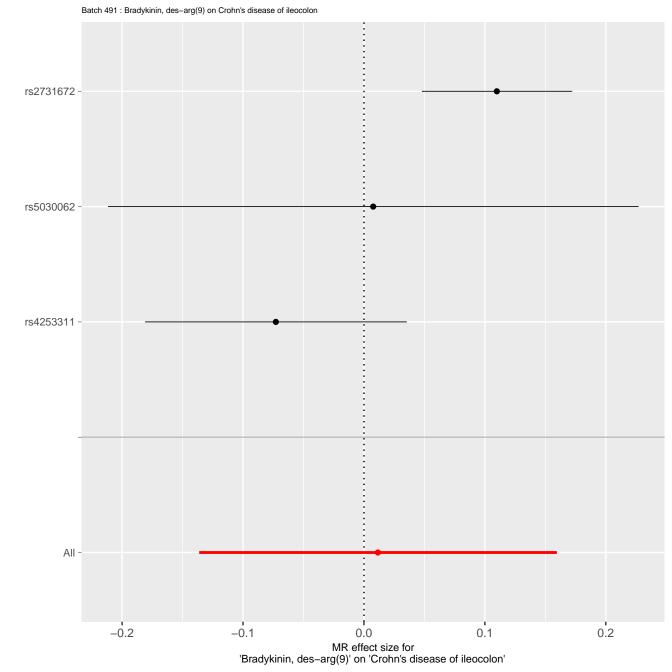


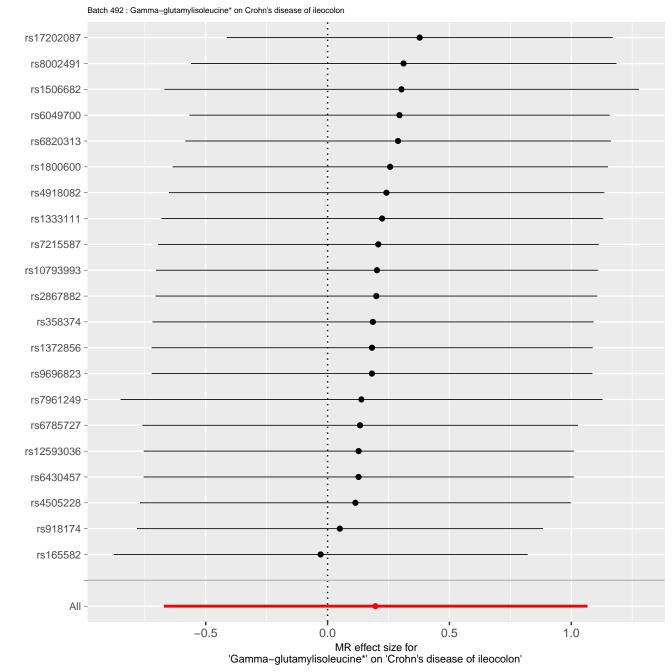


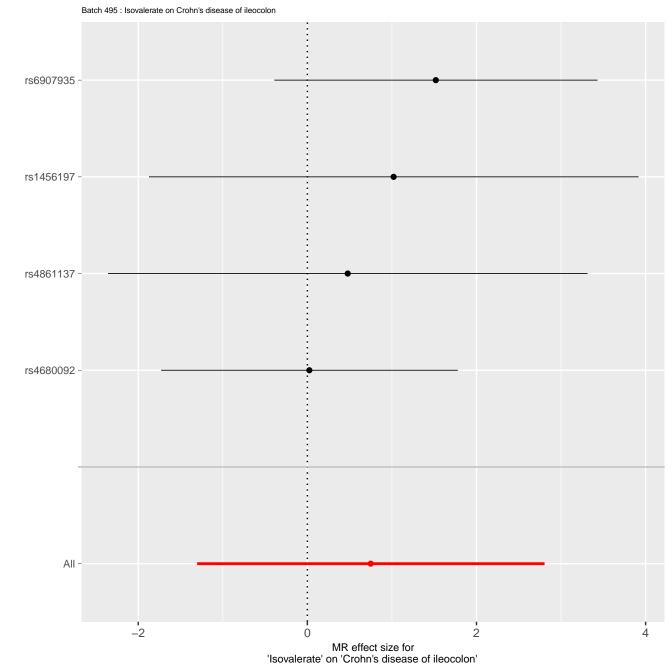


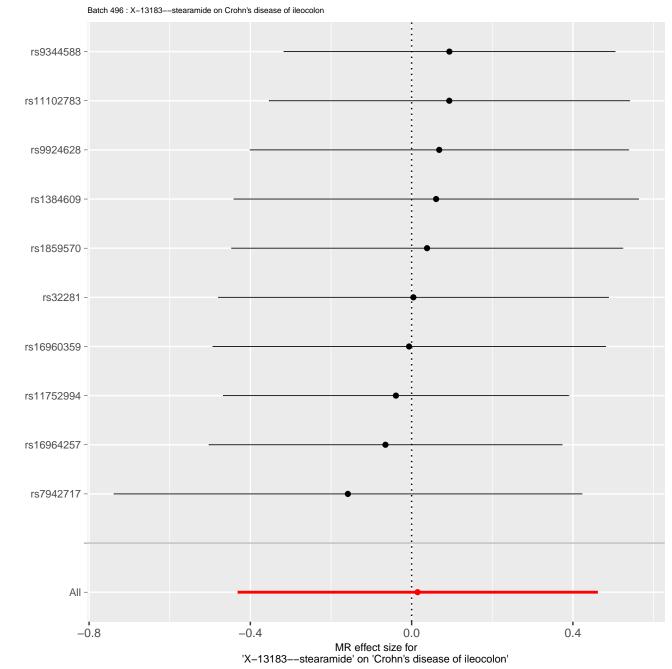


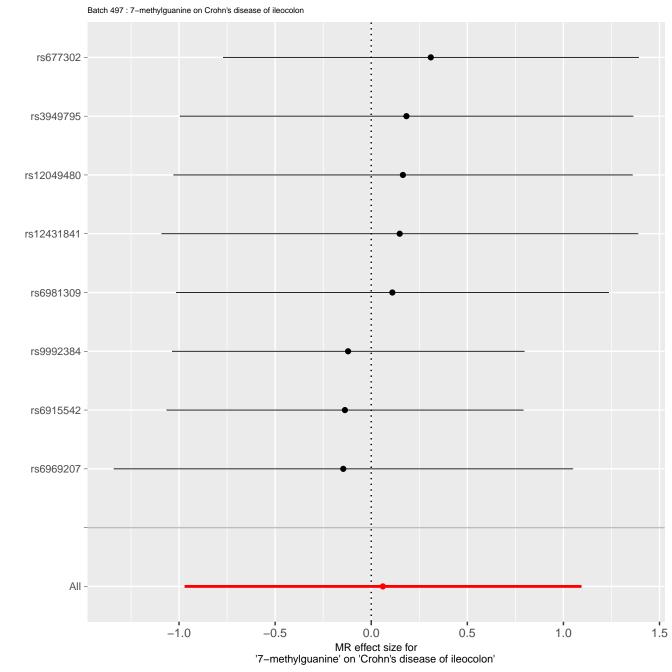


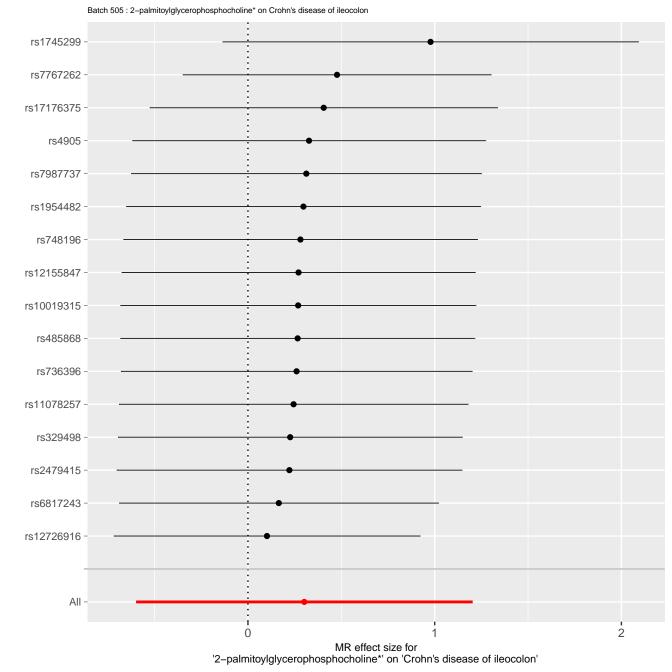


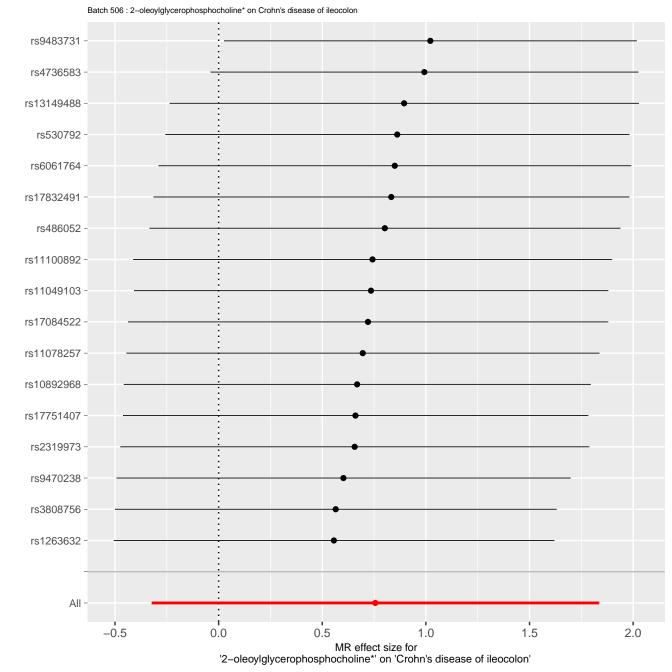


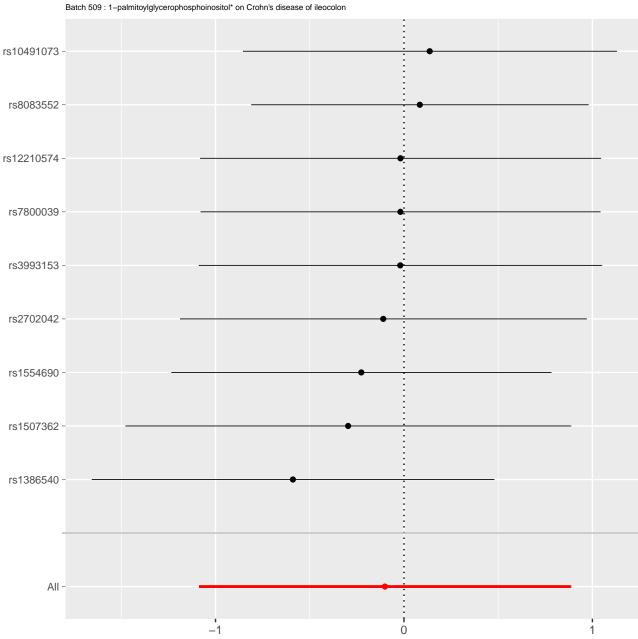




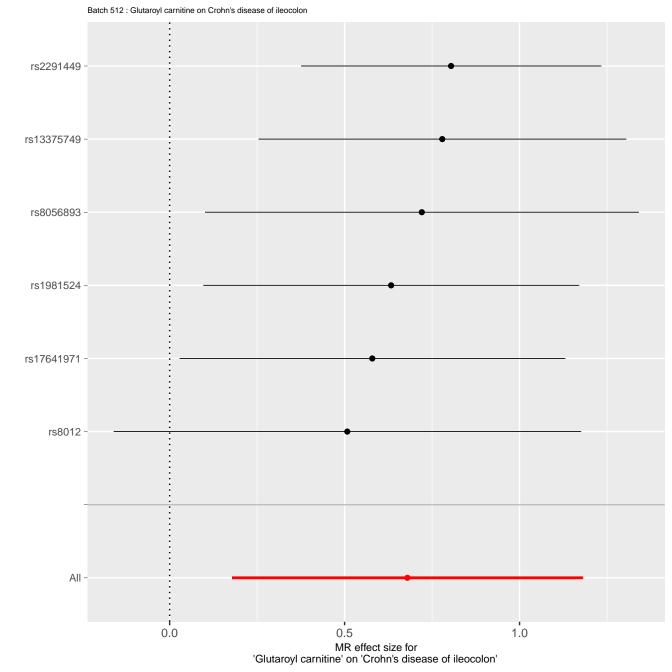


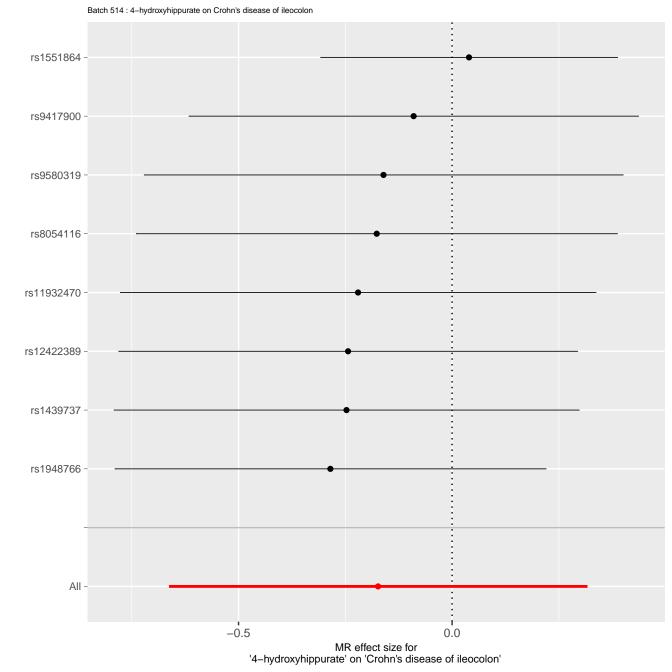


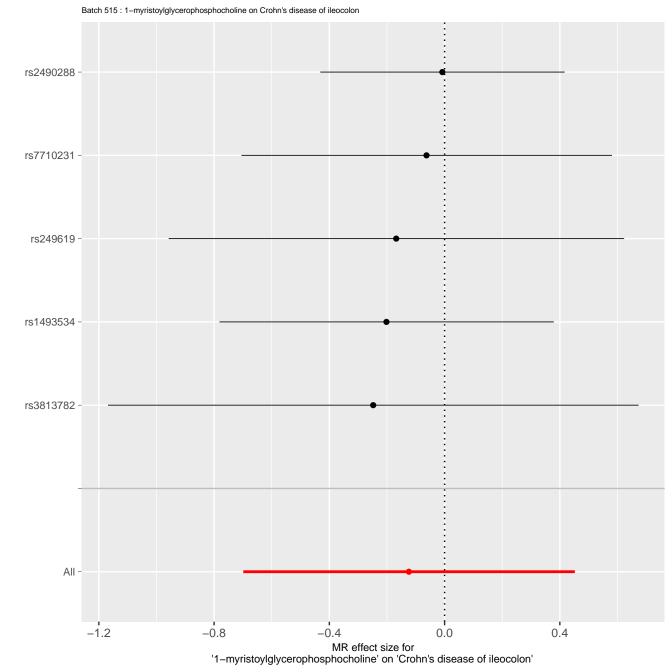


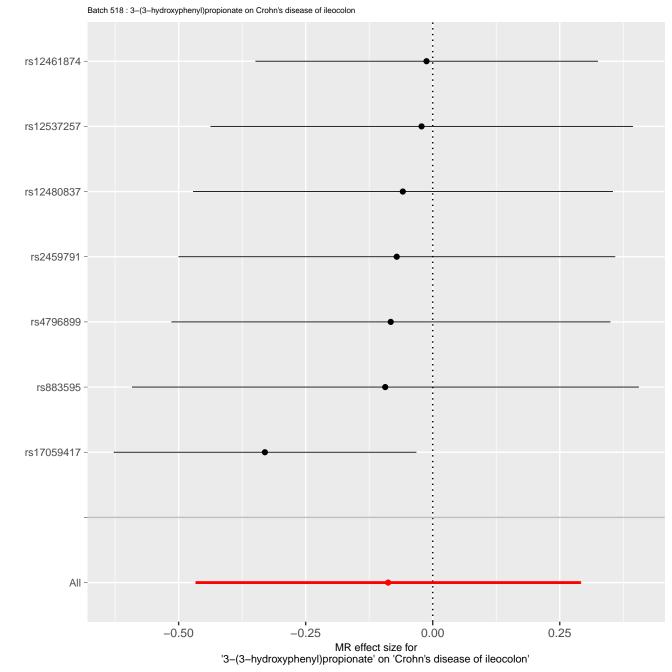


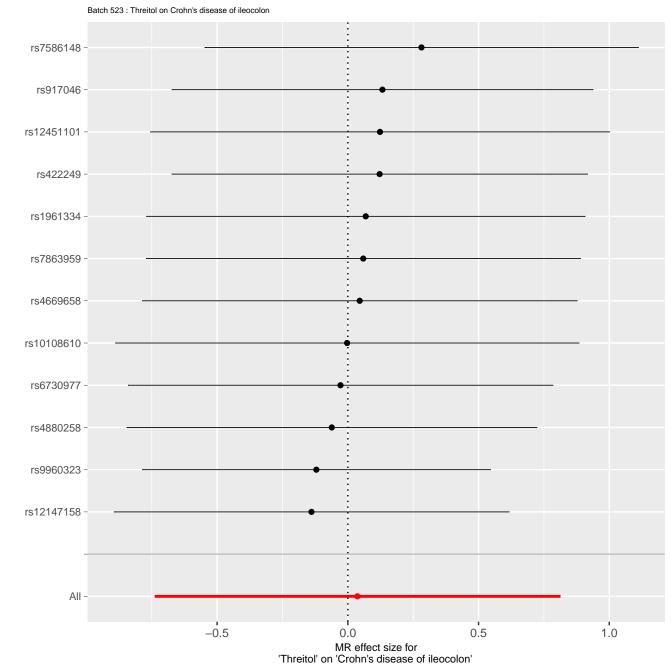
MR effect size for '1–palmitoylglycerophosphoinositol\*' on 'Crohn's disease of ileocolon'

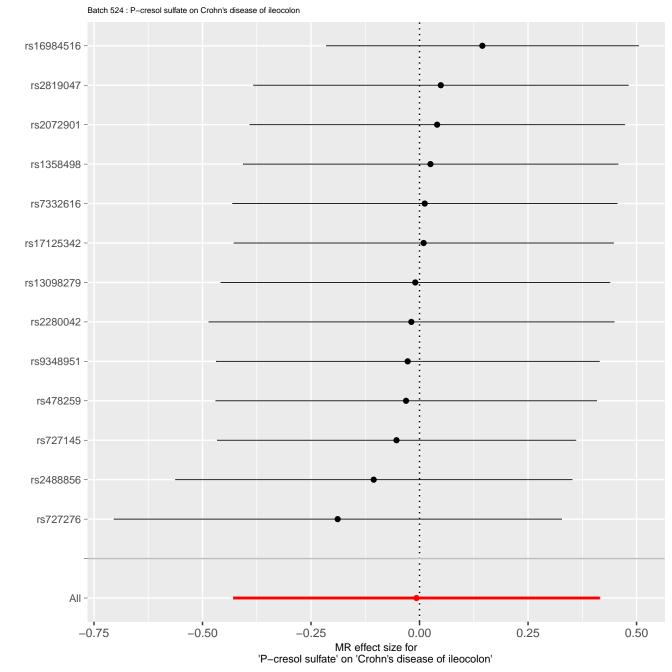


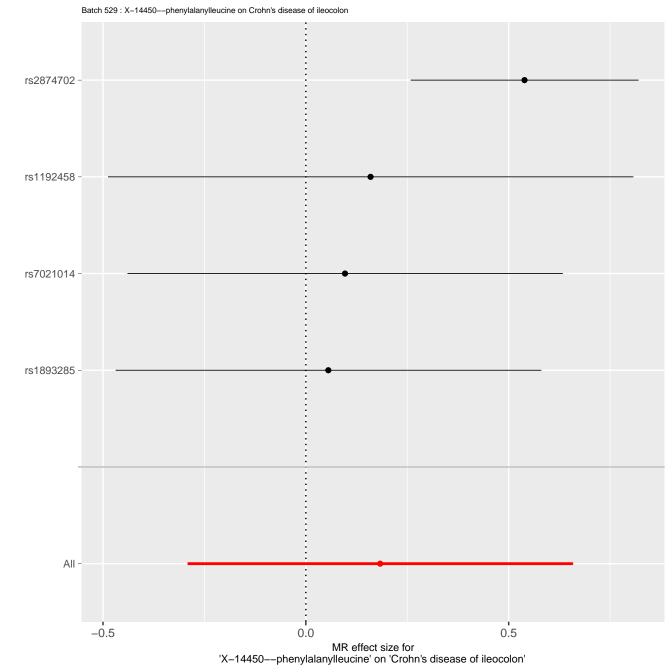


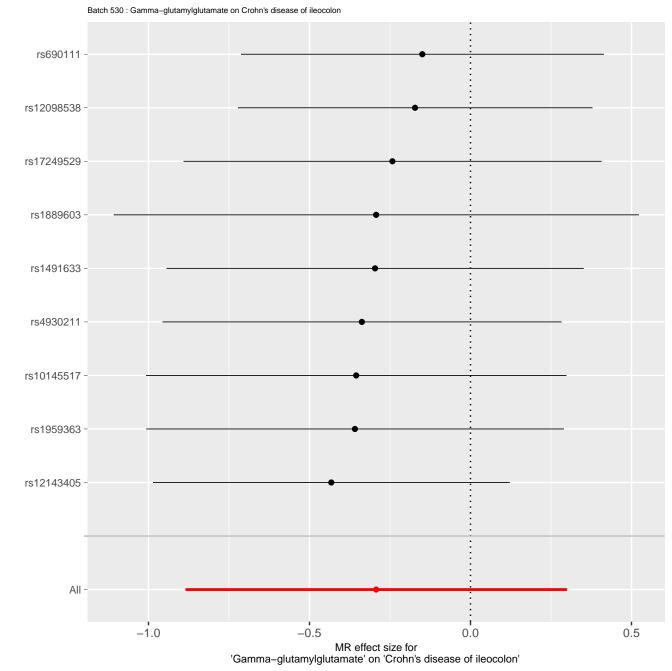


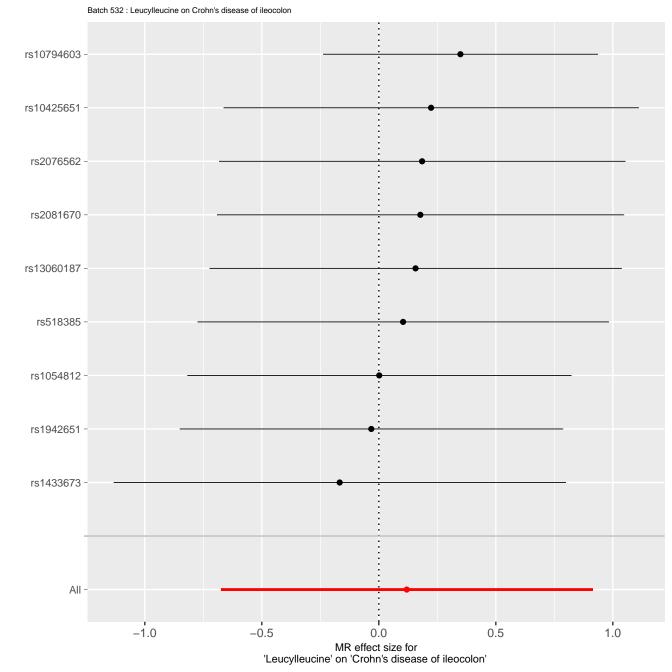


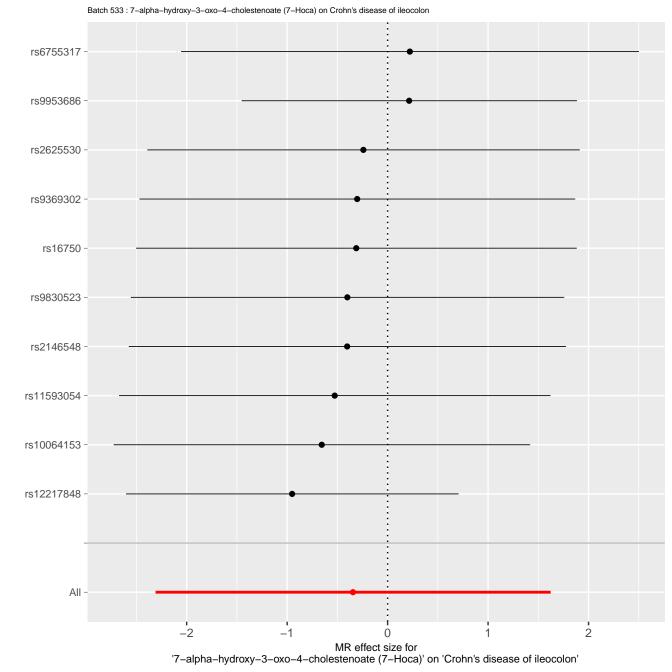


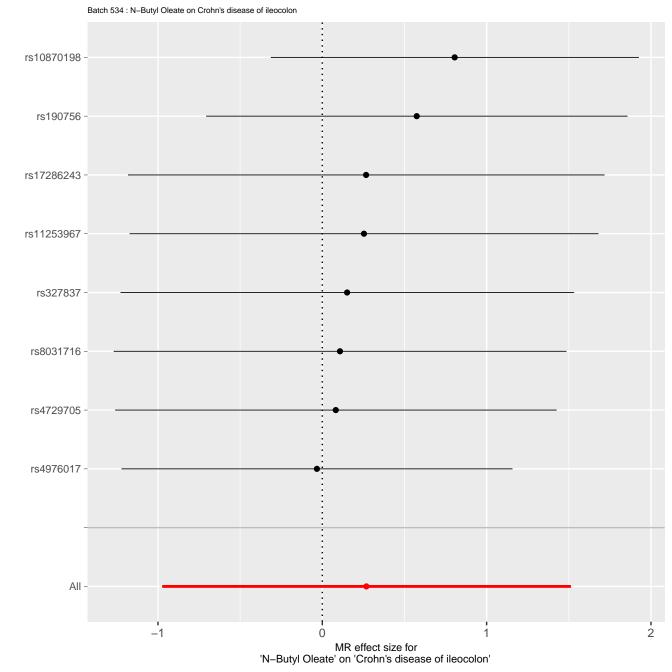


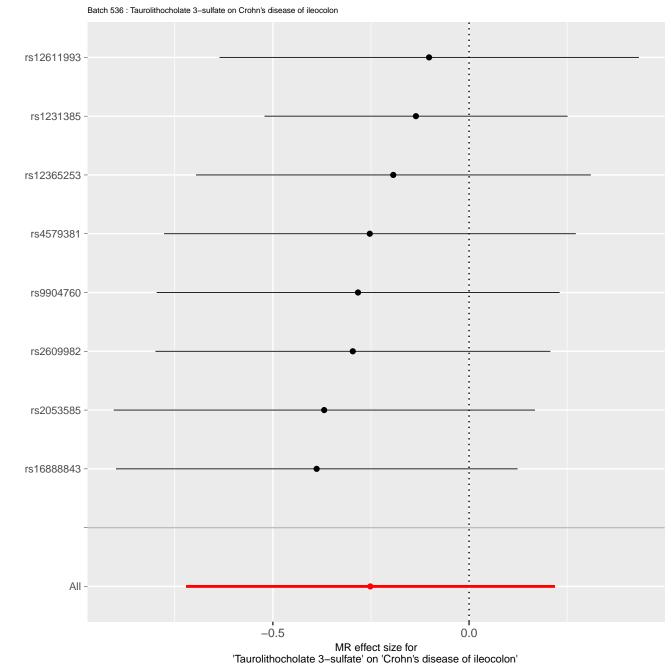


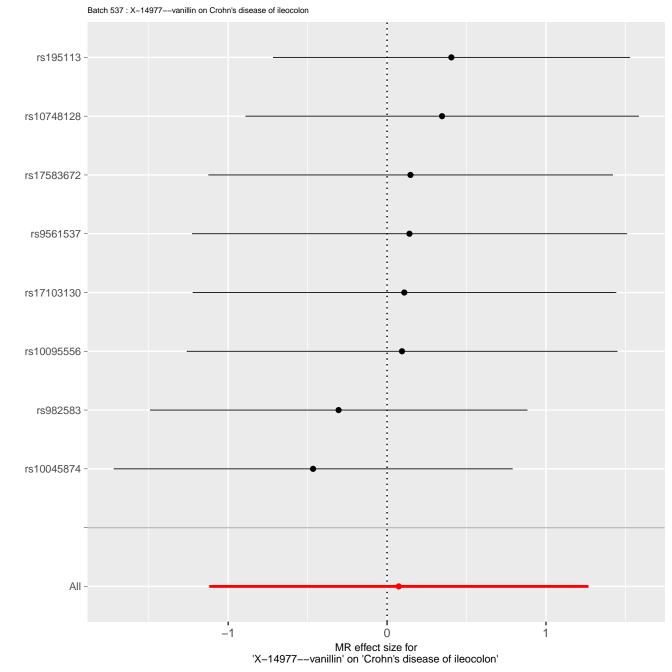


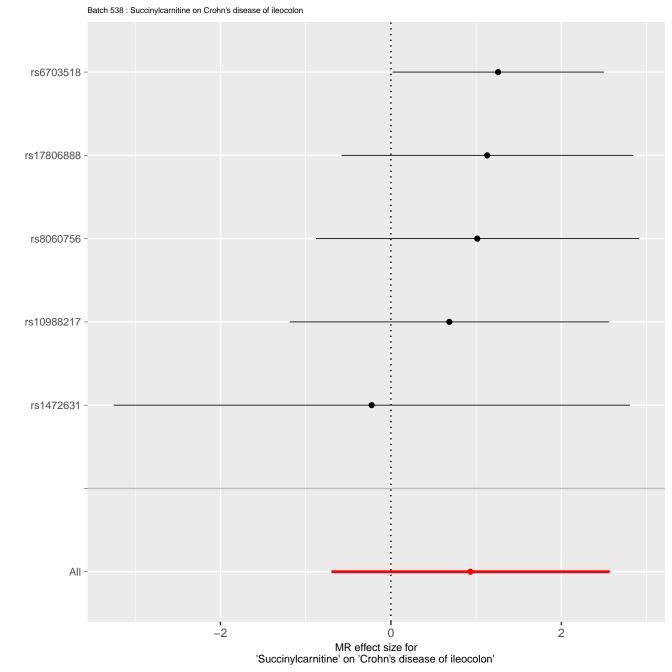


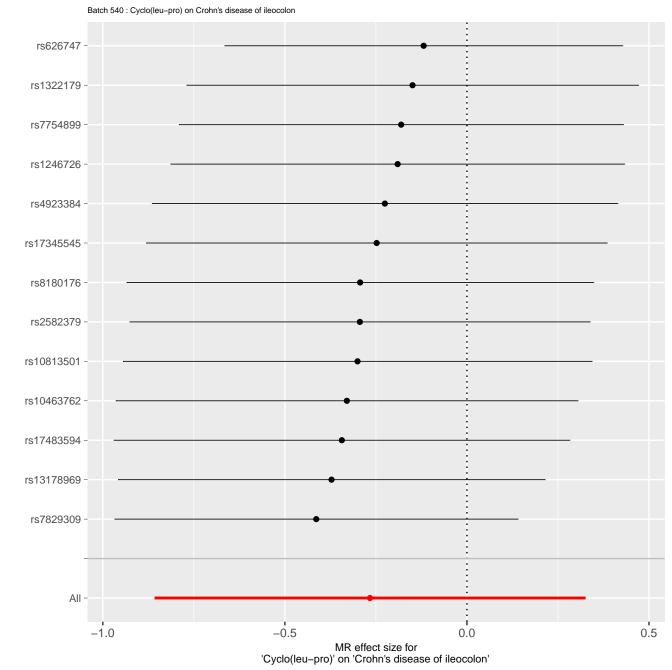


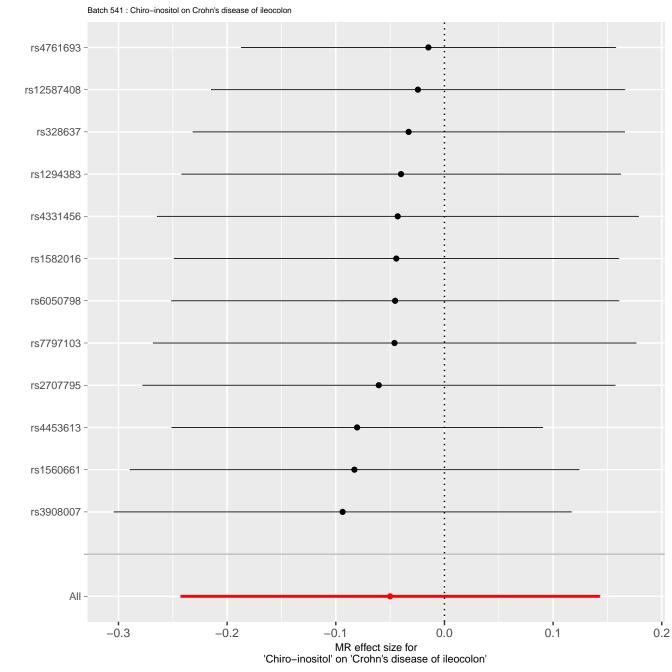


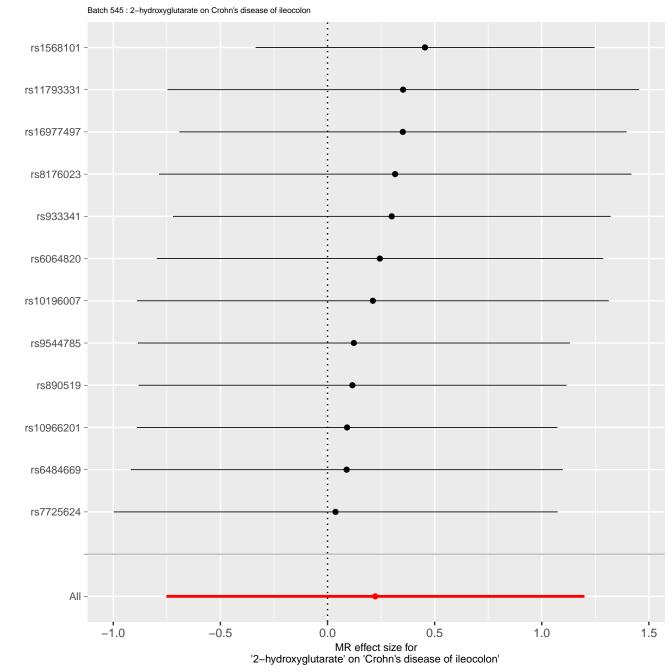


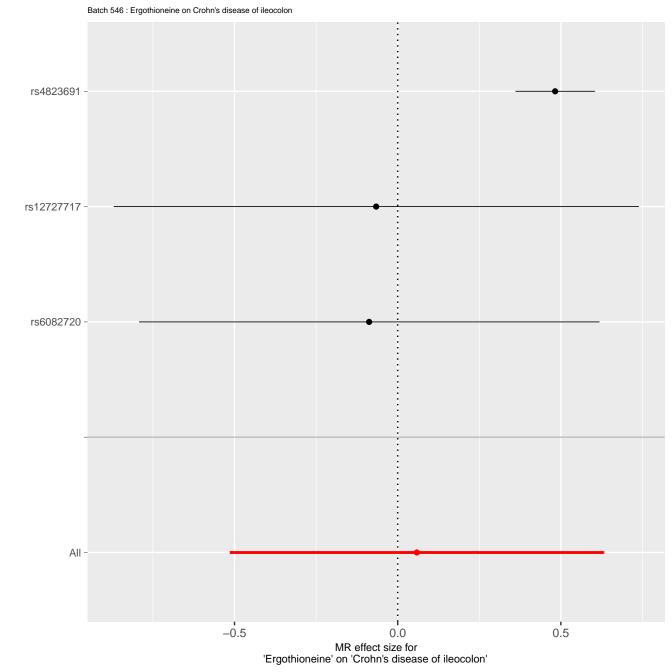


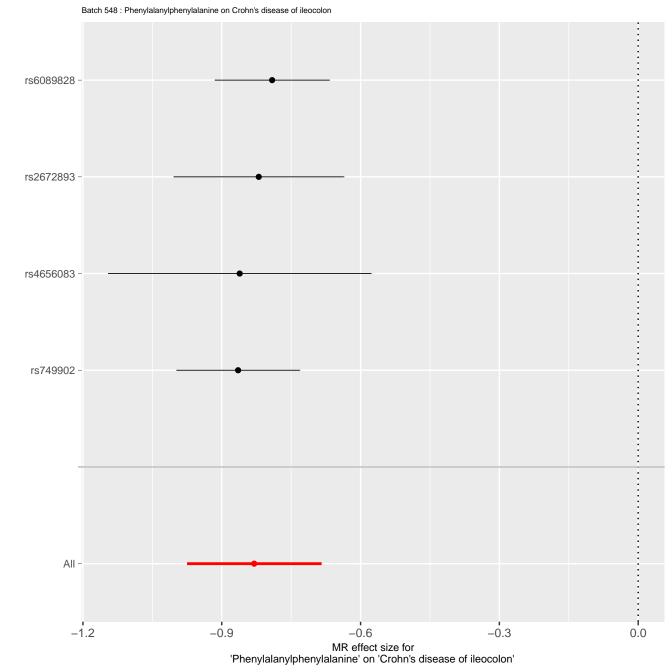


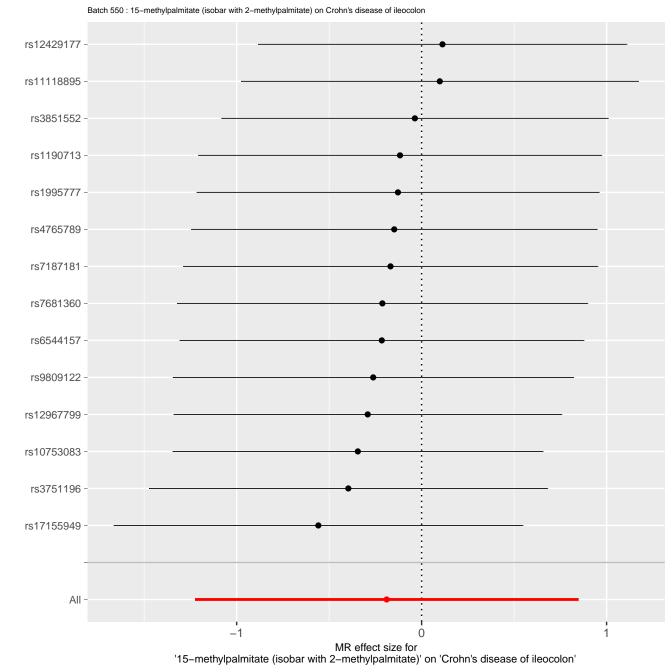


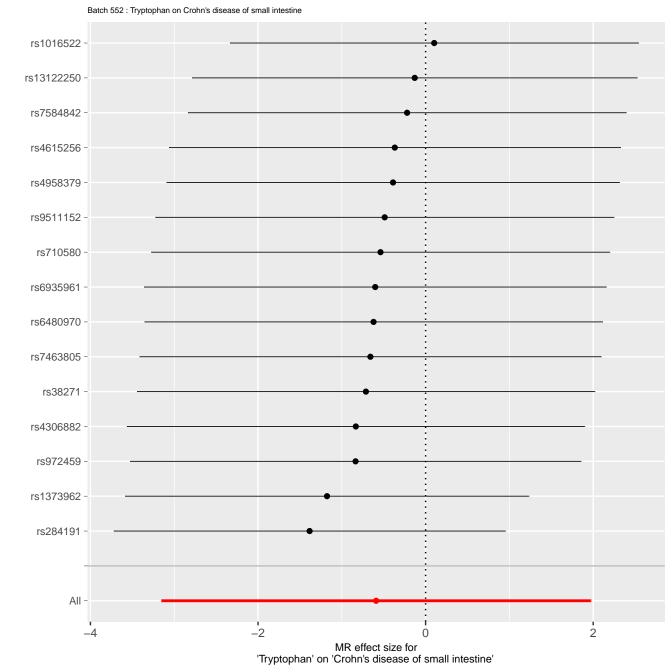


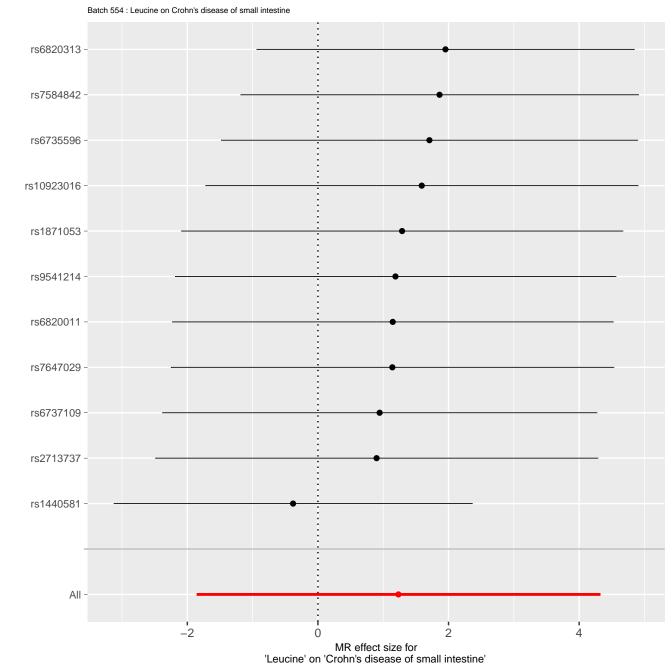


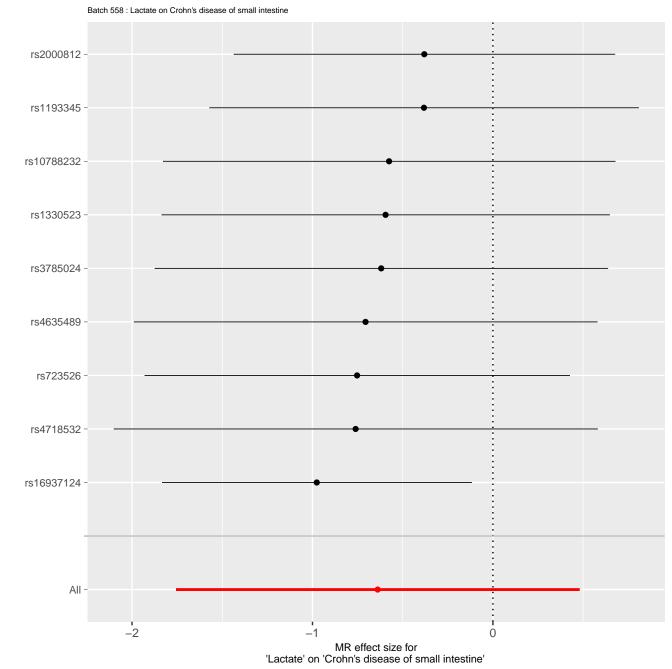


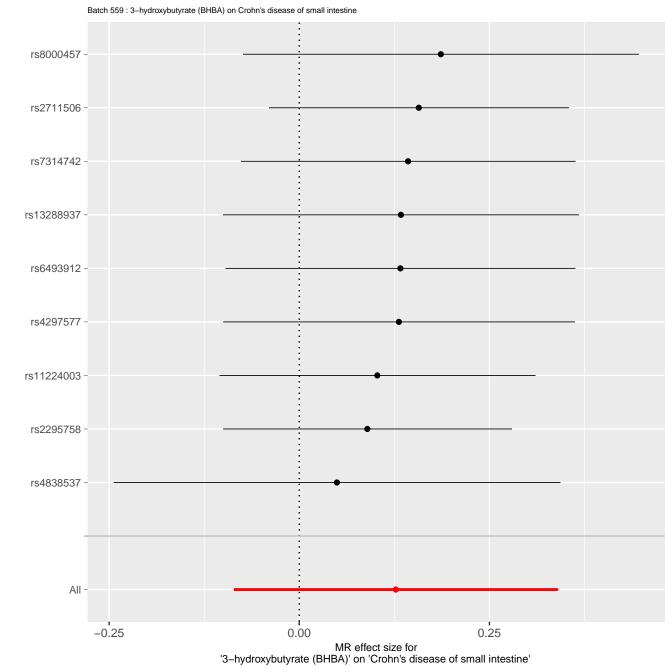


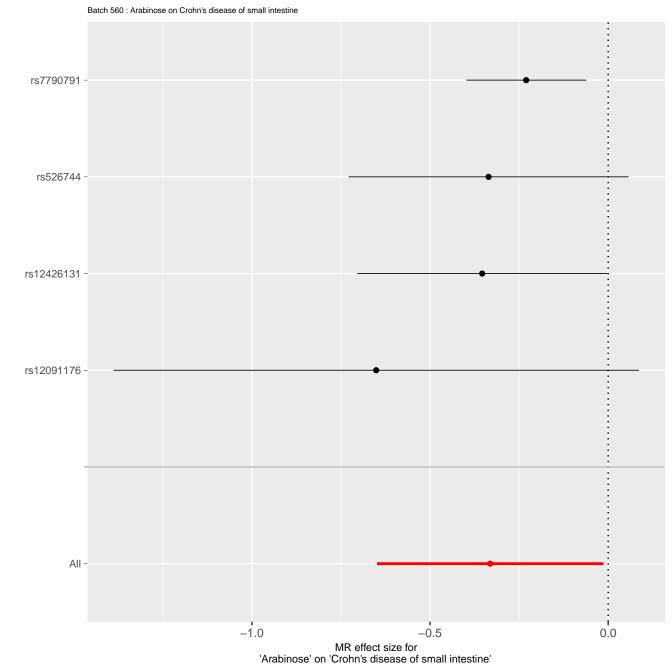


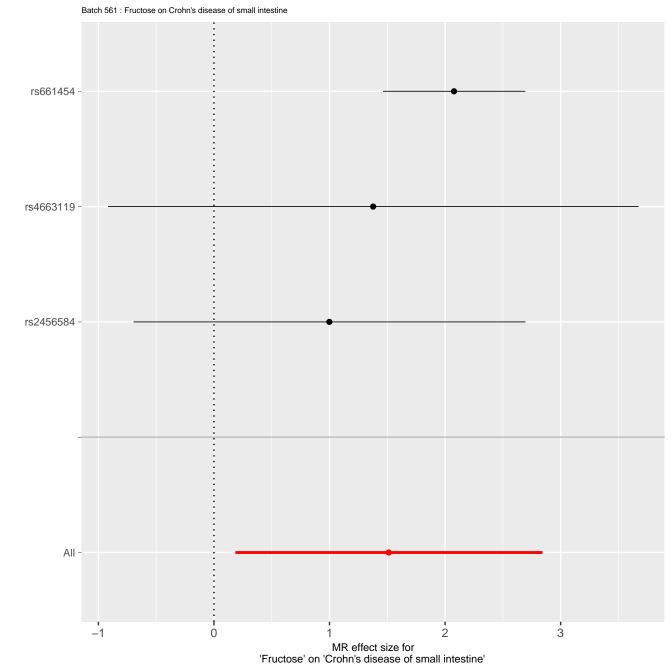


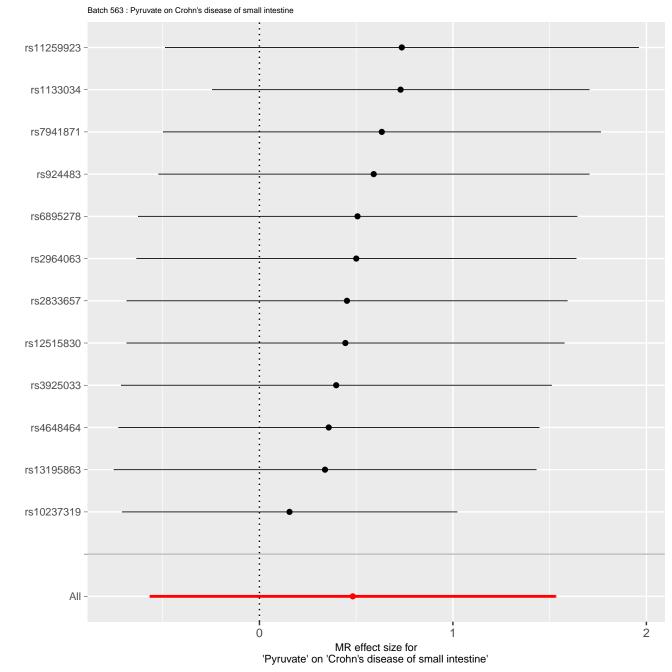


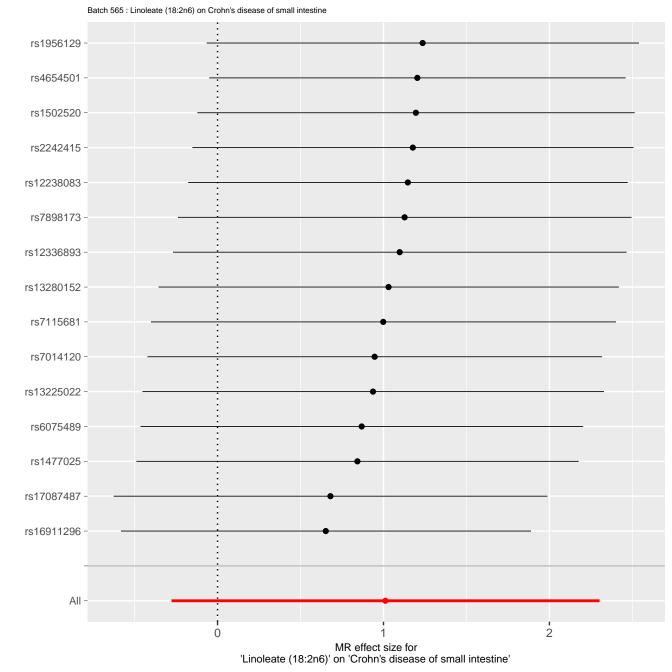


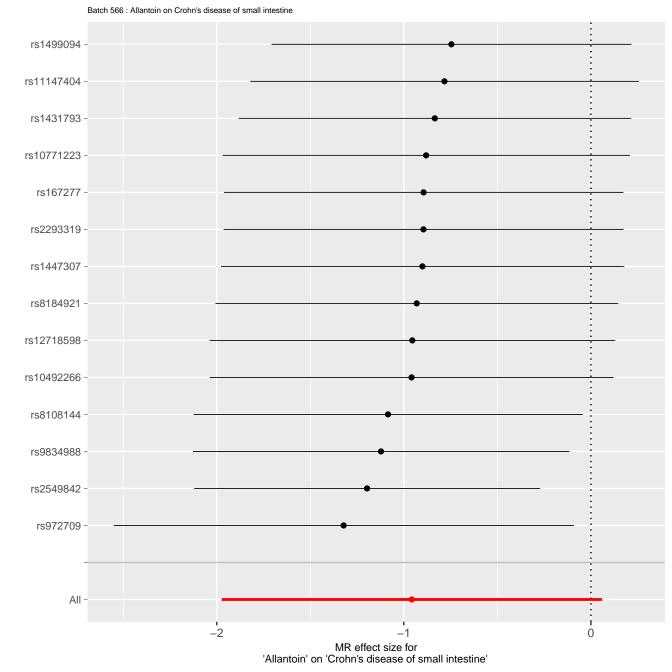


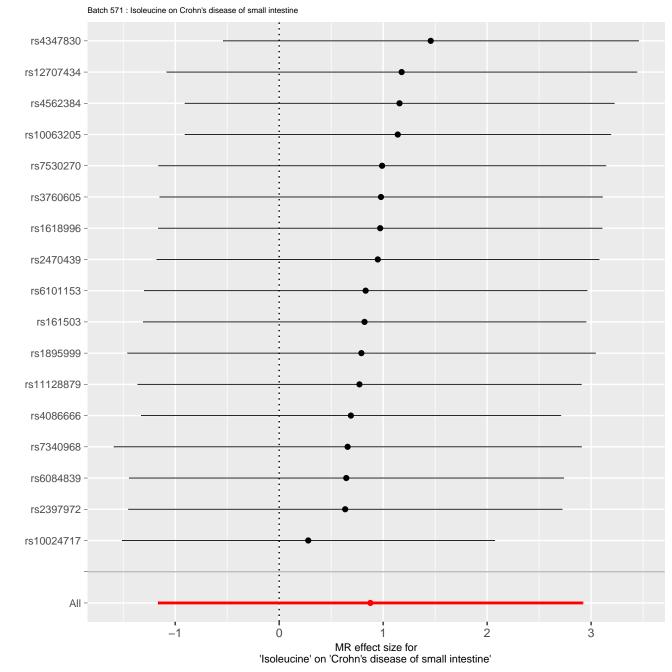


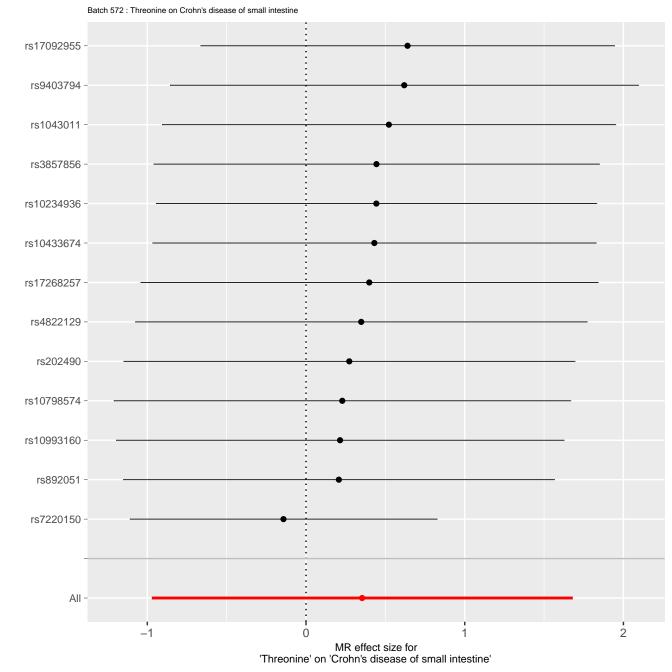


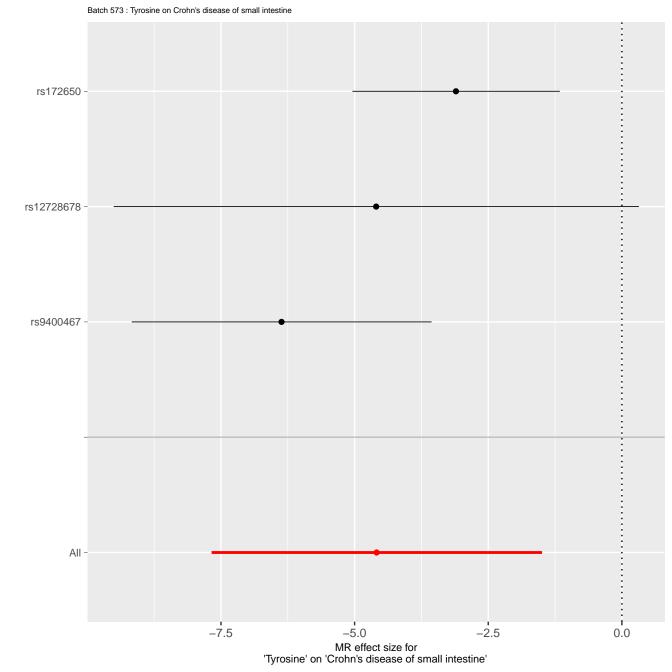


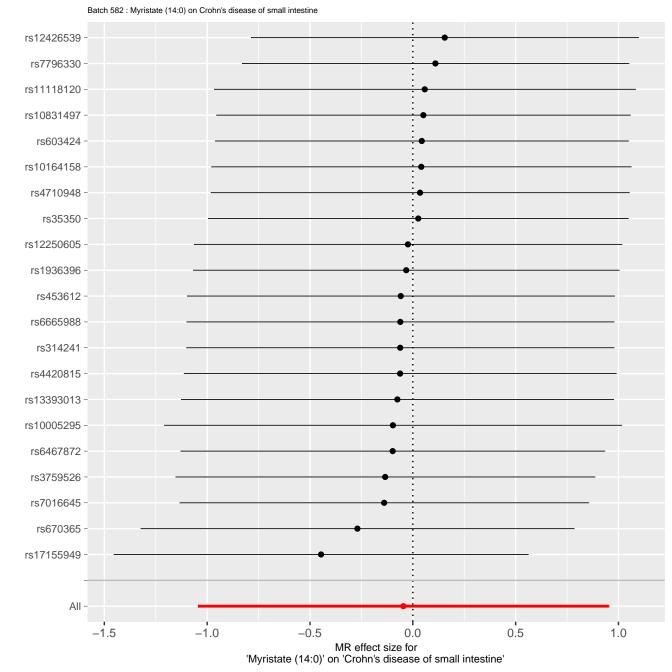


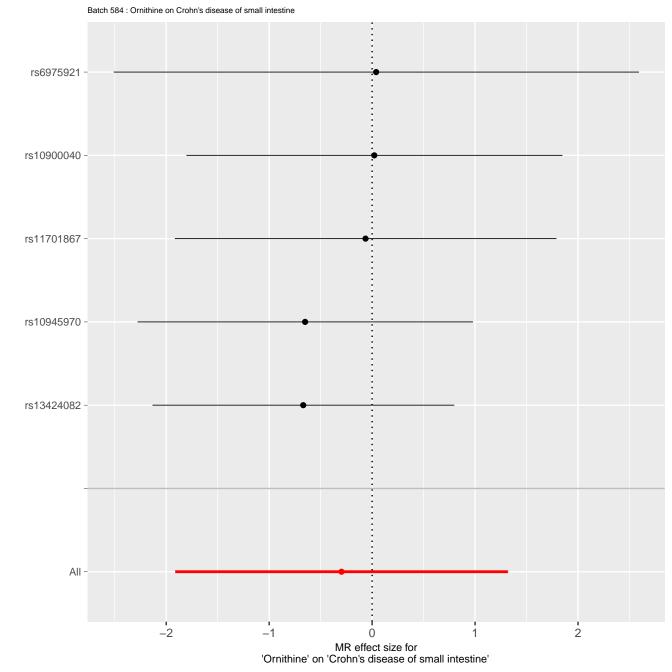


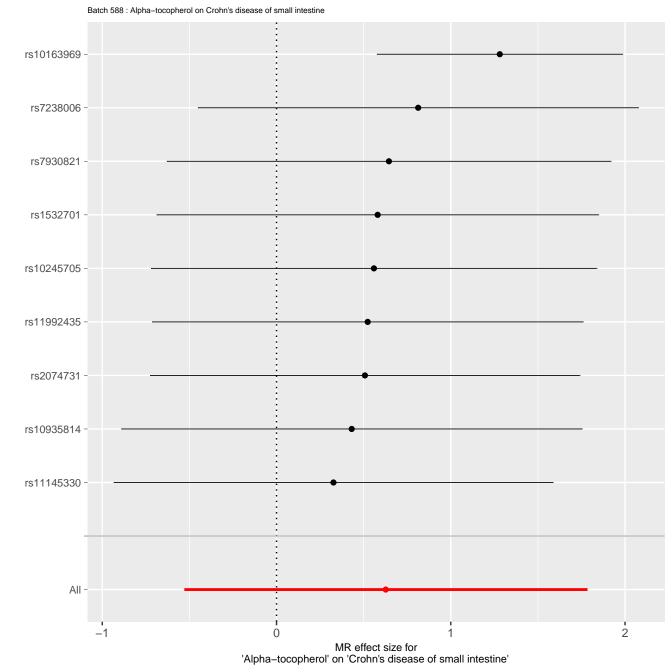


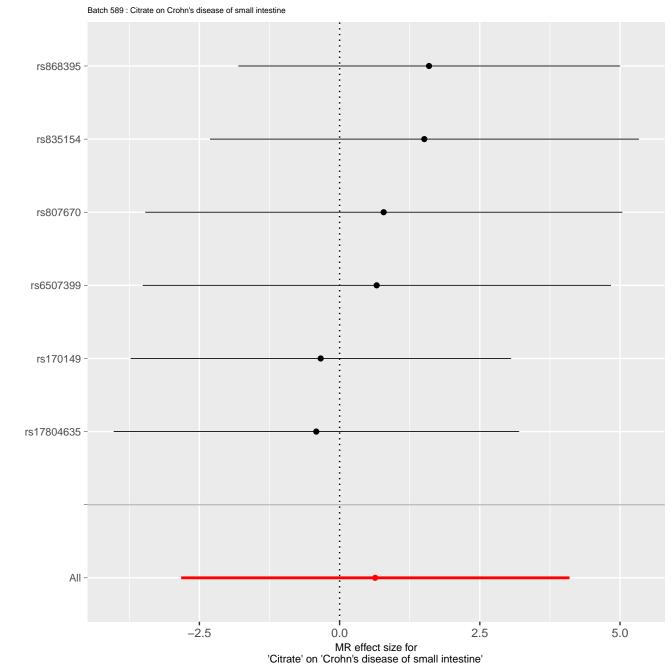


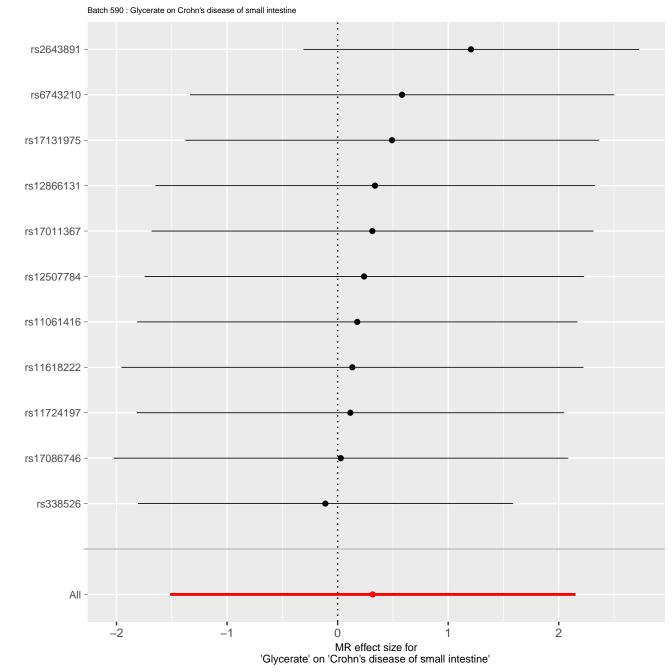


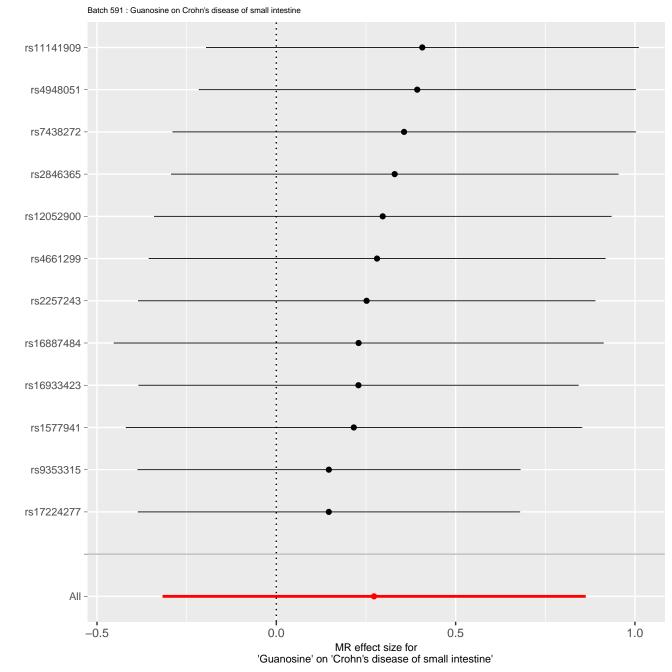


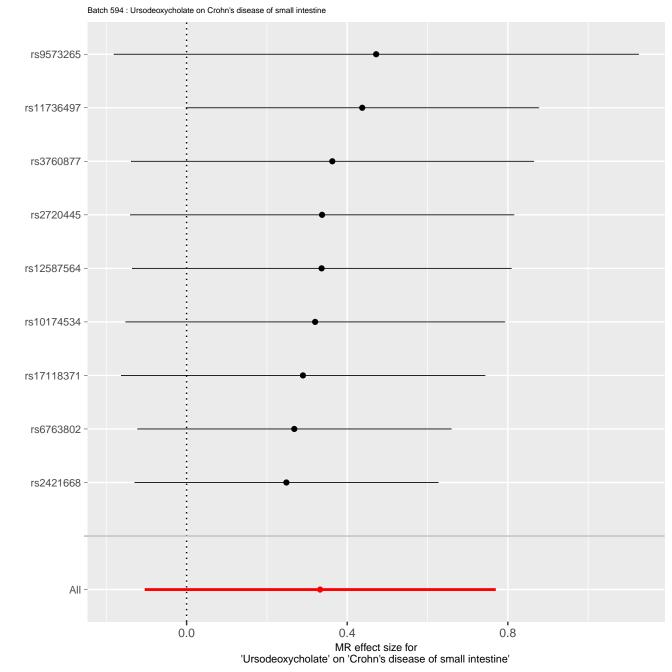


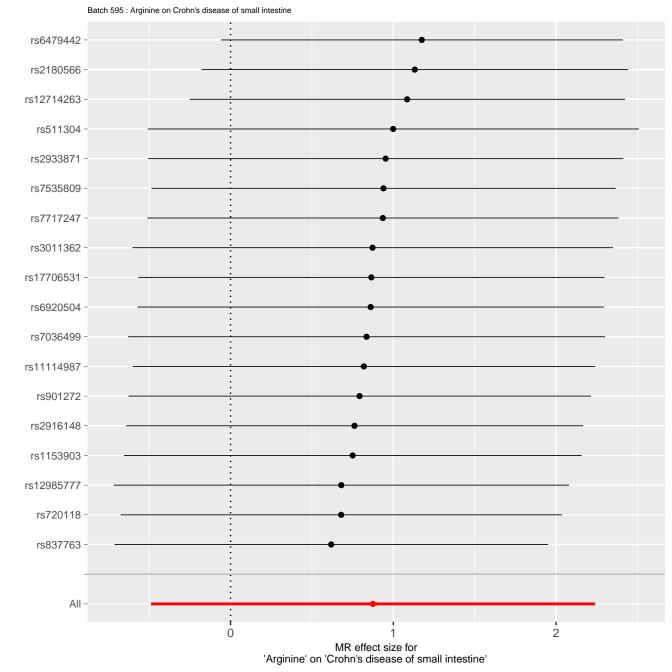


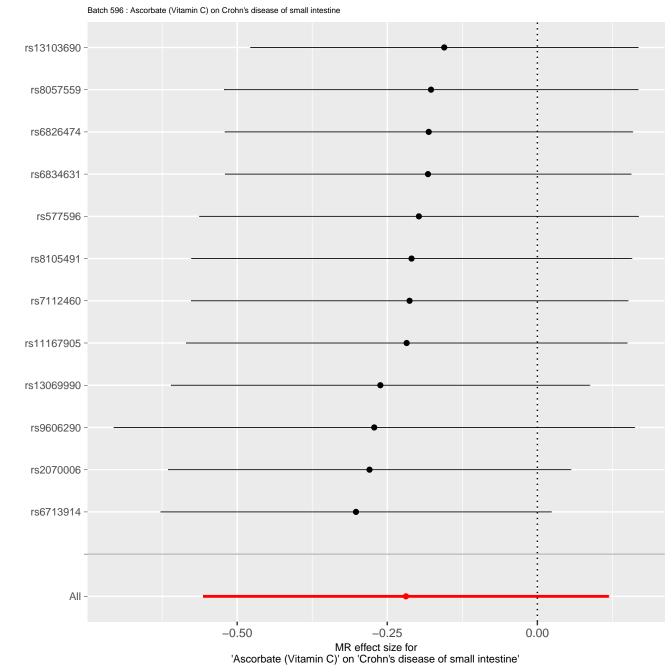


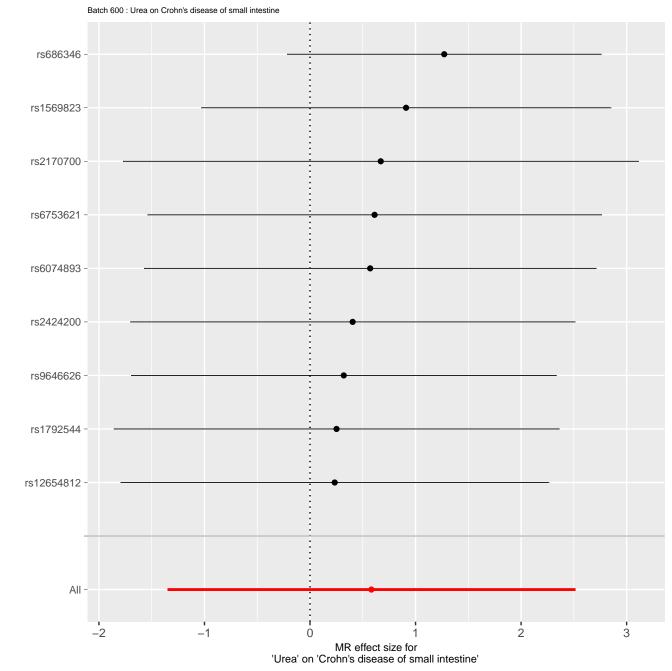


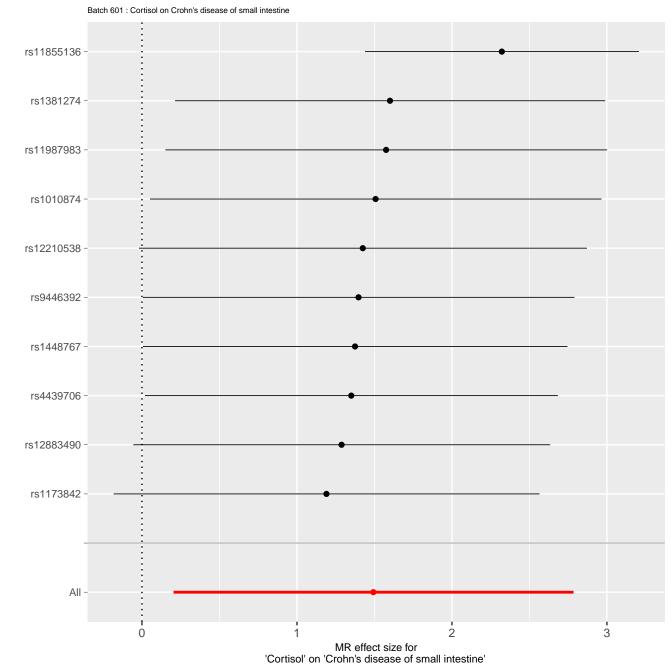


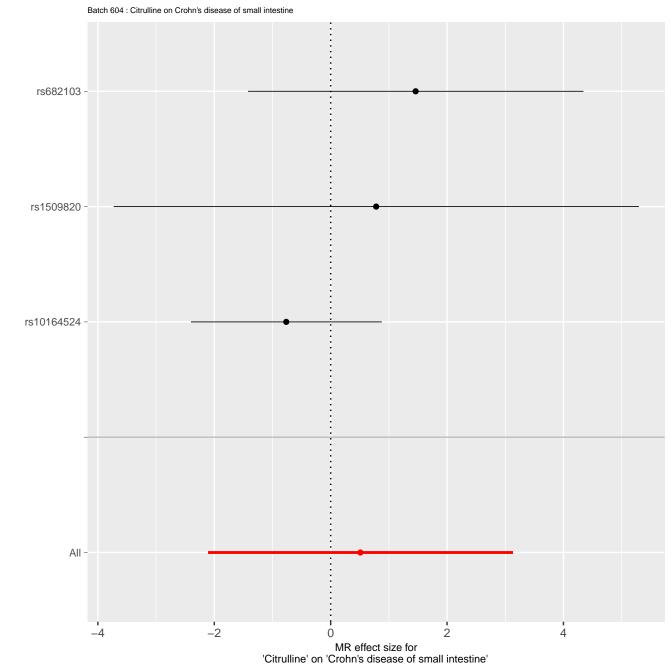


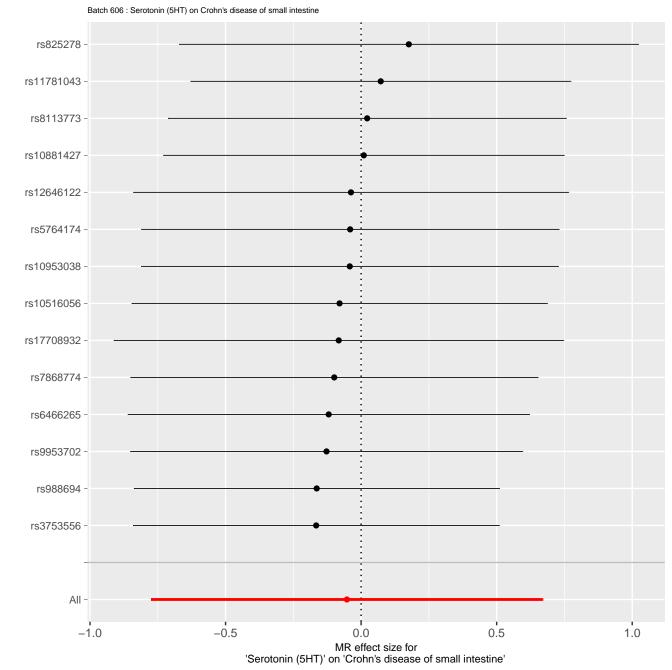


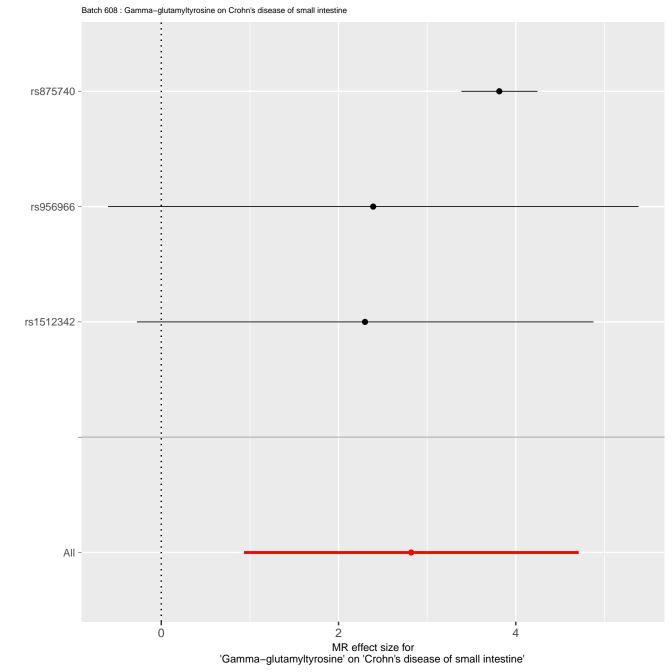


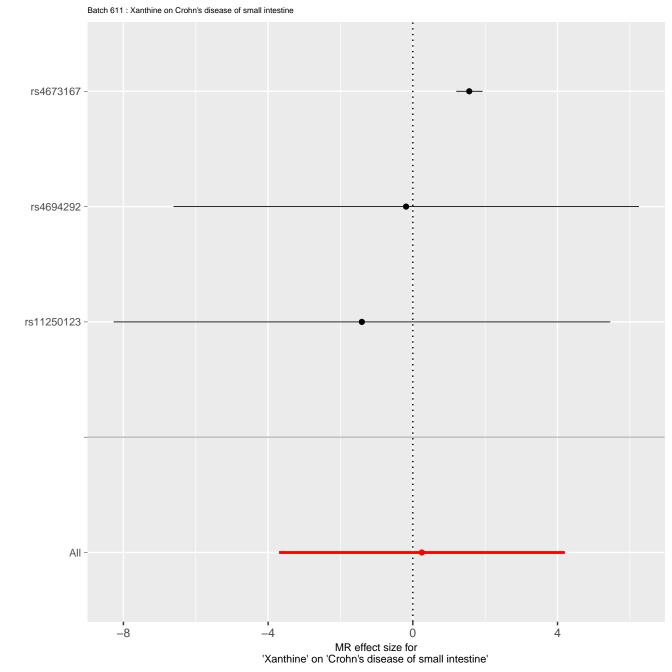


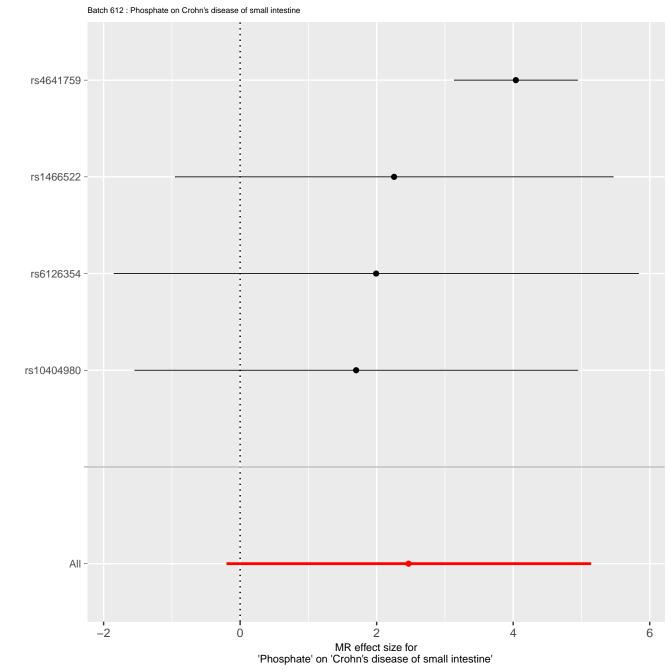


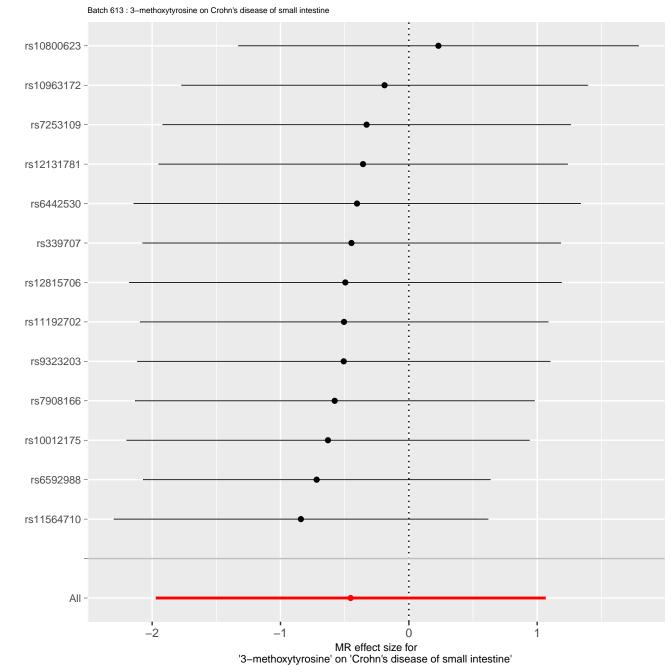


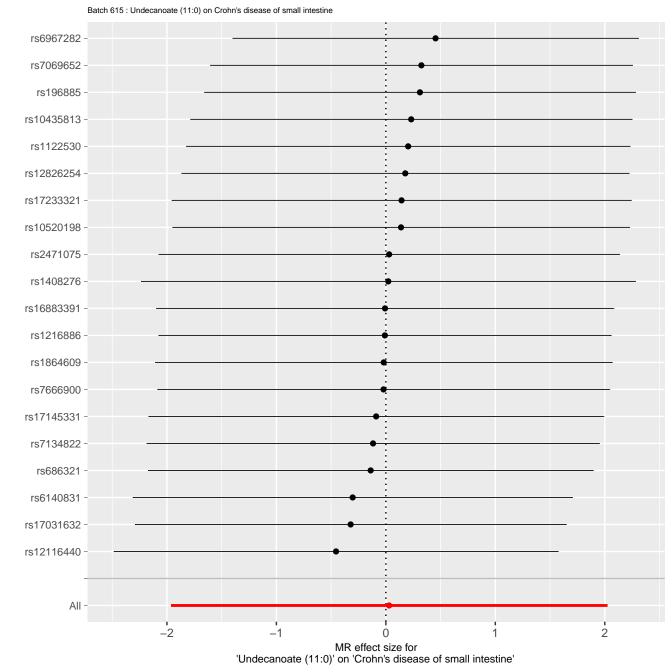


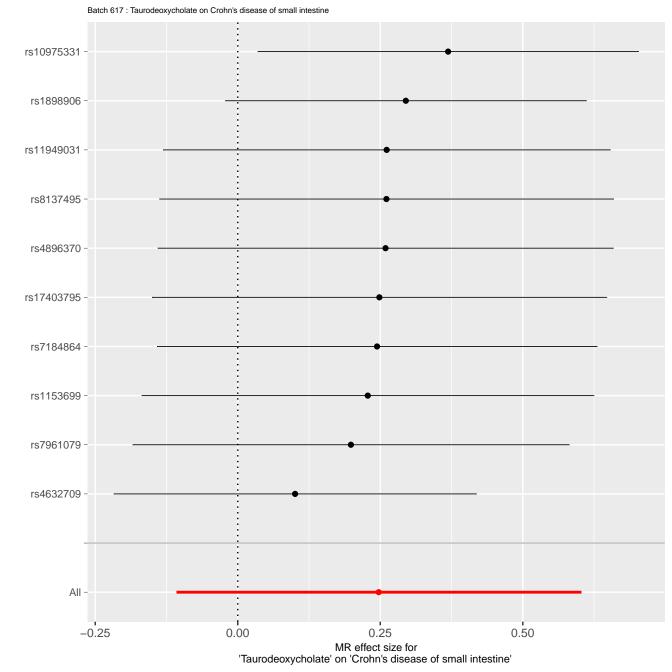


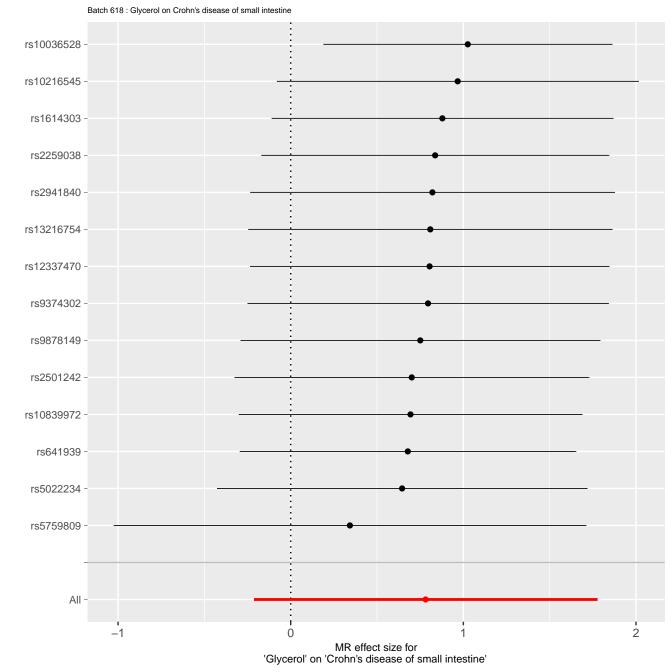


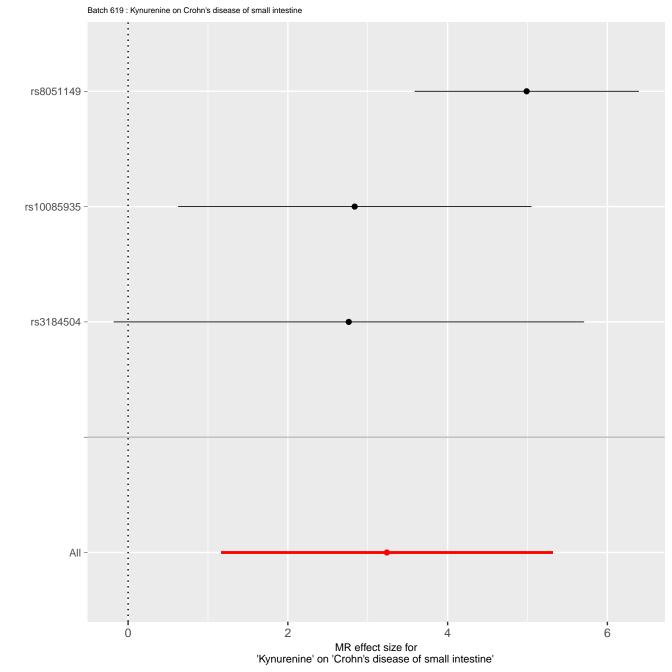


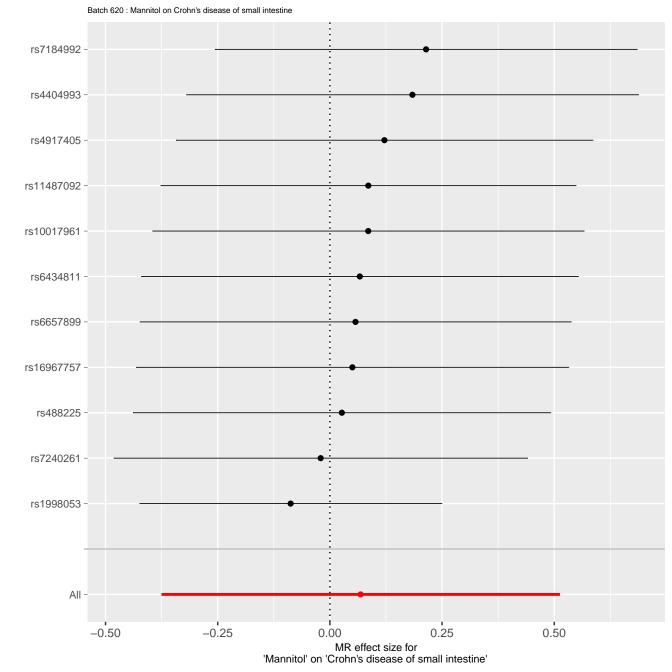


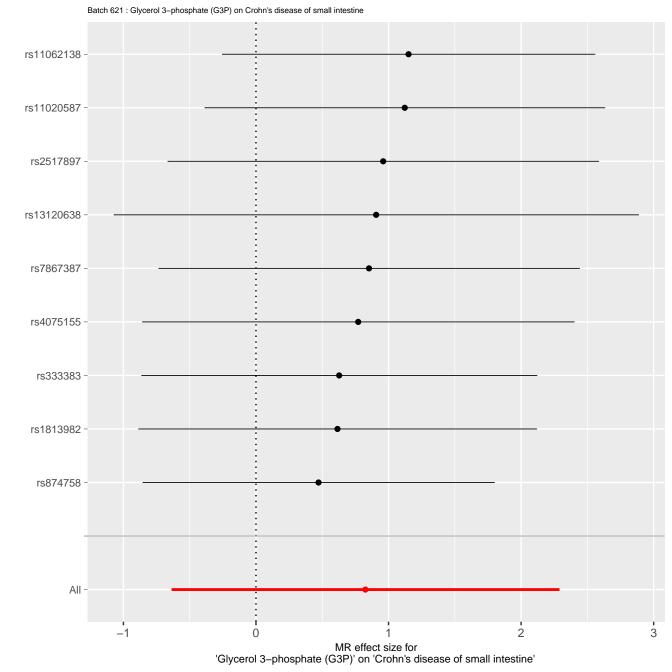


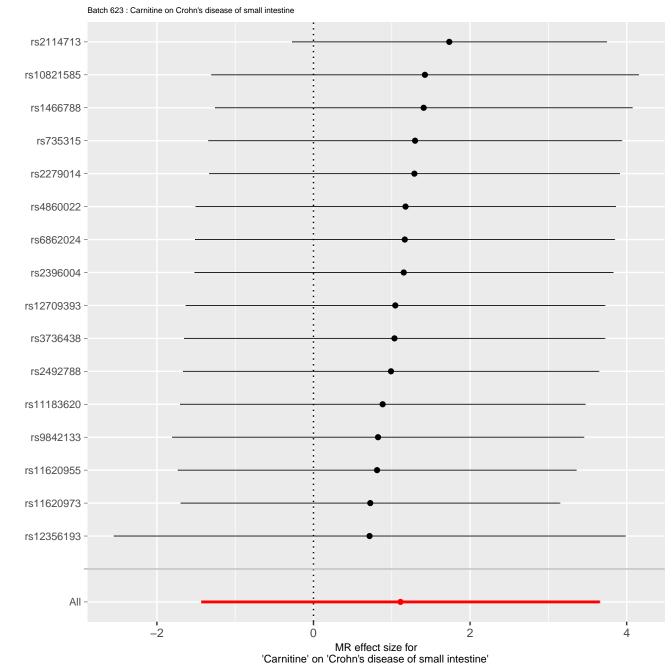


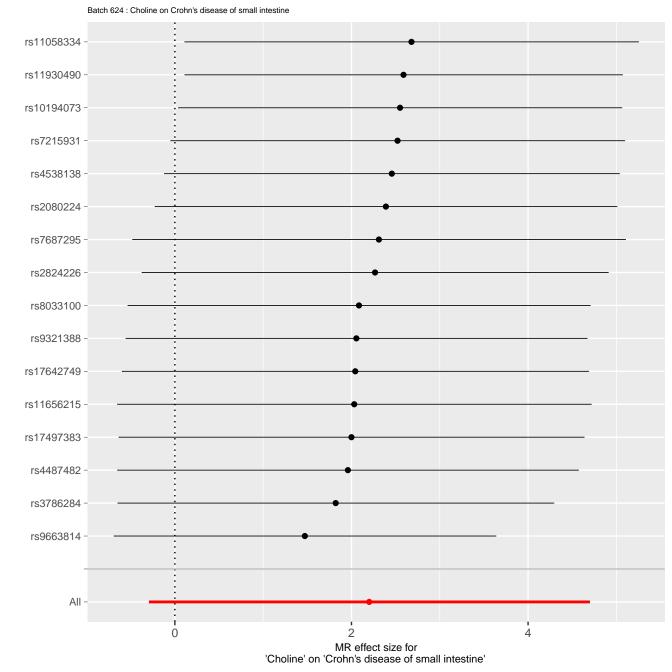


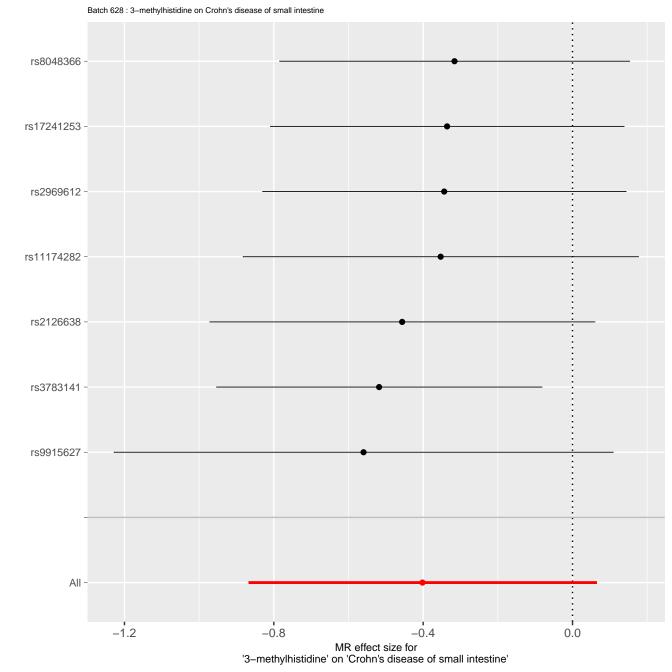


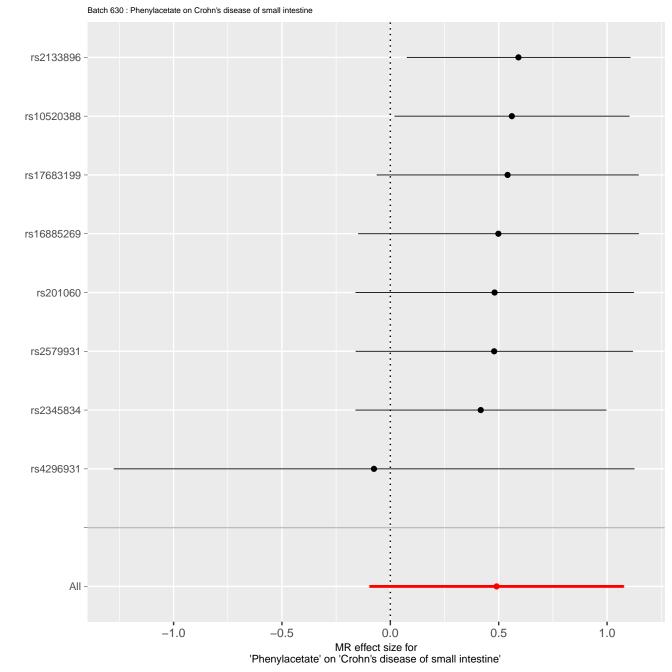


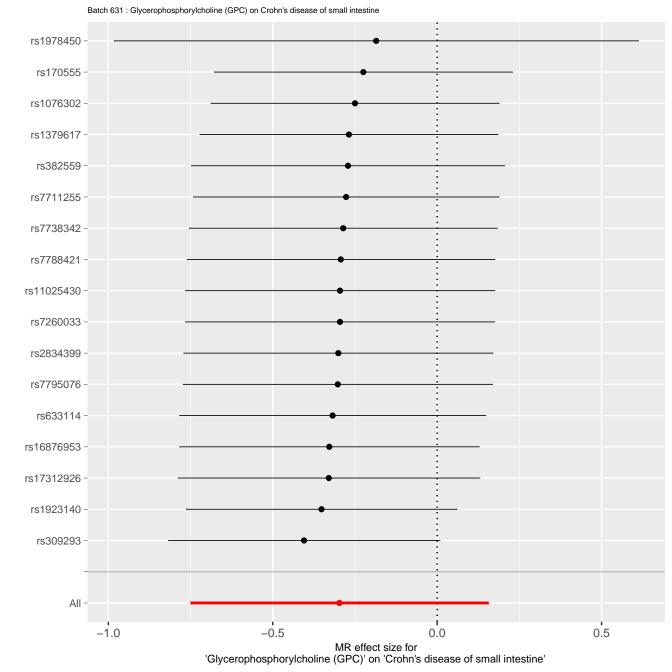


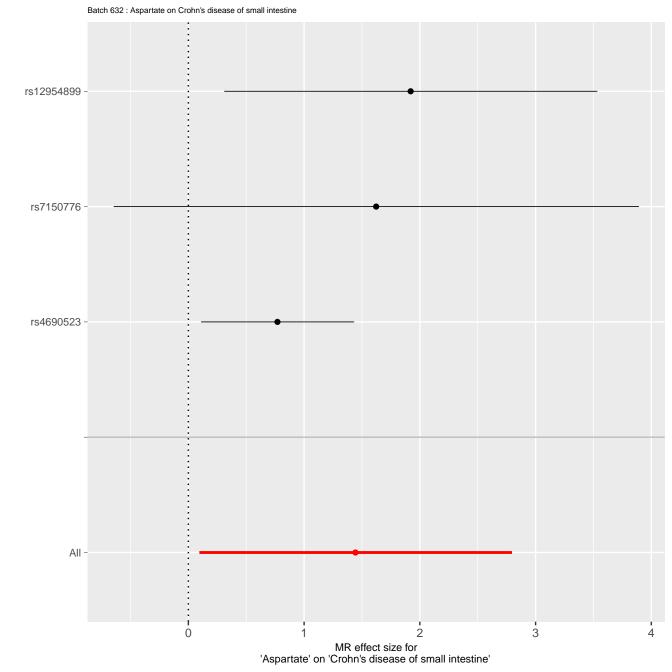


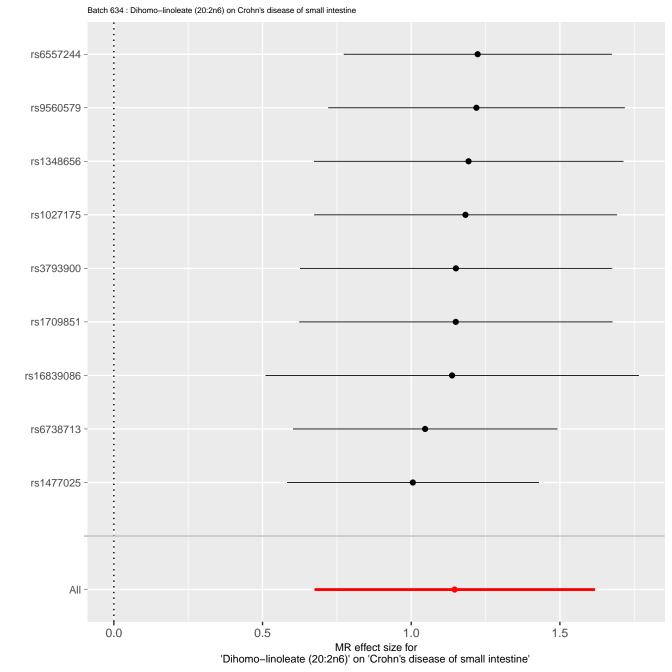




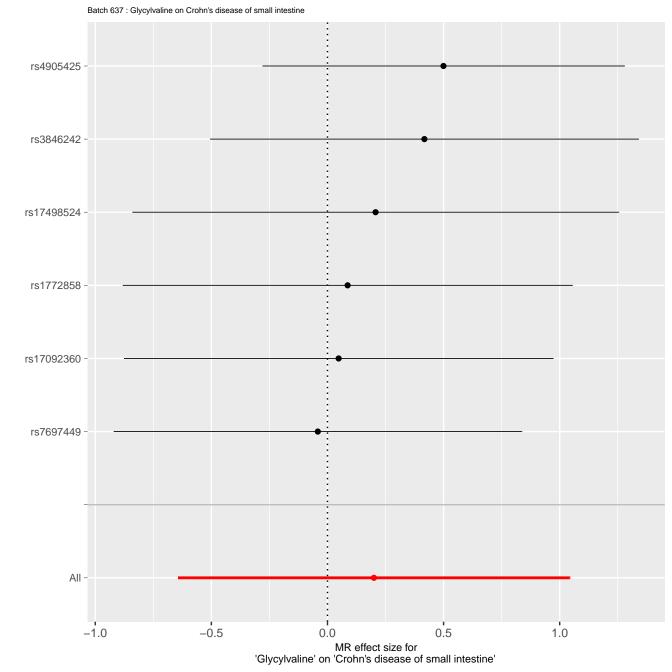


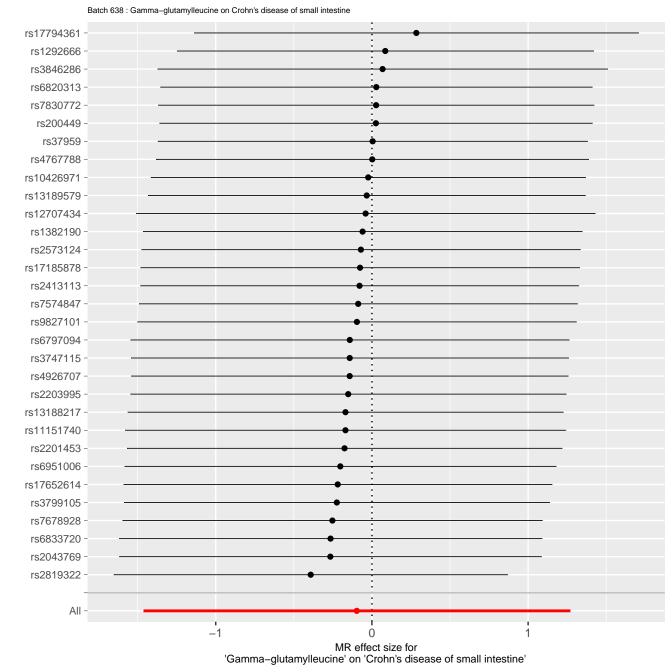


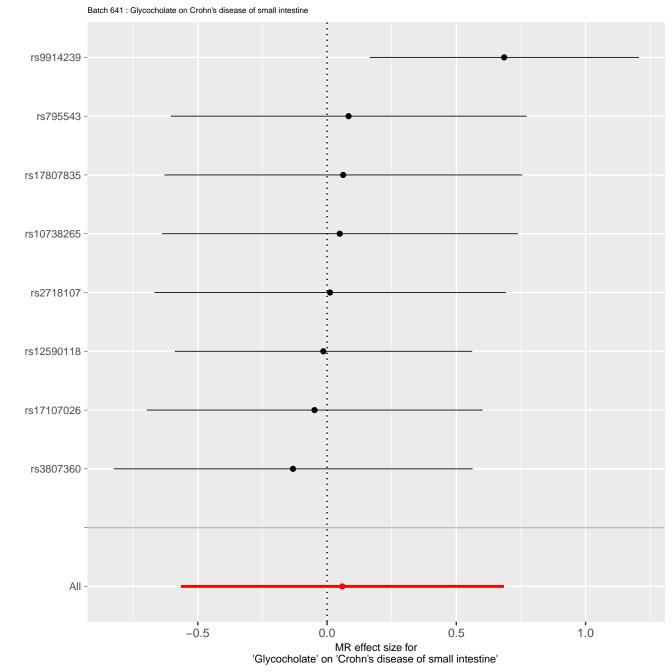


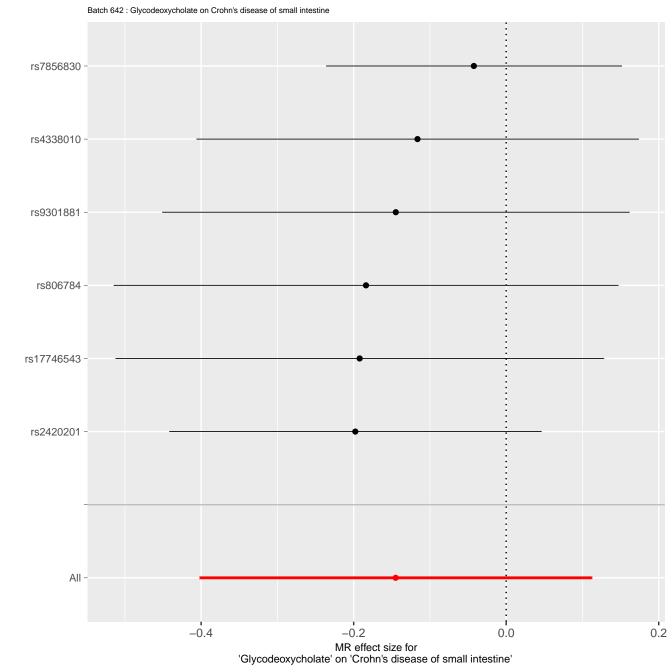


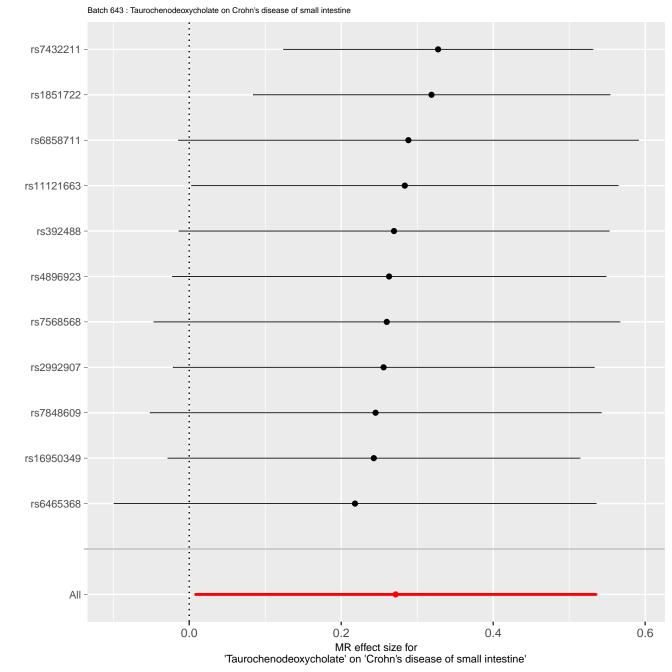
MR effect size for '2-hydroxystearate' on 'Crohn's disease of small intestine'

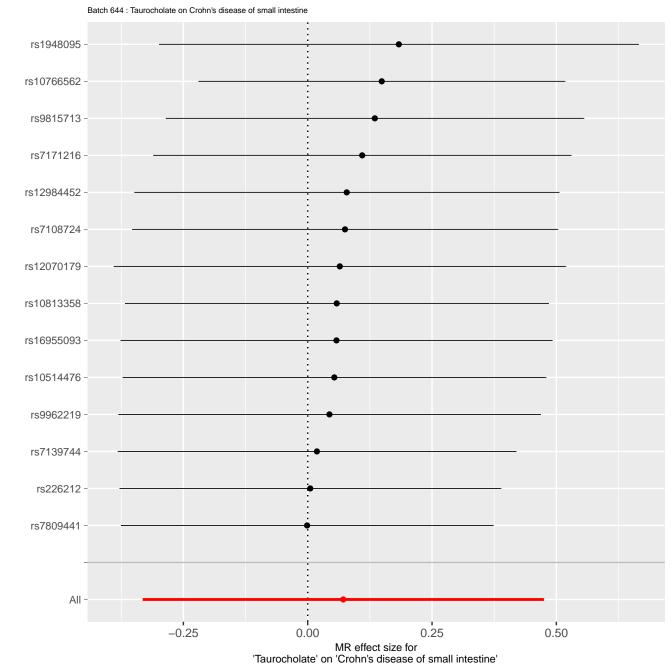


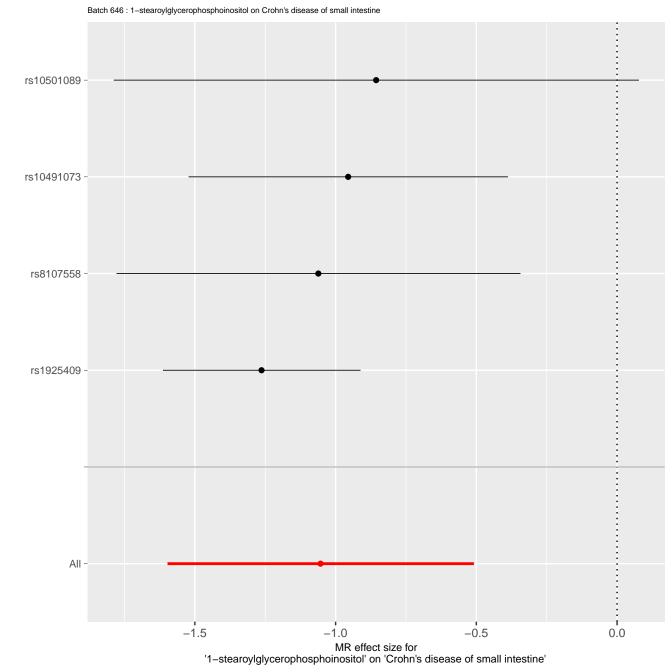


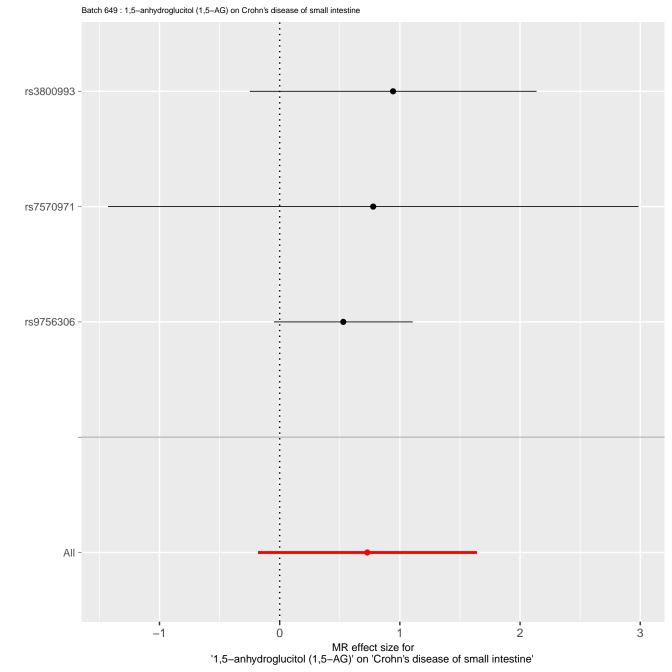


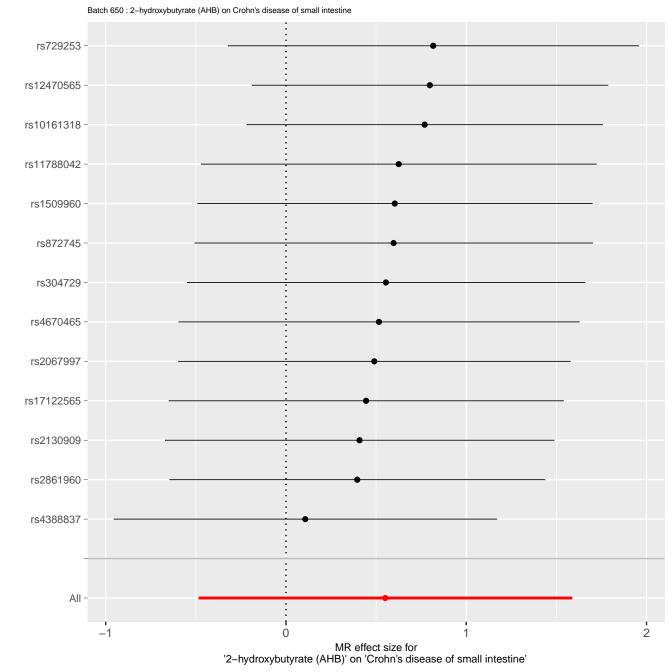


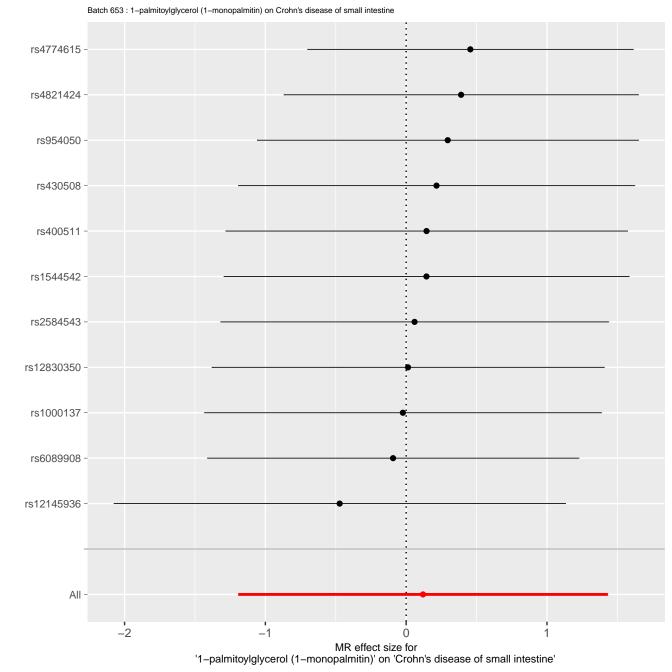


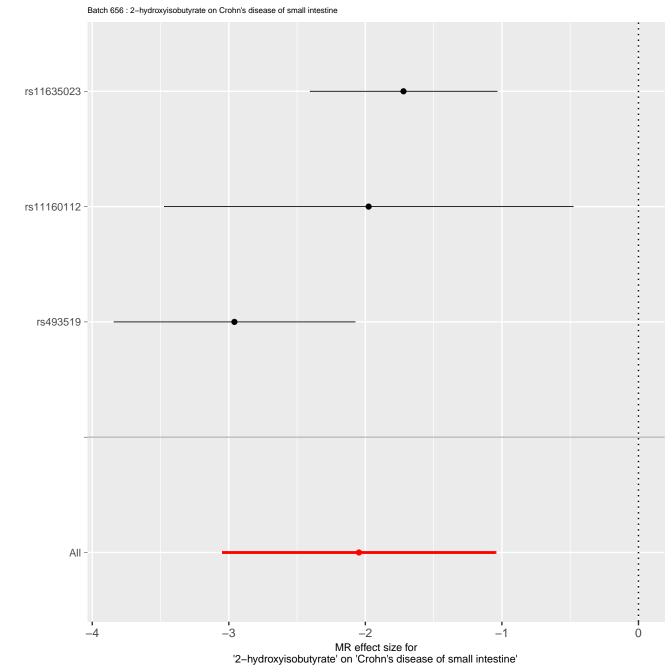


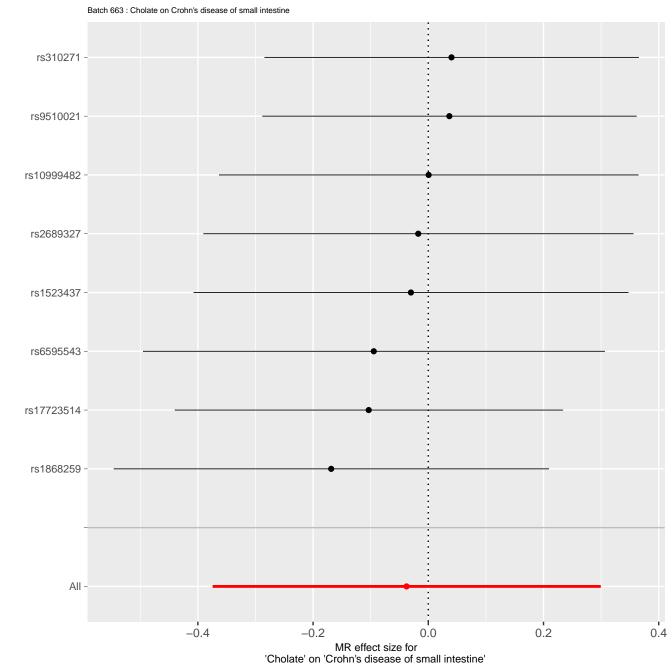


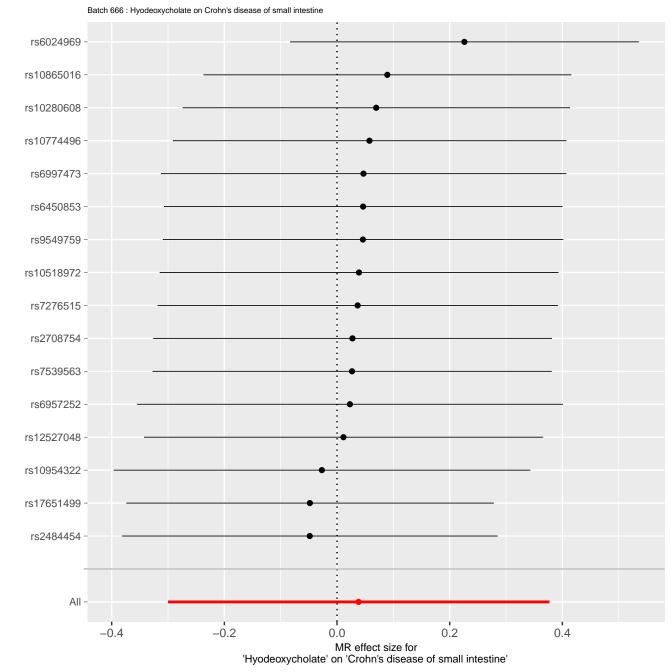


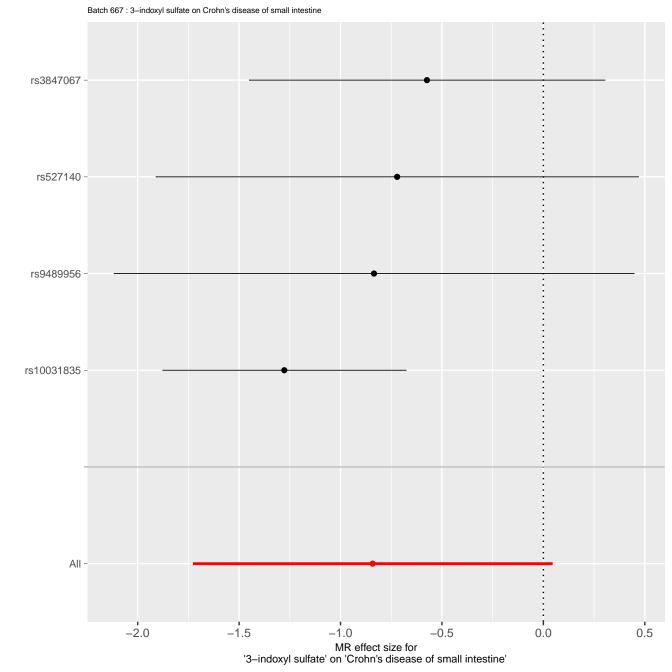


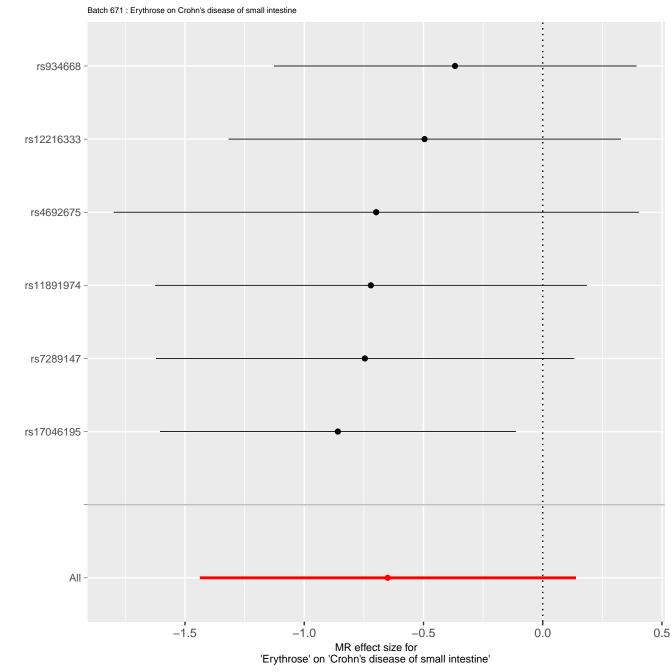


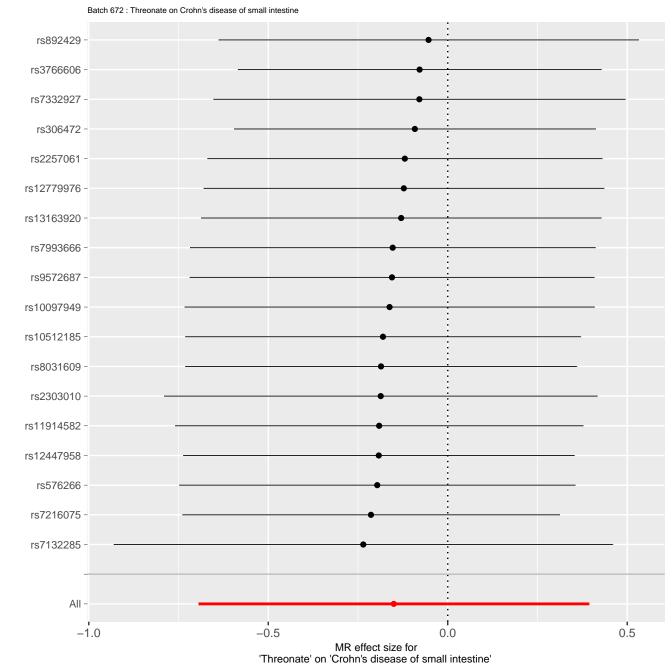


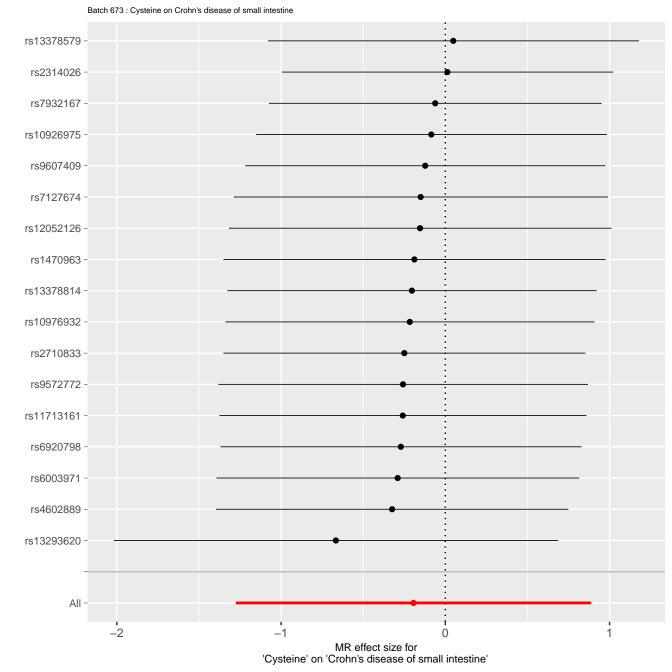


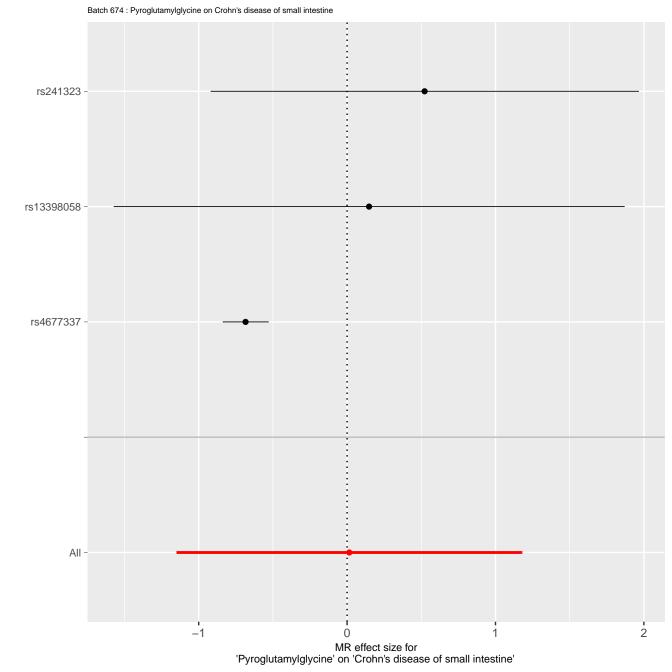


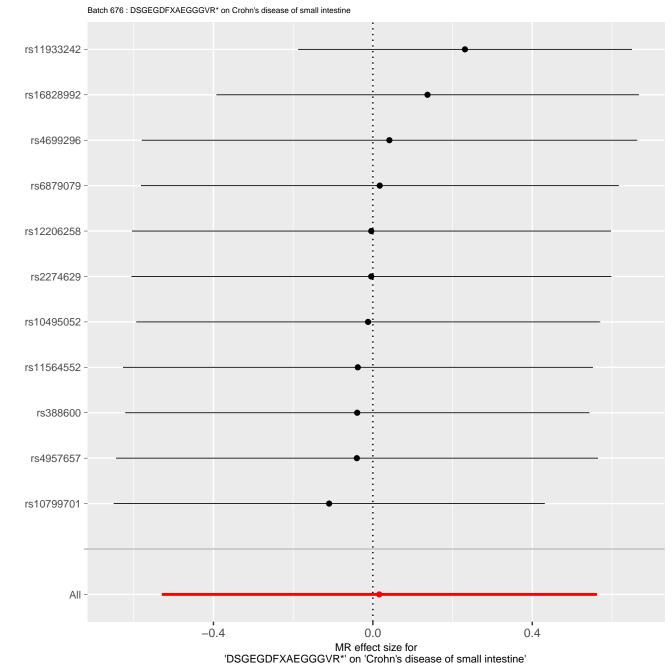


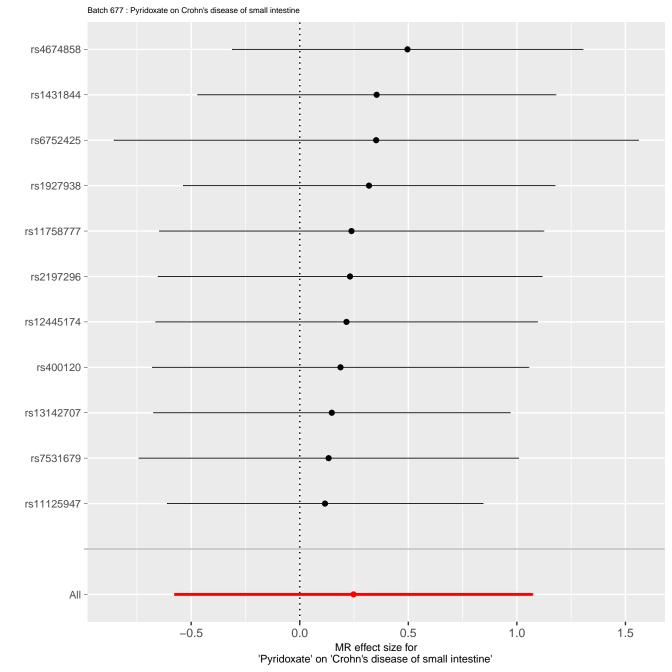


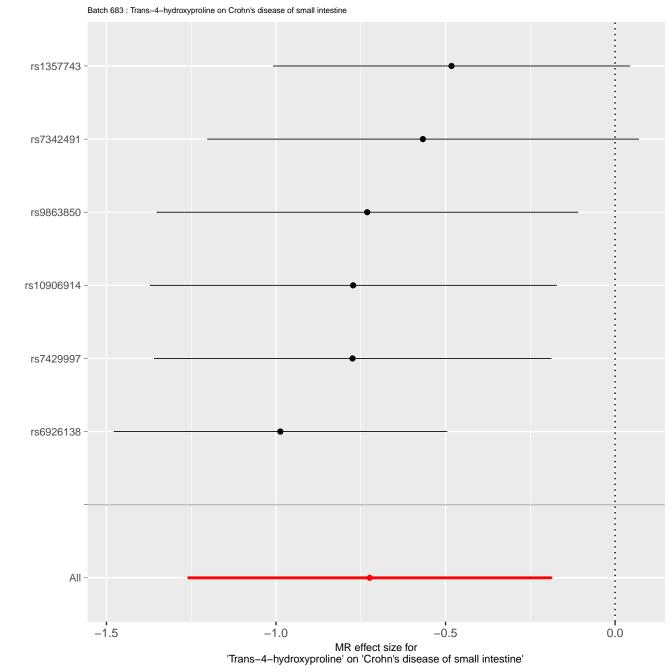


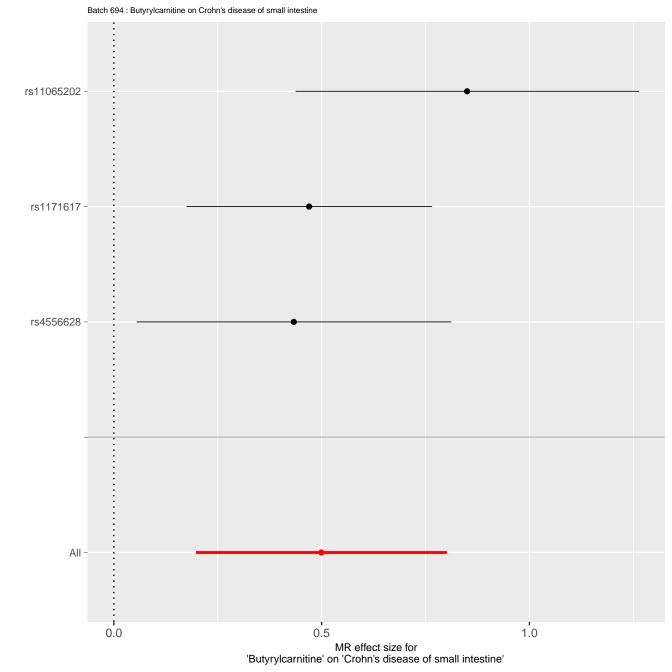






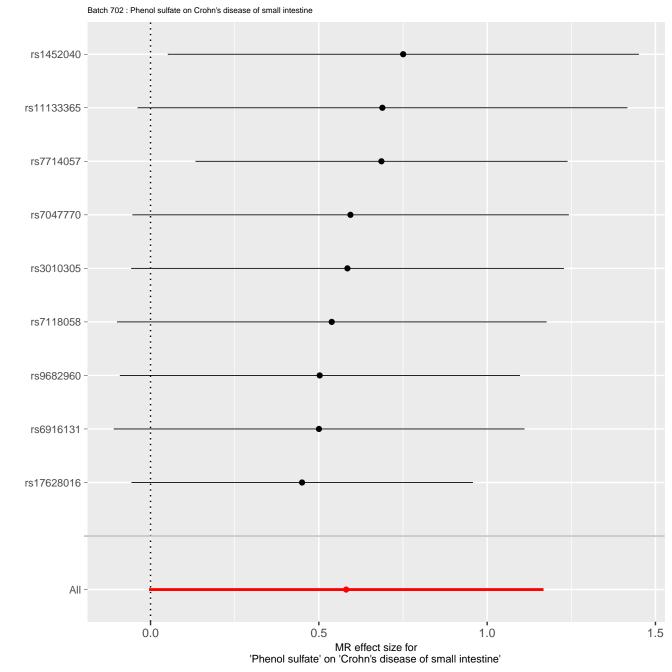




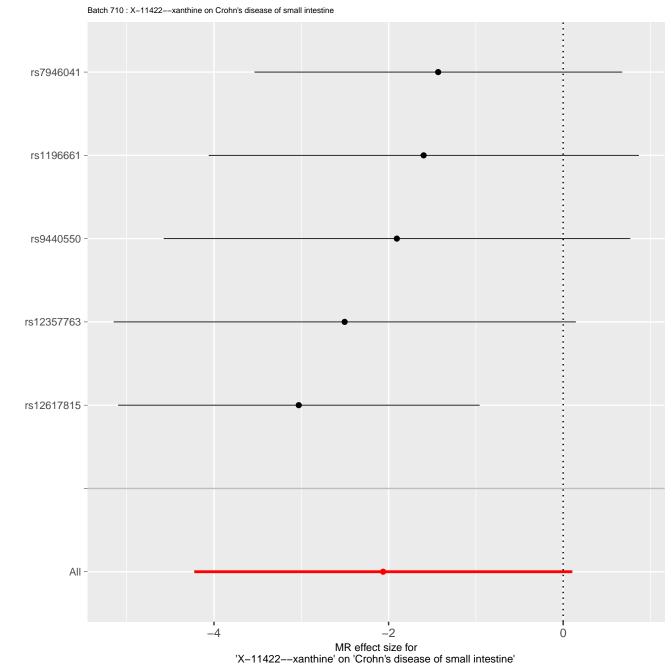


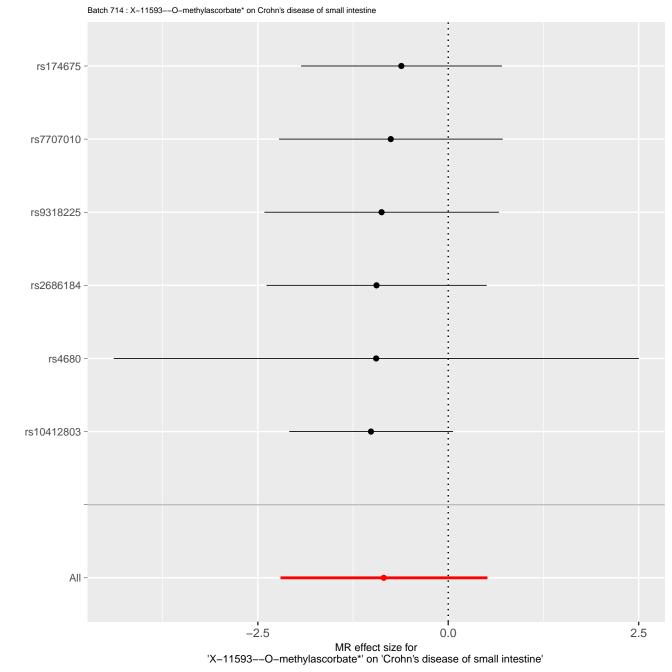
Batch 698: Caproate (6:0) on Crohn's disease of small intestine

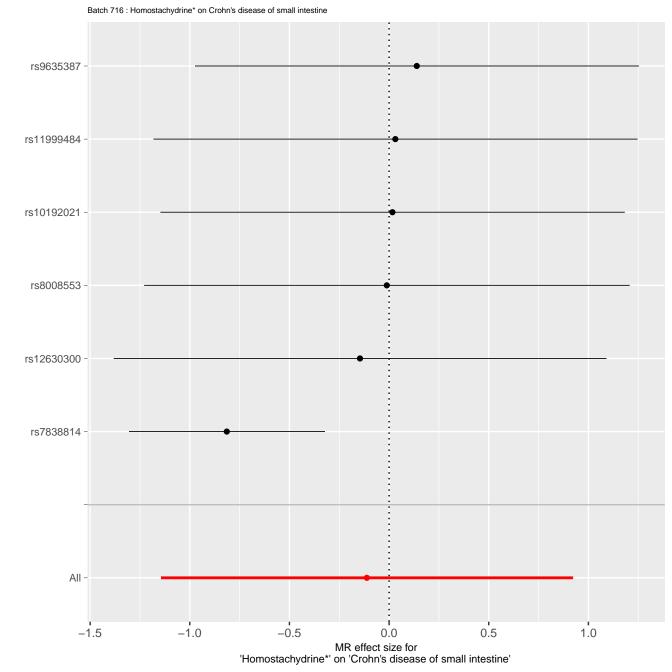
MR effect size for 'Caproate (6:0)' on 'Crohn's disease of small intestine'

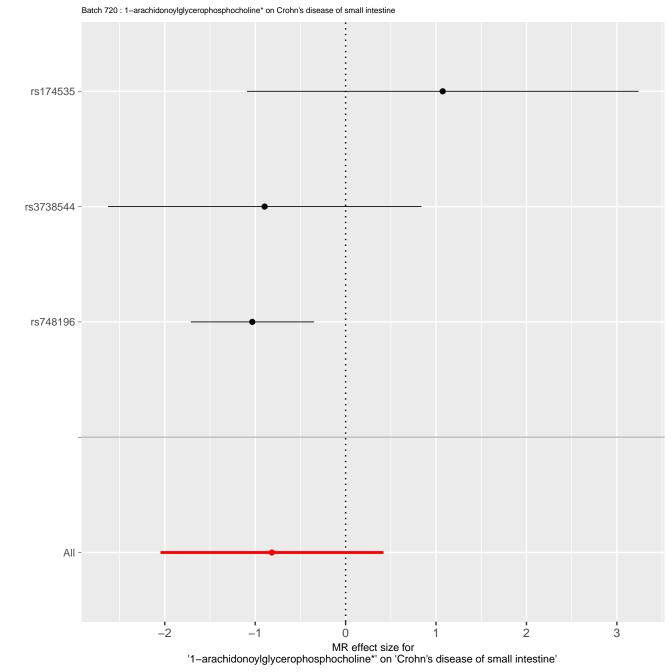


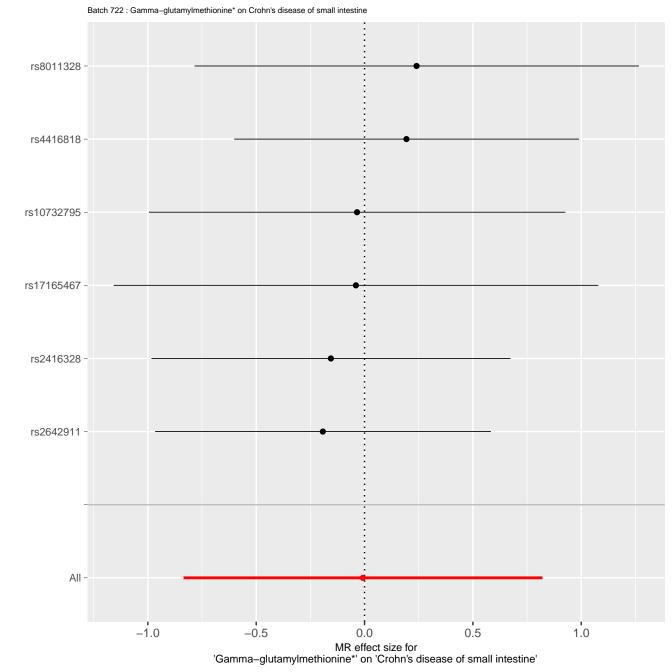
'Heme\*' on 'Crohn's disease of small intestine'

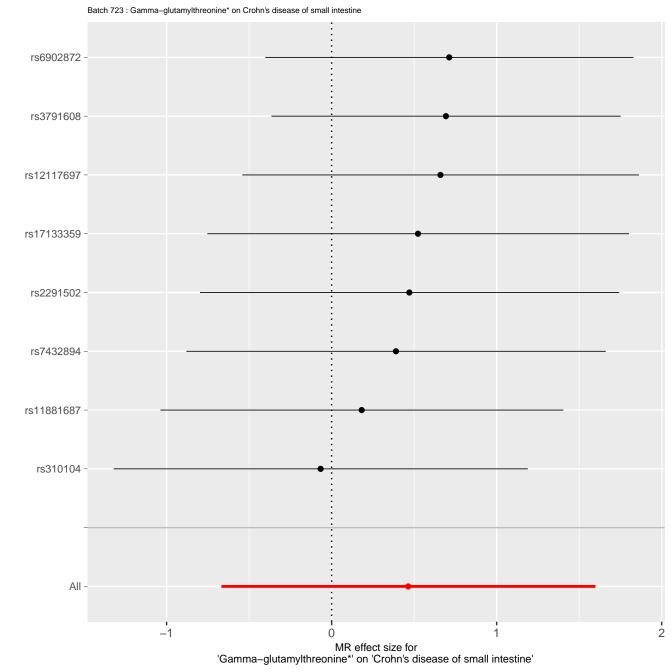


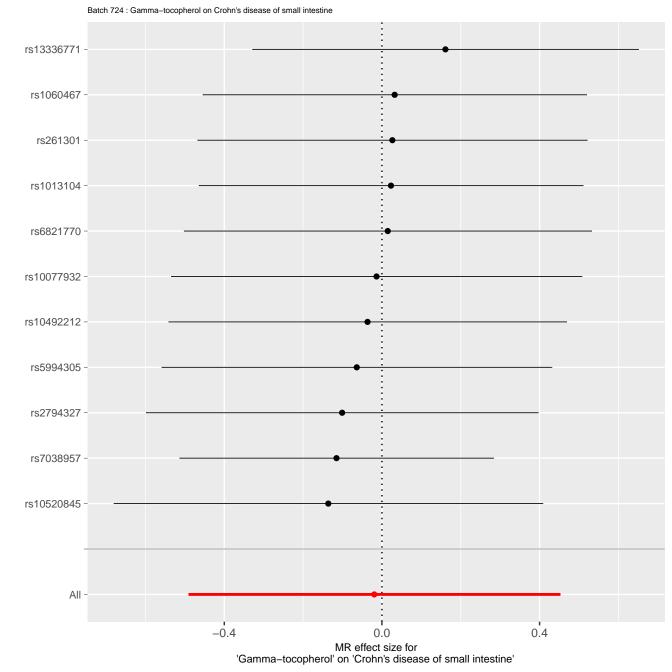


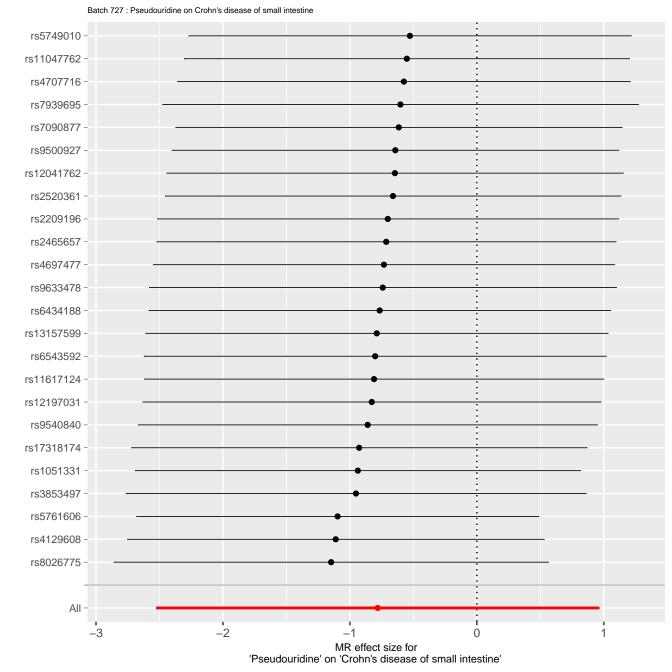


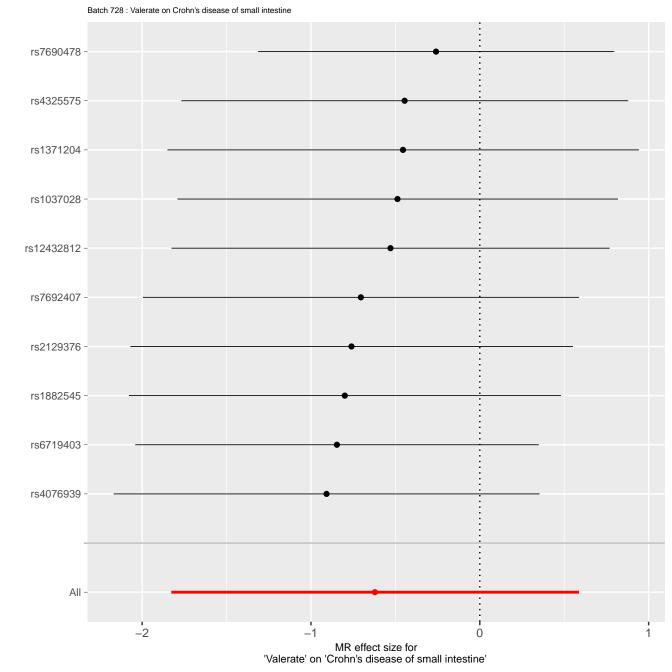


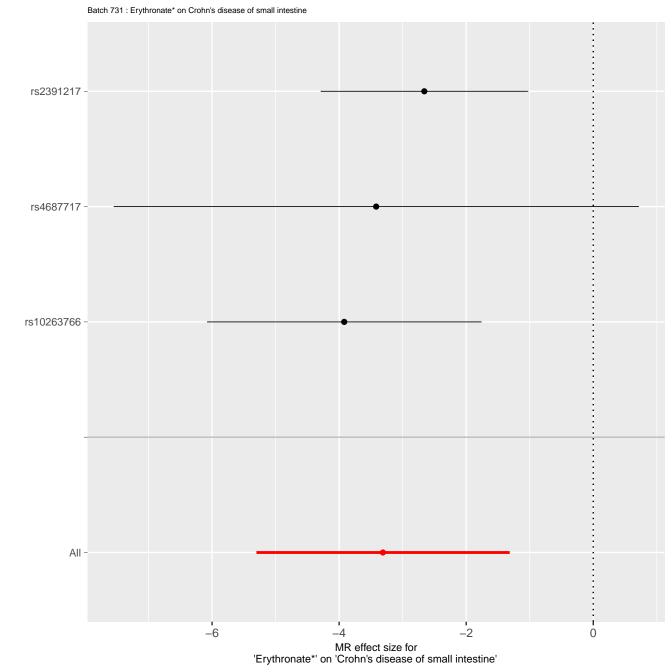


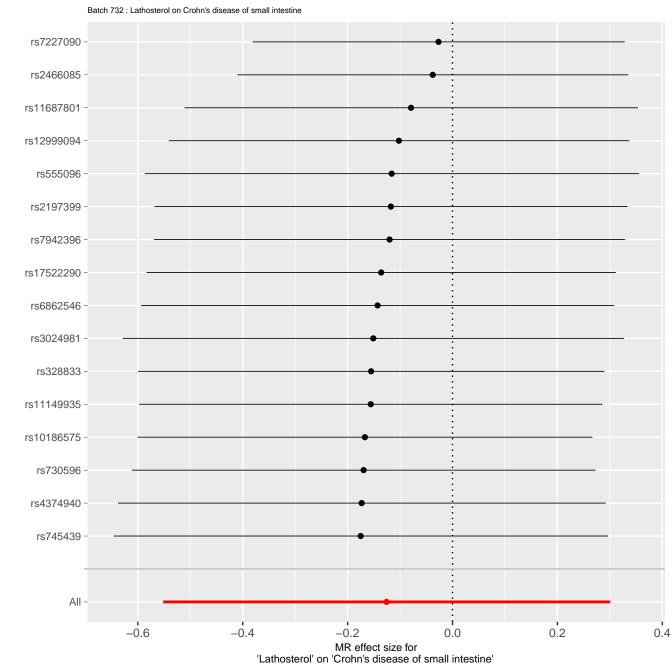


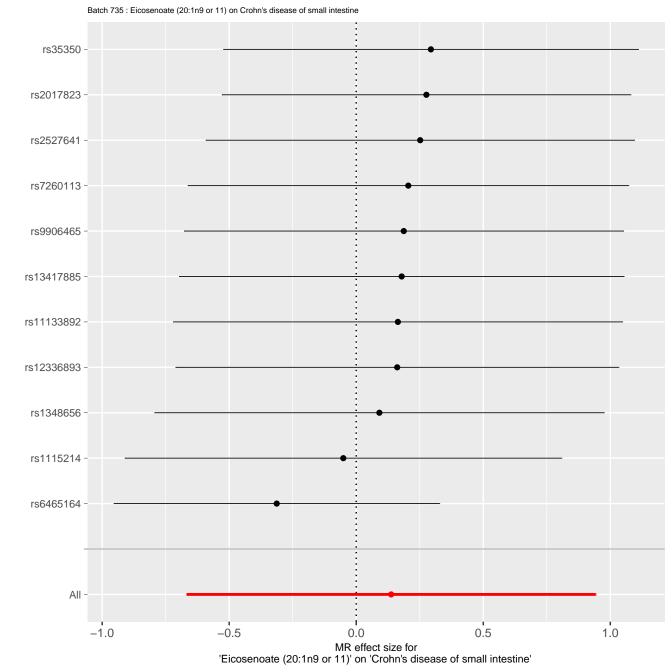


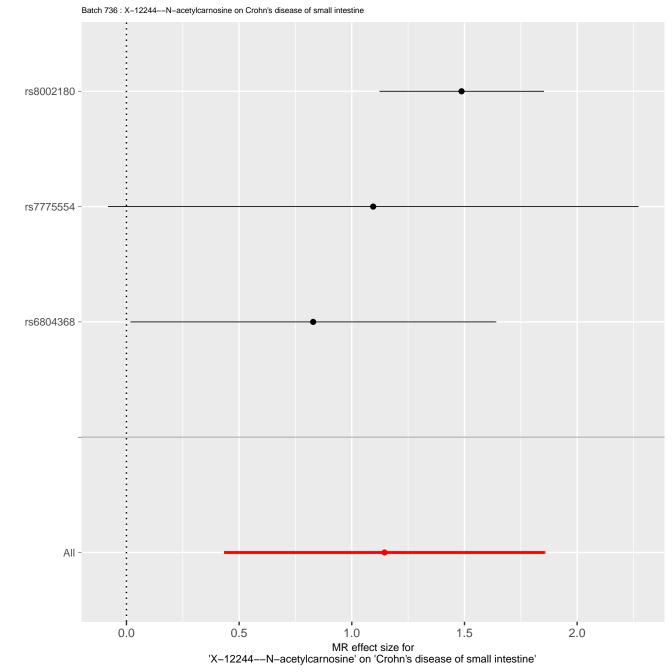


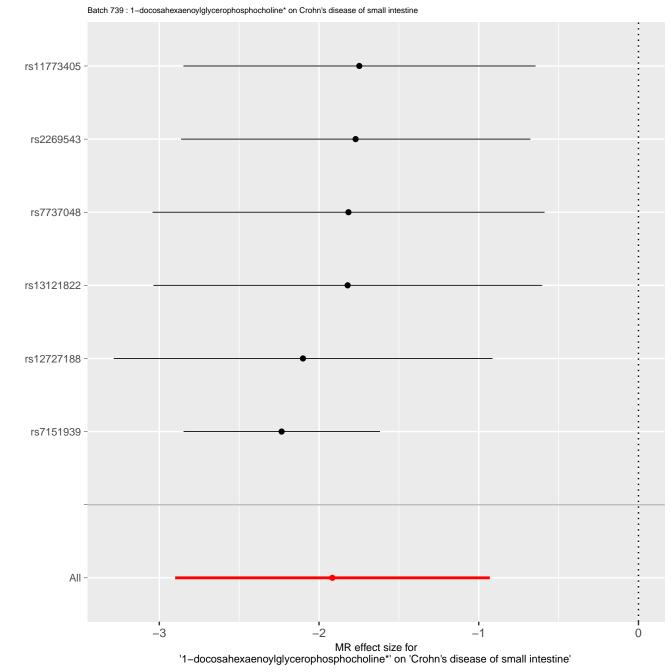


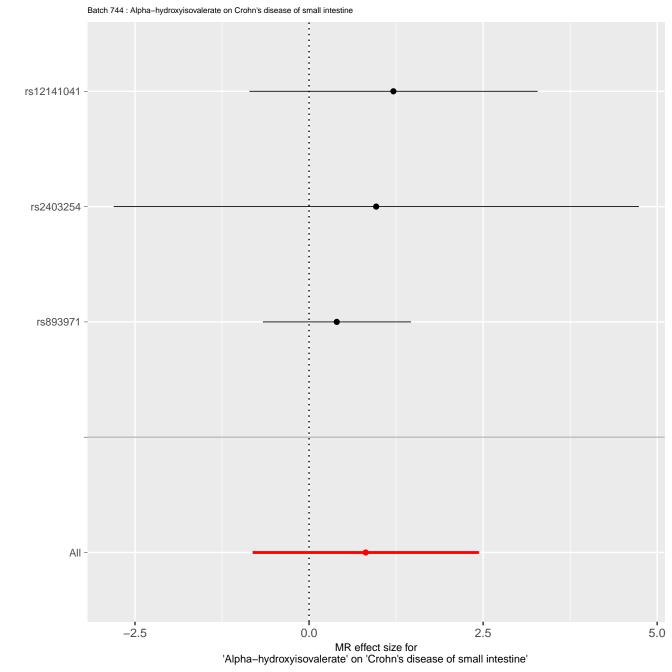


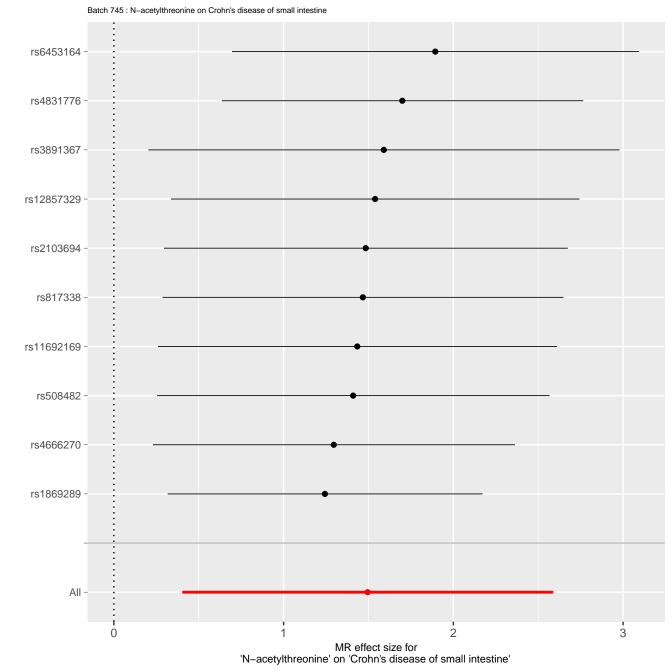


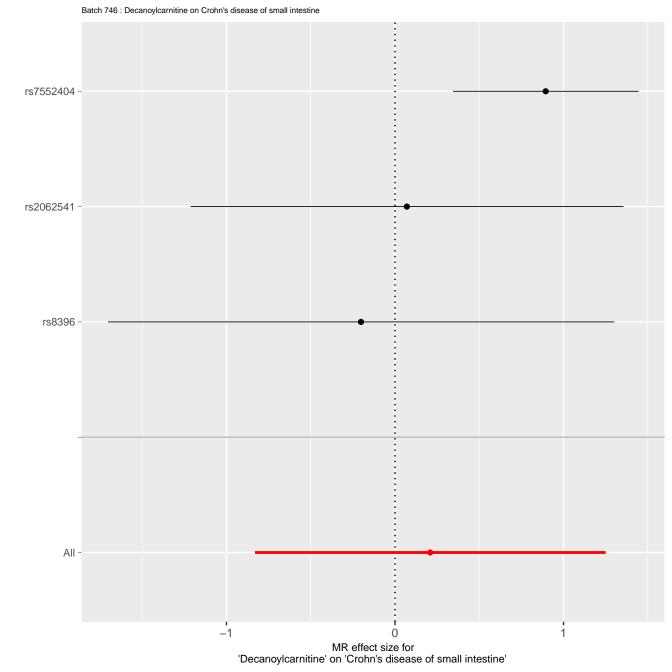






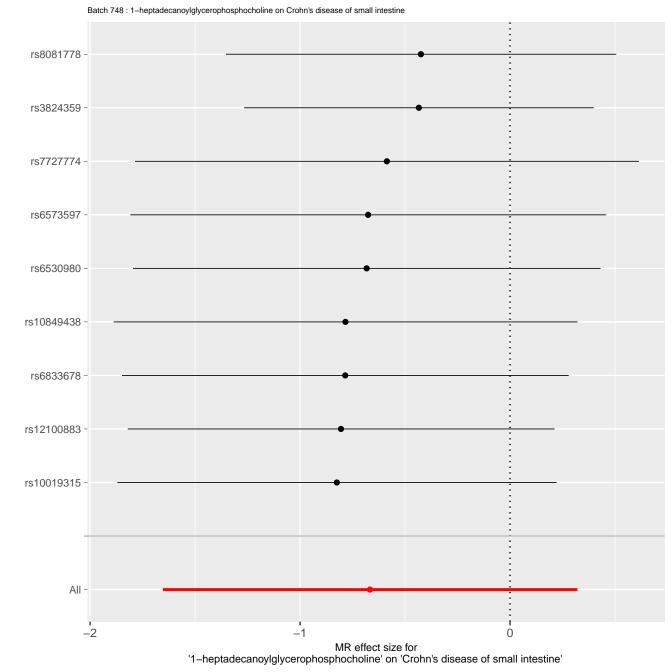


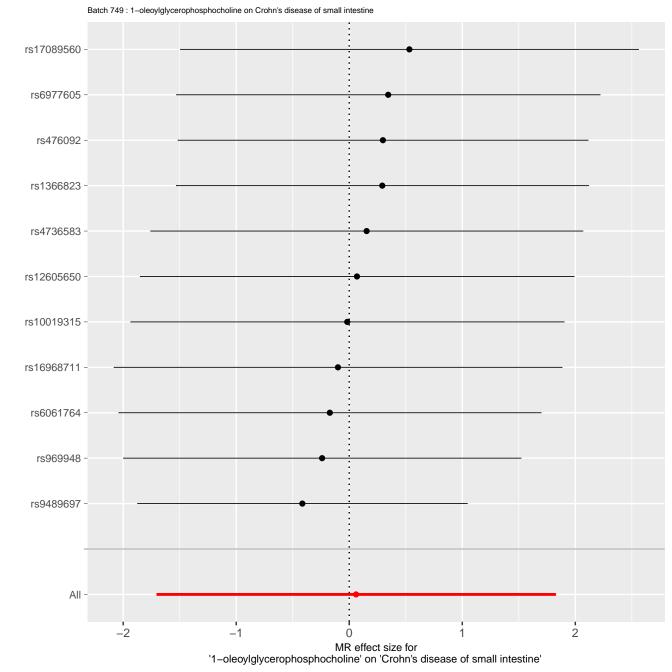


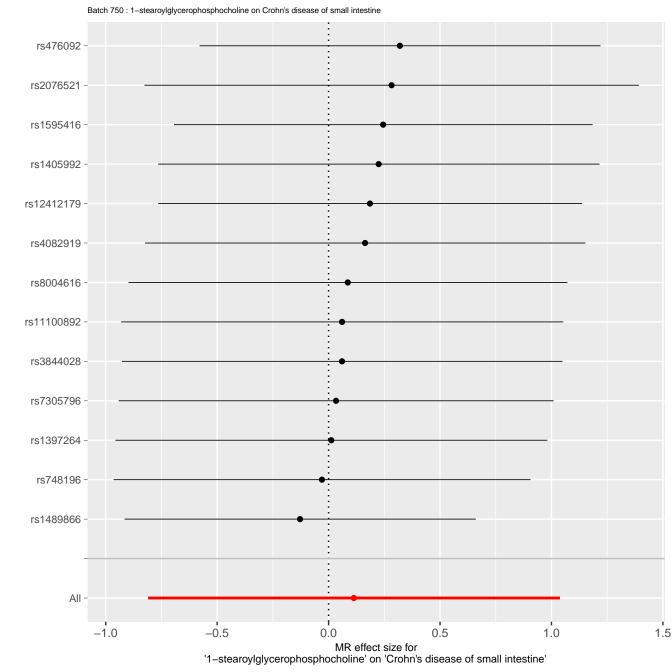


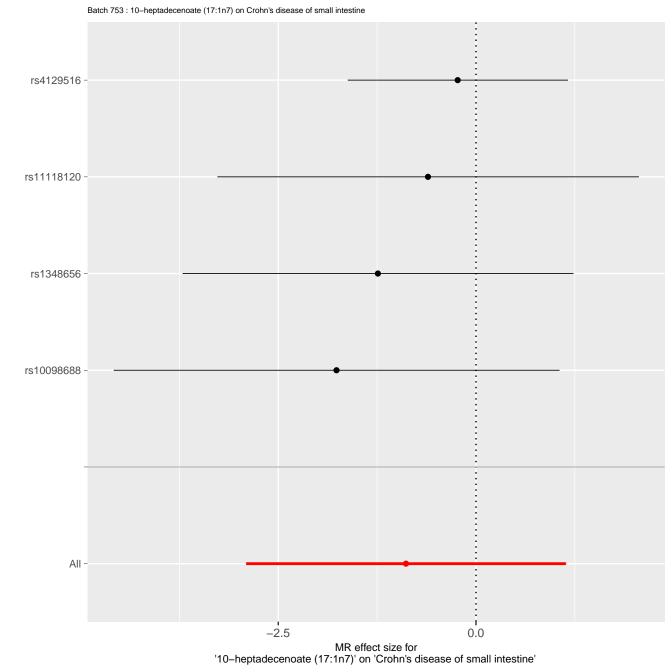
Batch 747: 1-palmitoylglycerophosphocholine on Crohn's disease of small intestine rs4414129 rs2490289 rs12880914 rs1433098 rs476092 rs6777718 rs7547153 rs8028440 rs10913710 rs11654527 rs10966017 rs7759176 rs8052052 rs2273534 rs474566 rs1442583 rs10059896 rs3735474 rs6714201 rs10953026 rs9880529 rs7124459 rs9318232 rs4459845 rs2748805 rs17814868 rs10814589 rs1875897 rs353694 rs10283250 -All -<u>-</u>2 -1 MR effect size for

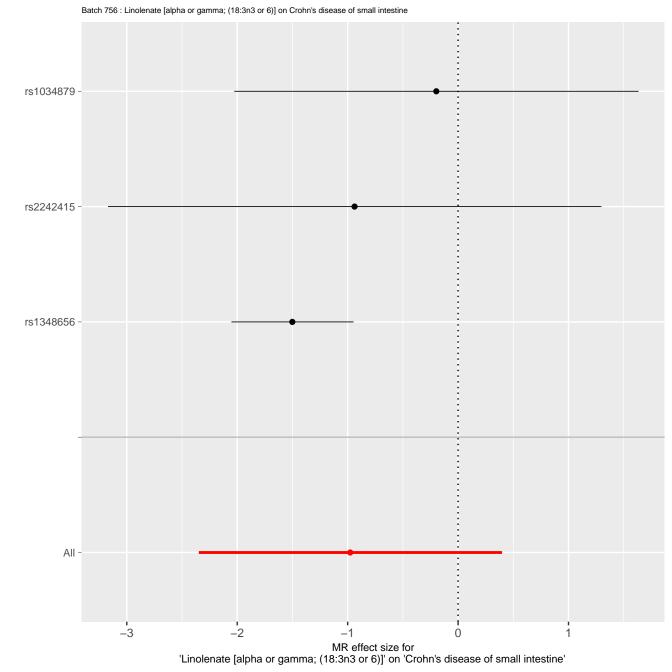
'1-palmitoylglycerophosphocholine' on 'Crohn's disease of small intestine'

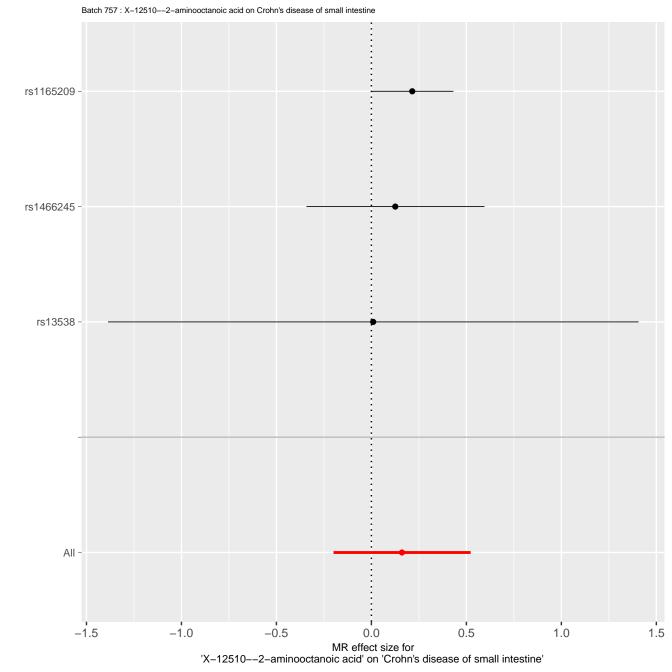


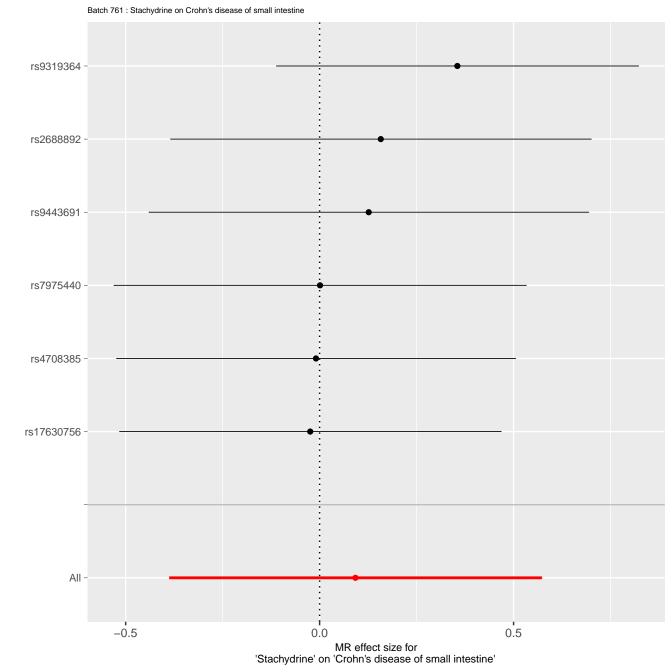


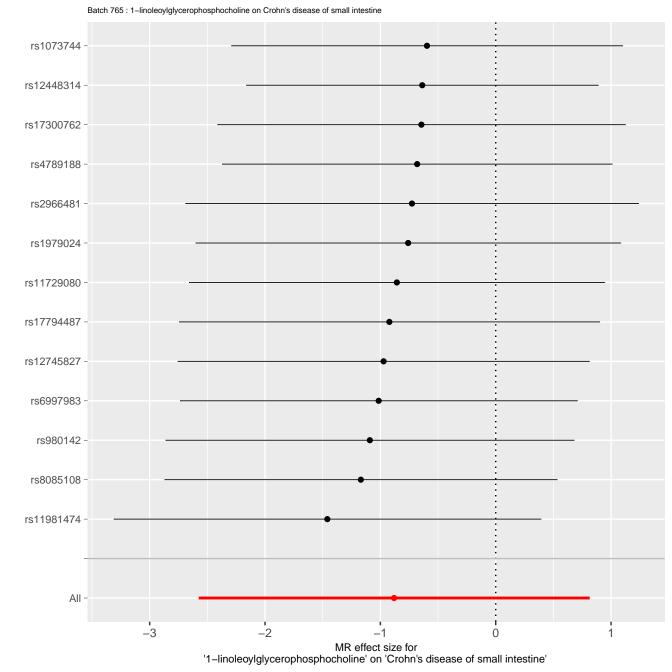


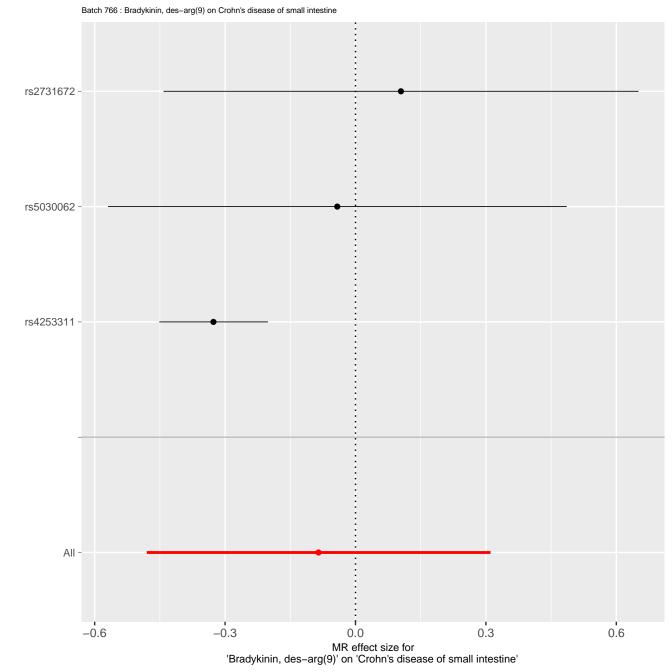


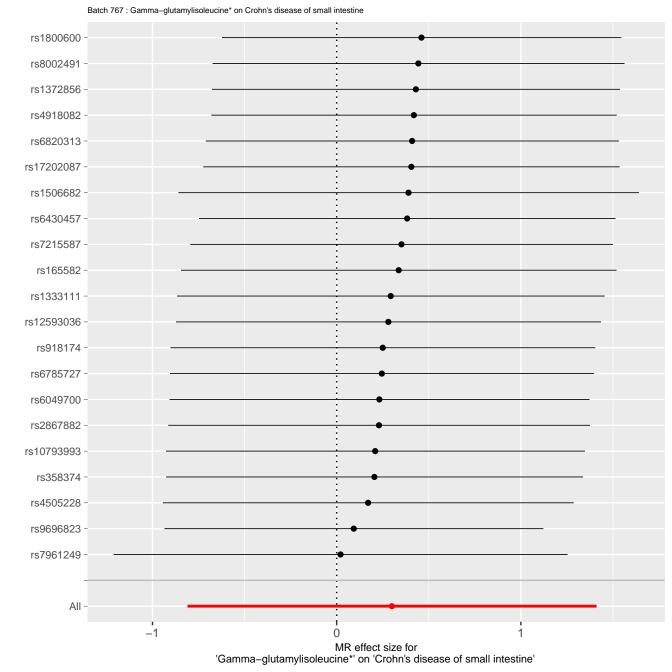


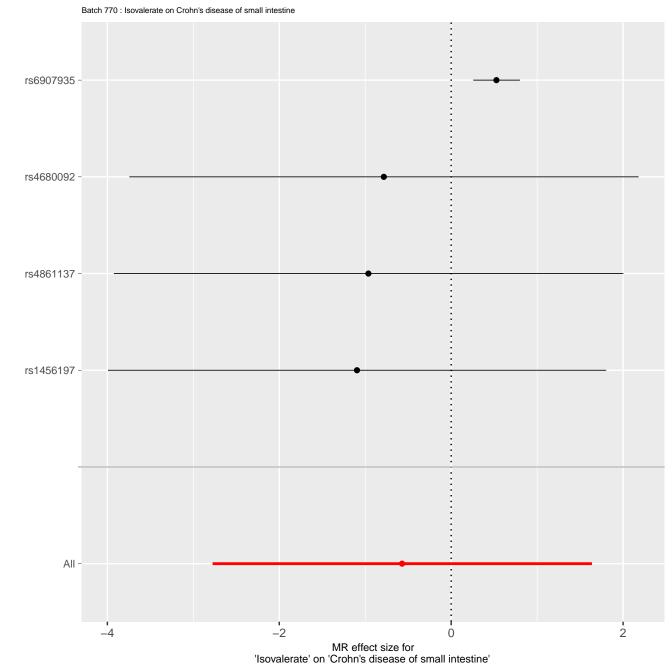


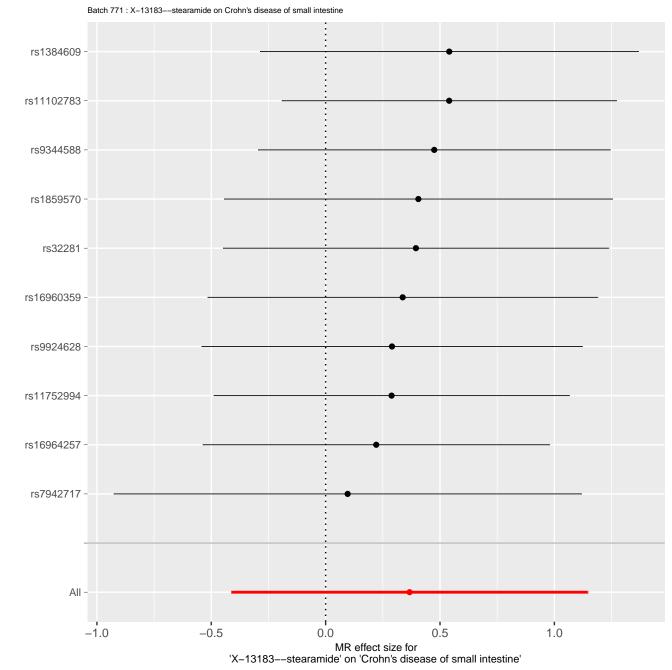


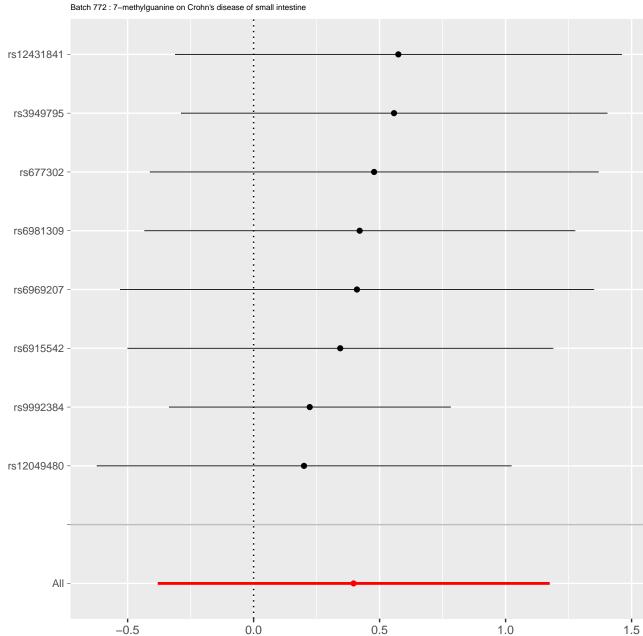




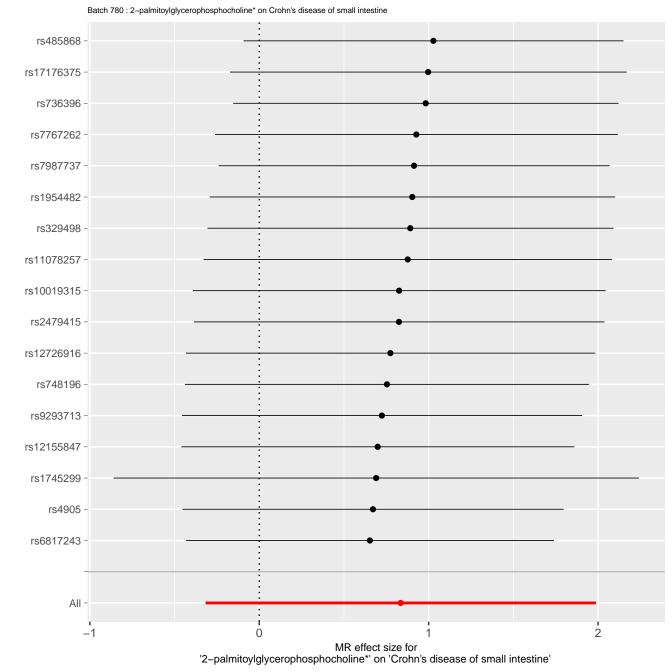


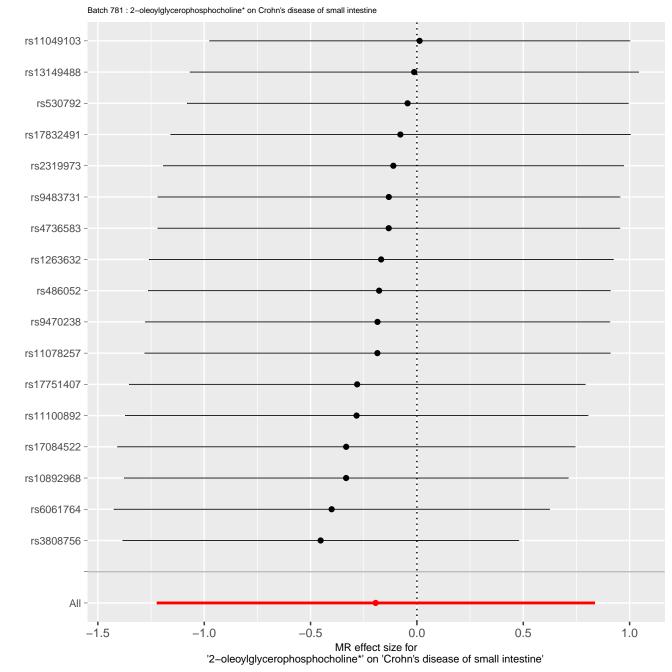


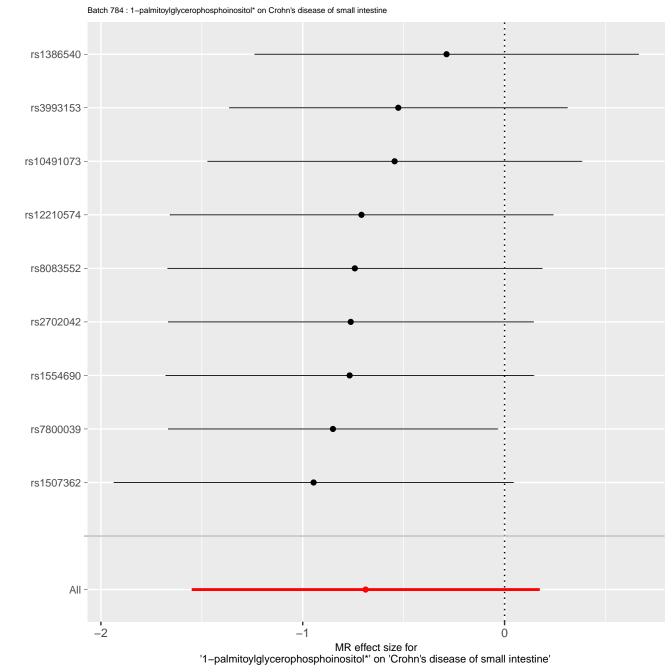


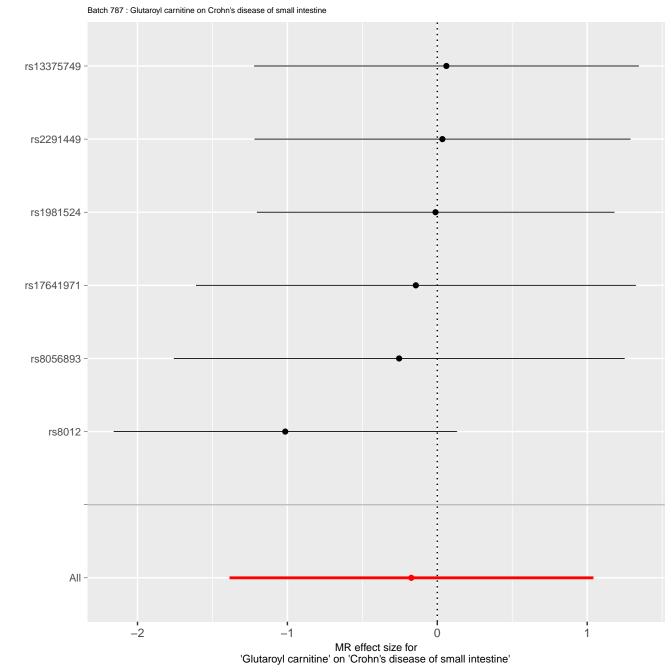


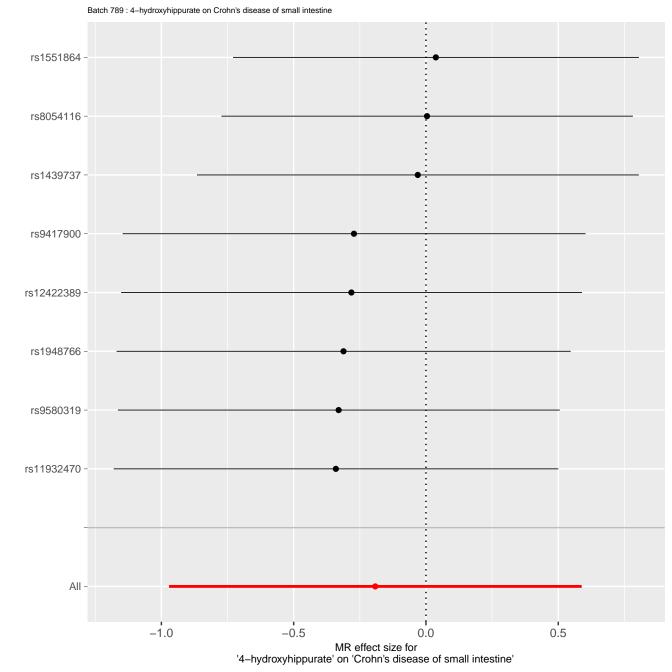
MR effect size for '7-methylguanine' on 'Crohn's disease of small intestine'

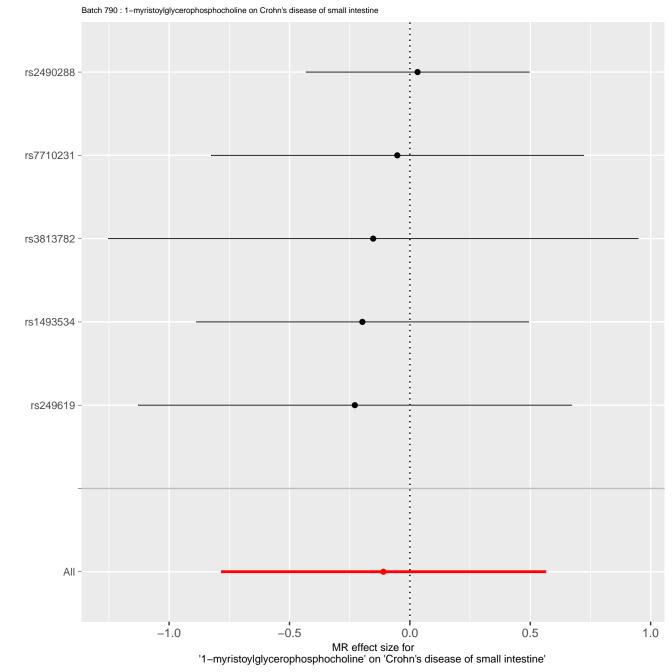


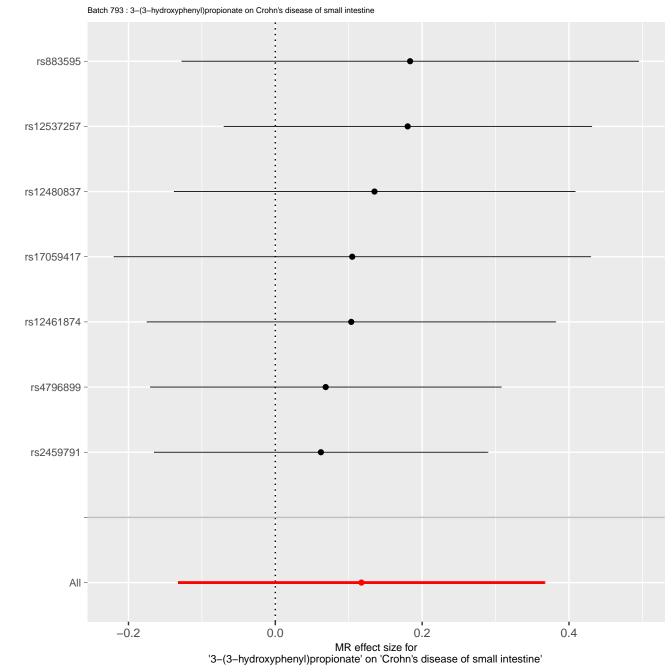


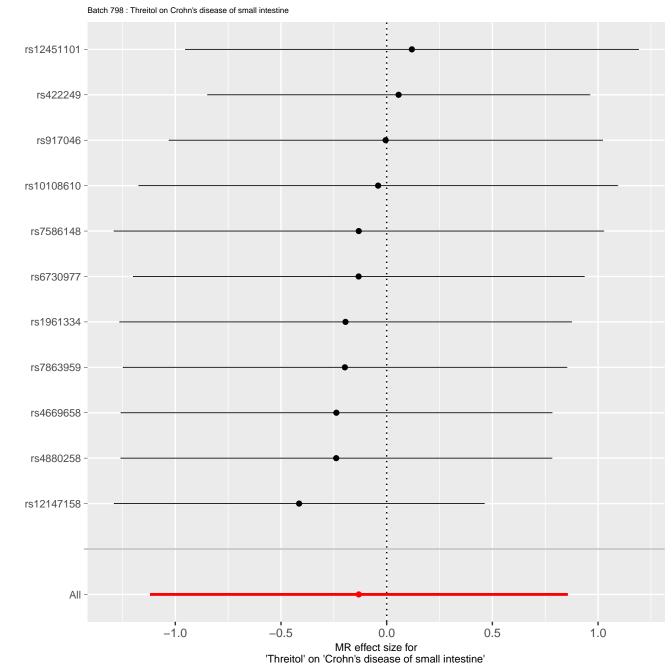


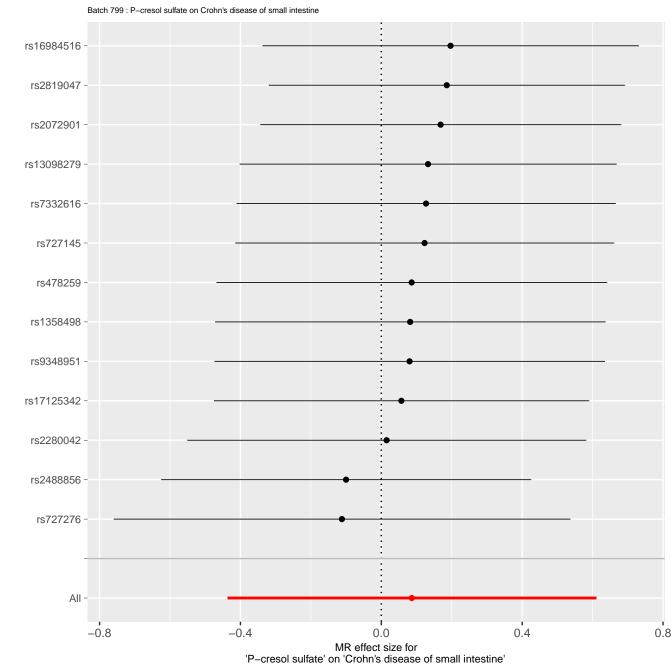


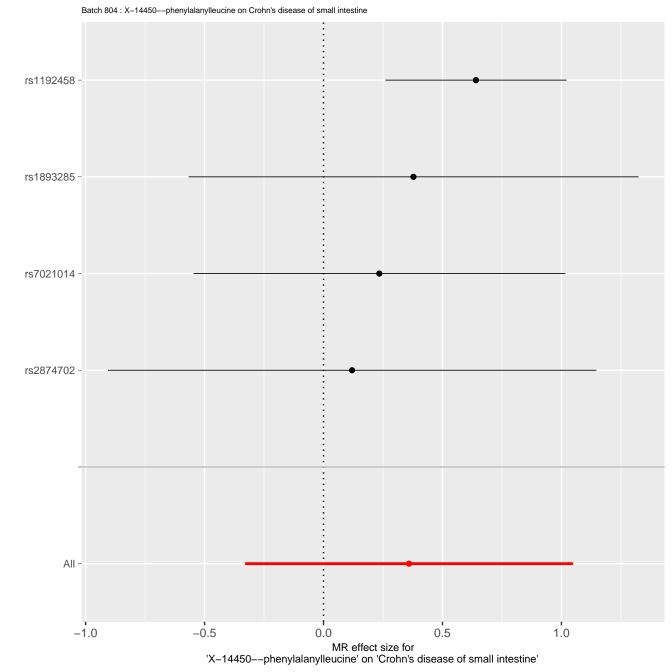


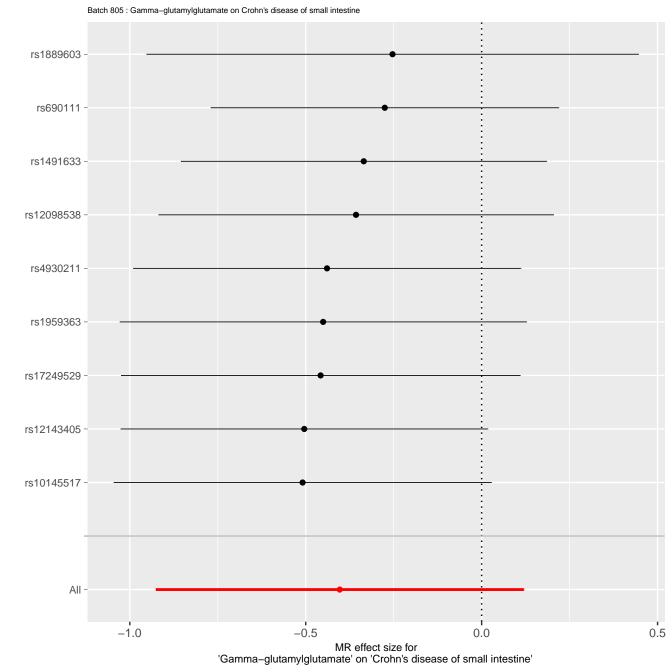


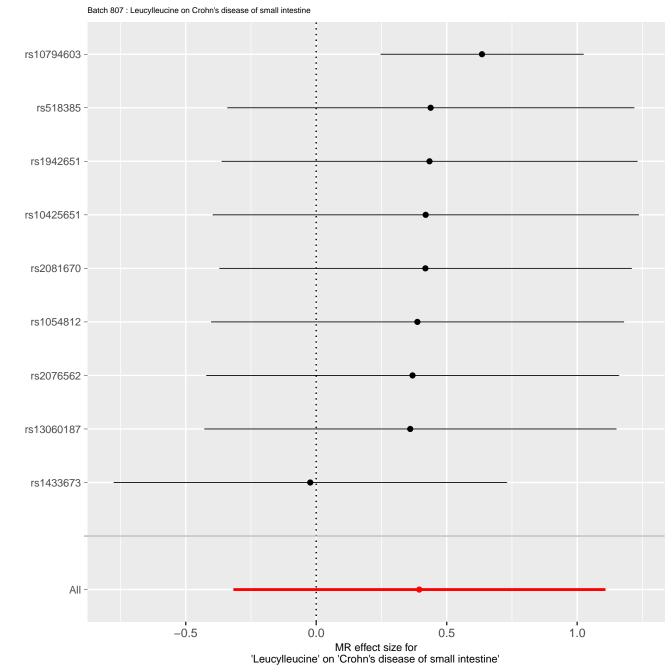


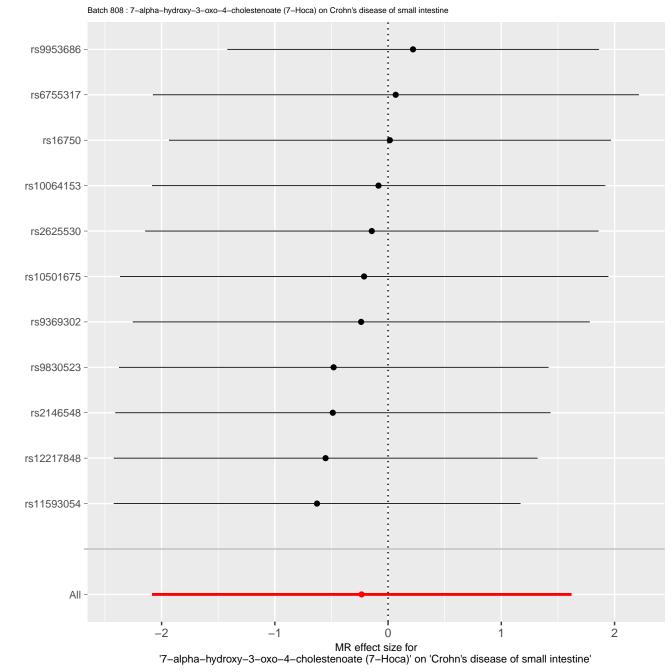


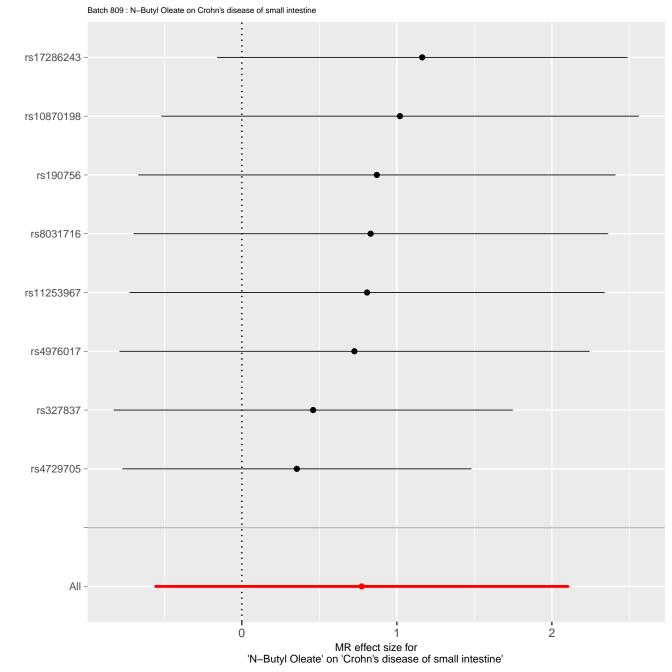


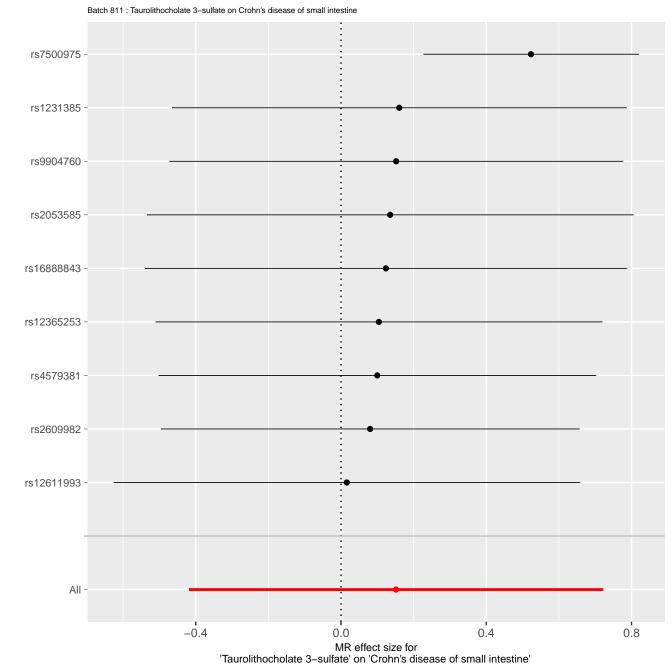


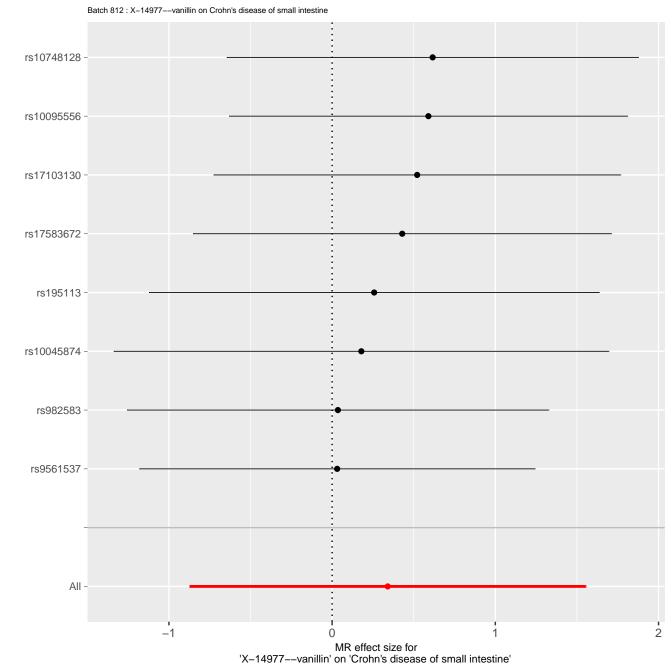


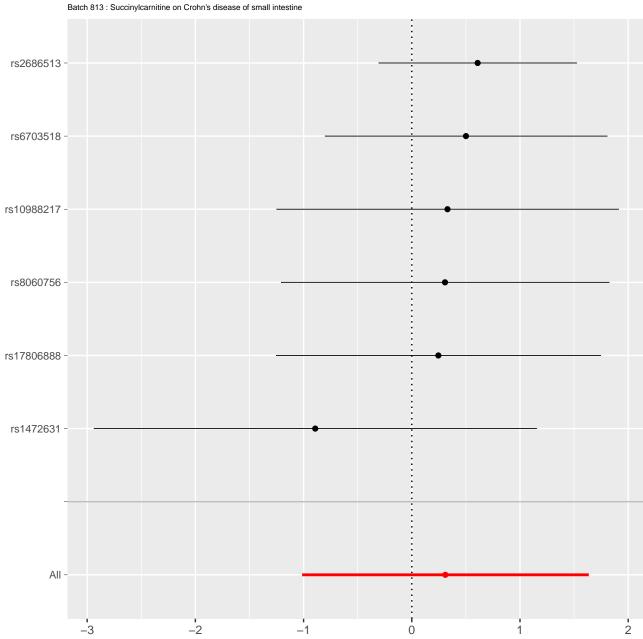




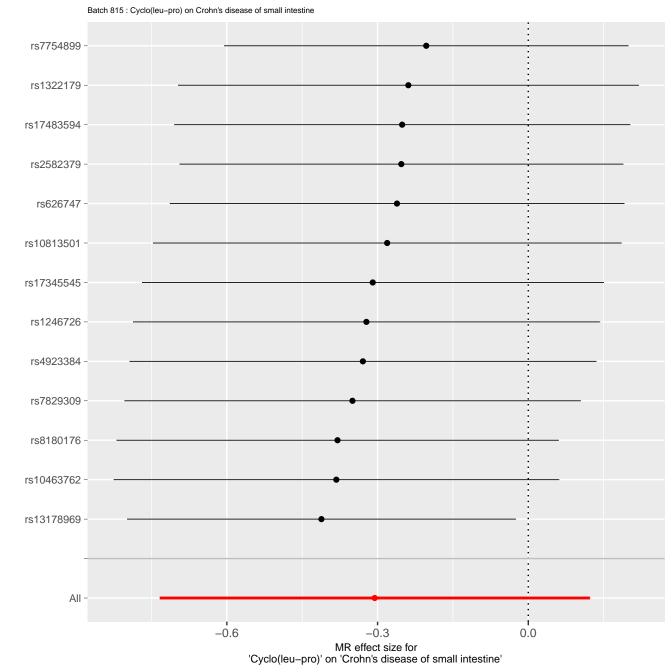


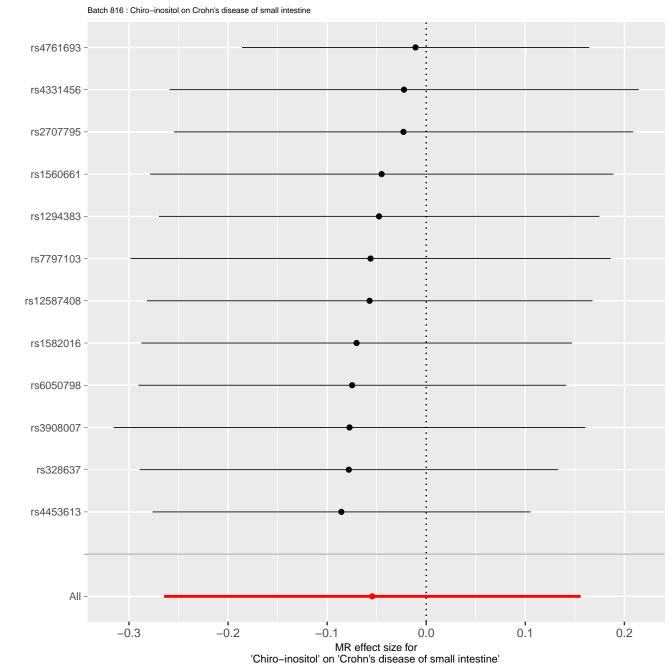


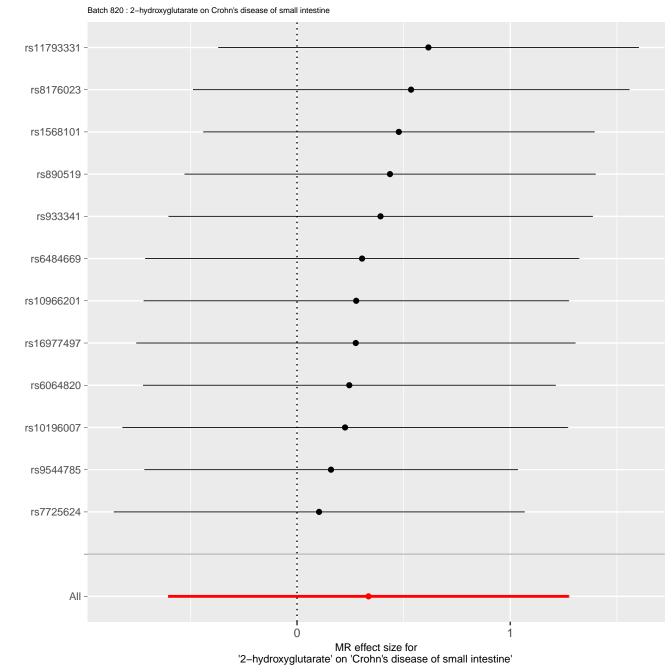


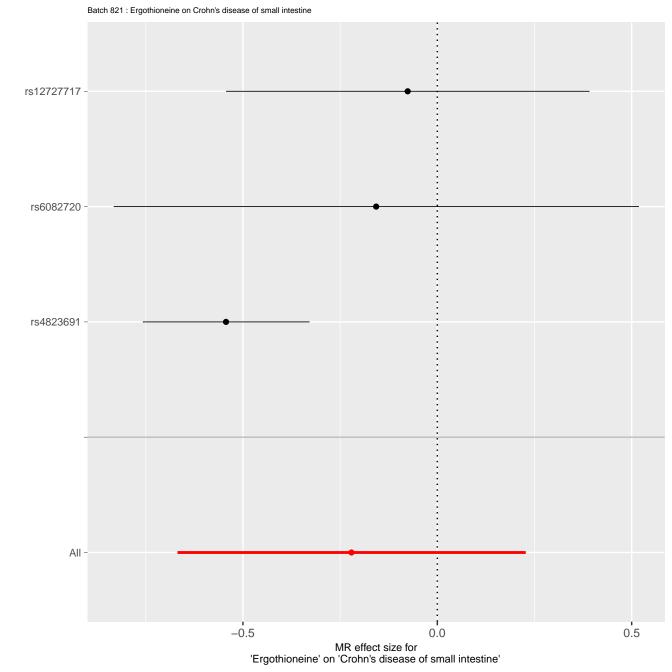


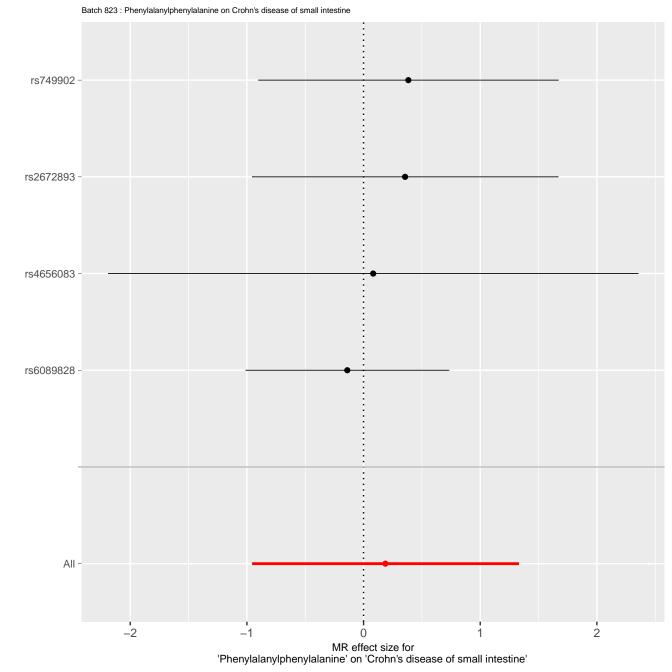
MR effect size for 'Succinylcarnitine' on 'Crohn's disease of small intestine'

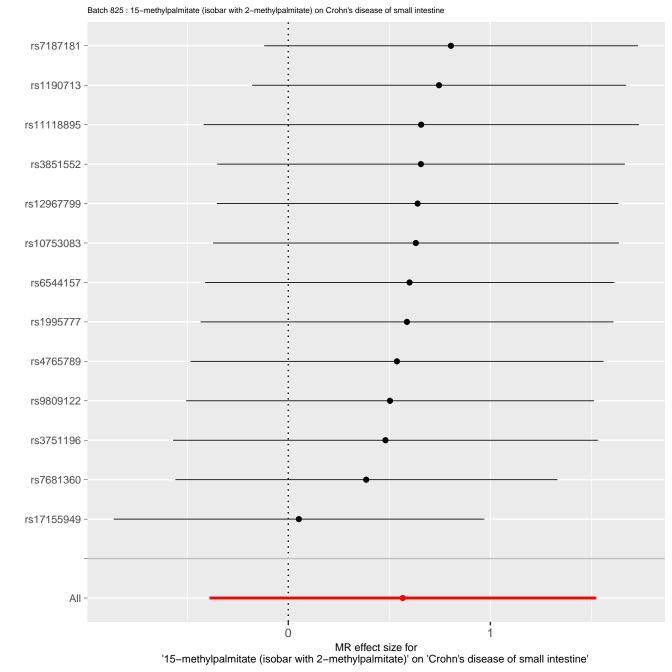


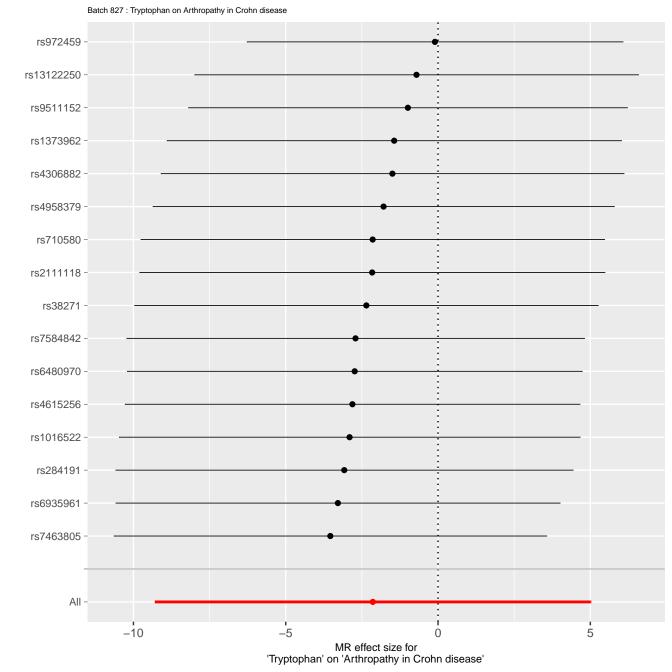


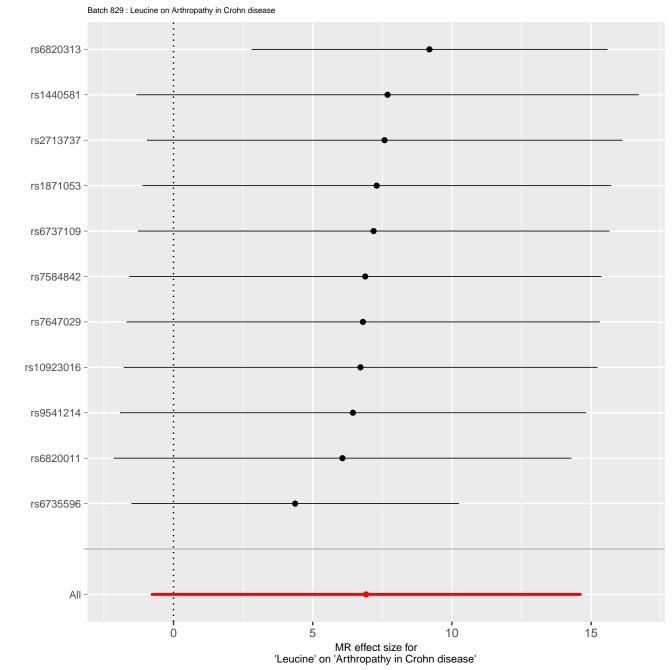


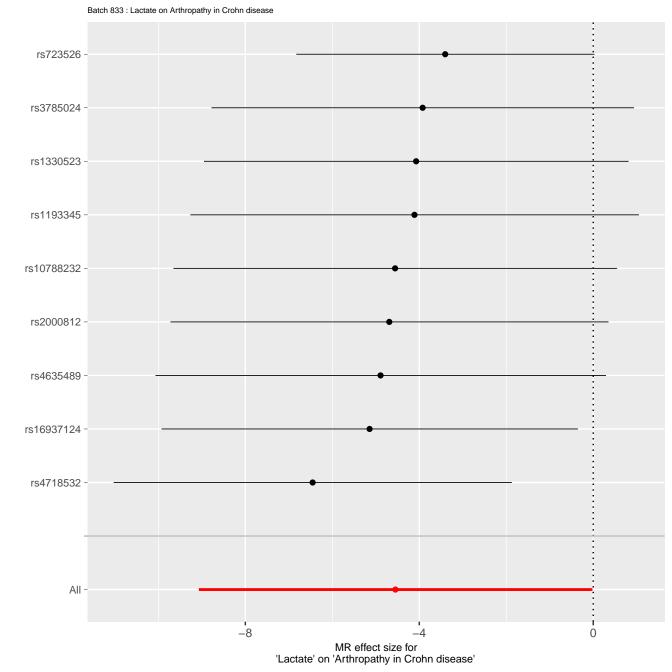


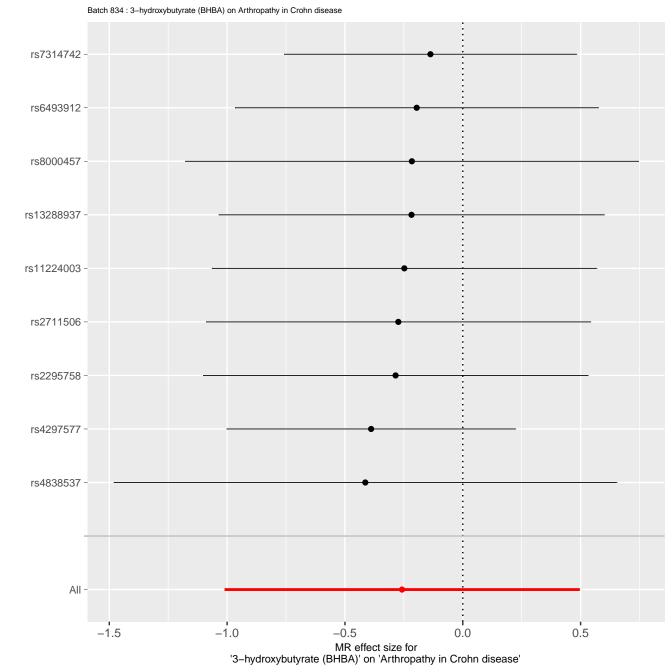


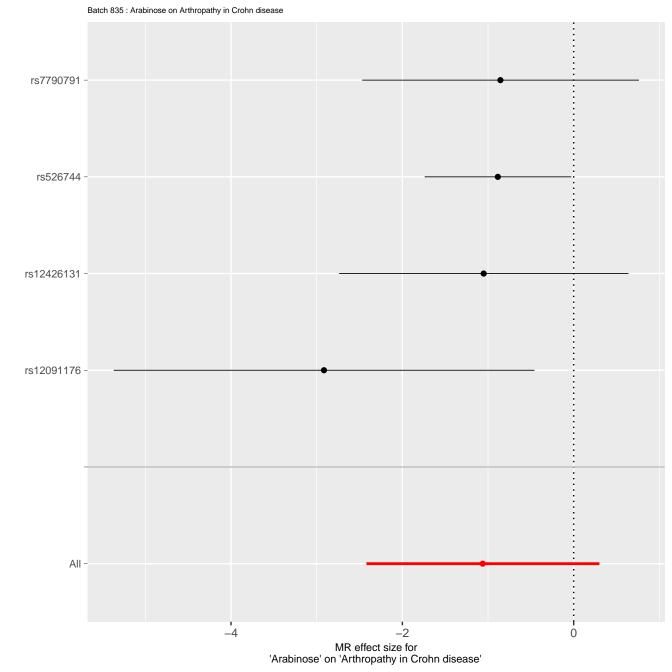


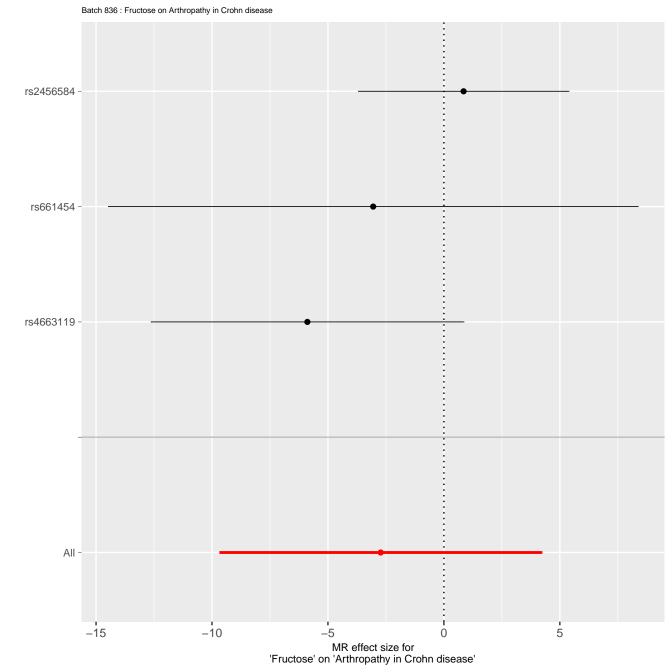


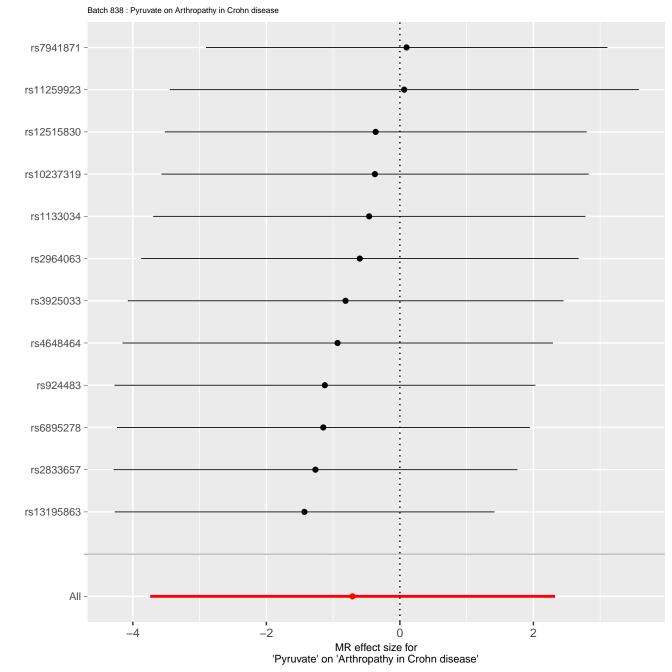


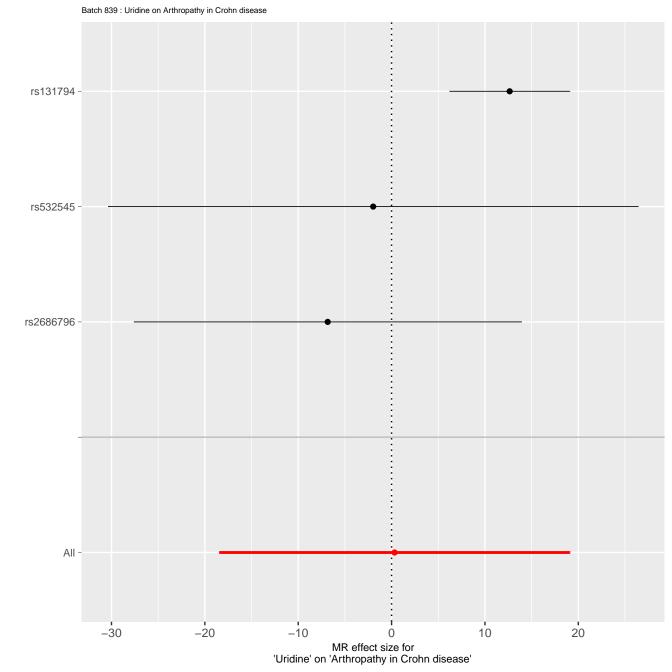


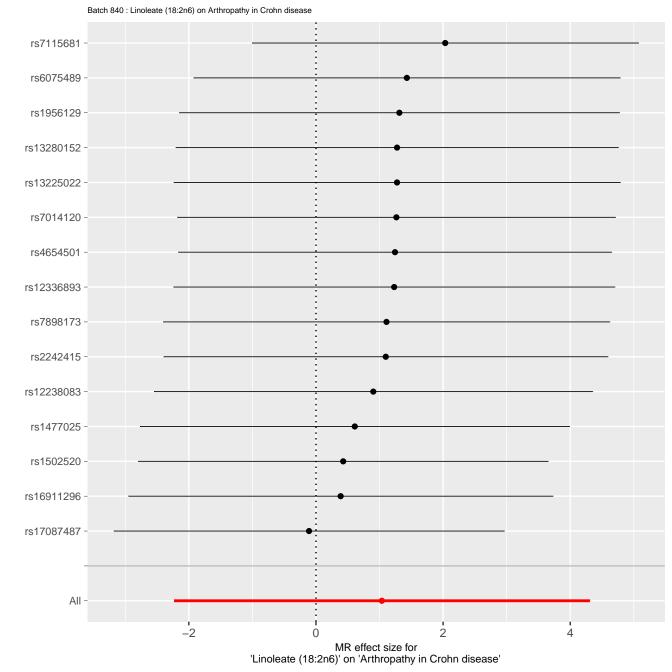


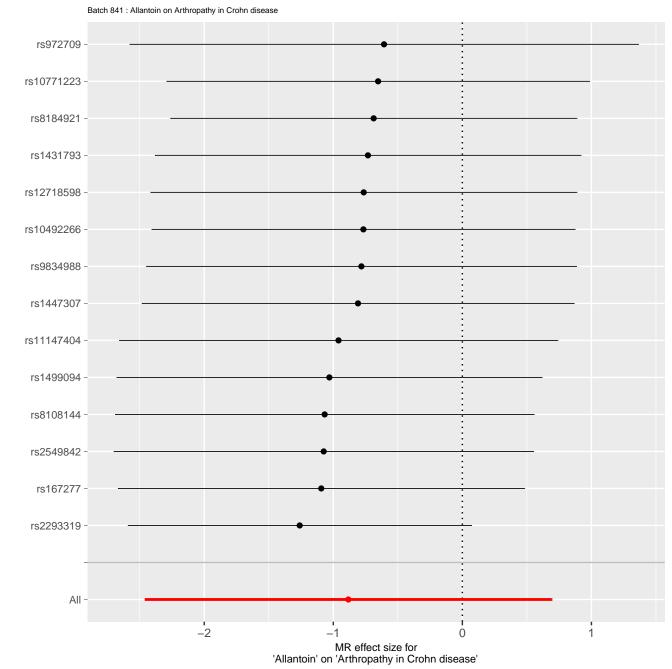


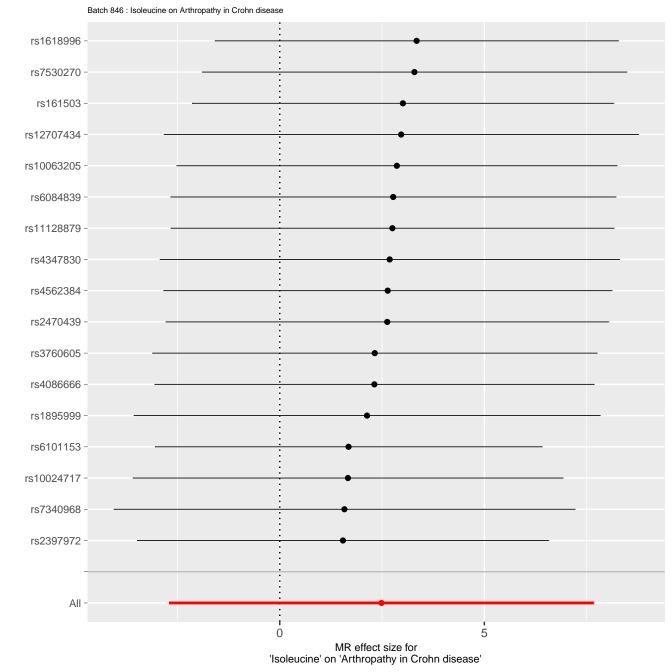


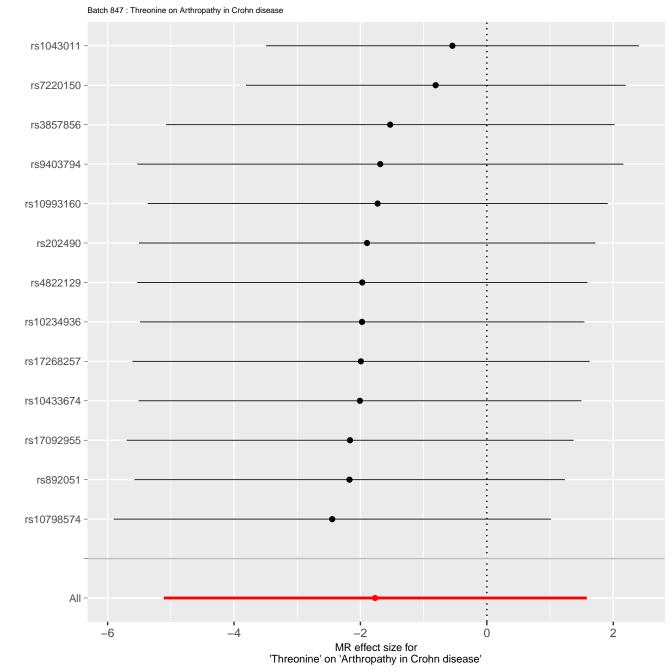


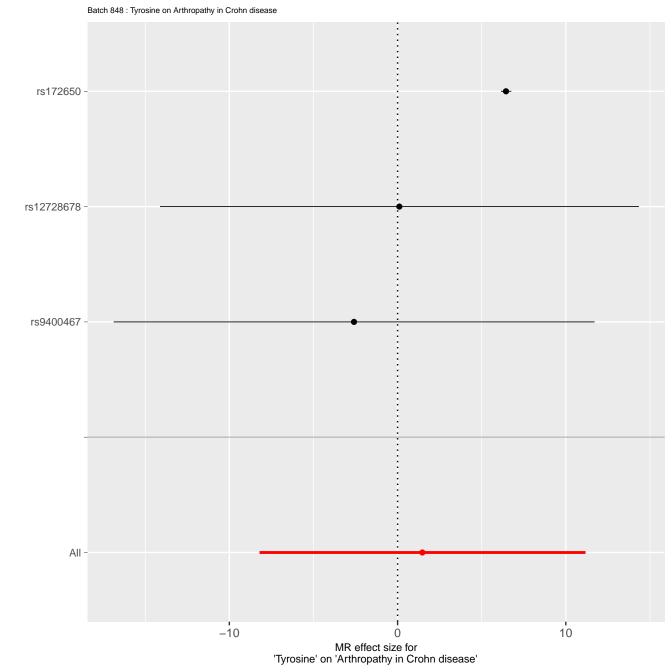


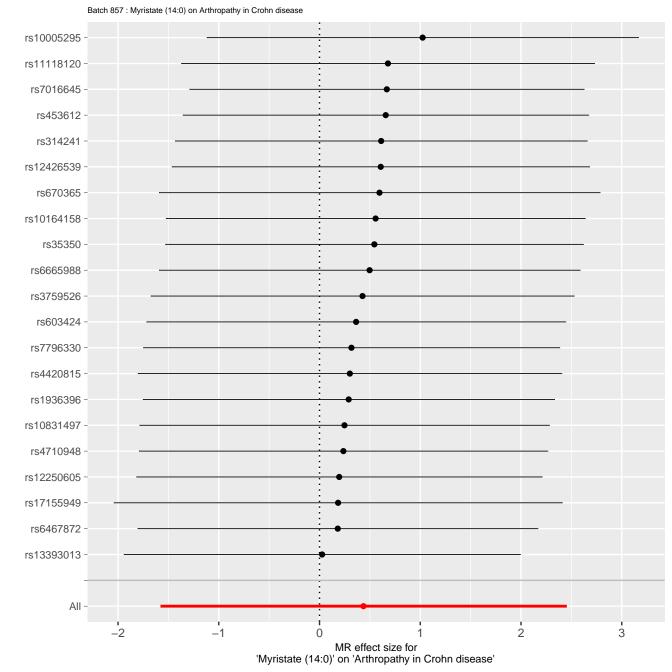


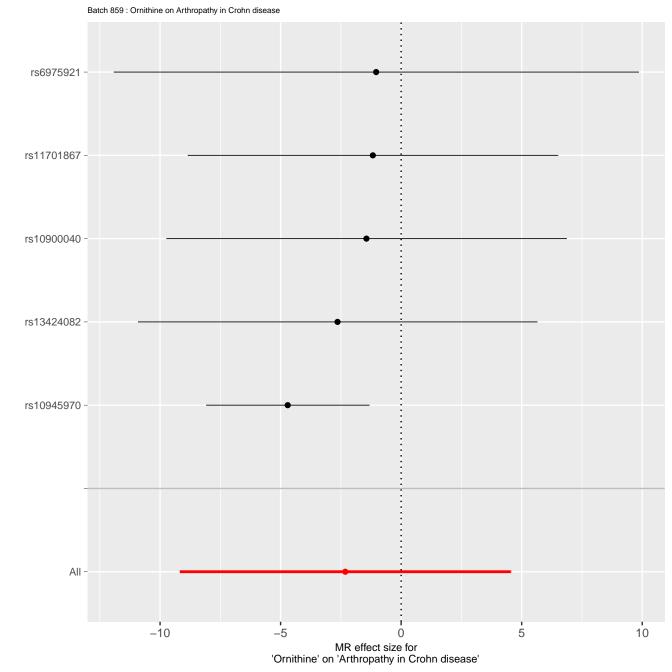


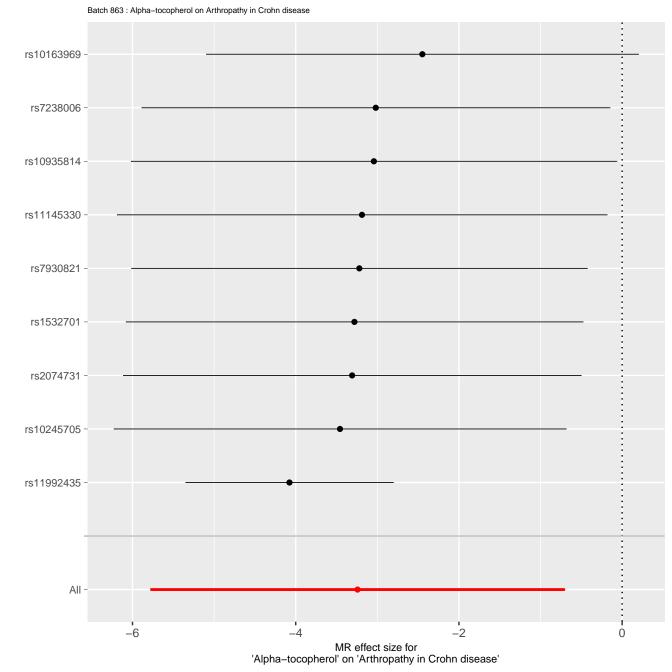


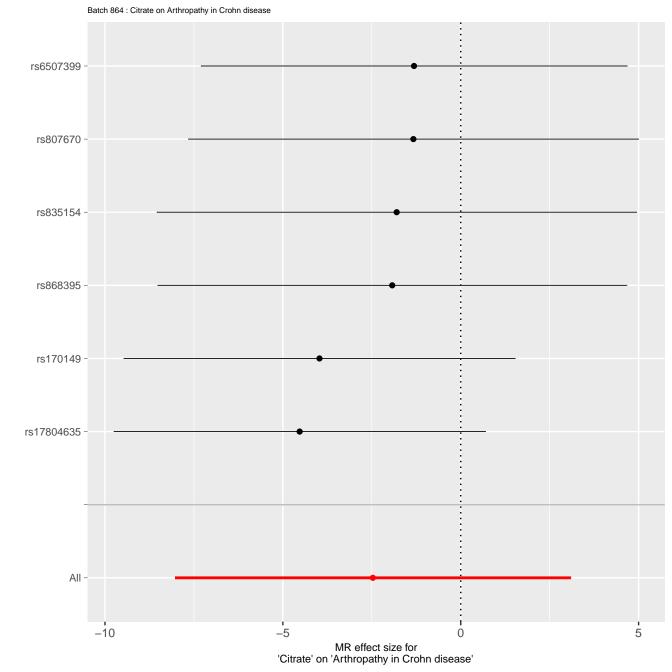


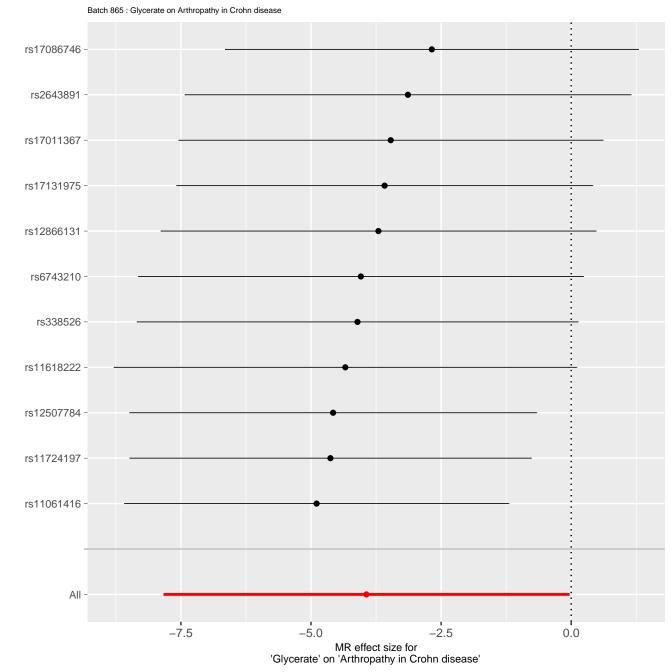


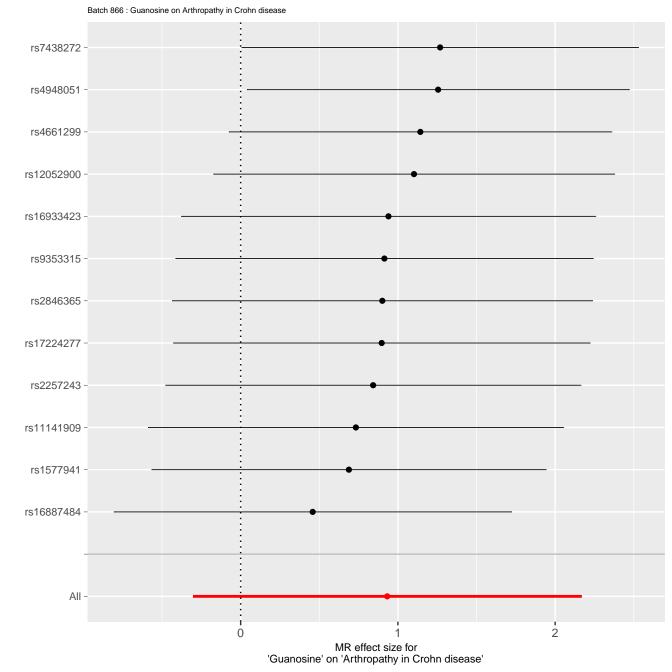


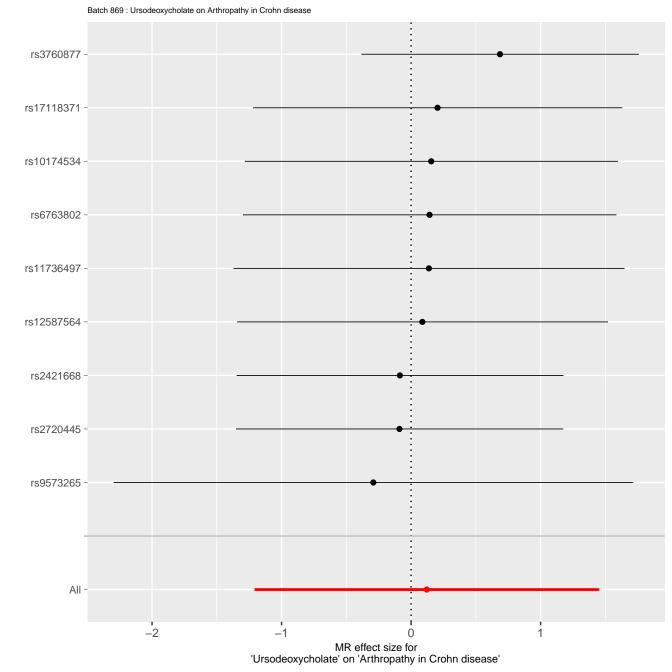


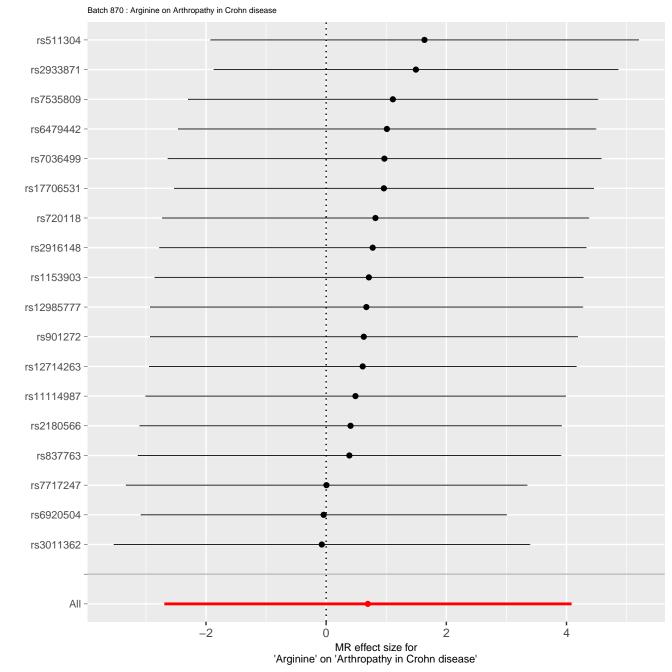


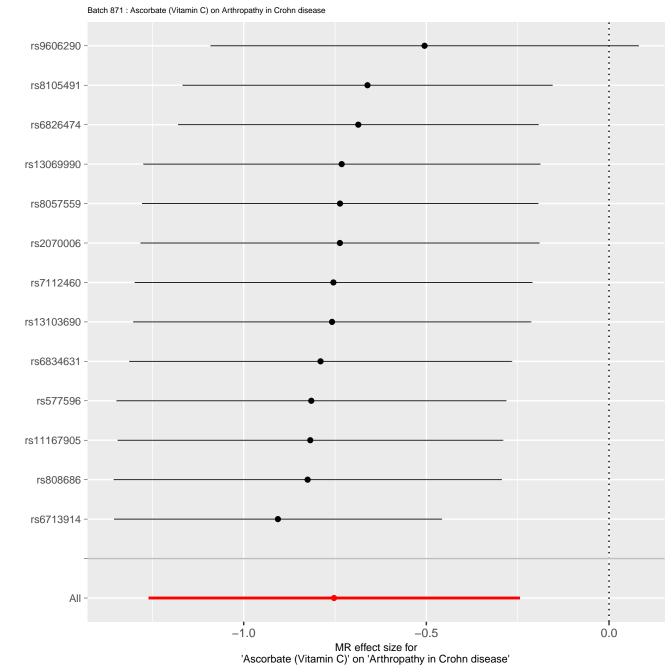


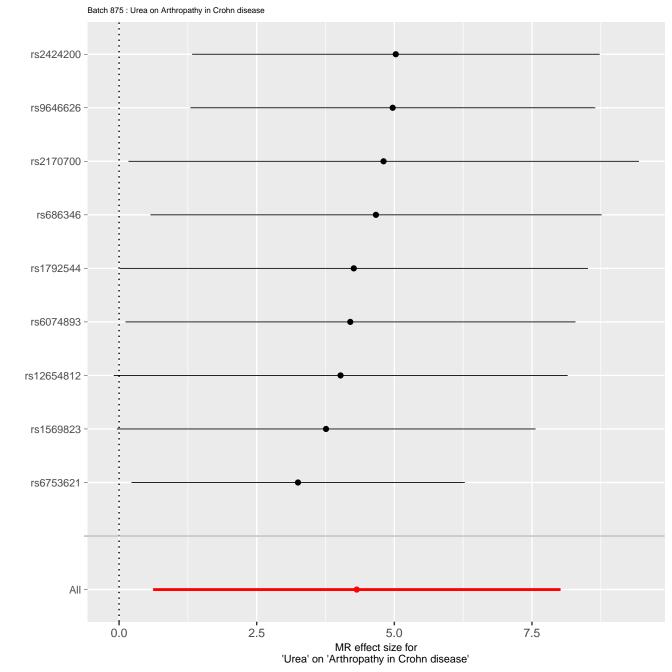


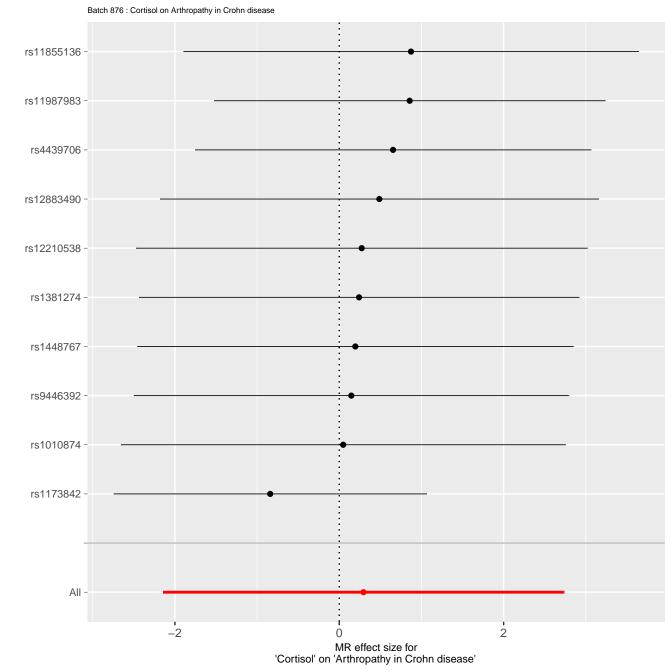


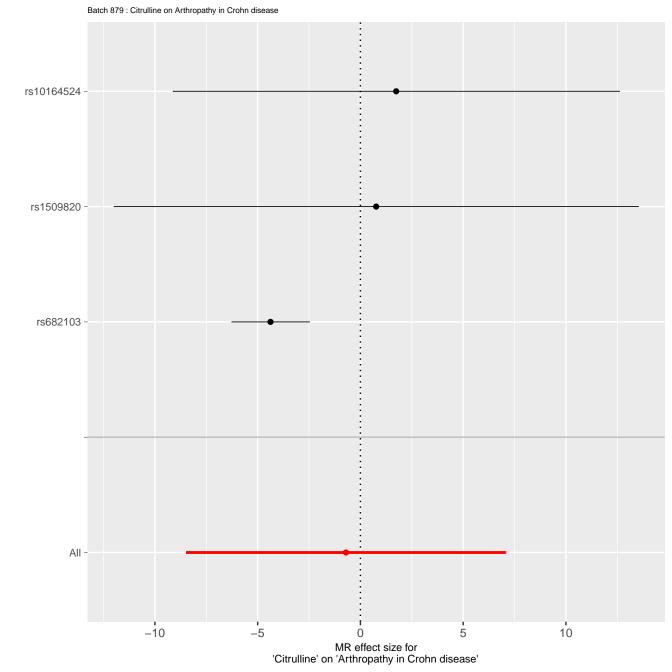


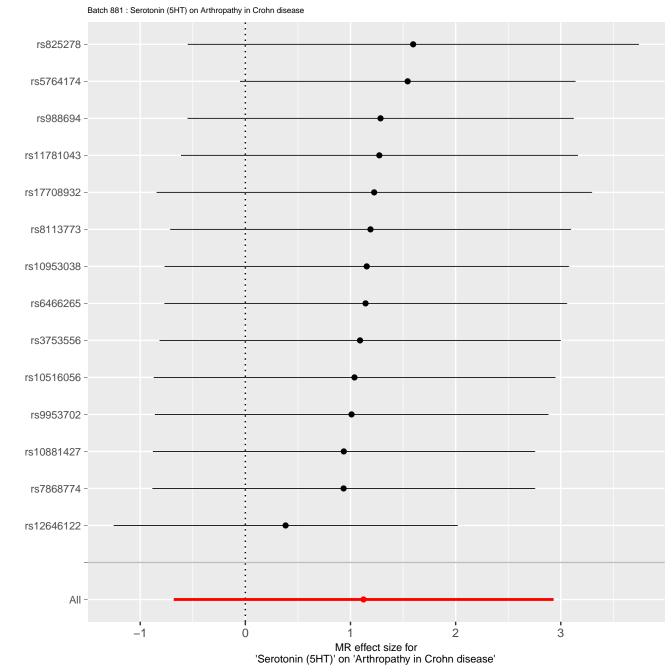


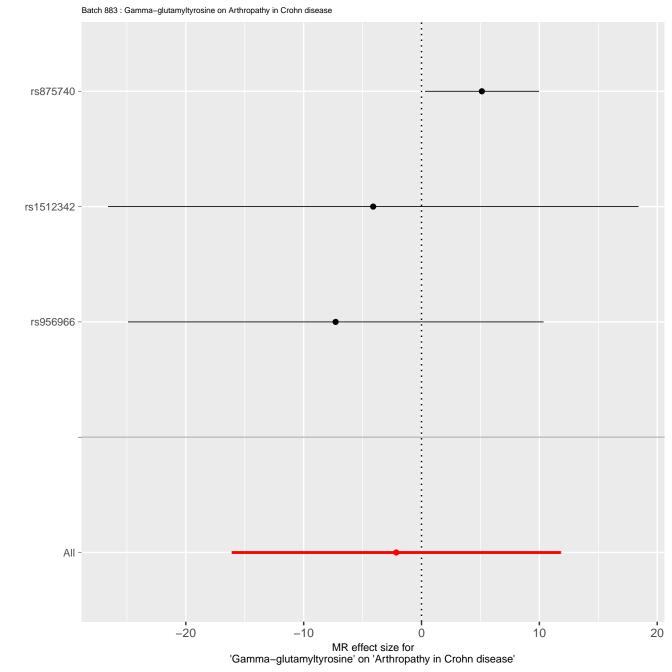


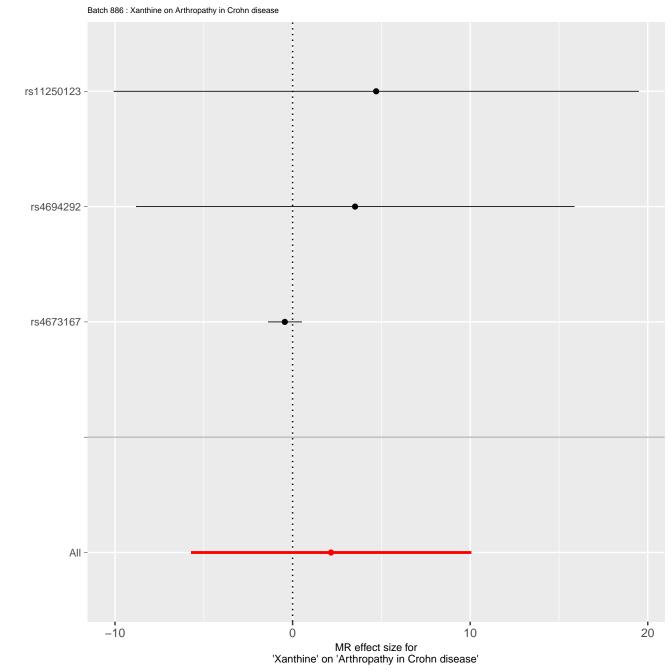


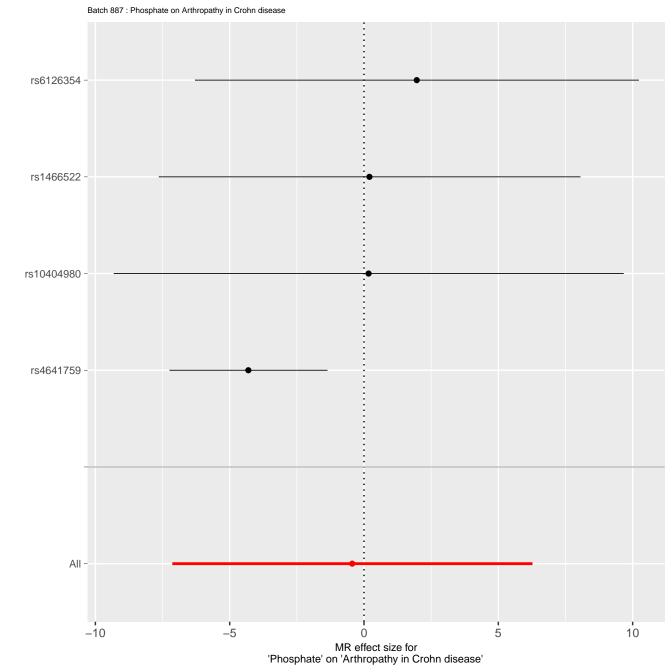


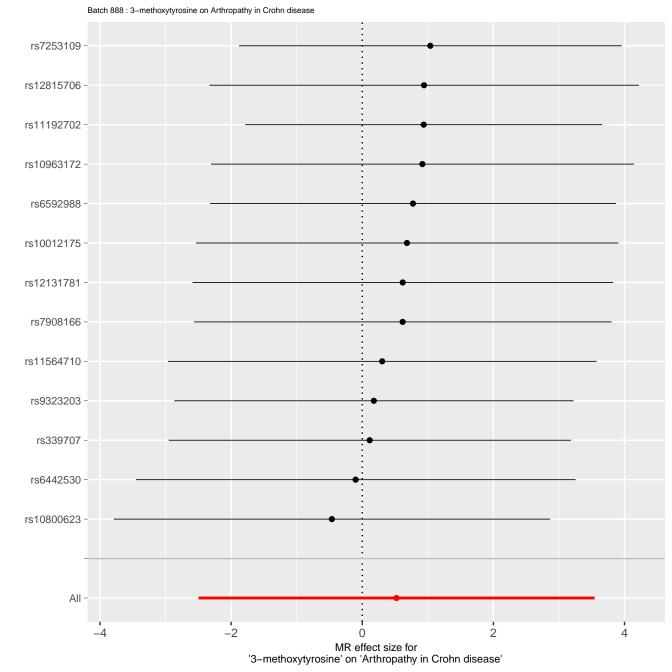


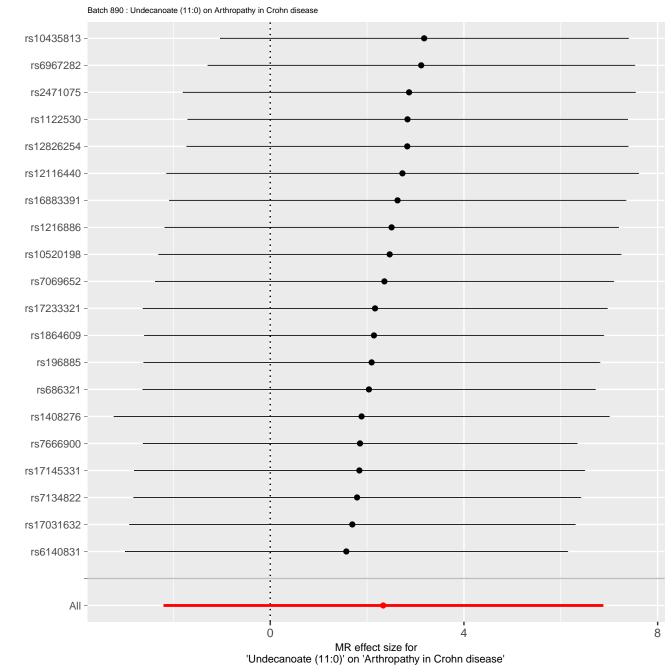


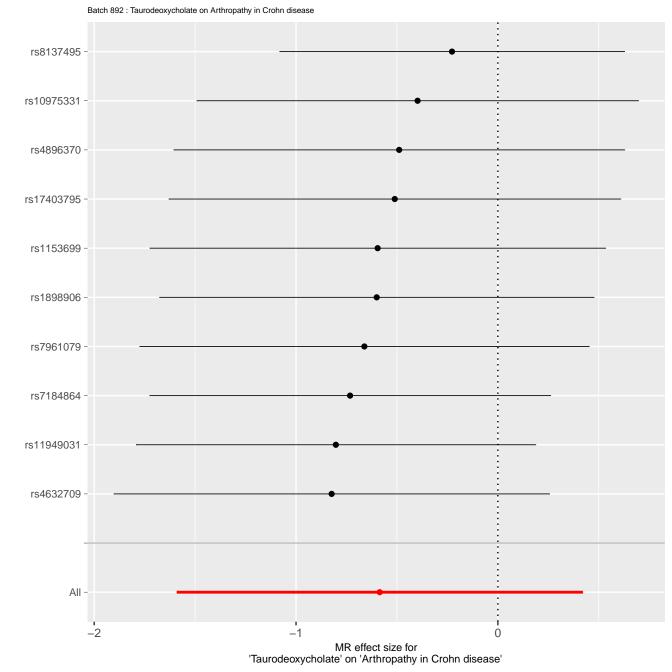


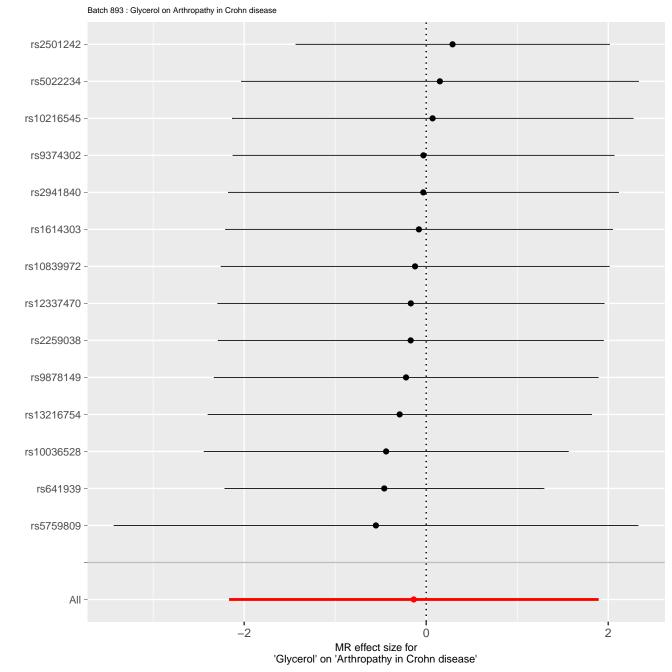


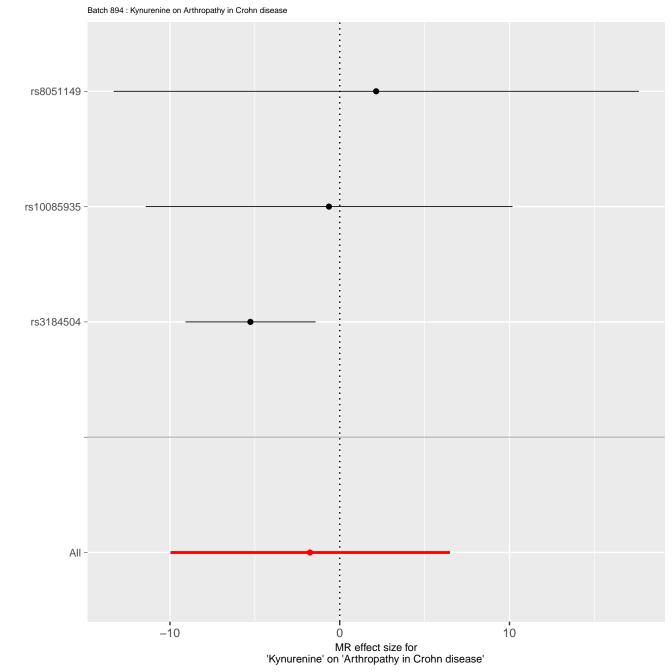


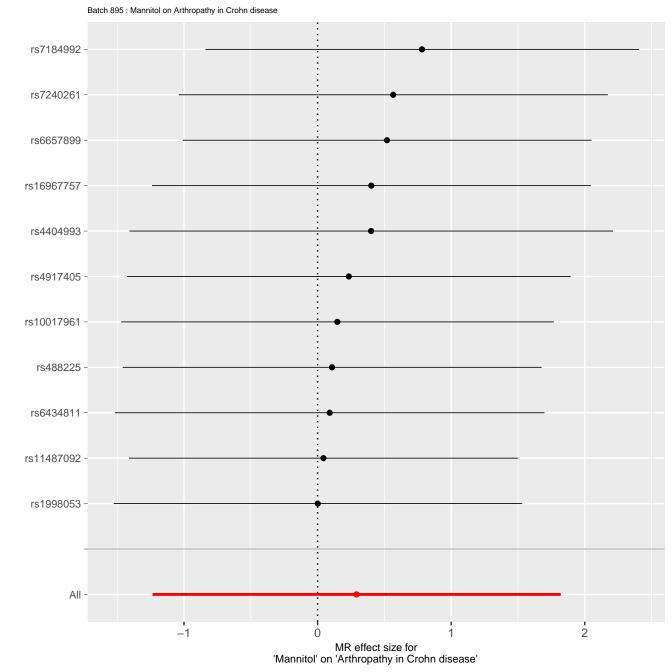


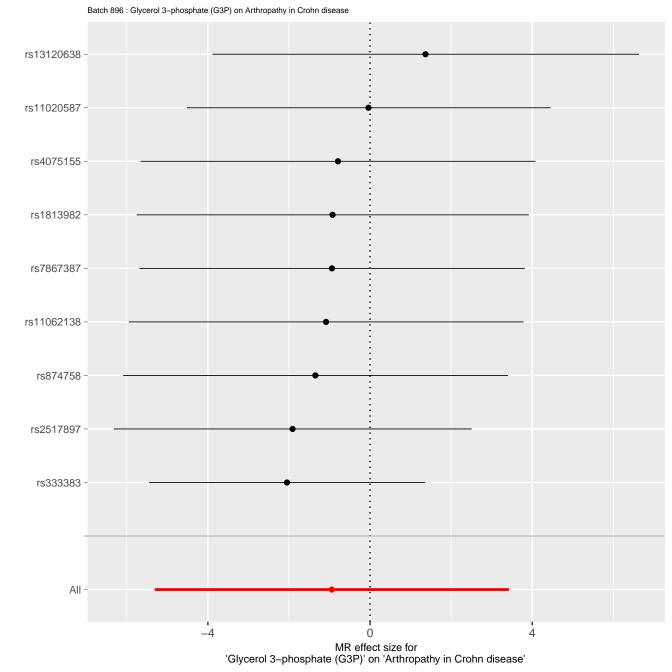


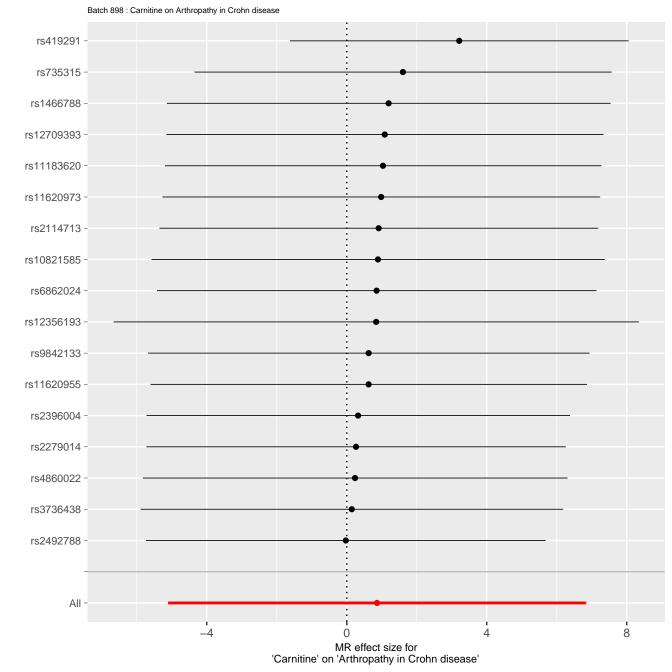


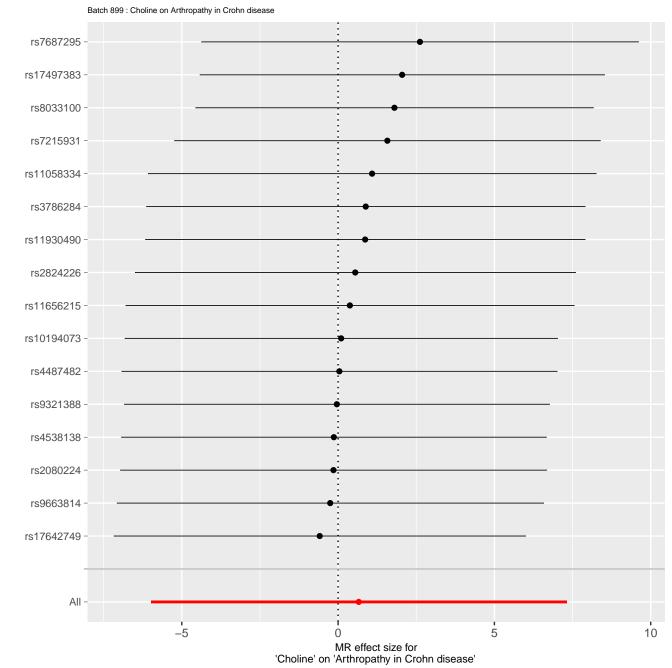


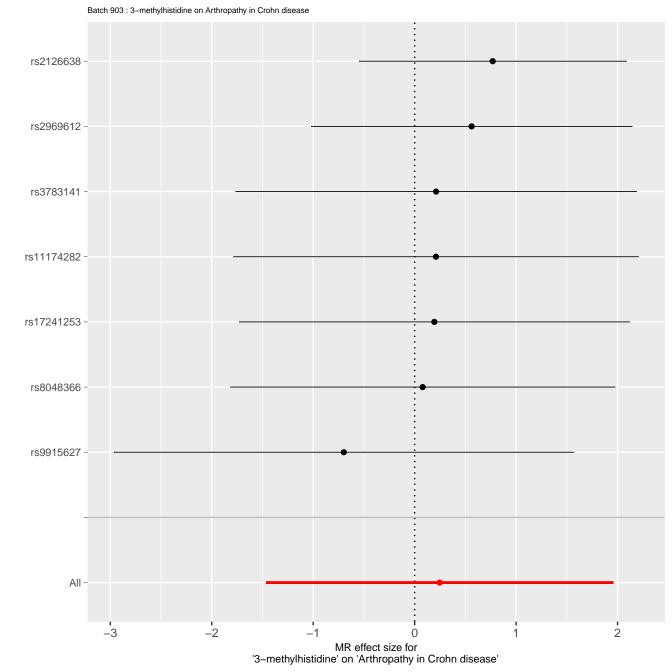


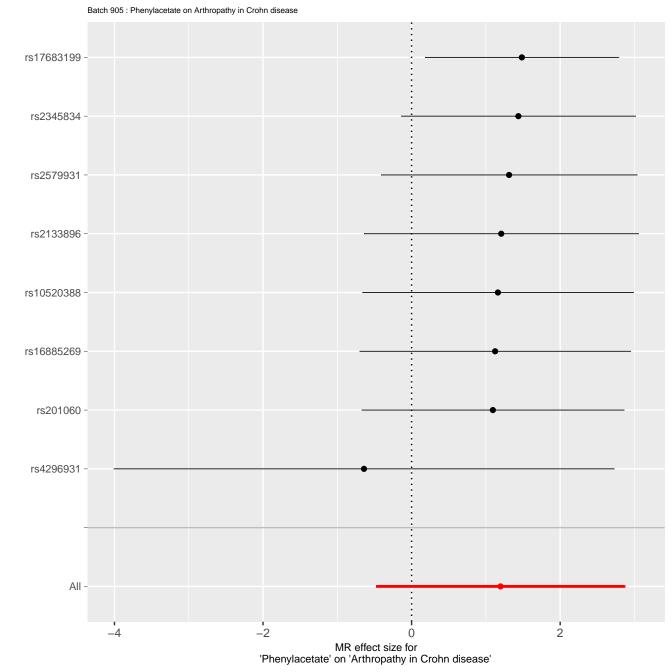


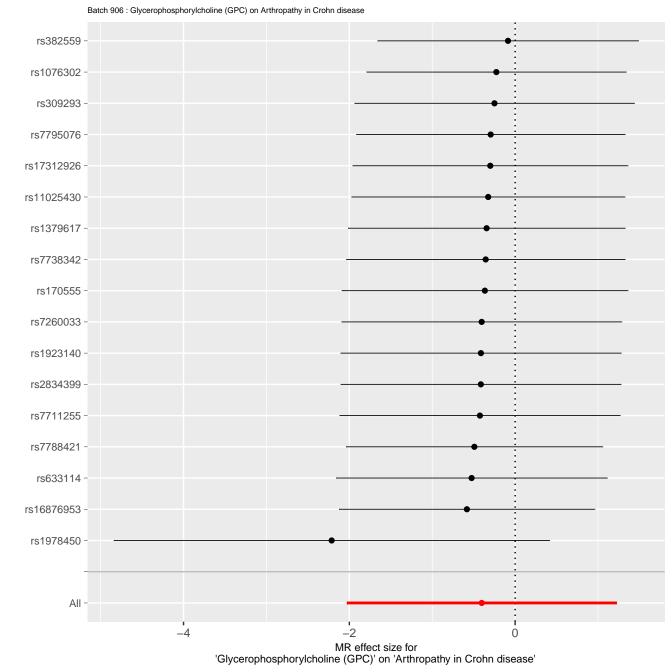


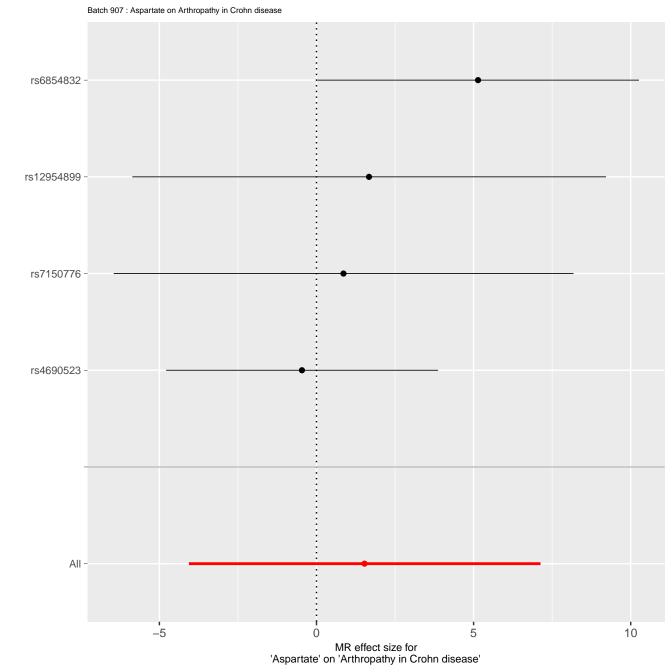


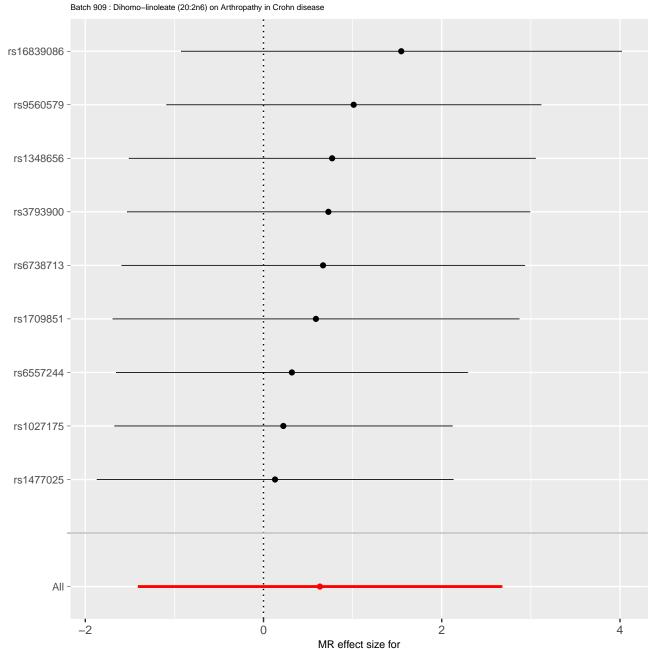








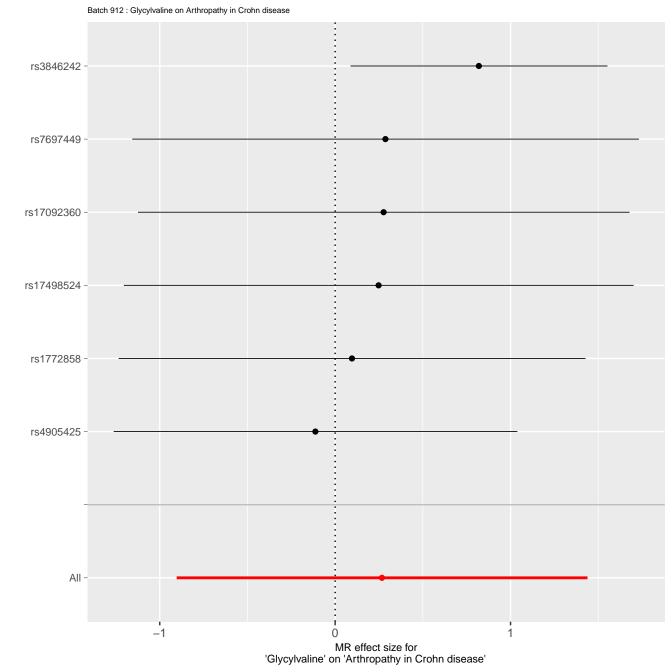




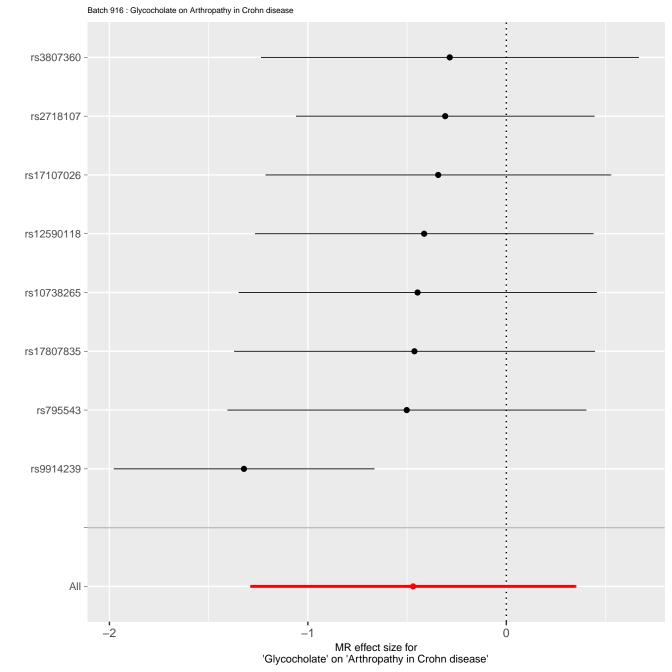
'Dihomo-linoleate (20:2n6)' on 'Arthropathy in Crohn disease'

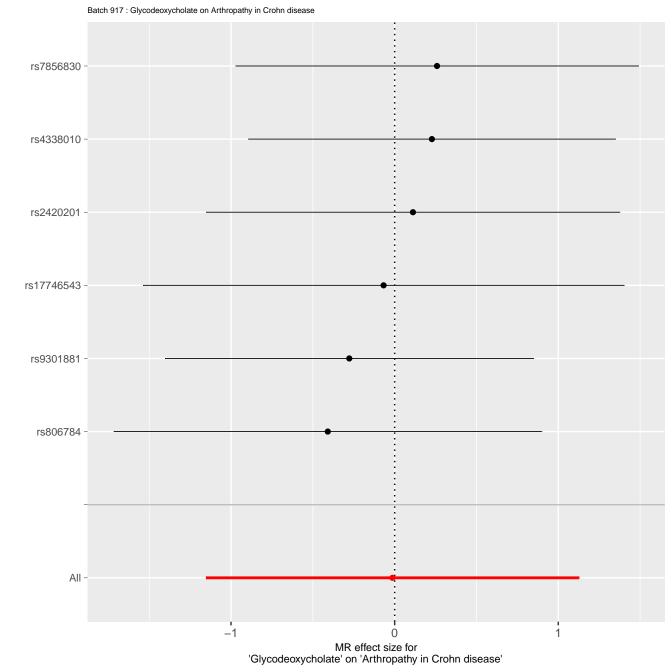
'2-hydroxystearate' on 'Arthropathy in Crohn disease'

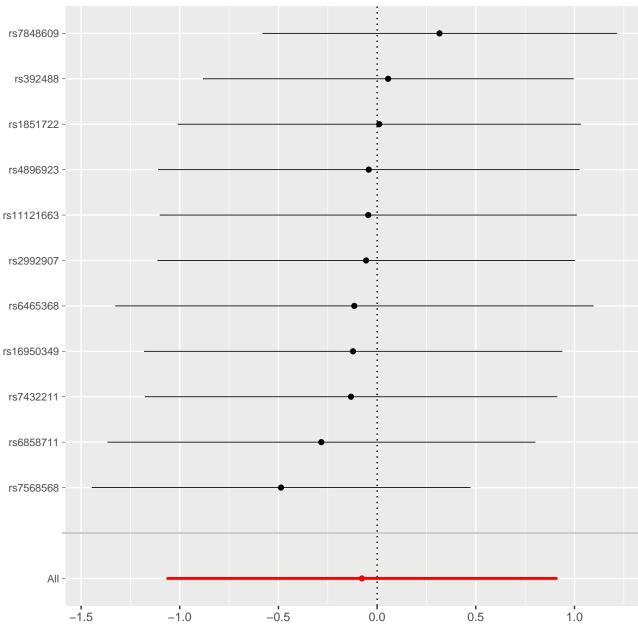
Batch 910: 2-hydroxystearate on Arthropathy in Crohn disease



MR effect size for 'Gamma-glutamylleucine' on 'Arthropathy in Crohn disease'

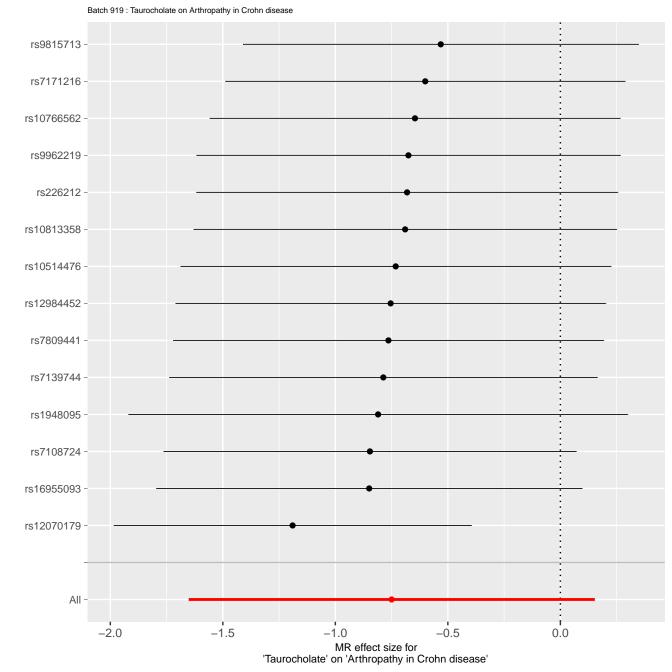


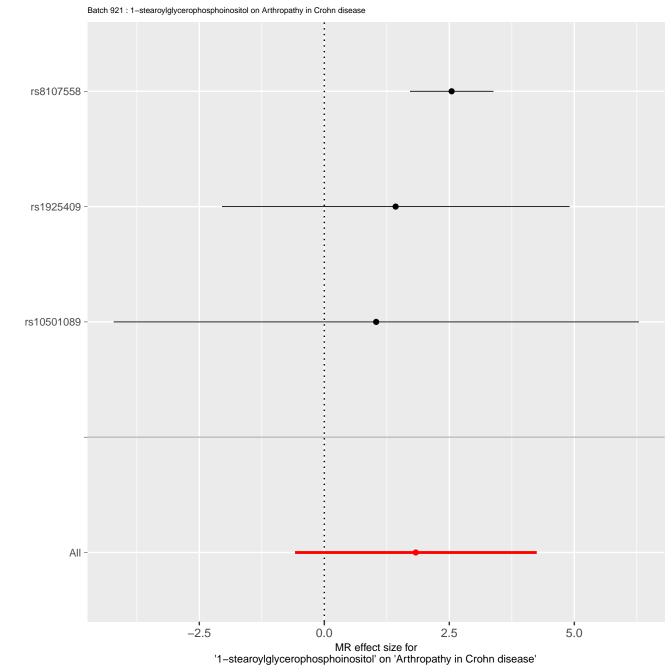


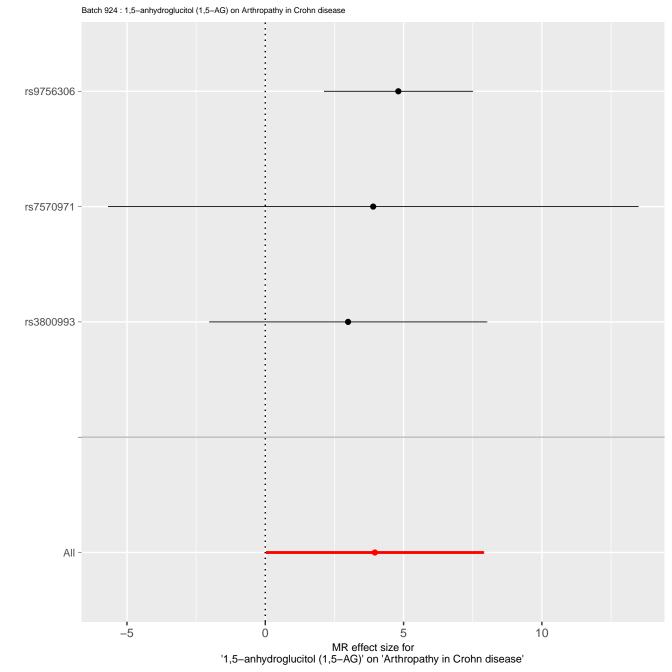


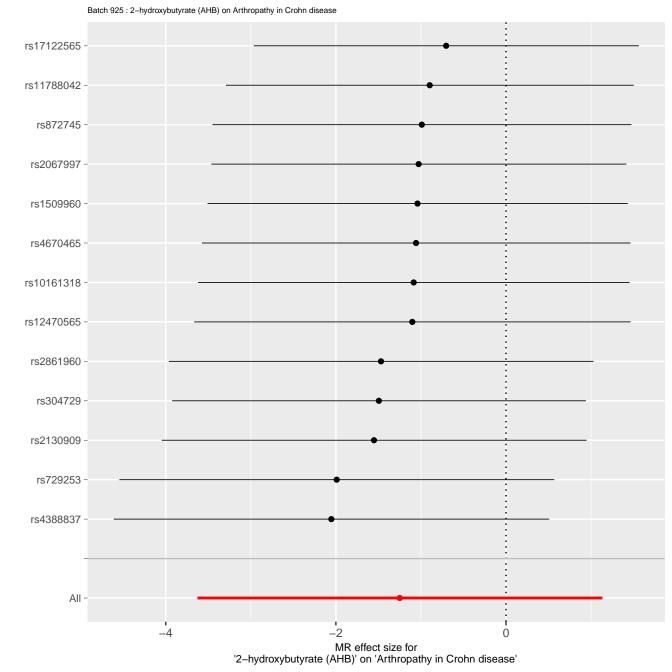
Batch 918 : Taurochenodeoxycholate on Arthropathy in Crohn disease

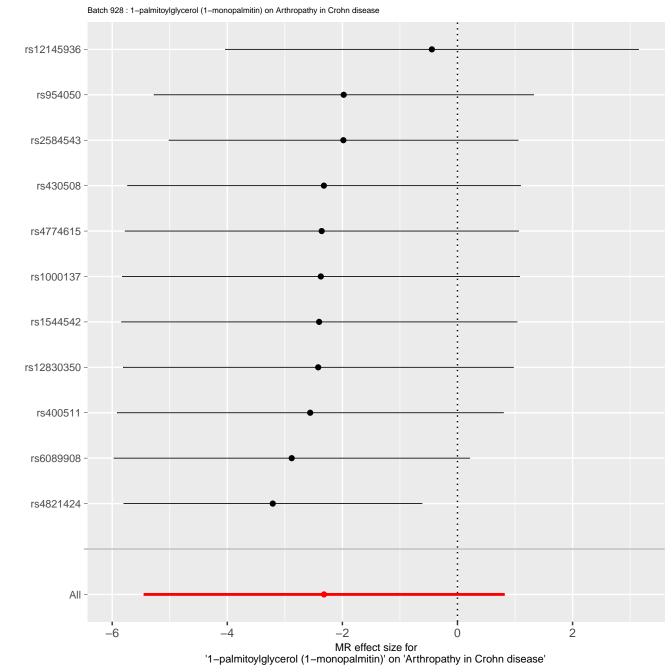
MR effect size for 'Taurochenodeoxycholate' on 'Arthropathy in Crohn disease'

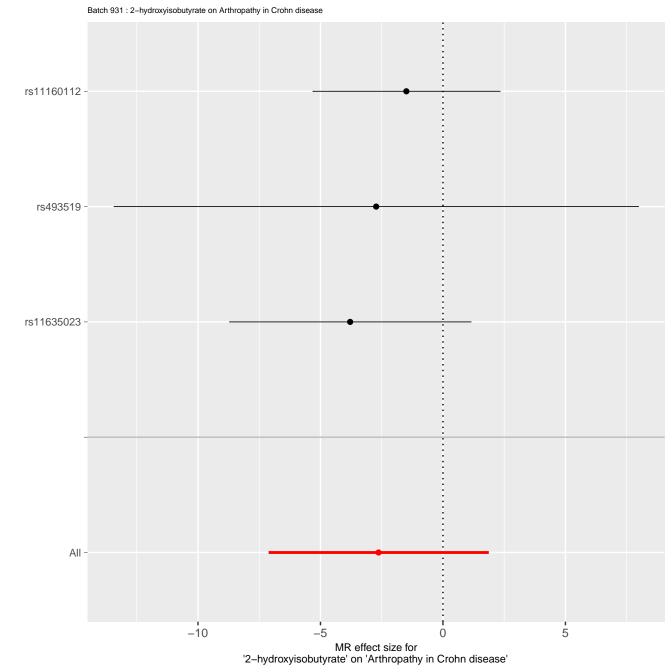


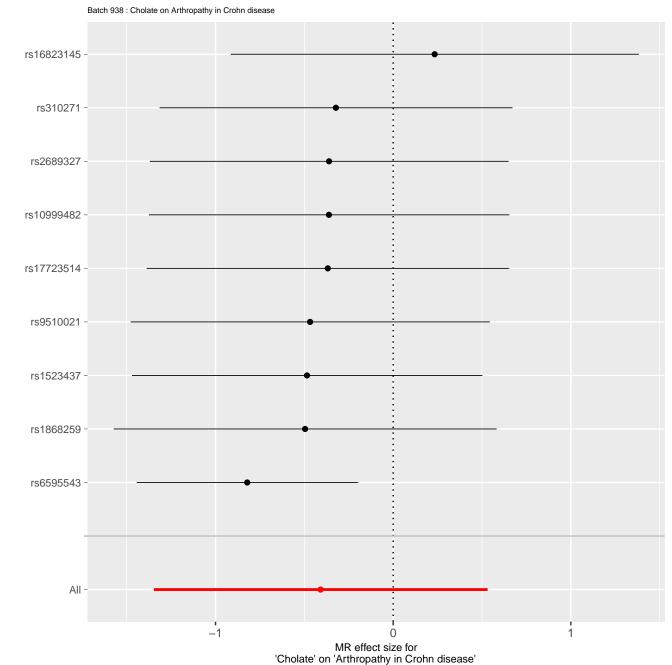


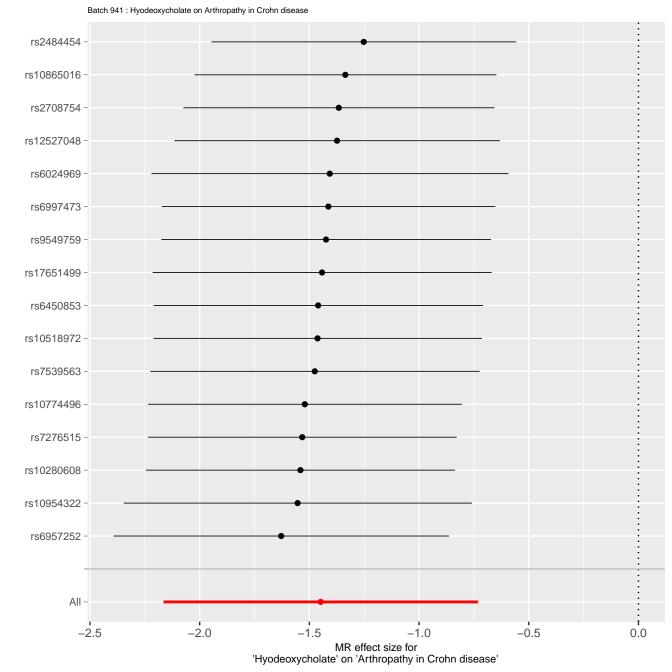


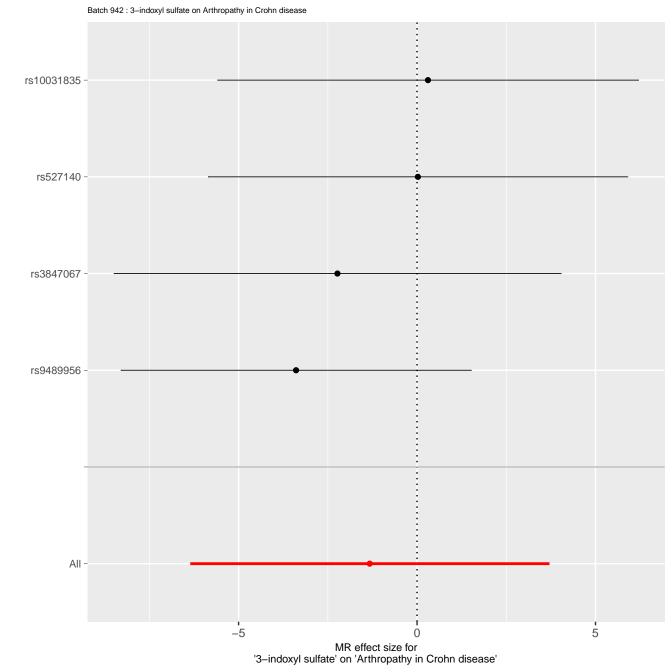


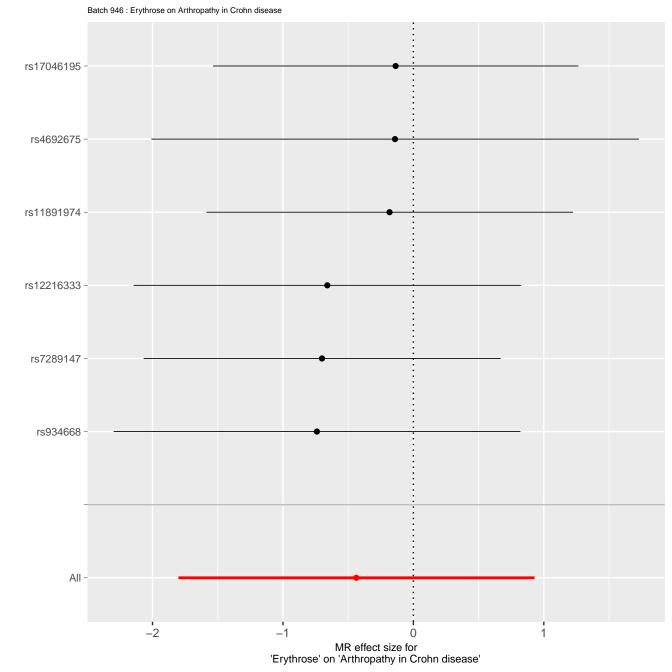


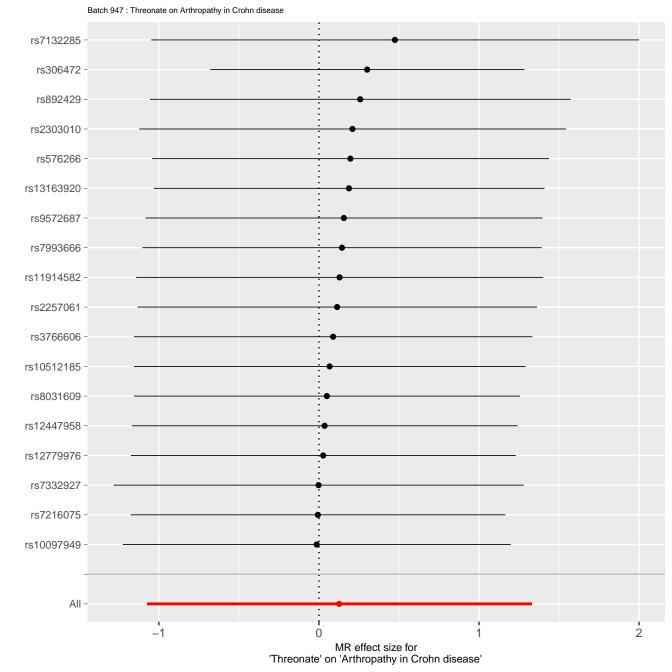


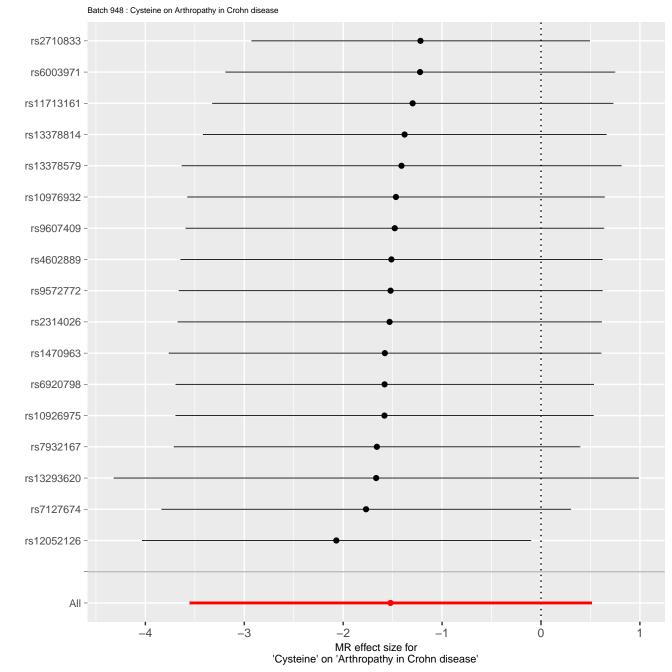


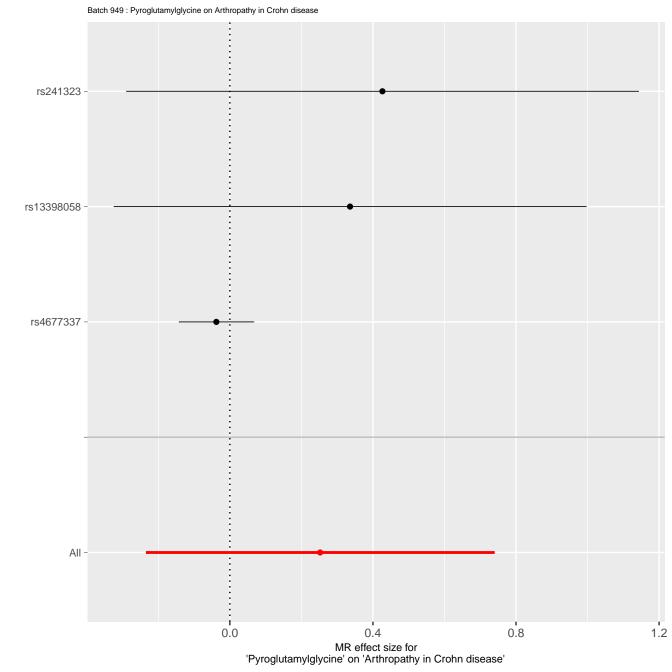


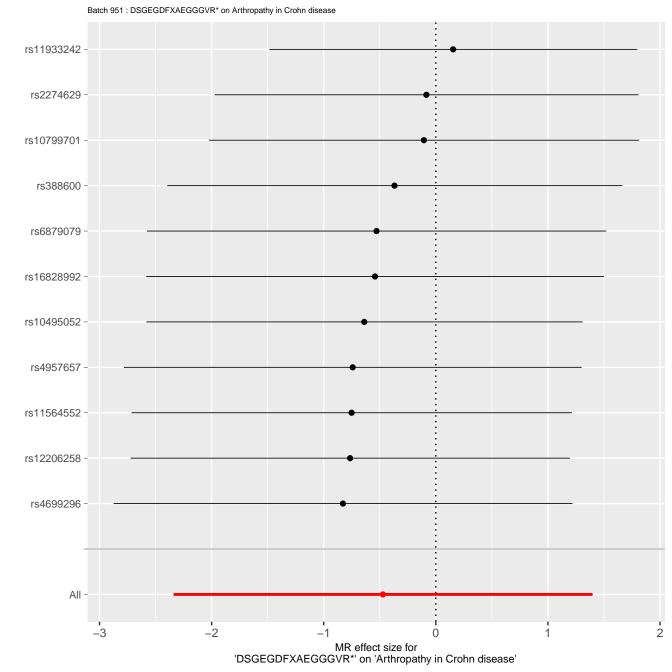


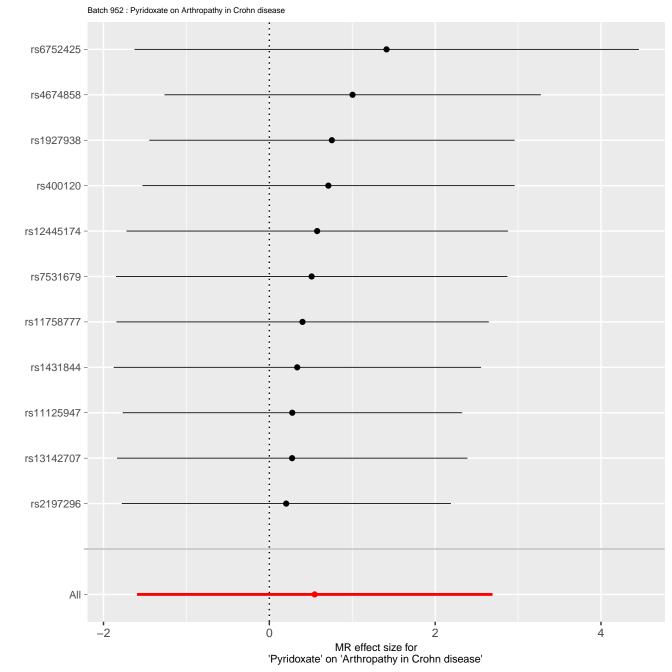


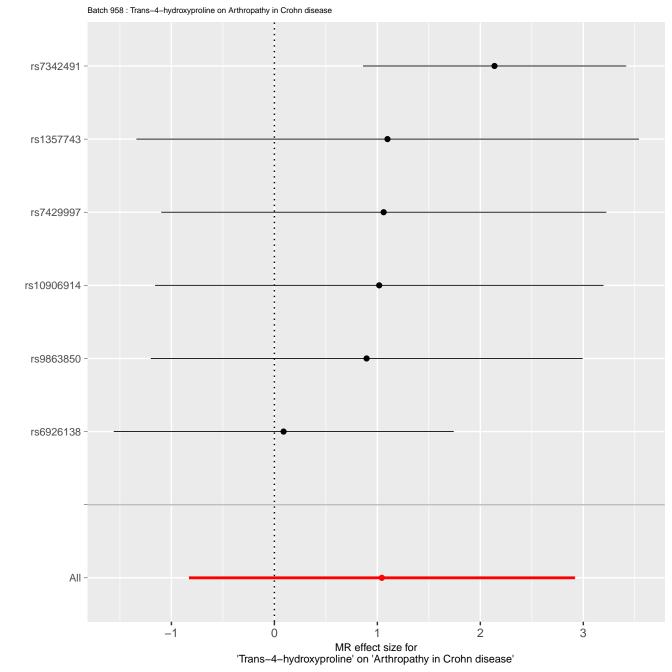


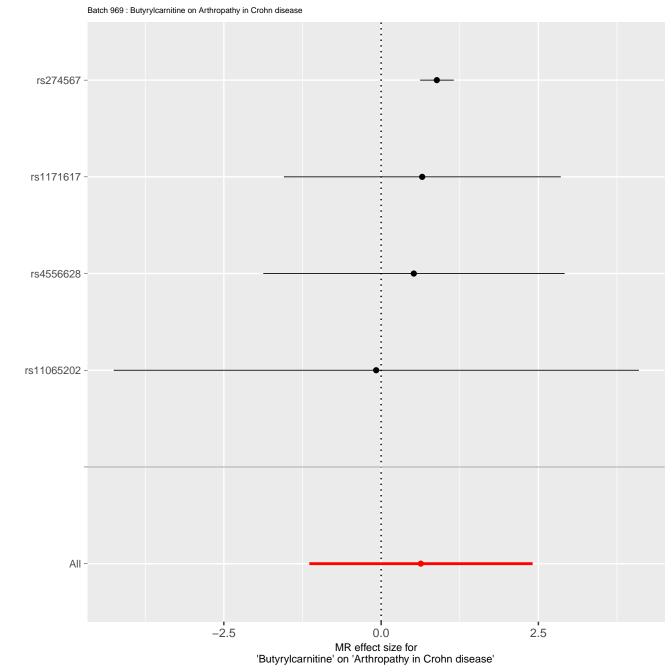


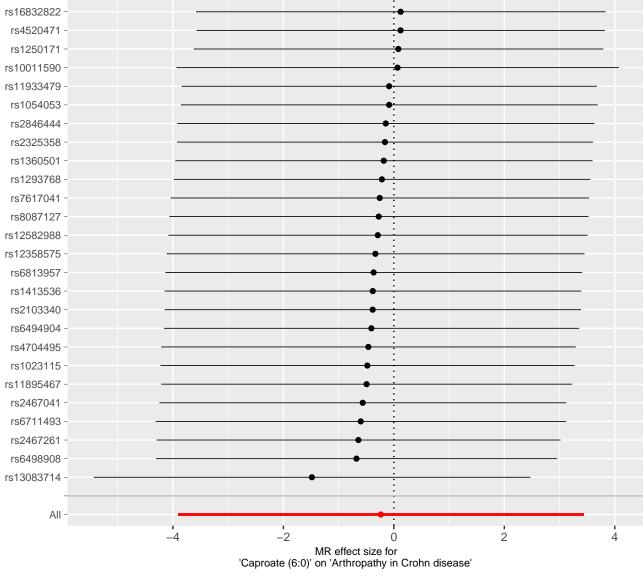


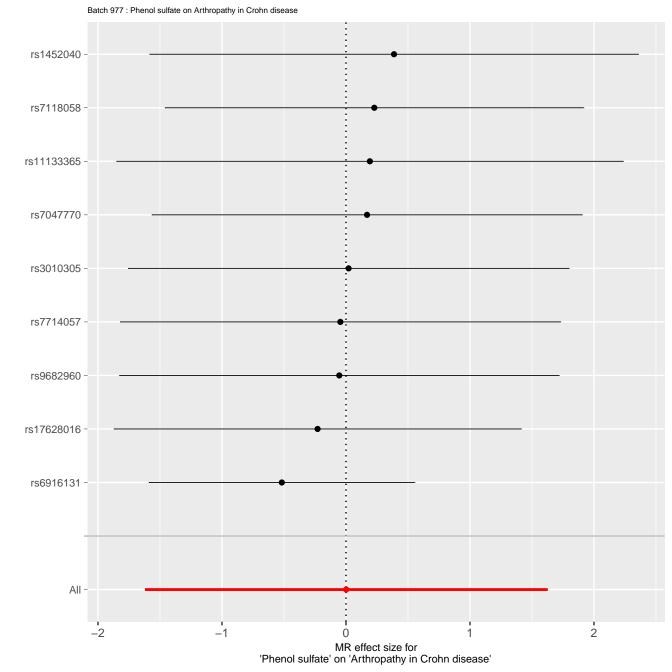


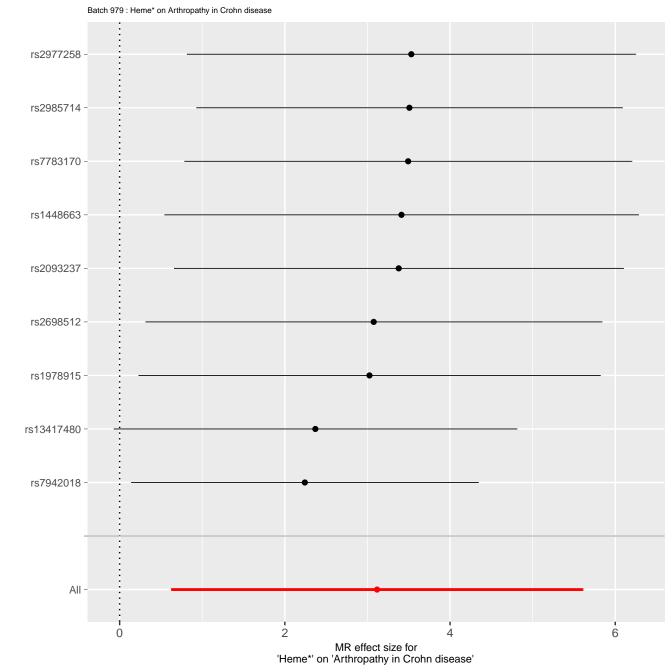


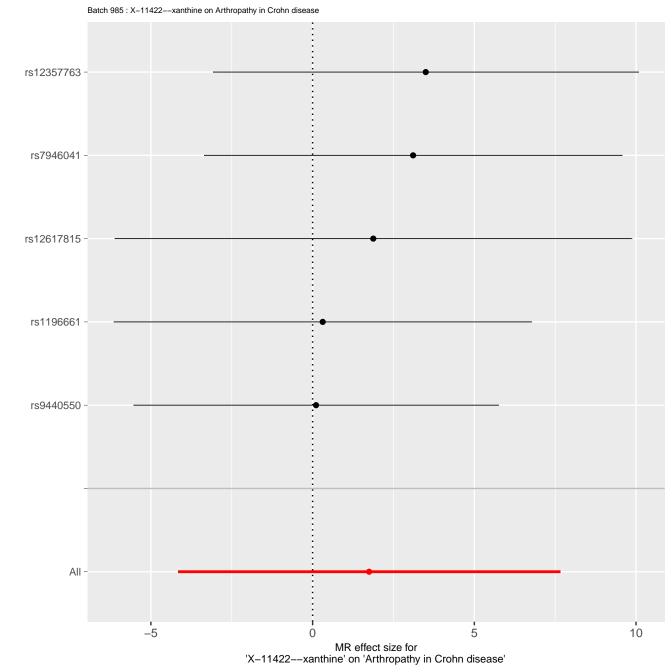


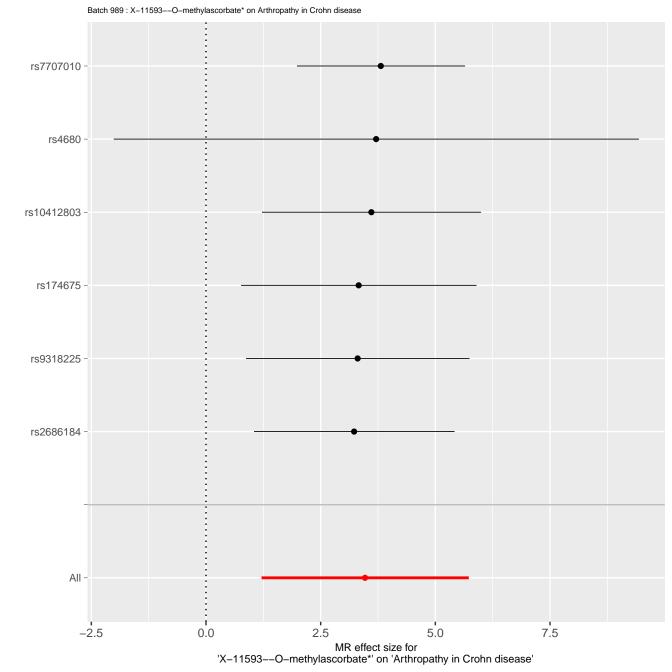


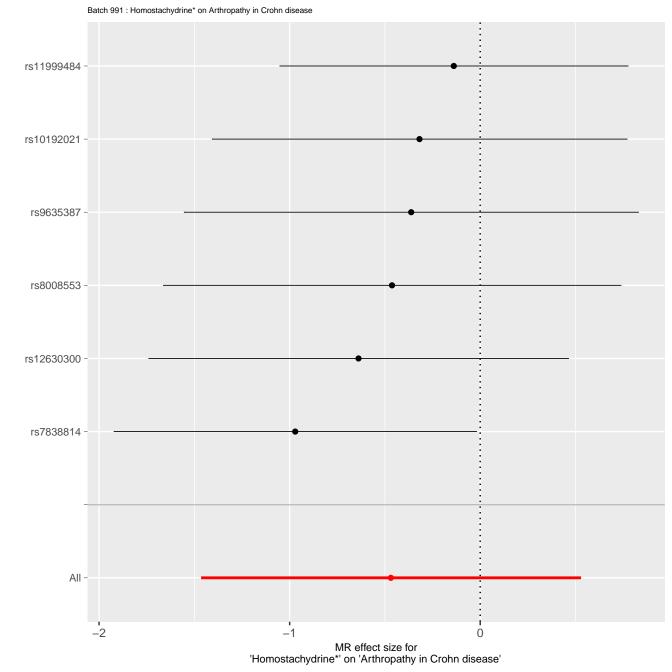


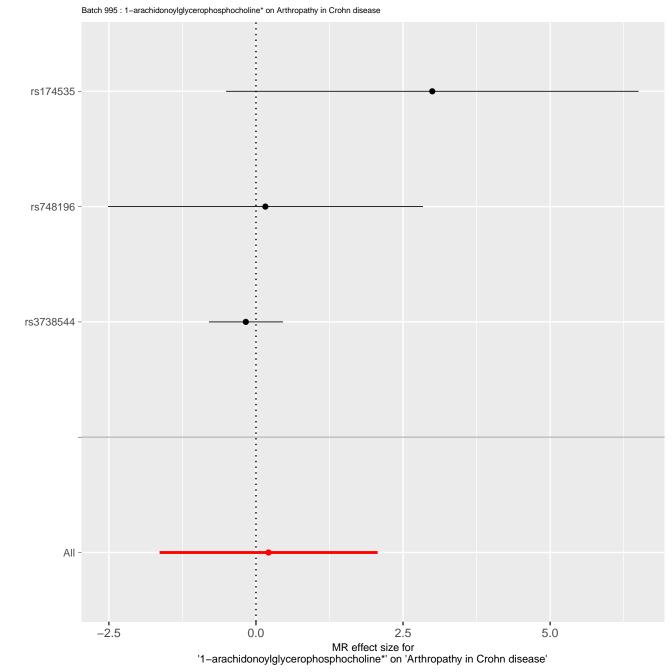


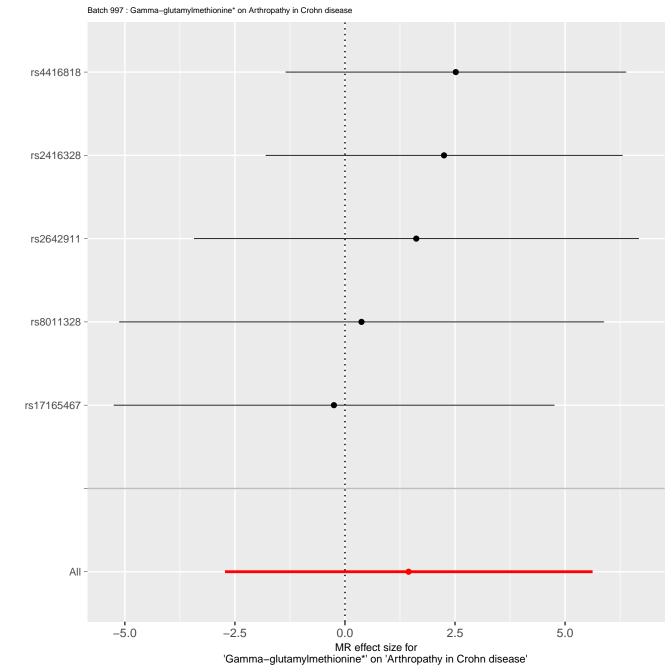


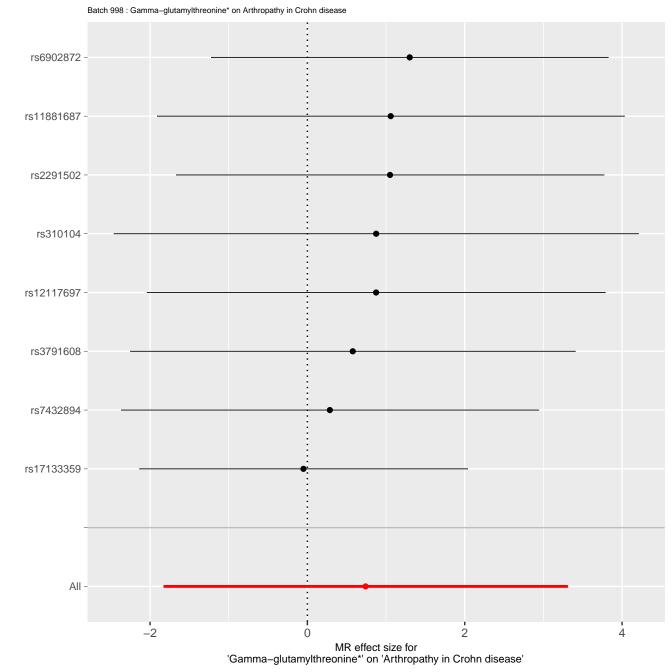


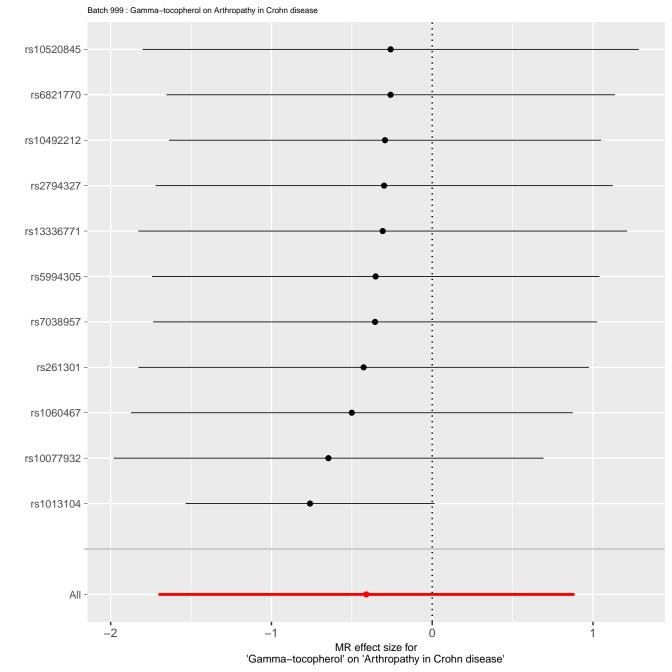


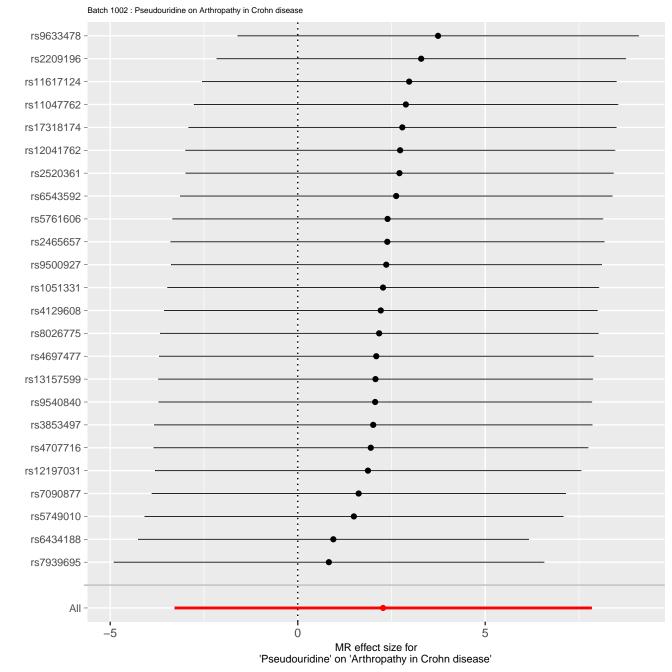


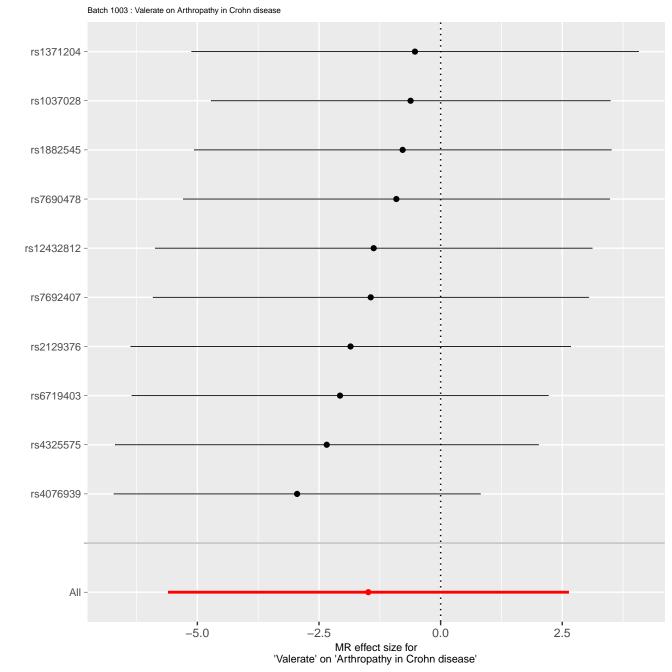


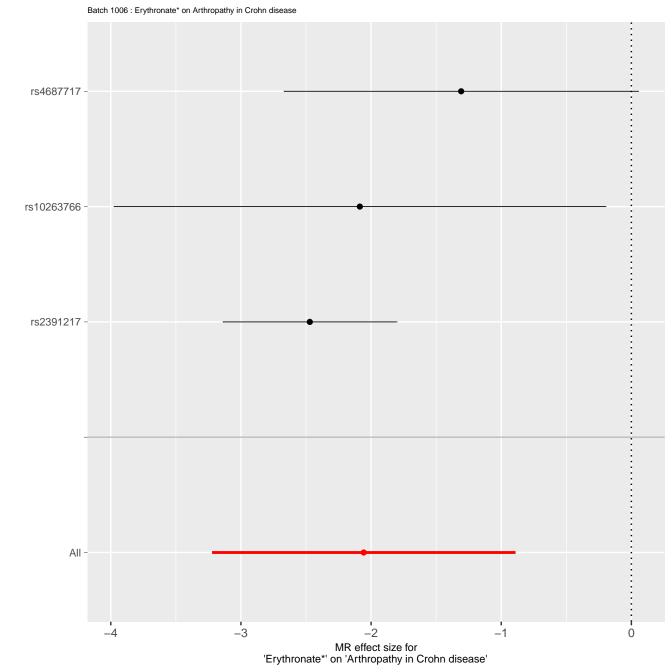


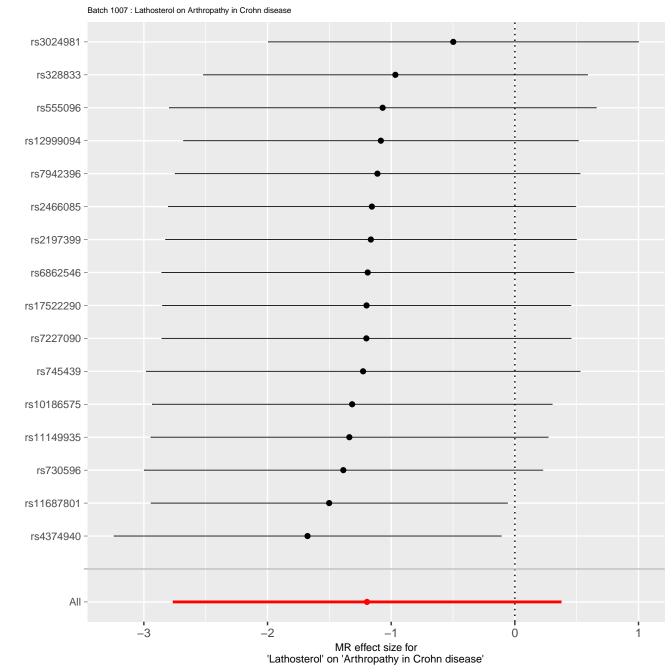


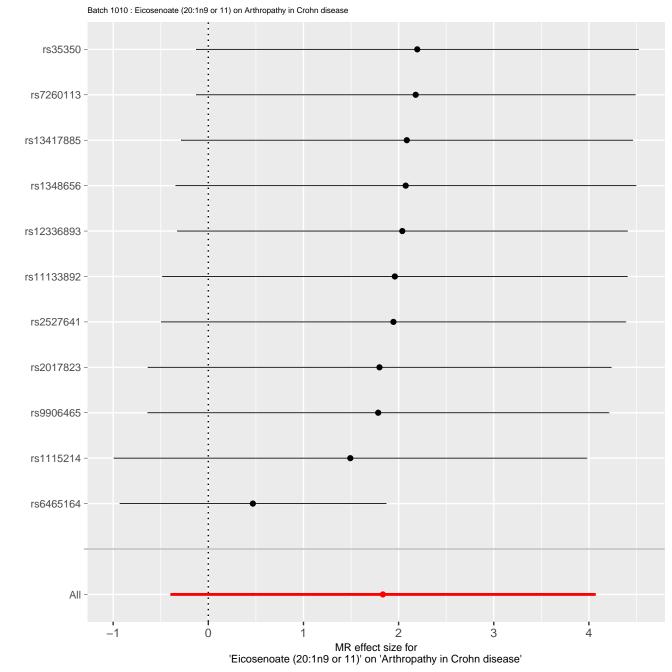


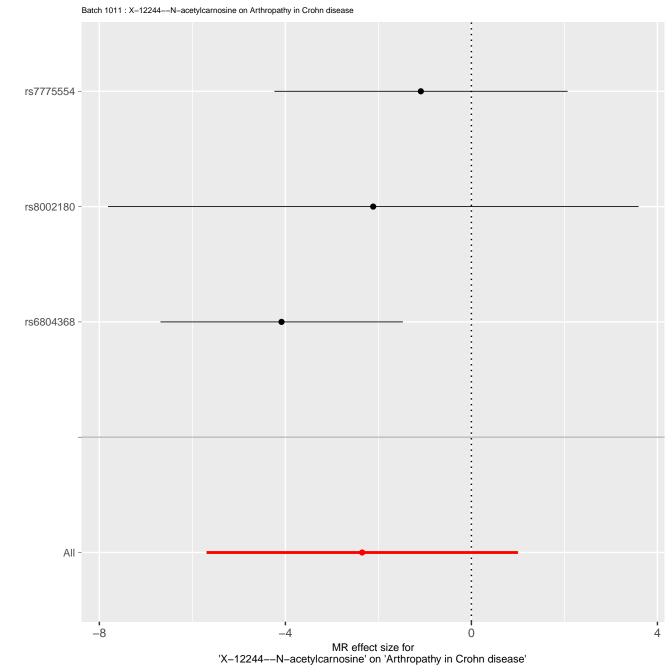


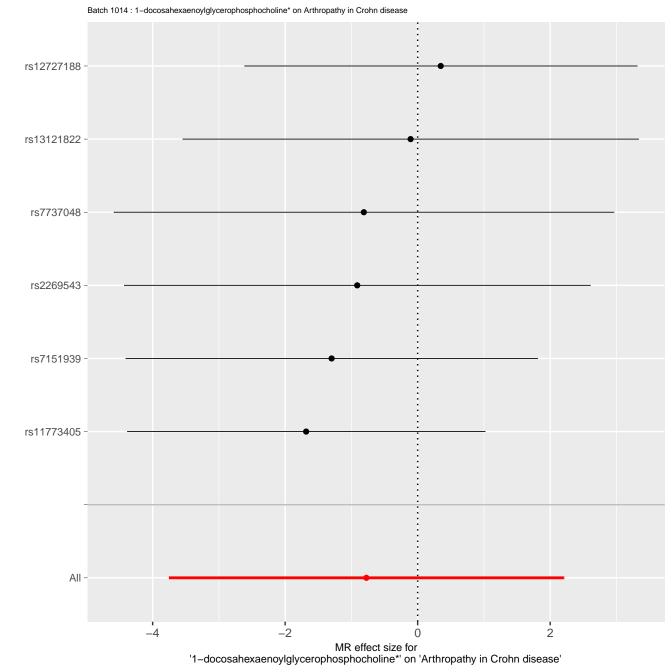


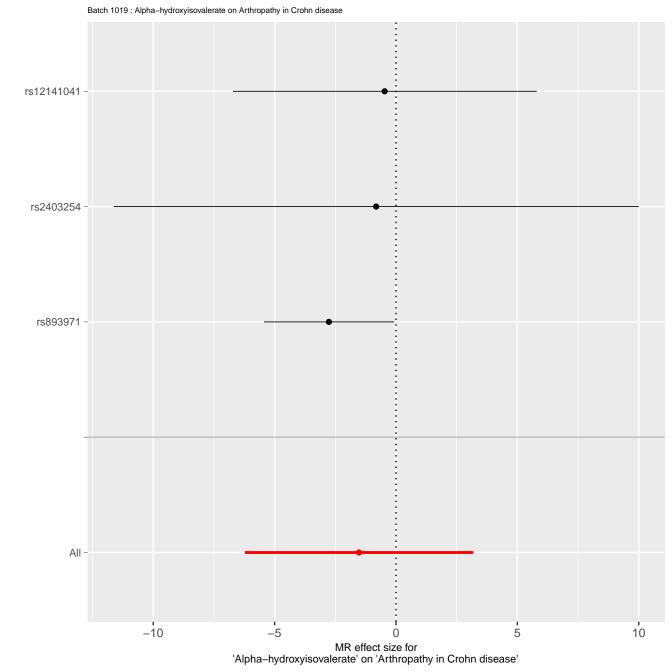


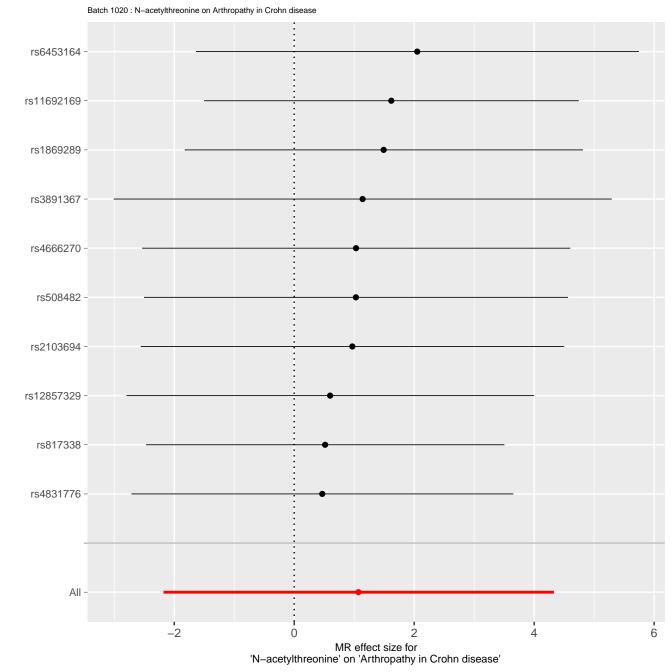


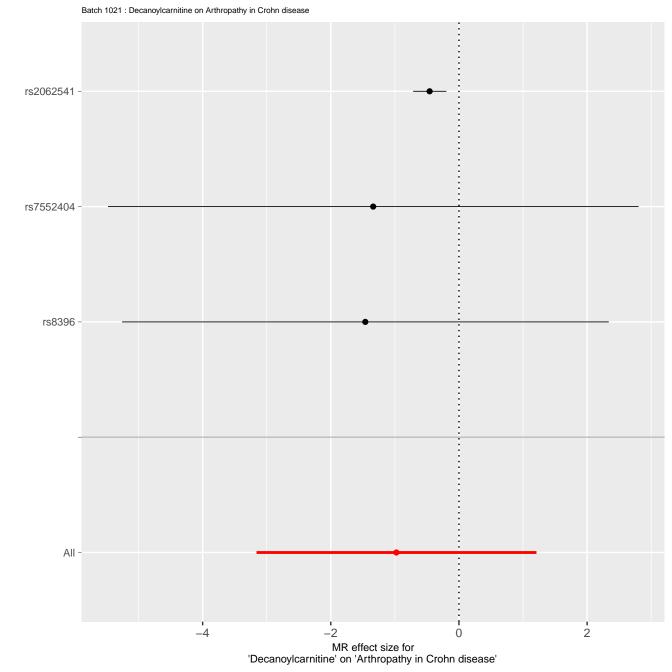


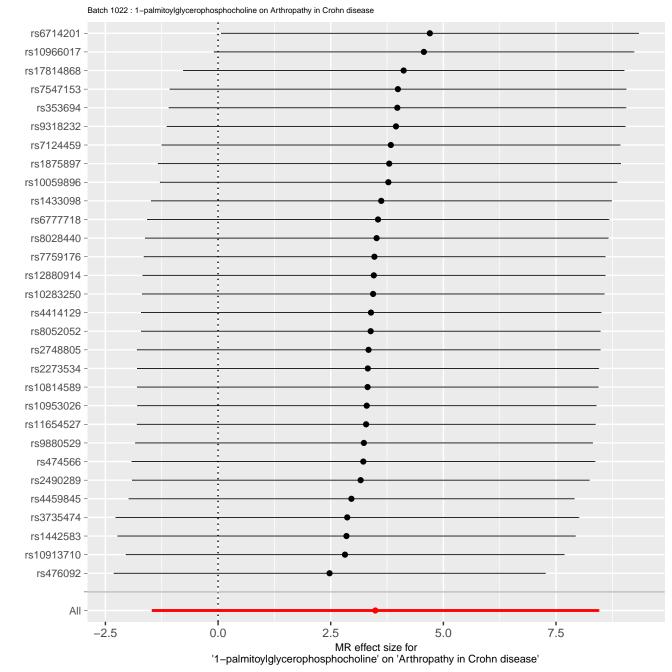


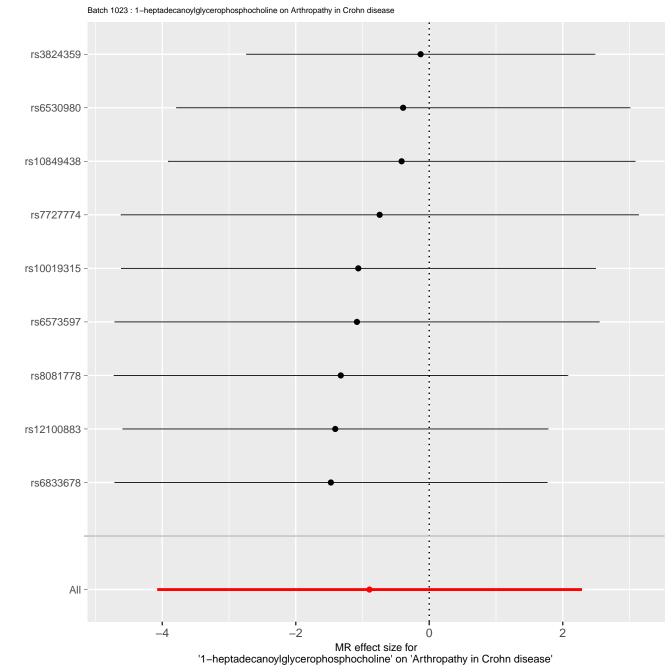


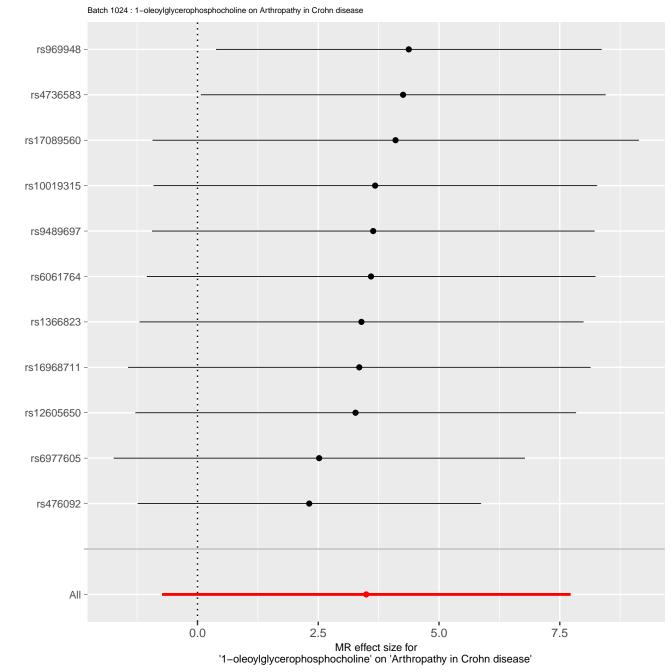


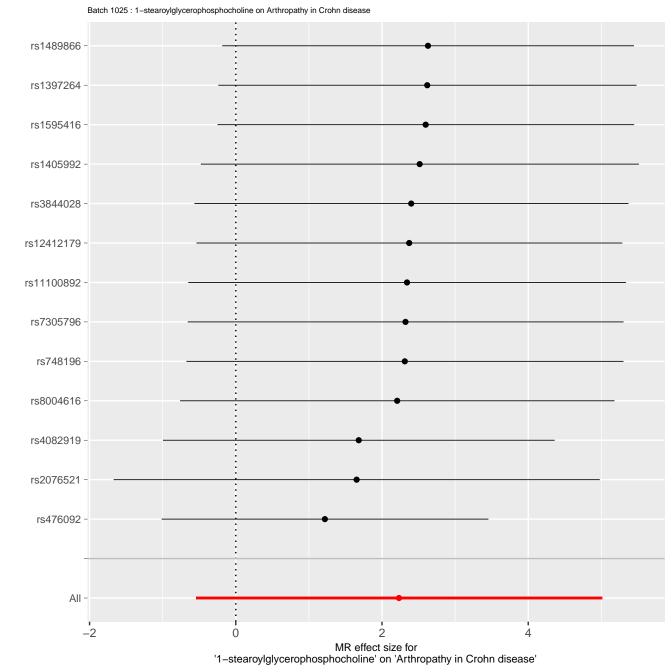


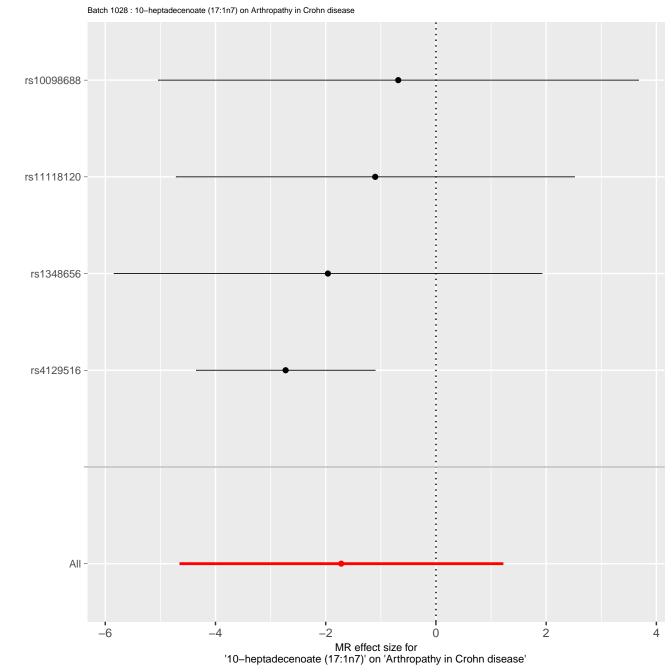


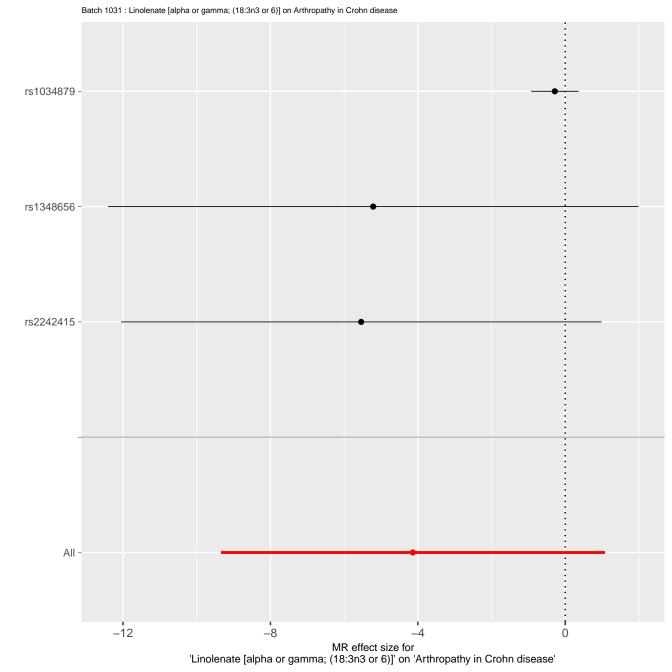


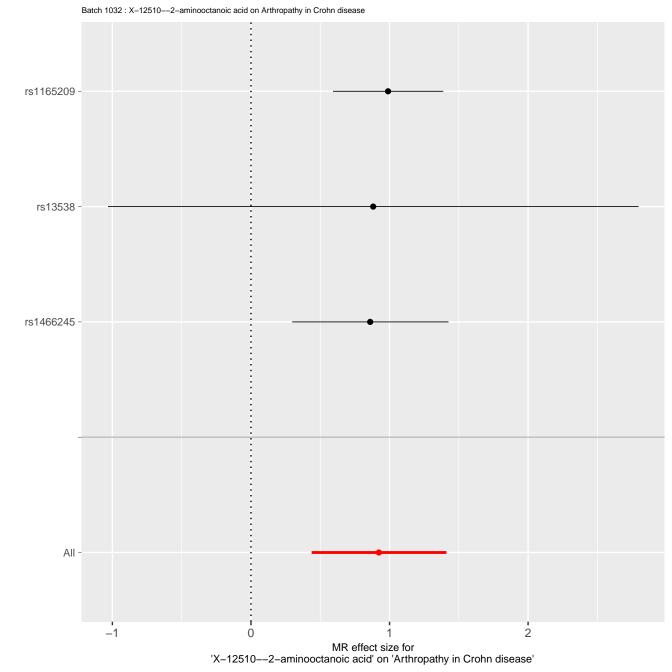


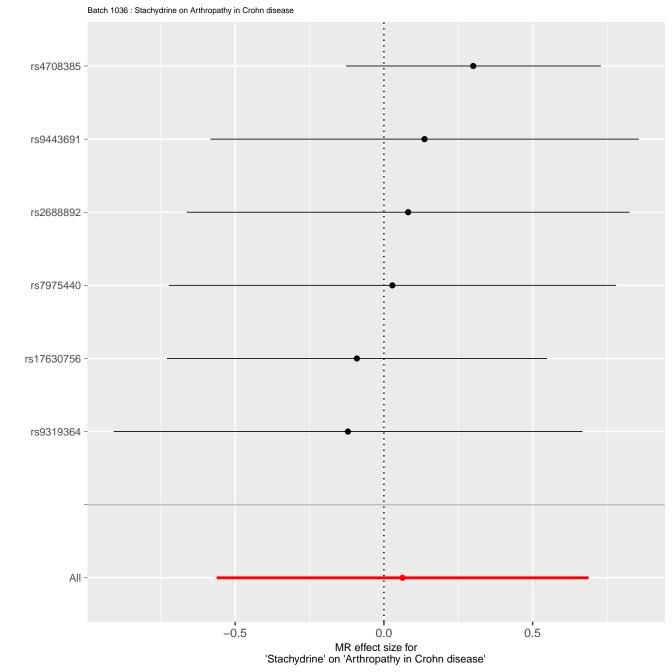


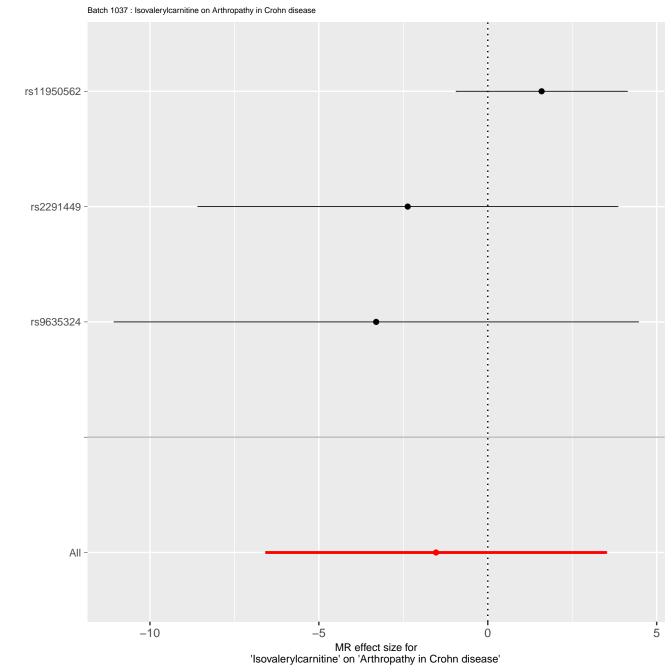


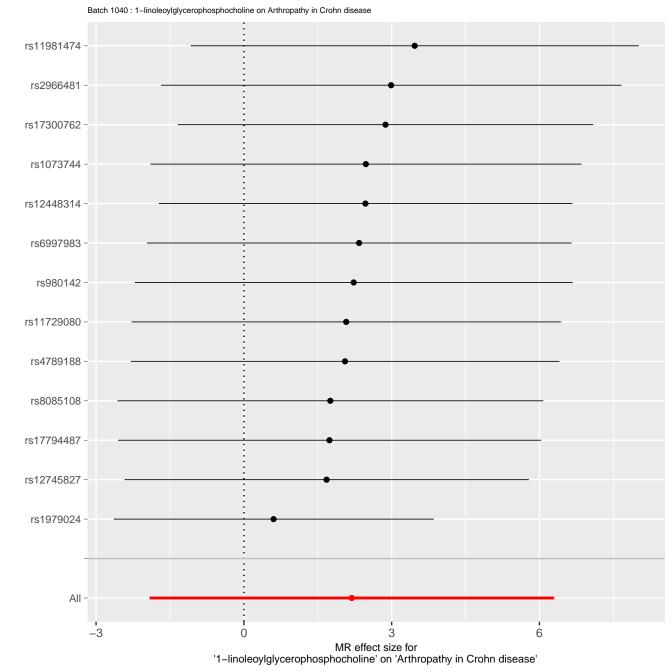


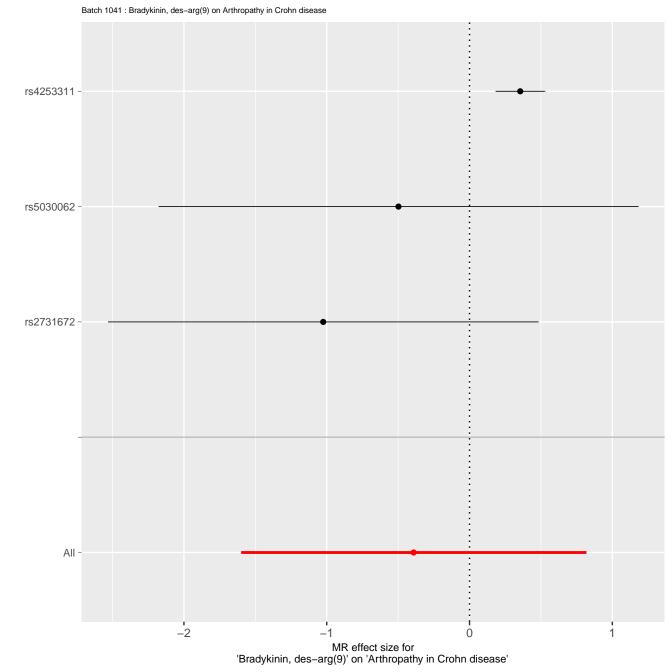


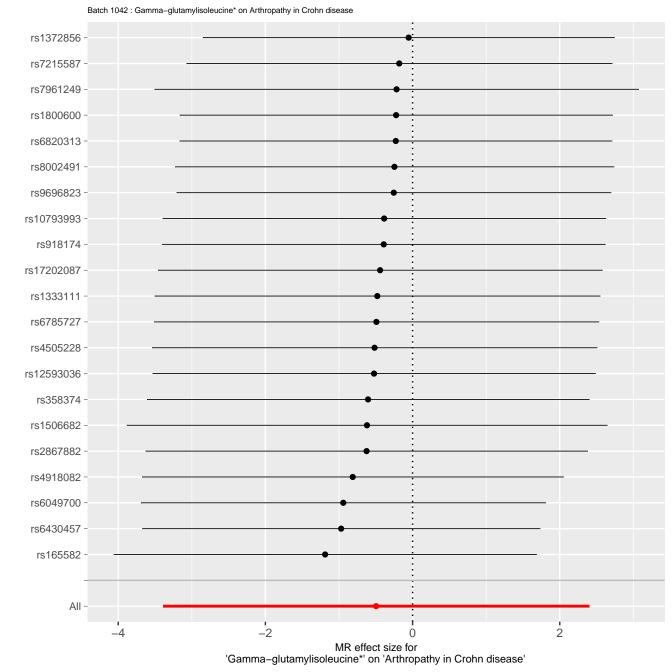


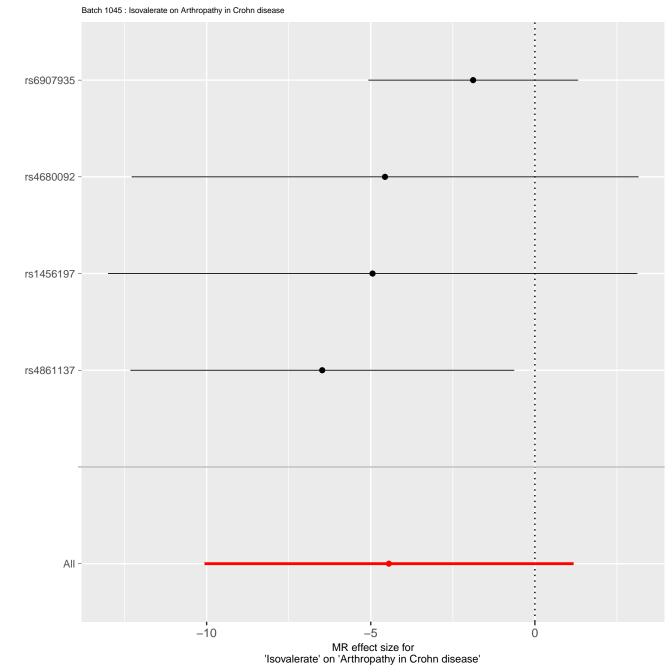


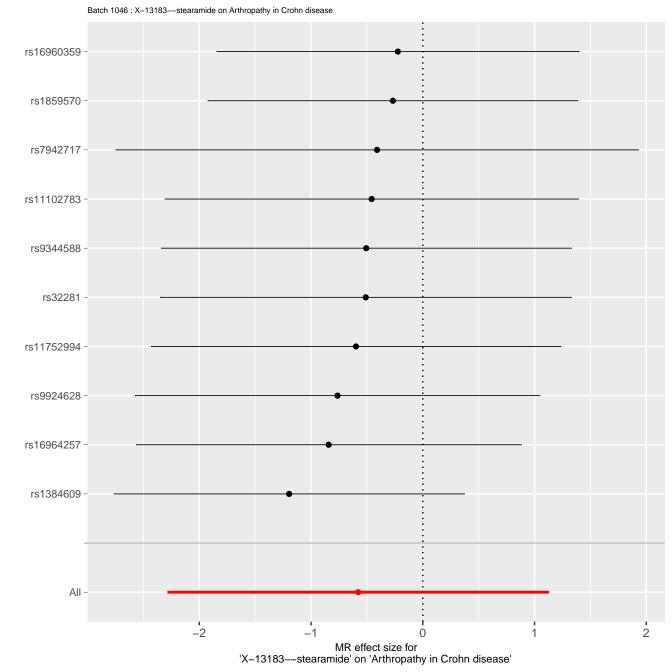


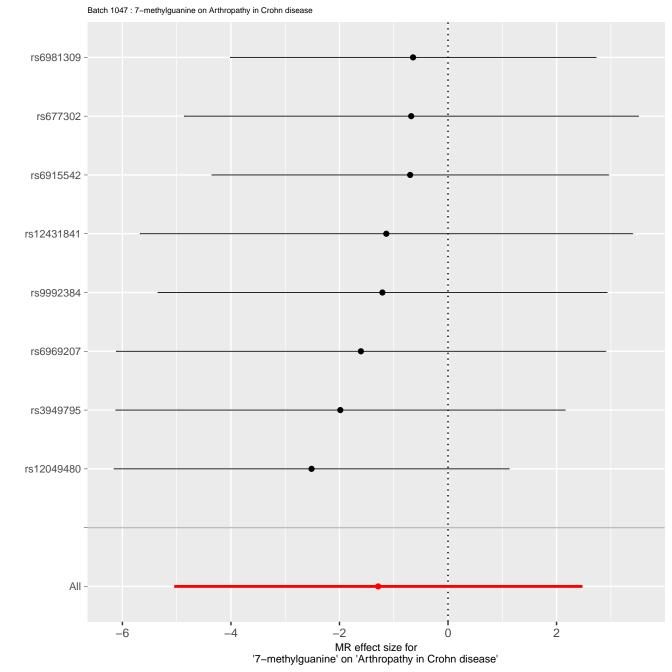


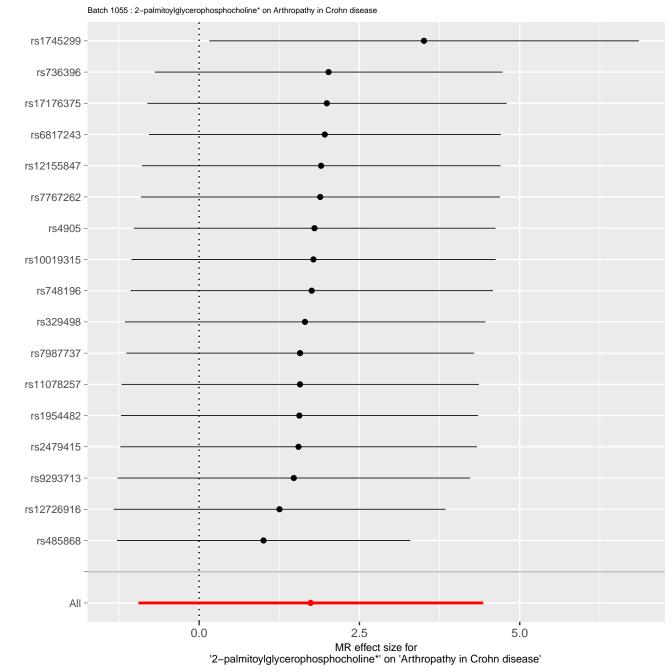


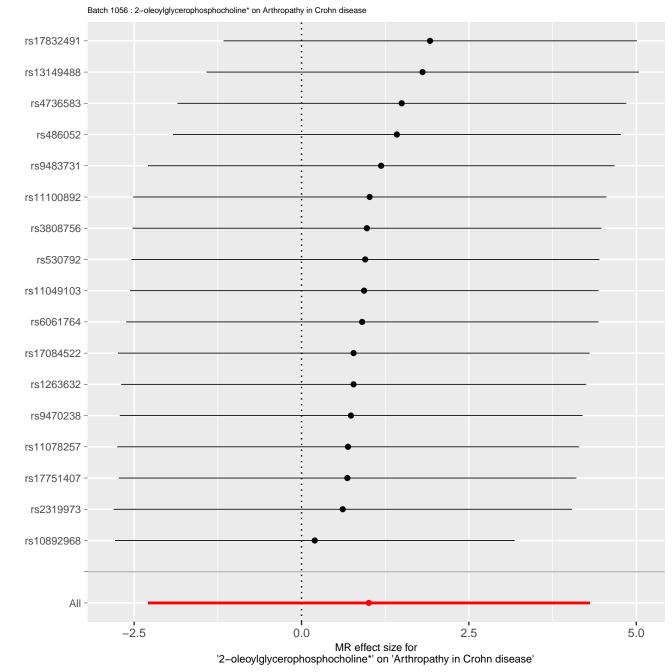


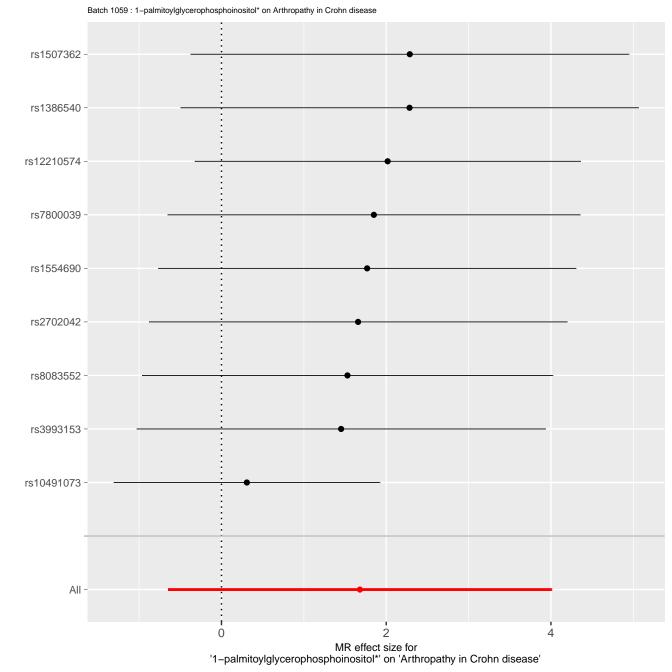


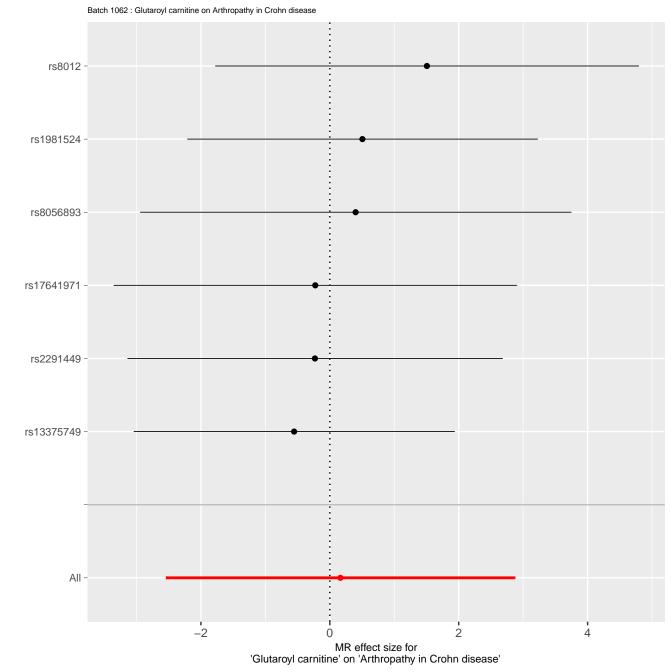


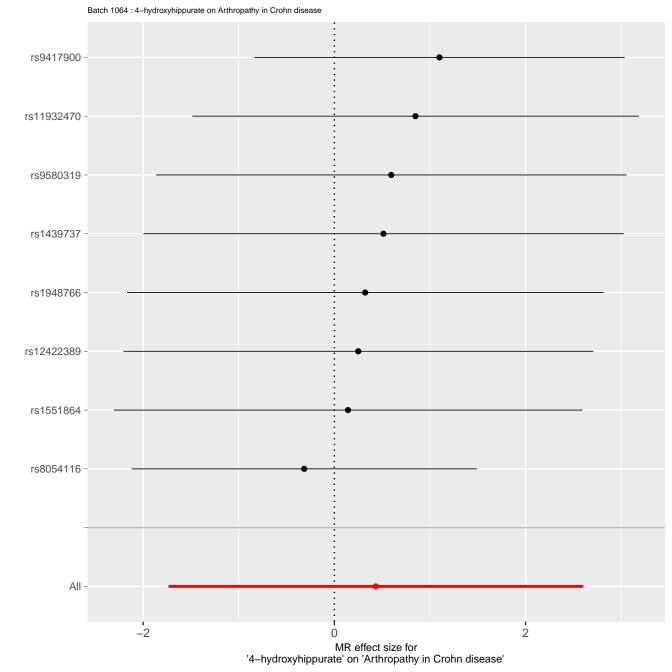


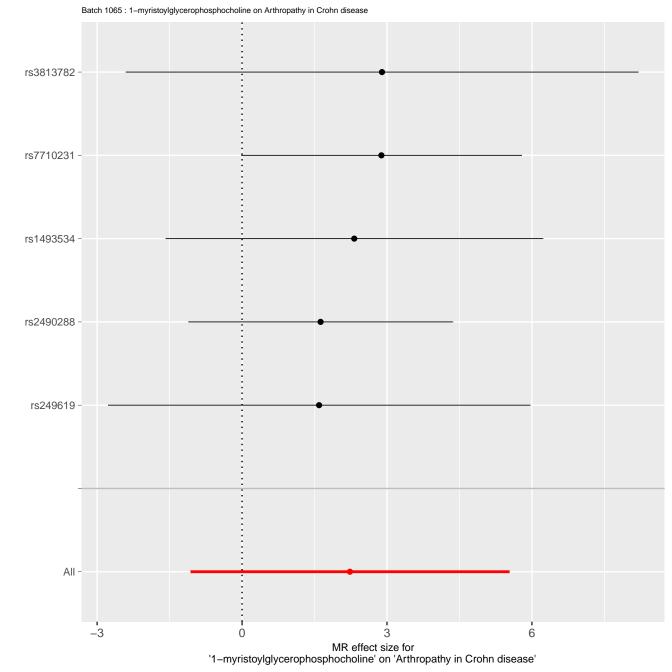


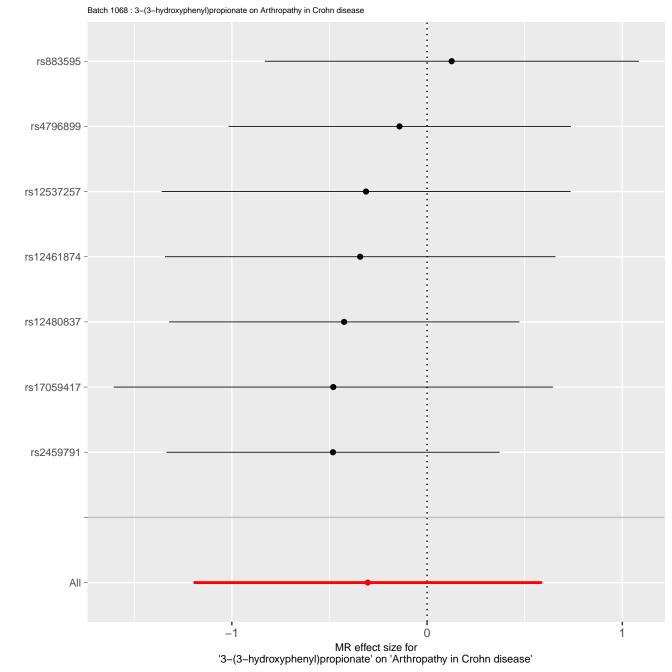


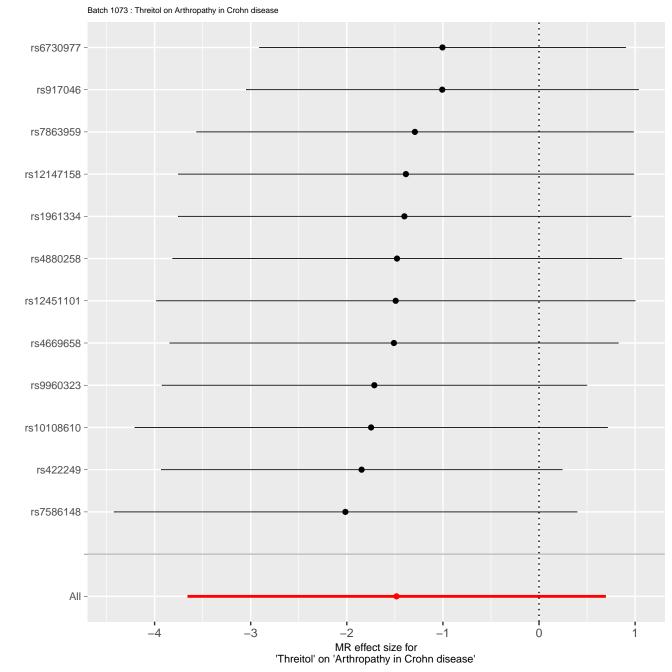


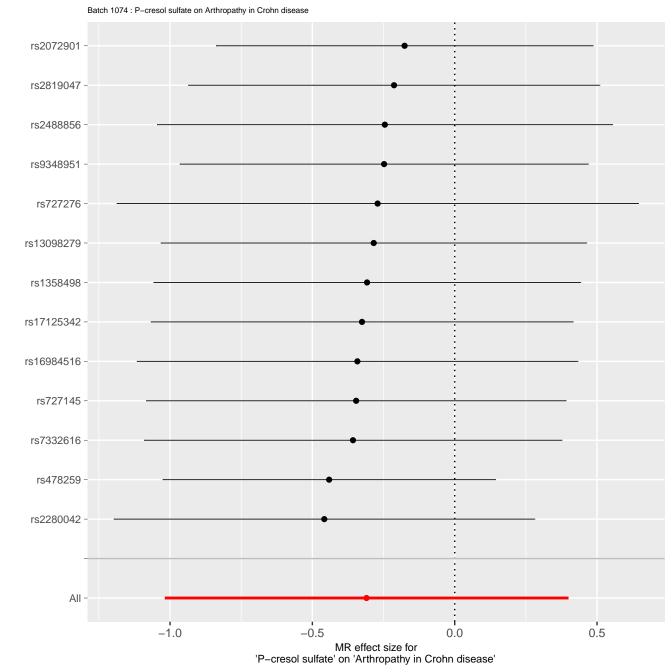


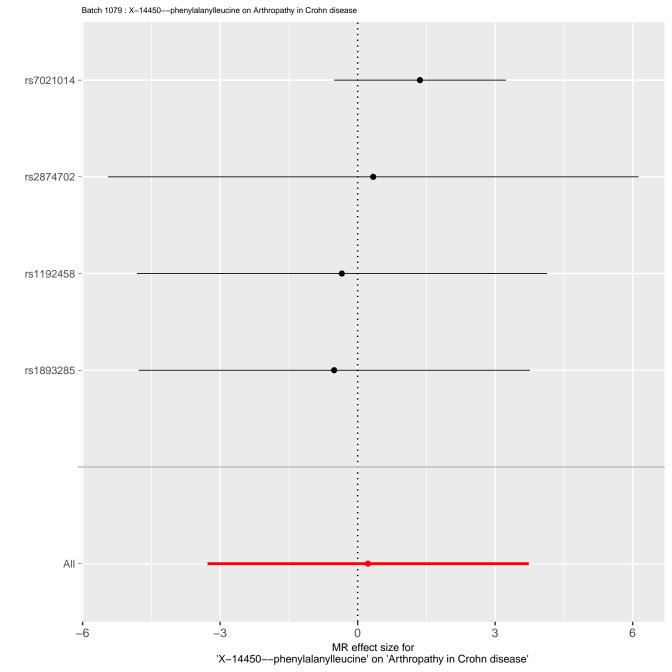


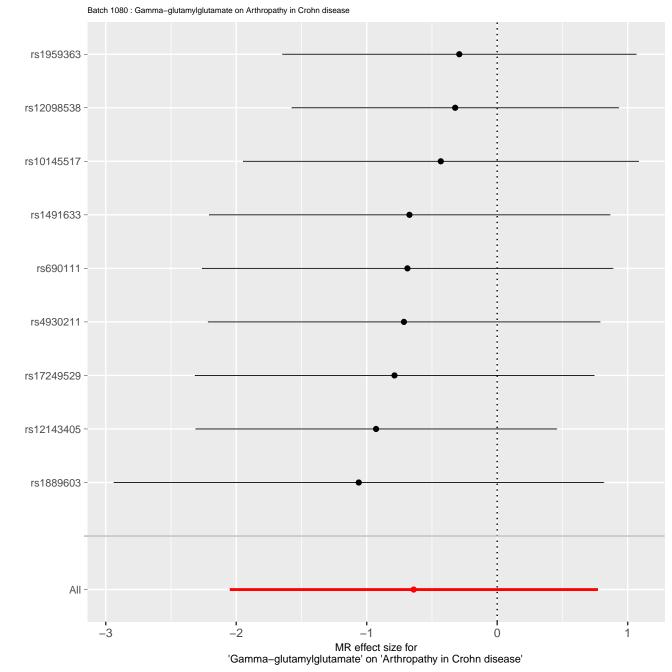


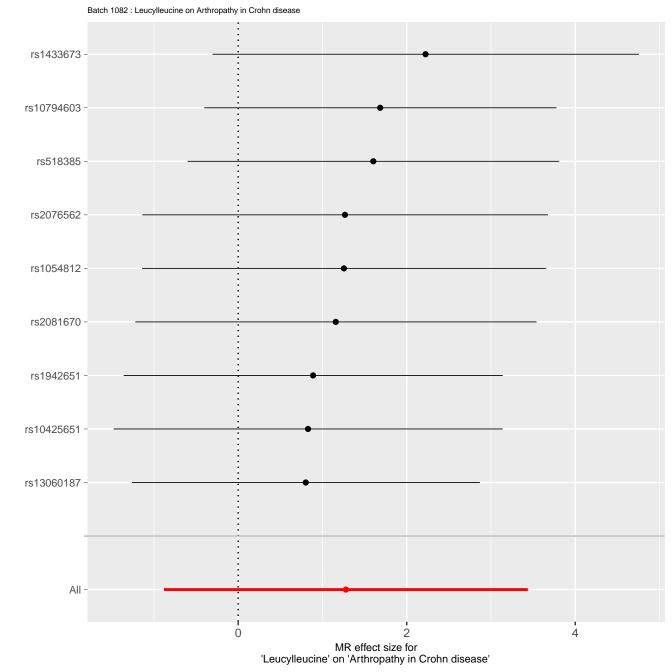


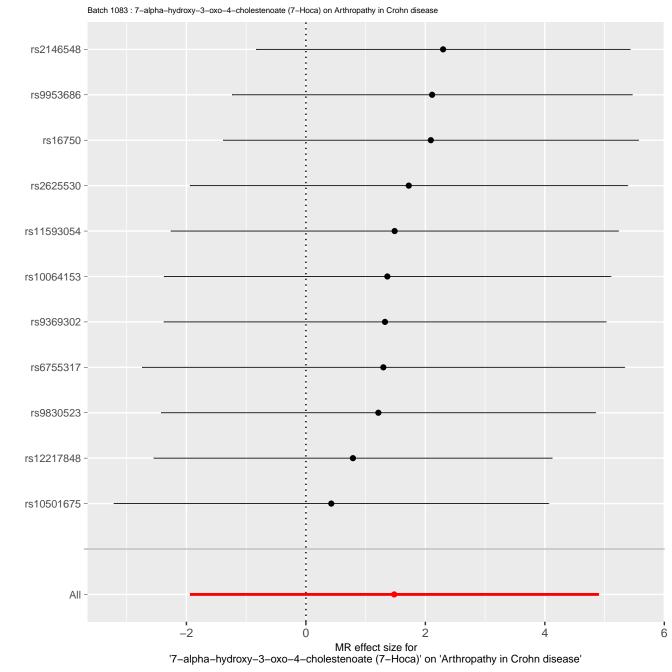


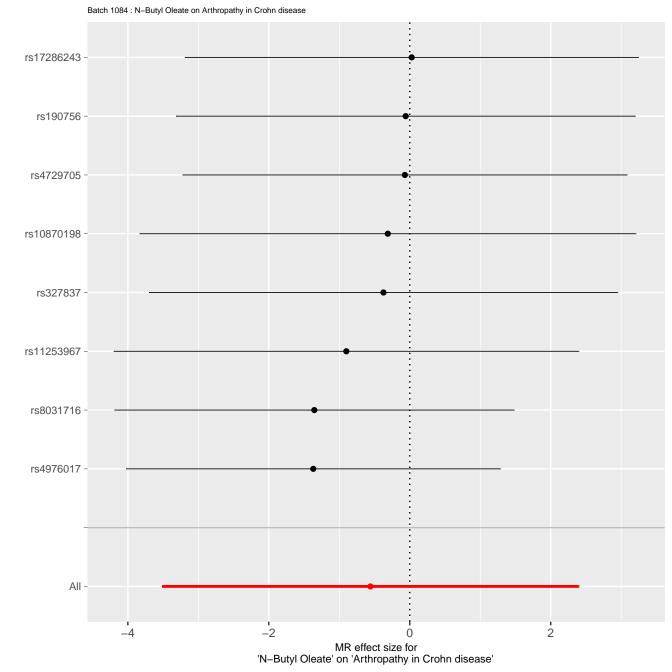


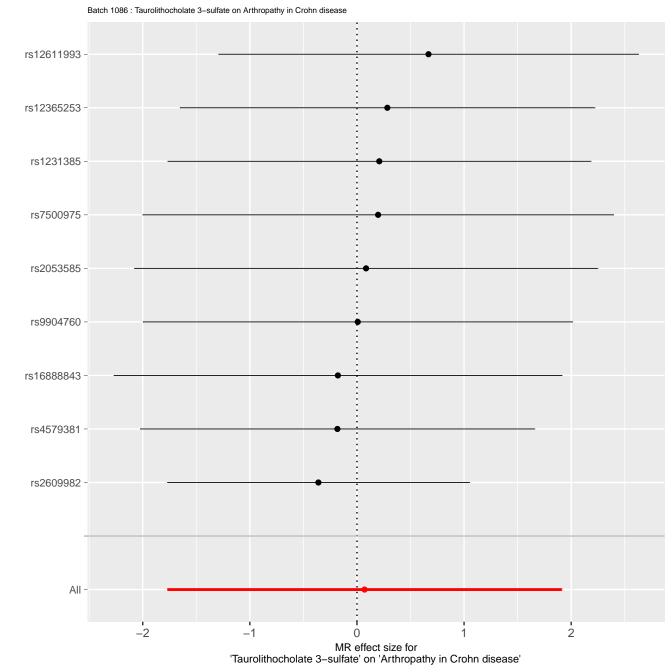


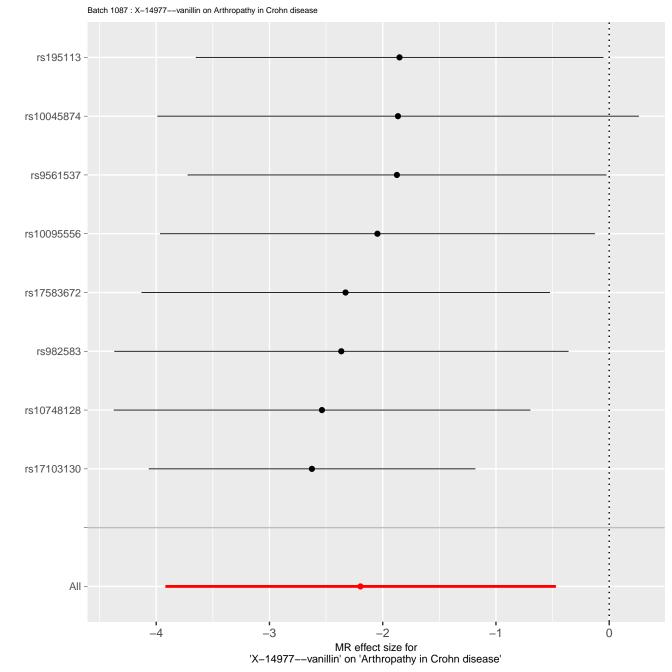


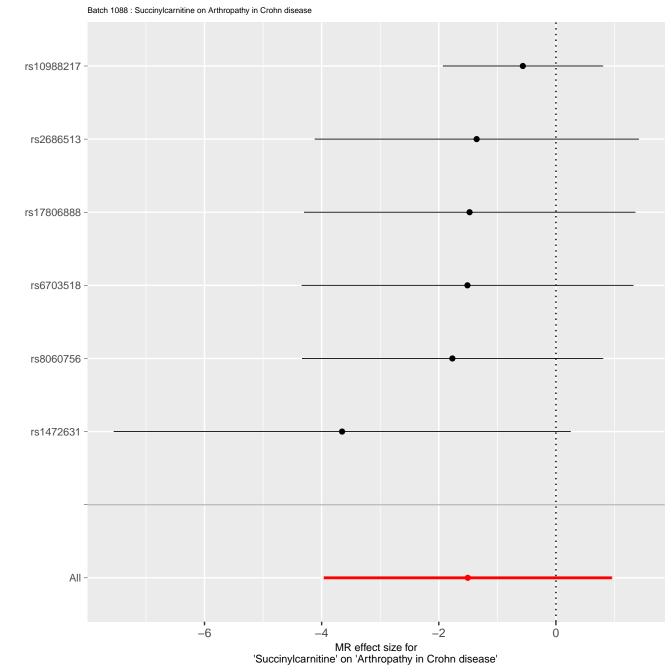


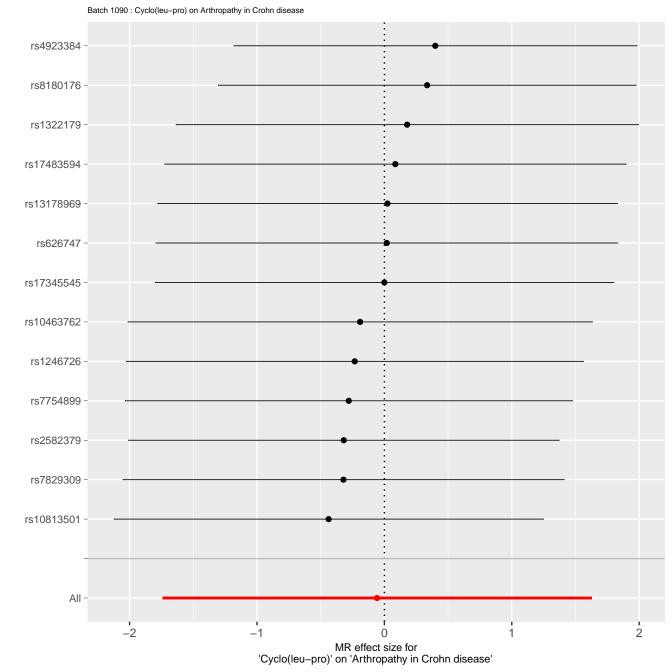


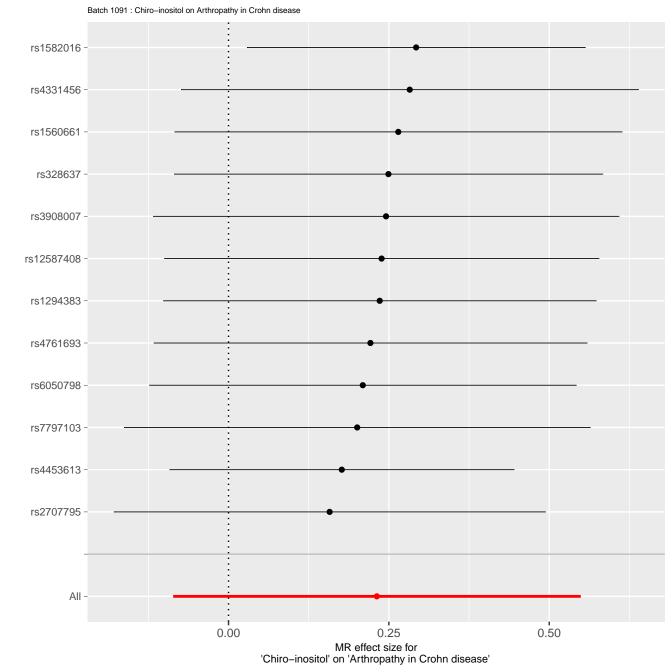


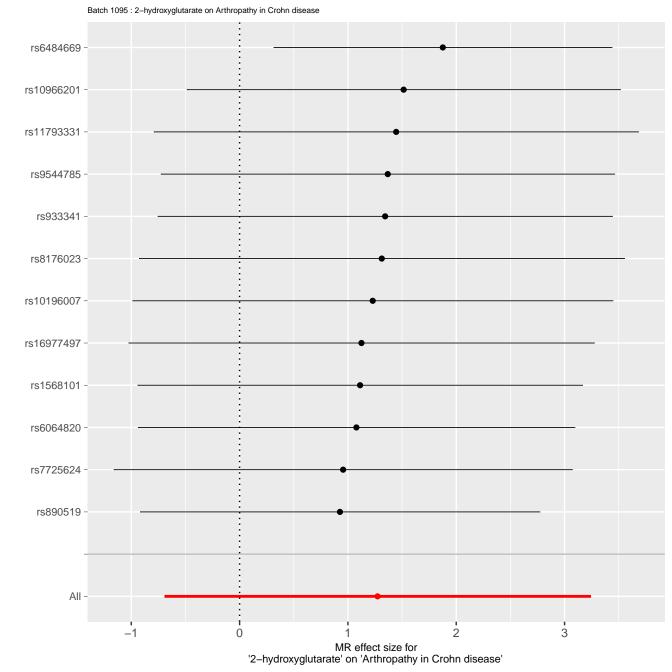


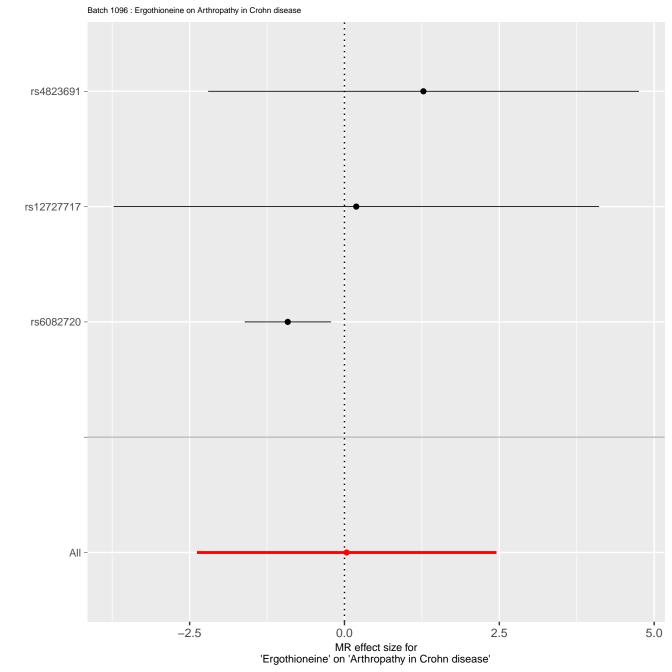


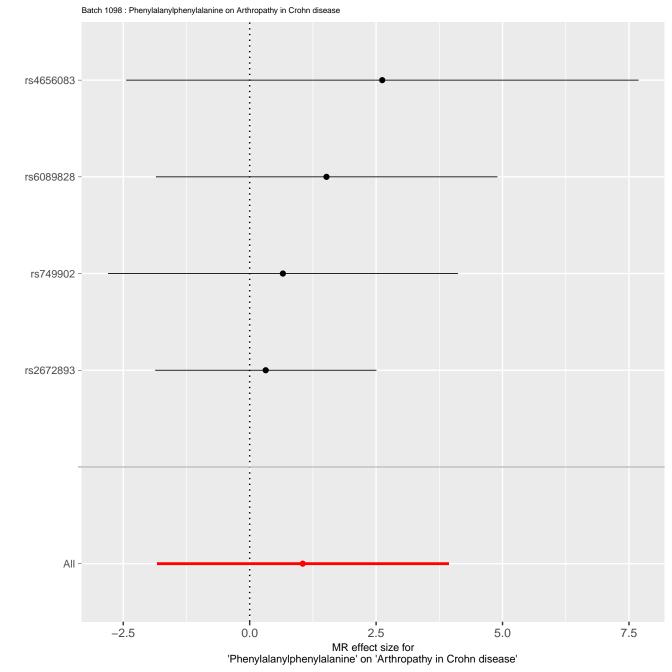


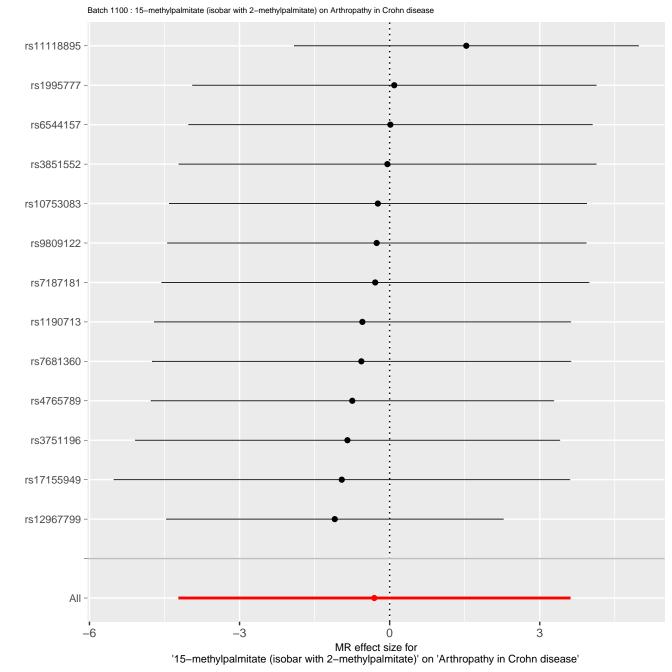


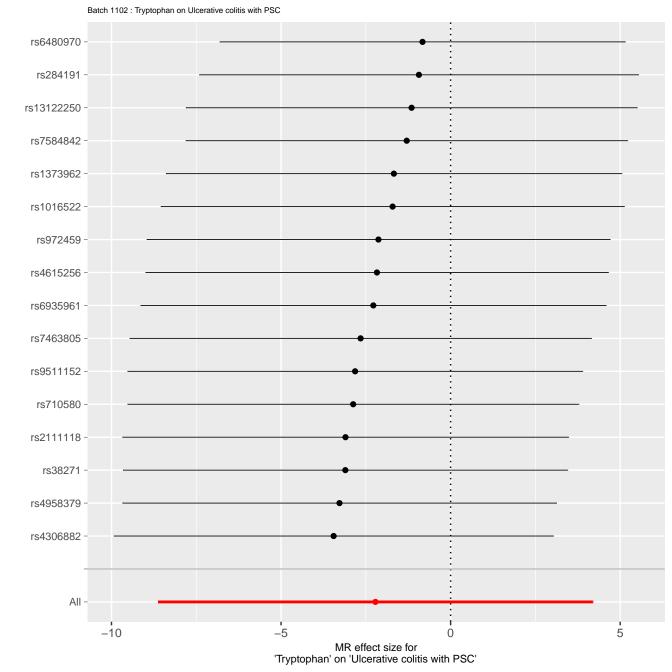


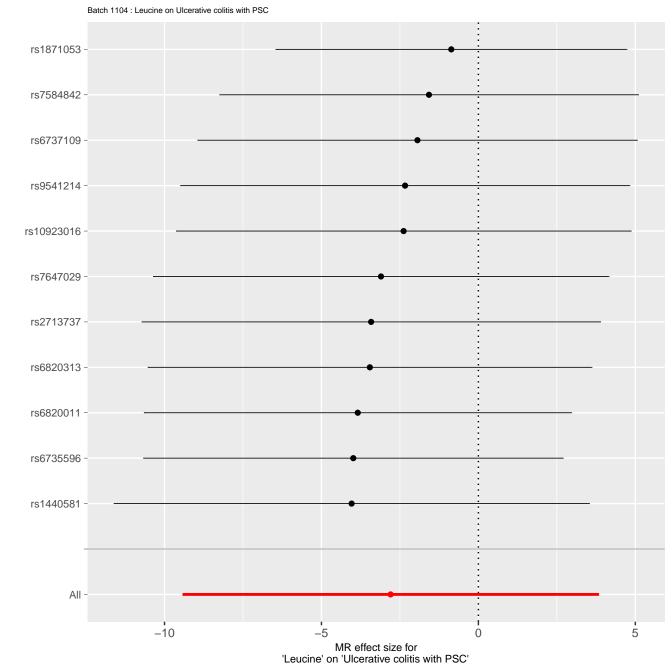


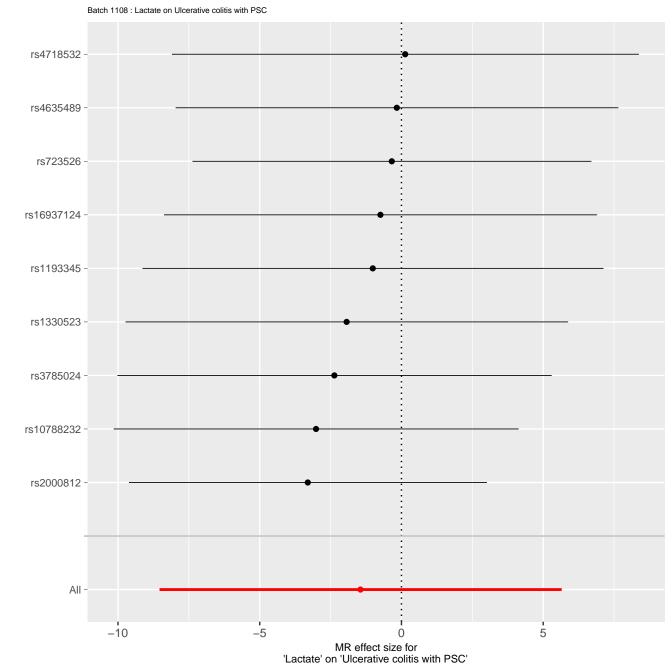


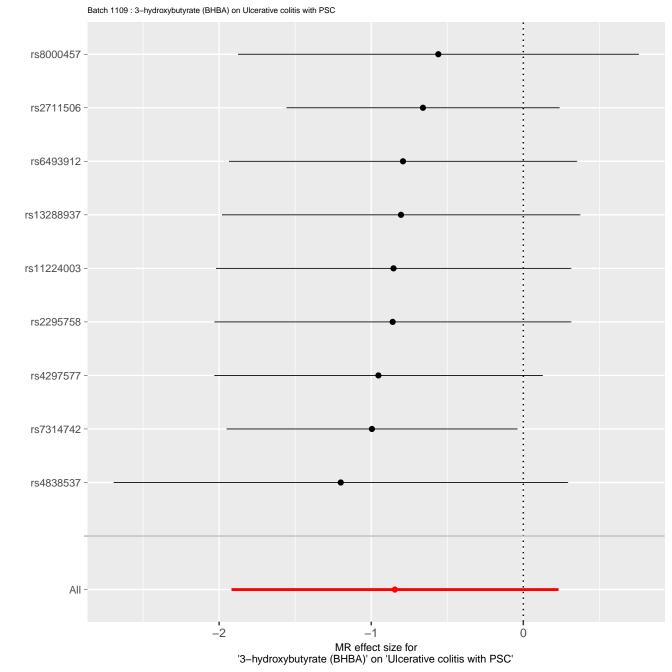


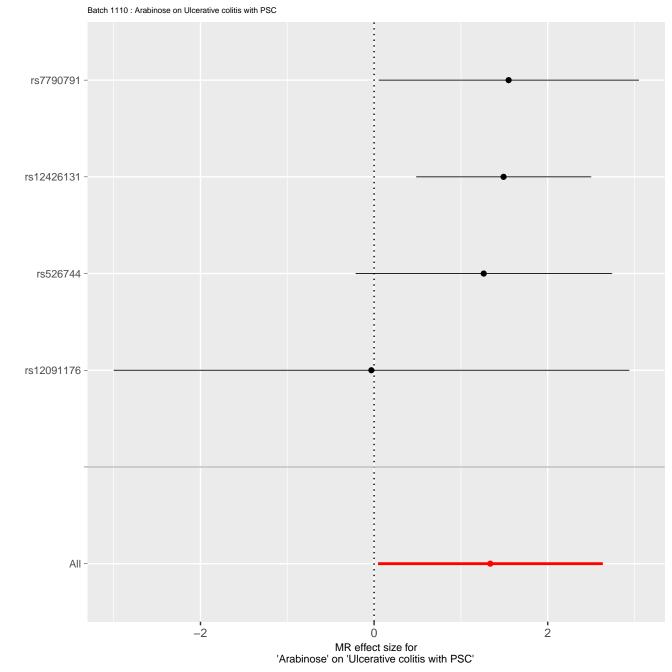


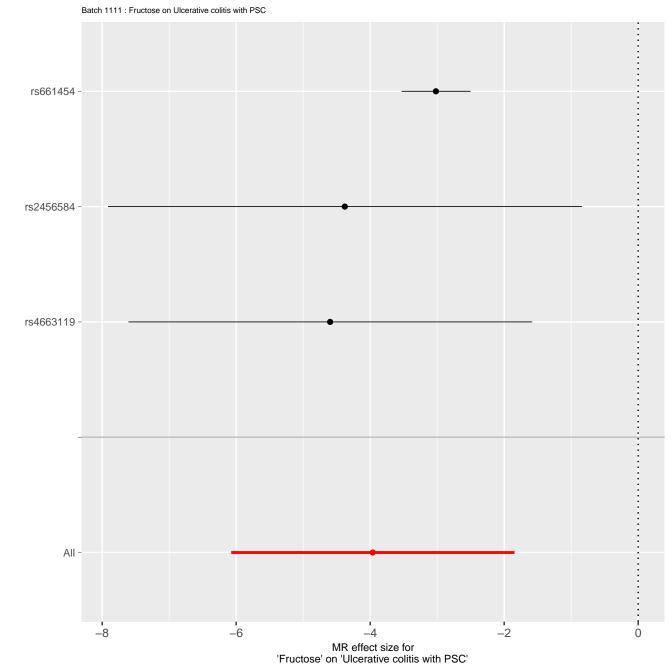


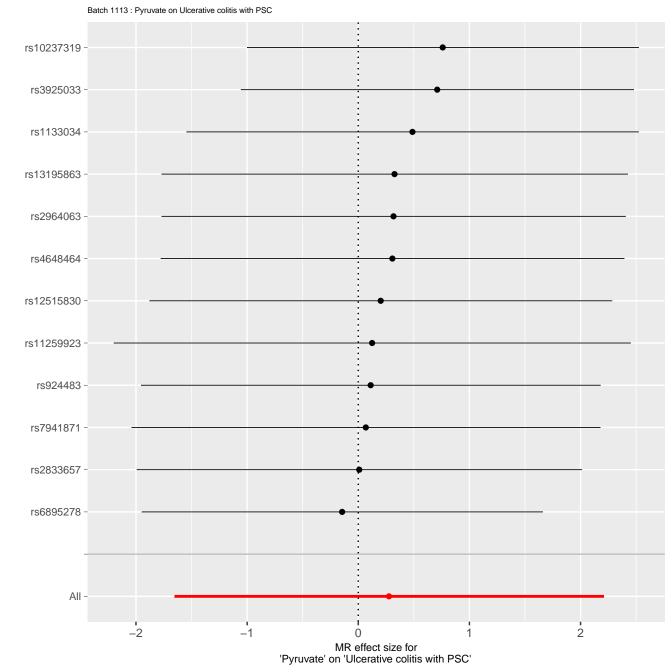


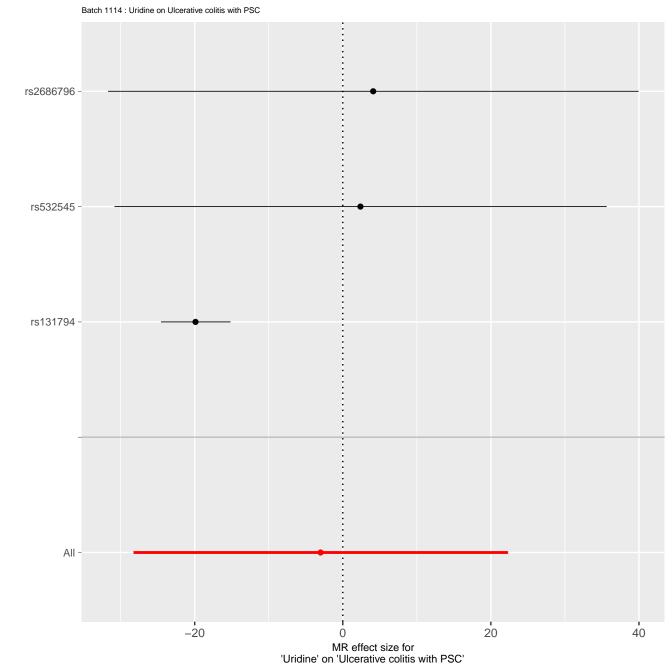


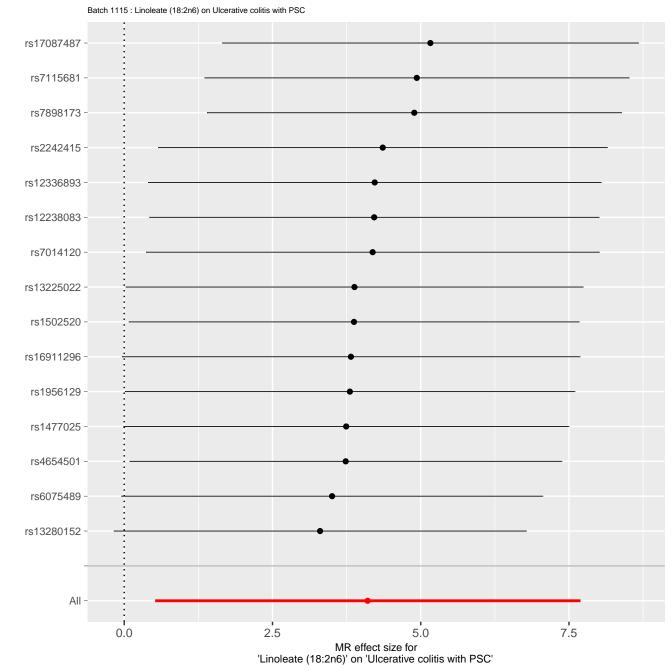


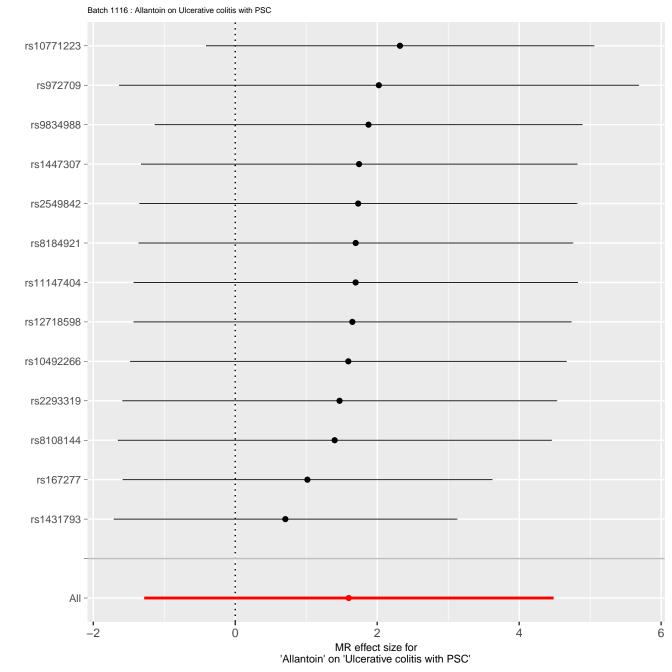


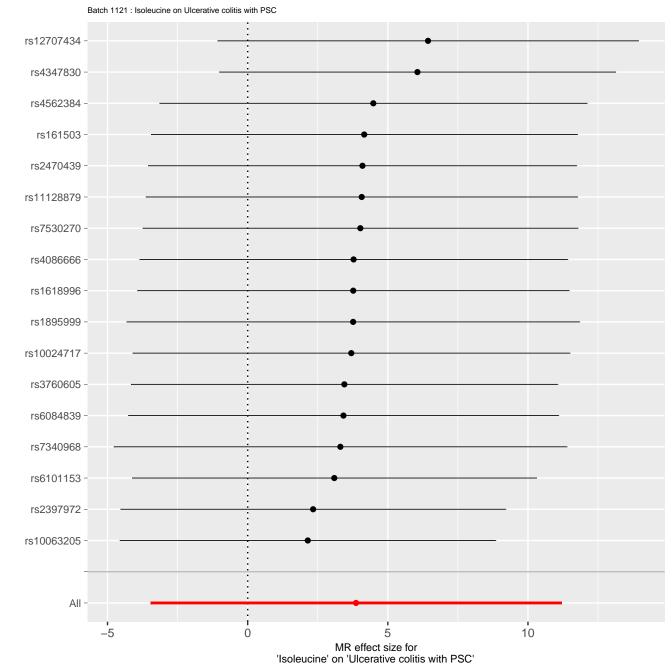


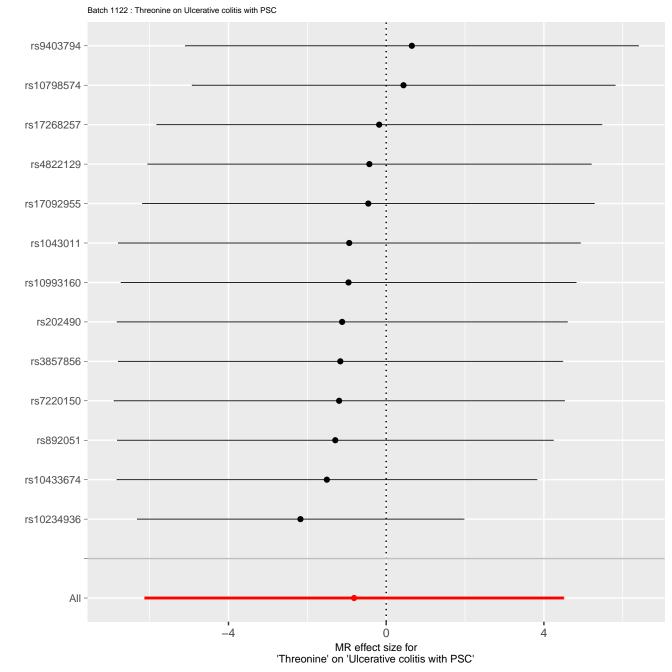


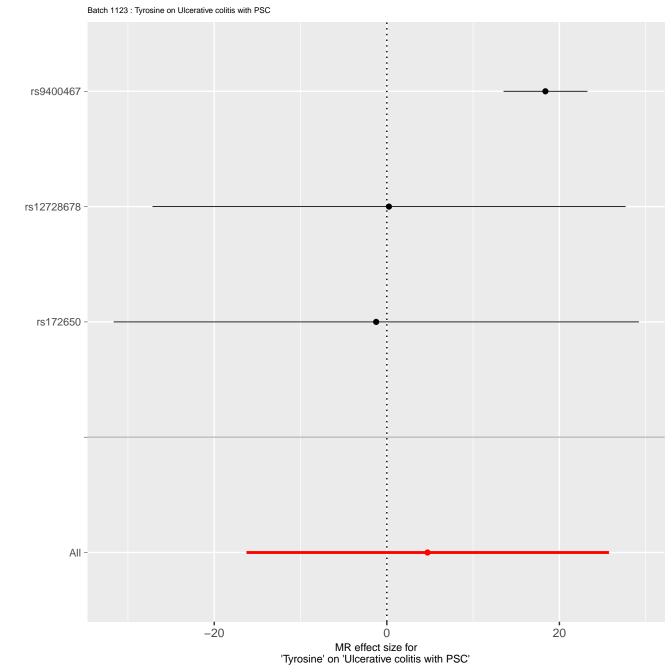


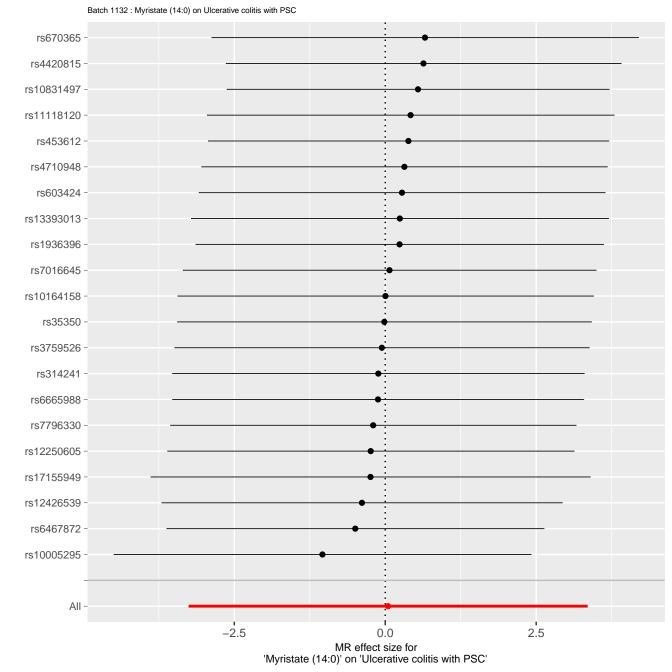


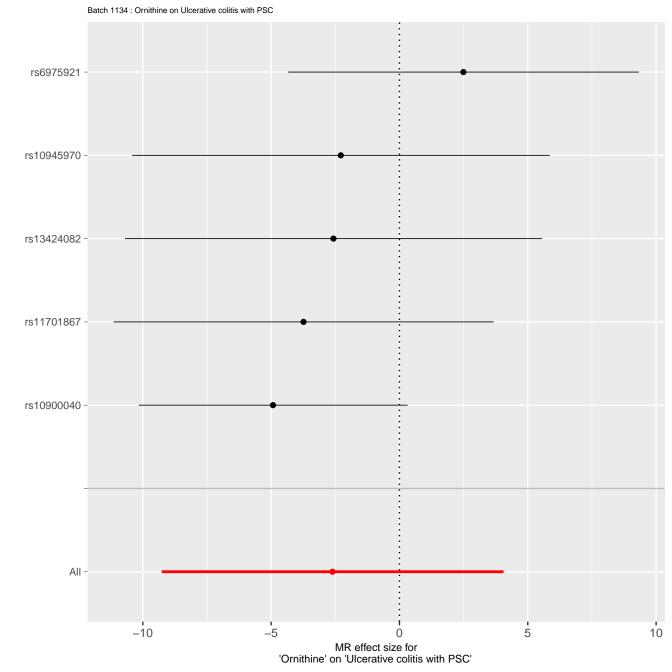


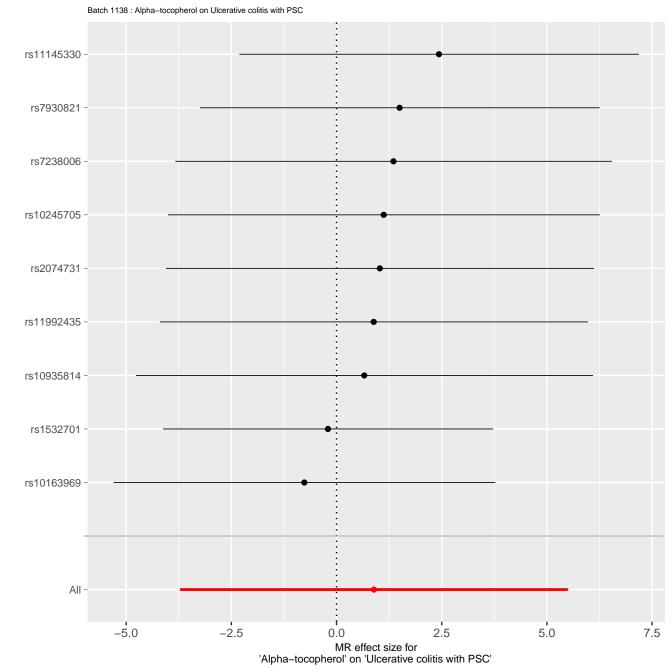


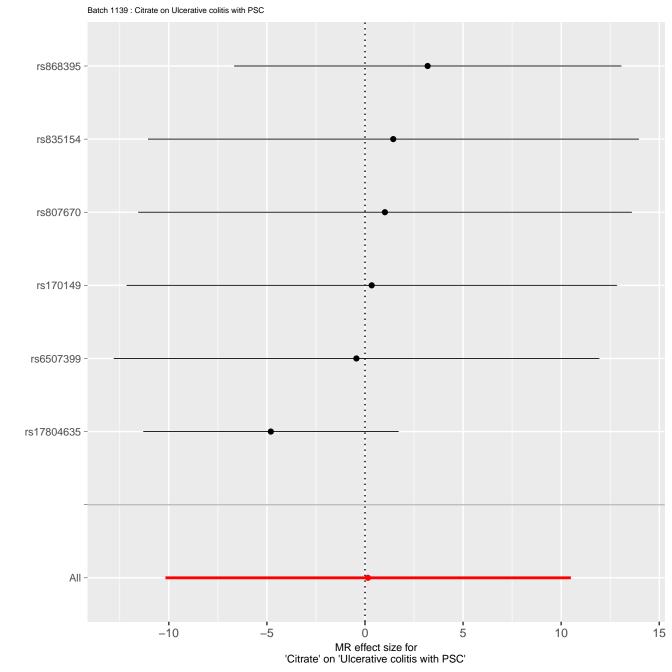


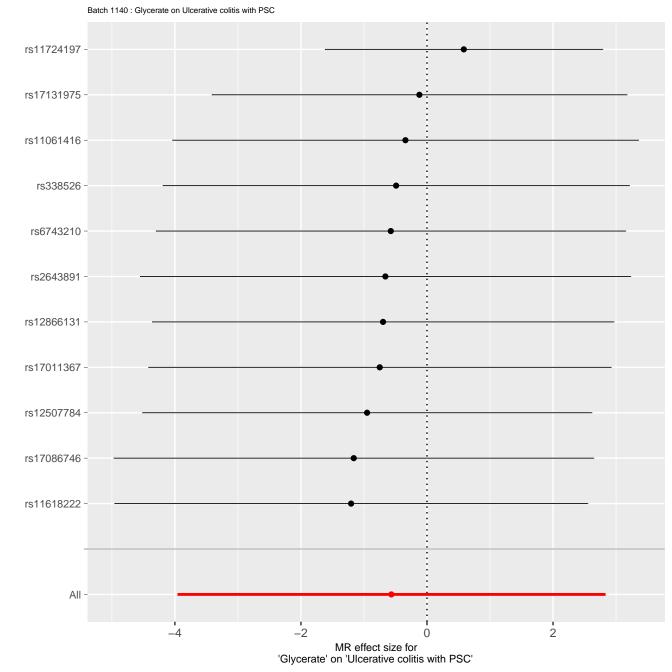


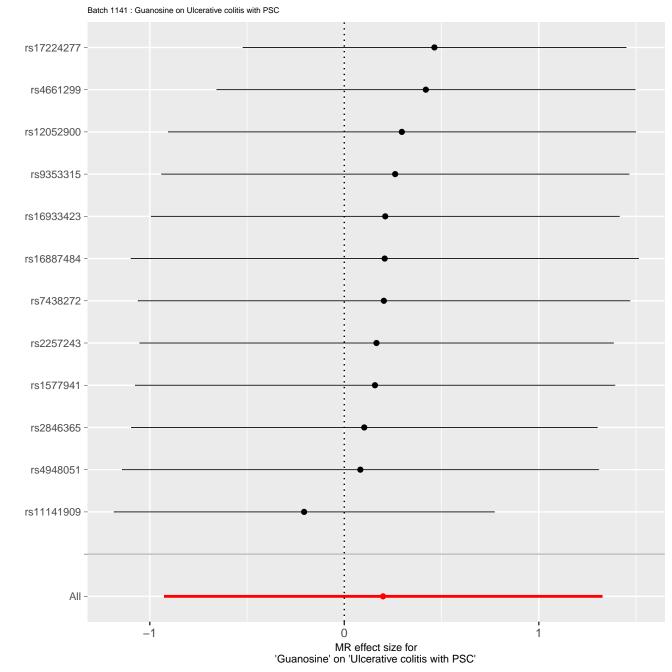


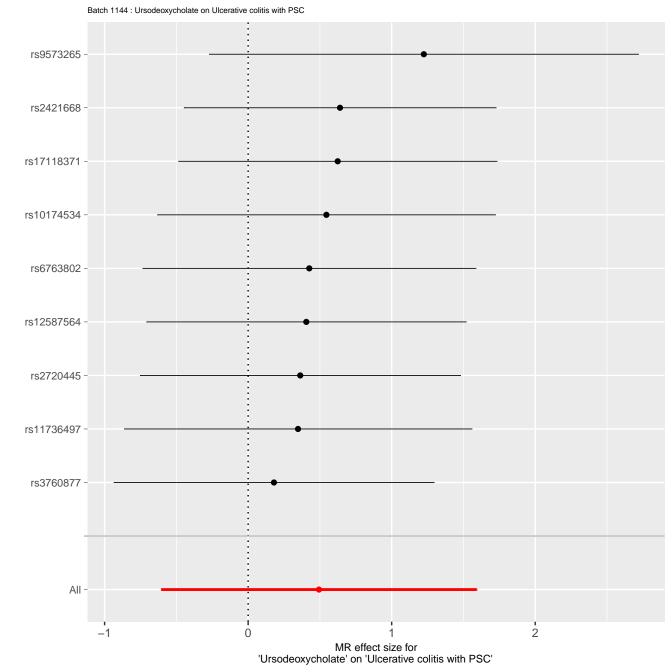


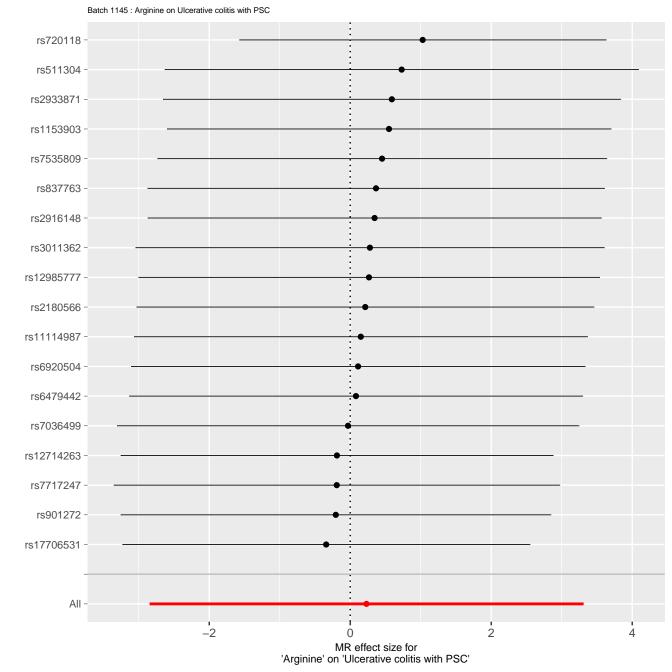


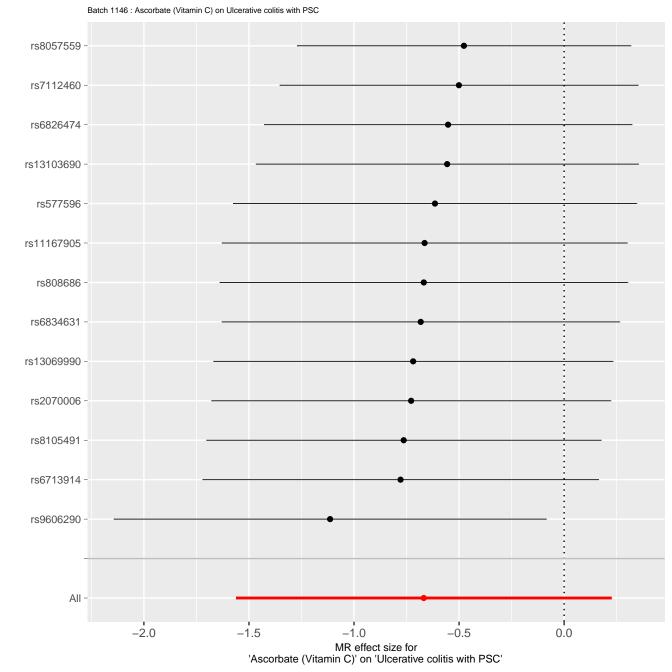


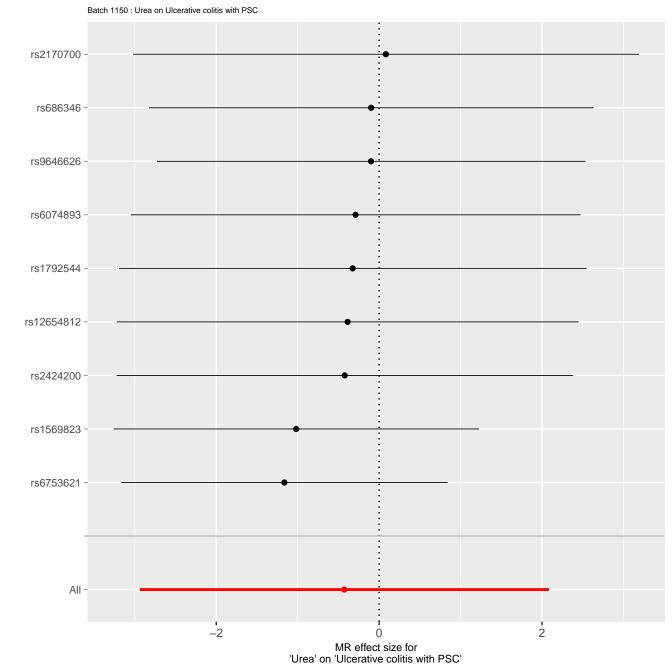


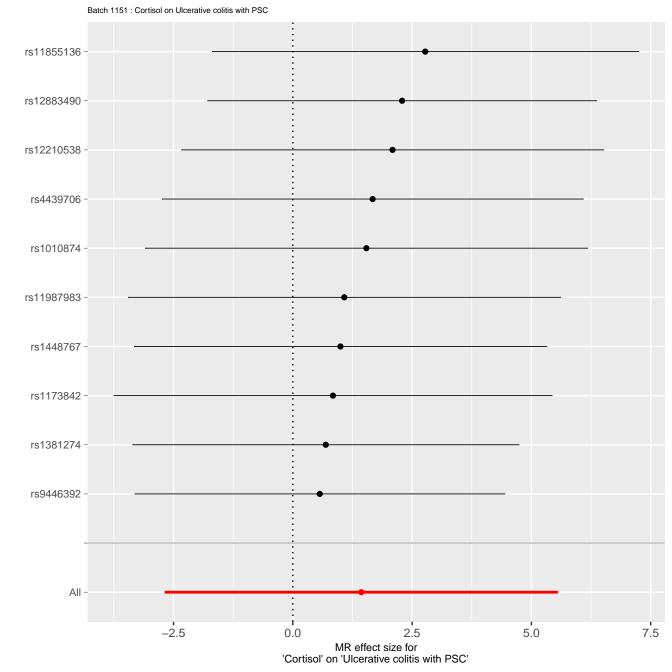


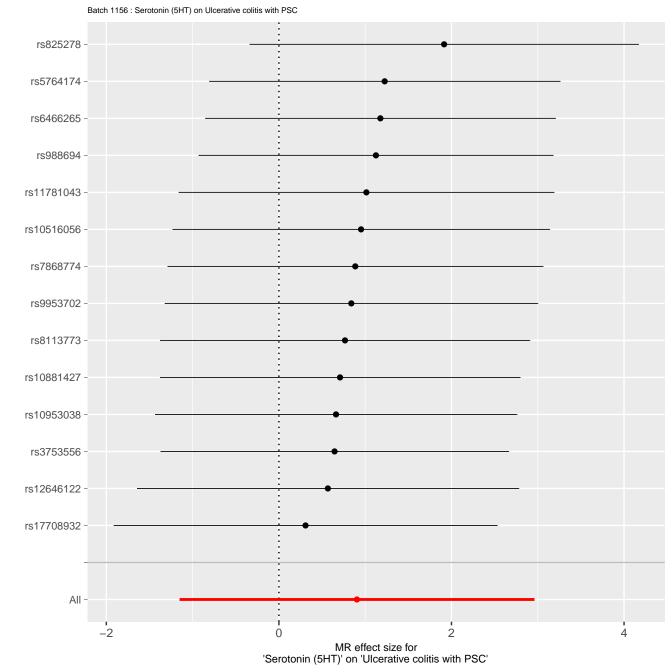


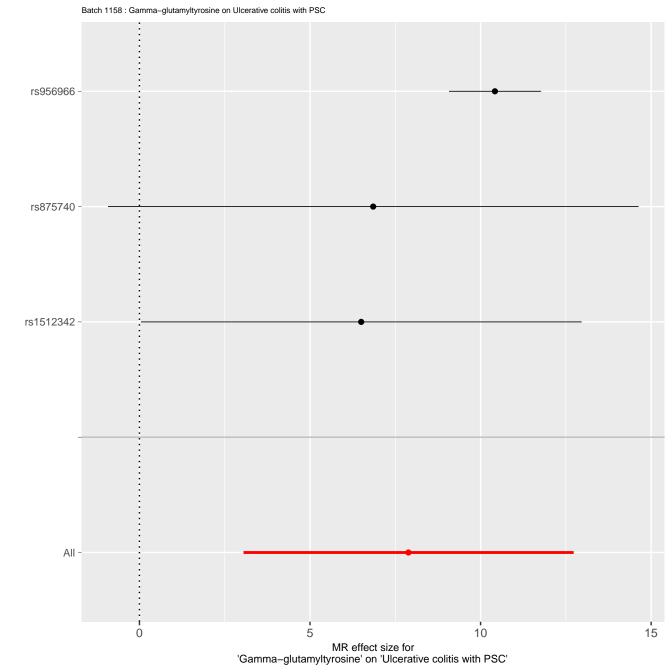


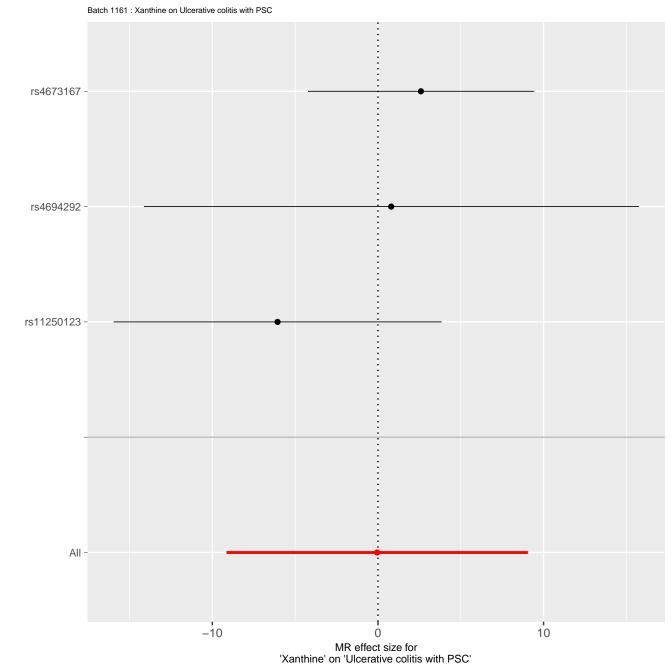


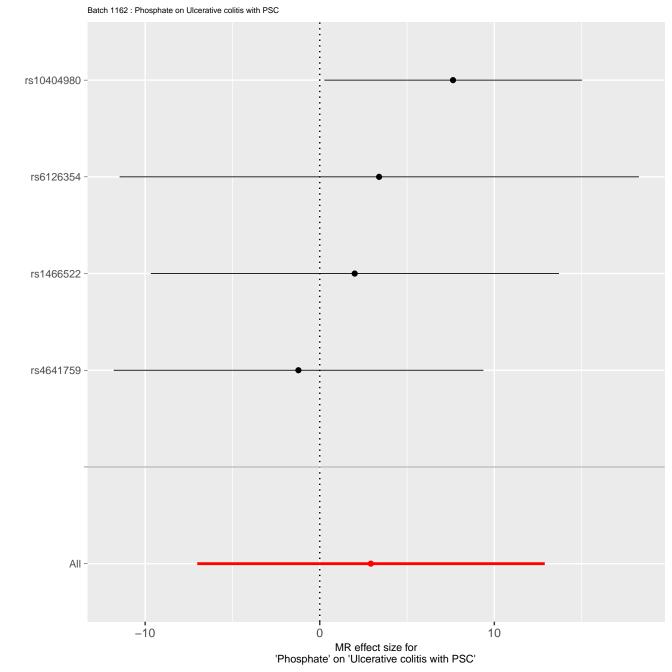


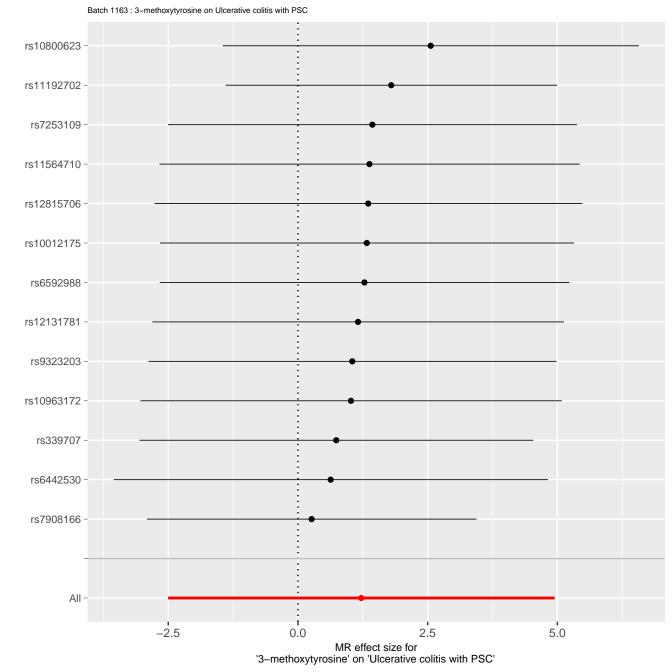


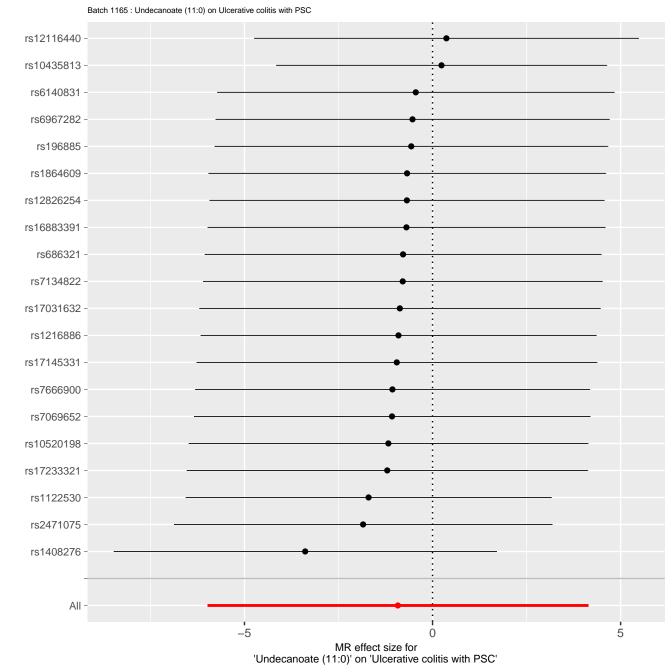


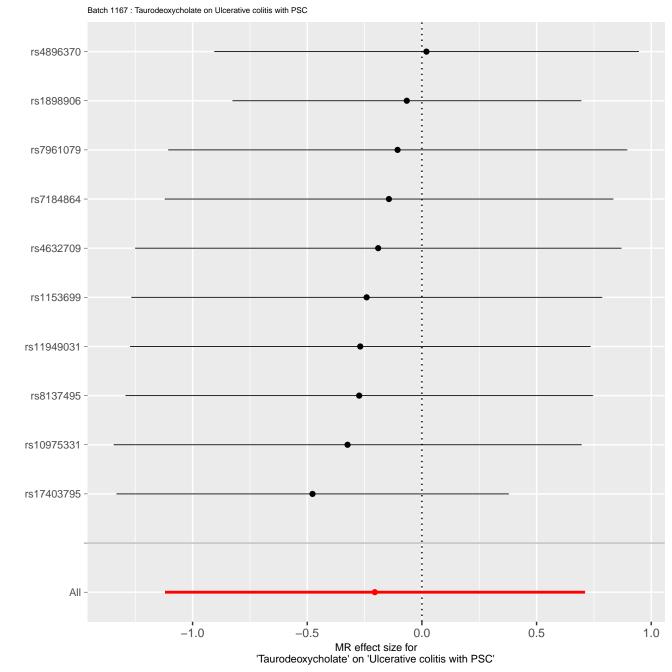


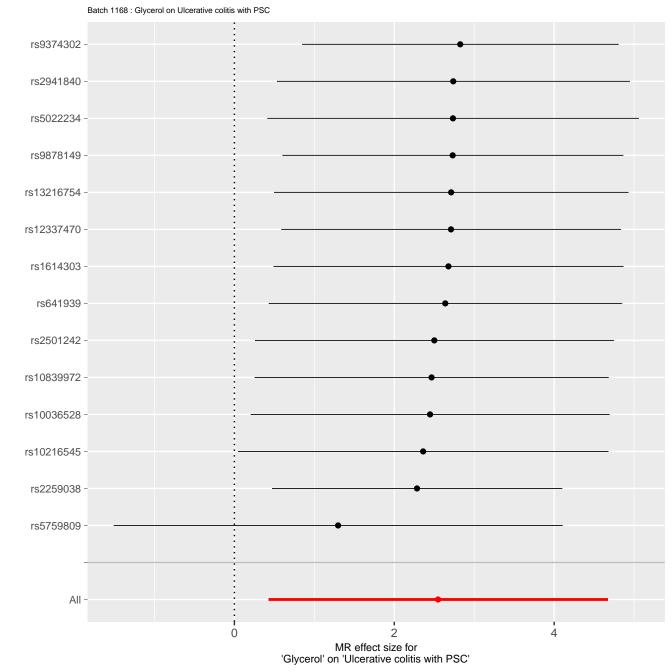


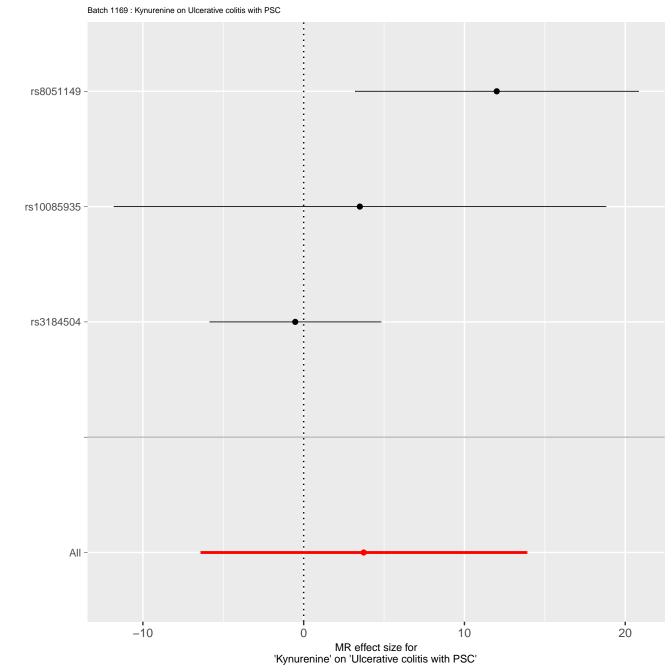


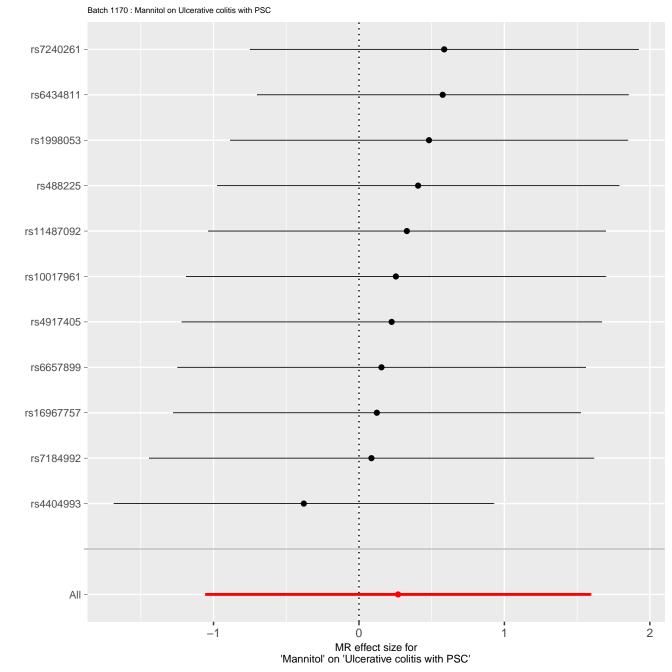


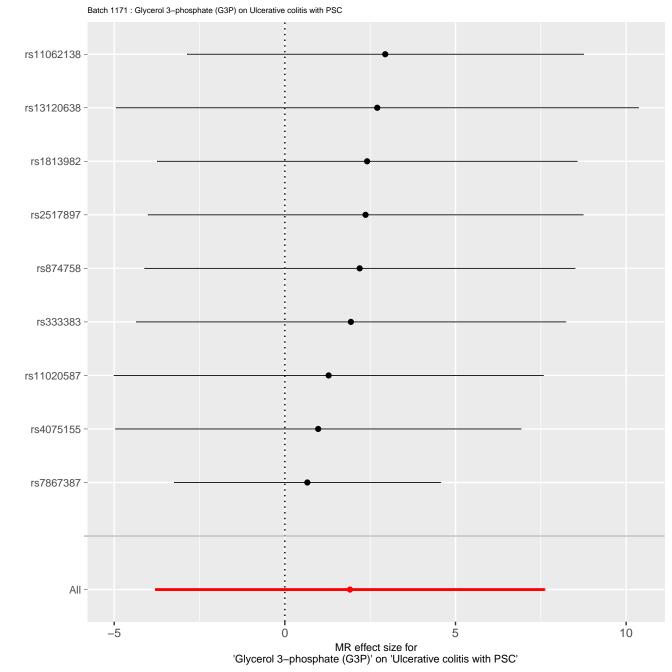


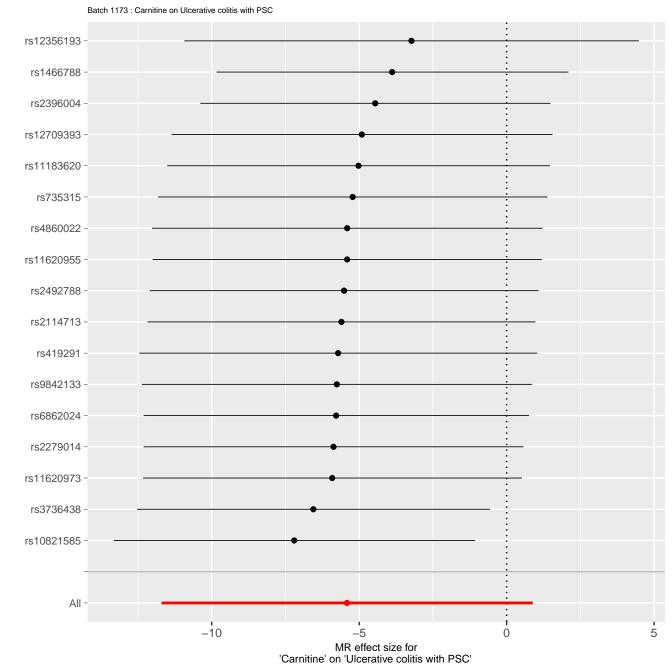


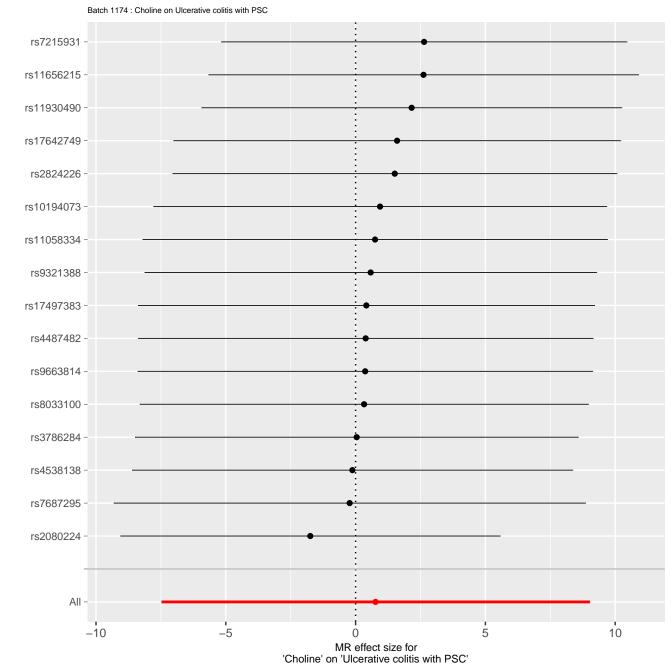


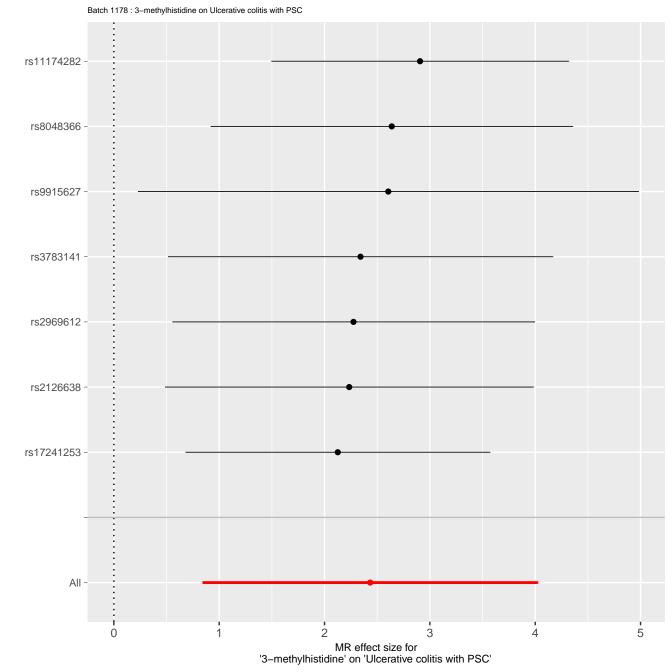


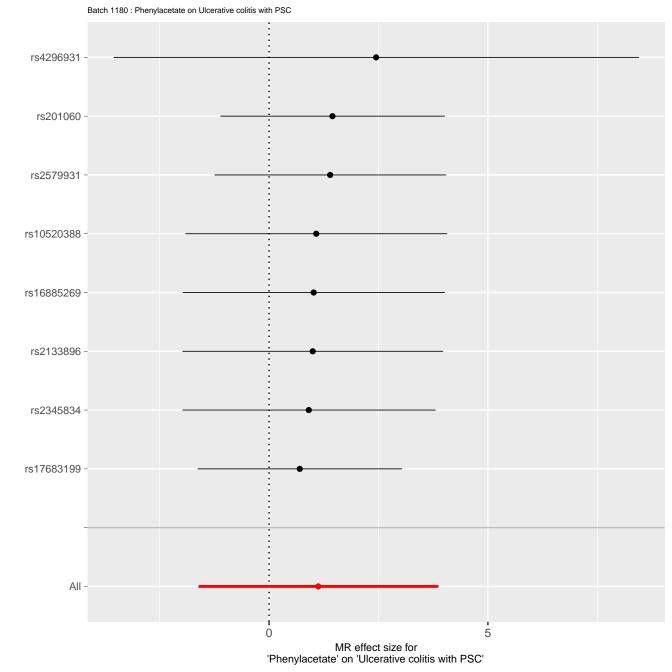


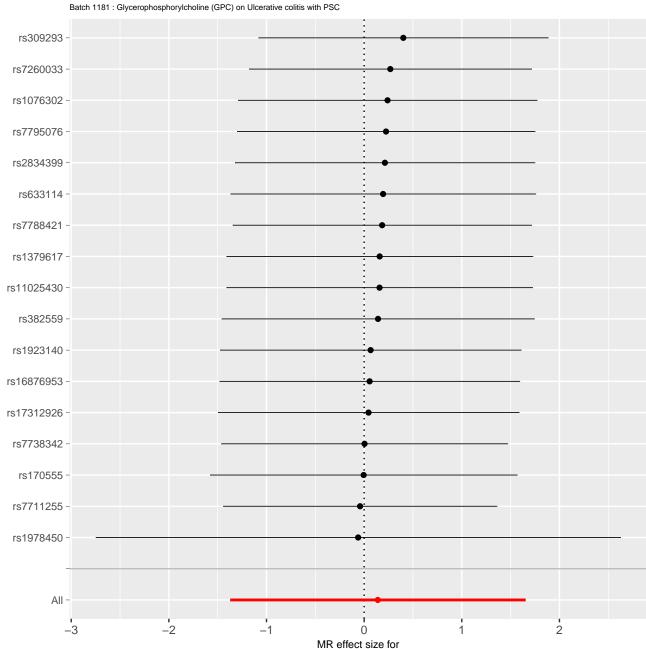




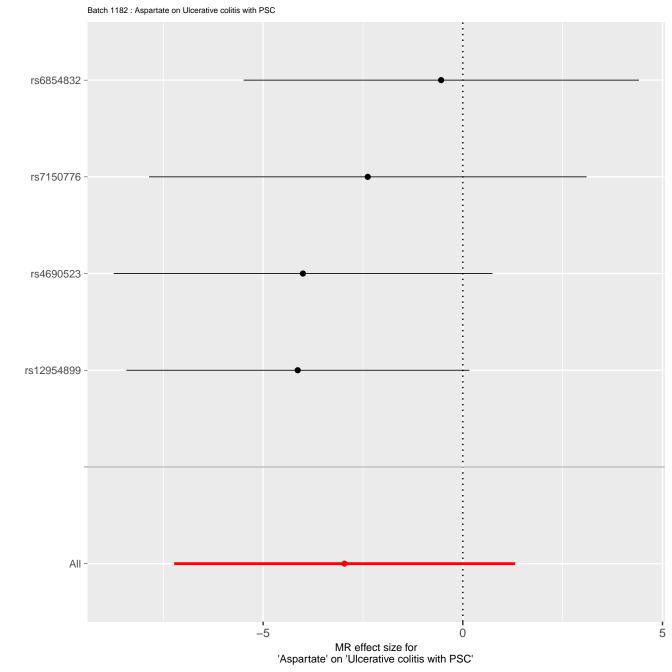


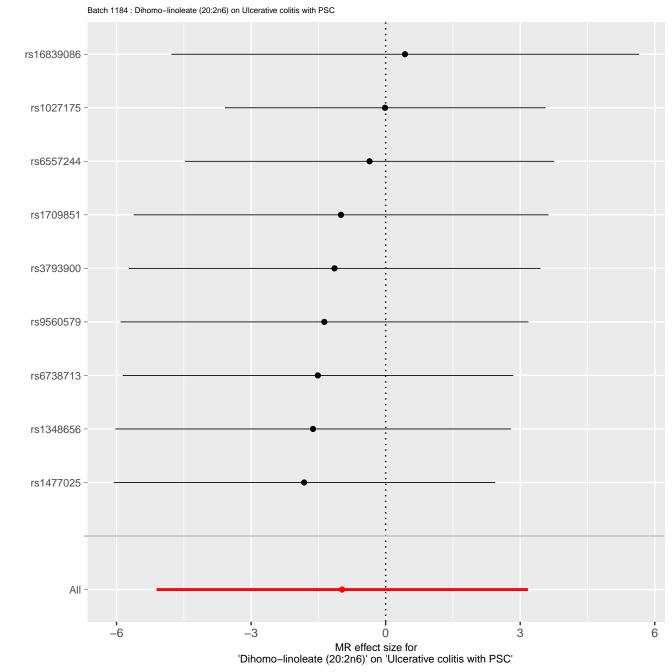


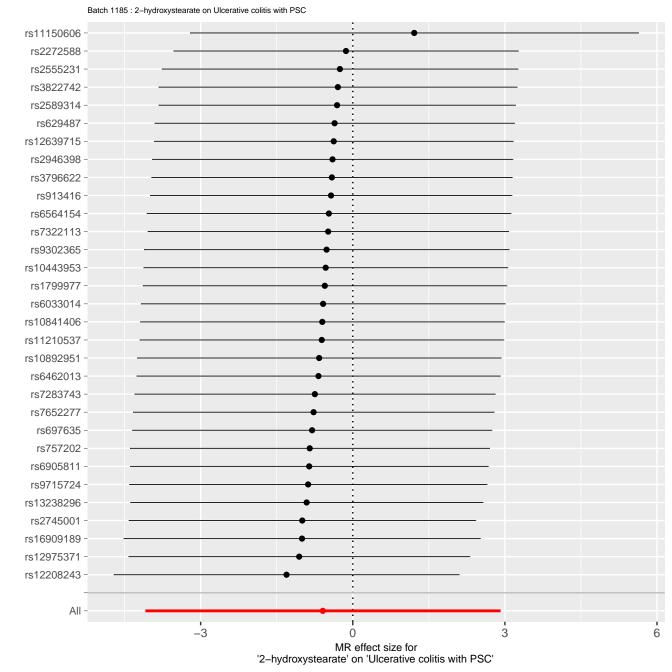


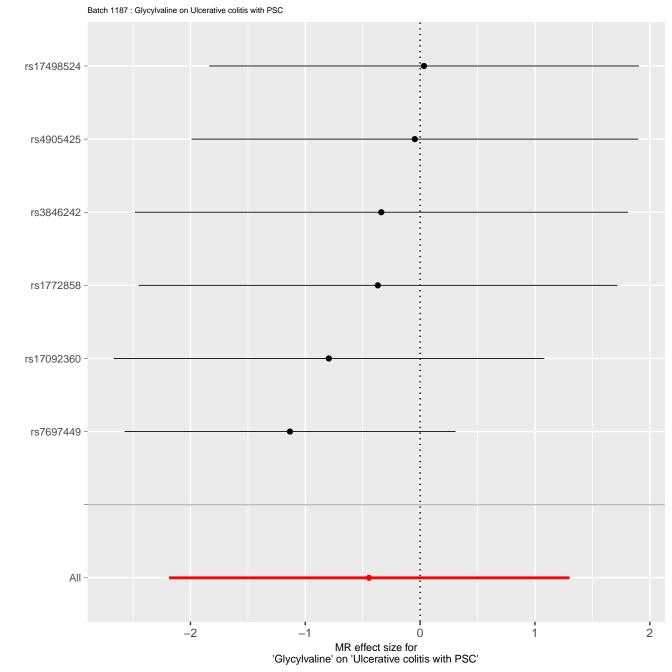


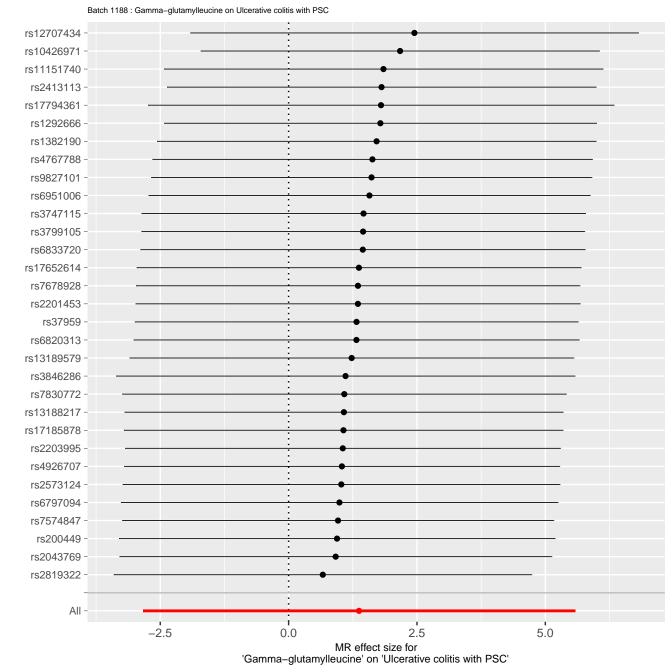
'Glycerophosphorylcholine (GPC)' on 'Ulcerative colitis with PSC'

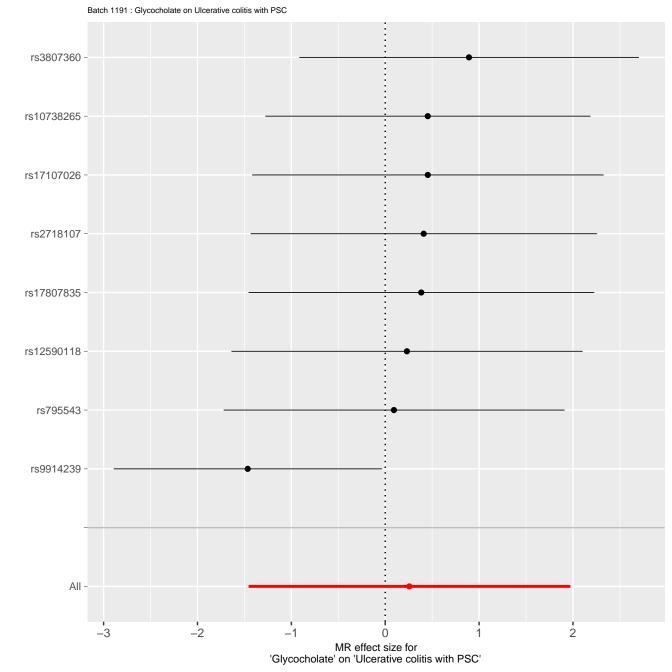


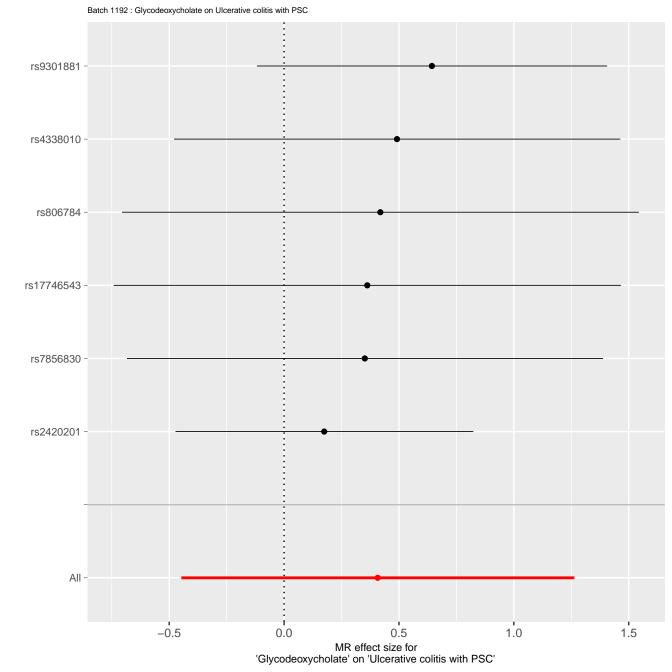


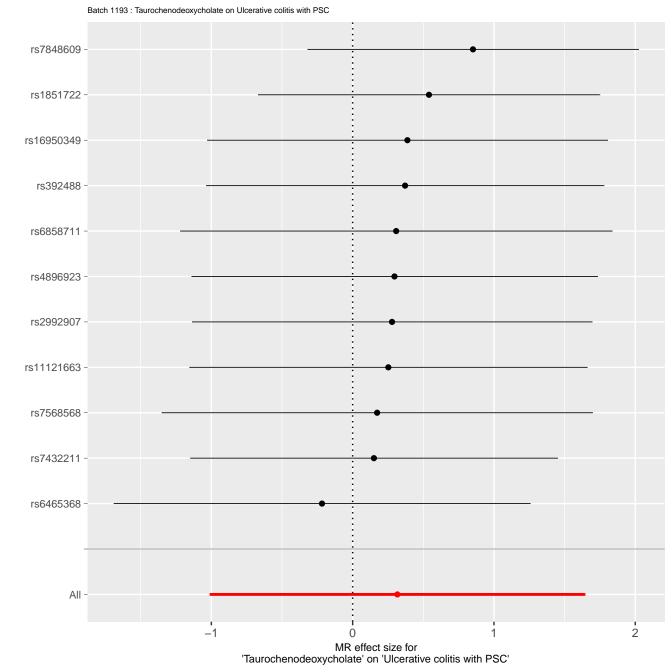


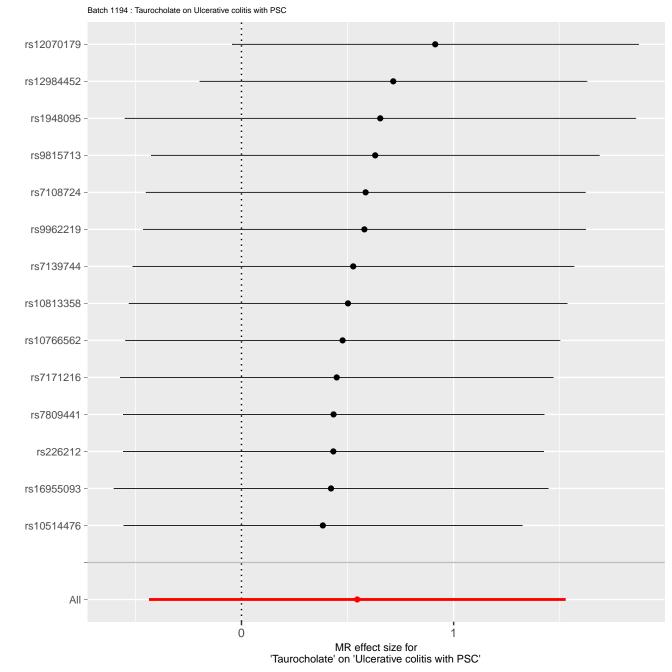


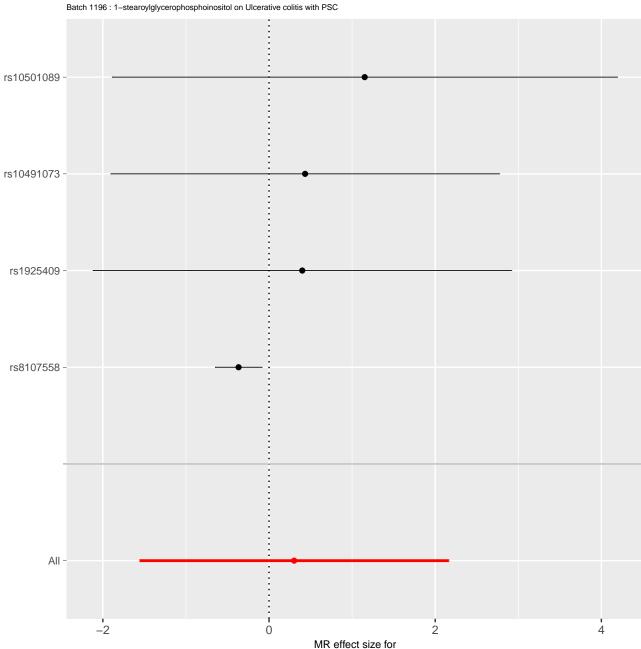




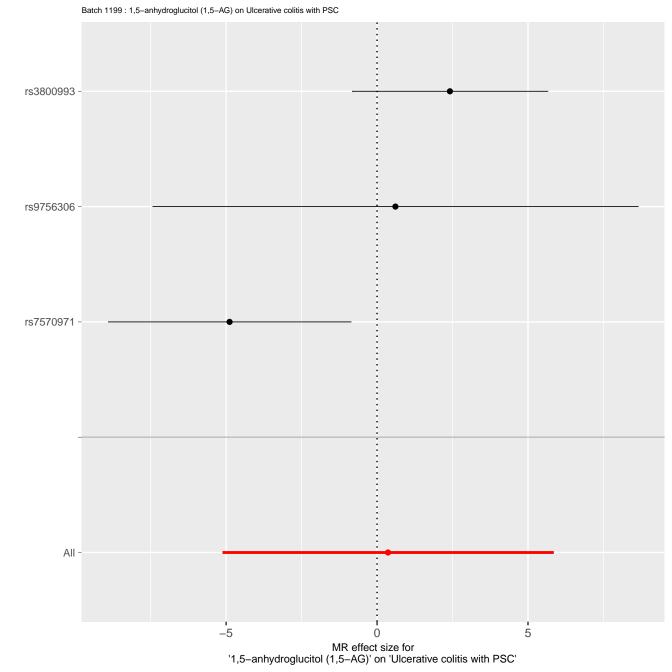


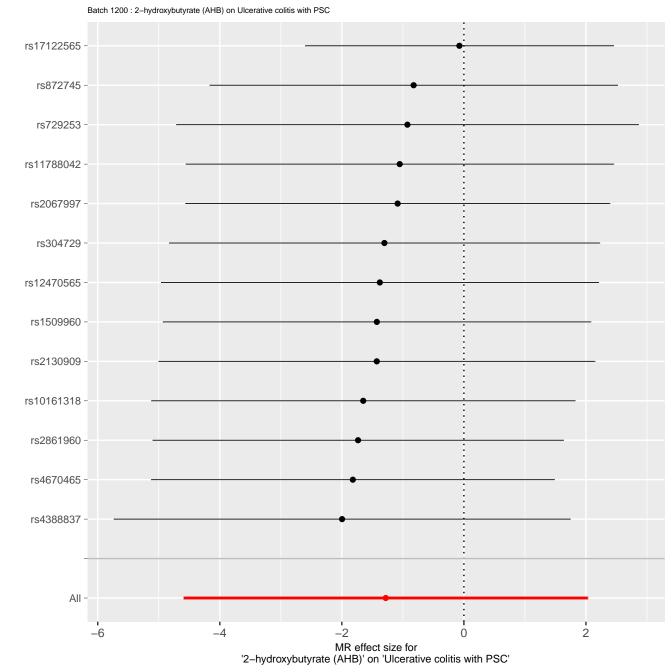


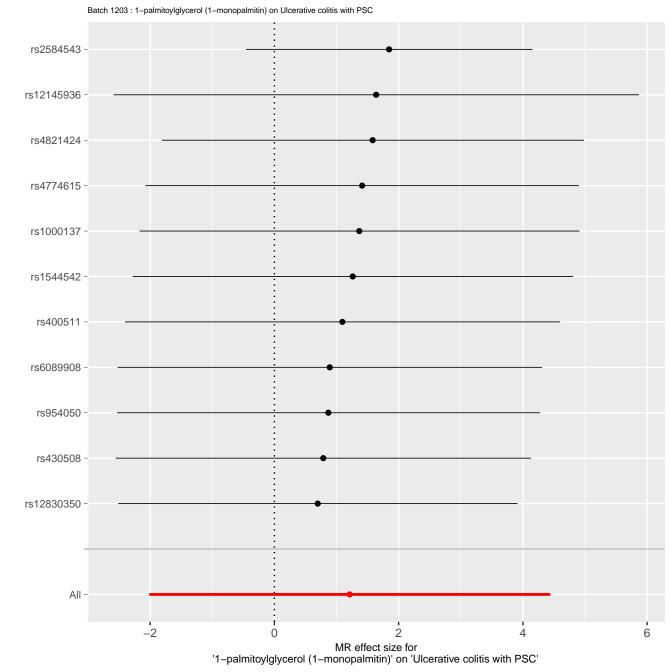


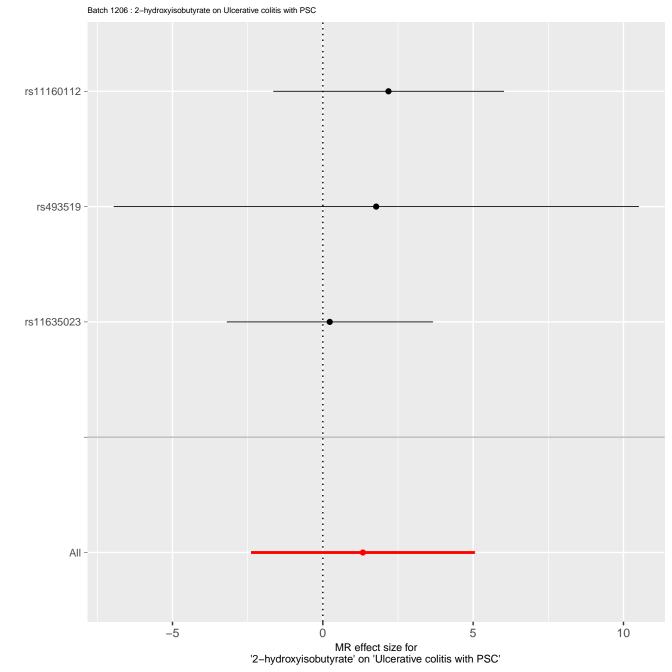


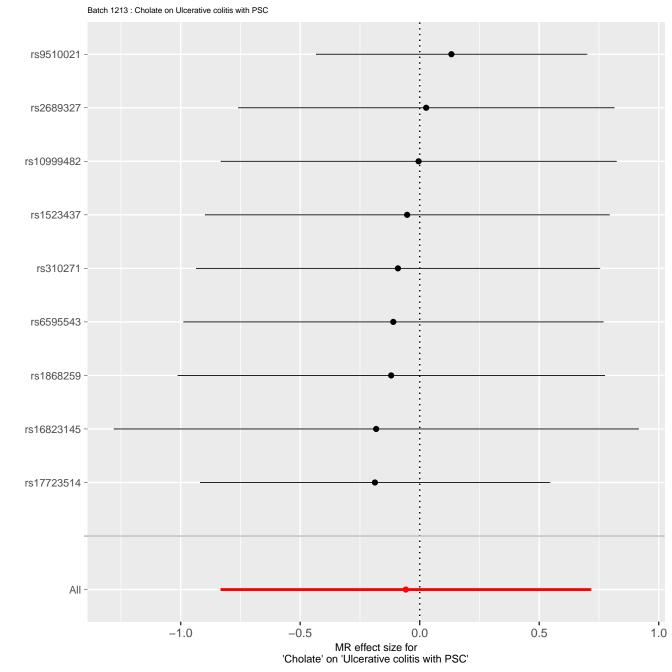
'1-stearoylglycerophosphoinositol' on 'Ulcerative colitis with PSC'

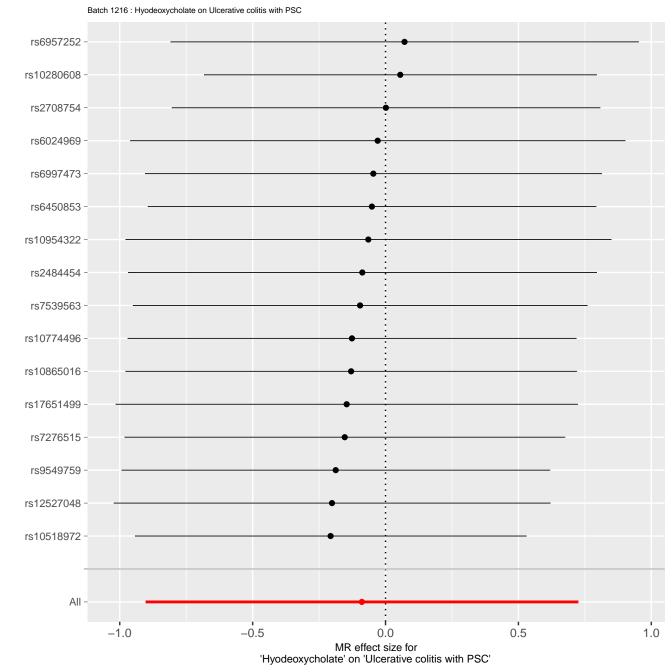


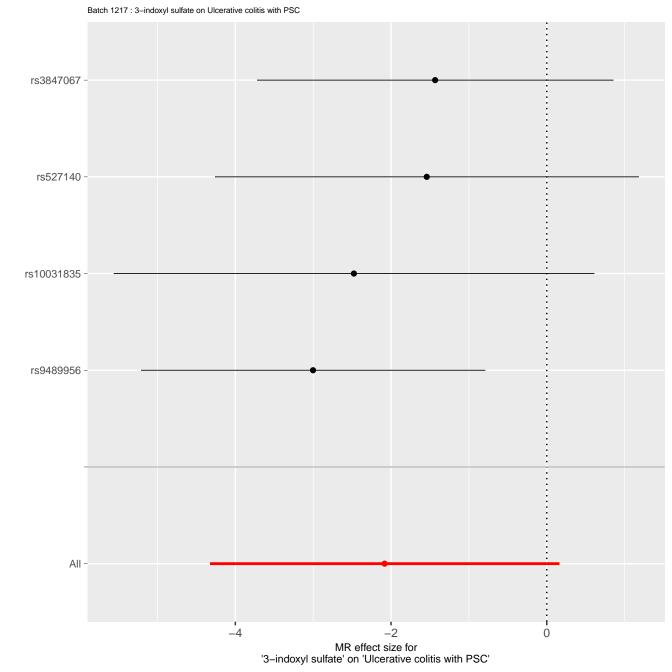


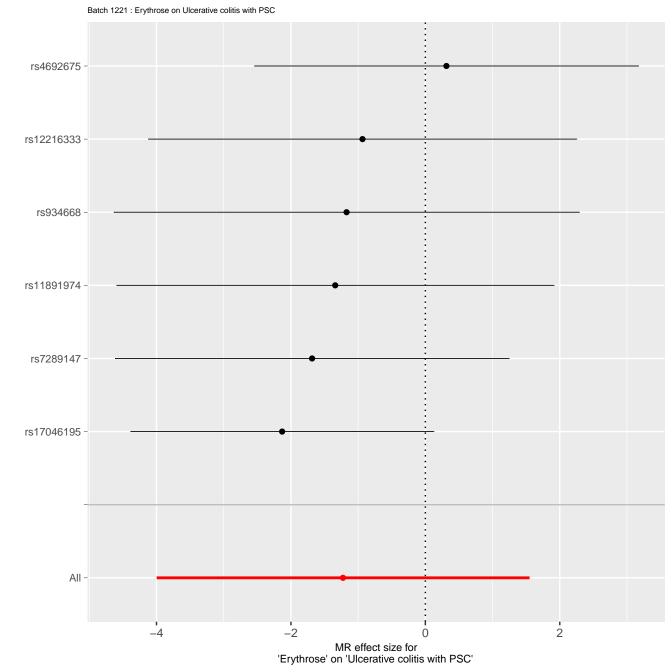


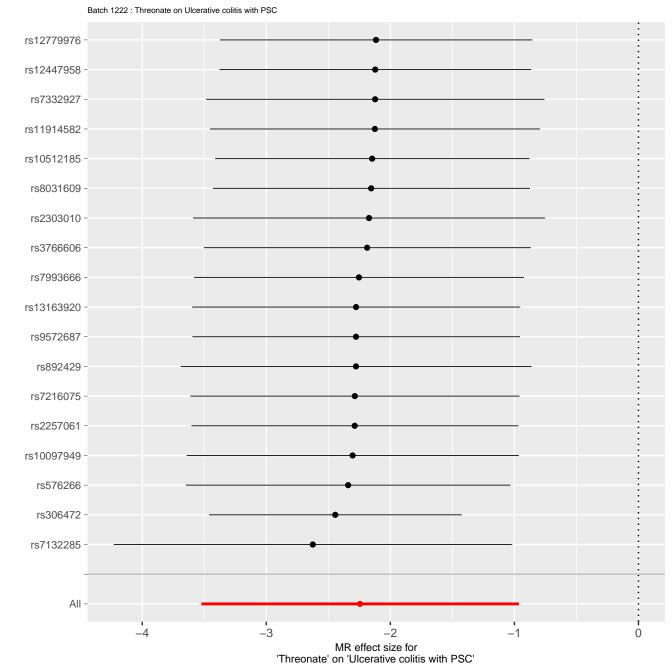


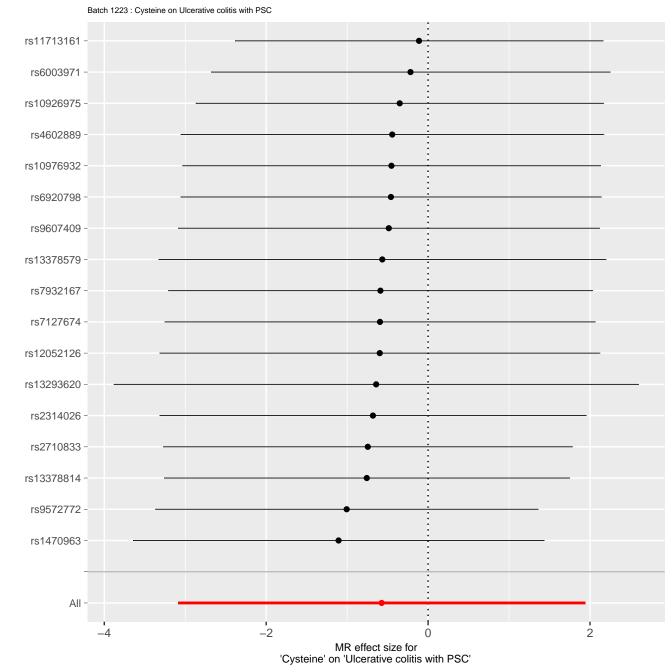


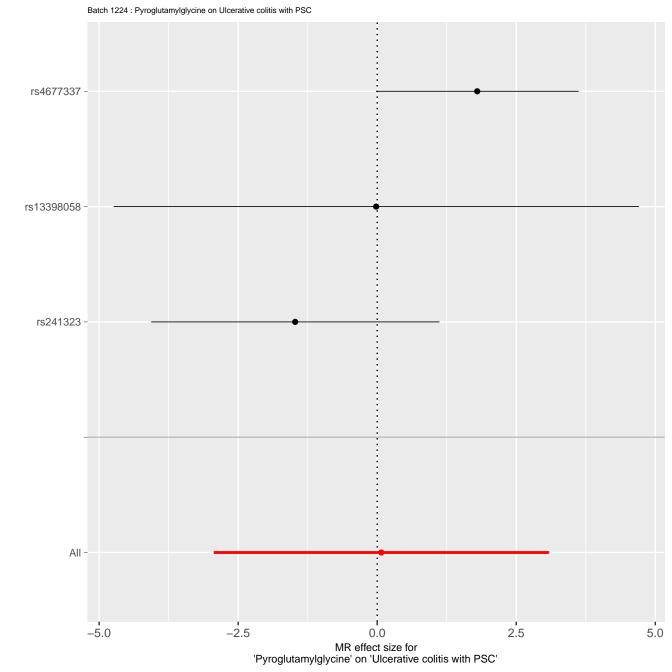


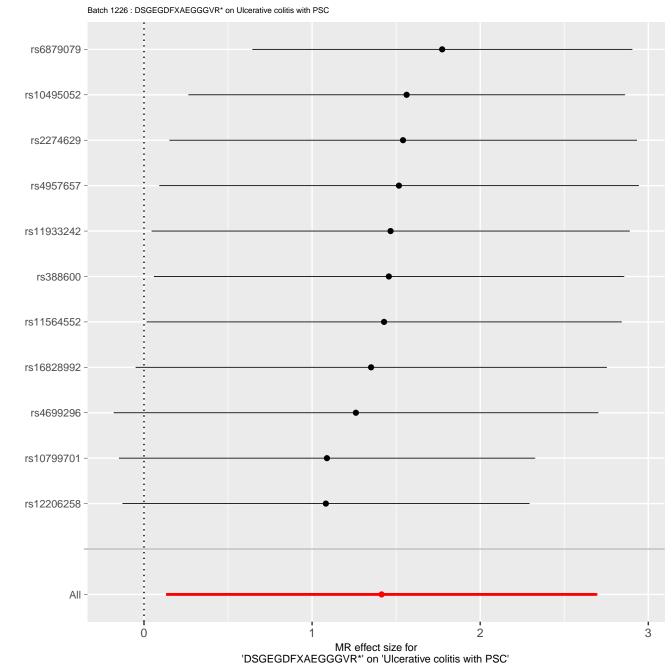


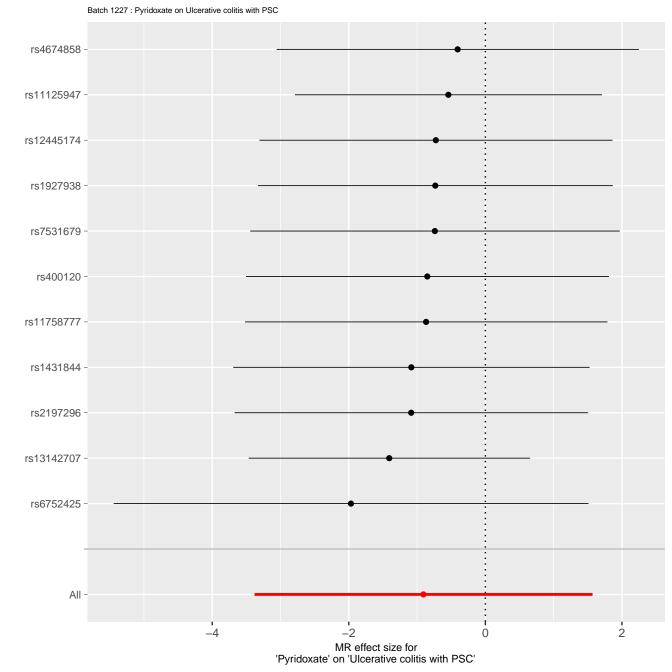


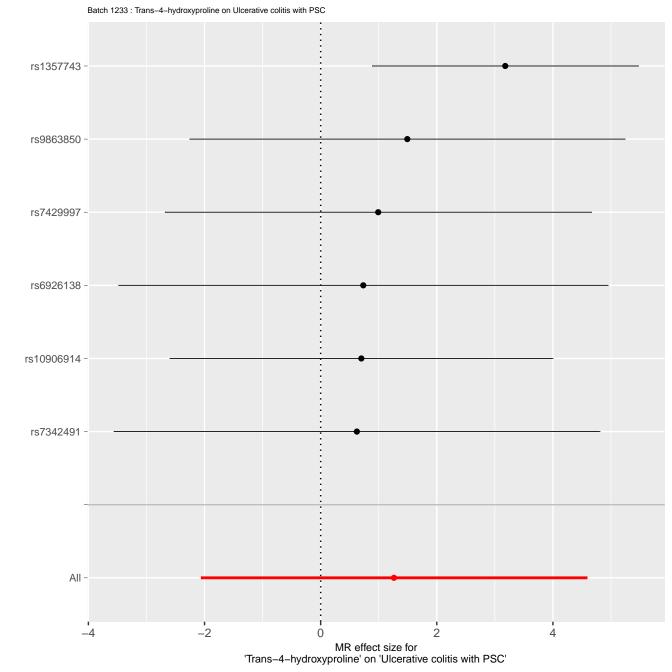


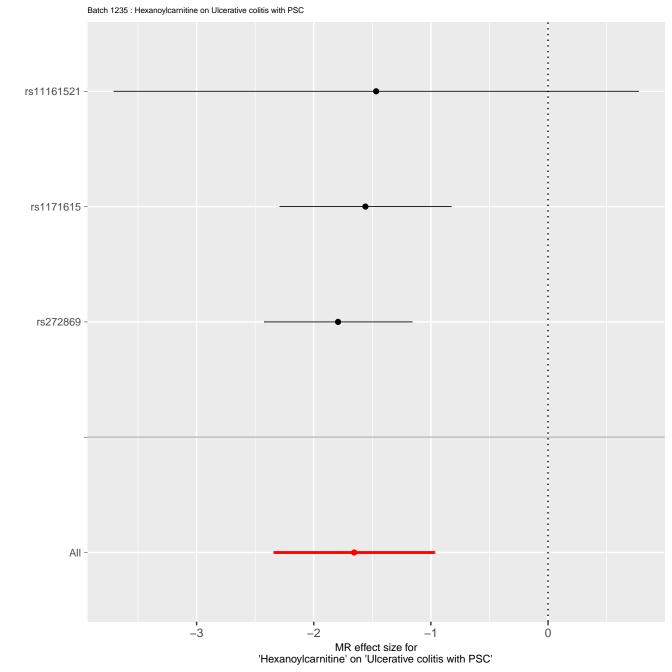


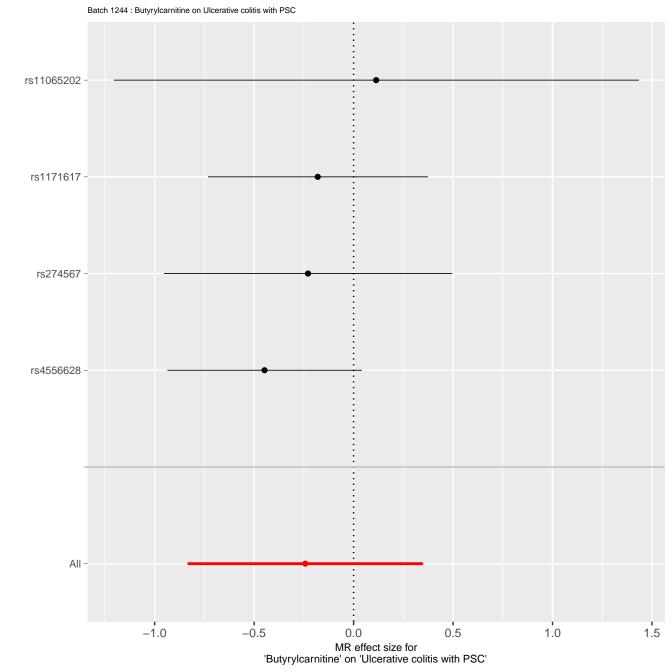


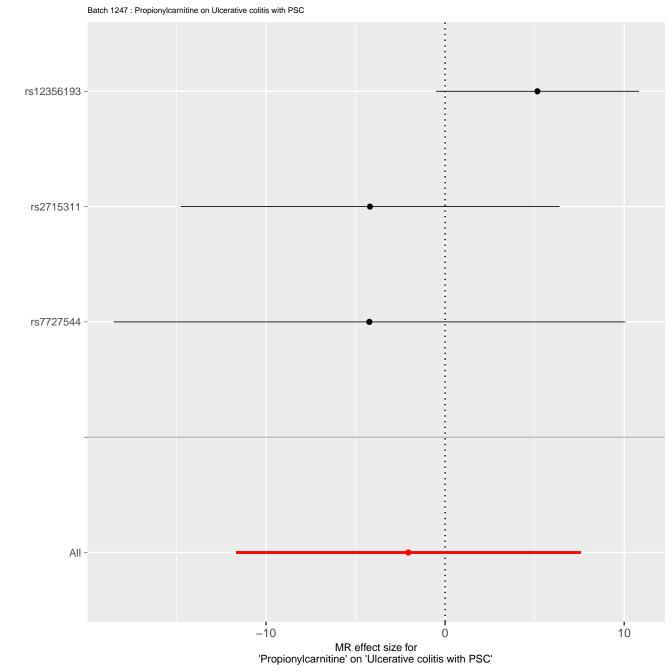


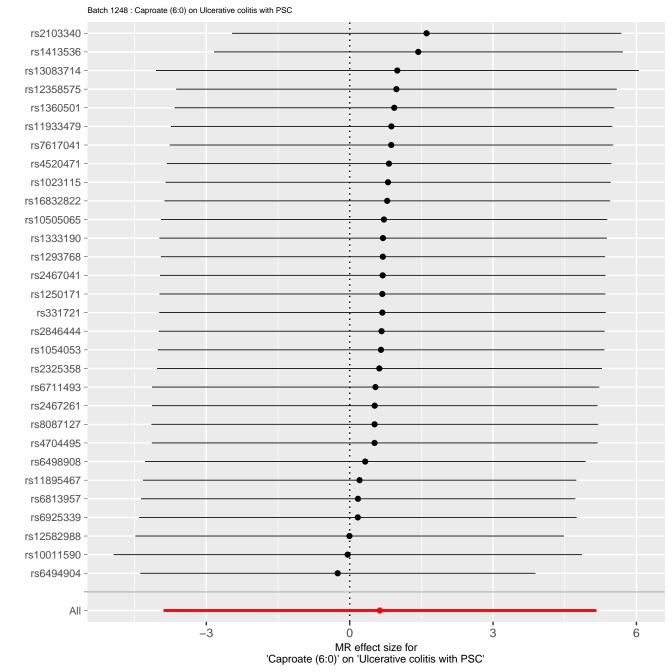


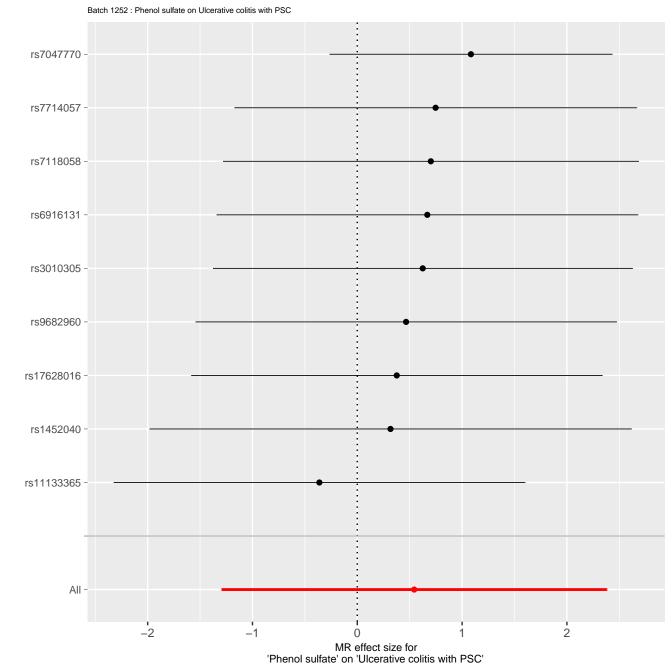


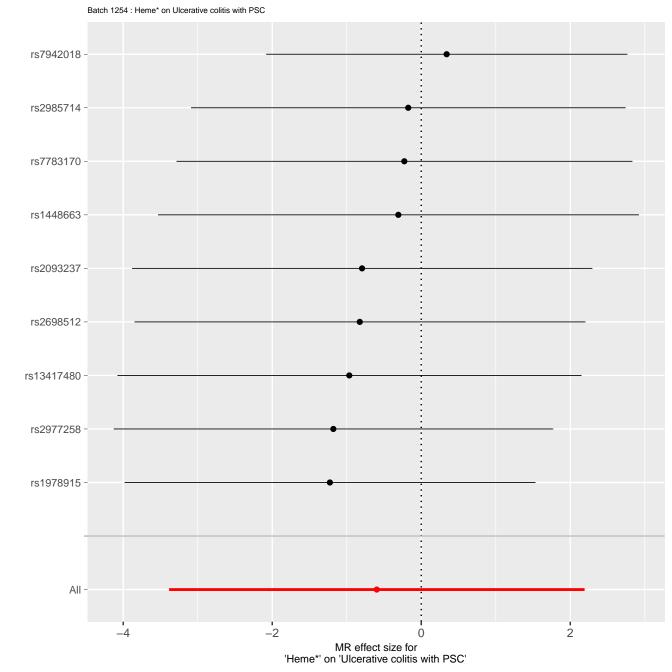


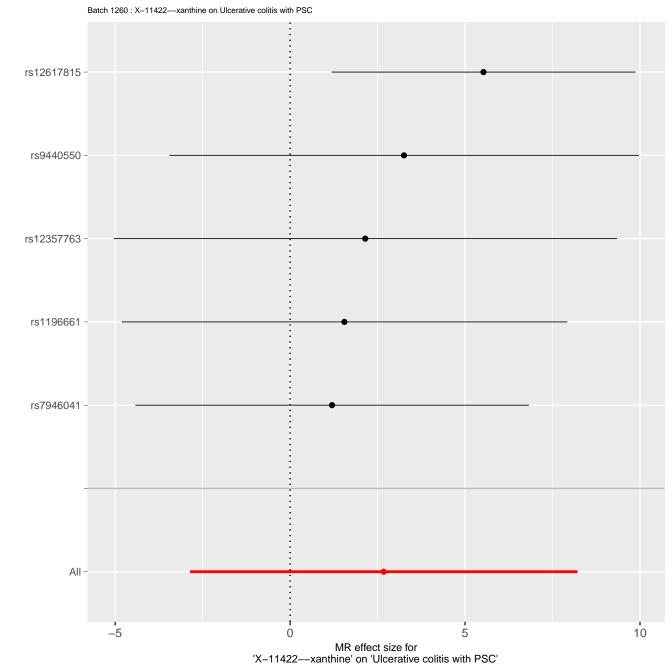


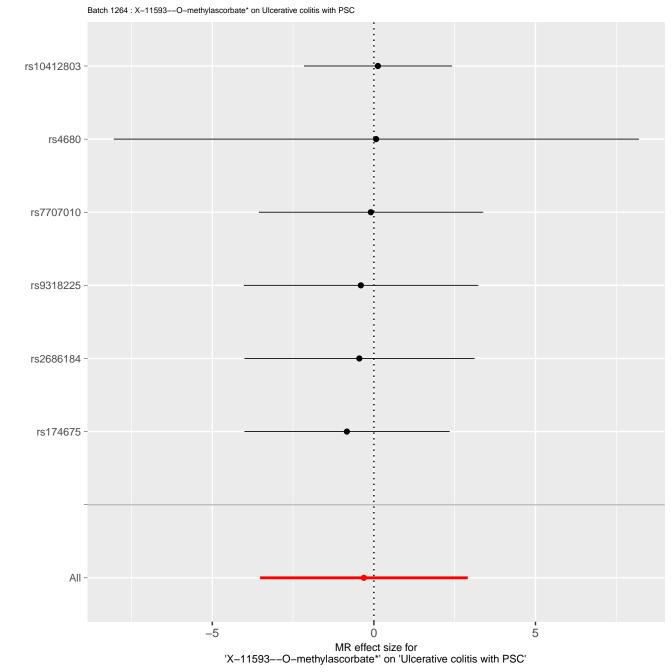


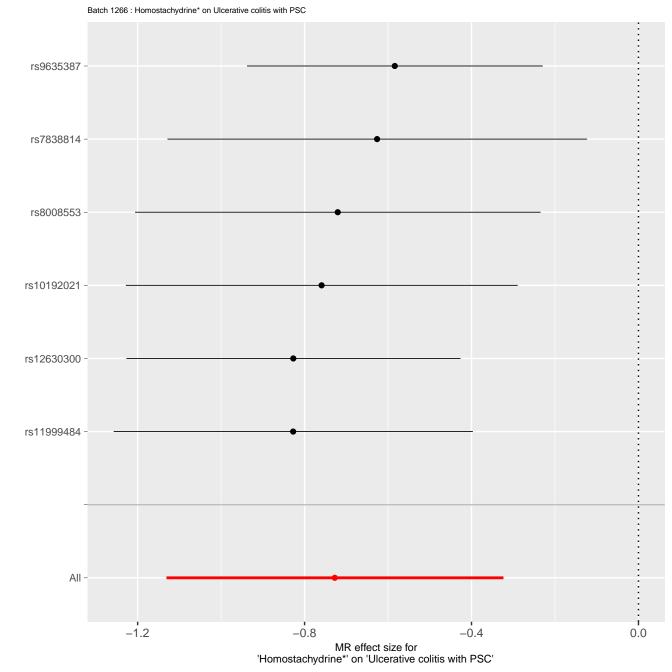


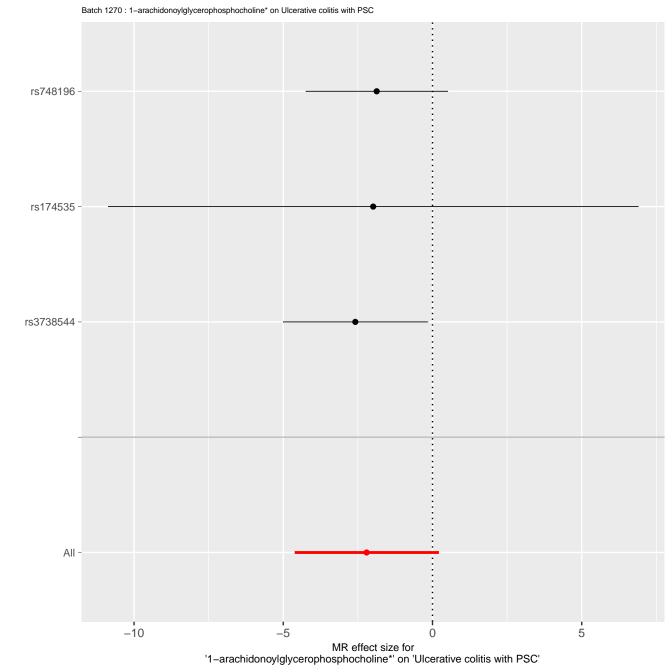


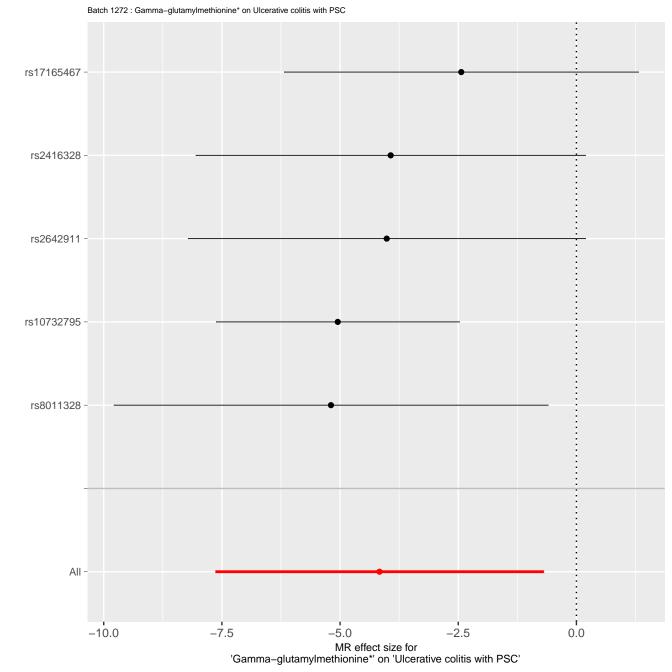


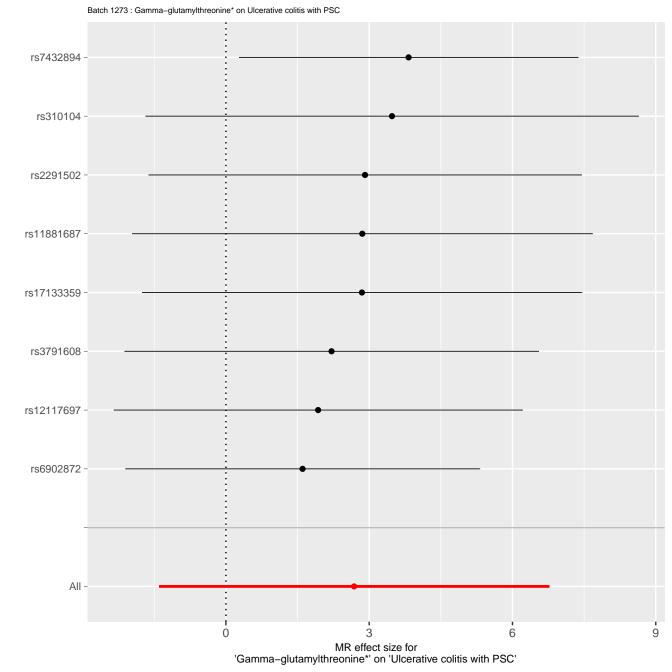


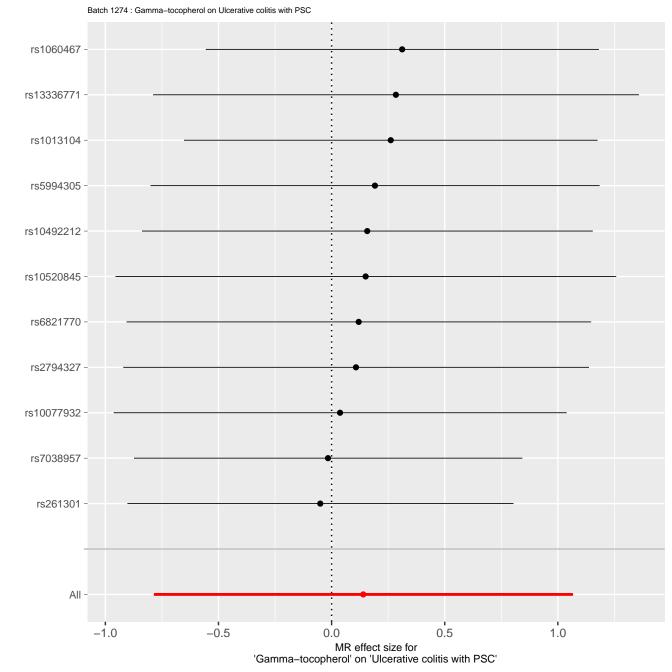


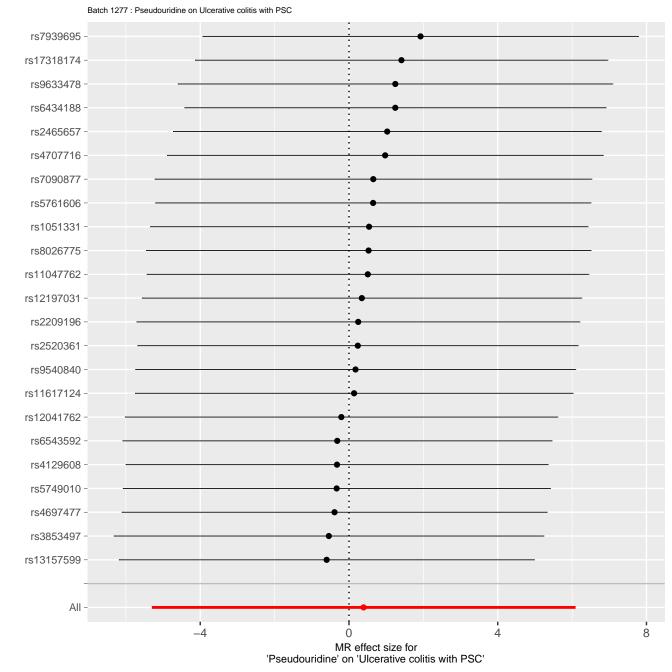


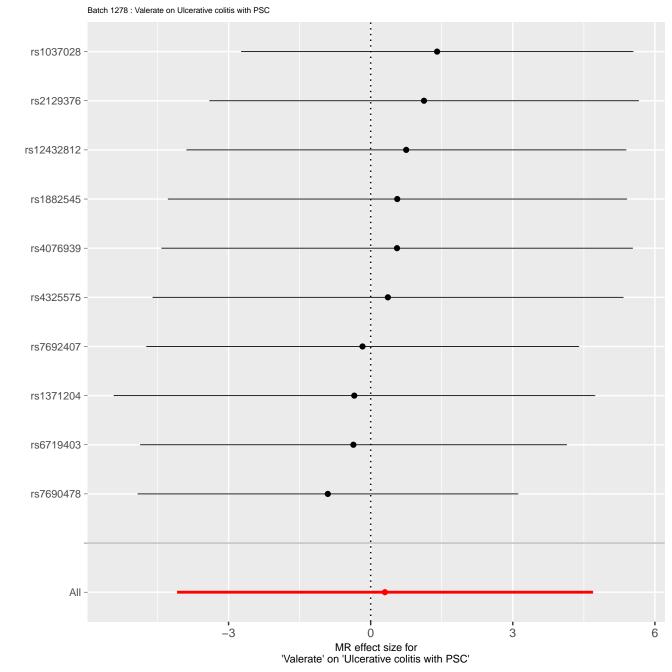


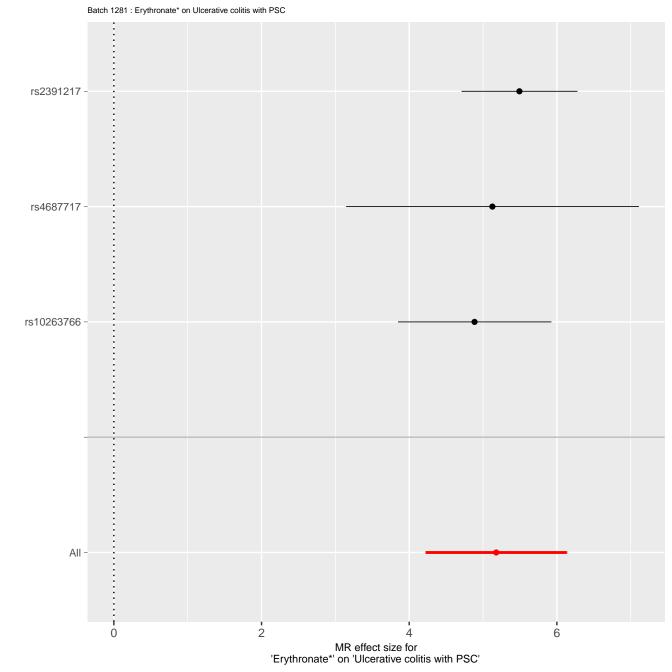


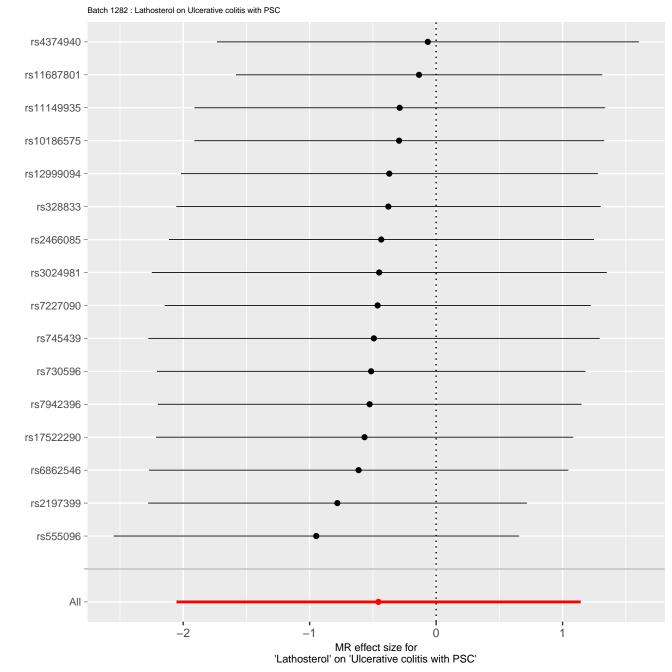


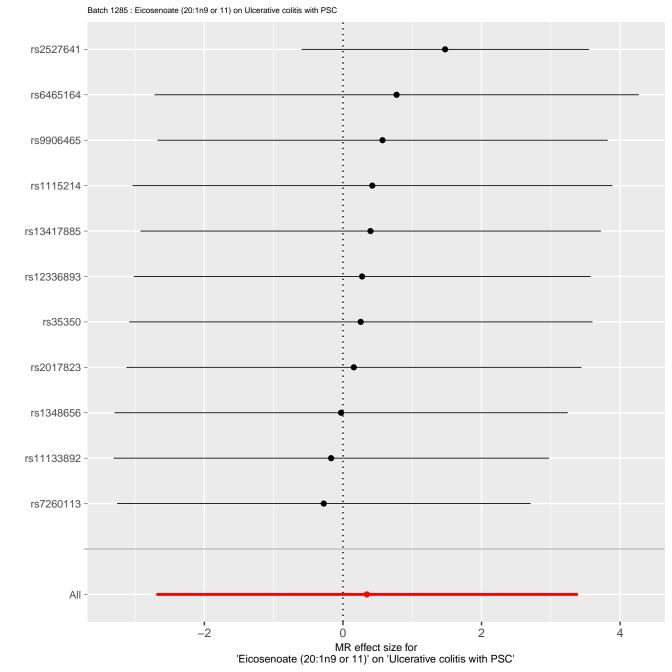


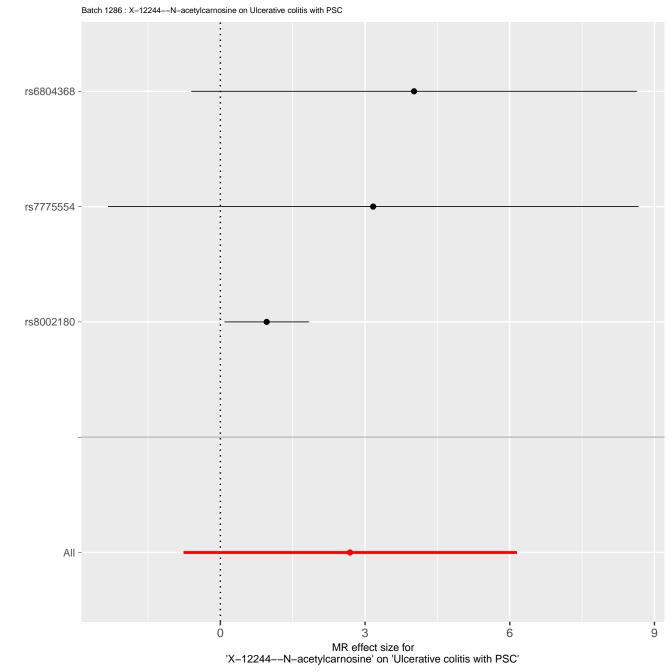


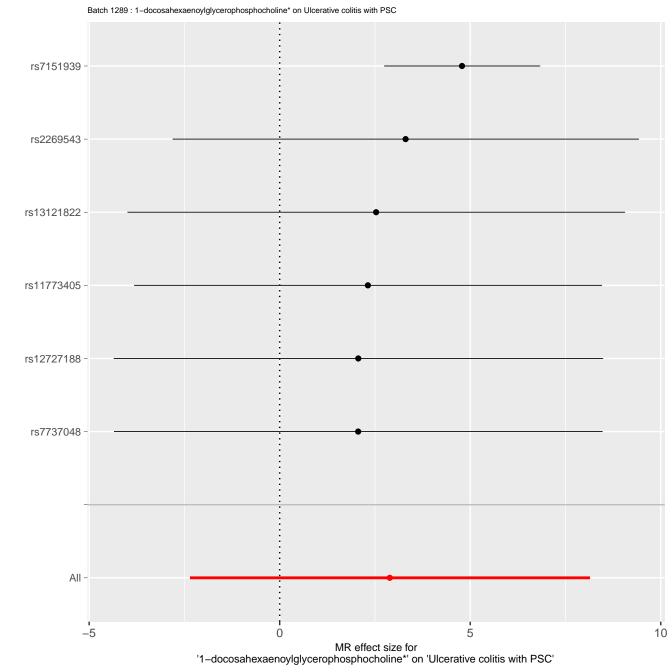


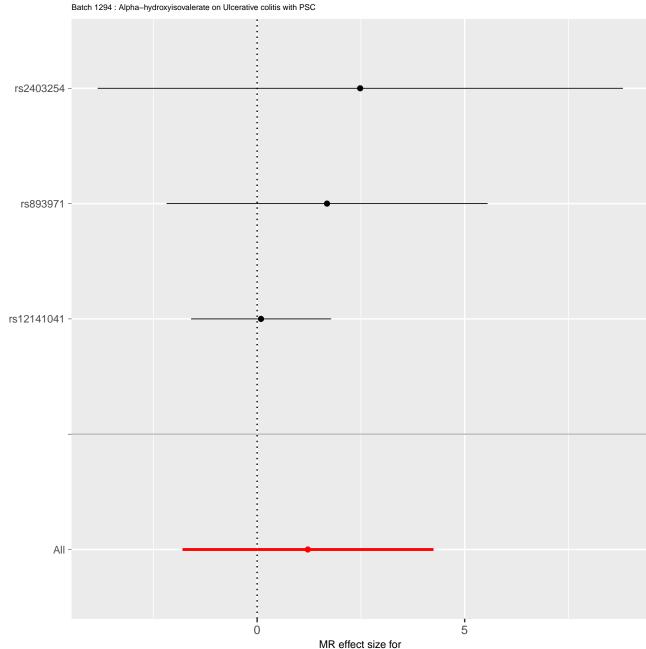




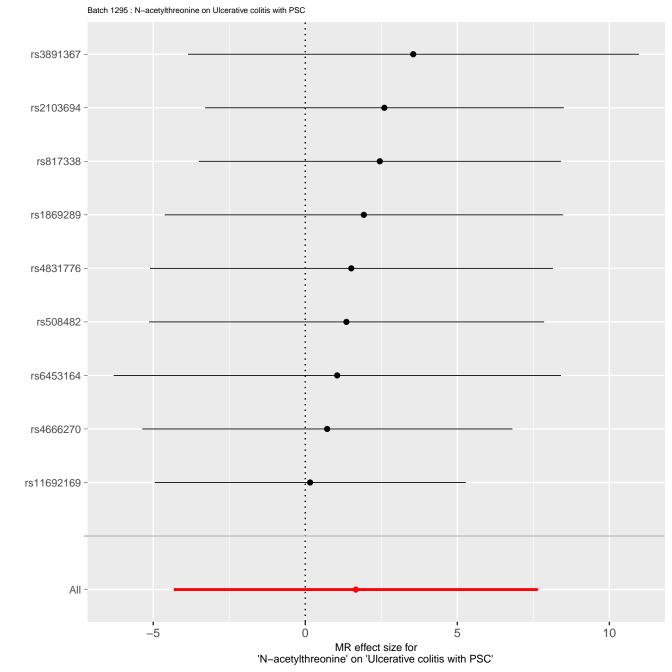


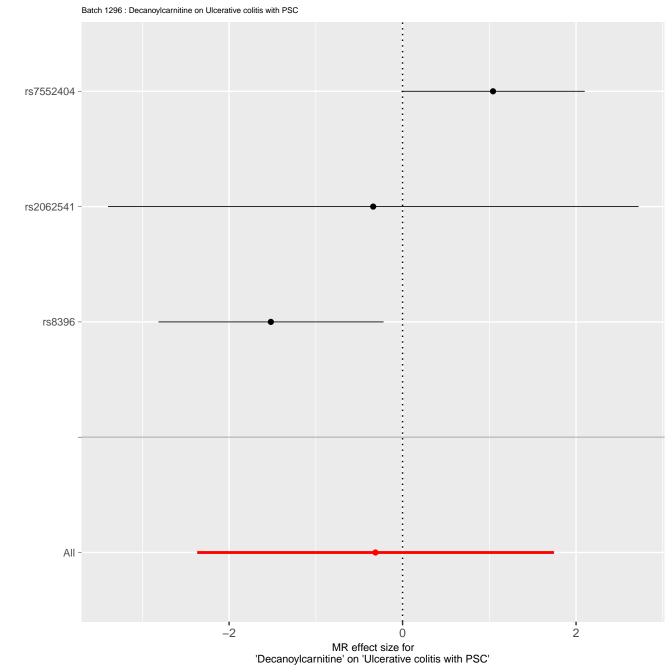


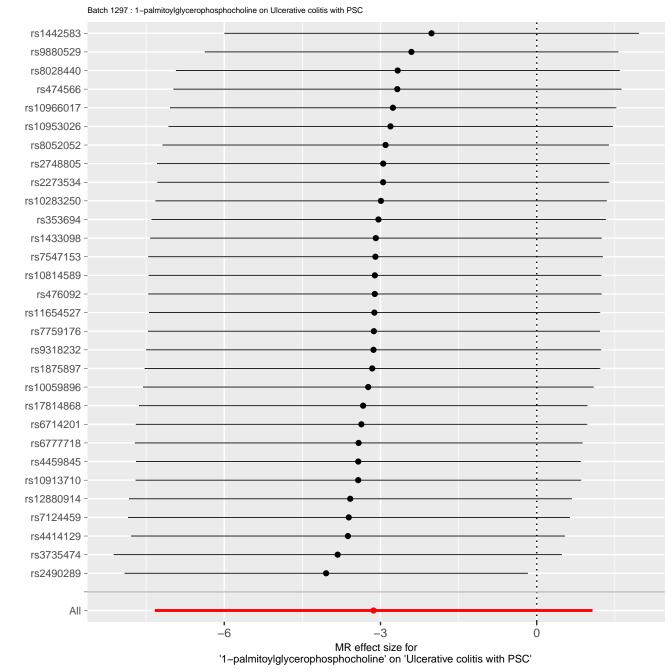


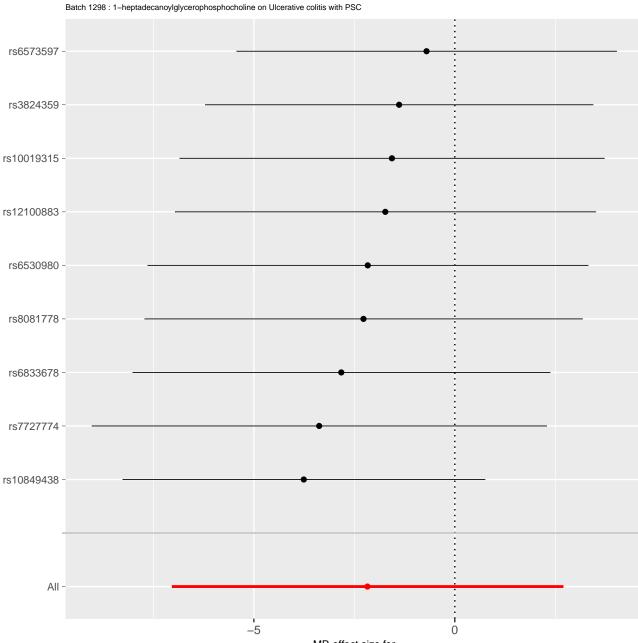


'Alpha–hydroxyisovalerate' on 'Ulcerative colitis with PSC'

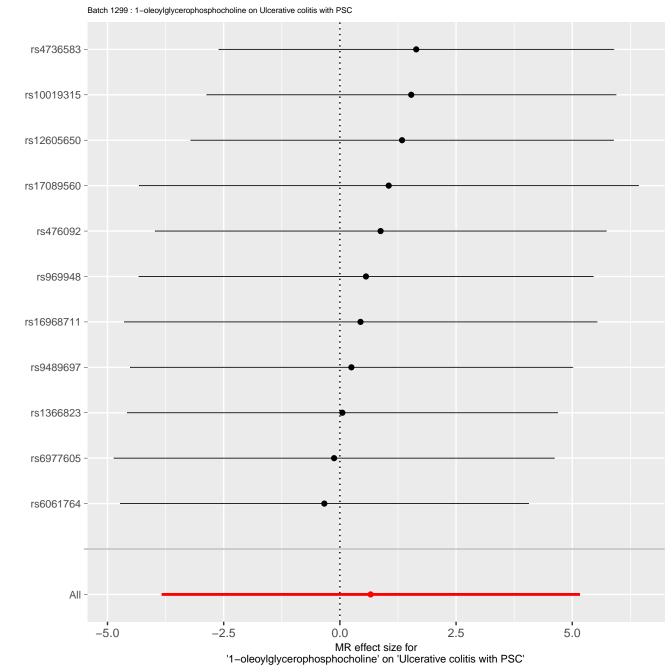


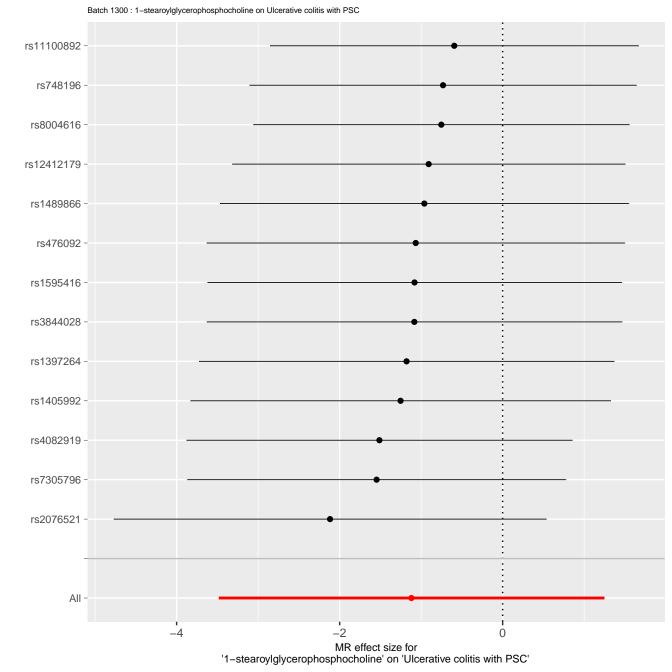


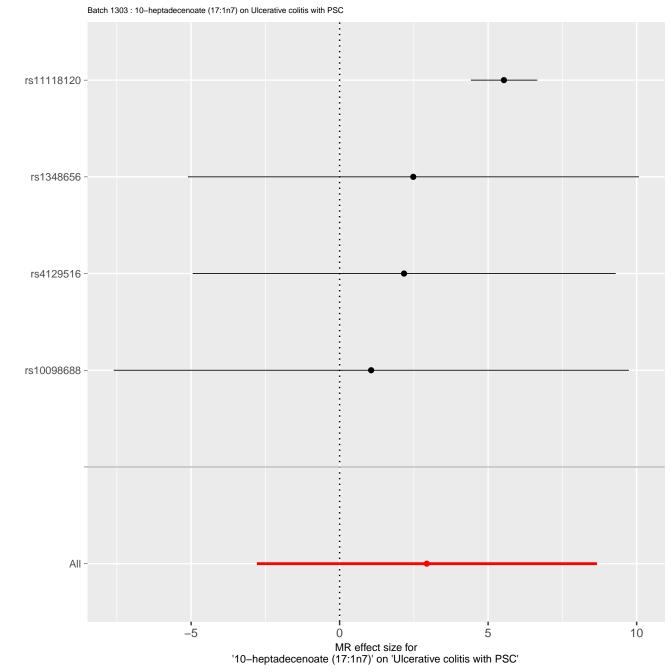


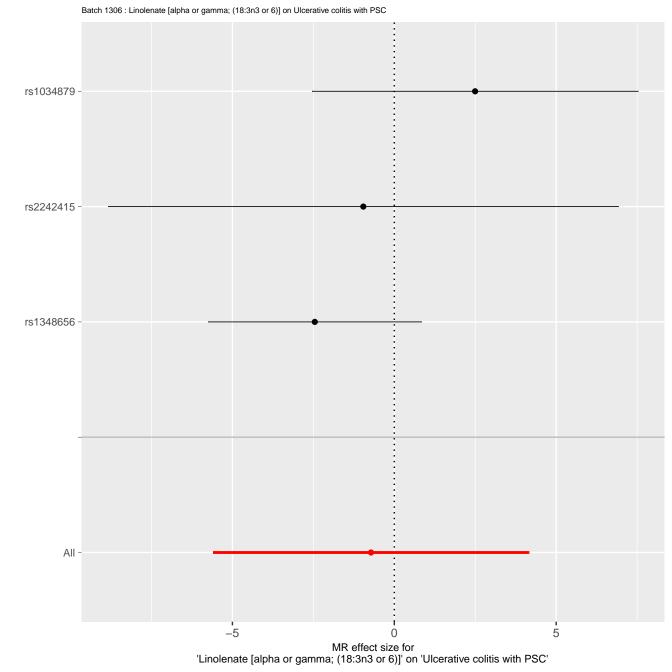


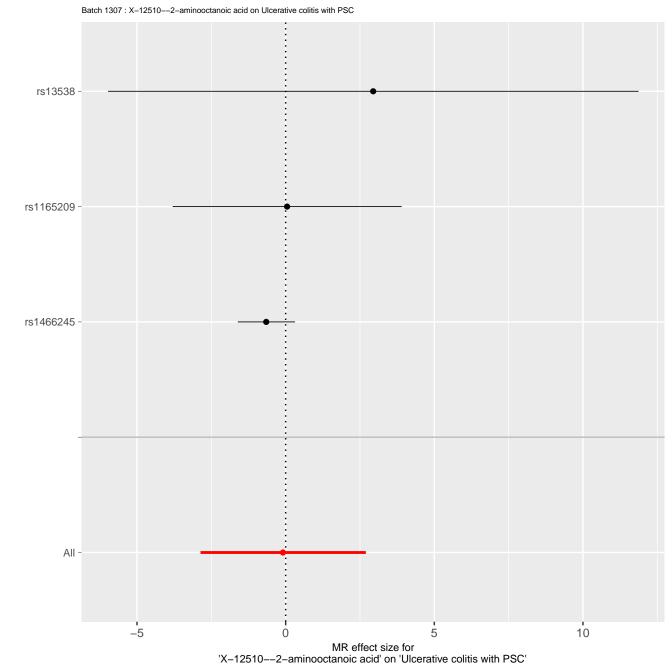
MR effect size for '1-heptadecanoylglycerophosphocholine' on 'Ulcerative colitis with PSC'

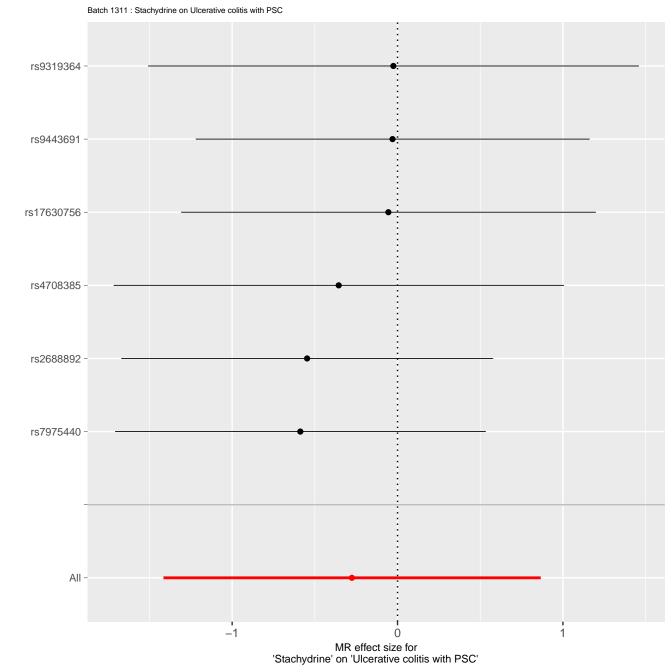


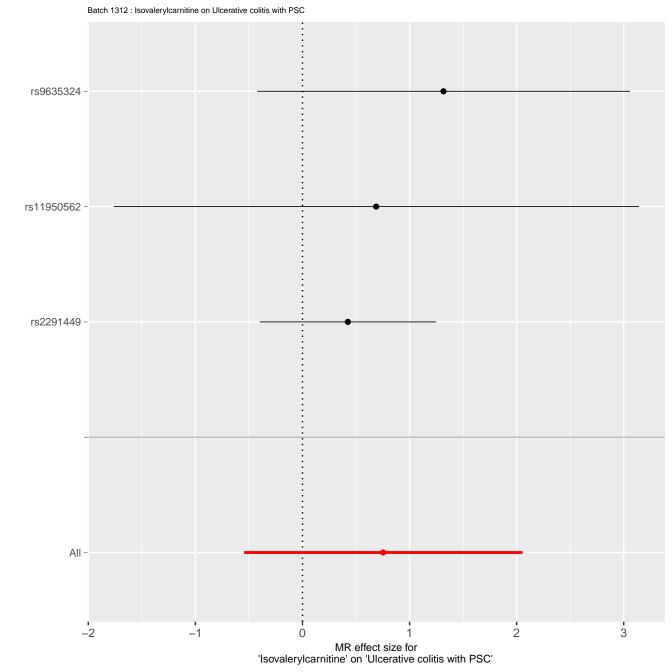


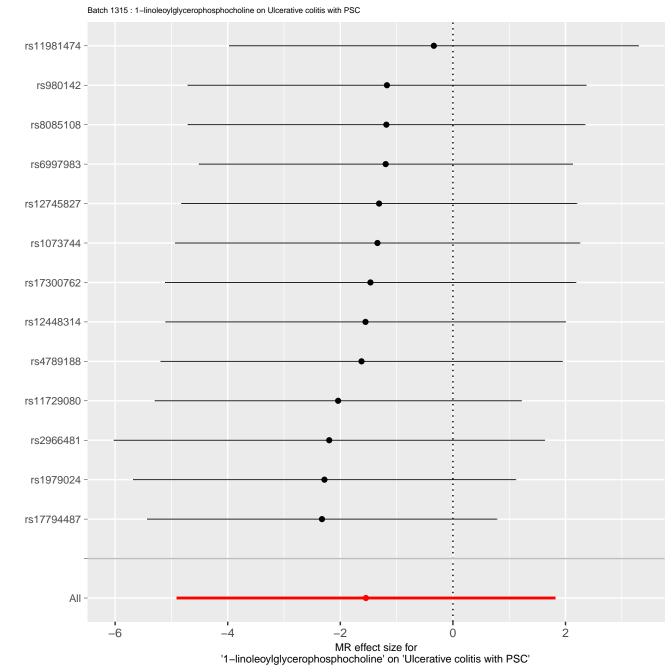


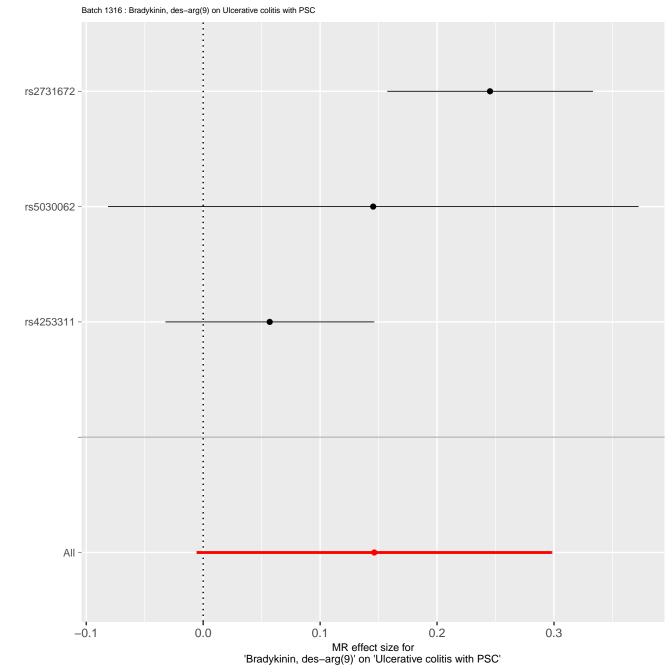


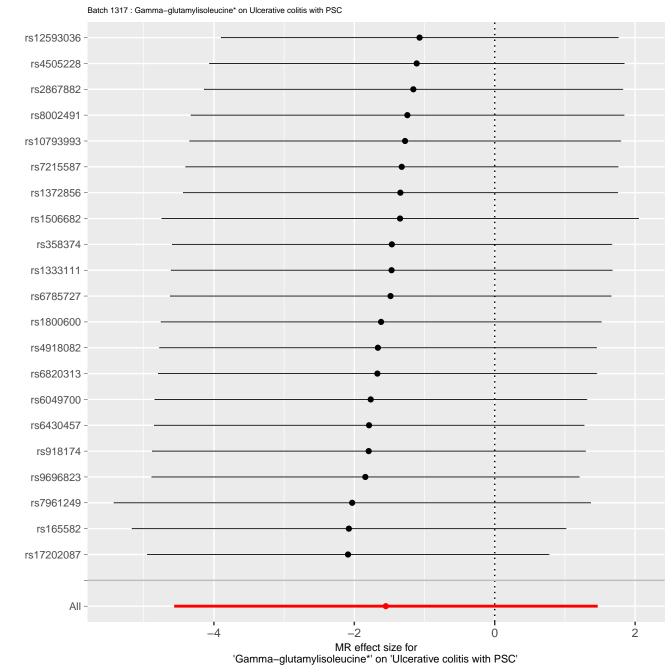


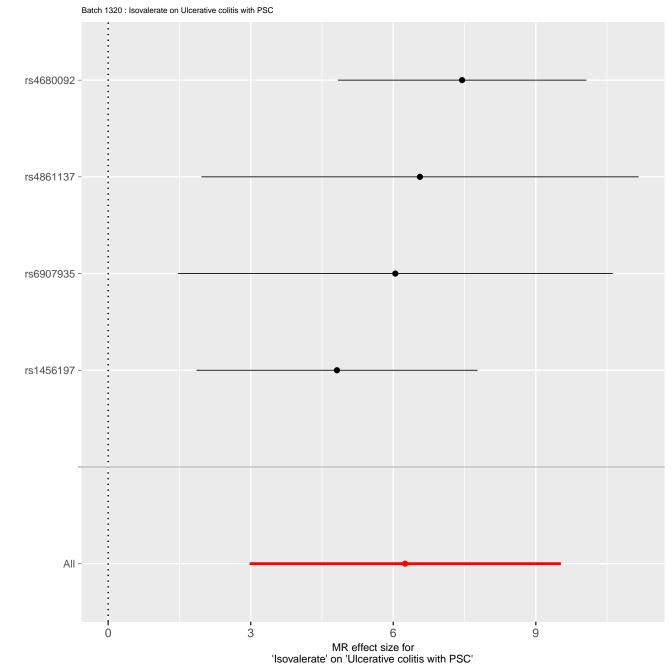


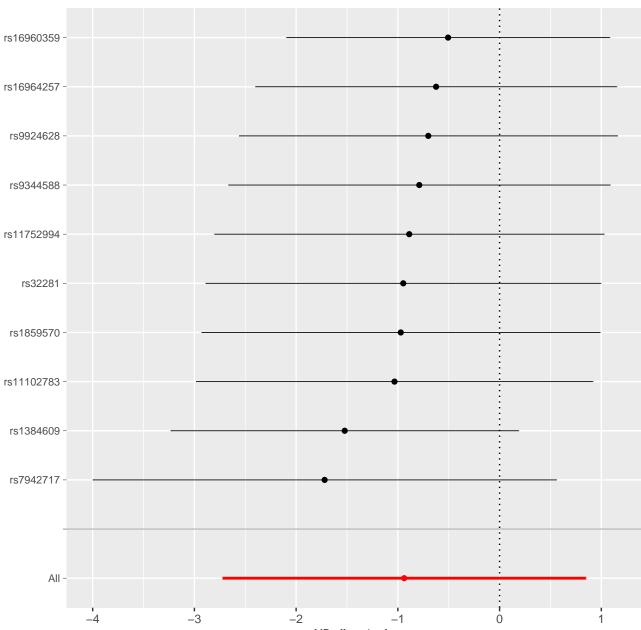






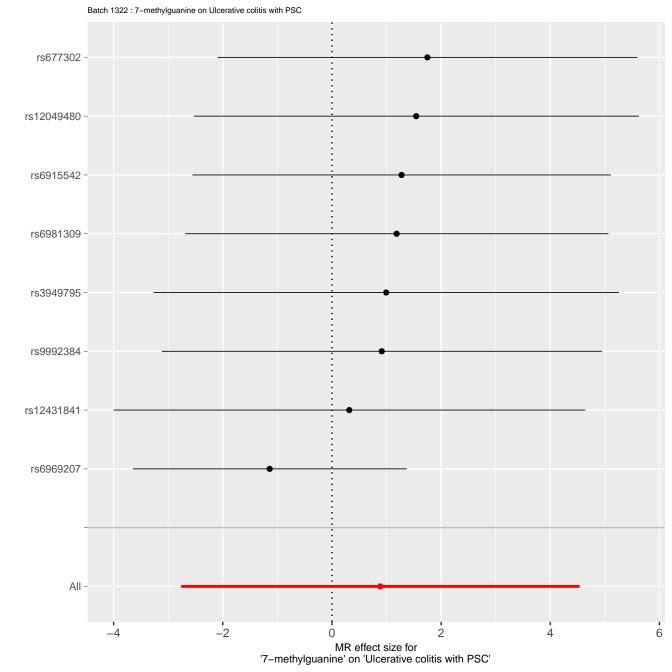


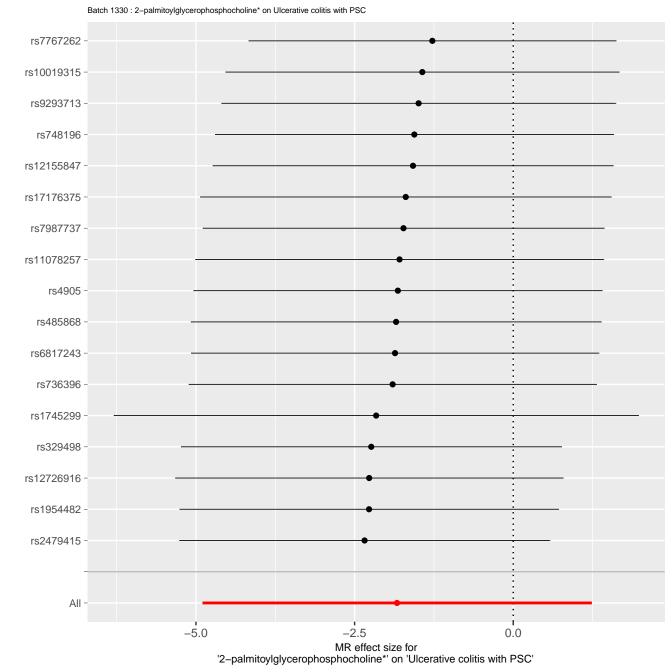


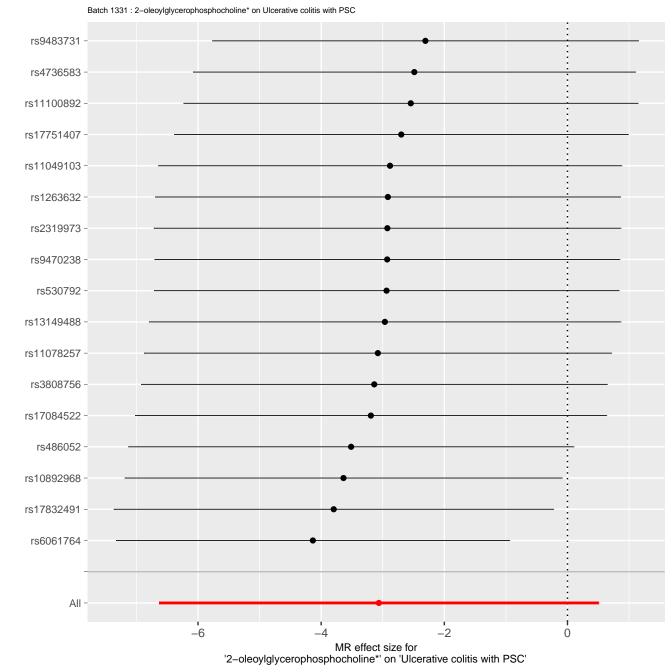


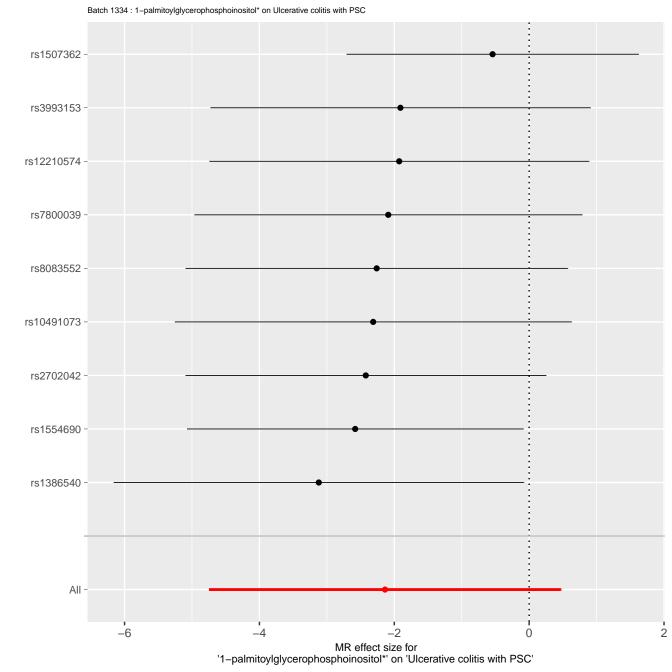
Batch 1321: X-13183--stearamide on Ulcerative colitis with PSC

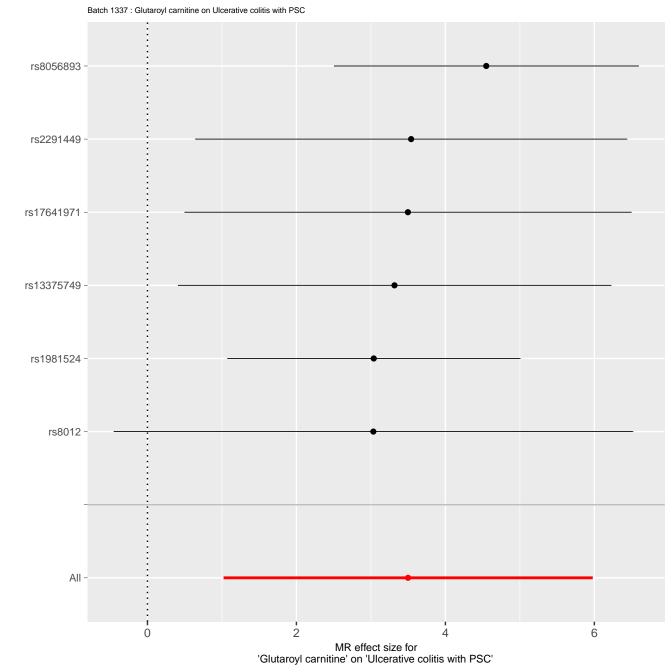
MR effect size for 'X–13183—stearamide' on 'Ulcerative colitis with PSC'

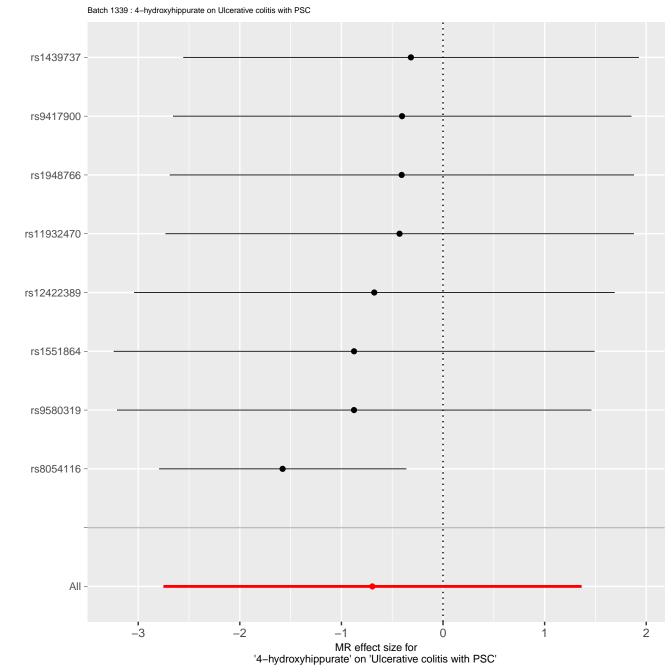


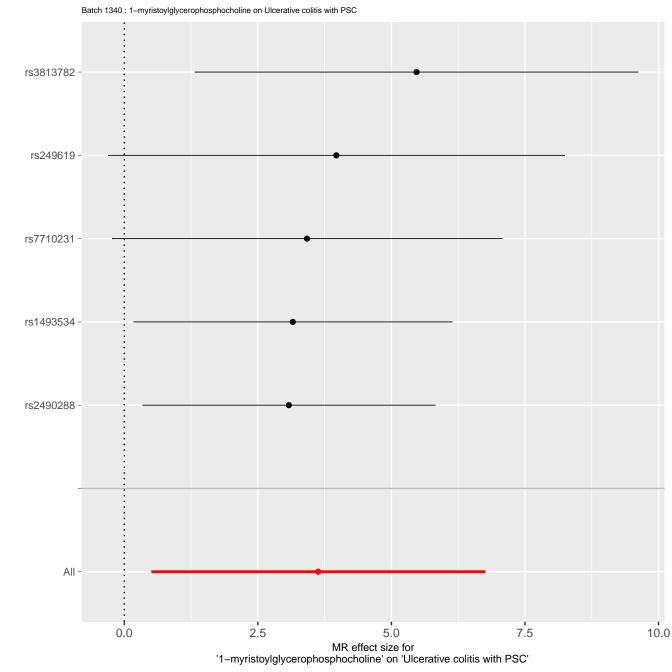


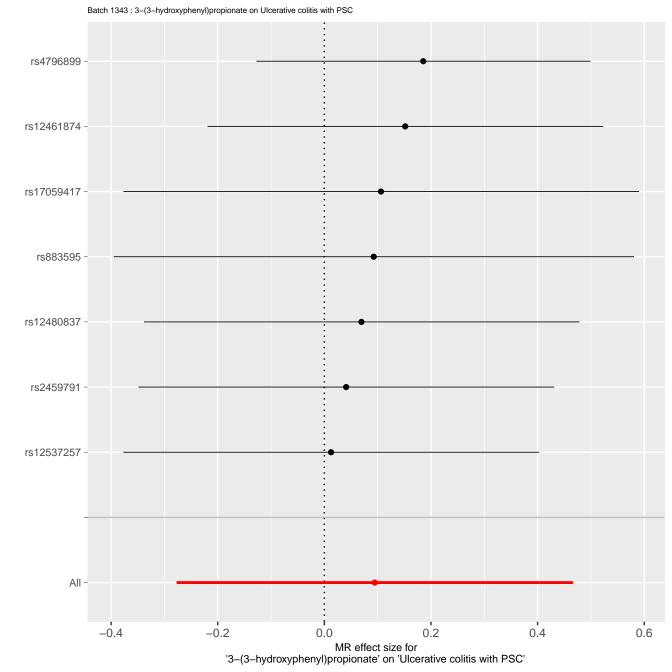


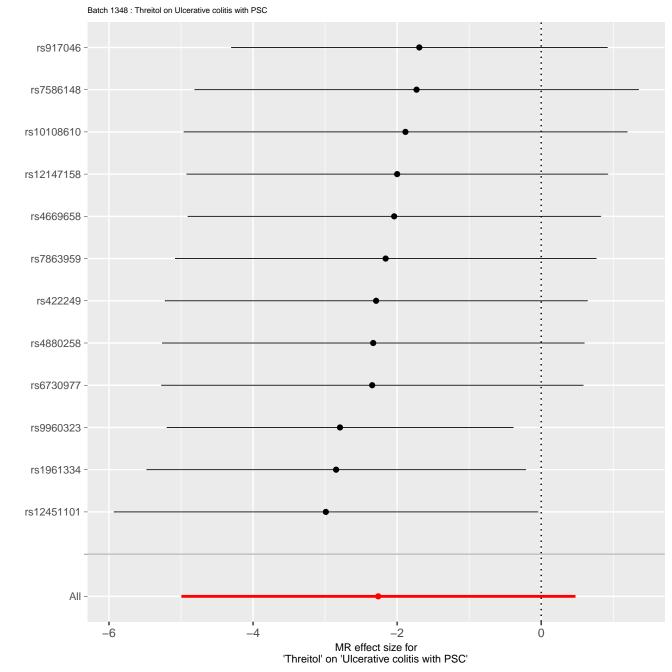


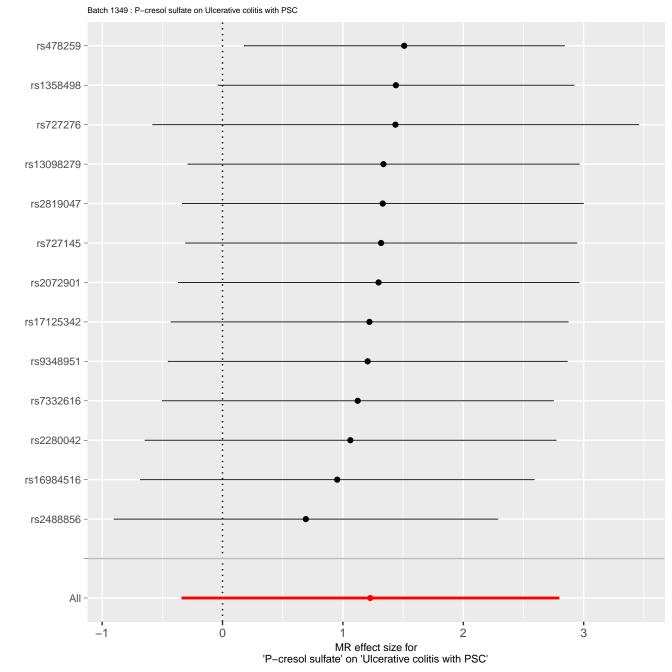


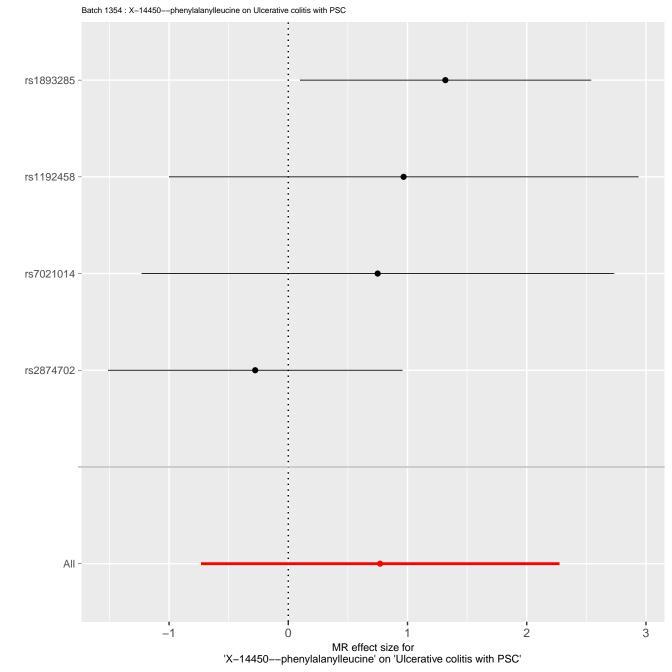


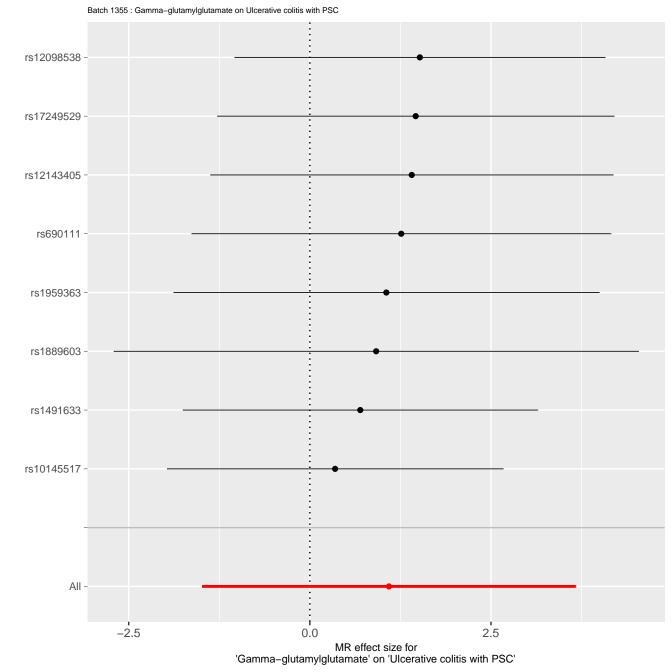


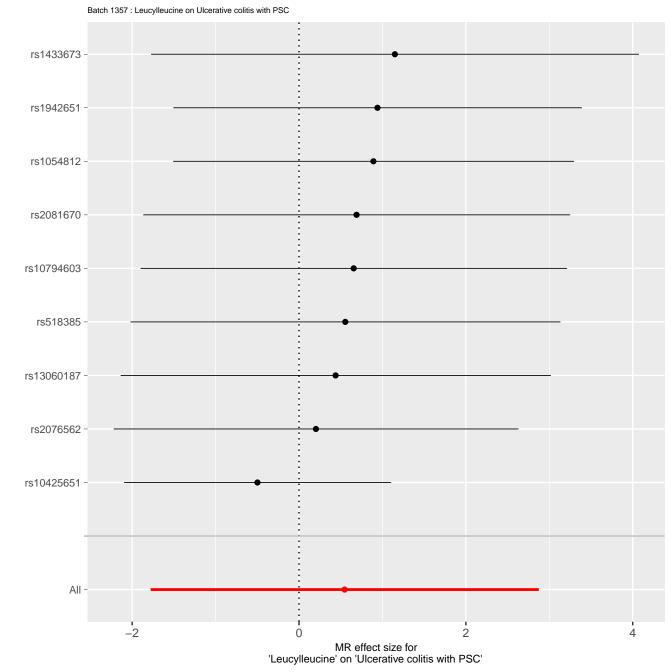


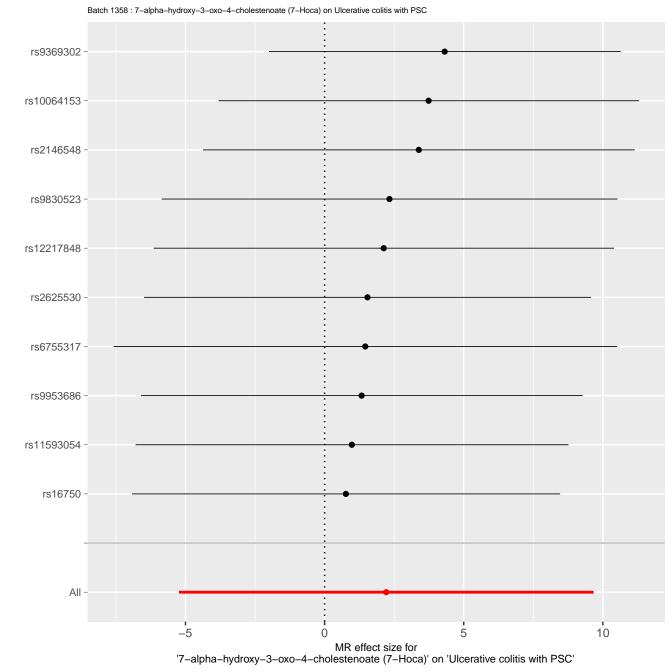


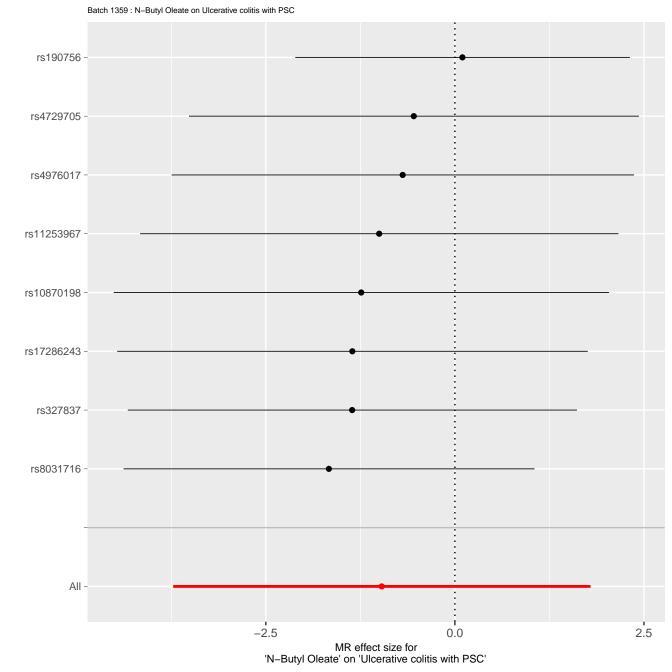


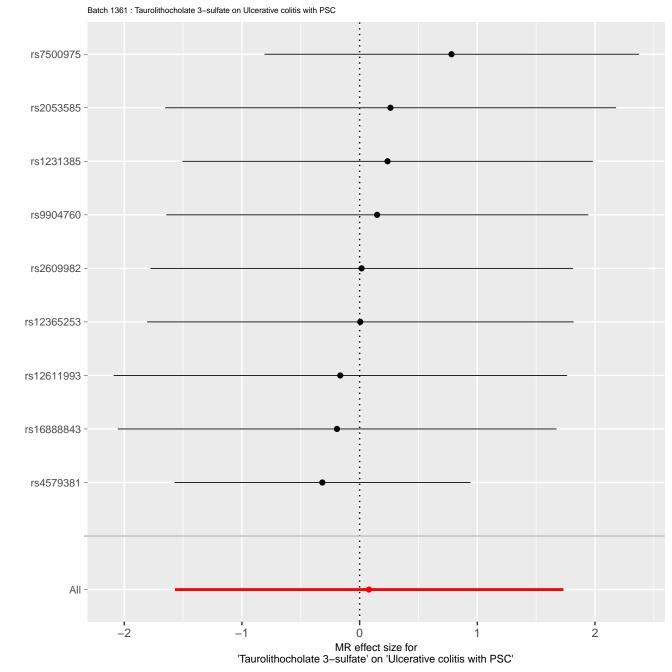


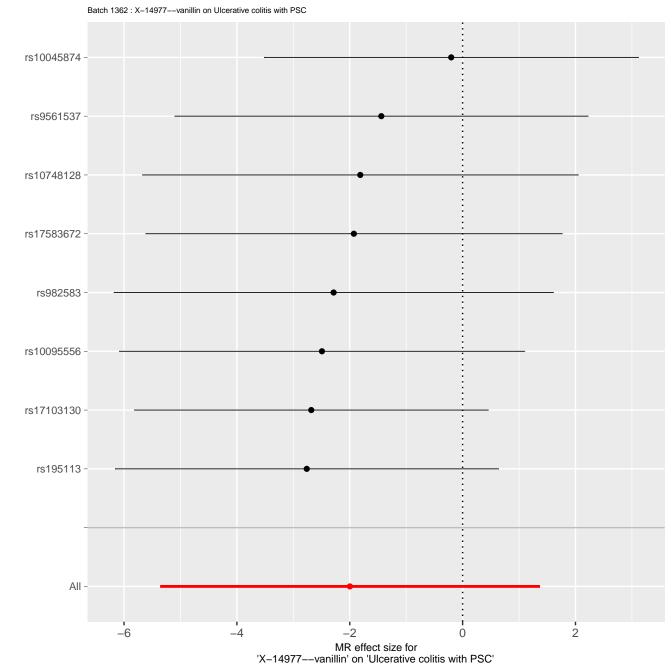


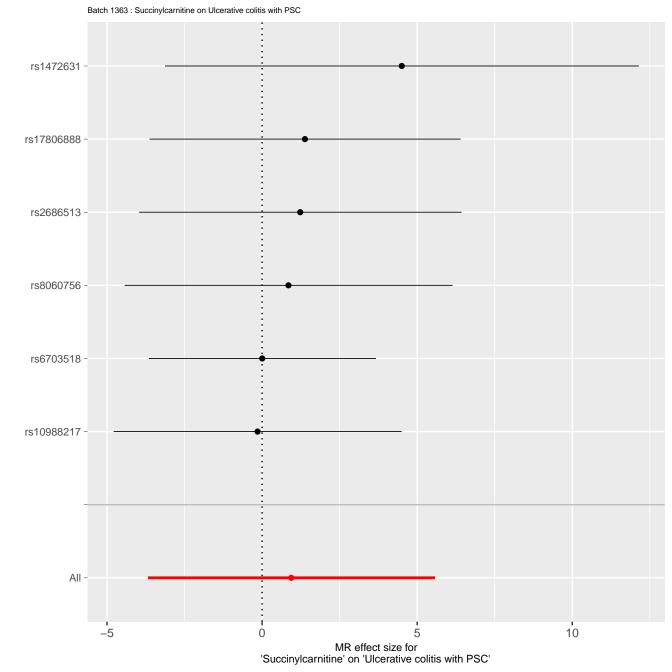


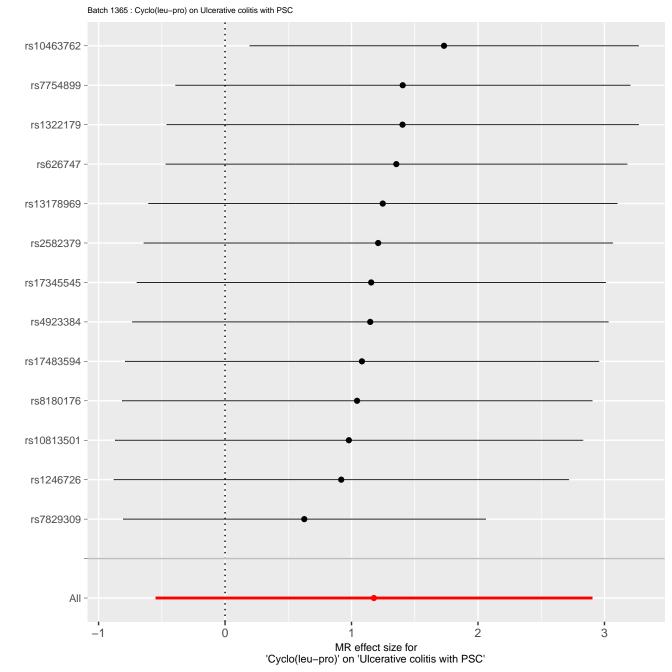


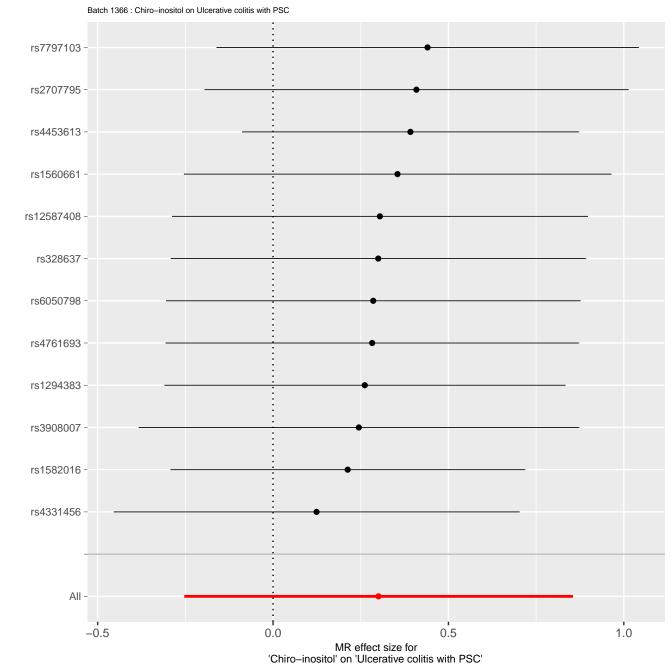


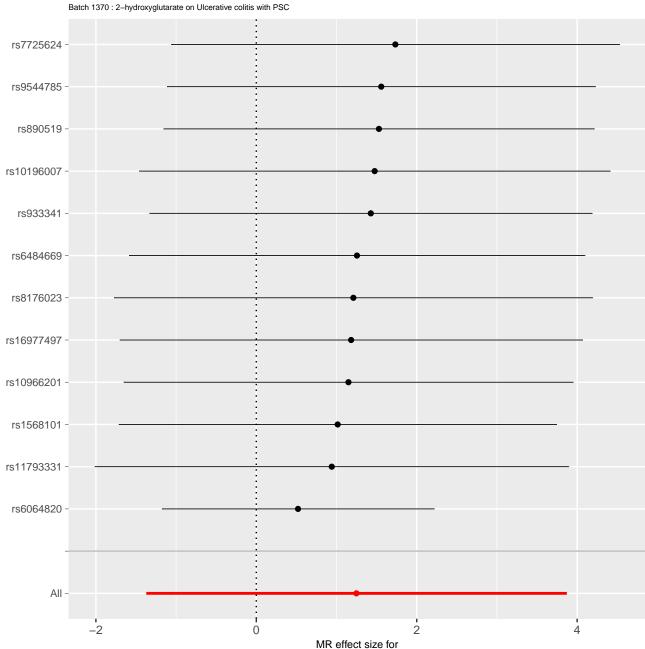




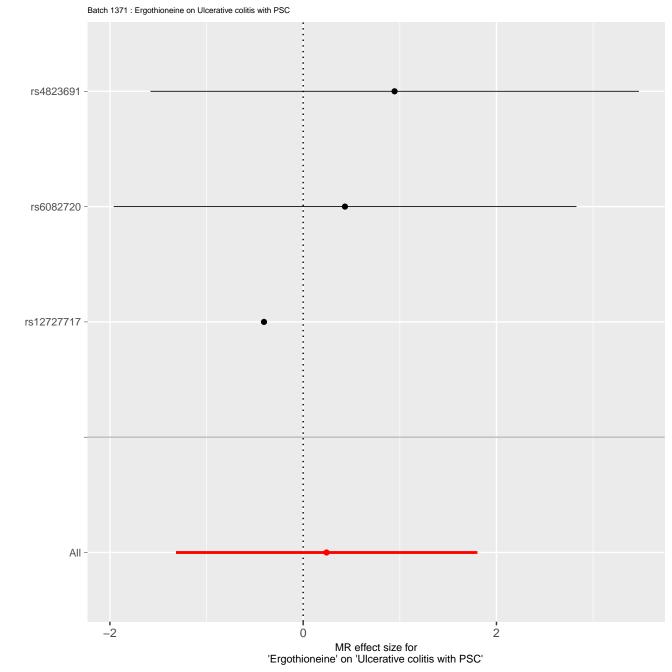


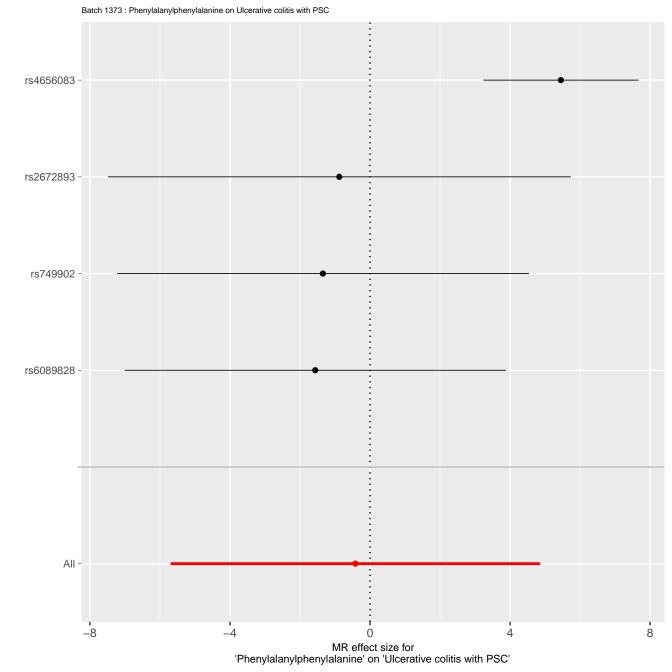


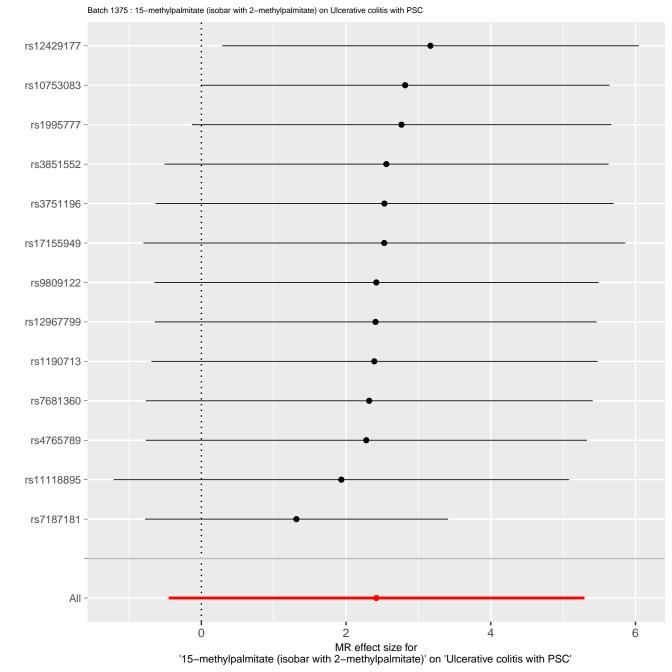


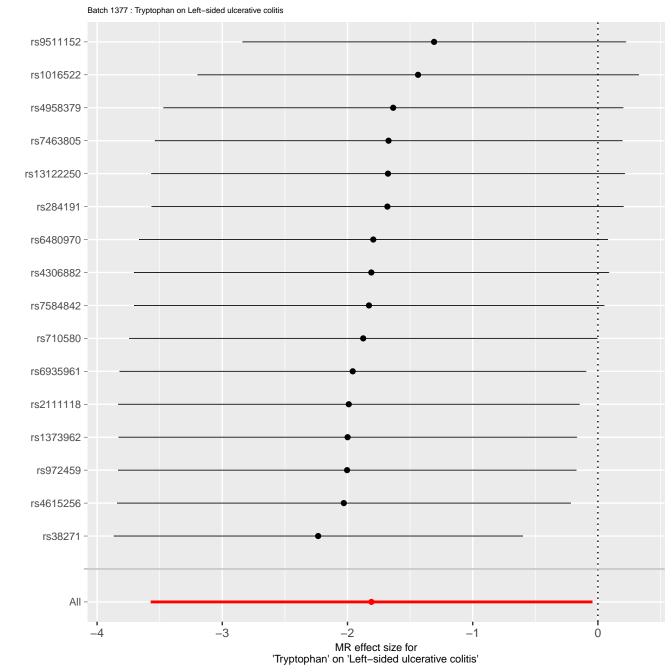


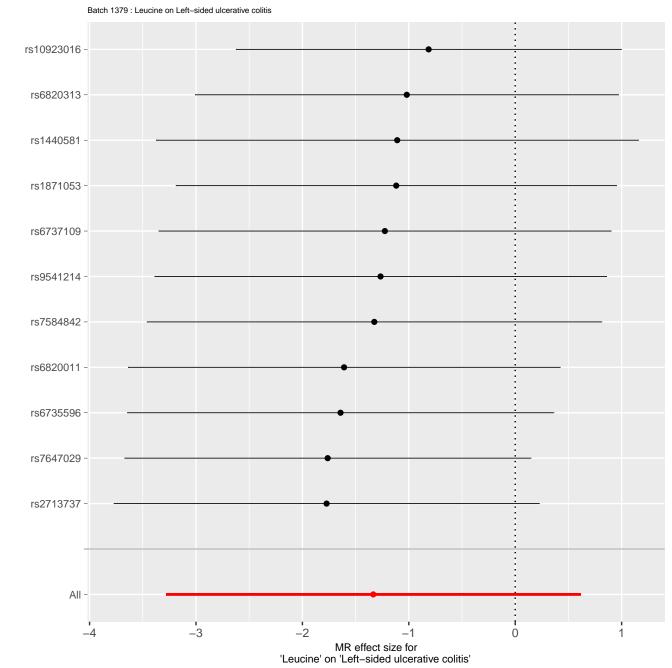
'2-hydroxyglutarate' on 'Ulcerative colitis with PSC'

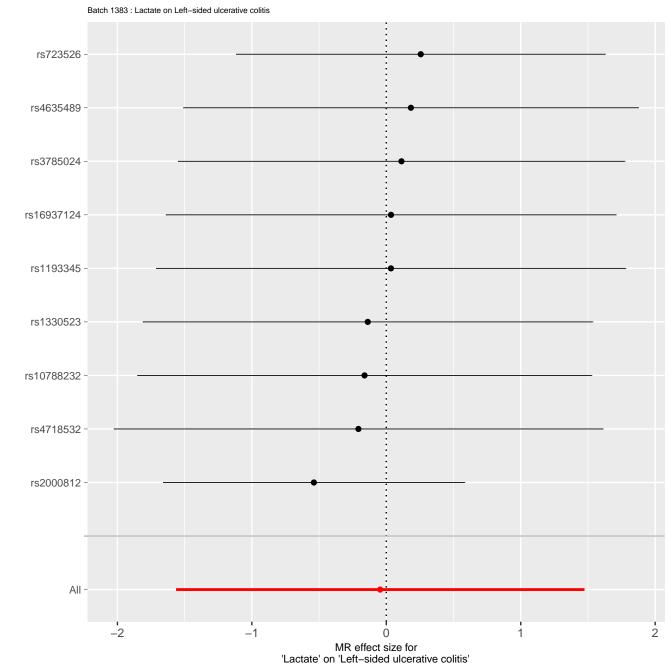


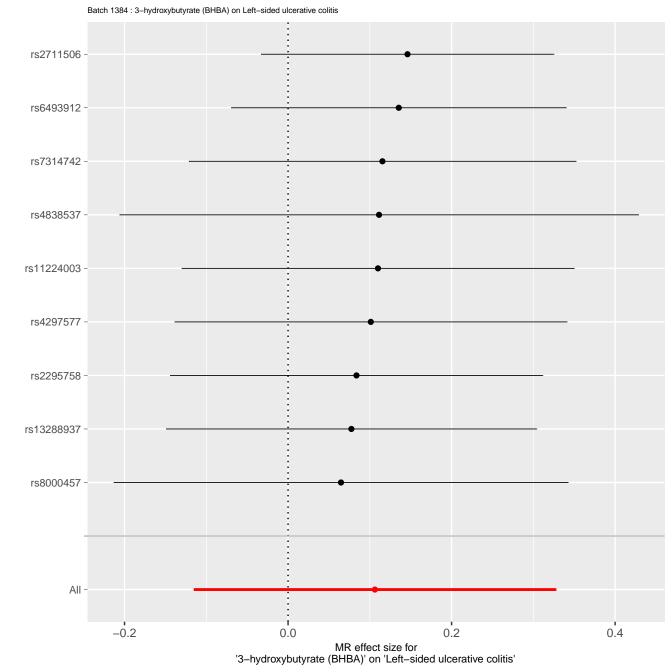


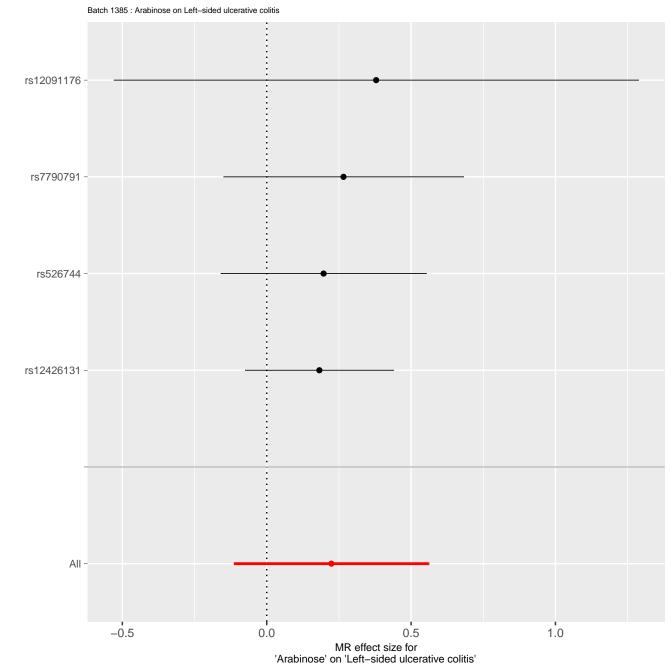


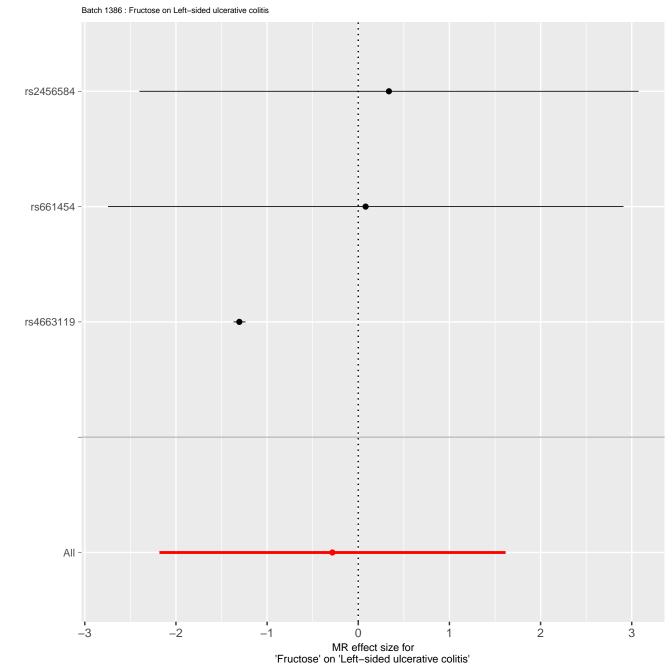


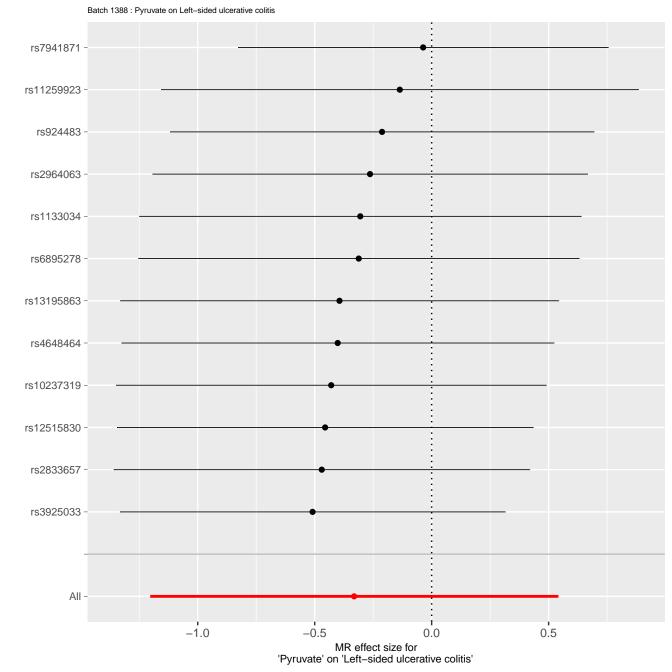


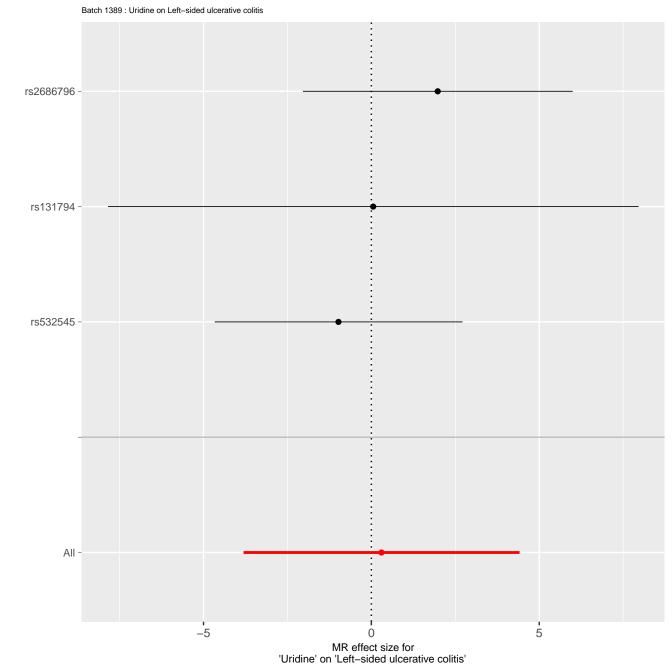


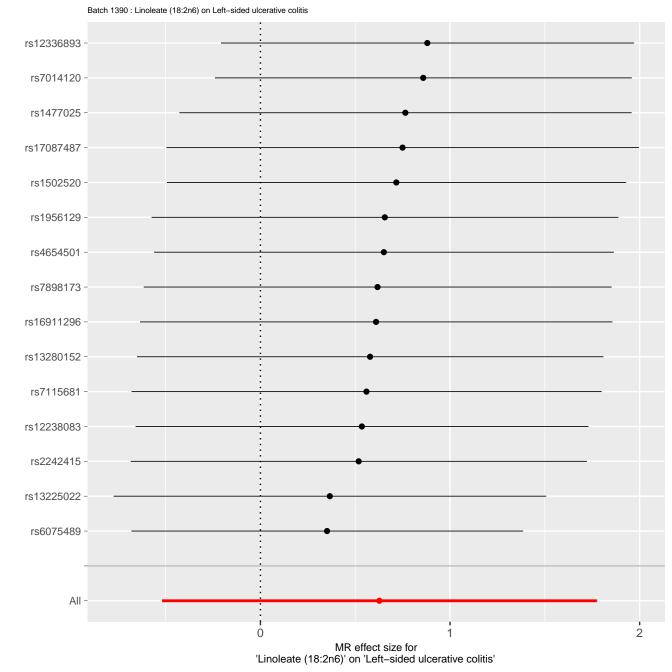


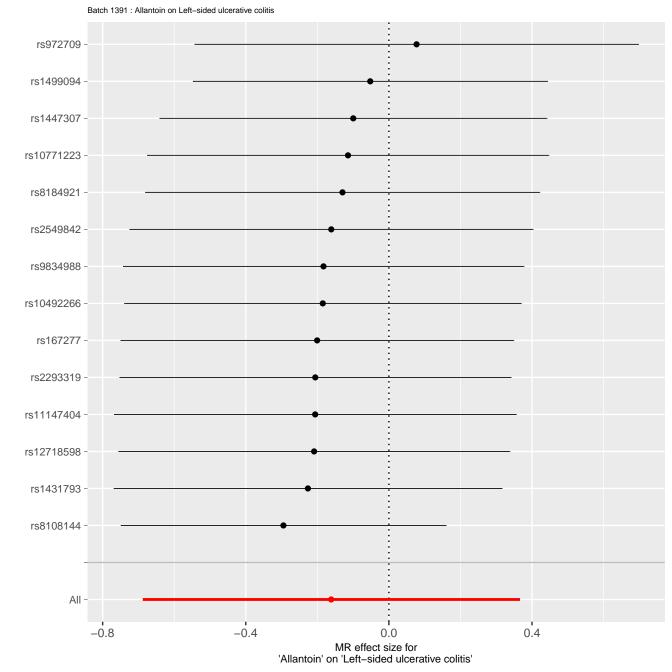


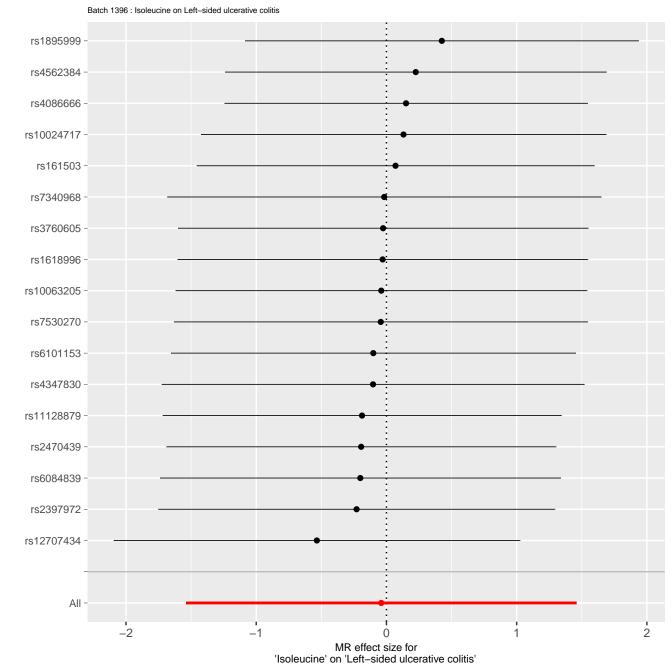


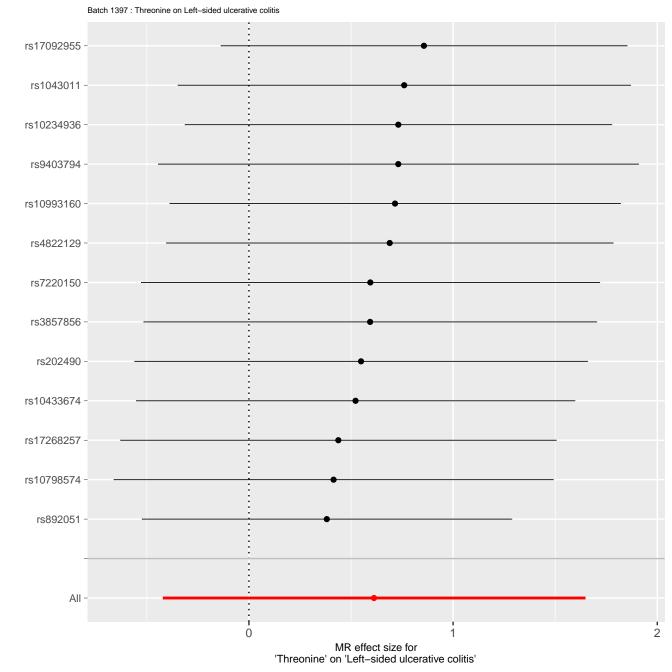


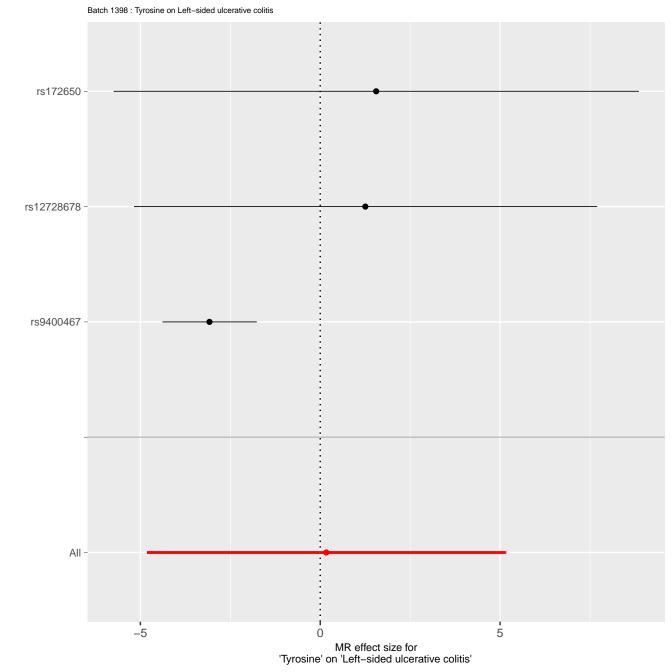


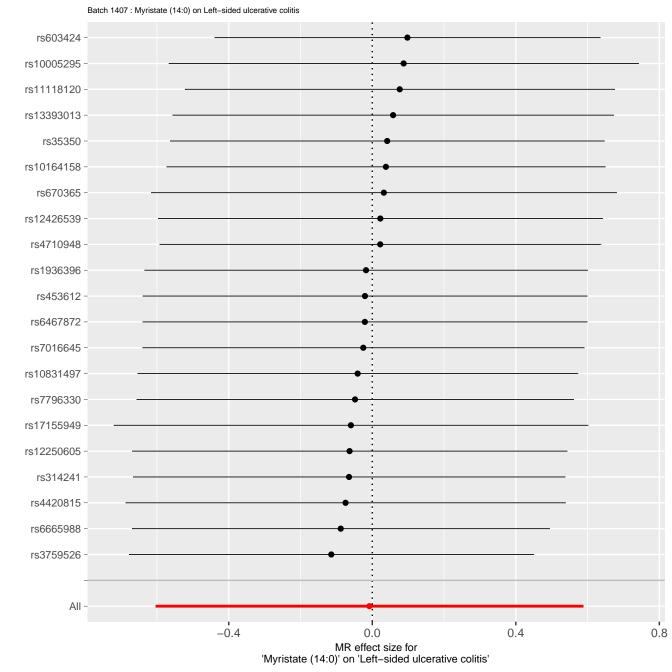


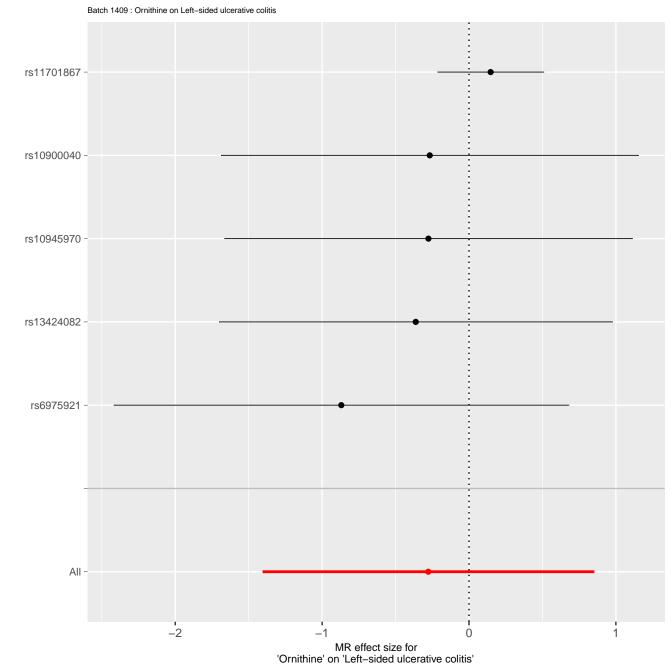


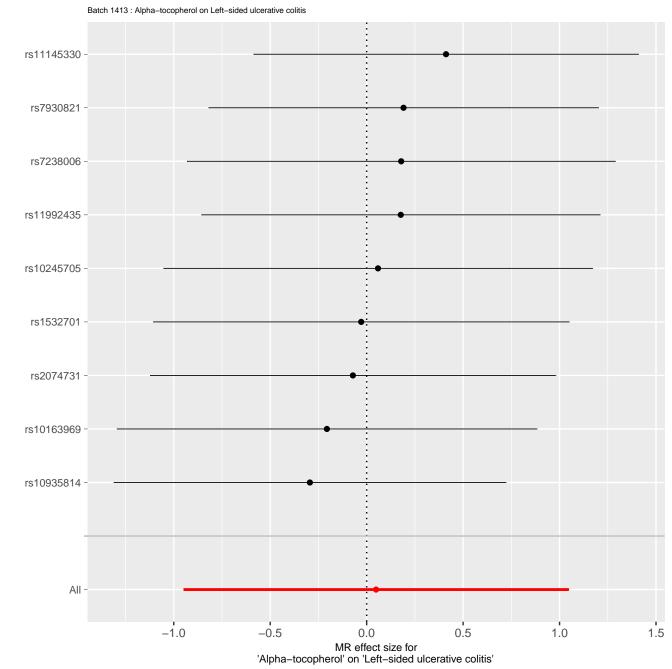


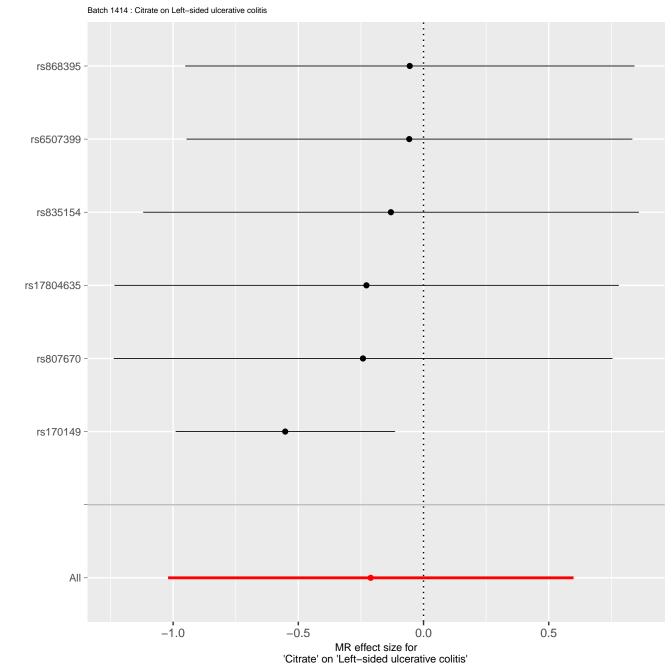


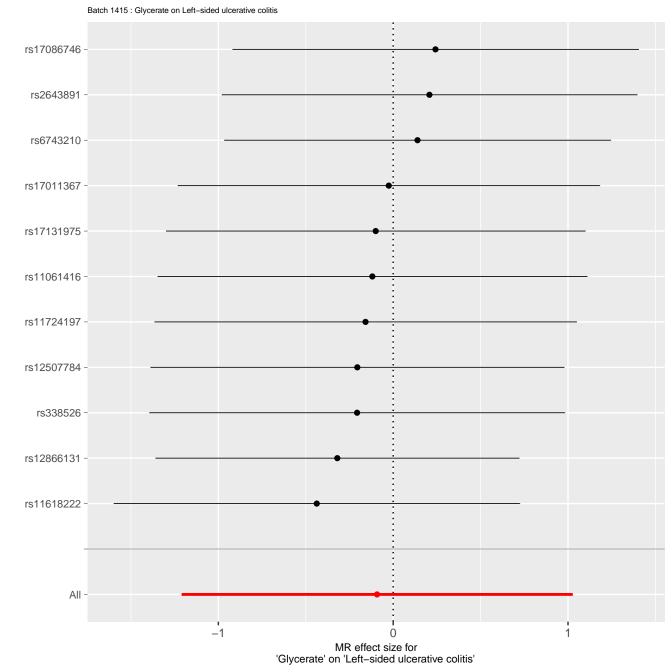


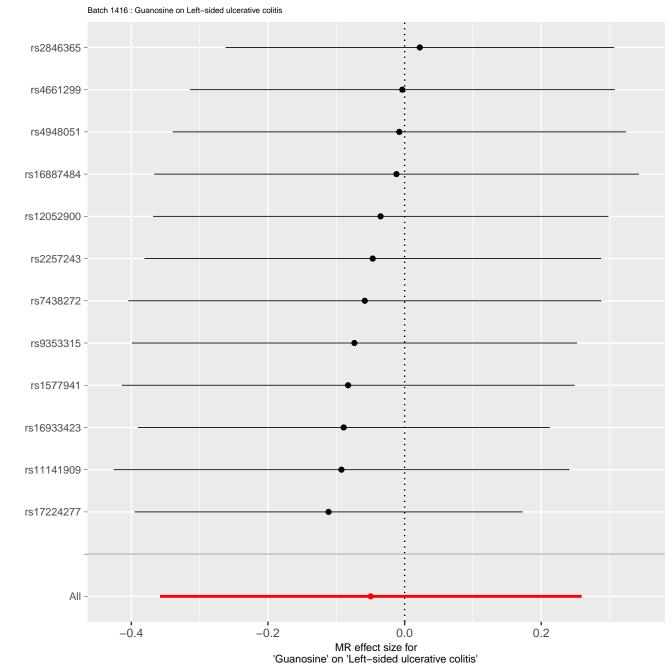


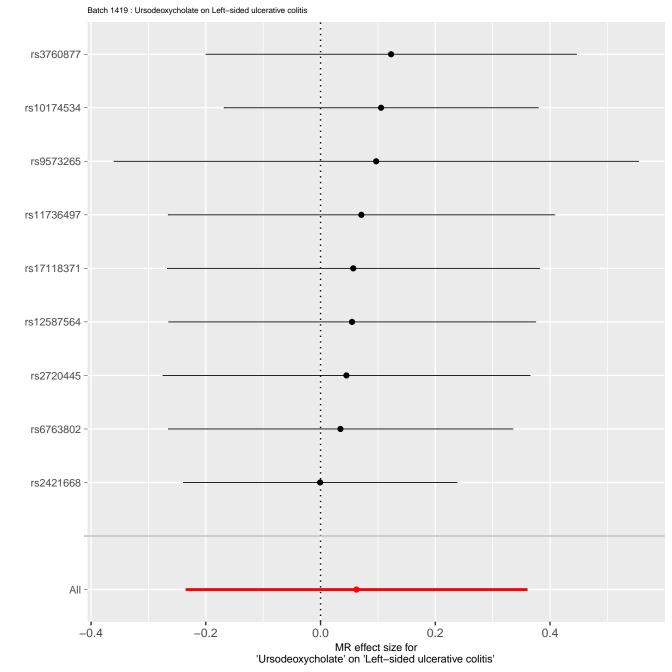


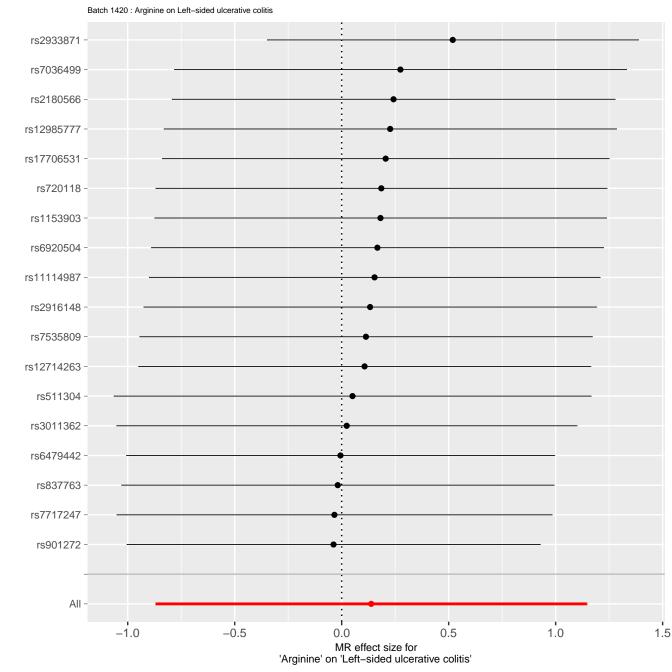


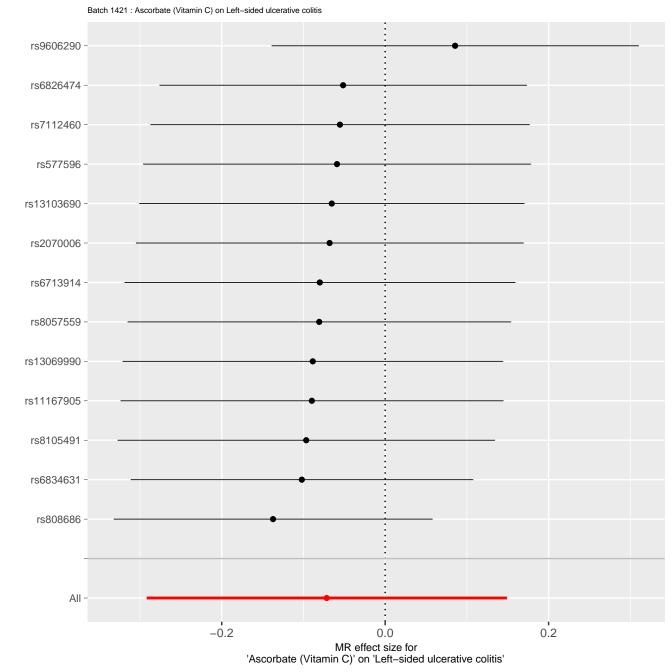


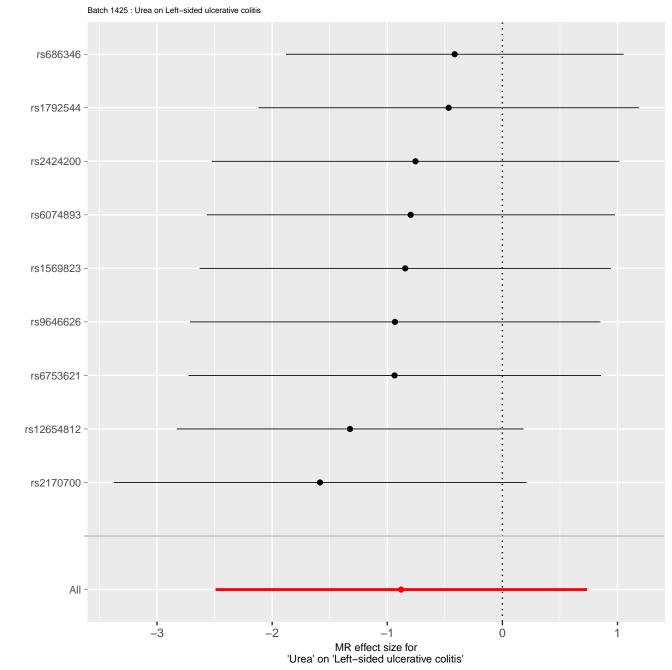


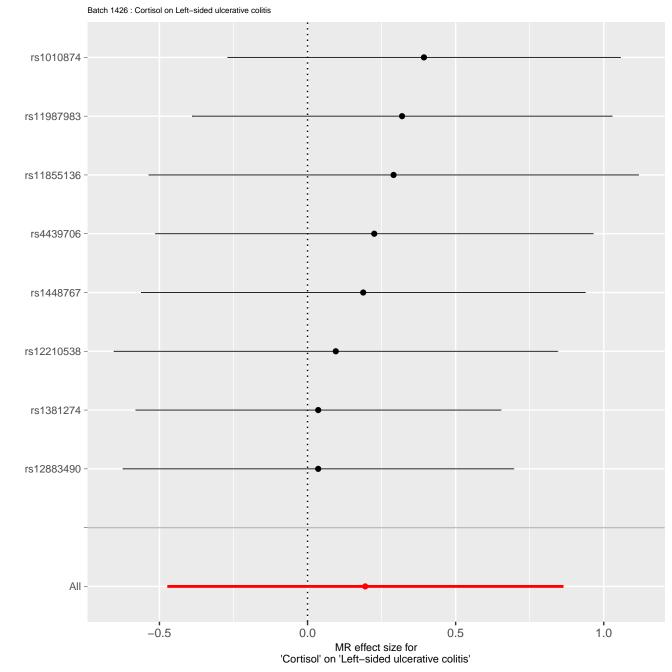


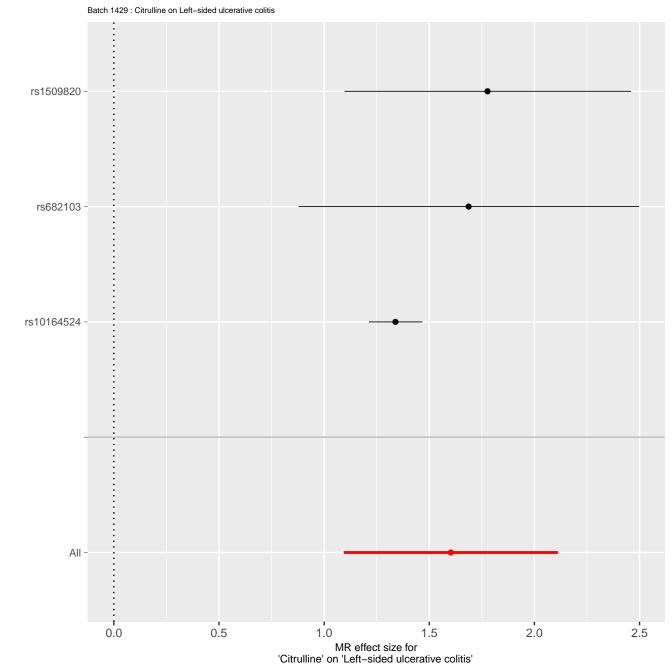


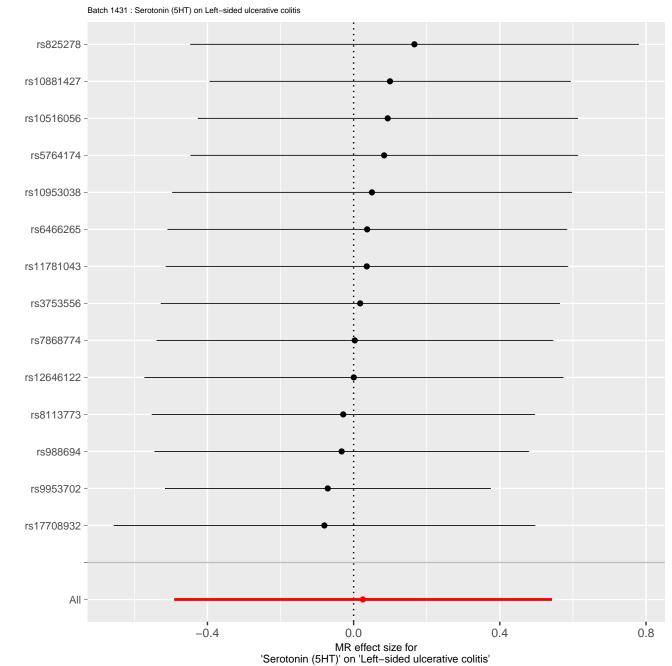


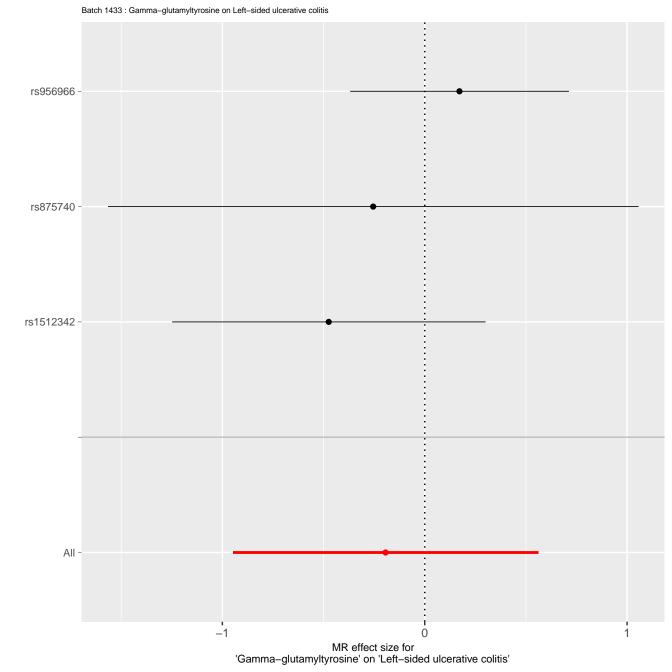


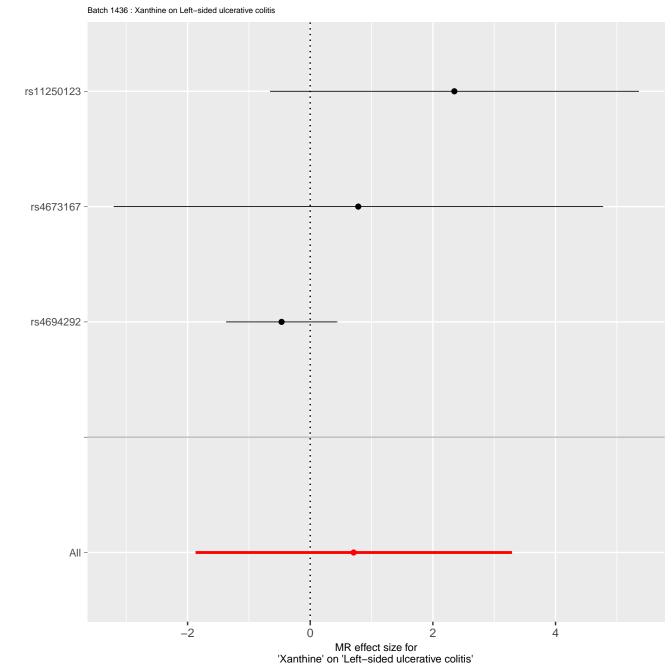


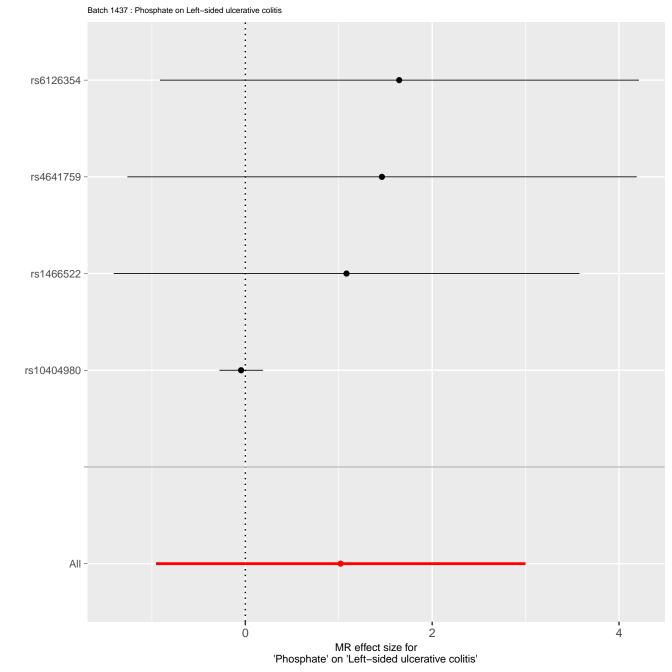


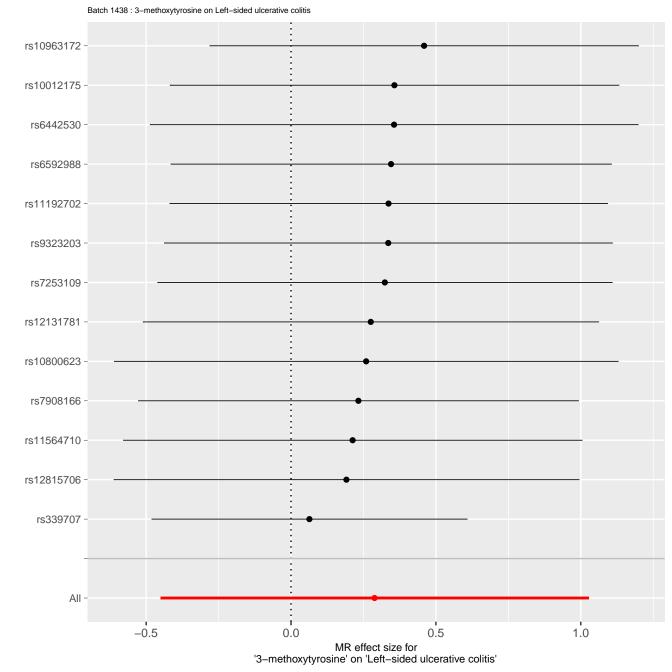


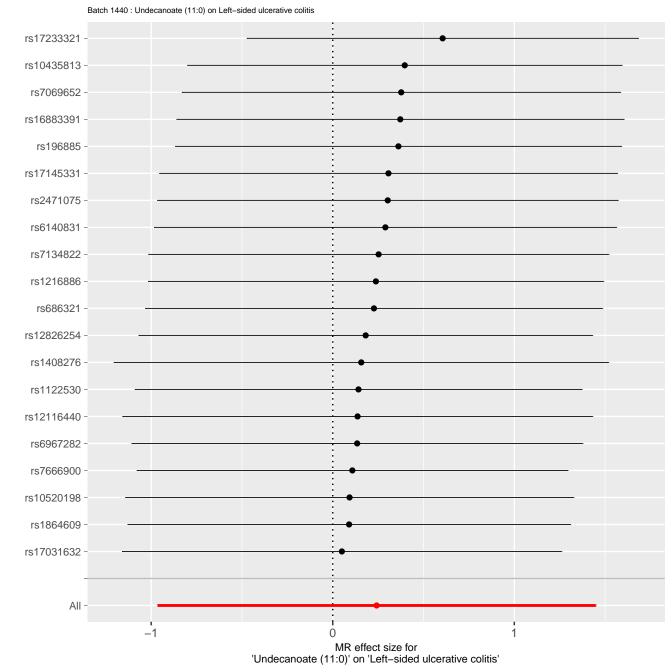


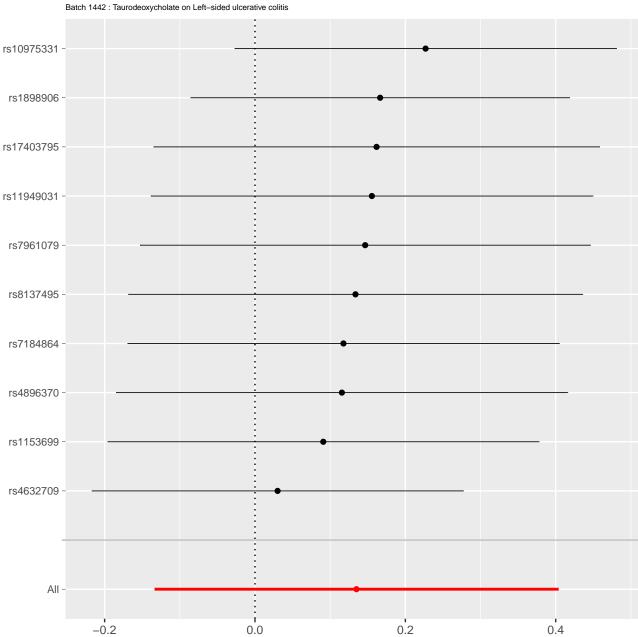






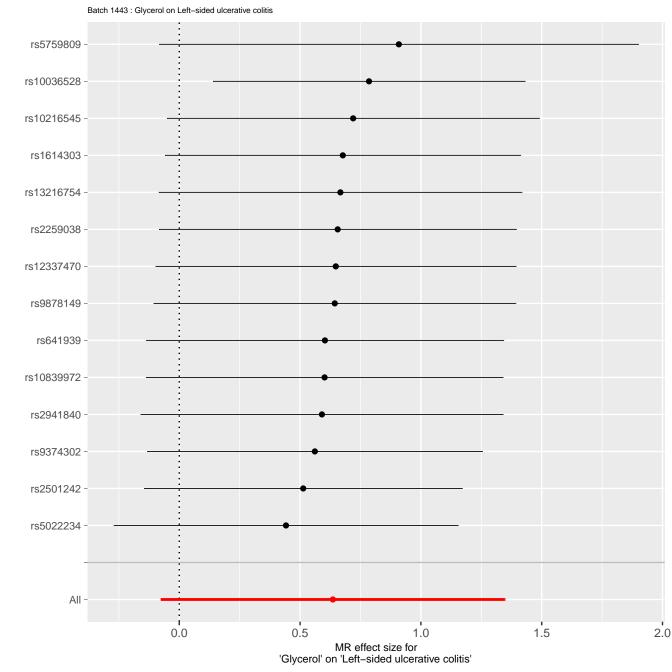


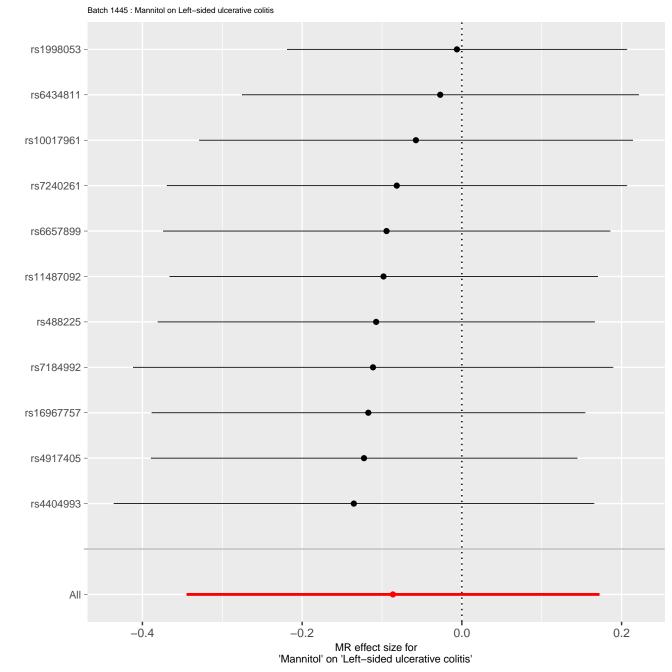


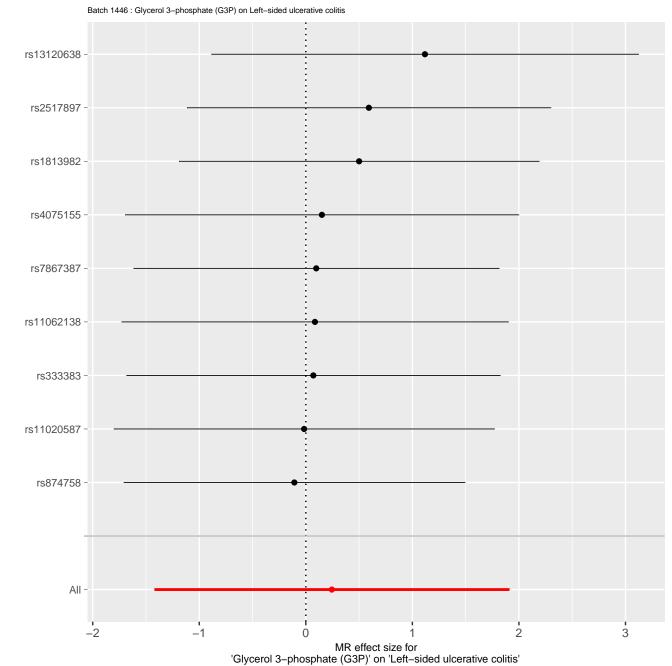


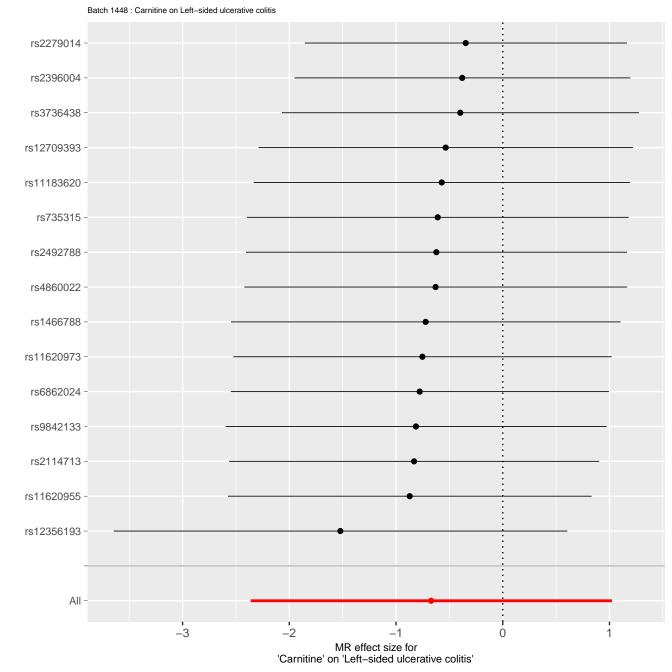
-0.2 0.0 0.2

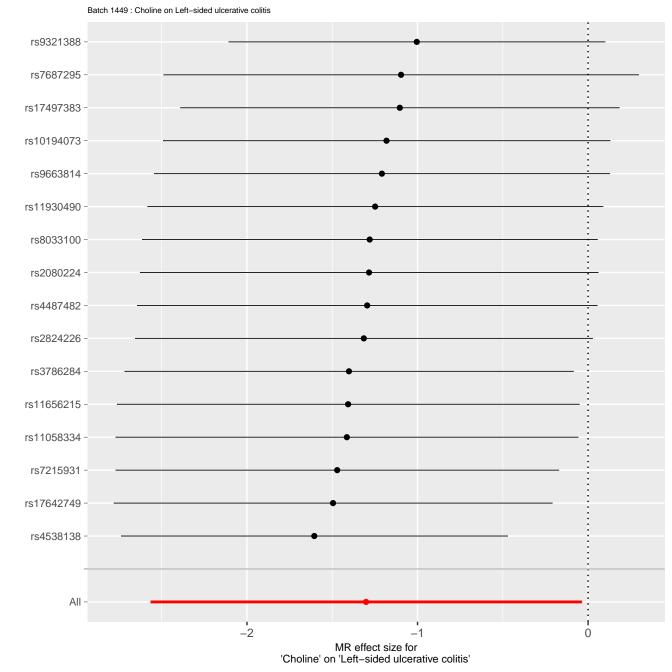
MR effect size for
'Taurodeoxycholate' on 'Left-sided ulcerative colitis'

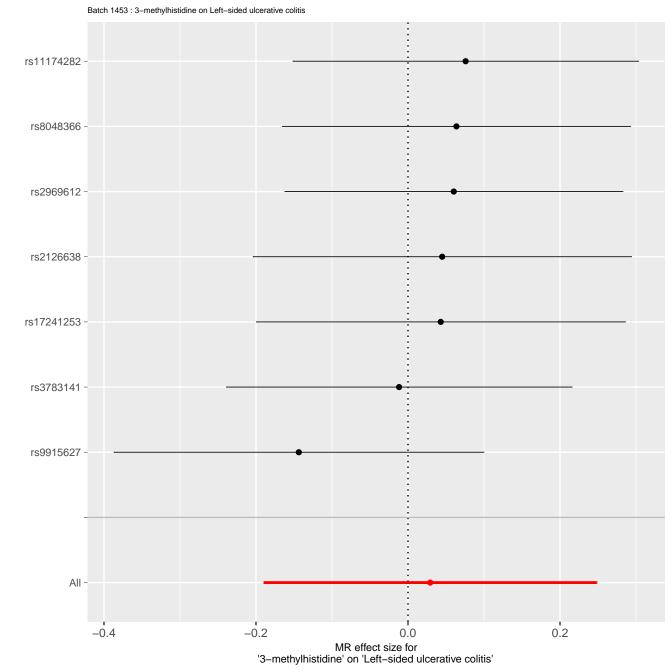


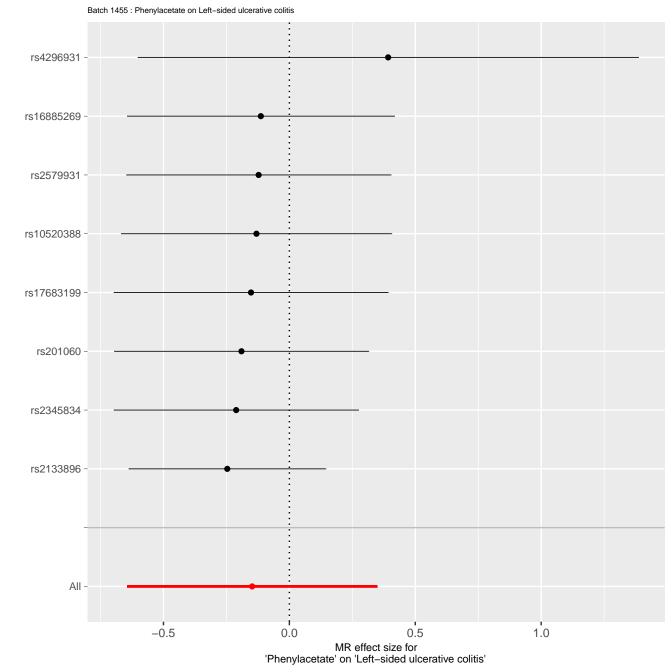


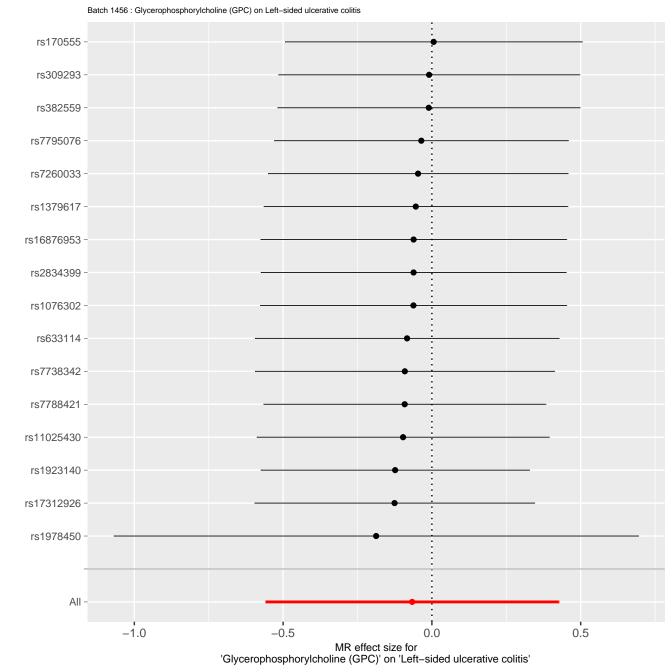


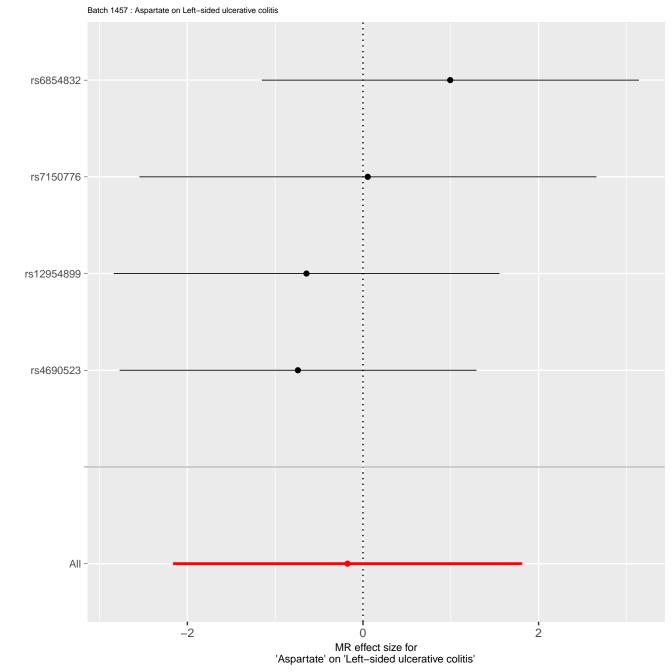


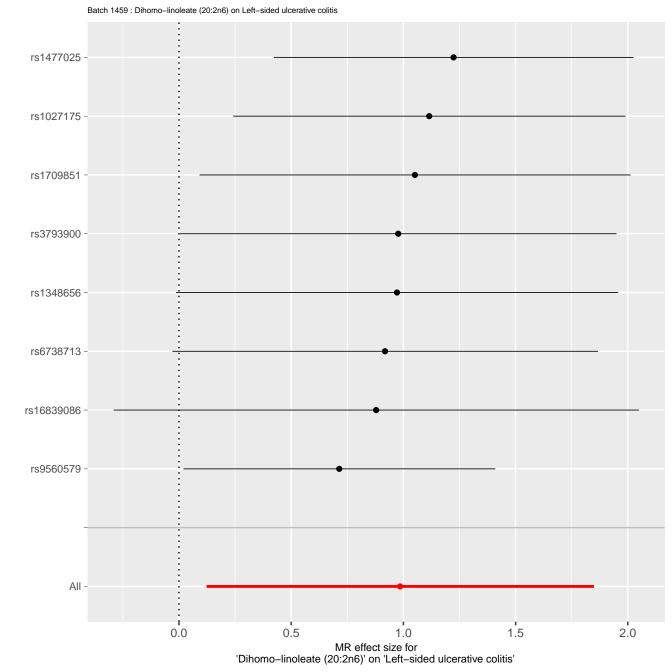




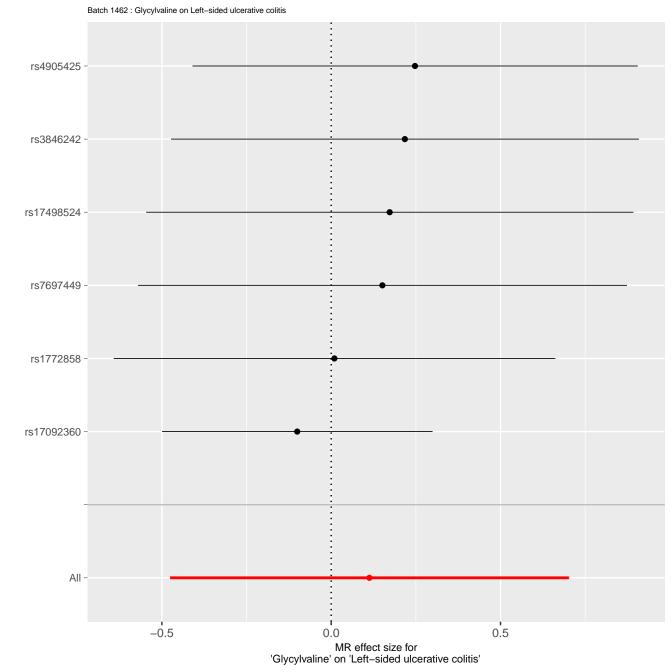


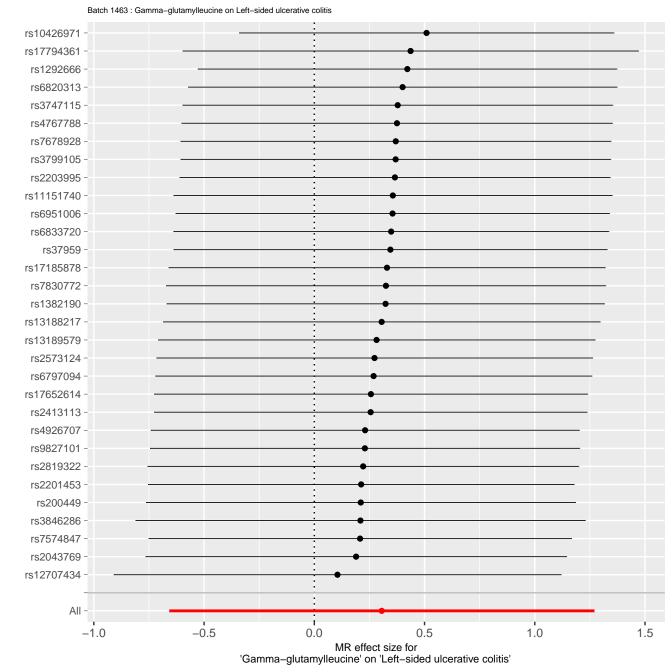


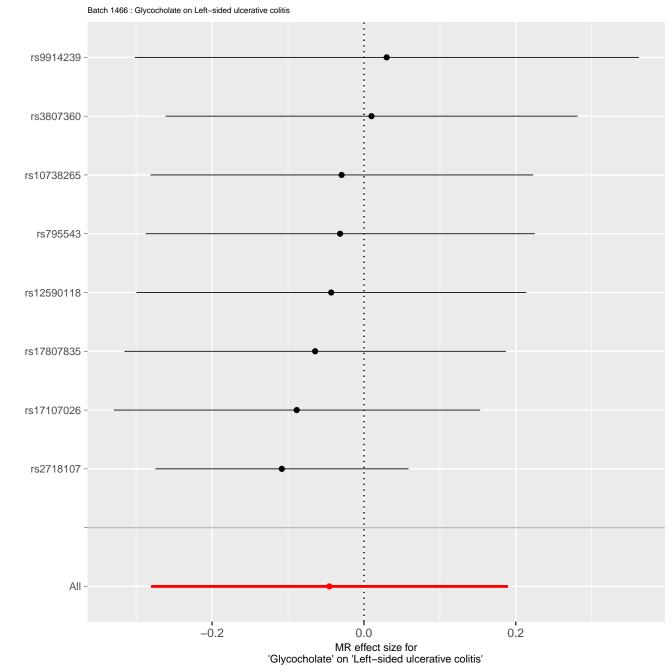


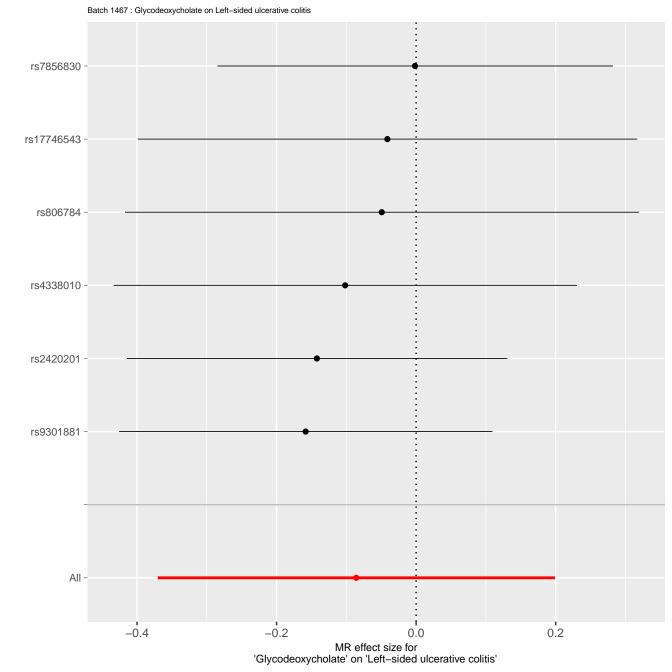


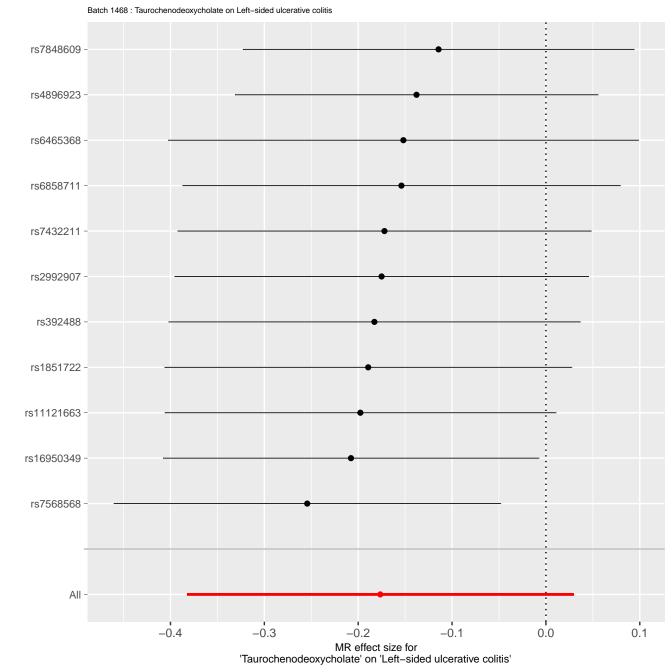
'2-hydroxystearate' on 'Left-sided ulcerative colitis'

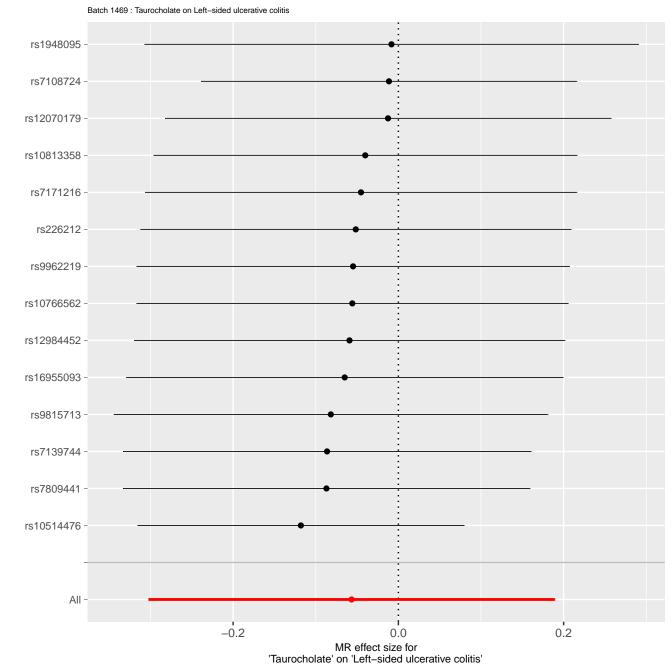


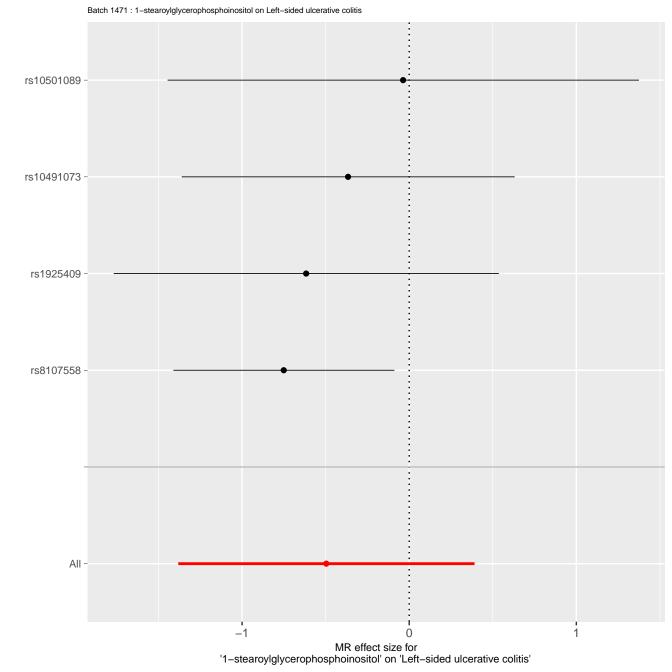


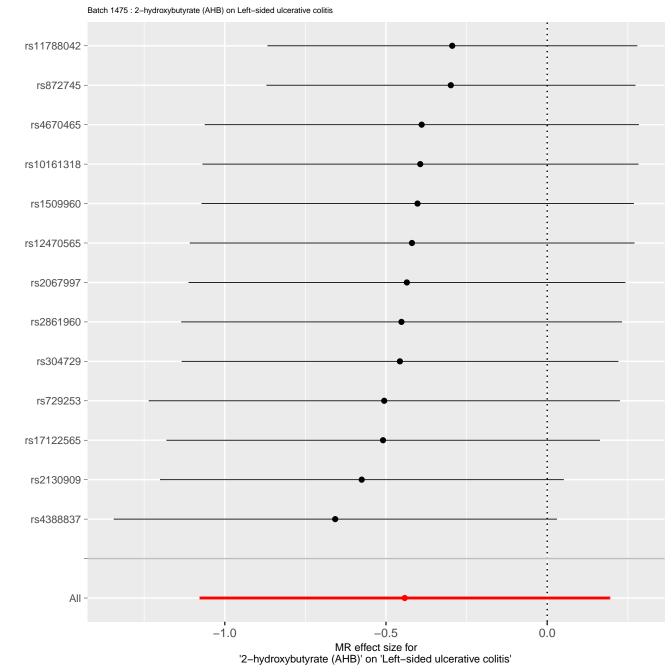


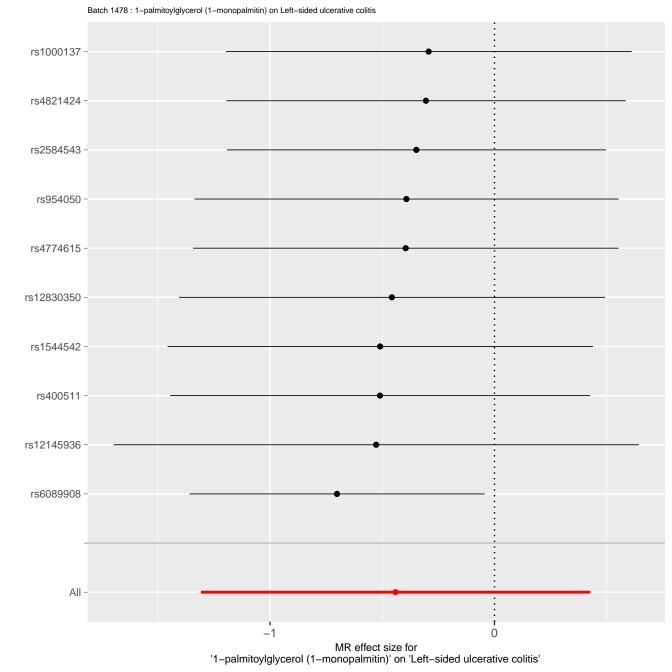


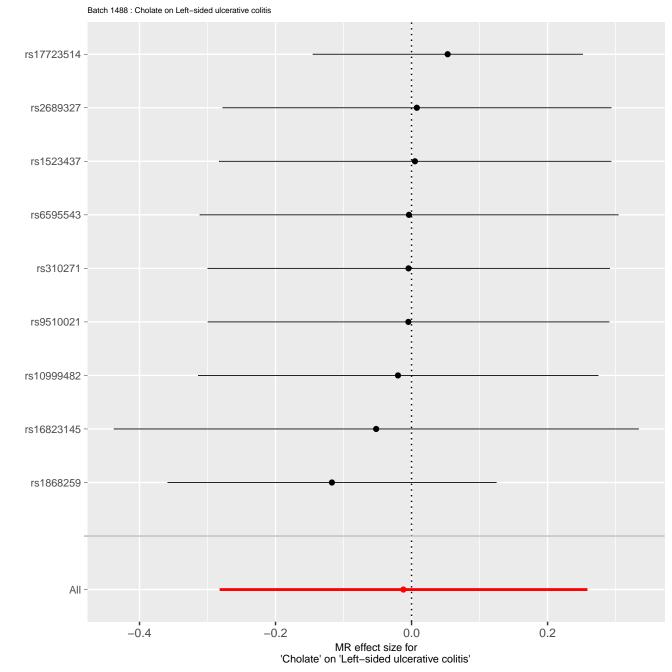


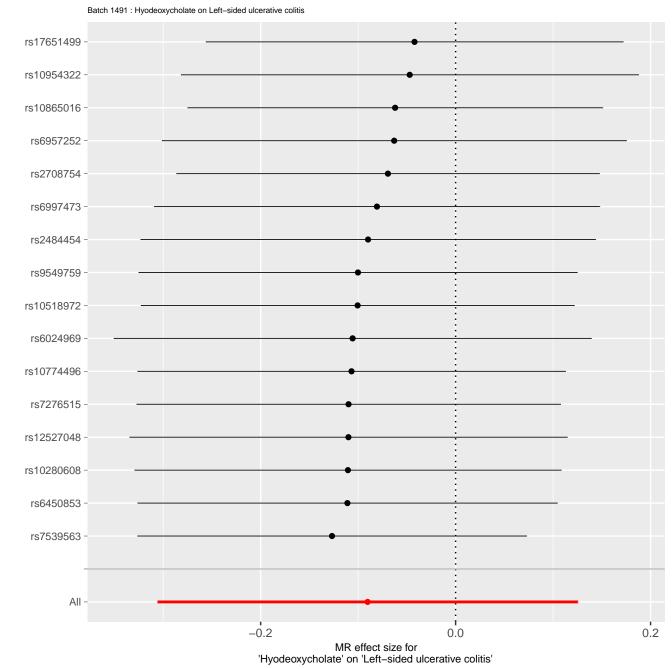


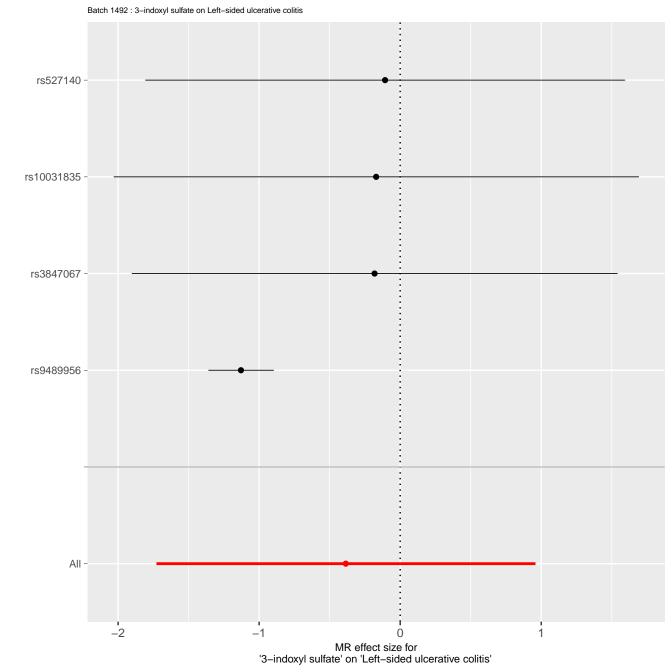


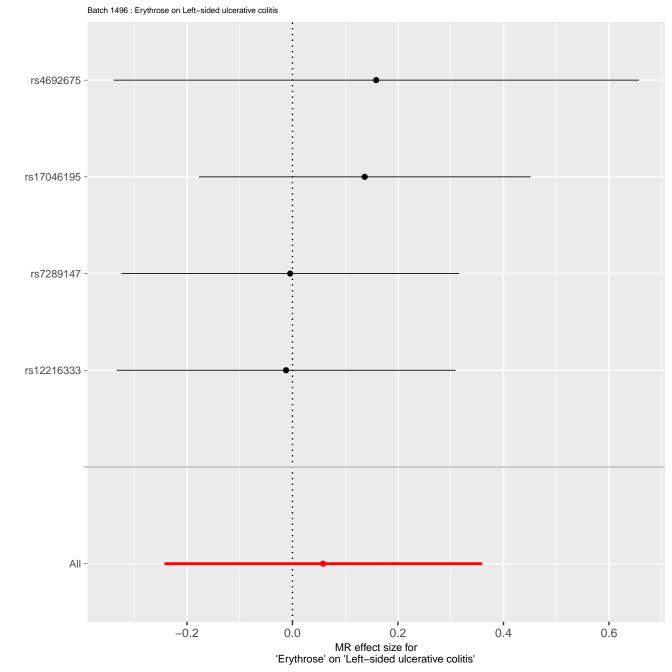








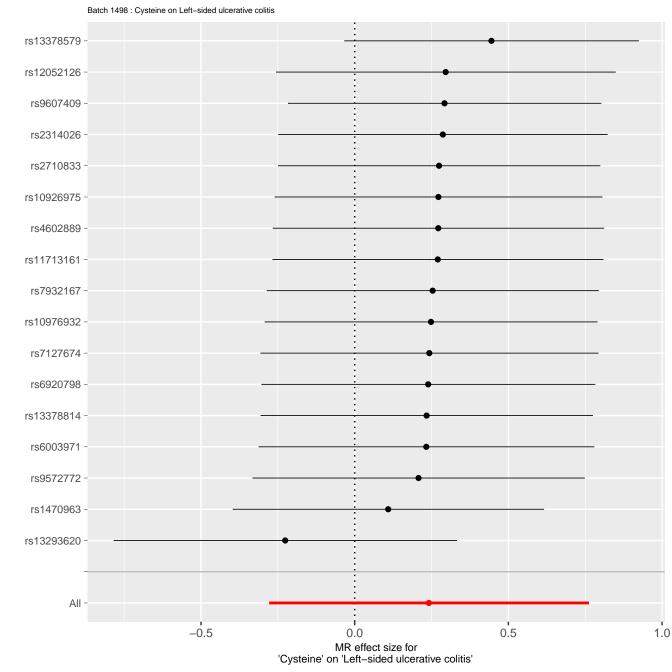


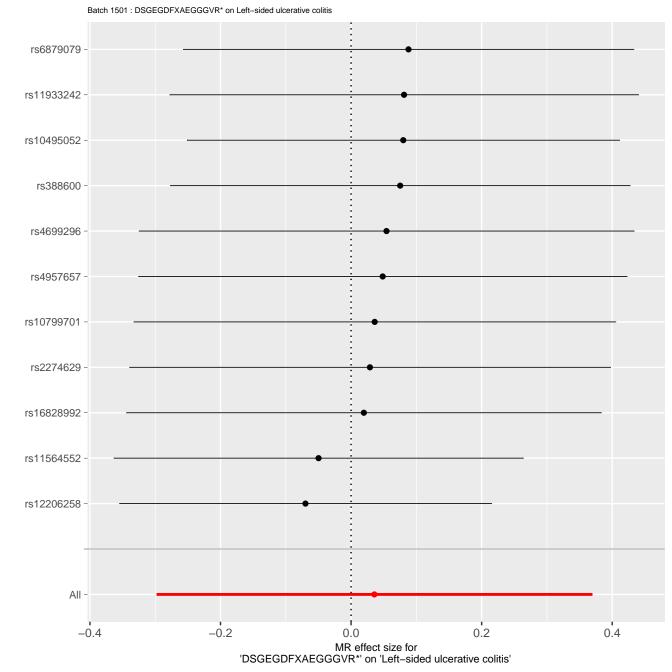


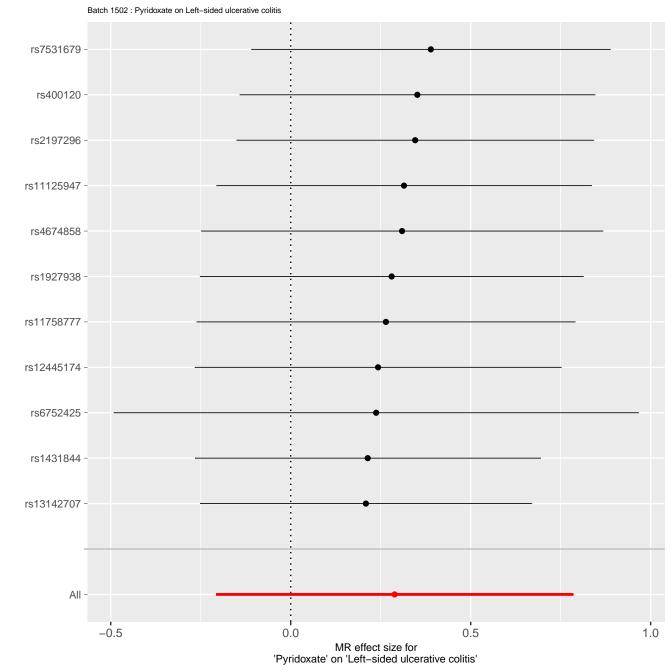
rs7132285 rs11914582 rs7332927 rs12779976 rs576266 rs10512185 rs7216075 rs8031609 rs13163920 rs2257061 rs306472 rs12447958 rs7993666 rs10097949 rs2303010 rs9572687 rs892429 -All --0.50 -0.25 0.25 0.00 MR effect size for

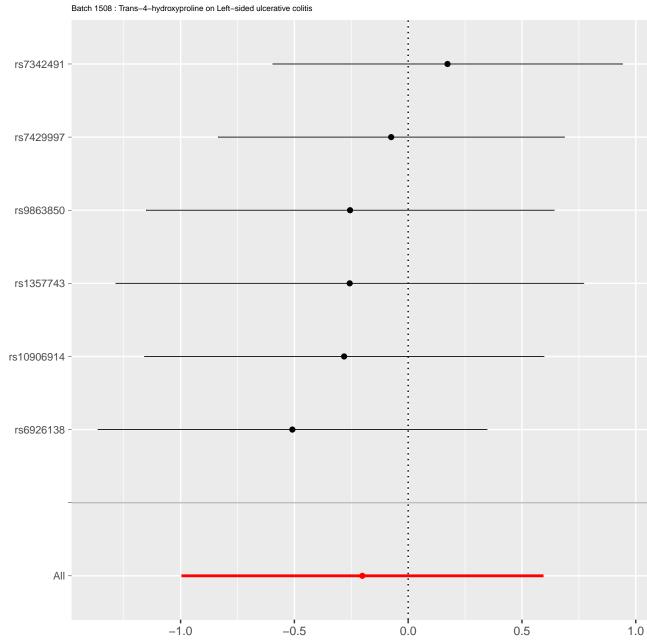
'Threonate' on 'Left-sided ulcerative colitis'

Batch 1497: Threonate on Left-sided ulcerative colitis

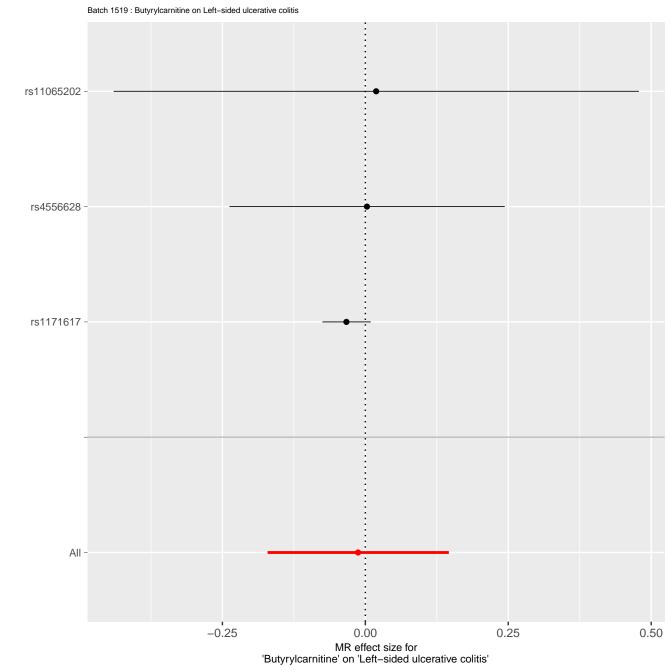


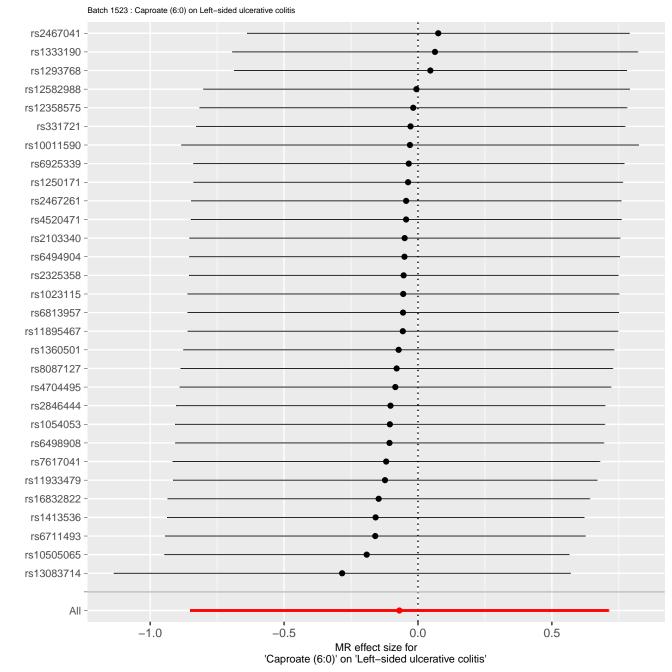


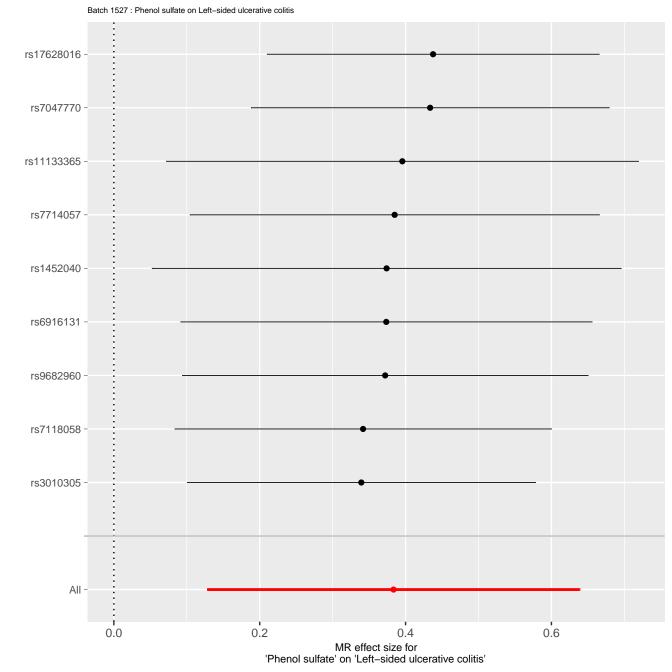


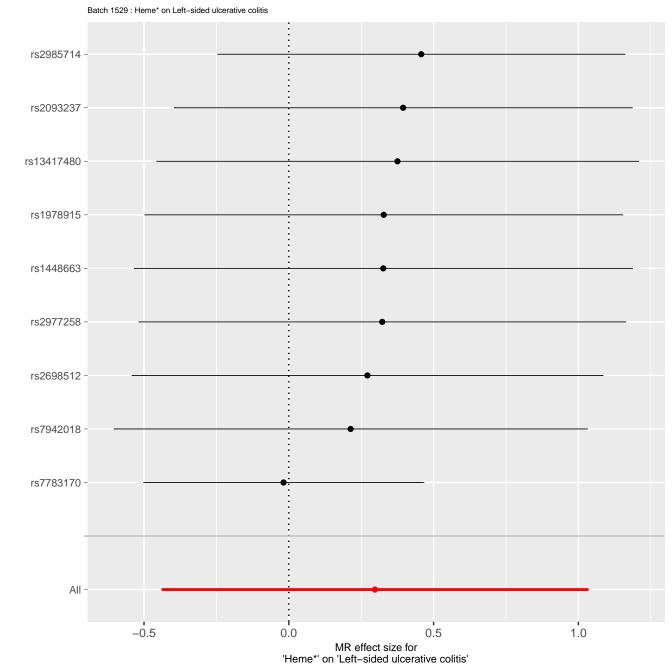


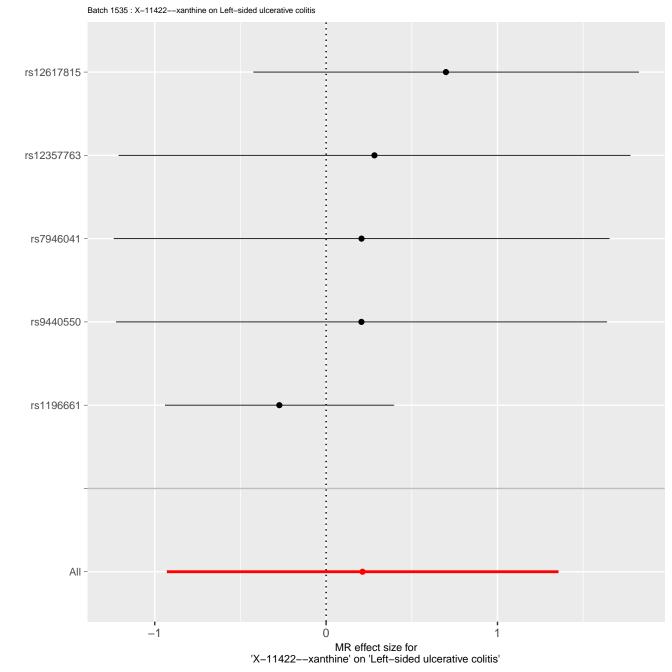
MR effect size for 'Trans-4-hydroxyproline' on 'Left-sided ulcerative colitis'

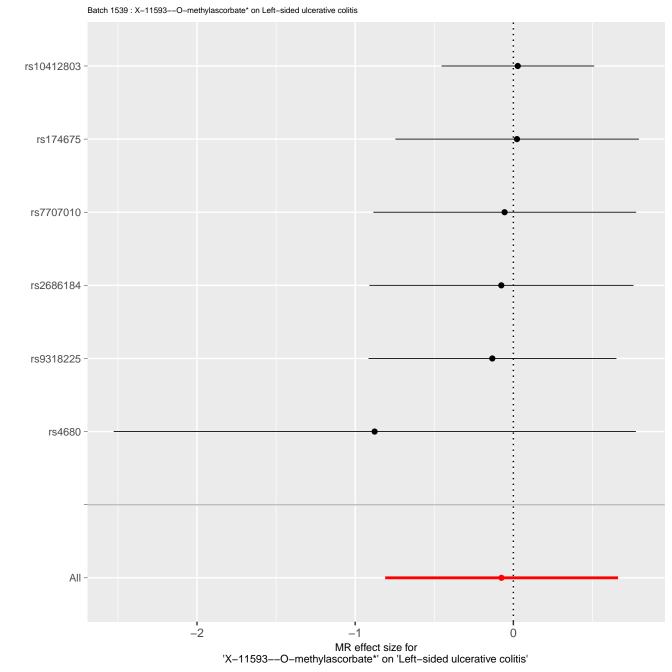


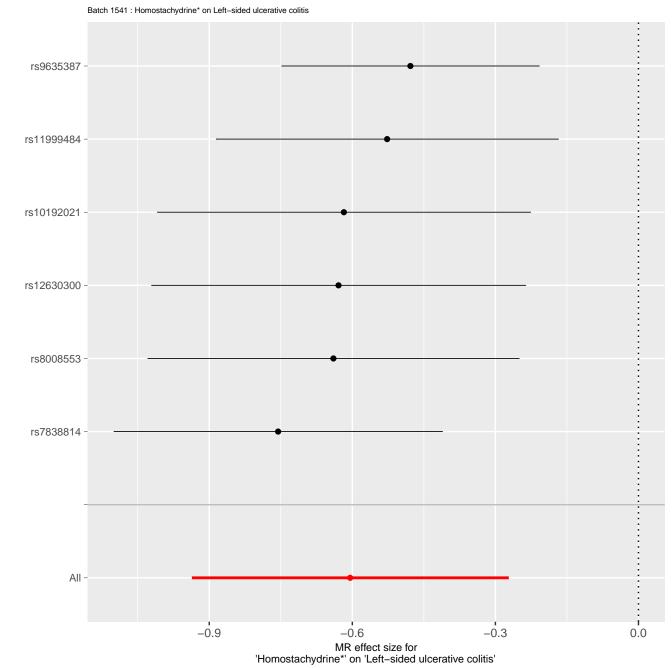


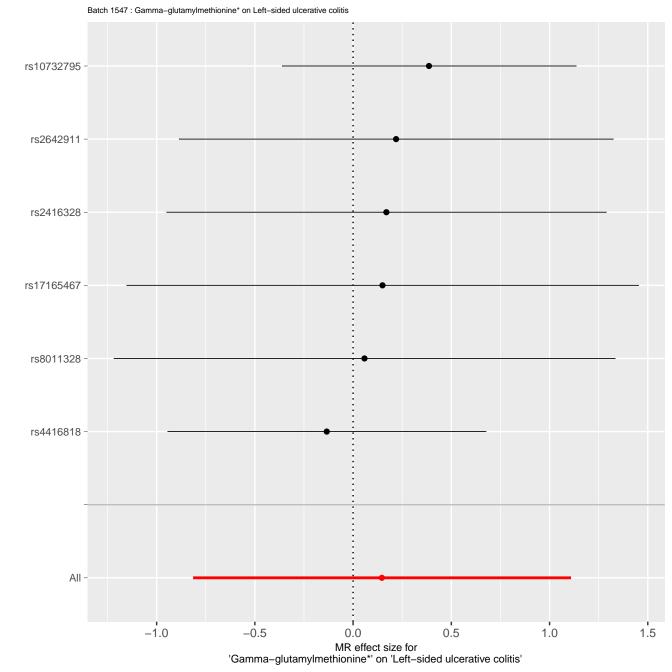


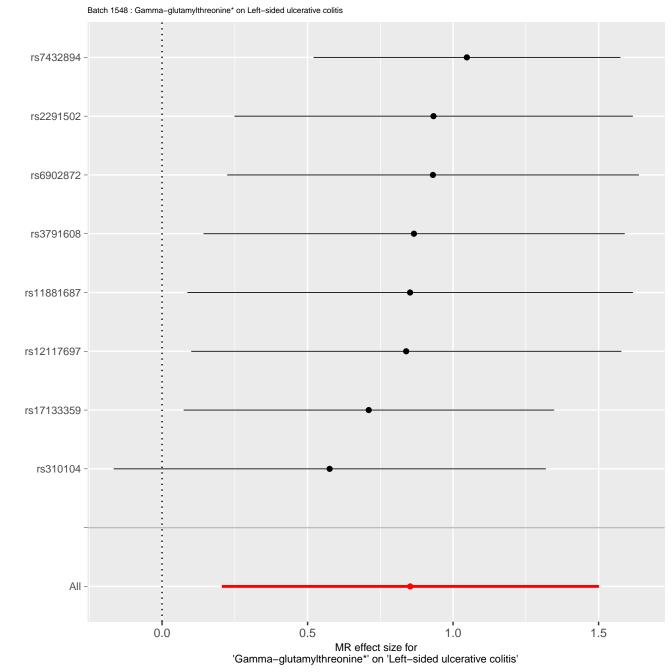


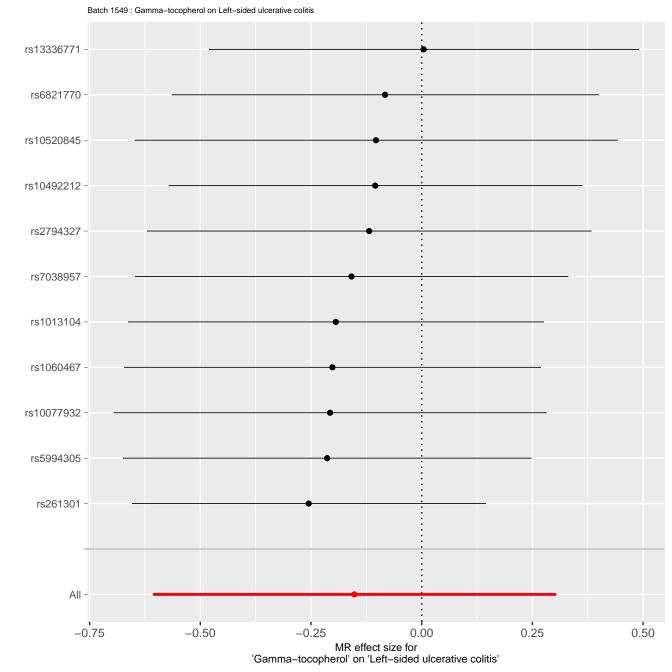


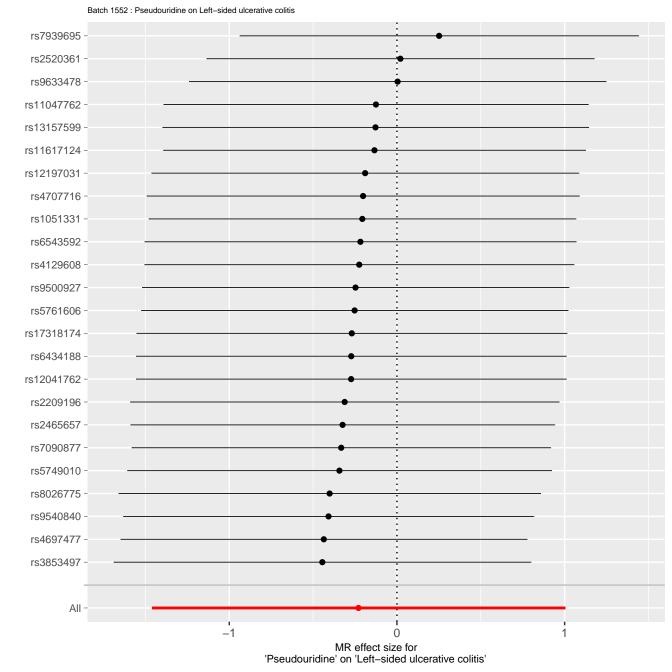


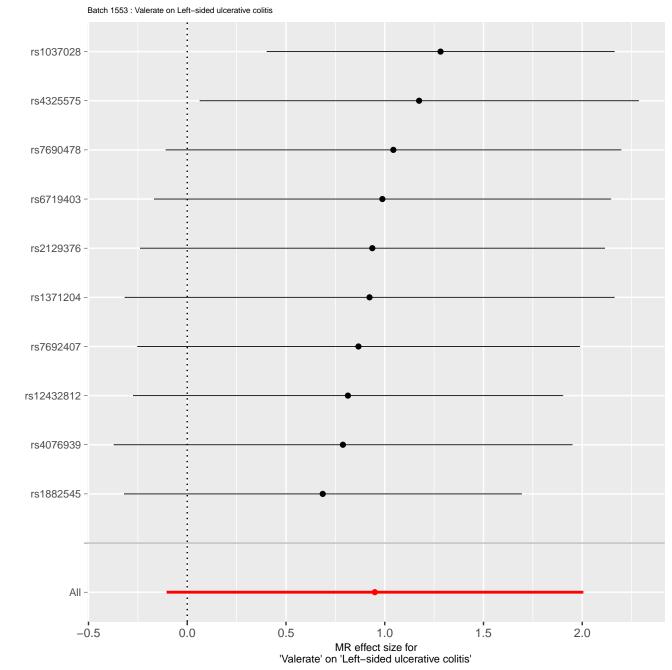


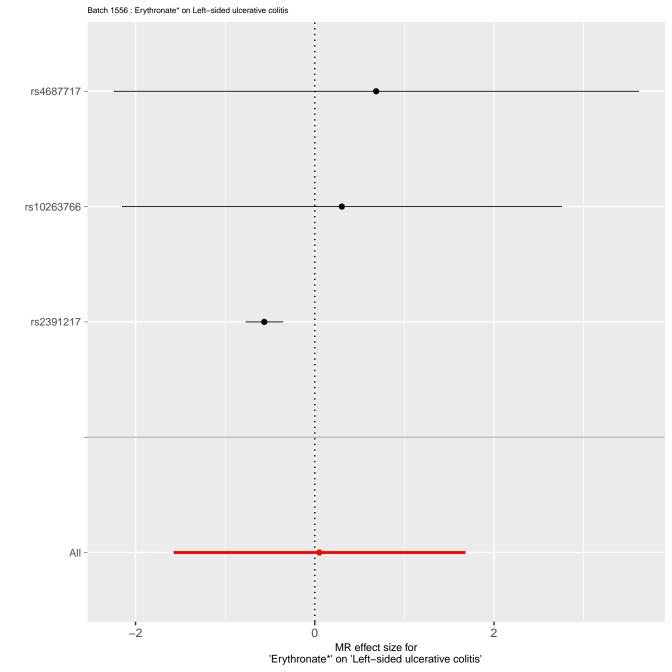


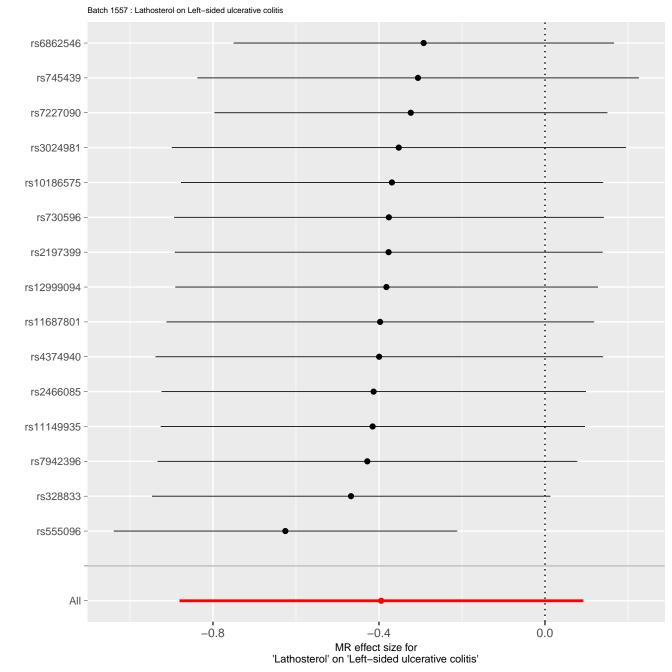


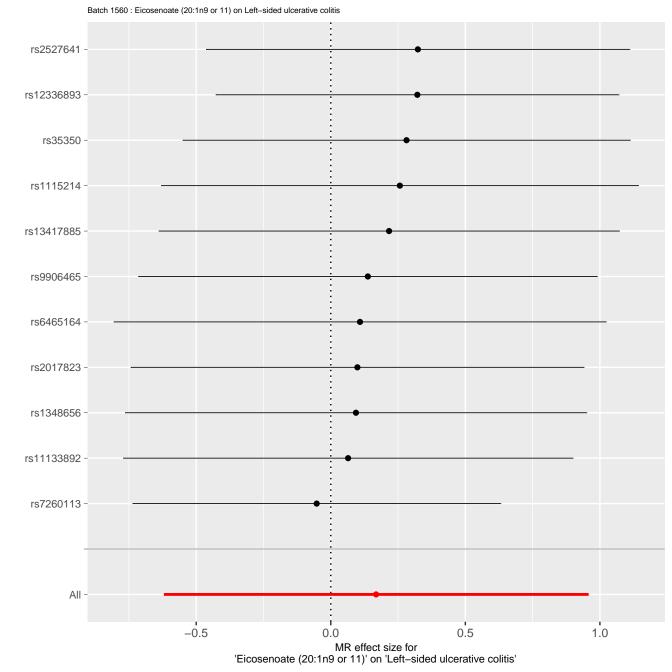


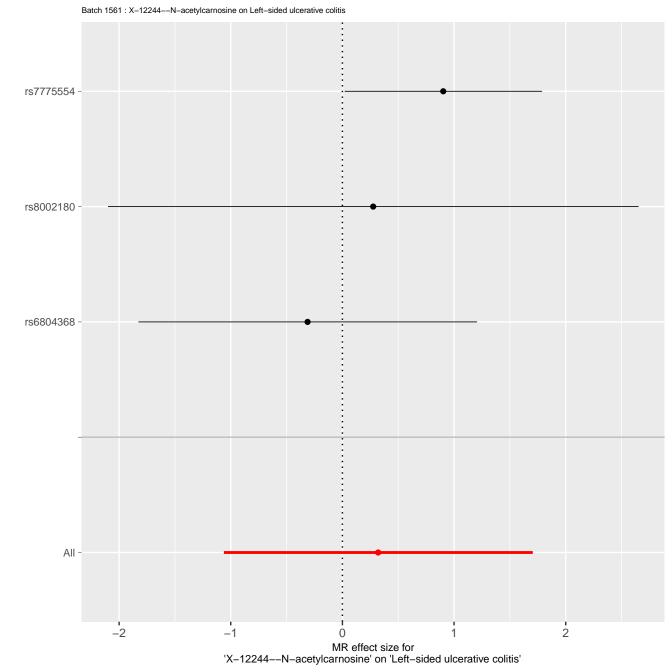


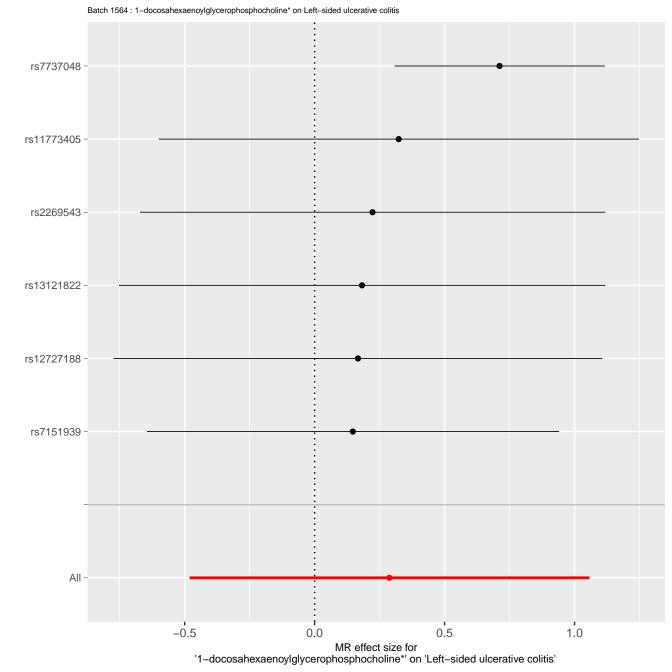


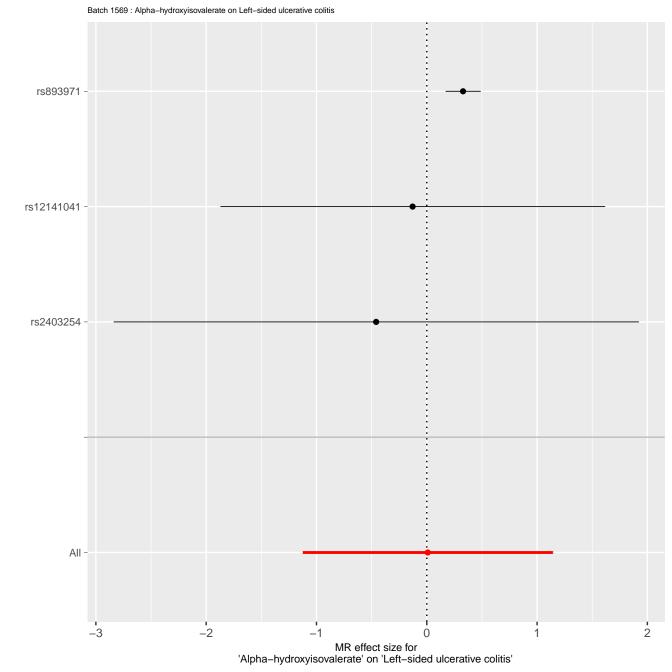


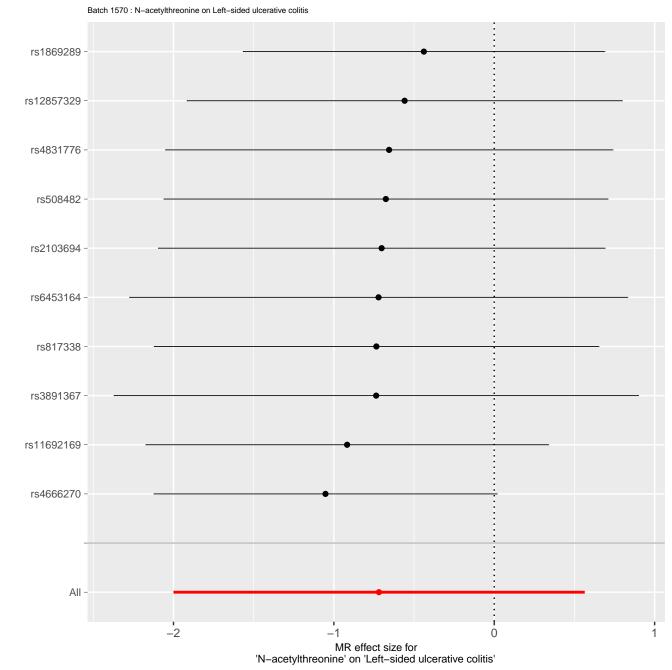


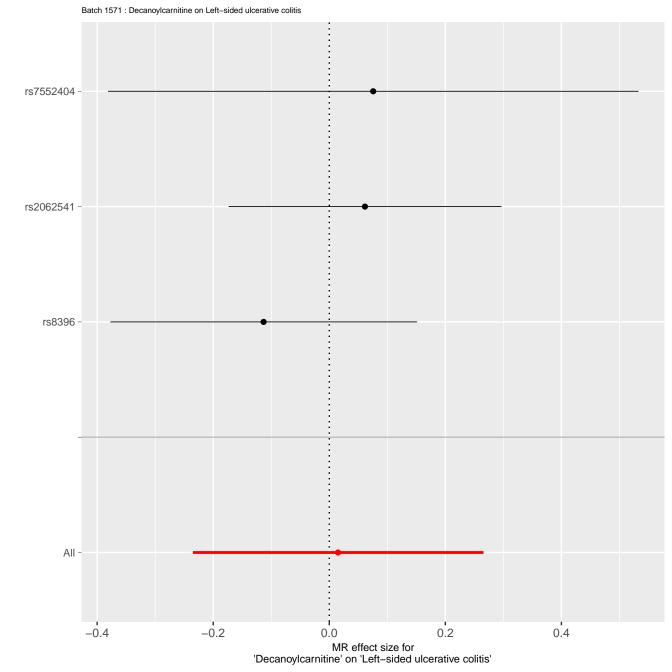


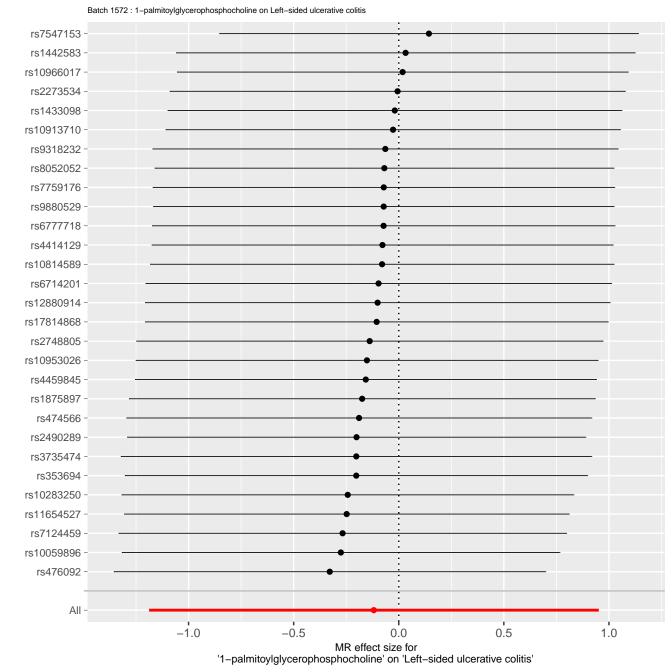


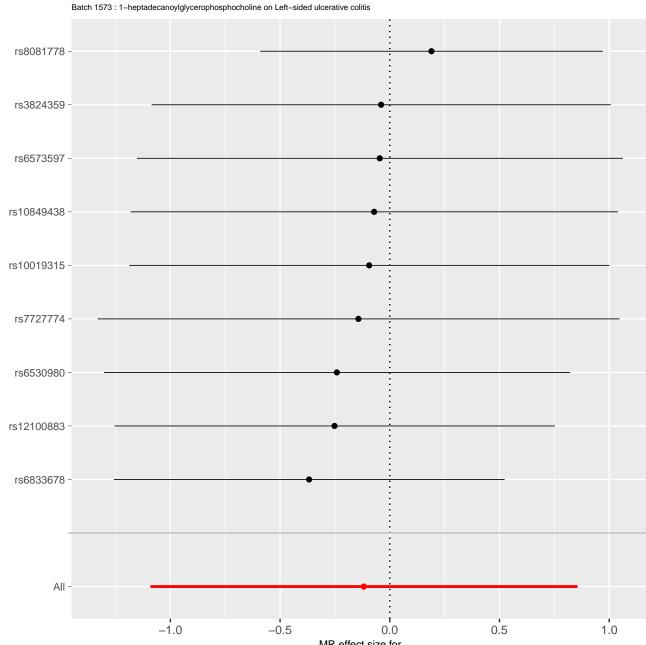




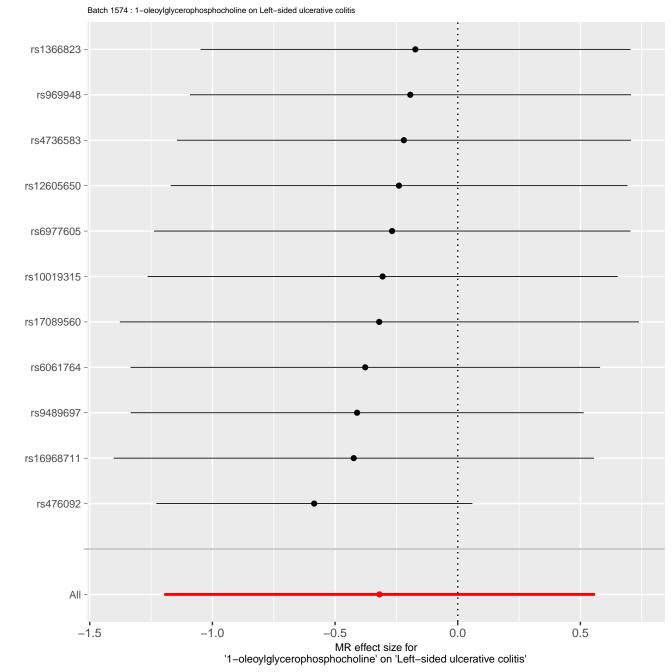


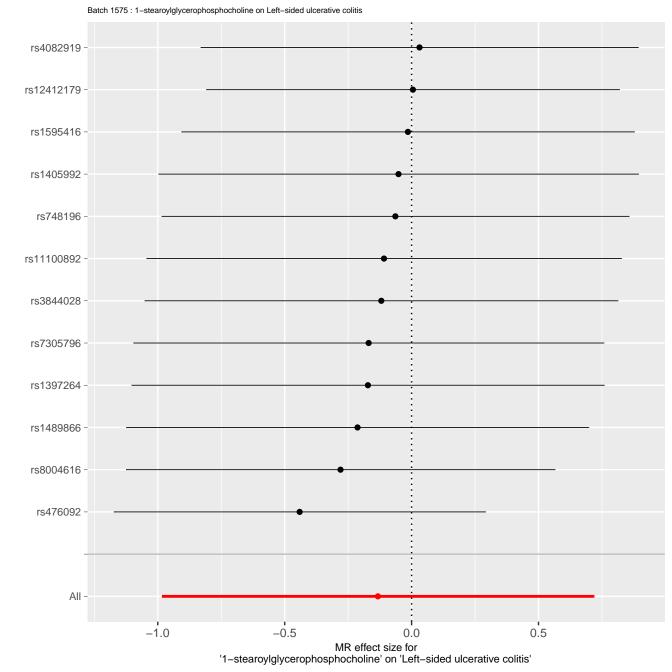


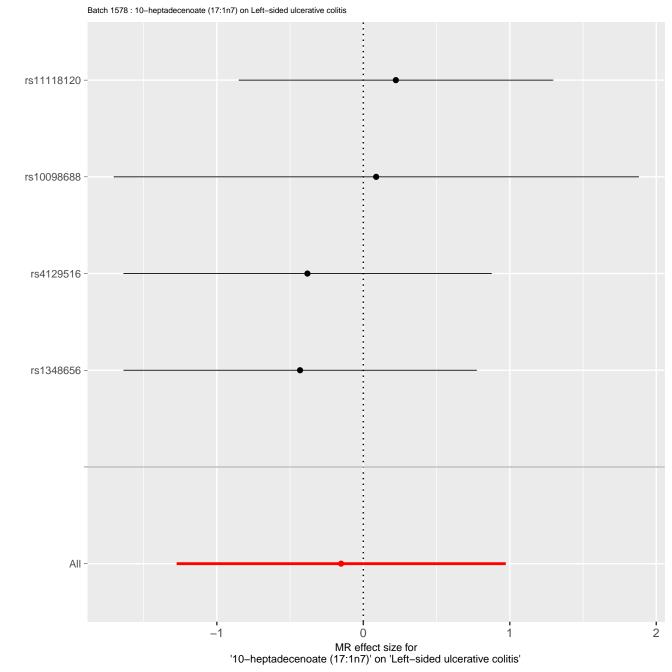


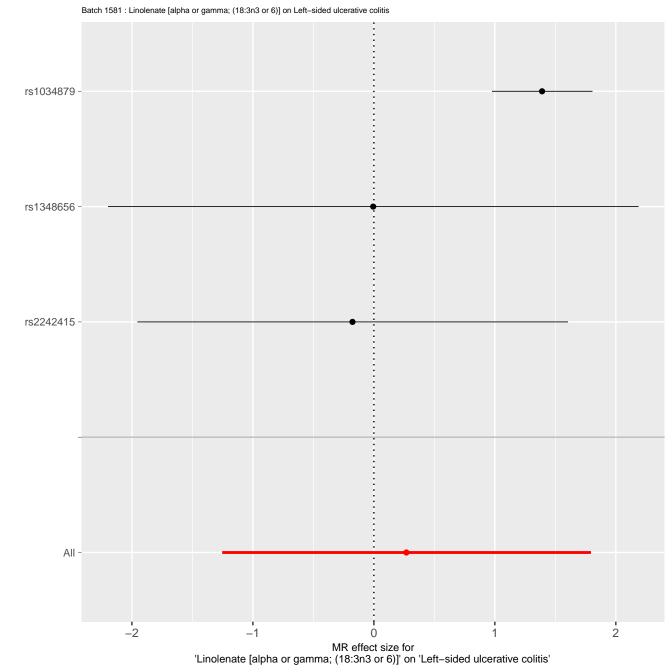


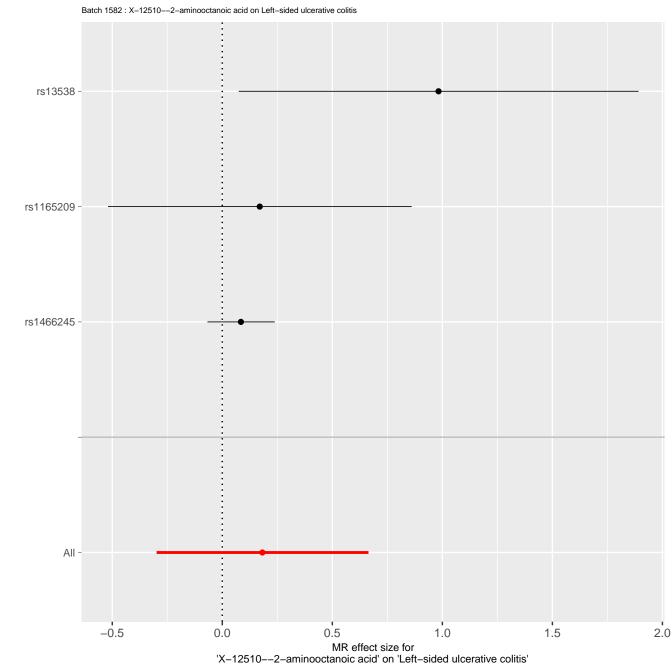
MR effect size for 
'1-heptadecanoylglycerophosphocholine' on 'Left-sided ulcerative colitis'

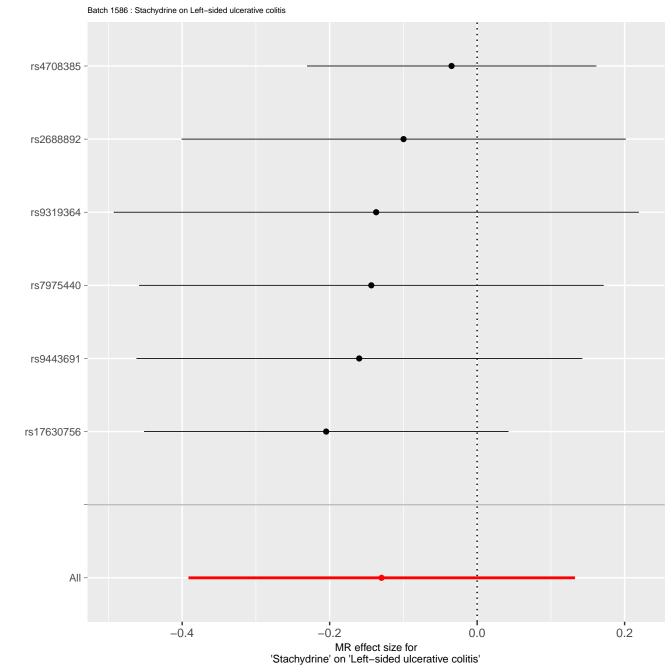


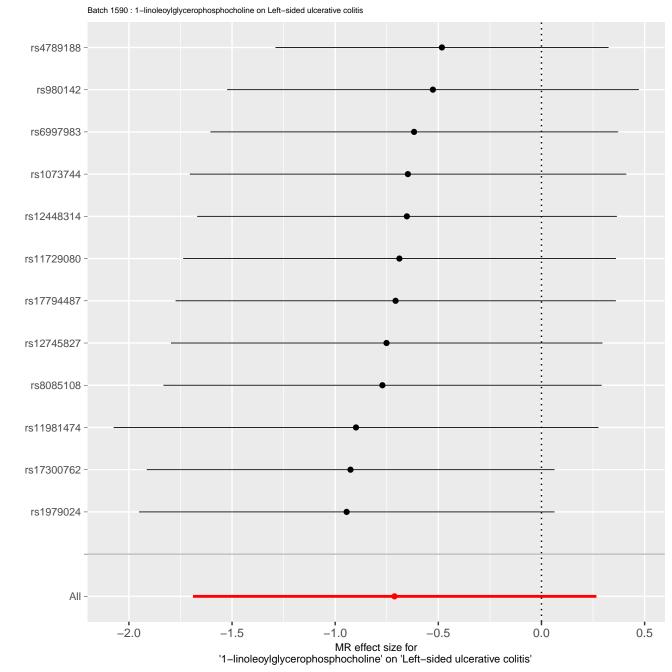


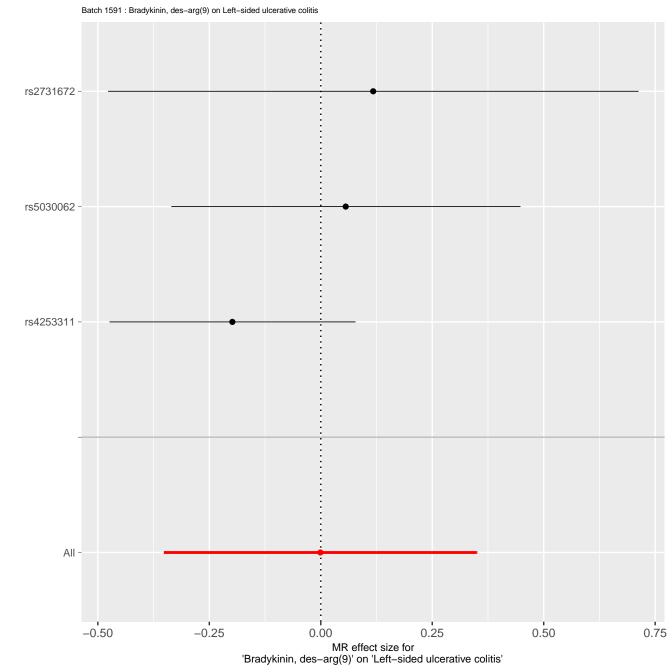


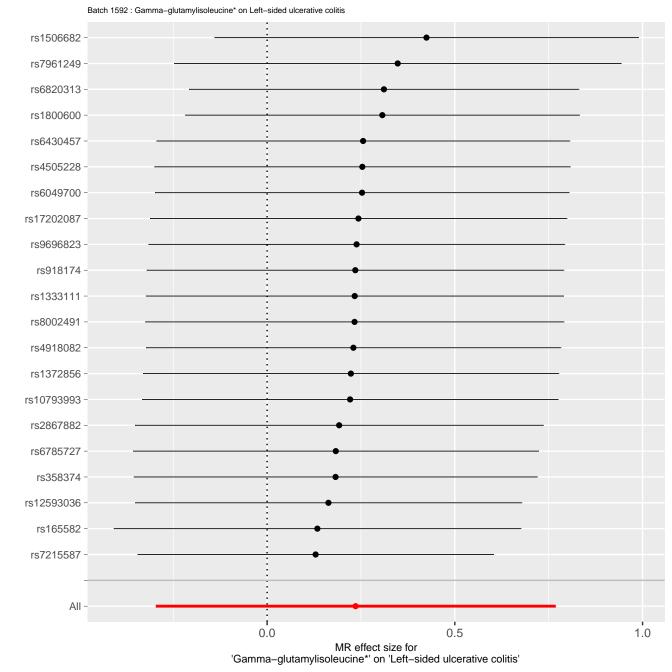


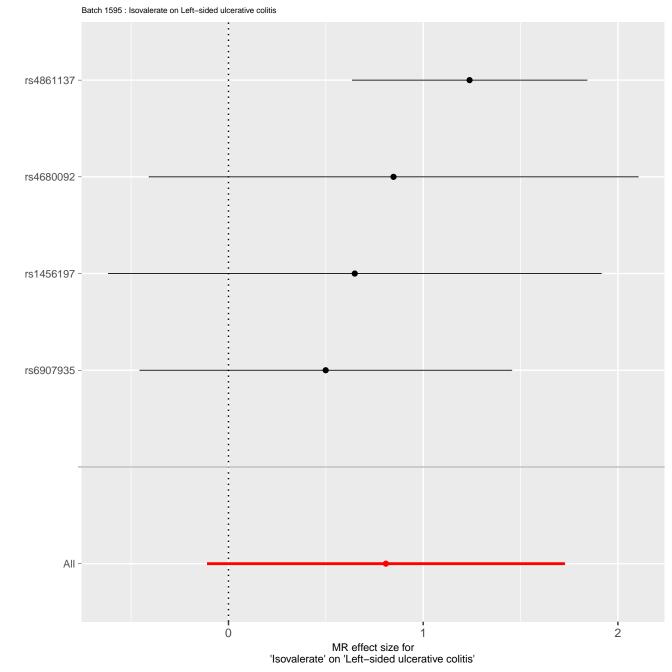


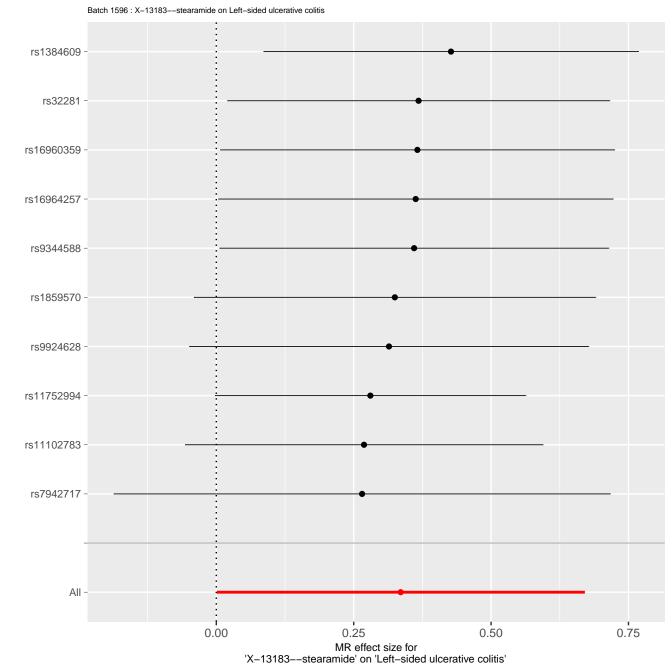


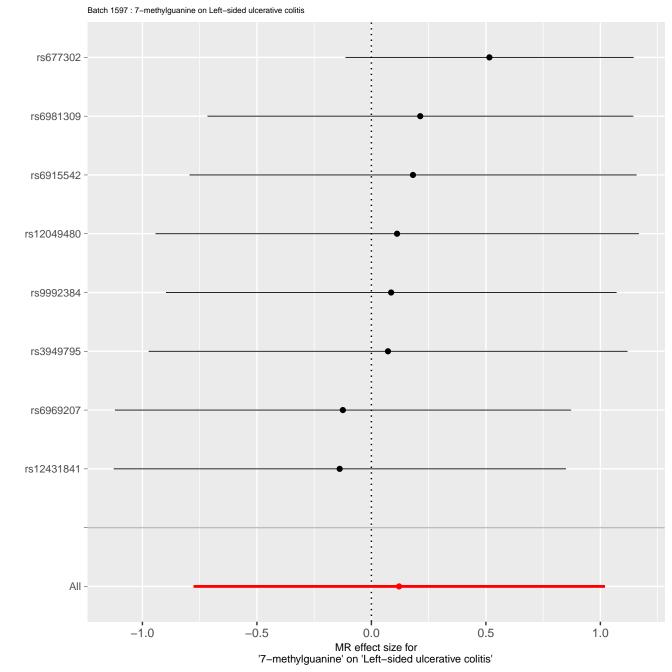


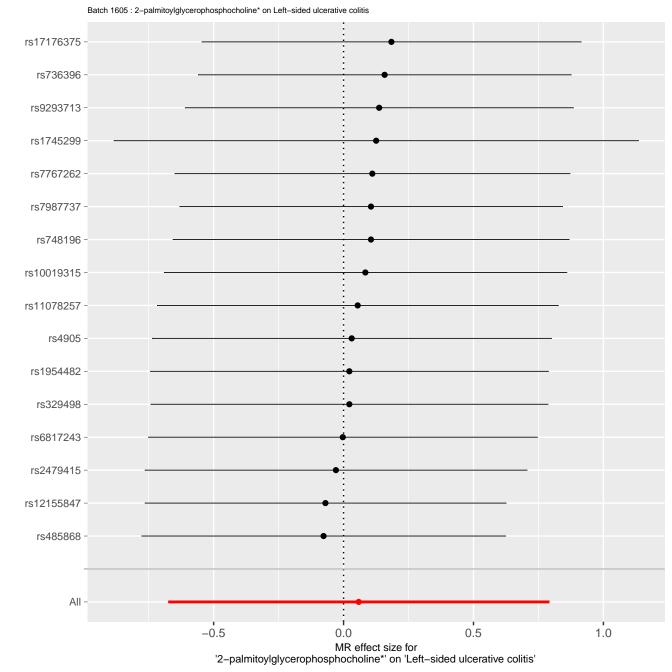


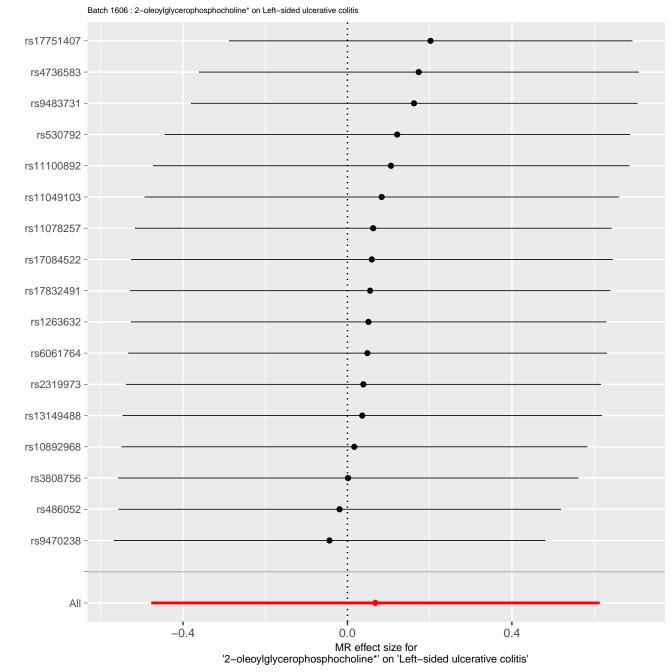


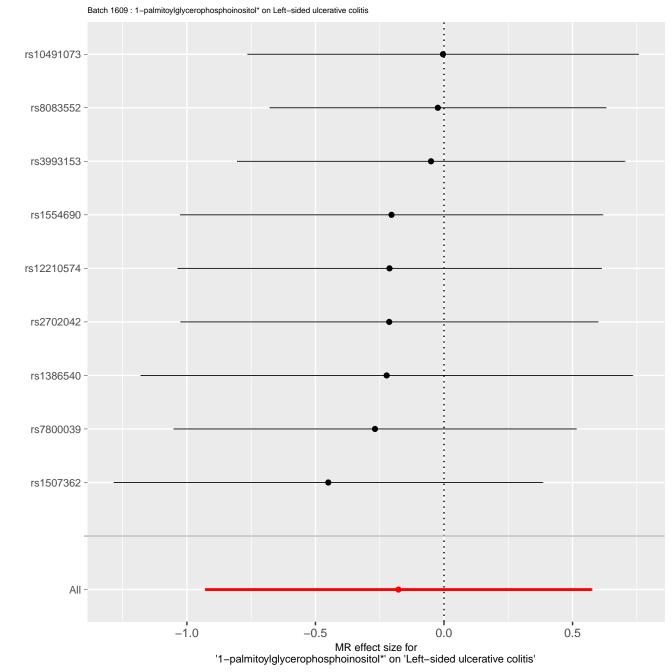


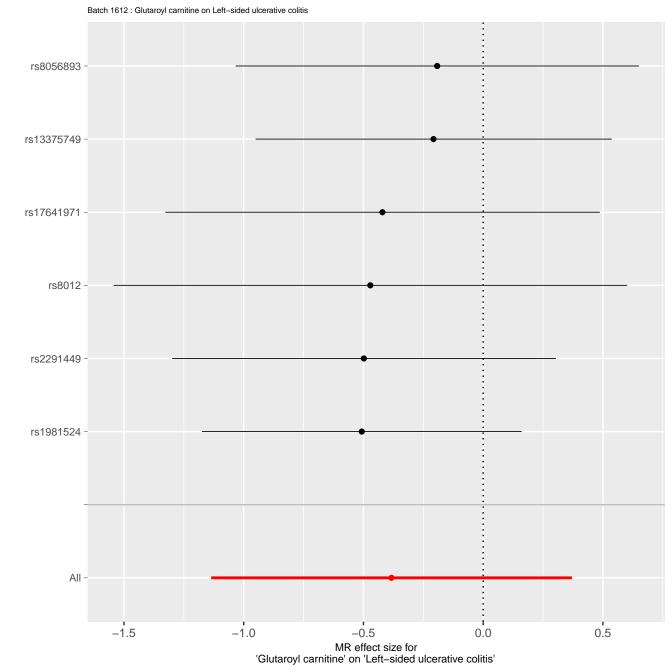


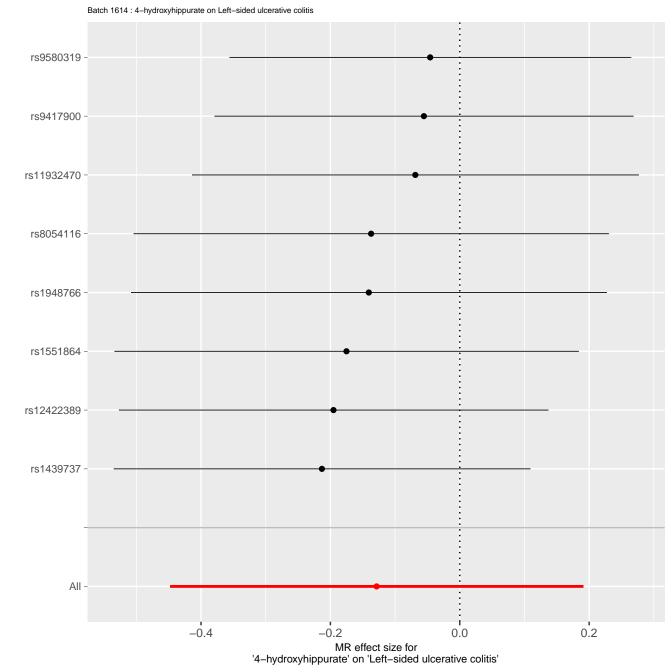


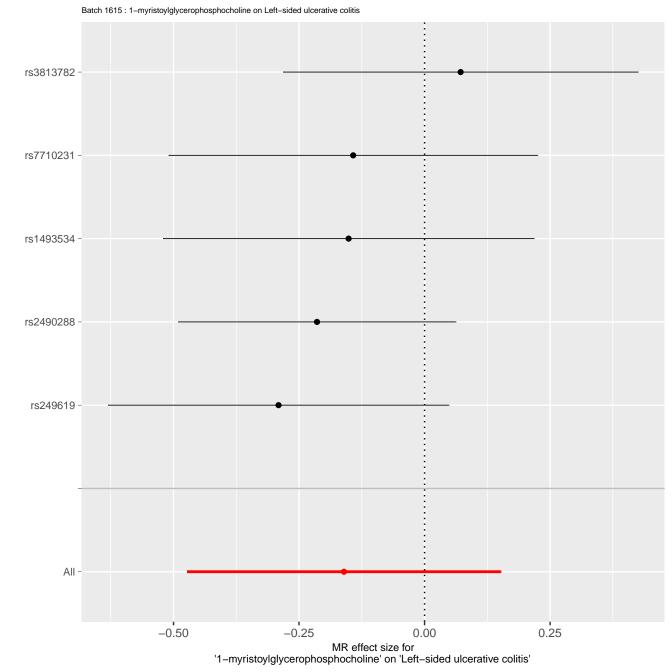


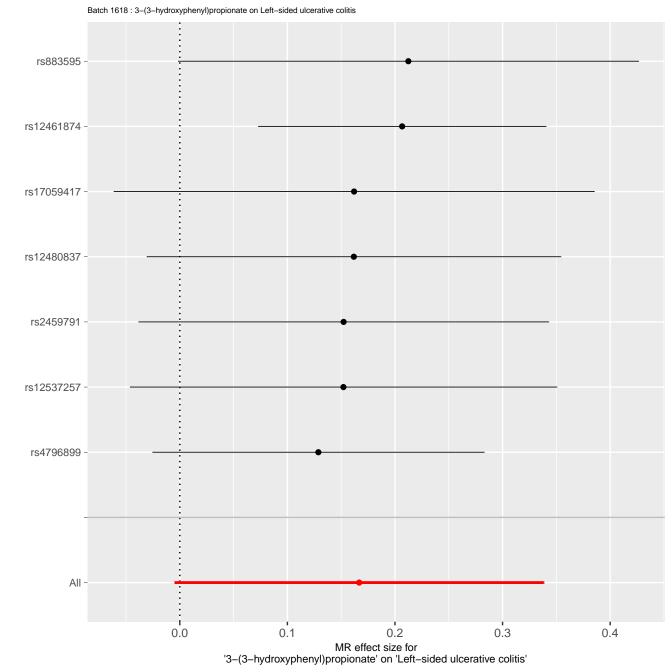


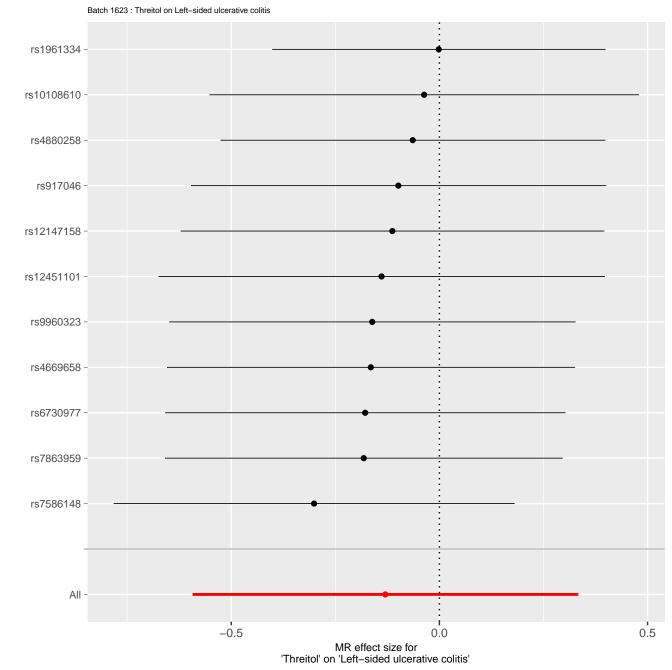


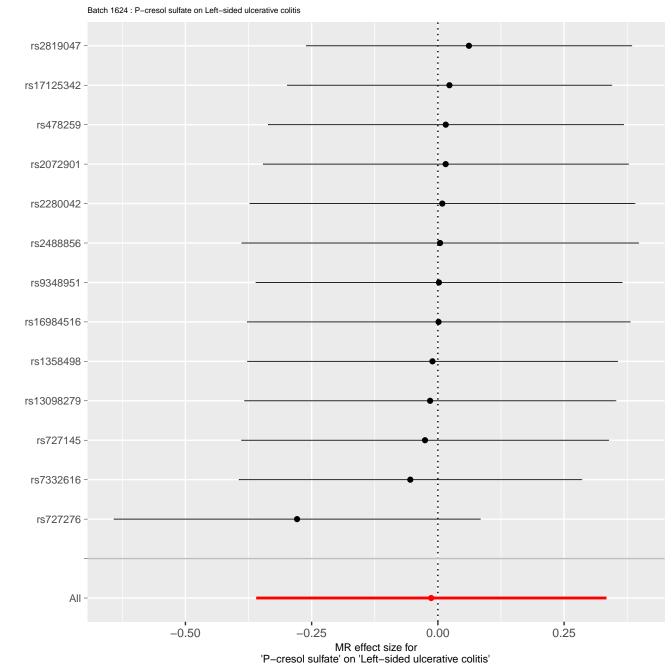


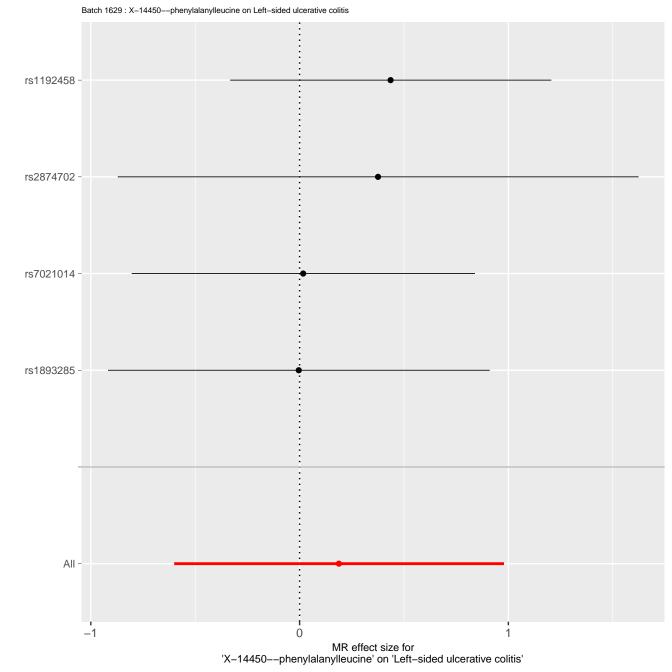


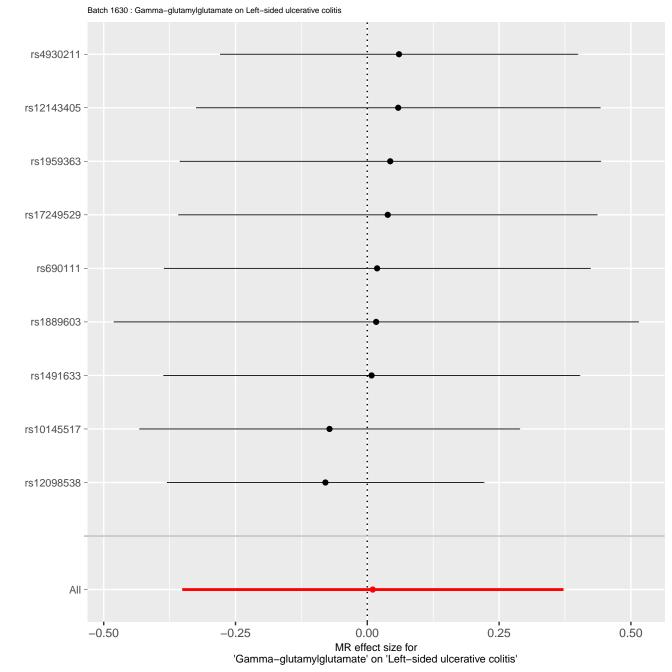


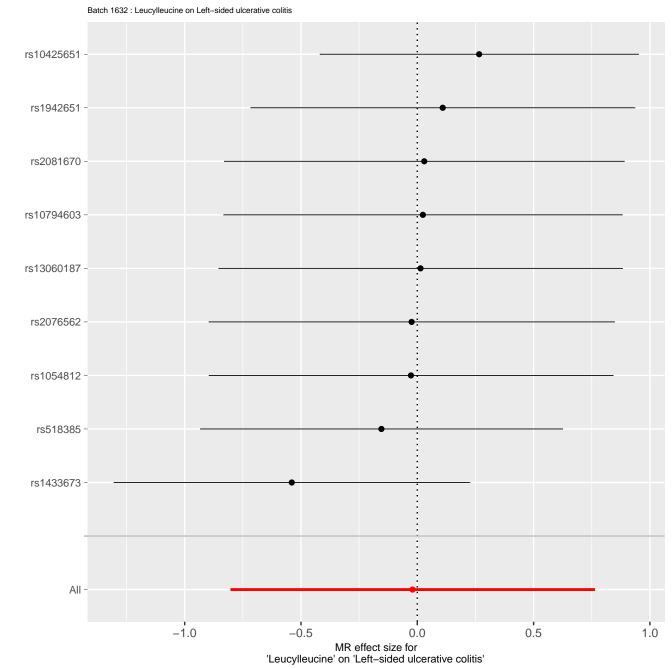


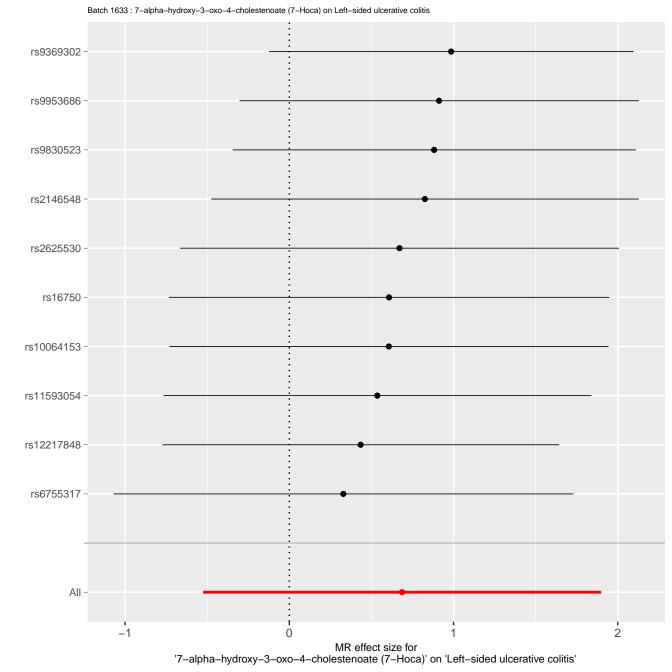


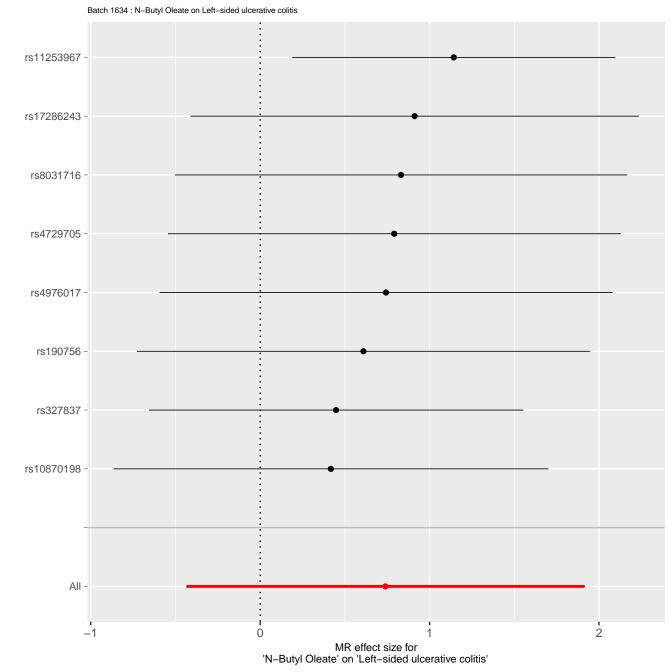


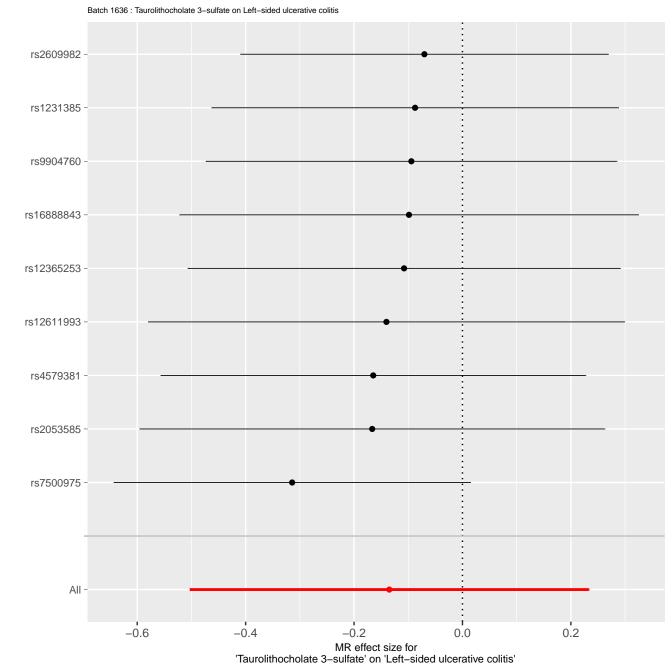


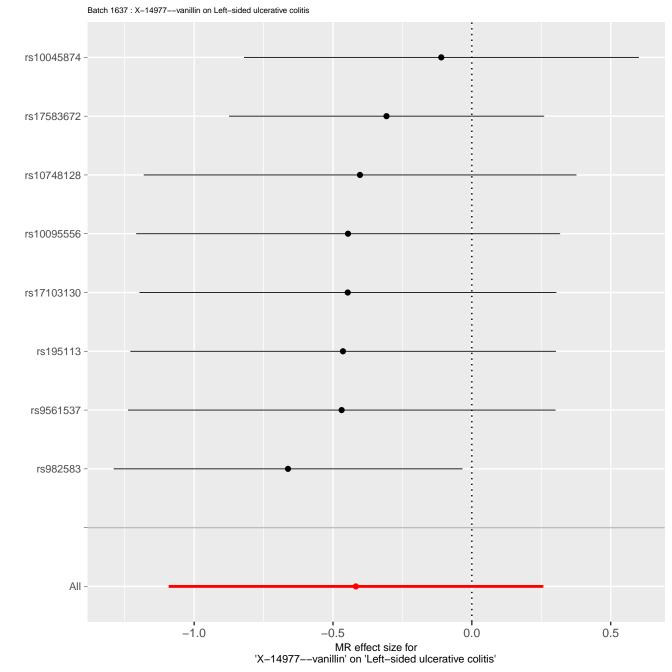


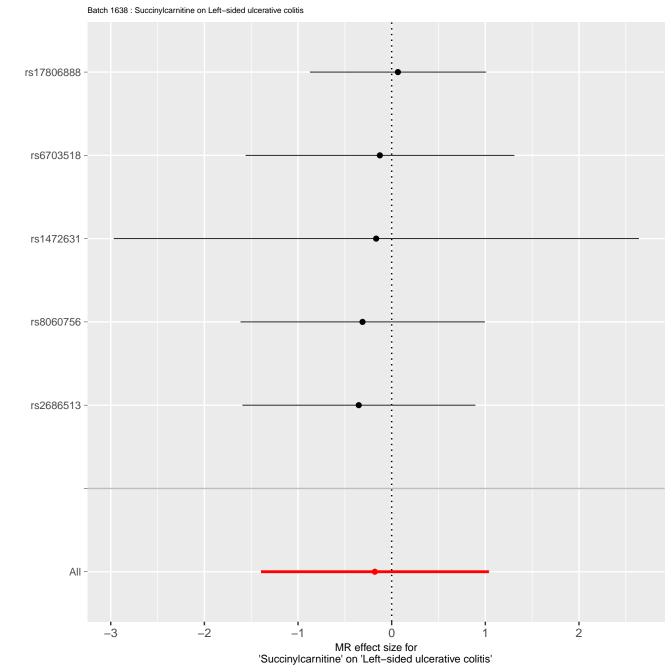


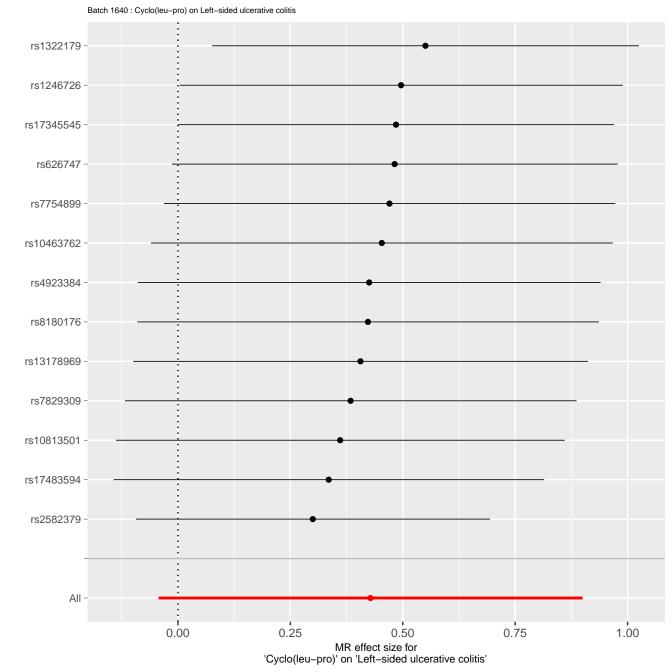


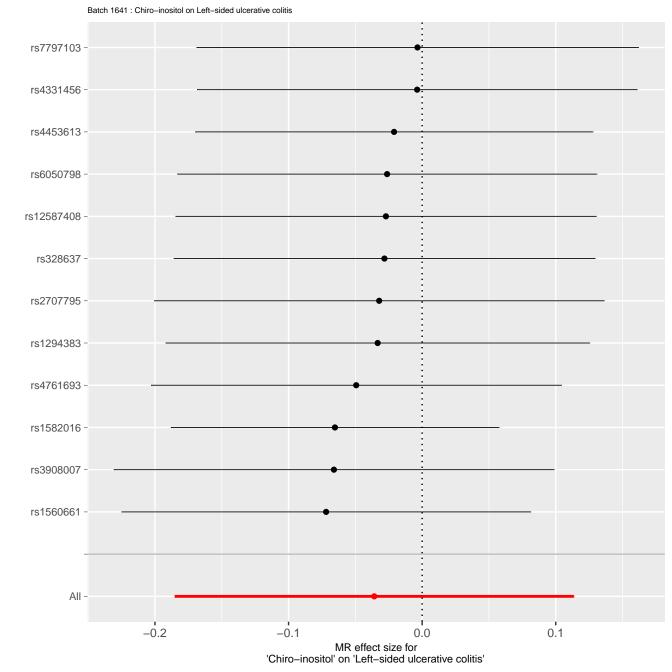


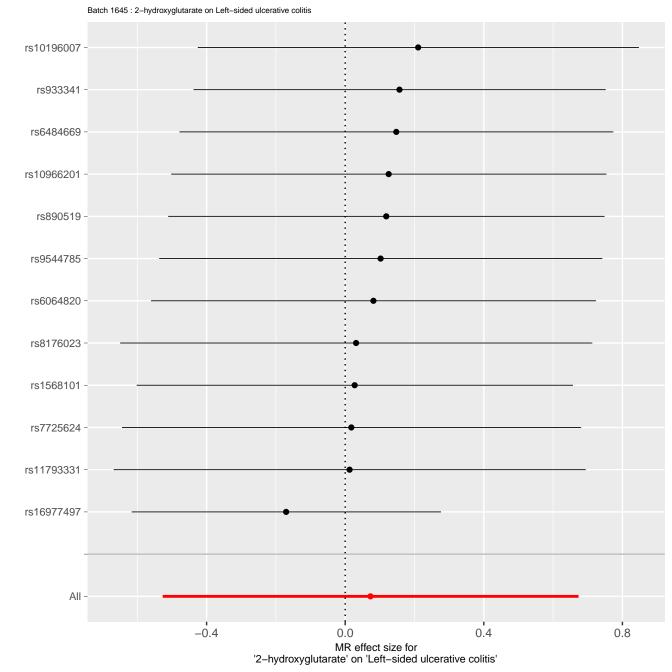


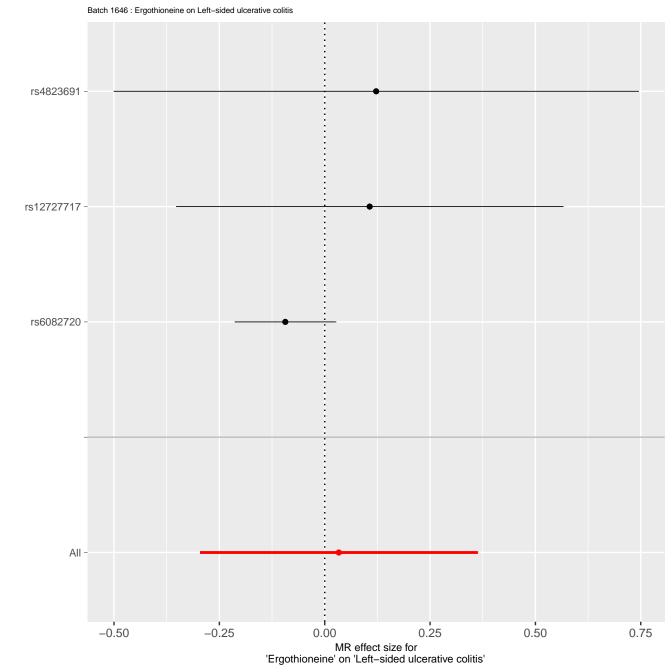


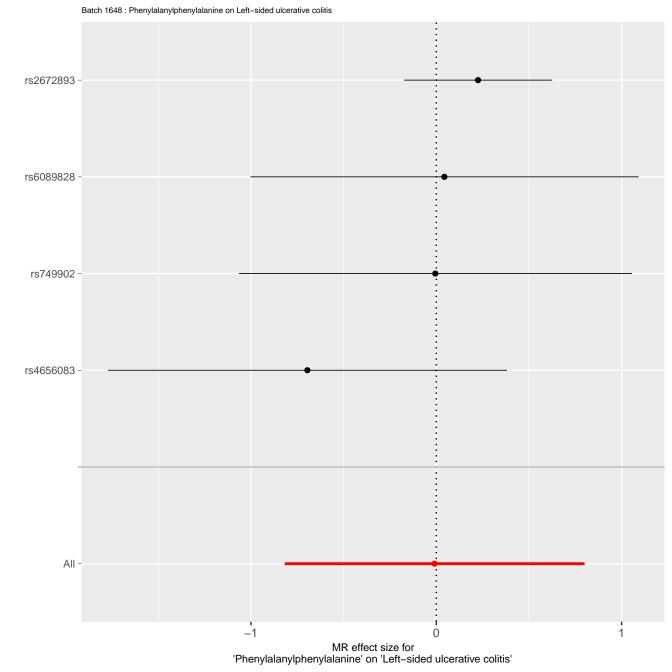


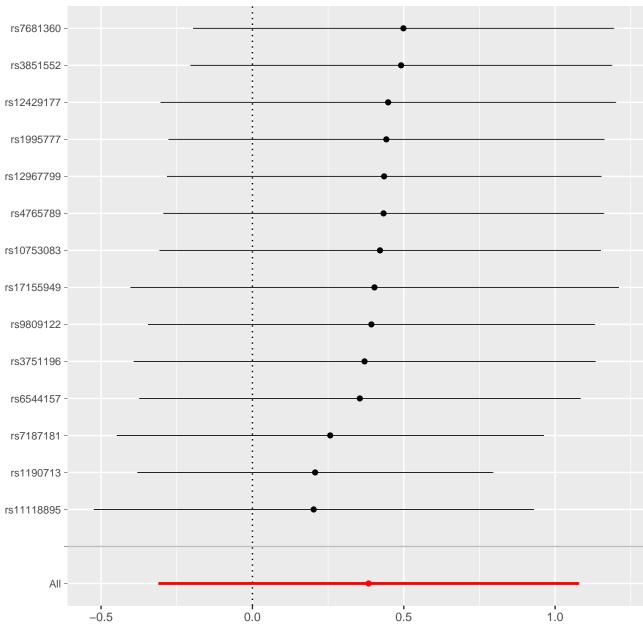










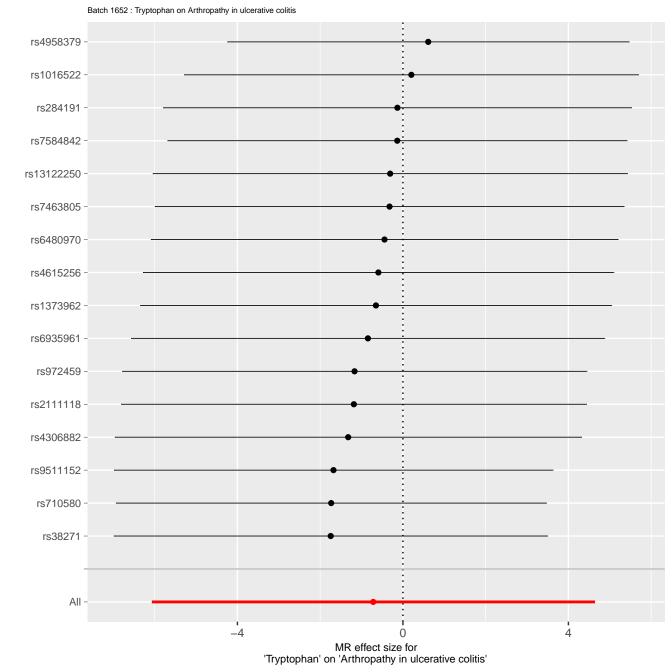


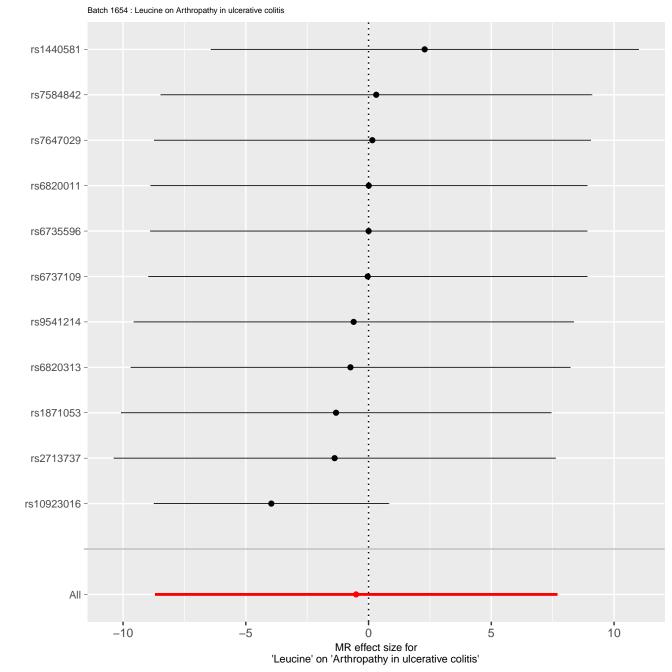
Batch 1650 : 15-methylpalmitate (isobar with 2-methylpalmitate) on Left-sided ulcerative colitis

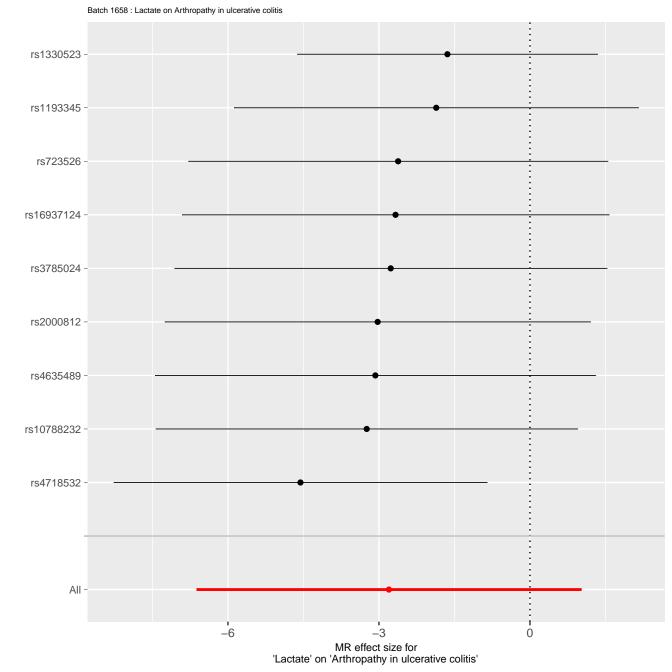
-0.5 0.0 0.5 1.0

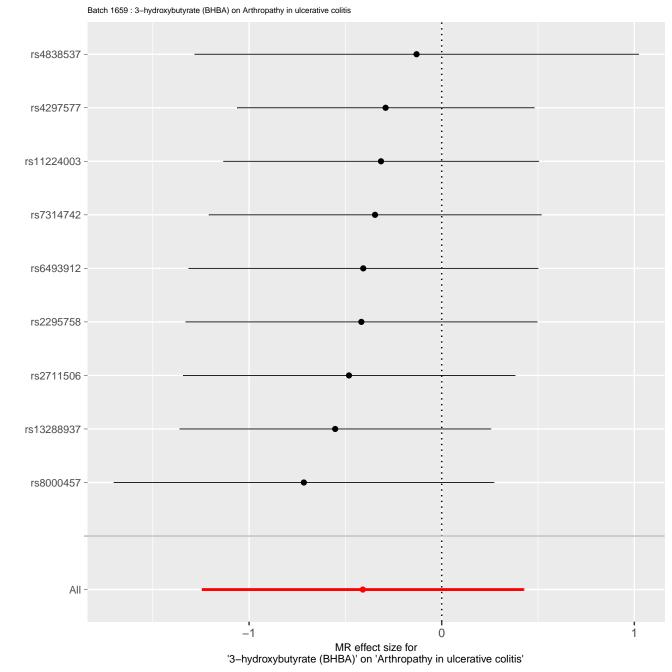
MR effect size for

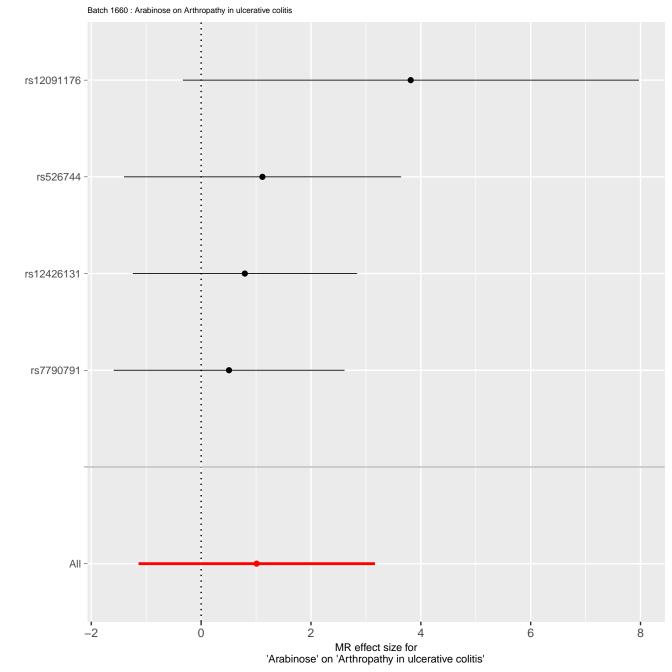
'15-methylpalmitate (isobar with 2-methylpalmitate)' on 'Left-sided ulcerative colitis'

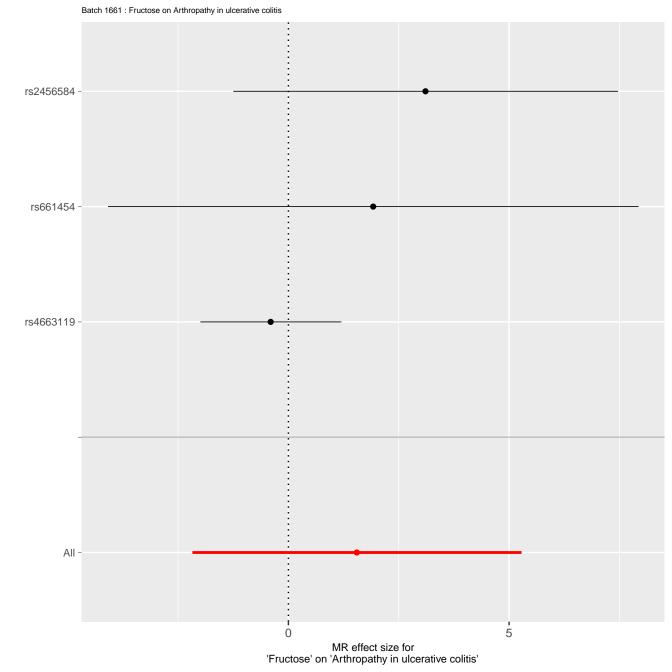


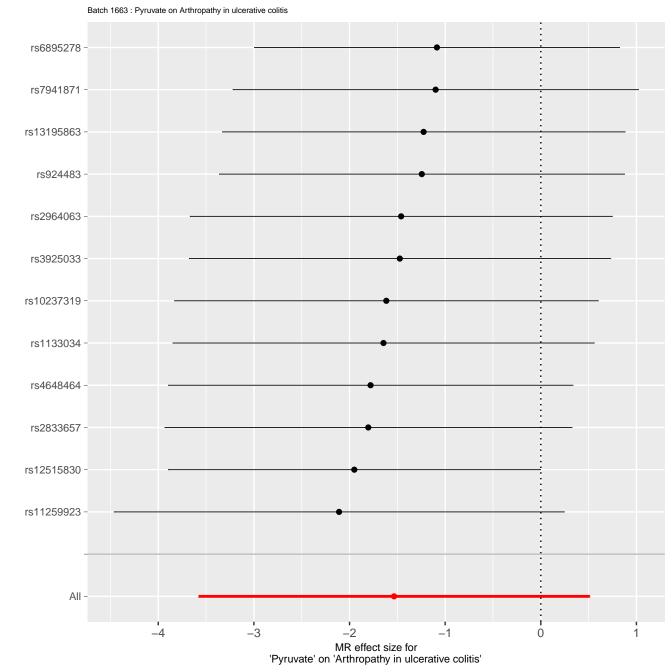


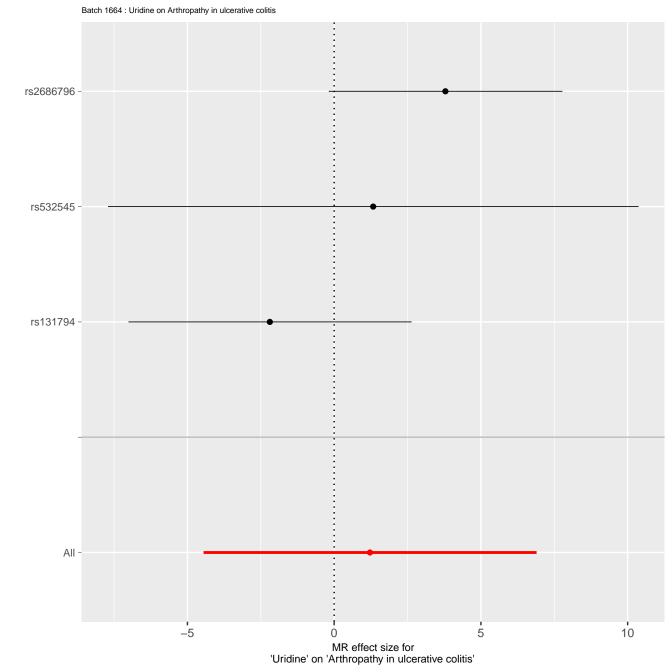


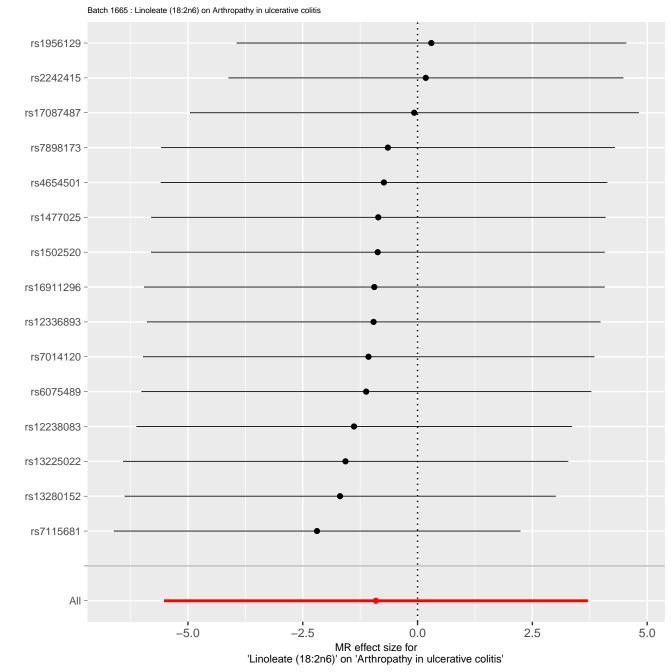


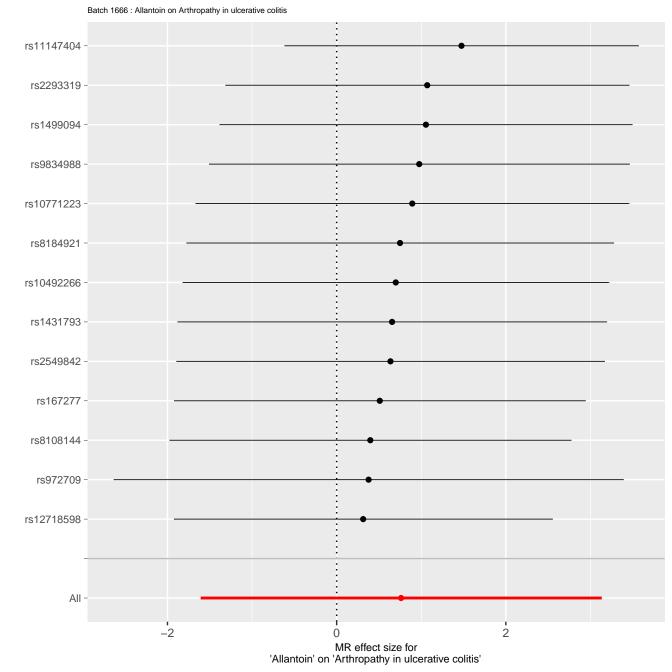


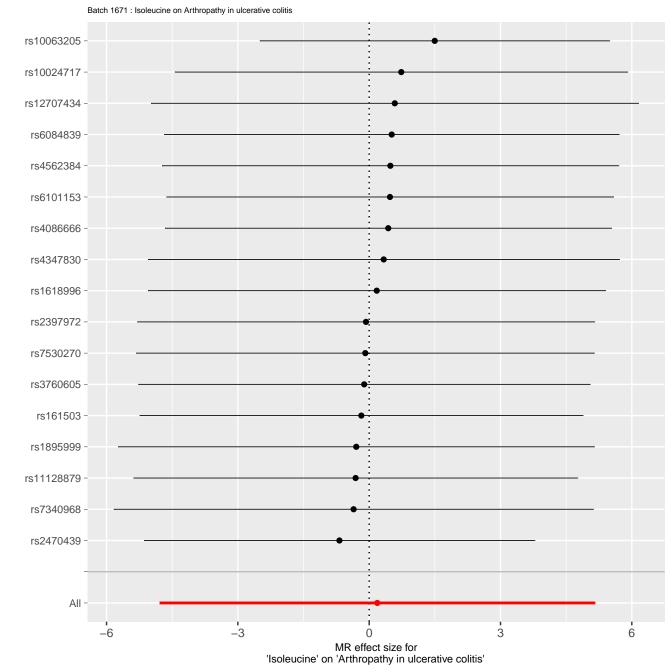


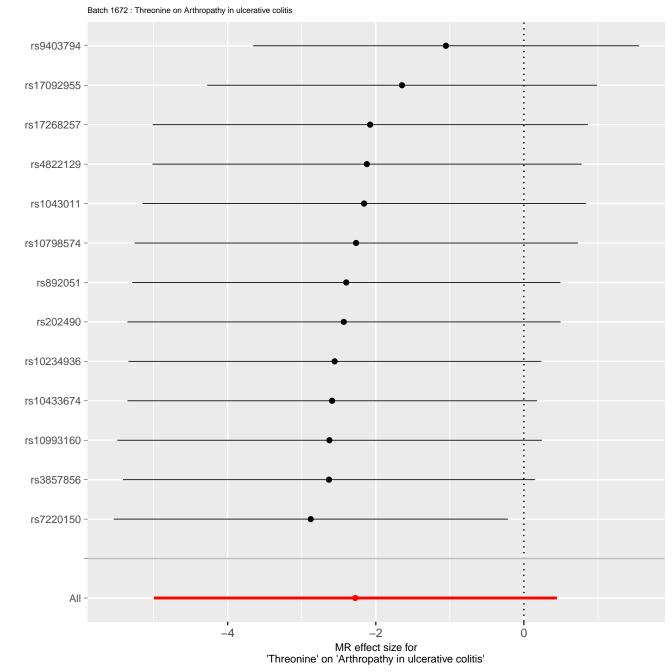


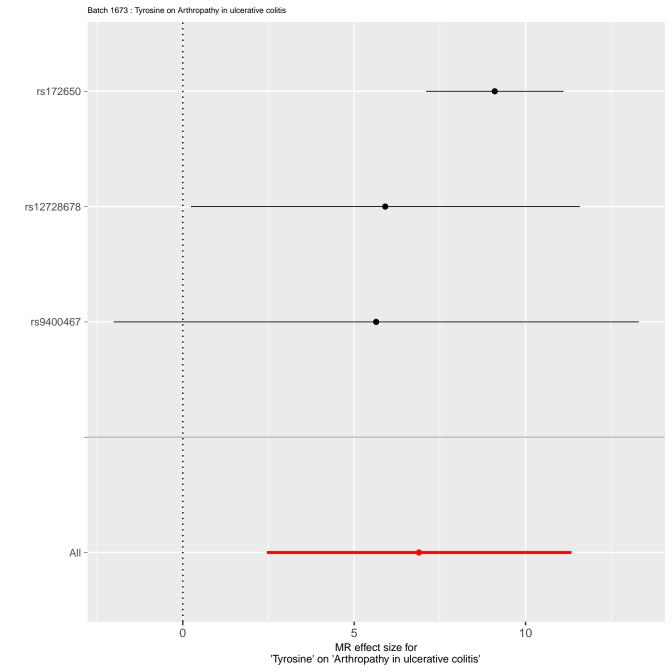


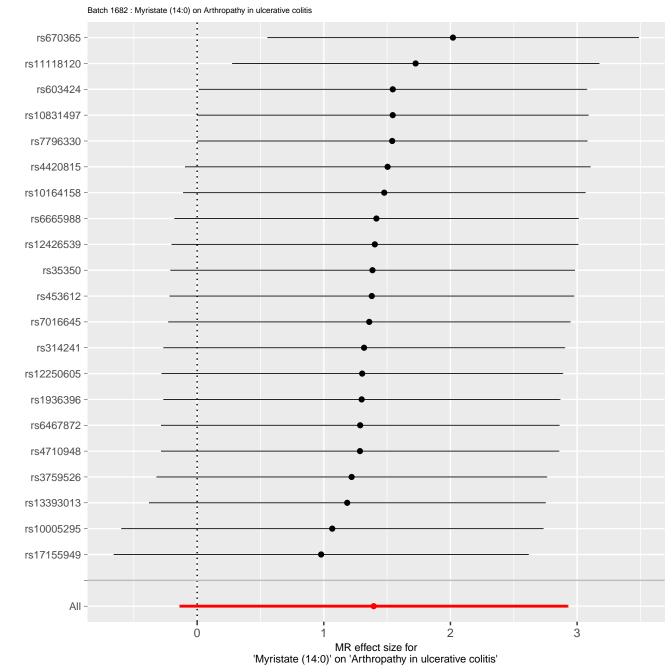


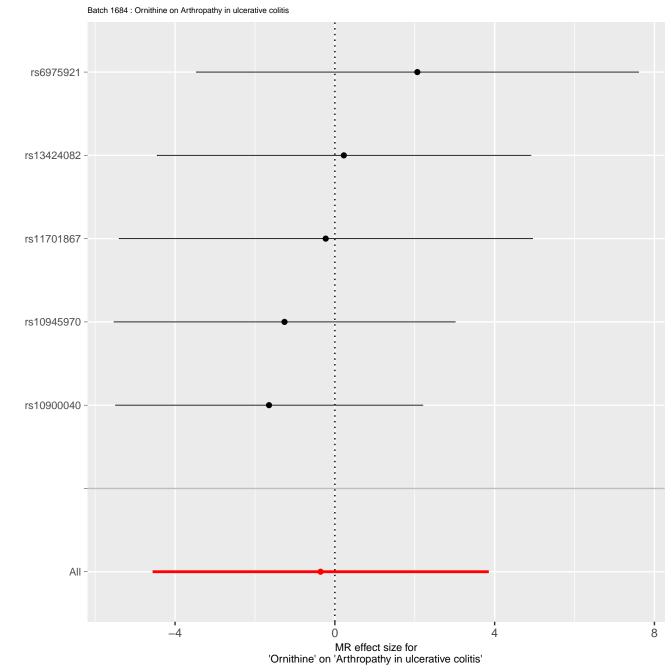


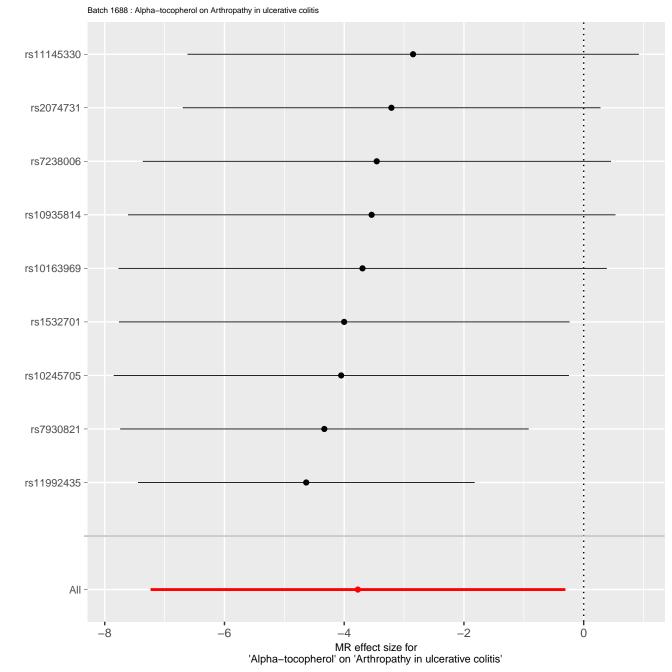


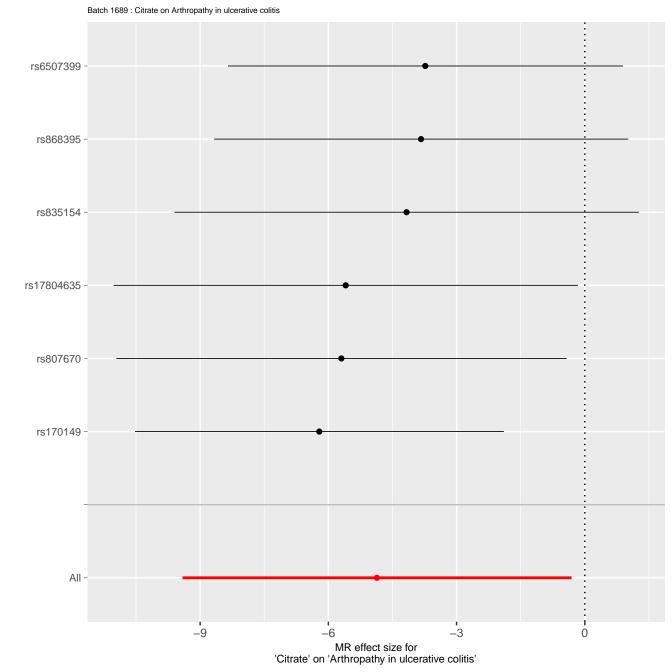


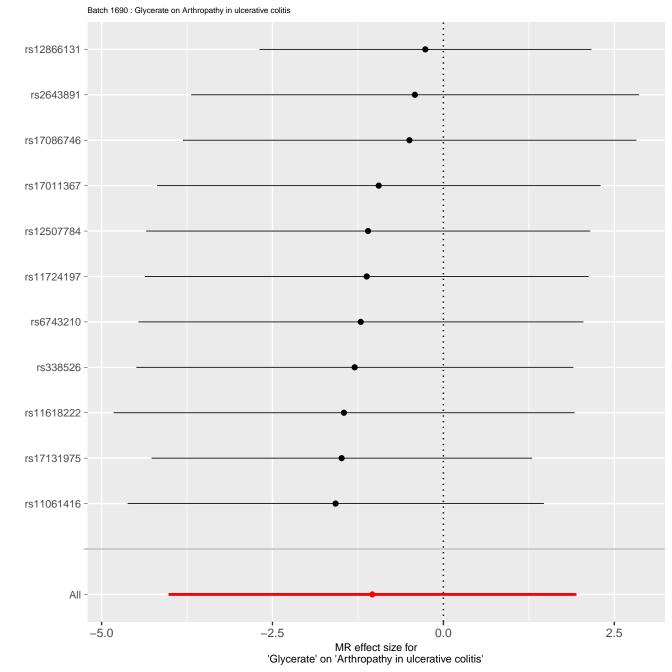


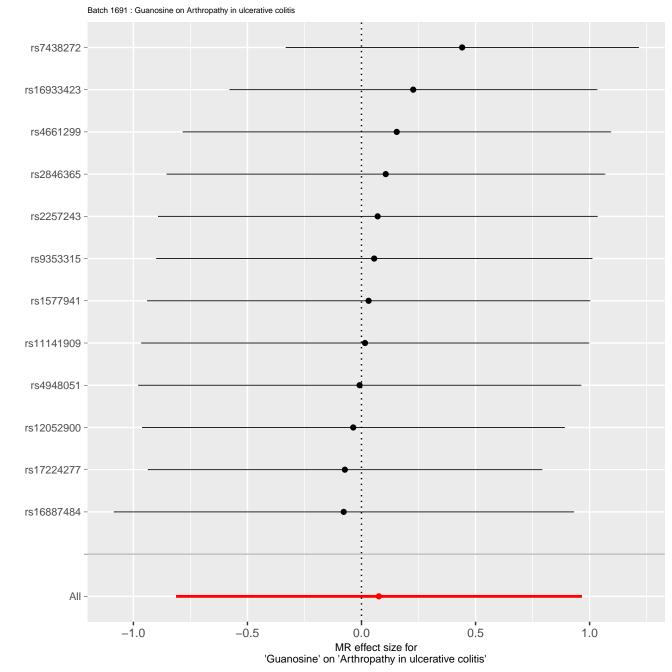


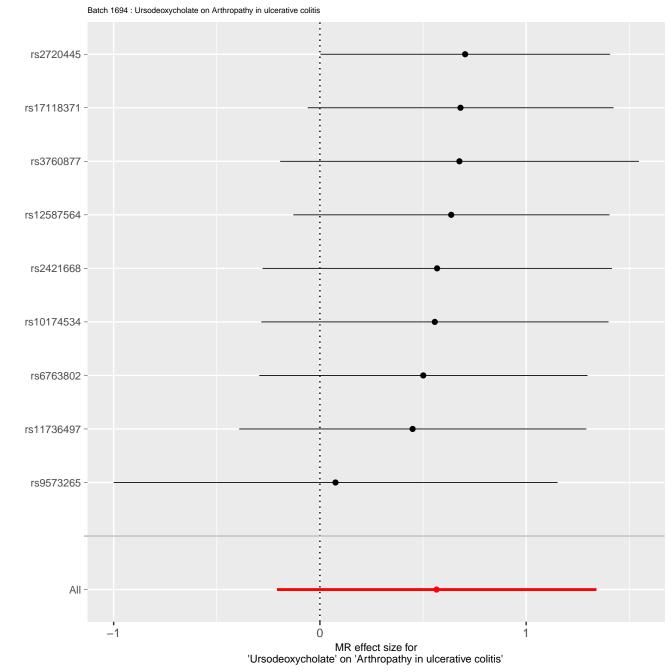


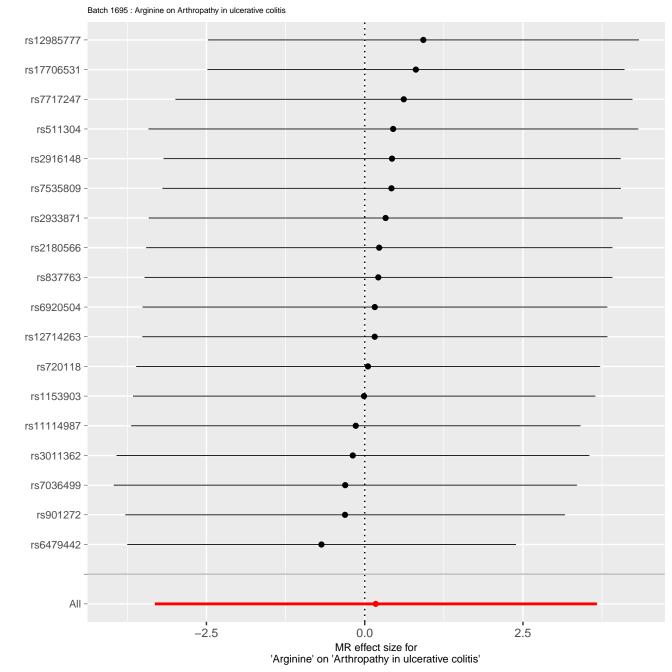


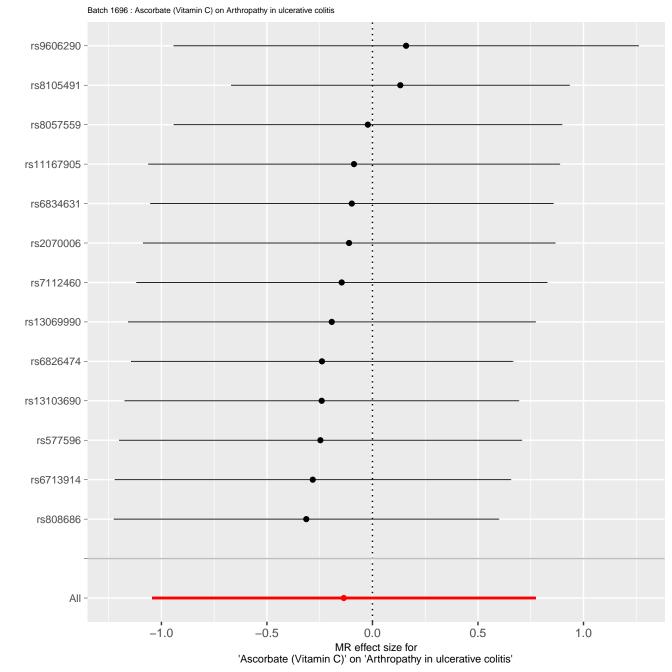


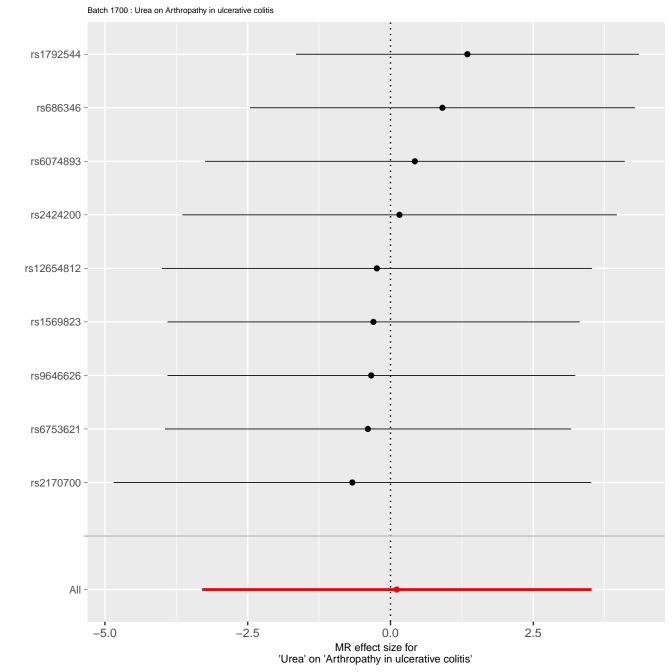


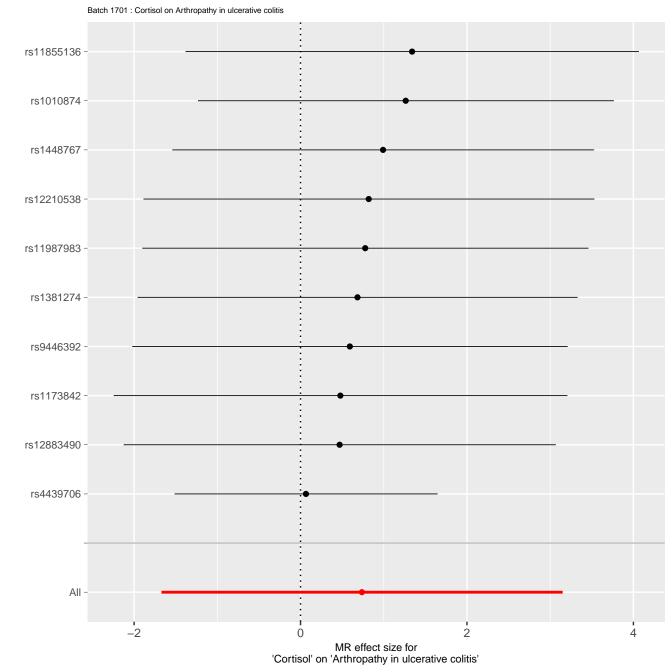


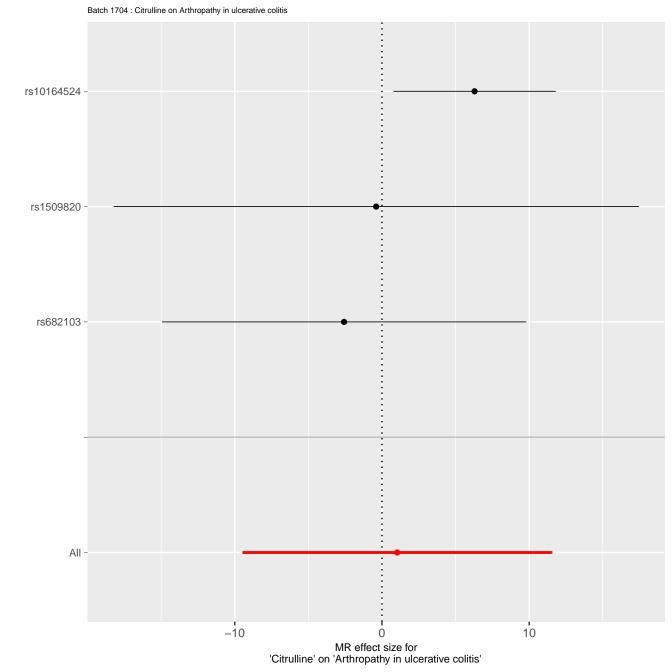


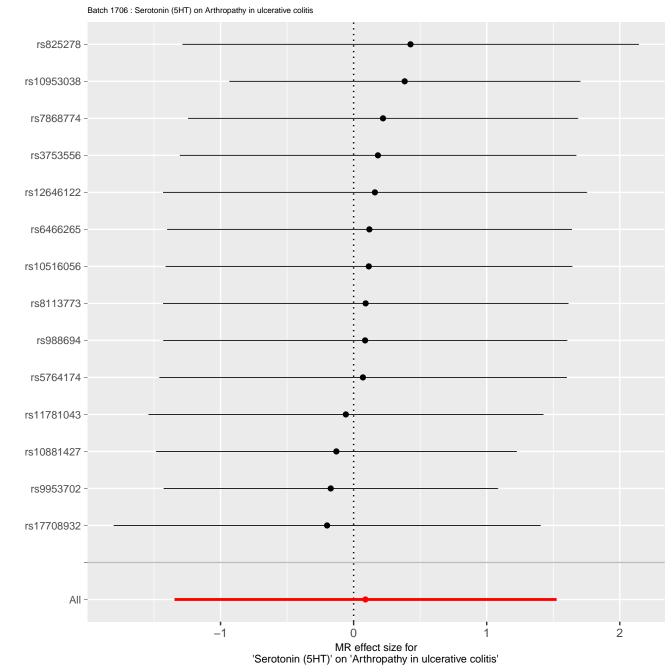


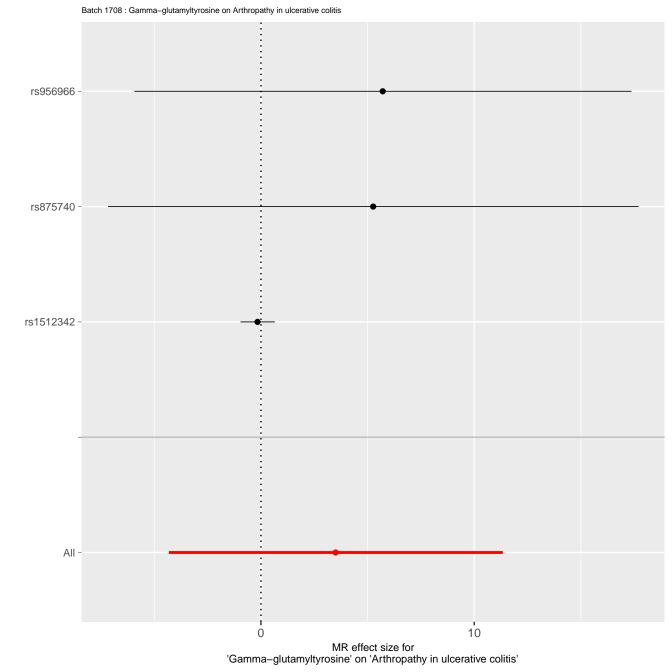


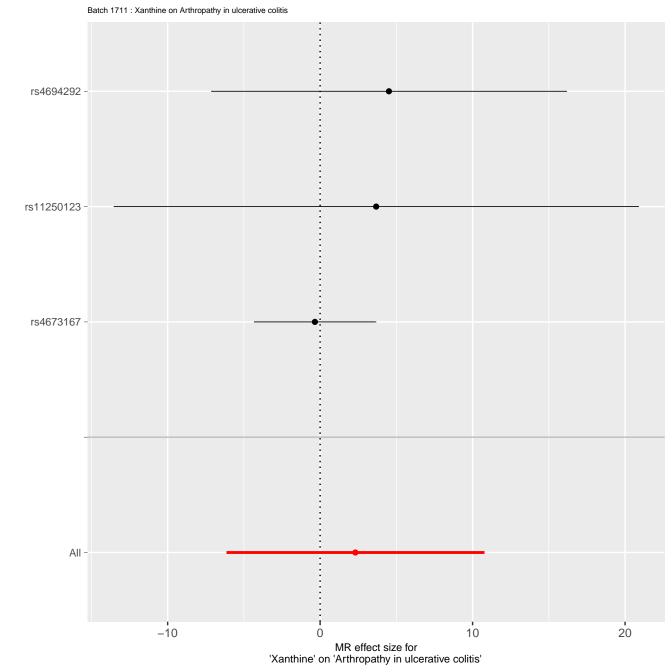


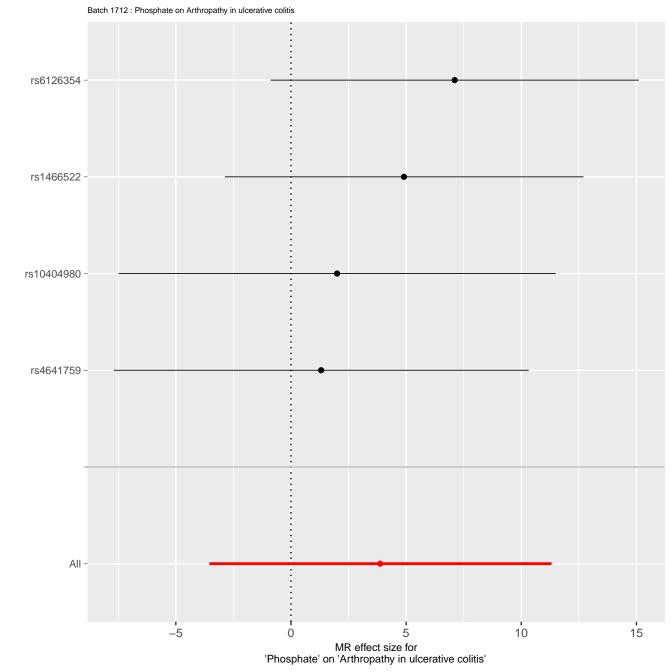


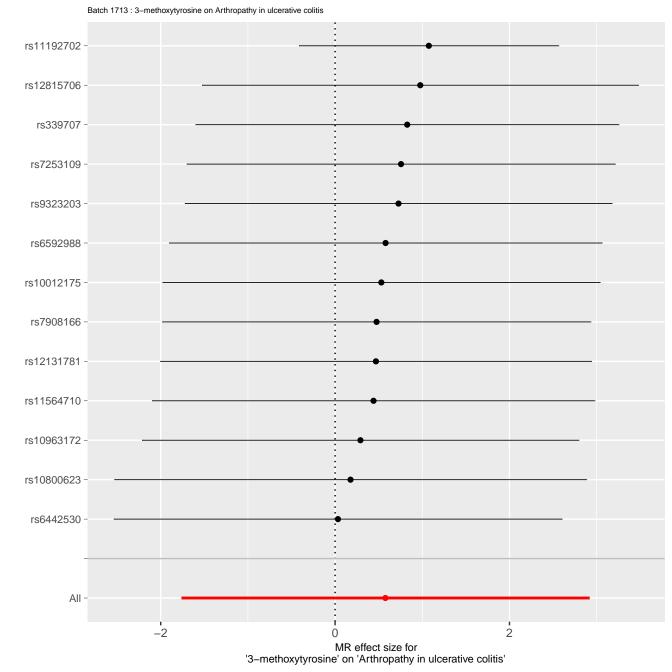


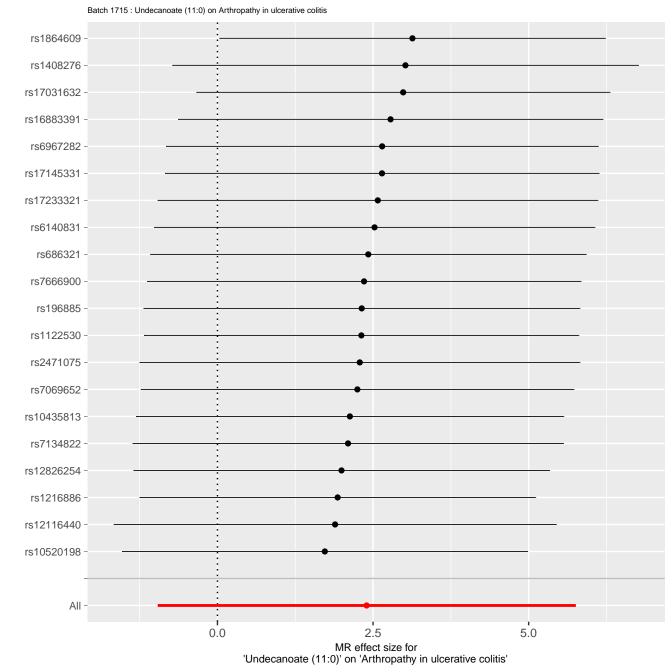


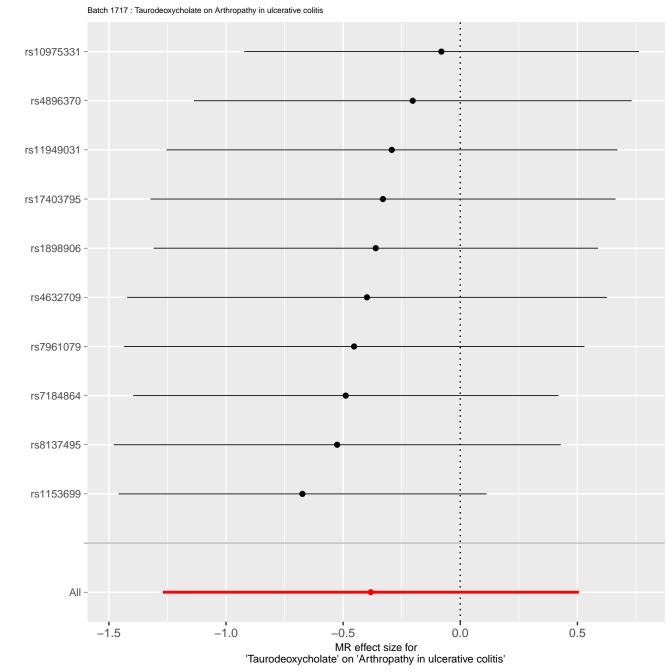


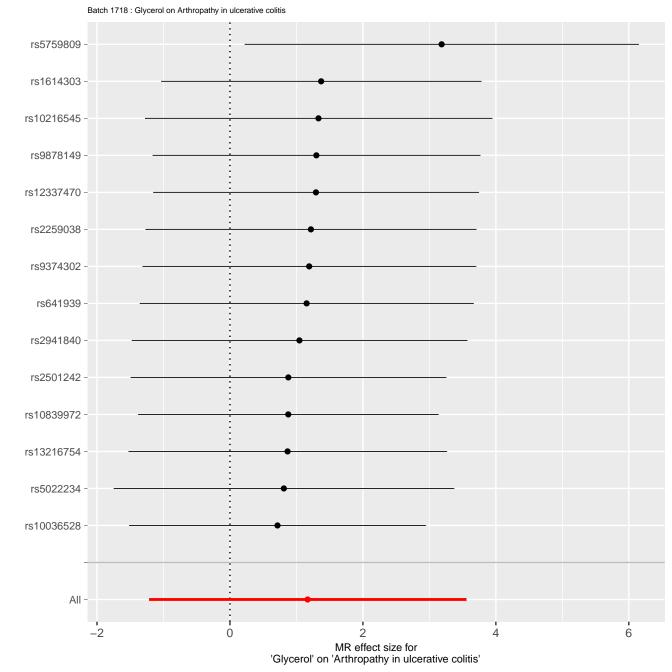


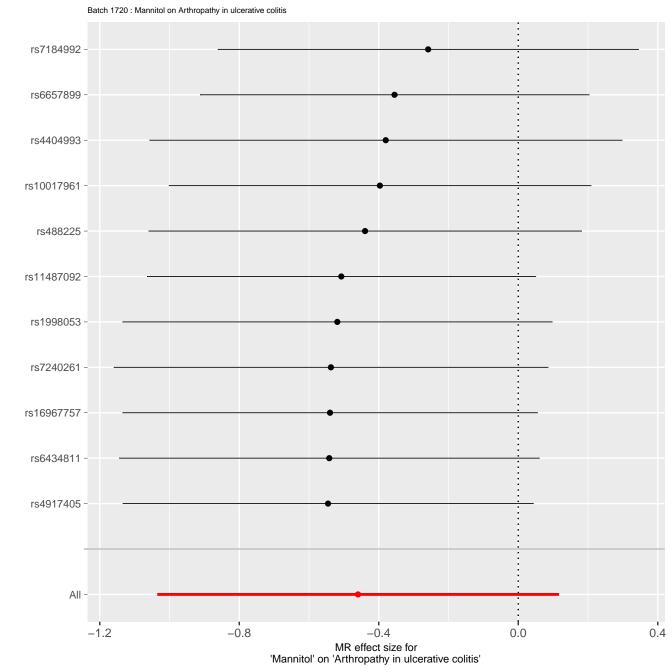


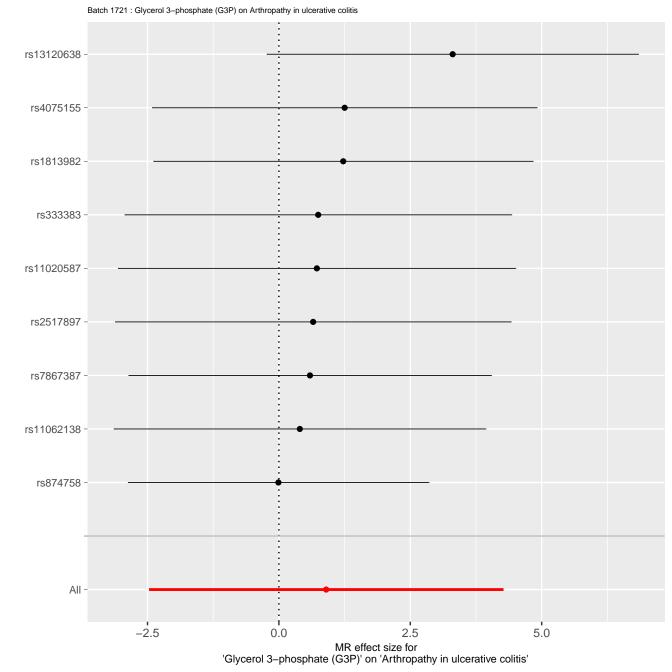


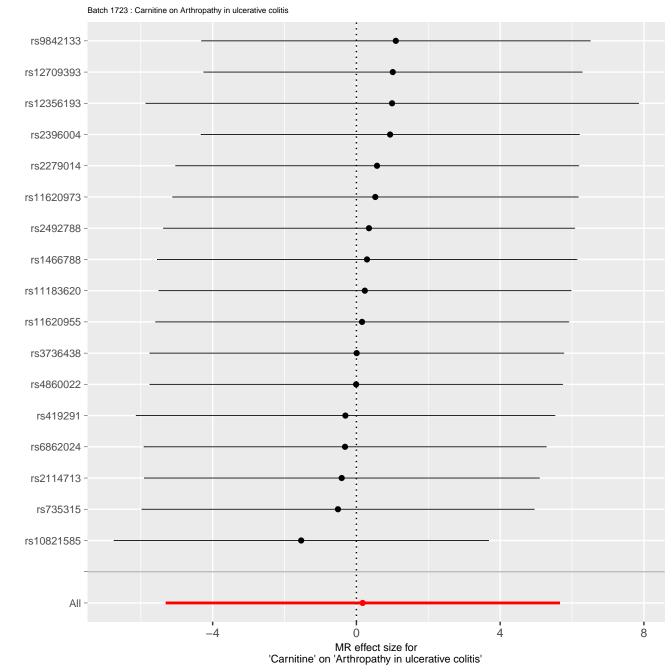


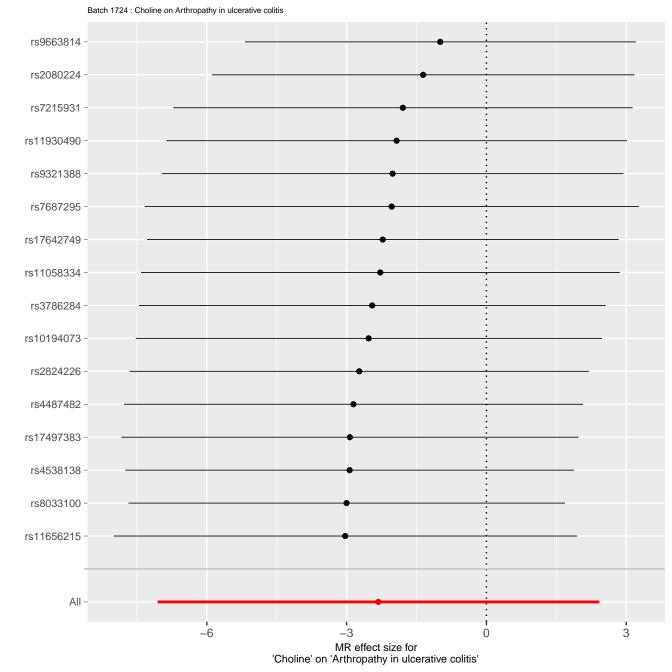


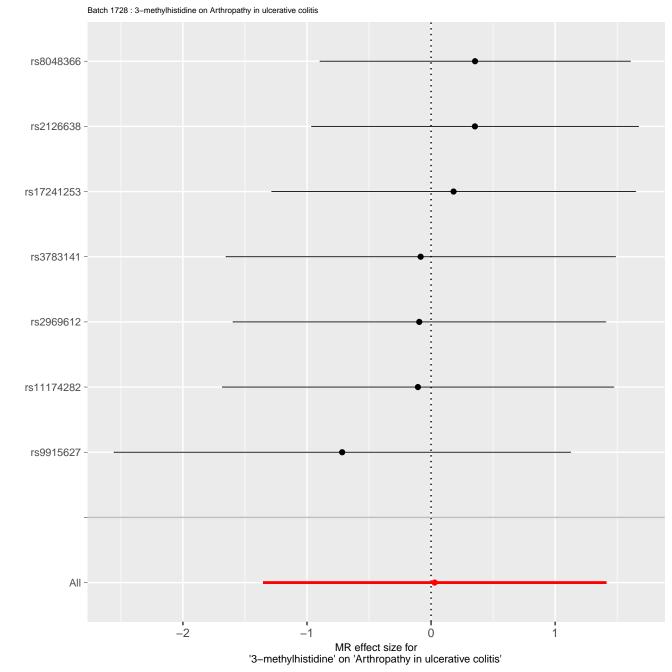


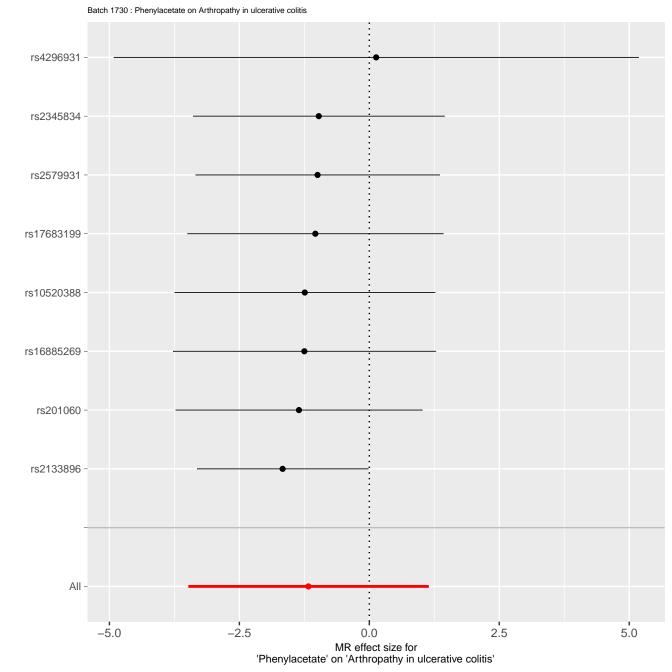


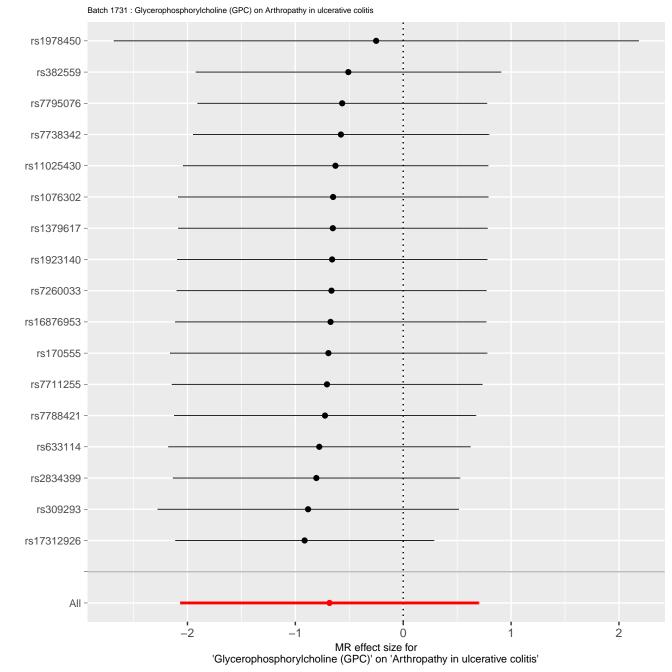


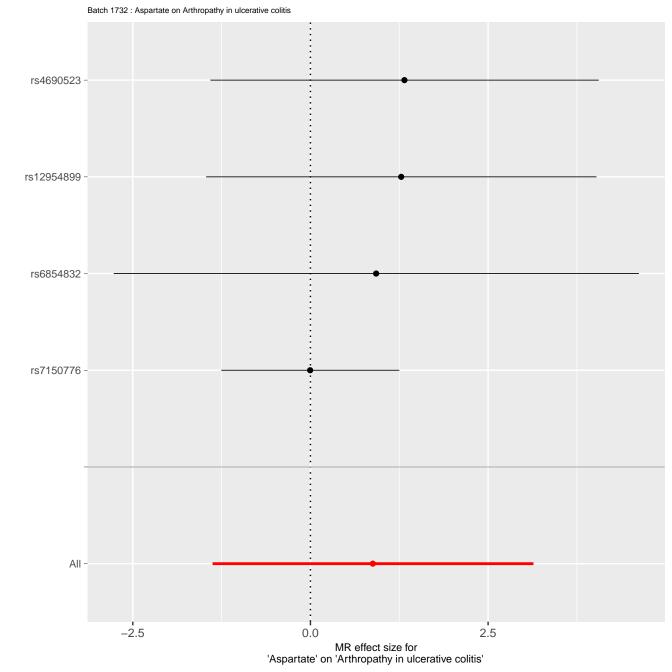


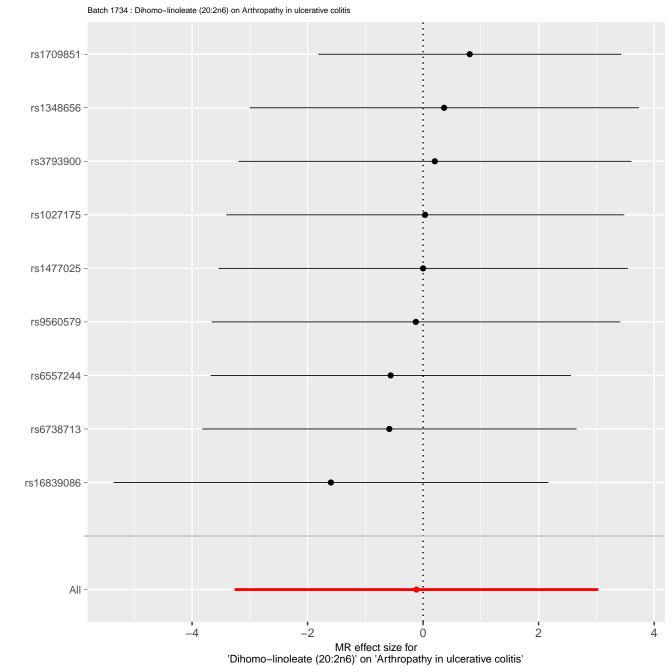


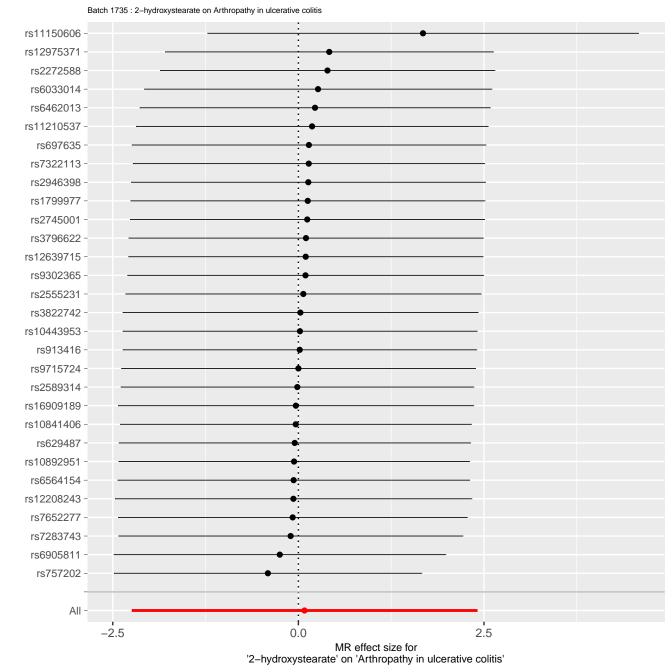


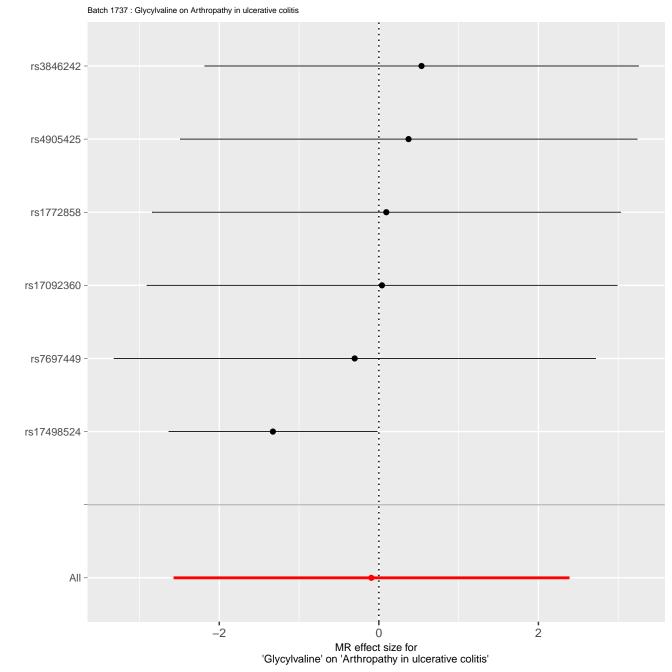


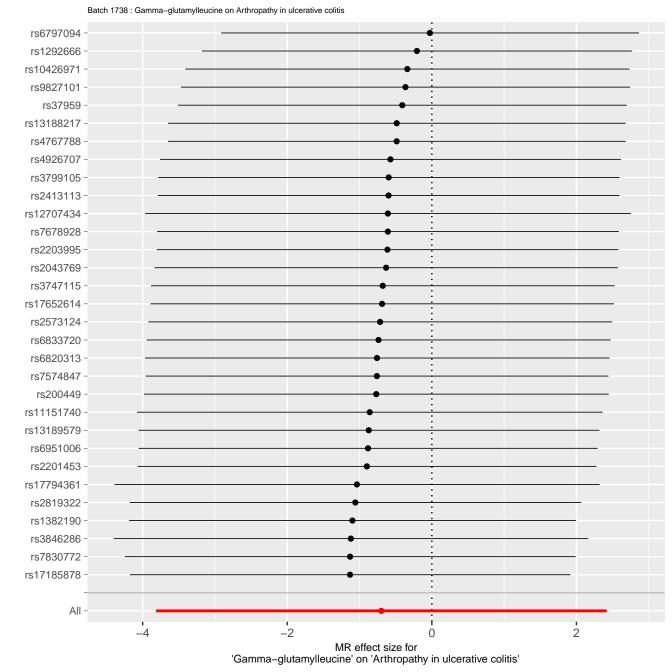


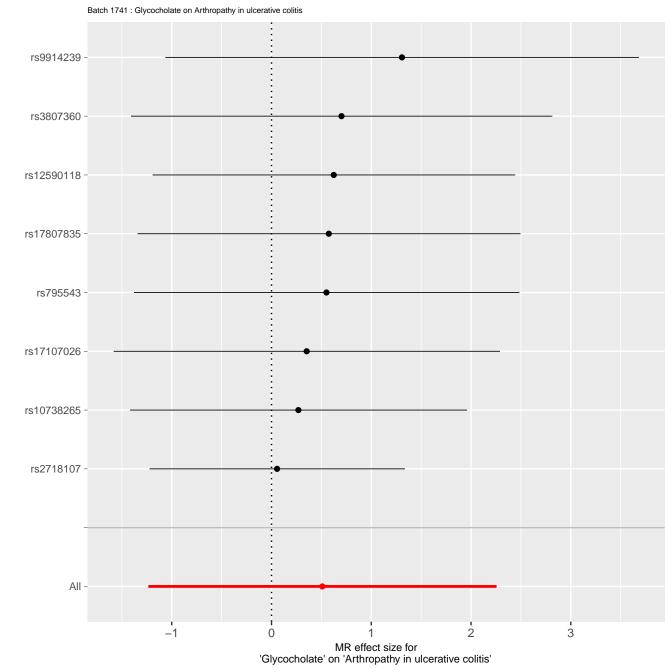


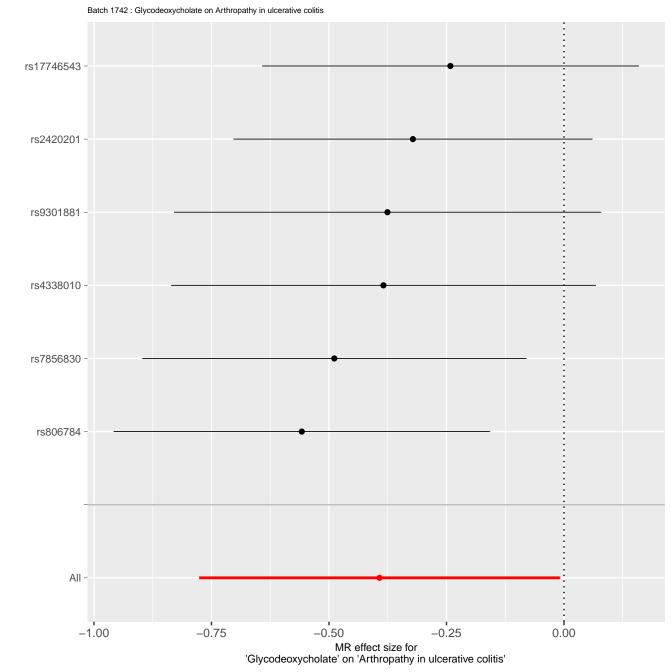


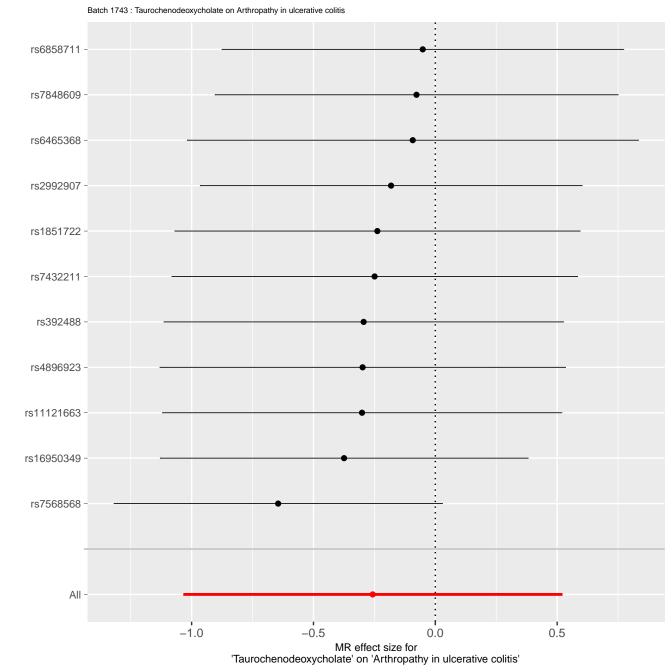


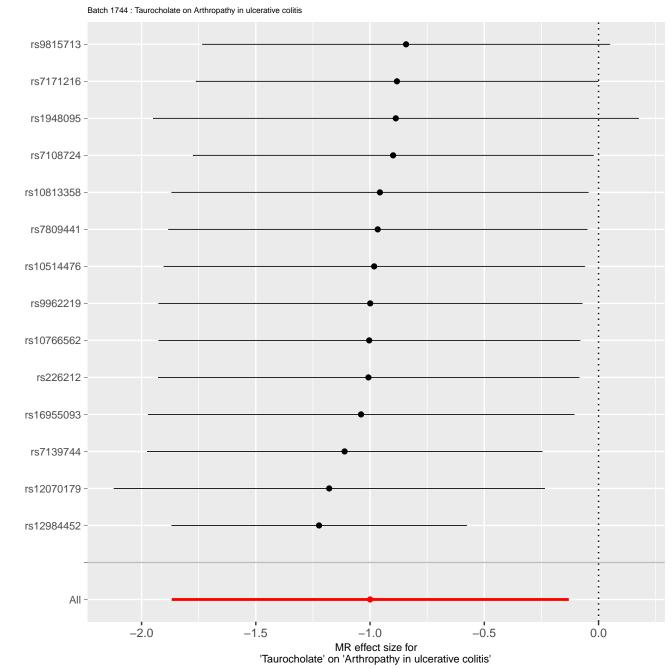


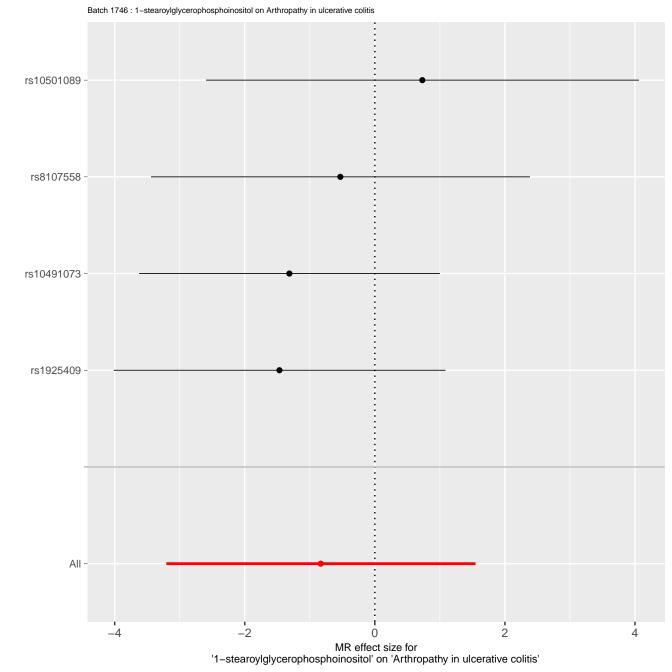


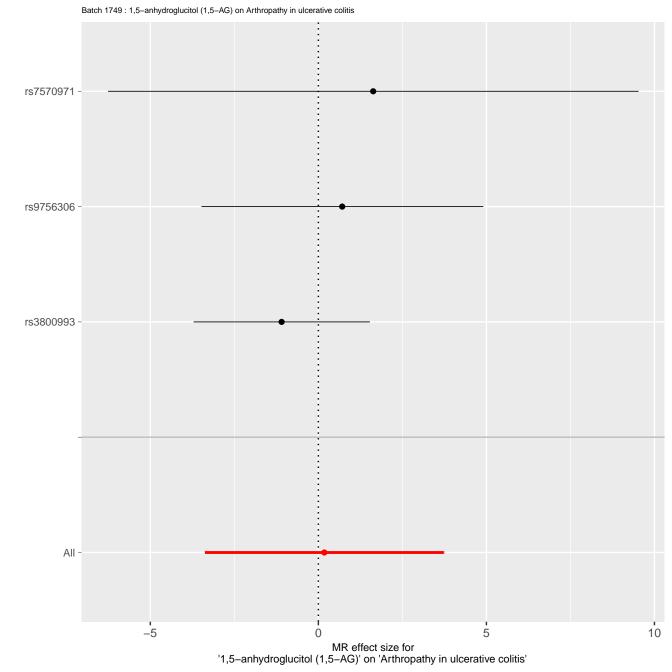


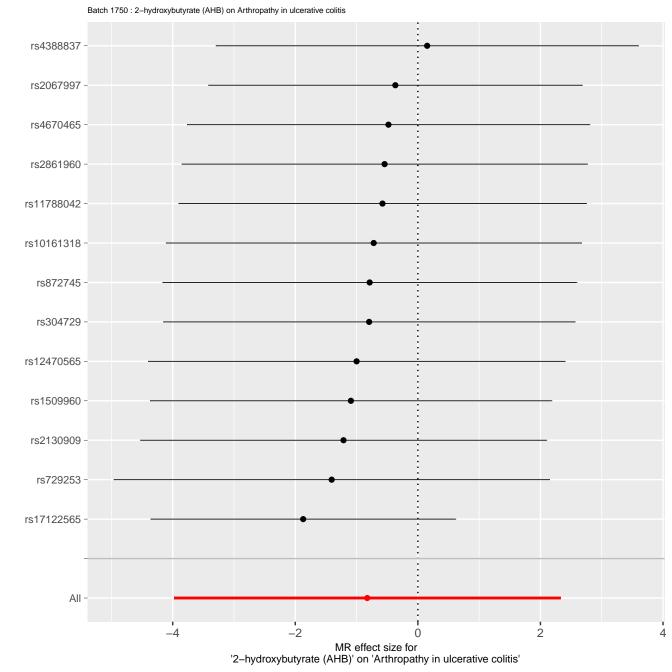


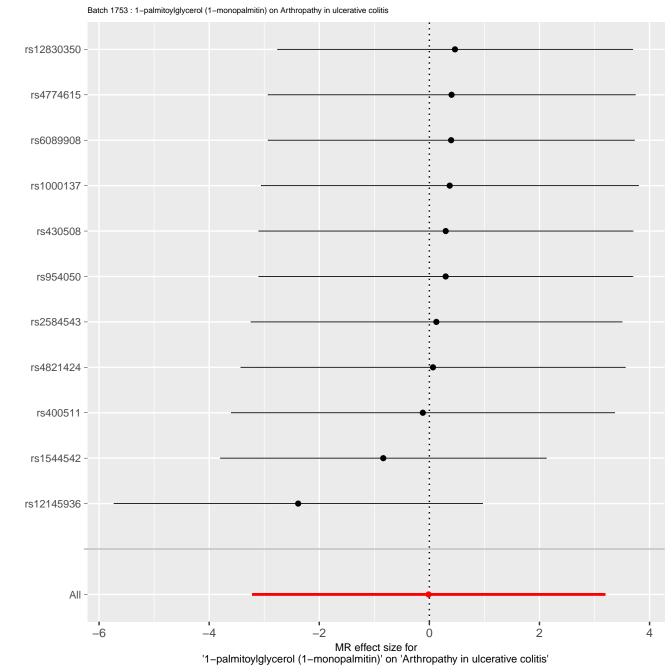


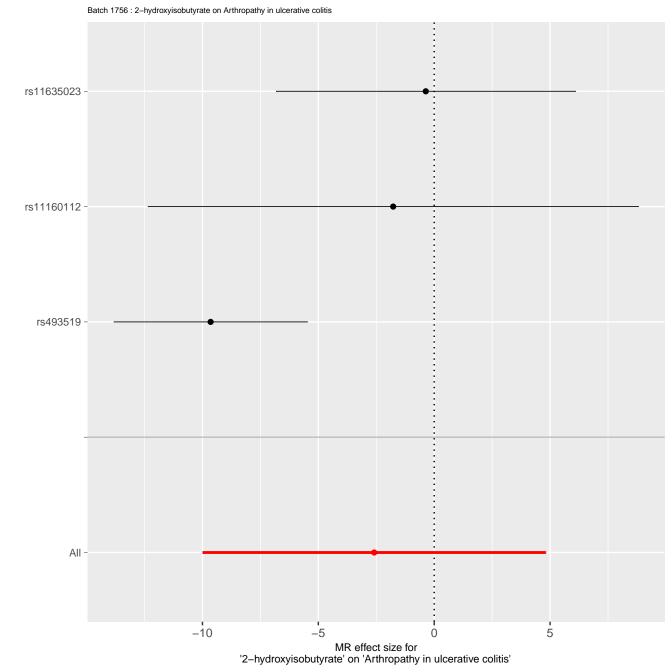


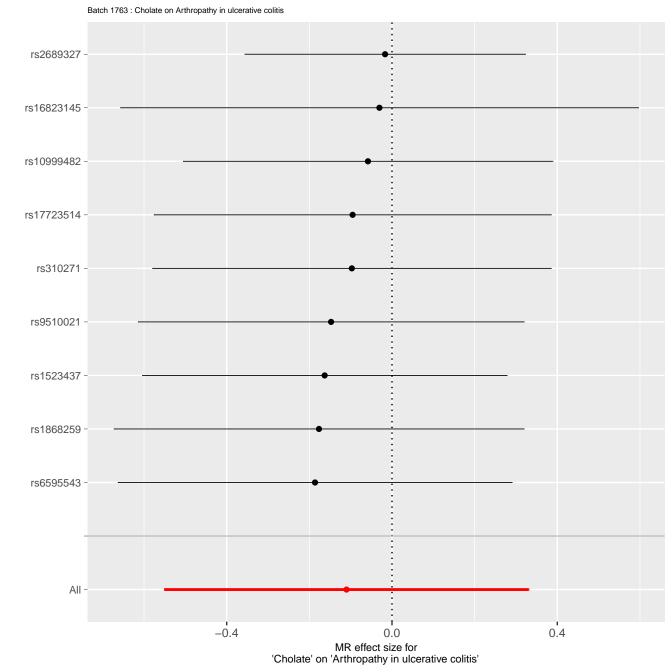


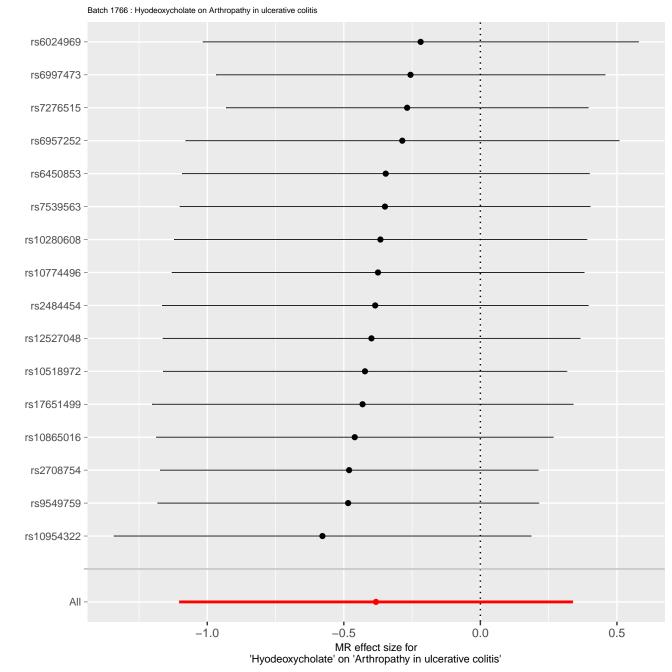


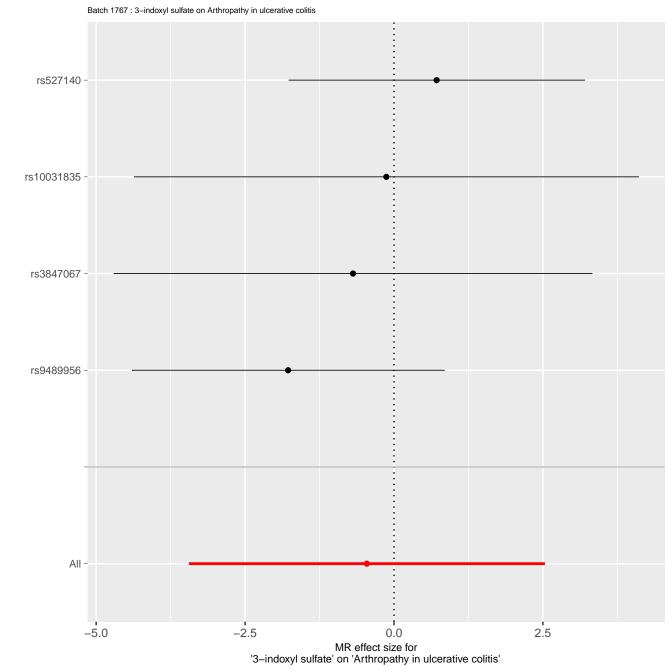


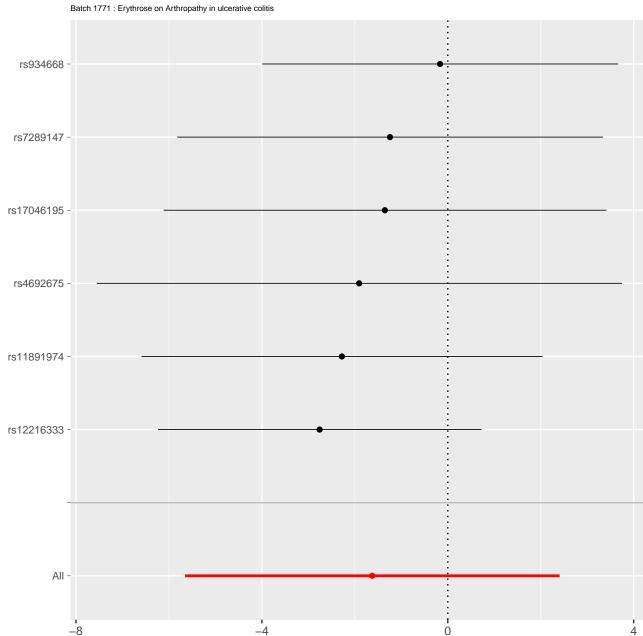






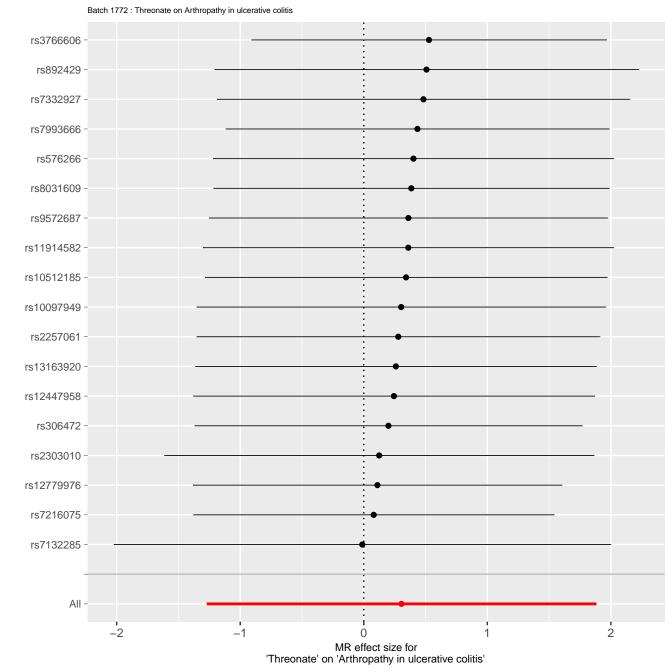


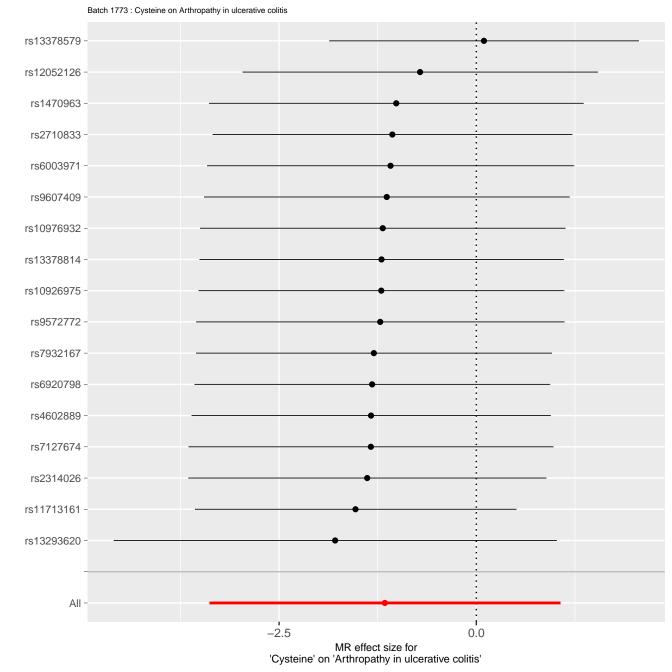


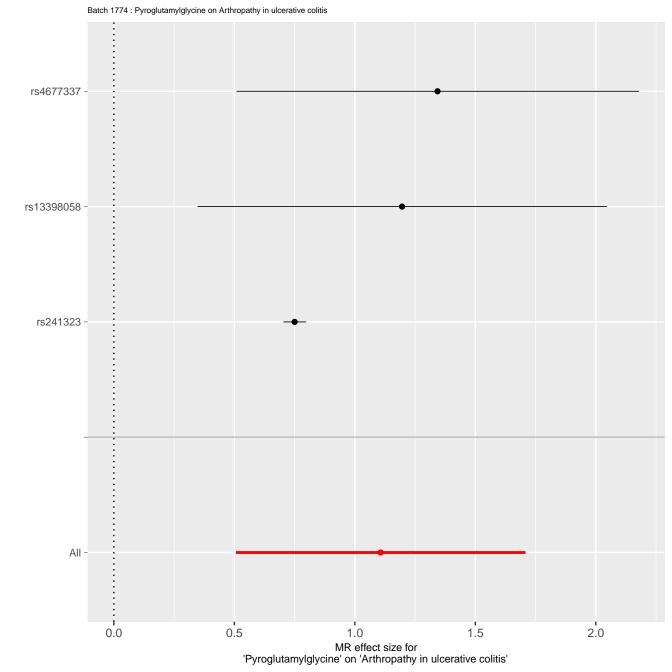


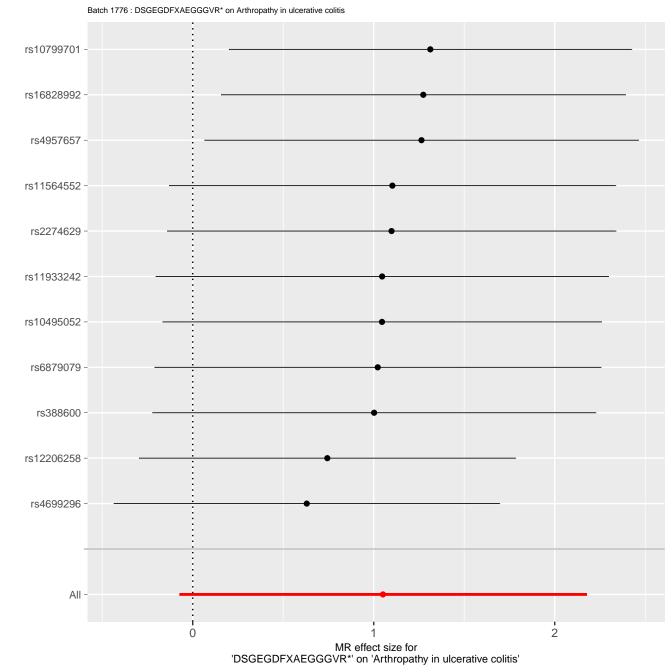
'Erythrose' on 'Arthropathy in ulcerative colitis'

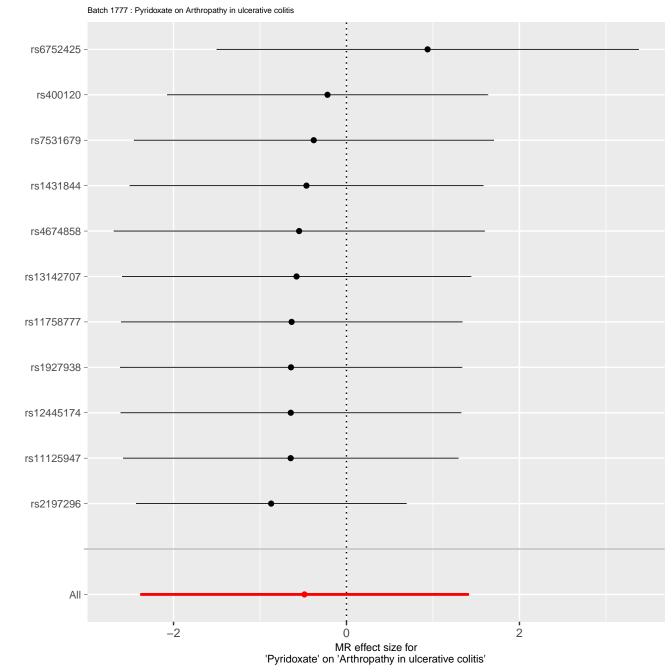
MR effect size for

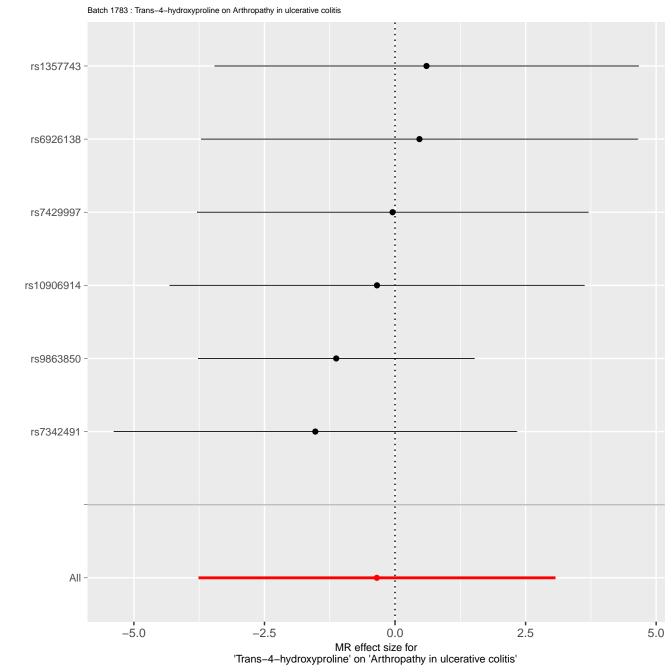


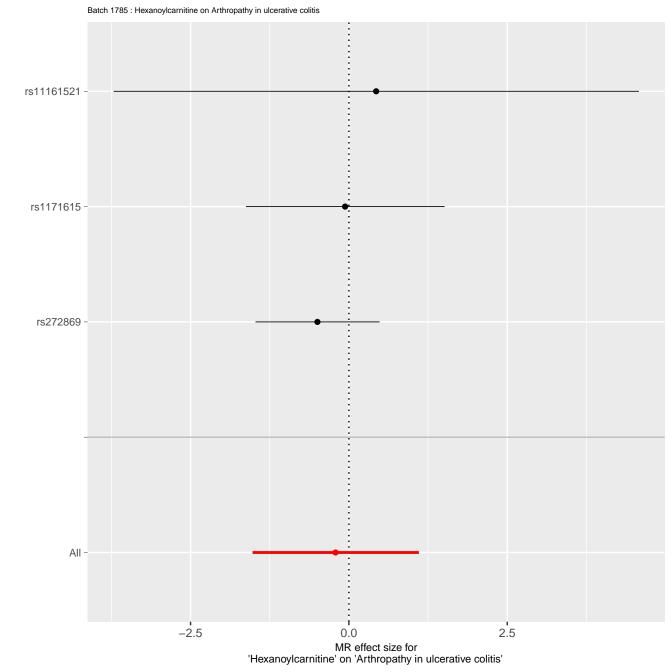


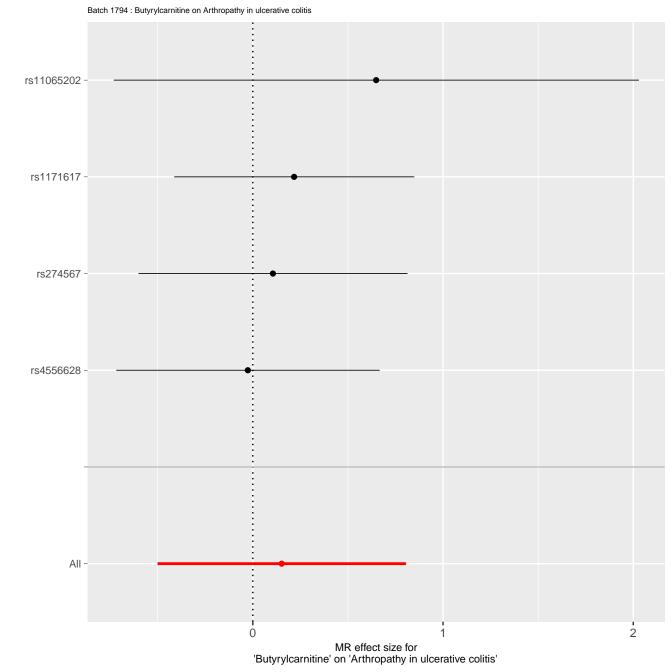


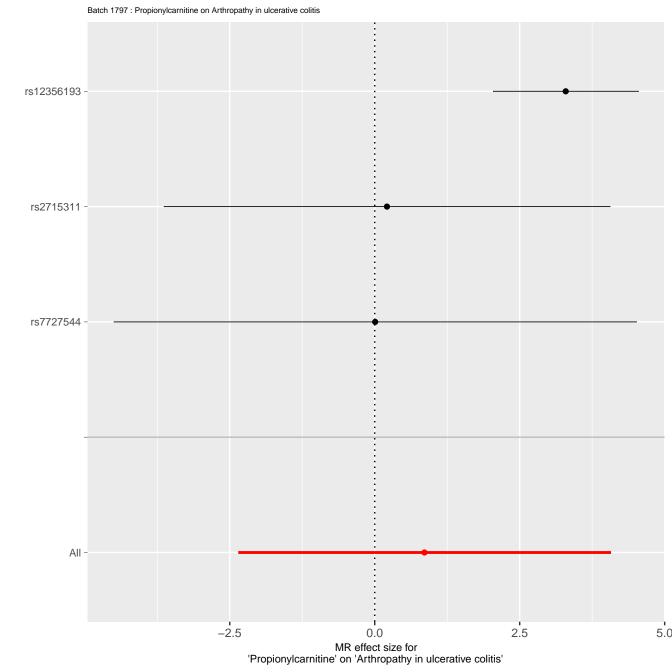






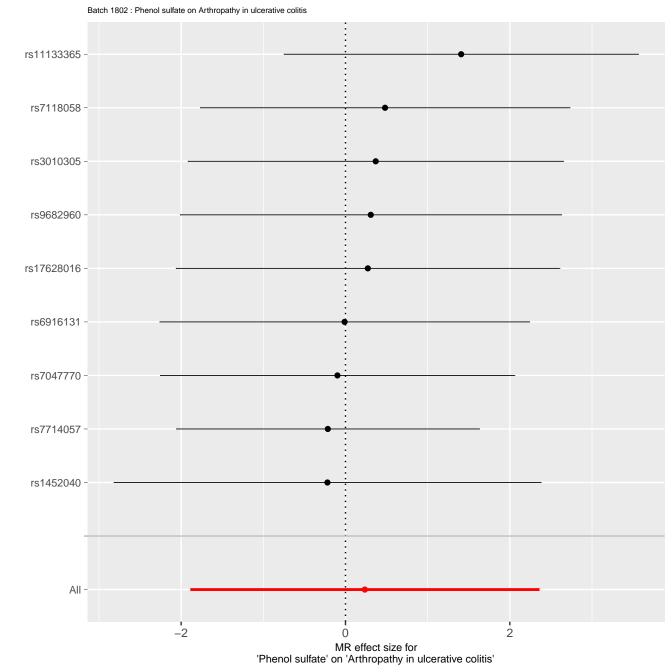


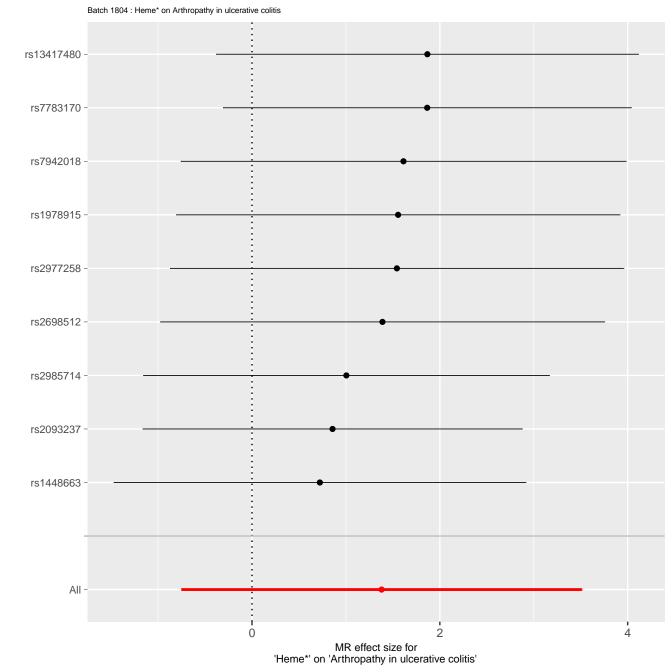


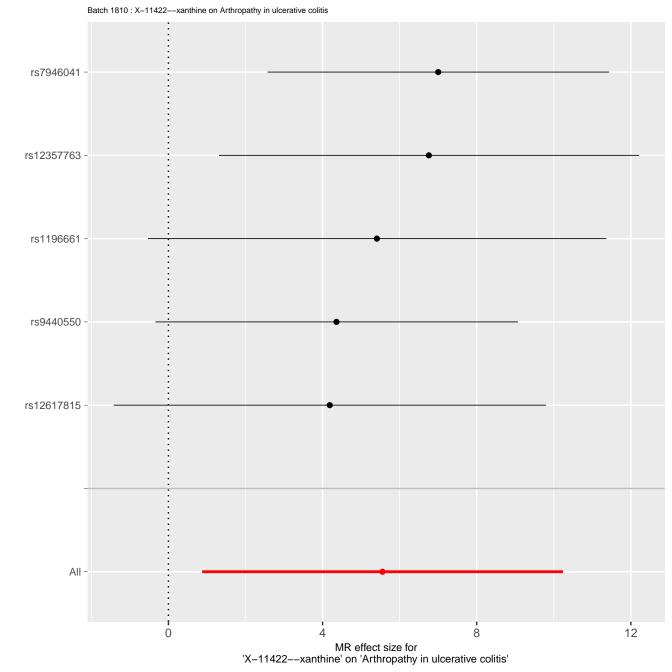


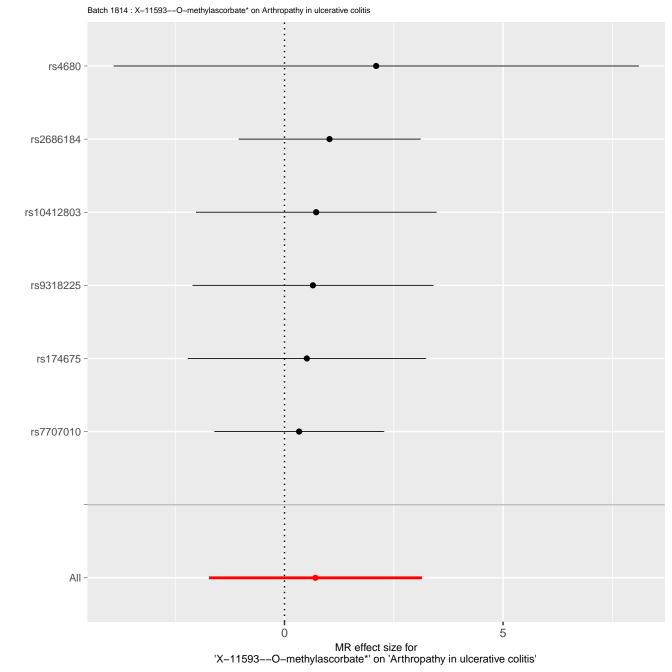
Batch 1798: Caproate (6:0) on Arthropathy in ulcerative colitis rs331721 rs1293768 rs1250171 rs6494904 rs11933479 rs1360501 rs16832822 rs1413536 rs1054053 rs2467041 rs4520471 rs11895467 rs12358575 rs2325358 rs12582988 rs1333190 rs4704495 rs2846444 rs6925339 rs6813957 rs2467261 rs8087127 rs1023115 rs10505065 rs6498908 rs6711493 rs7617041 rs2103340 rs10011590 rs13083714 -All -2 0 MR effect size for

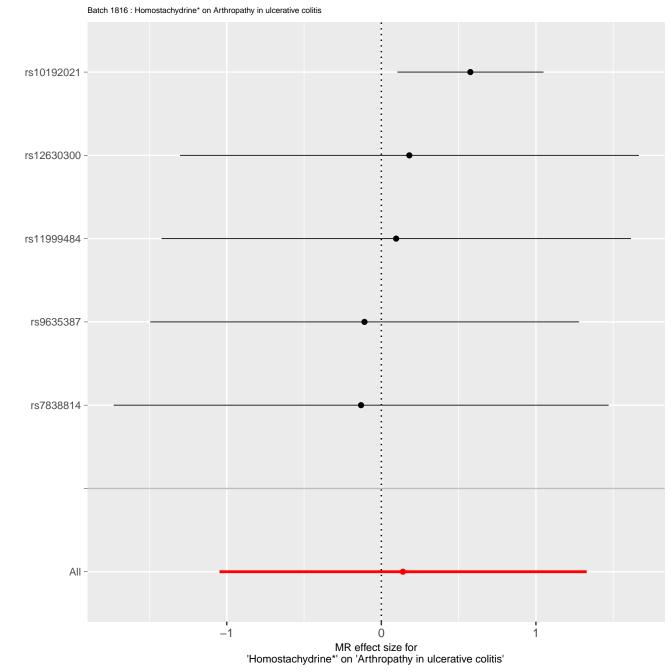
'Caproate (6:0)' on 'Arthropathy in ulcerative colitis'

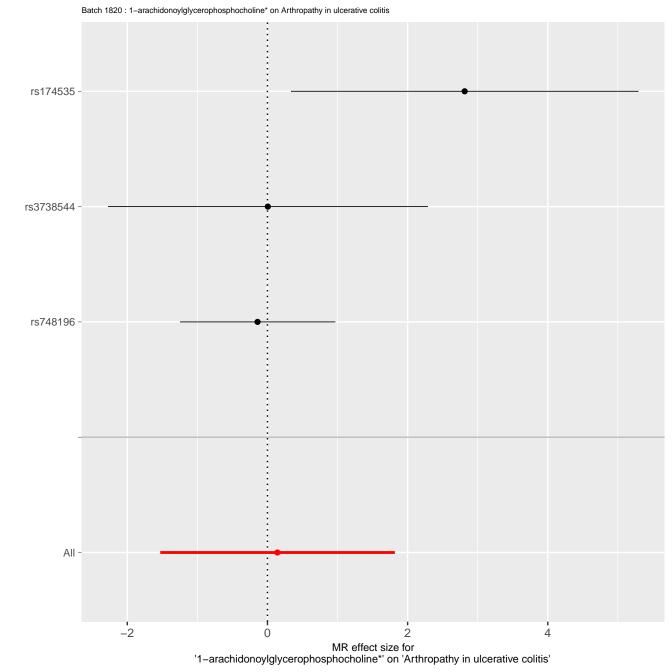


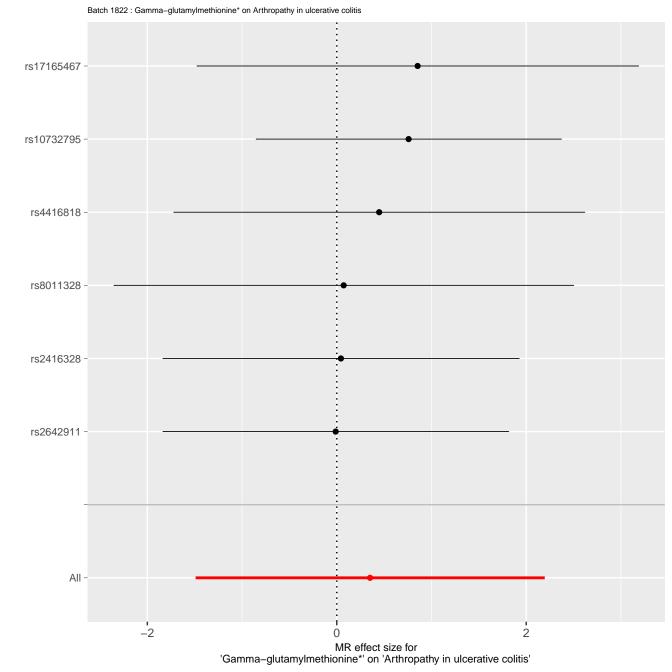


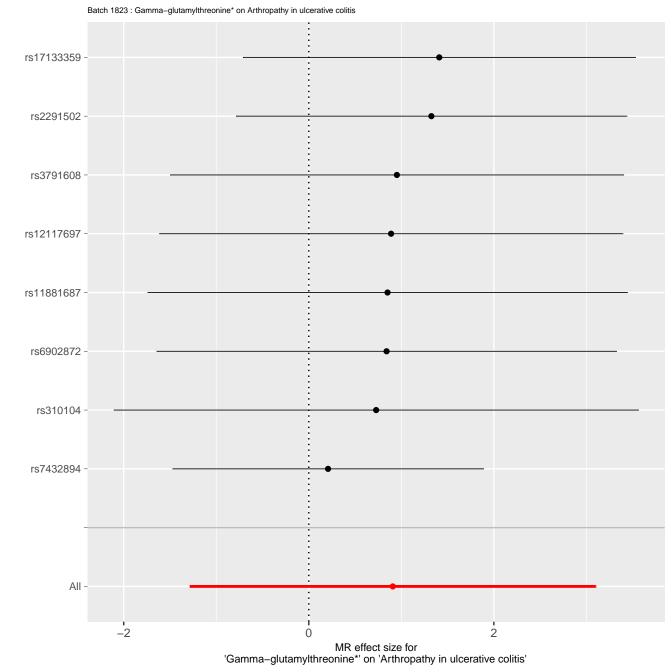


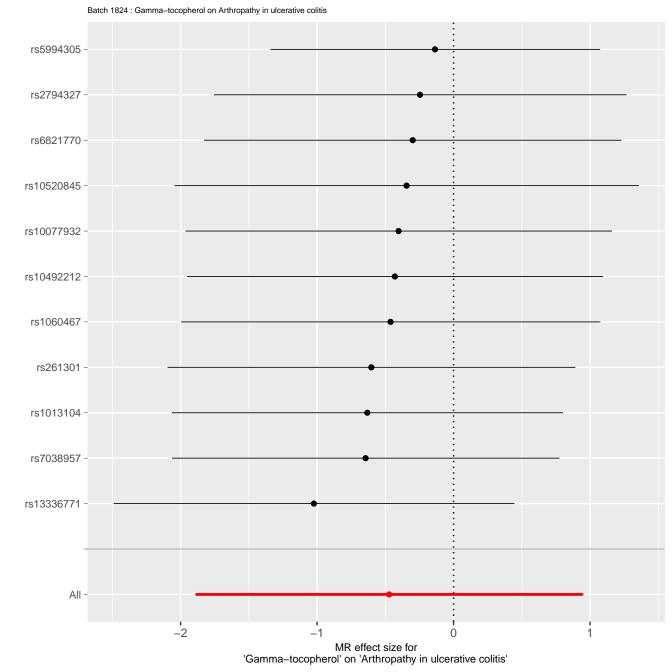








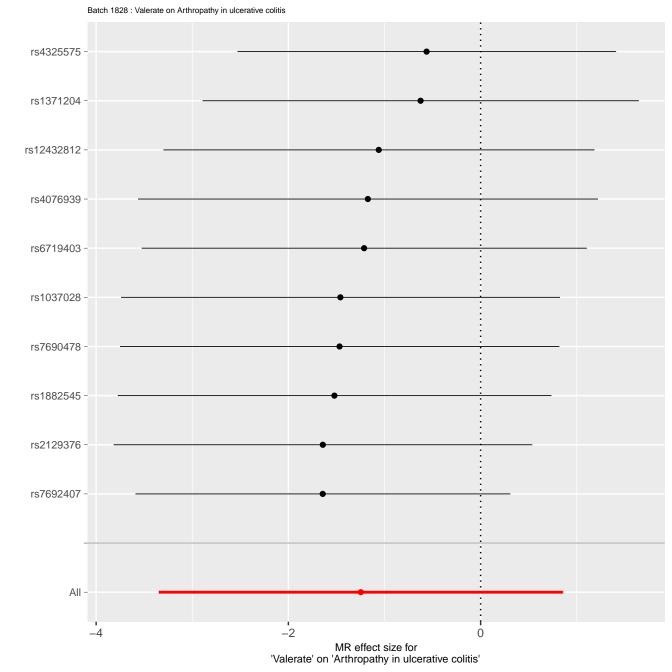


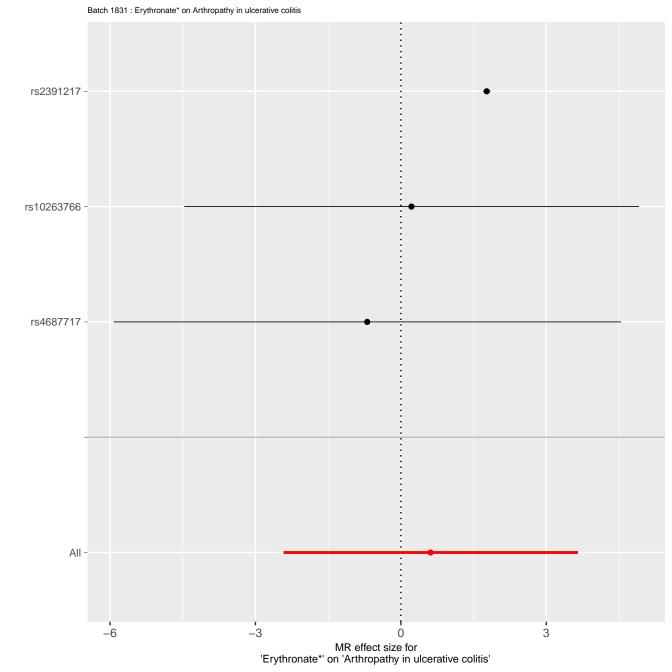


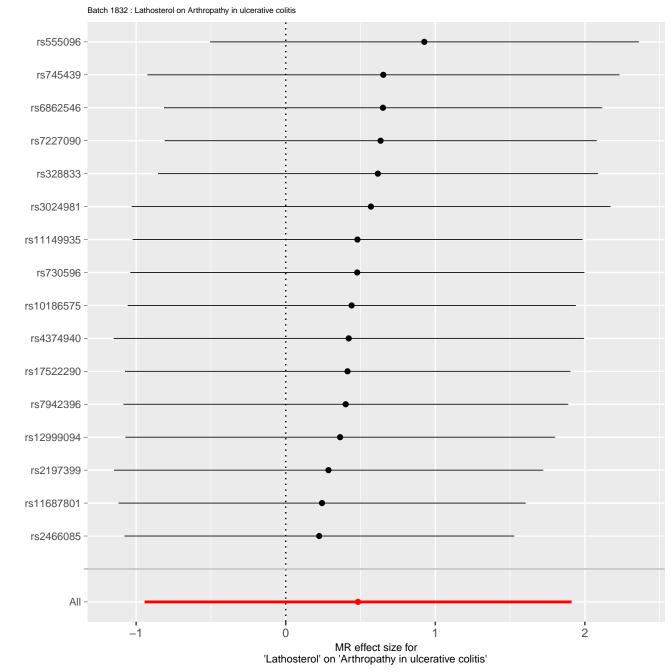
rs9633478 rs12197031 rs2520361 rs9500927 rs1051331 rs3853497 rs2465657 rs4697477 rs2209196 rs7939695 rs4707716 rs5749010 rs17318174 rs9540840 rs11047762 rs5761606 rs6434188 rs12041762 rs8026775 rs13157599 rs11617124 rs7090877 rs6543592 rs4129608 -All --2.5 -5.0 2.5 0.0 MR effect size for

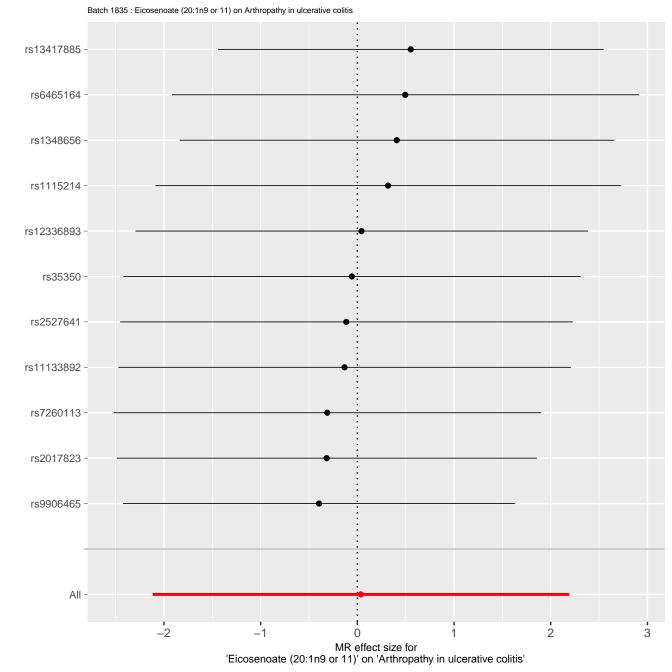
'Pseudouridine' on 'Arthropathy in ulcerative colitis'

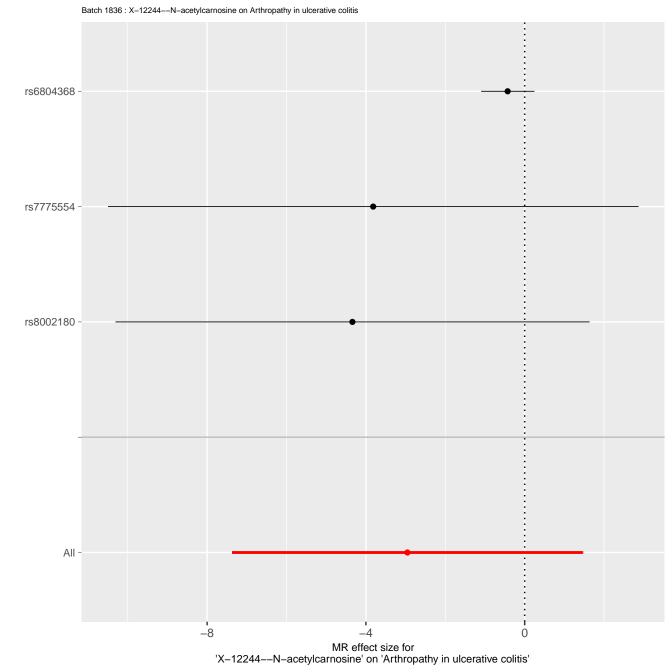
Batch 1827: Pseudouridine on Arthropathy in ulcerative colitis

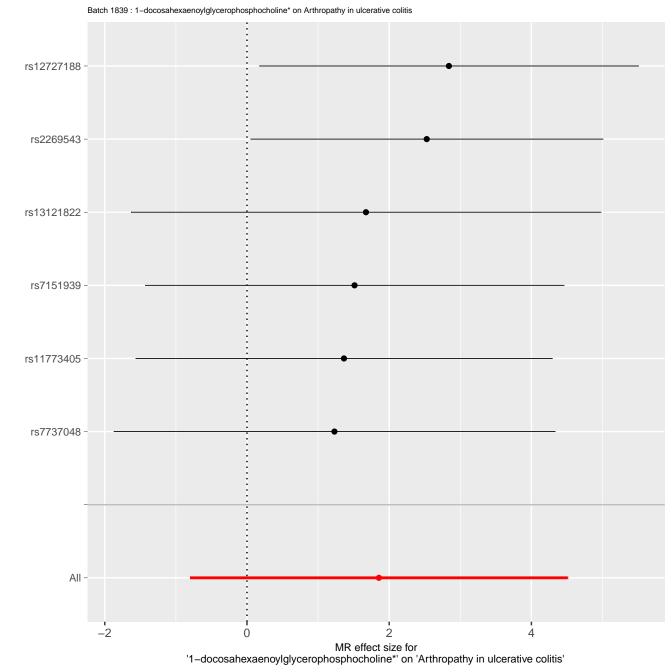


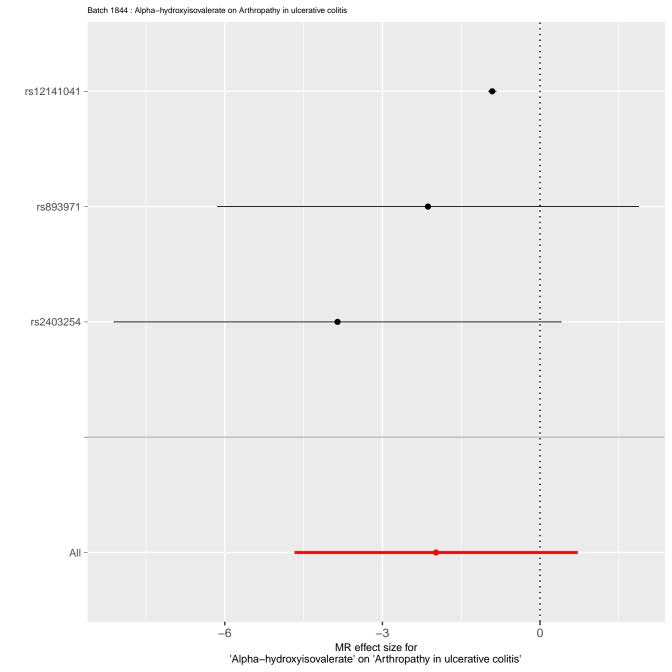


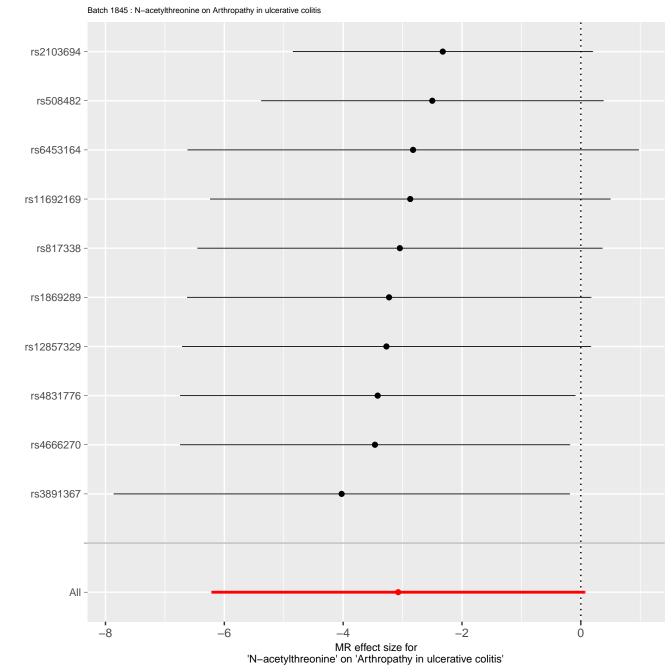


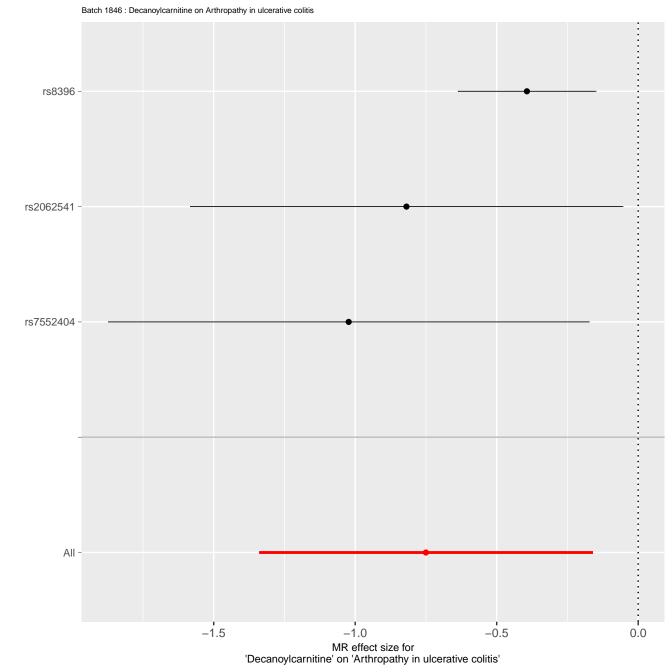


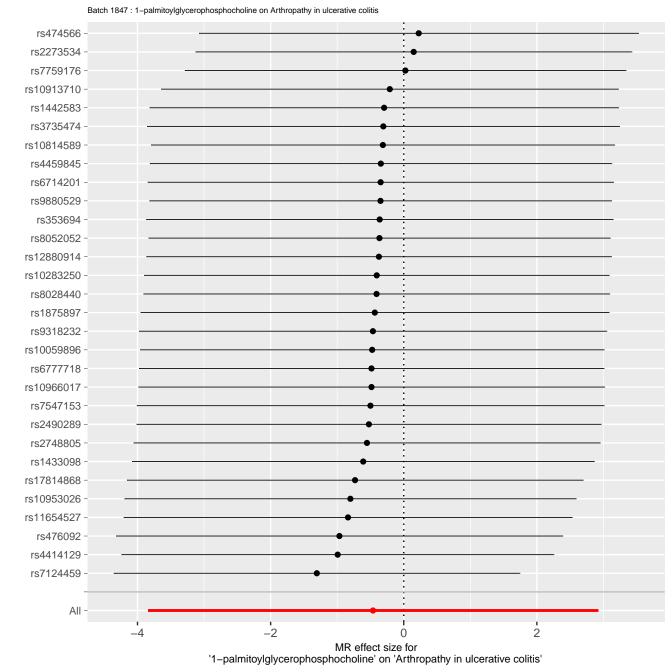


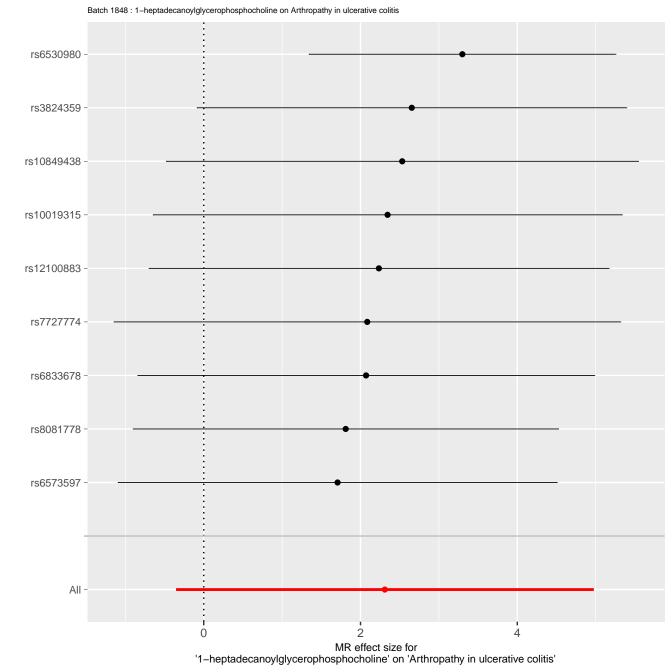


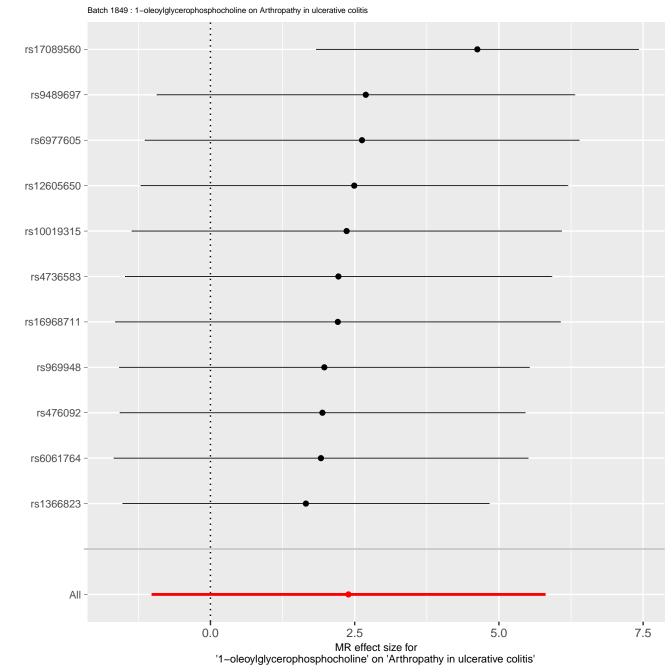


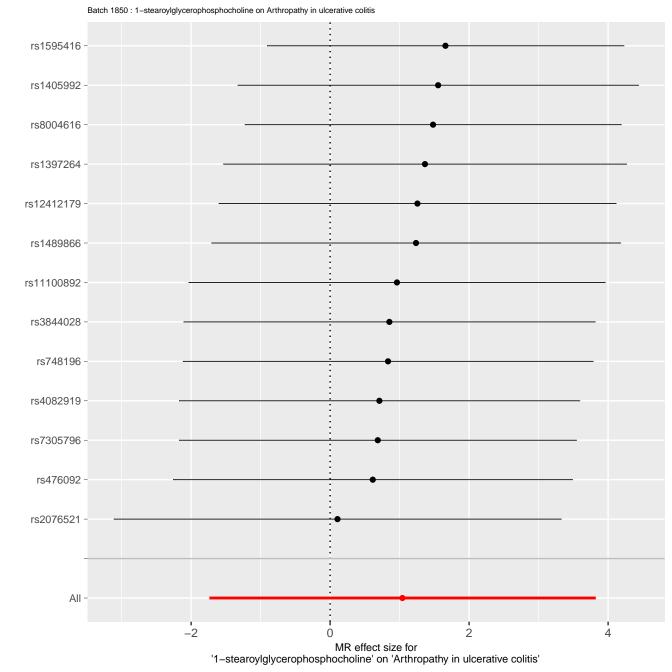


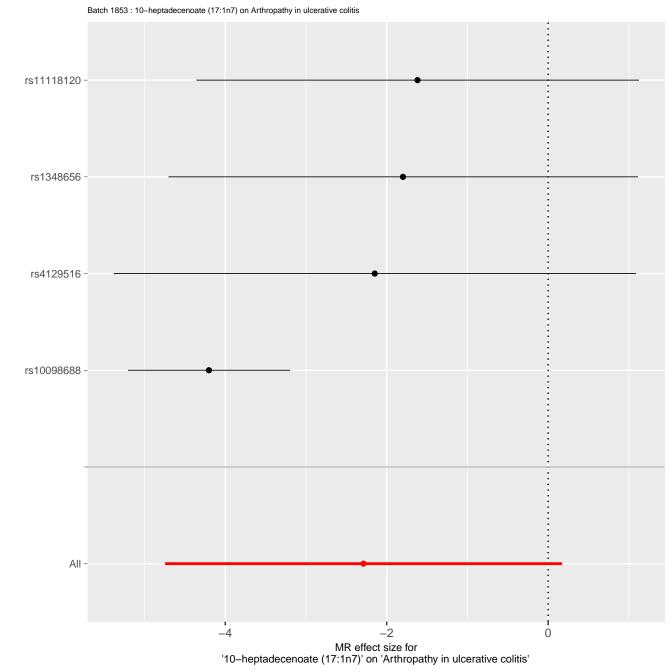


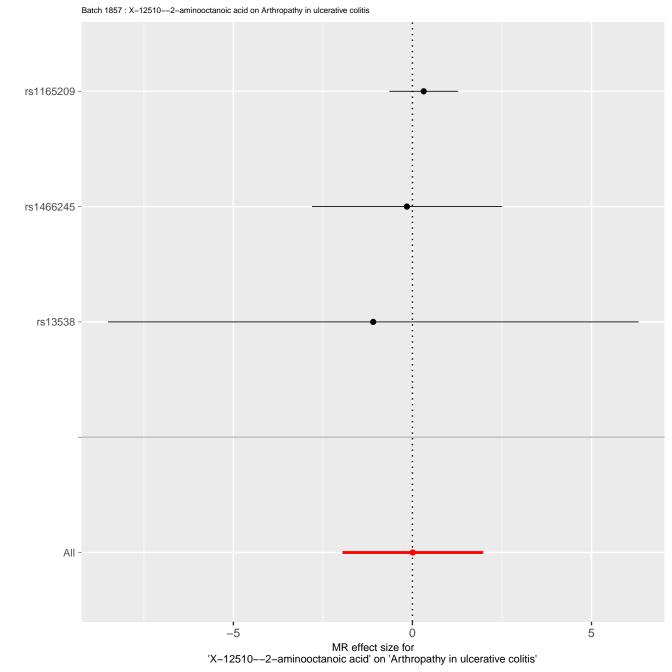


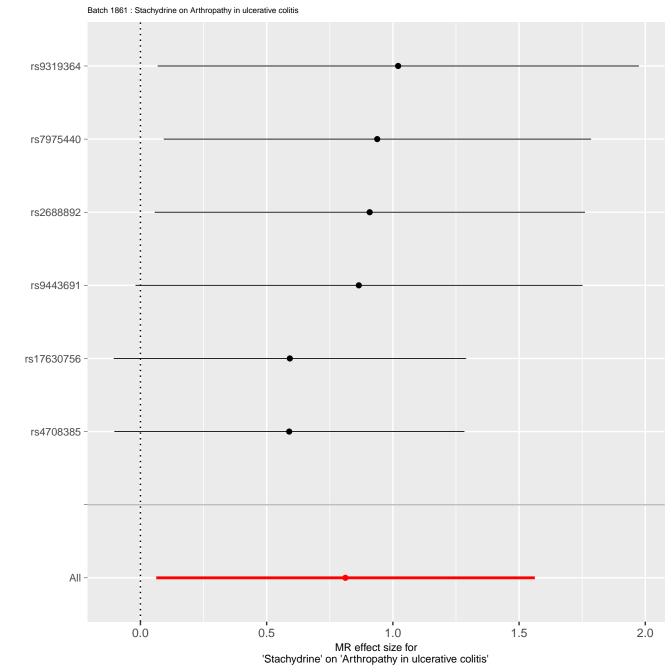


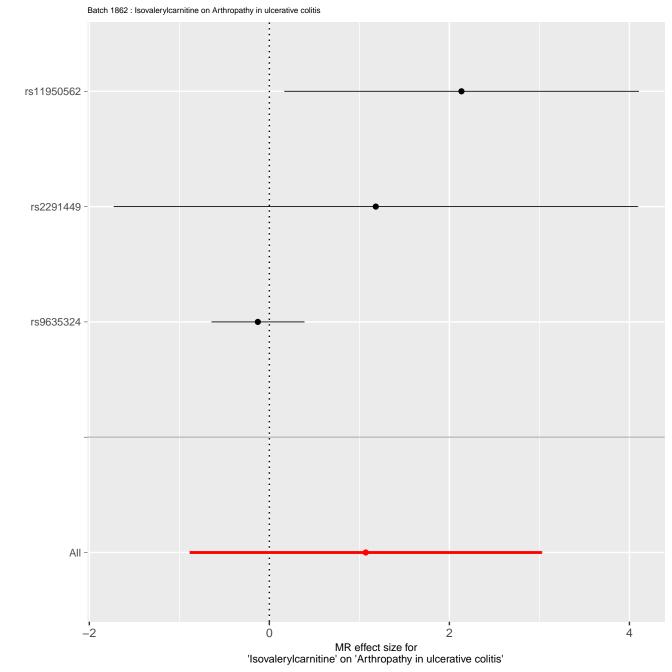


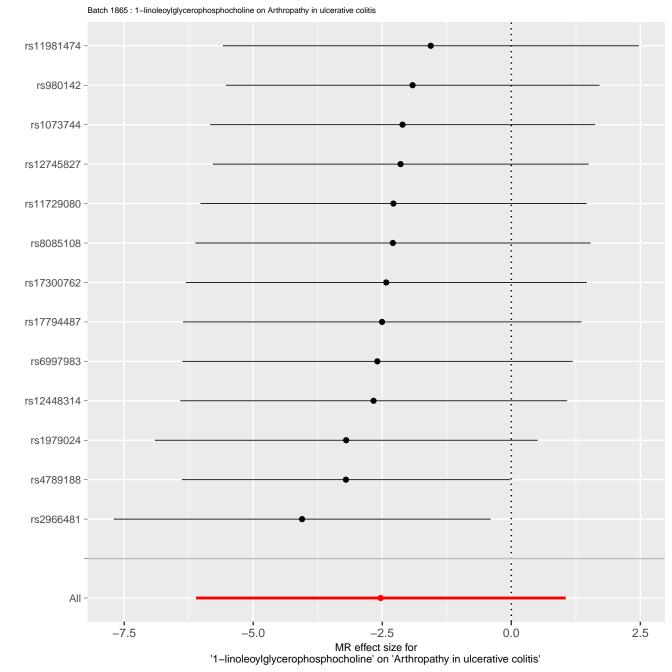


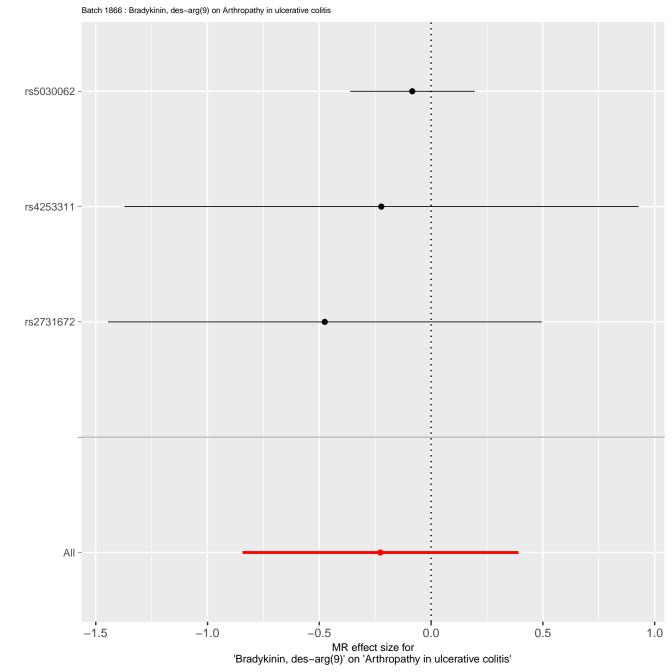


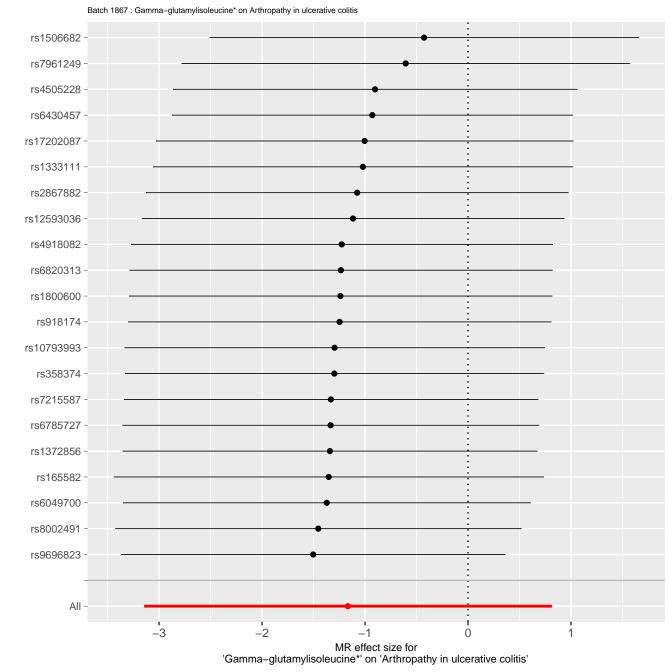


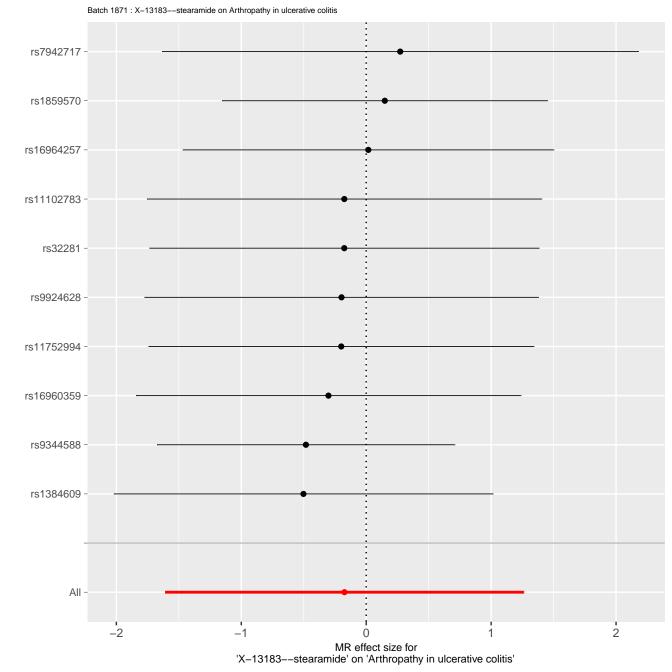


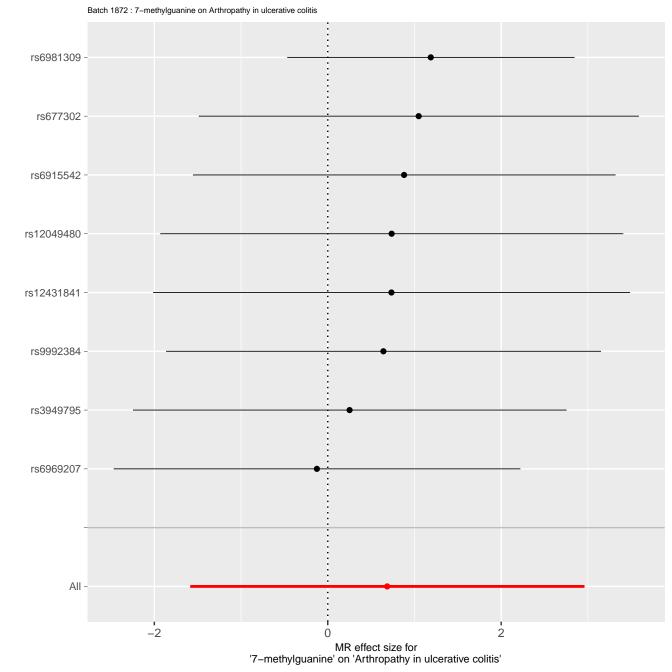


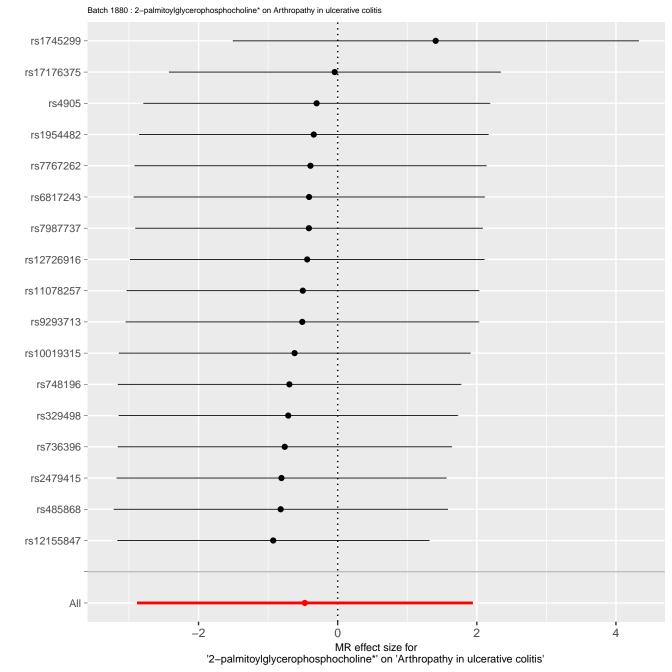


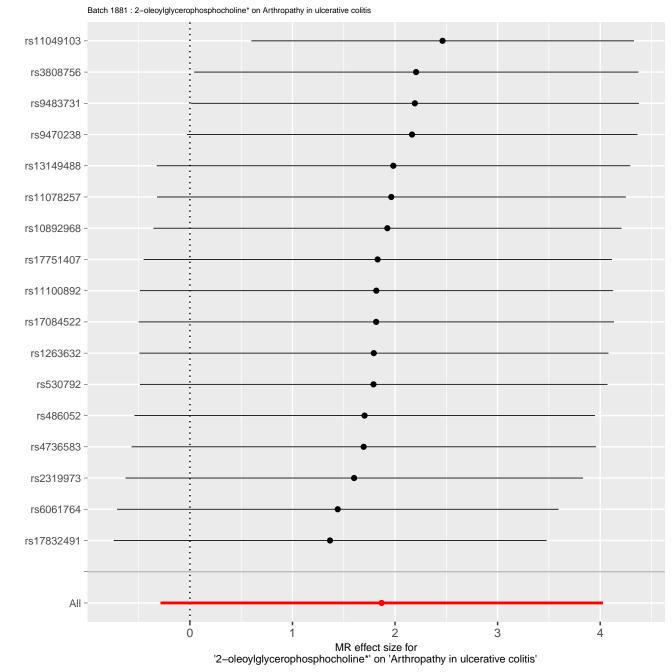


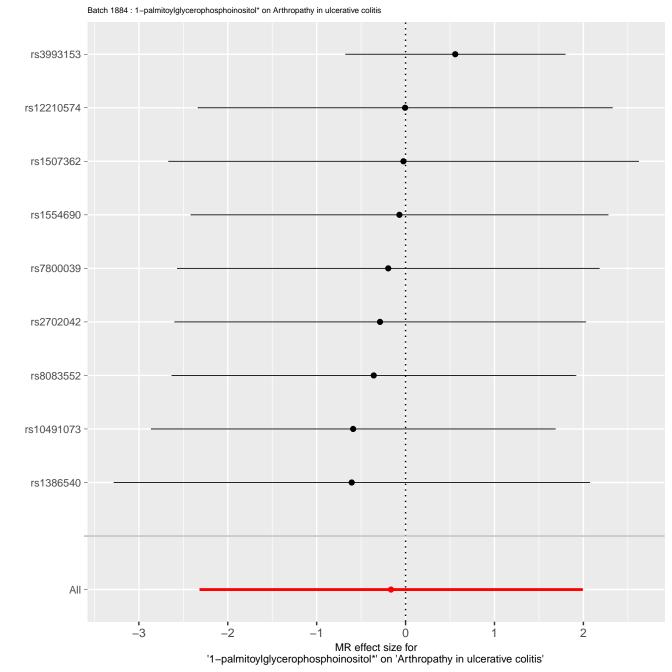


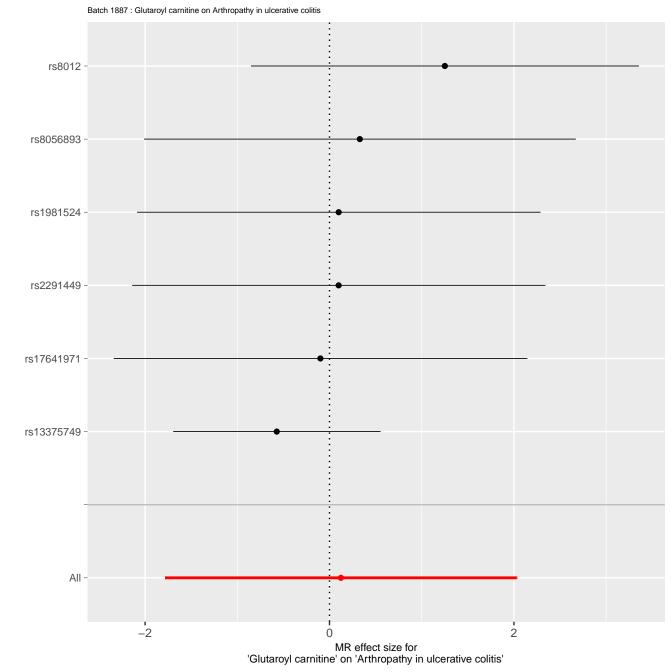


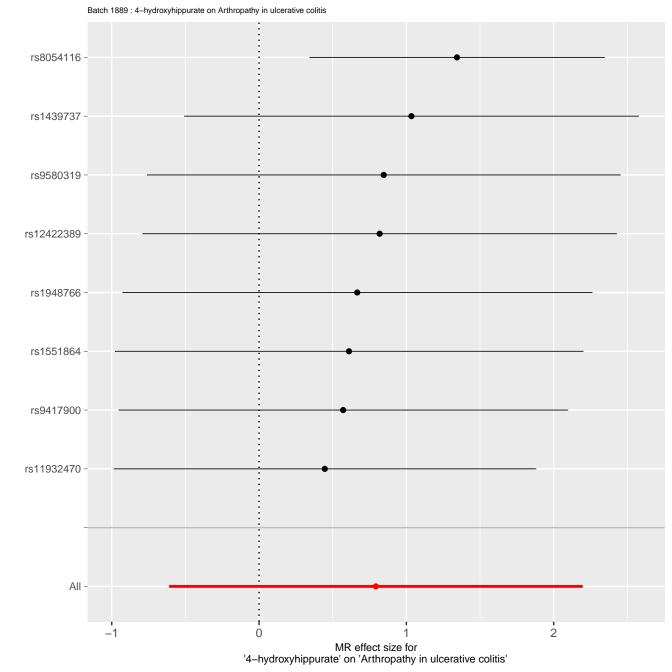


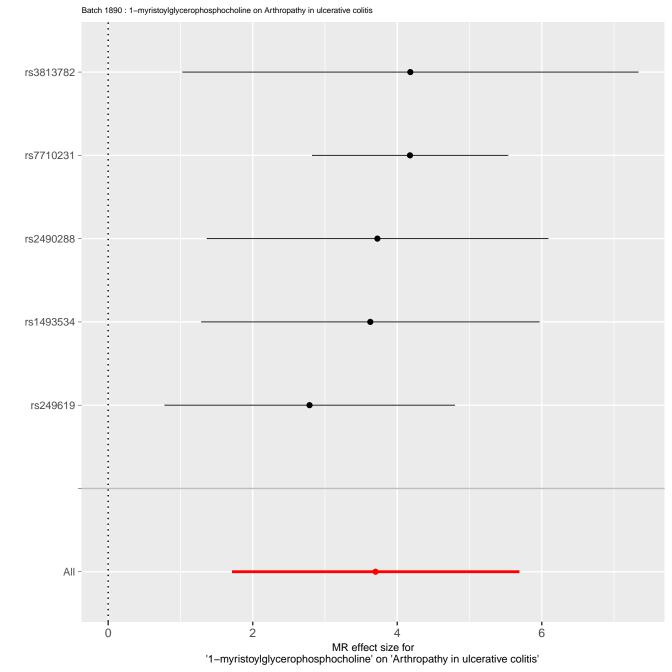


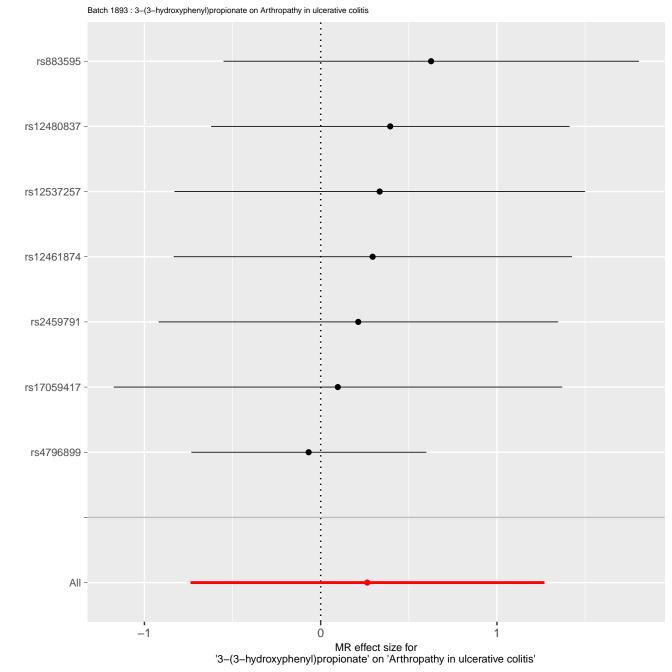


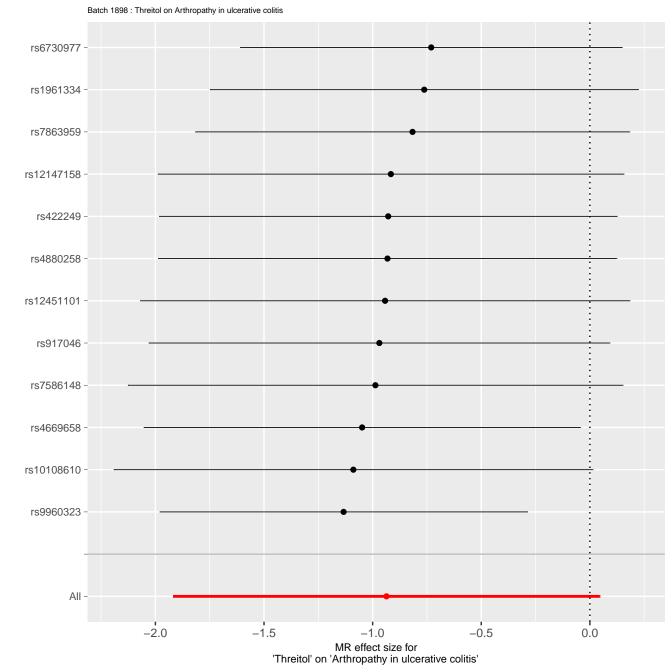


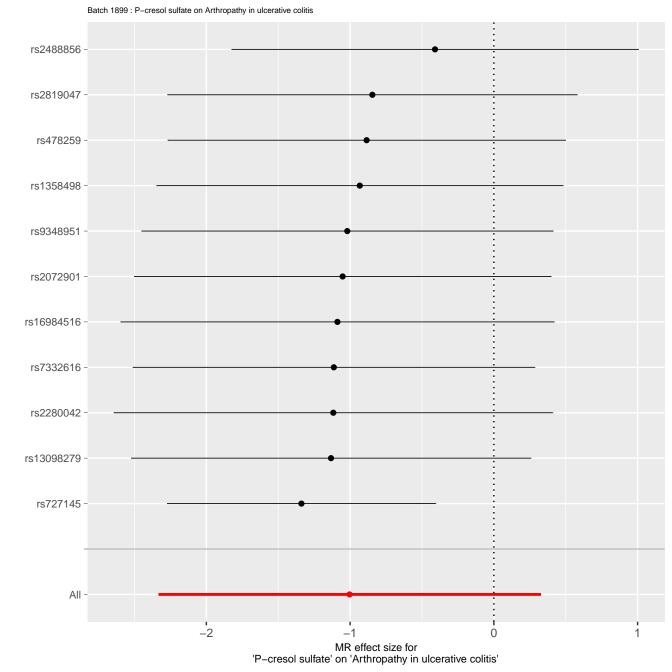


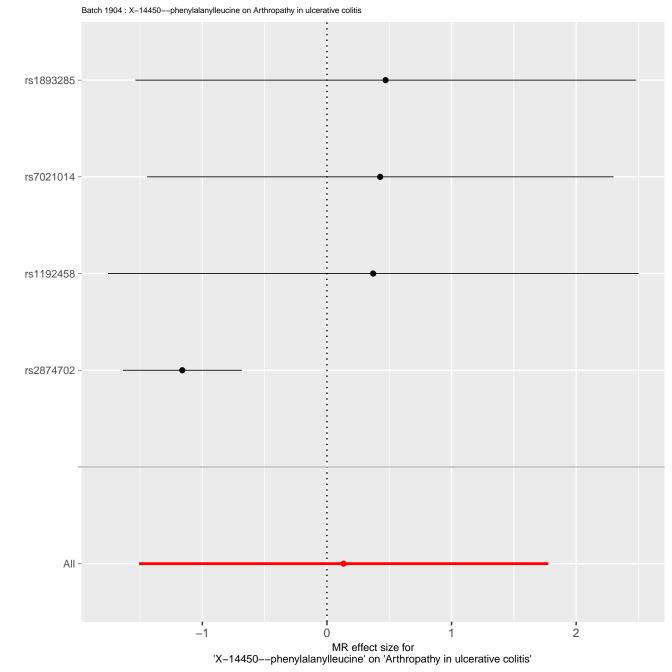


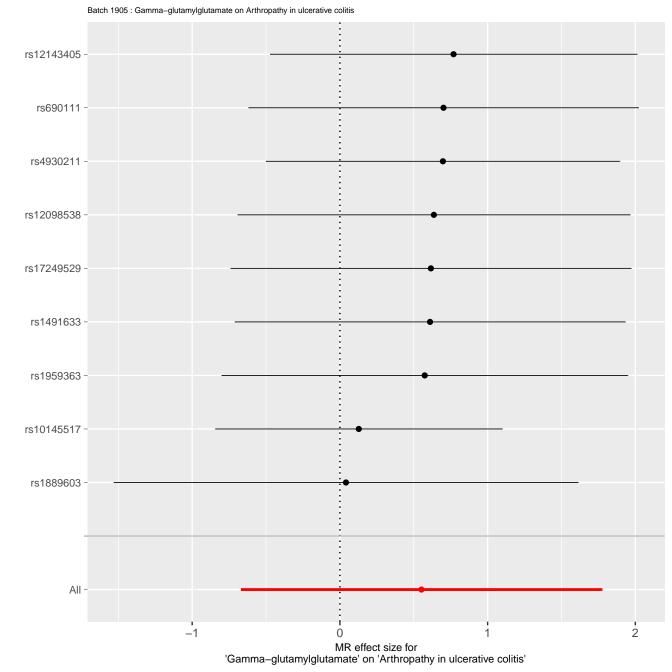


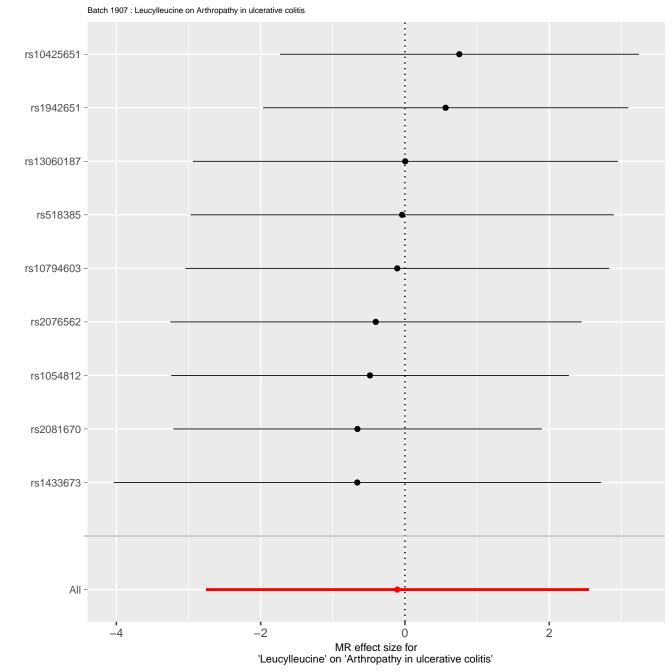


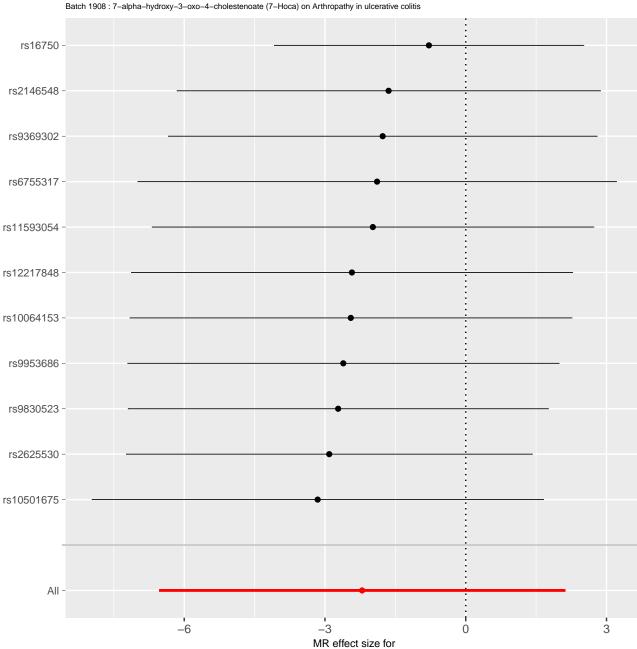




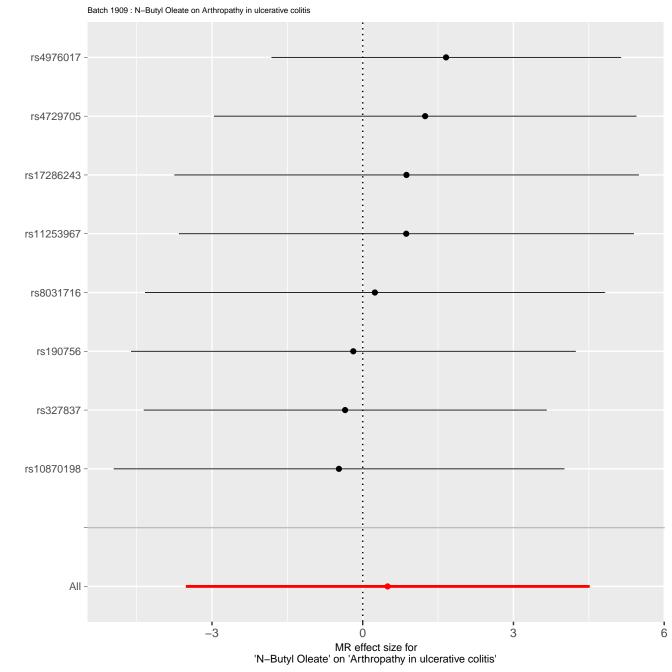


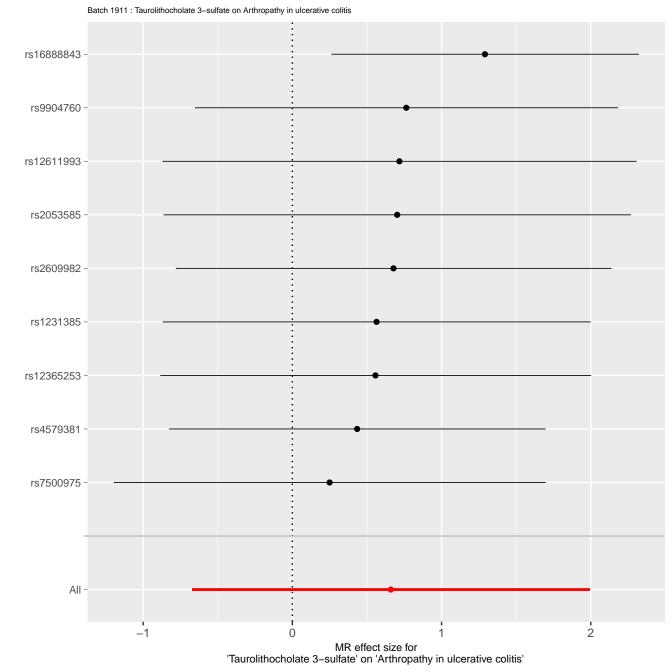


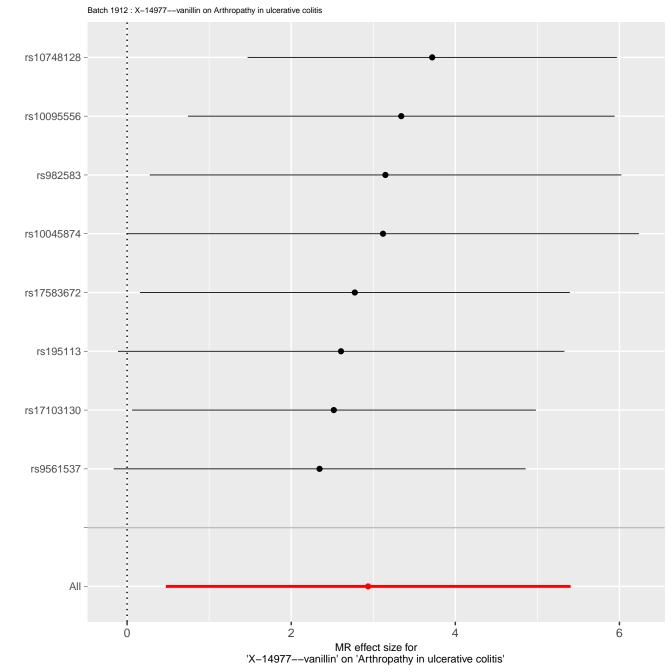


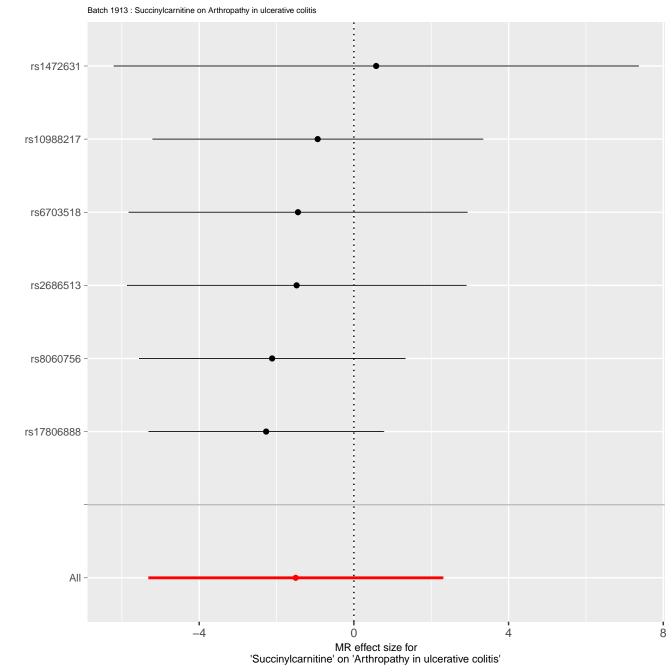


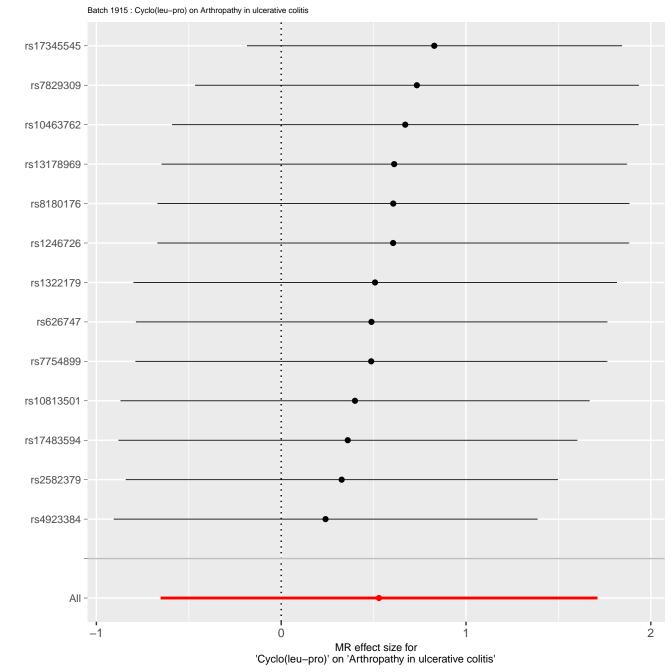
'7-alpha-hydroxy-3-oxo-4-cholestenoate (7-Hoca)' on 'Arthropathy in ulcerative colitis'

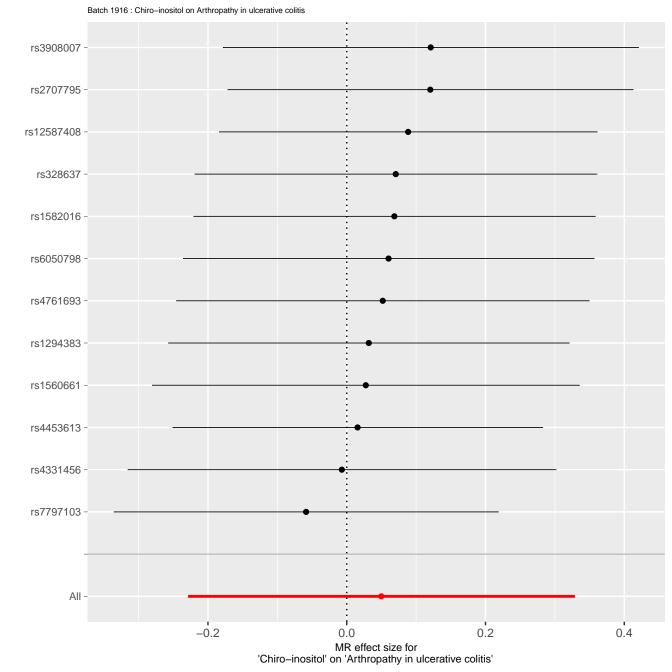


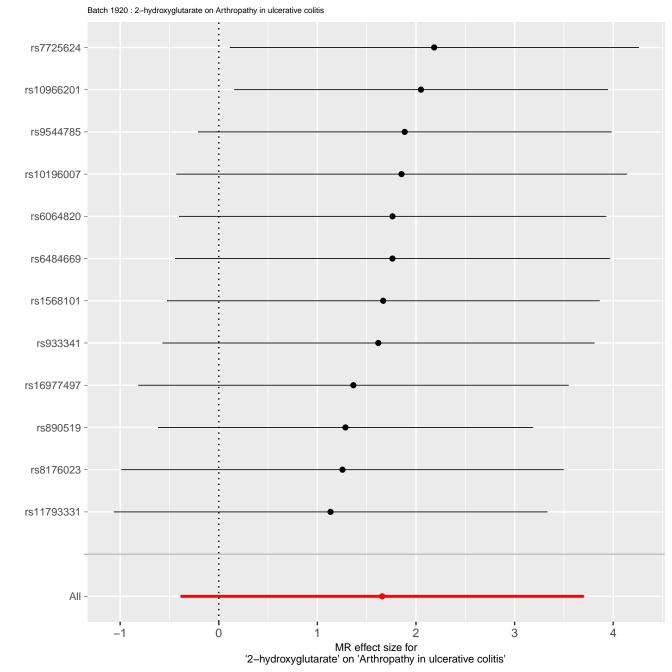


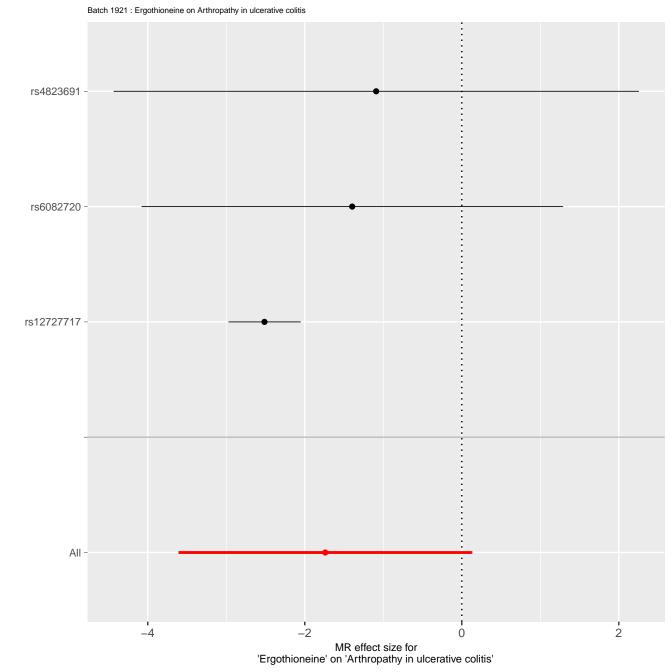


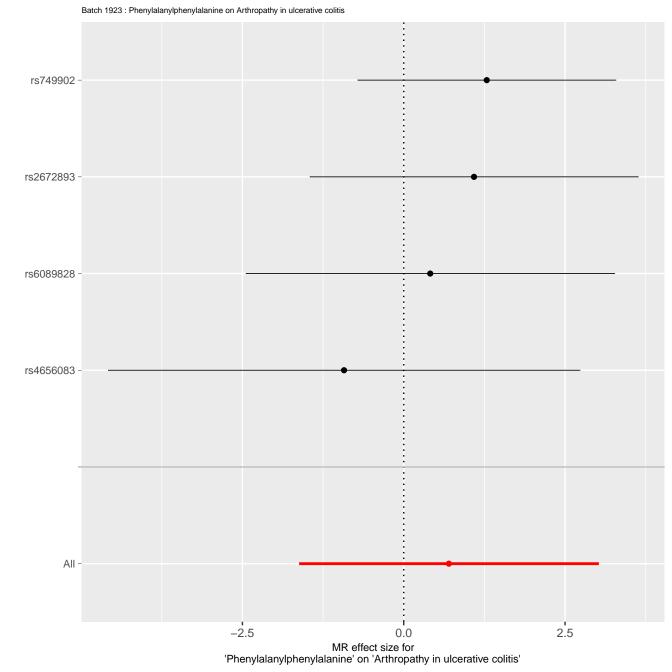


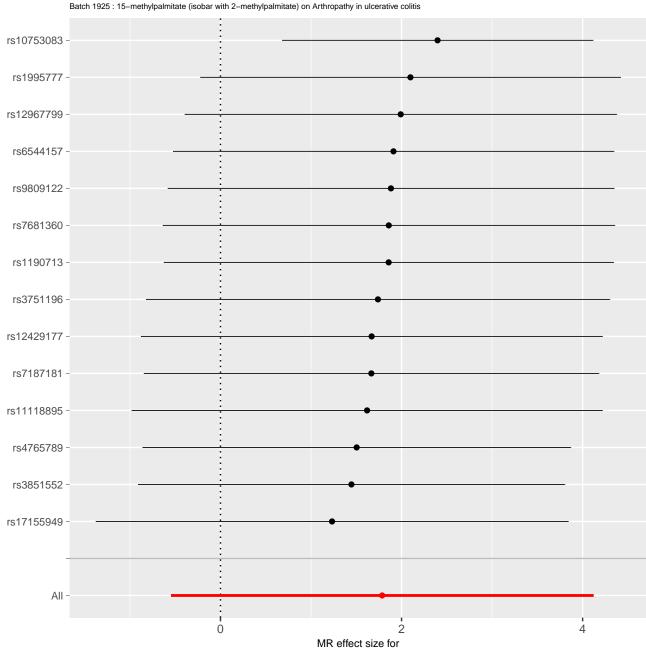








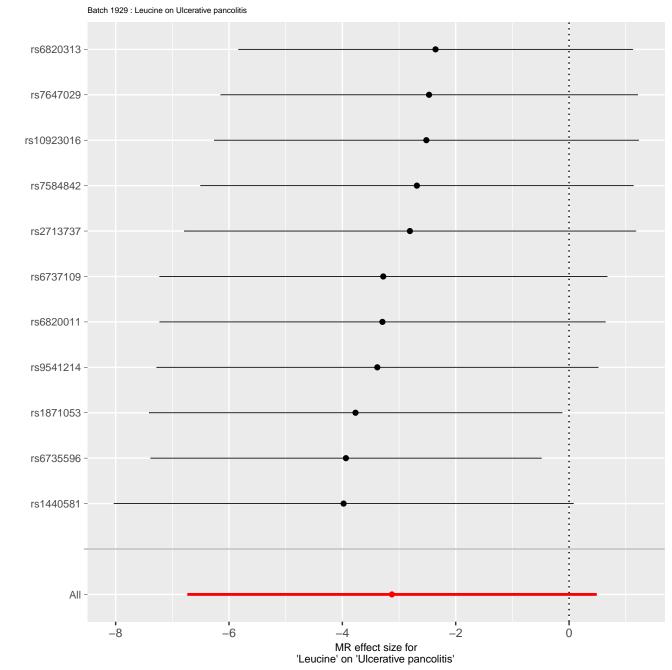


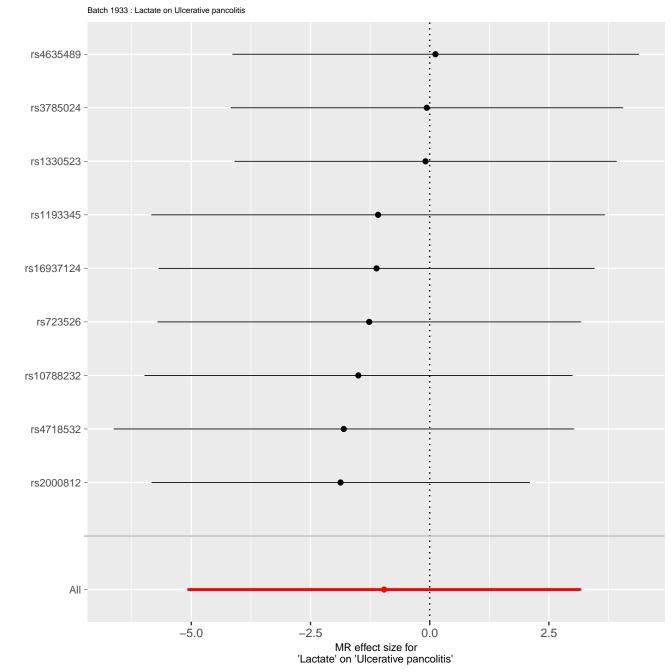


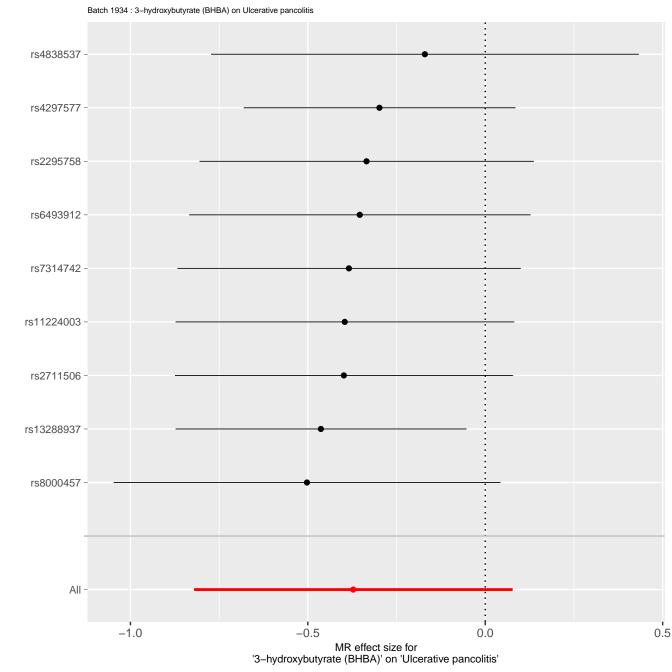
'15-methylpalmitate (isobar with 2-methylpalmitate)' on 'Arthropathy in ulcerative colitis'

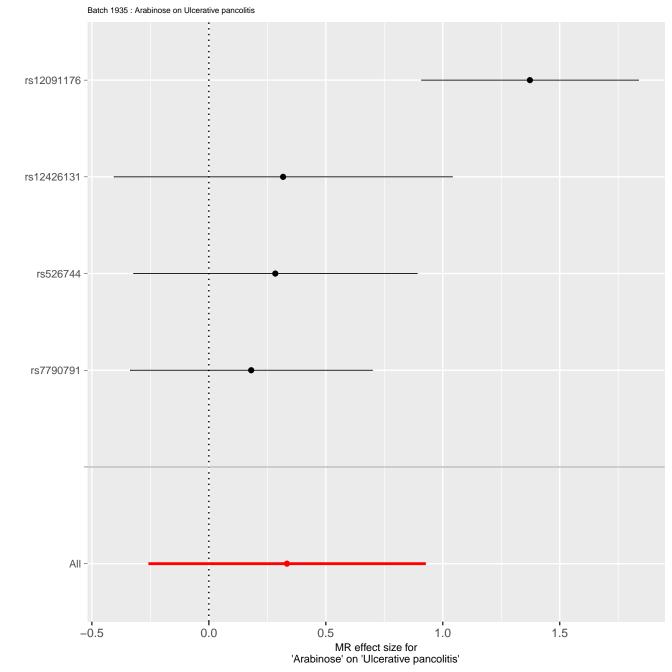
Batch 1927: Tryptophan on Ulcerative pancolitis rs9511152 rs284191 rs4306882 rs4615256 rs7584842 rs7463805 rs4958379 rs13122250 rs2111118 rs972459 rs6480970 rs38271 rs710580 rs1016522 rs6935961 rs1373962 -All --5.0 -2.5 2.5 0.0 MR effect size for

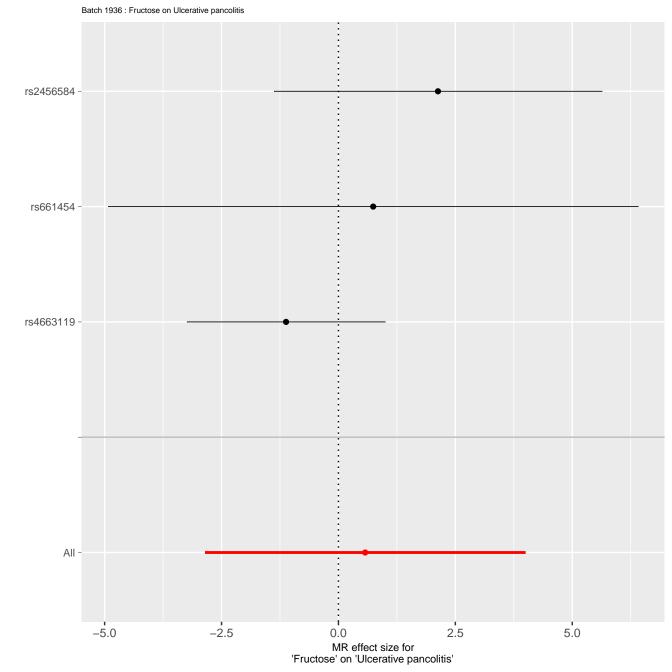
'Tryptophan' on 'Ulcerative pancolitis'

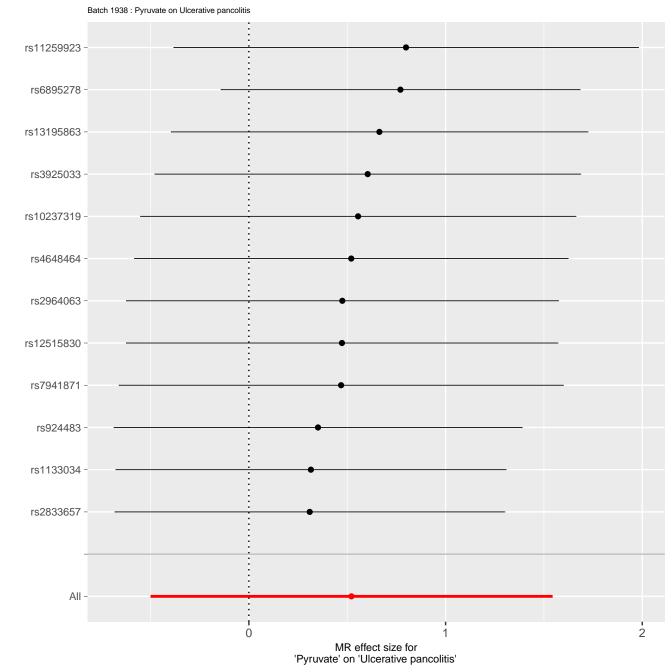


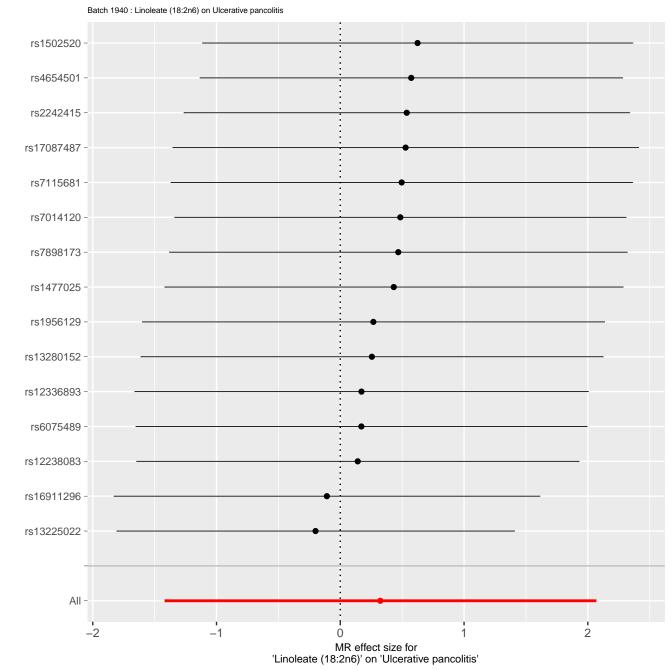


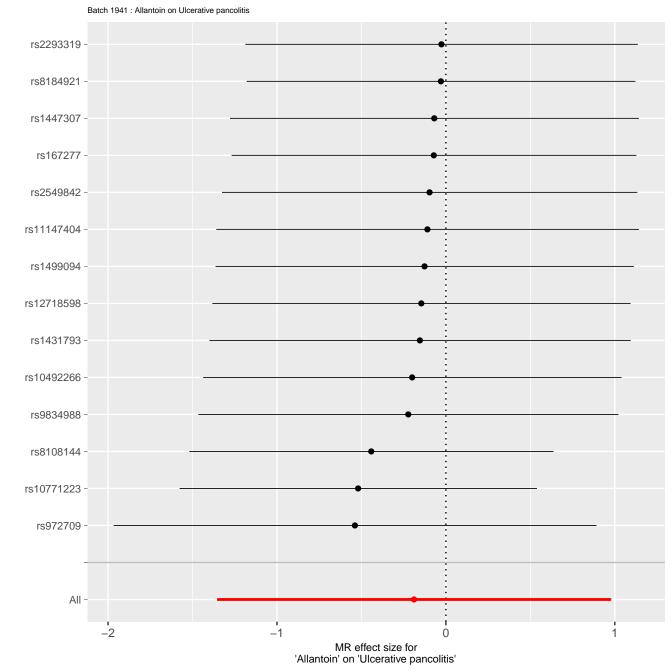


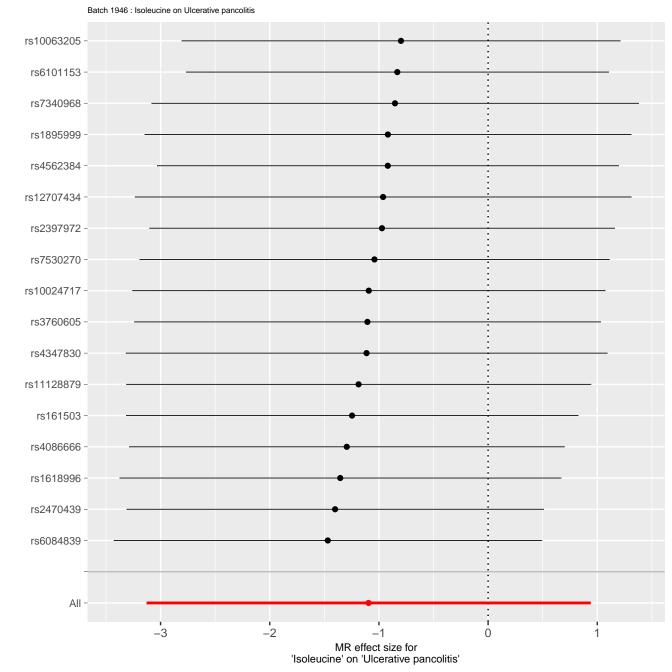


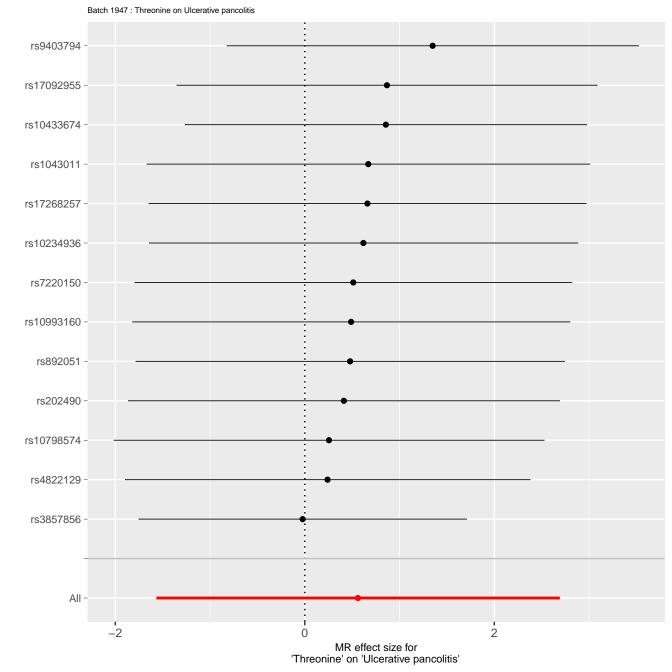


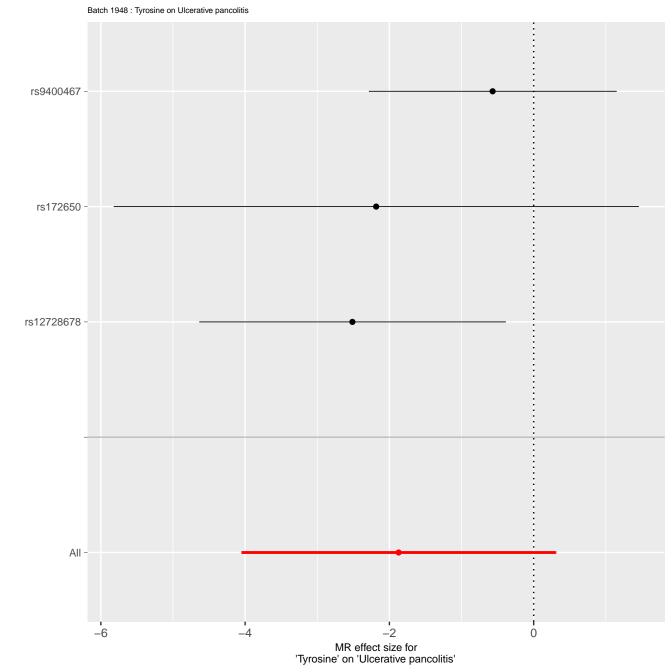


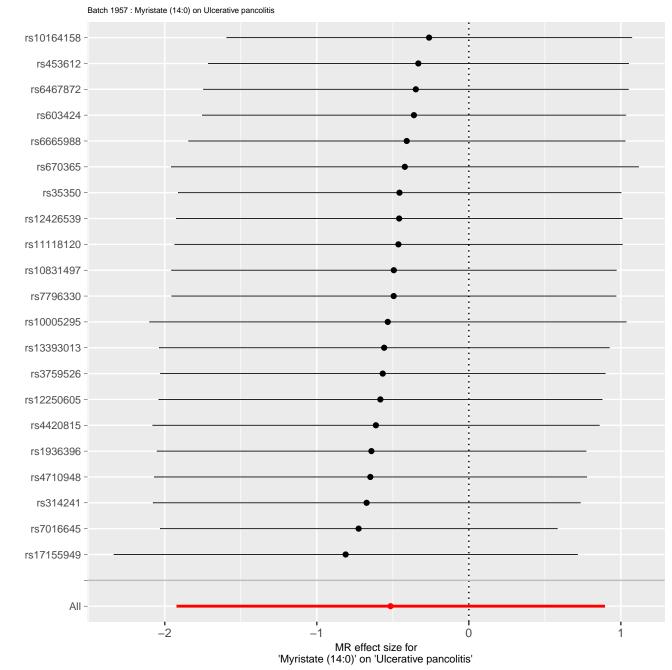


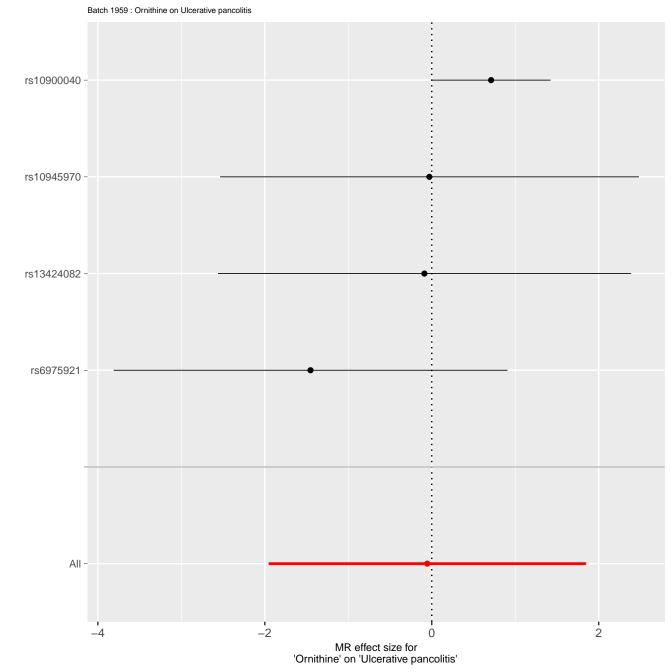


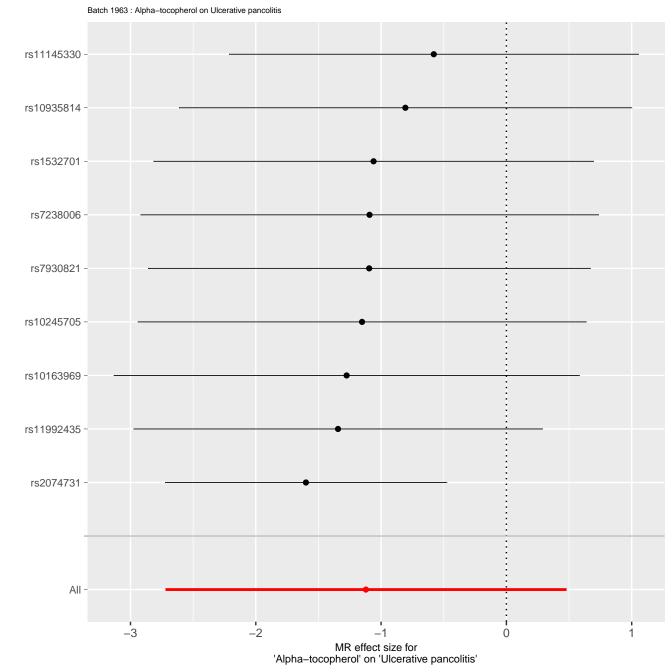


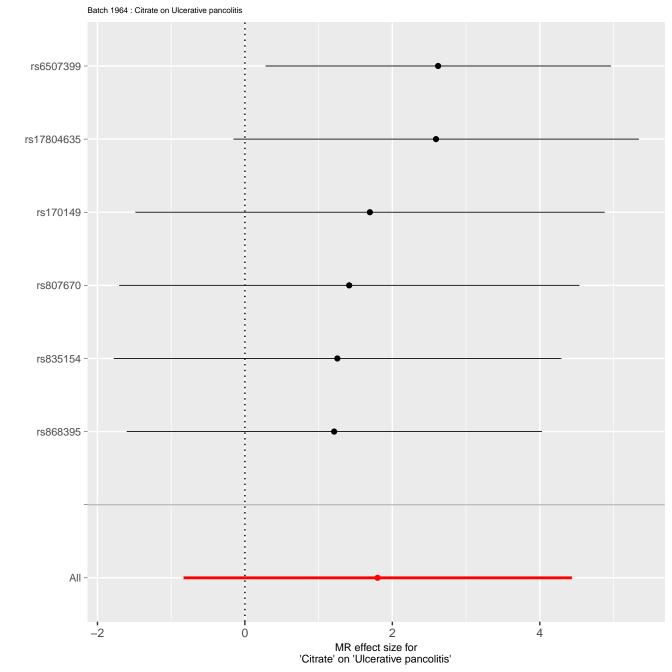


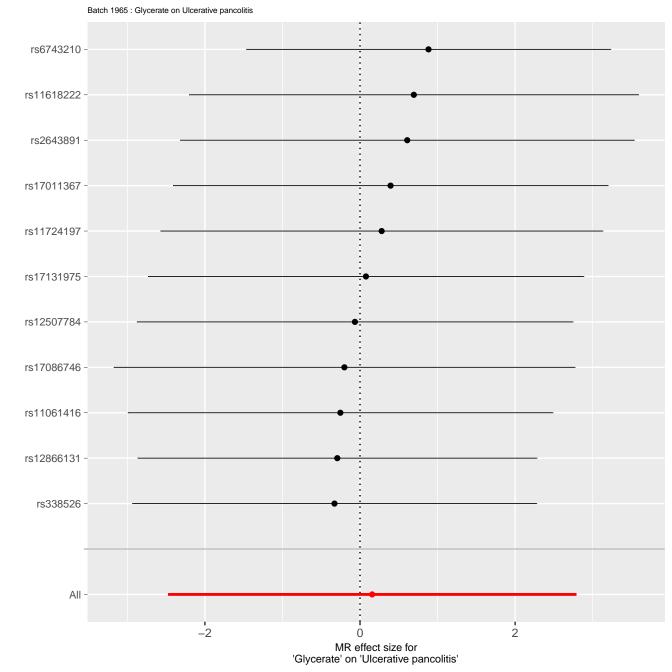


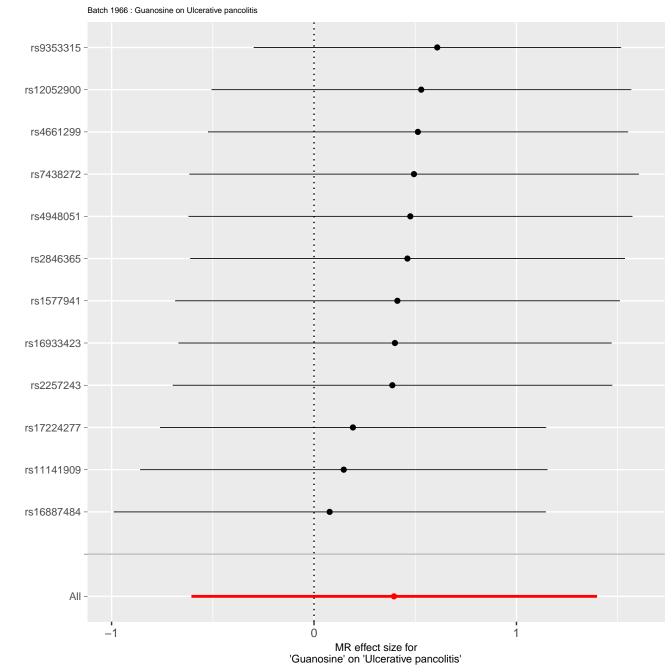


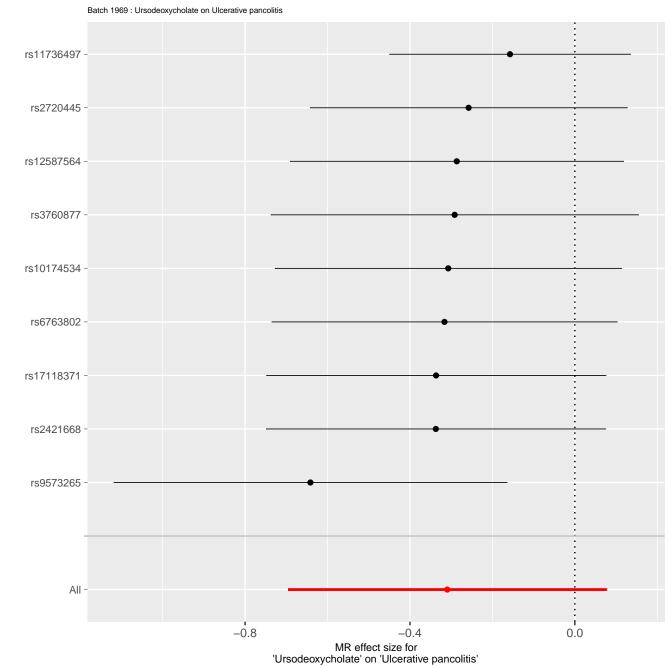


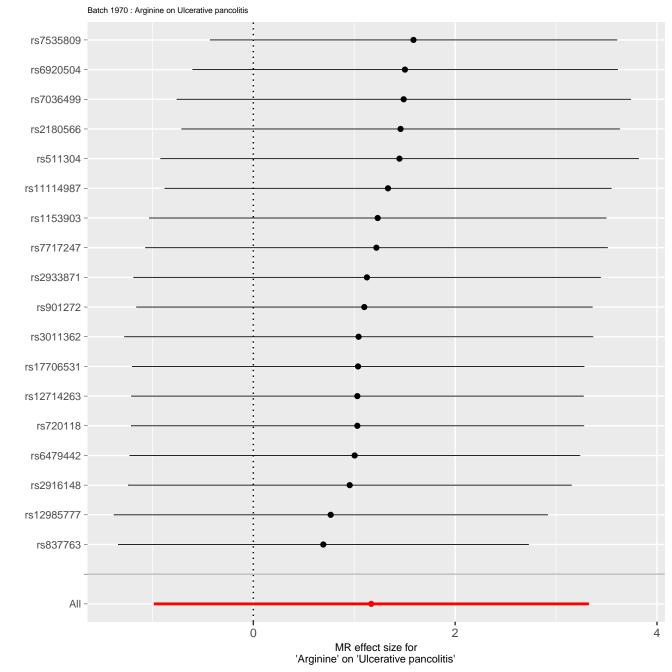


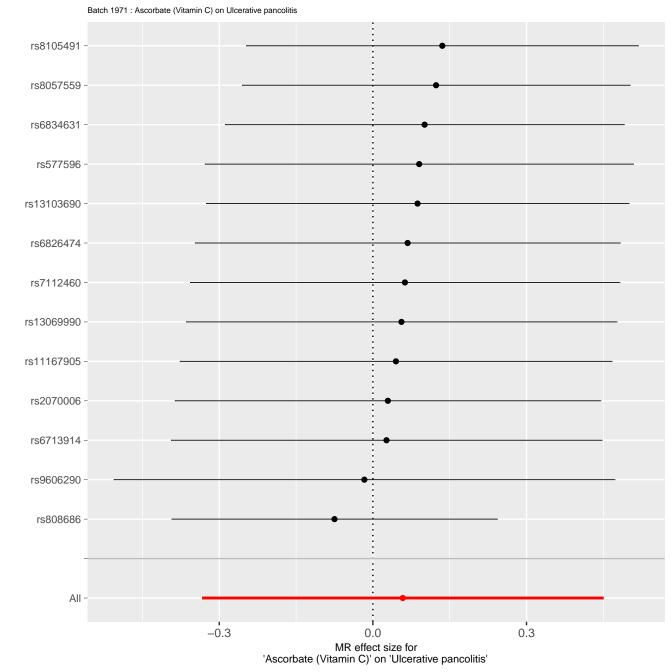


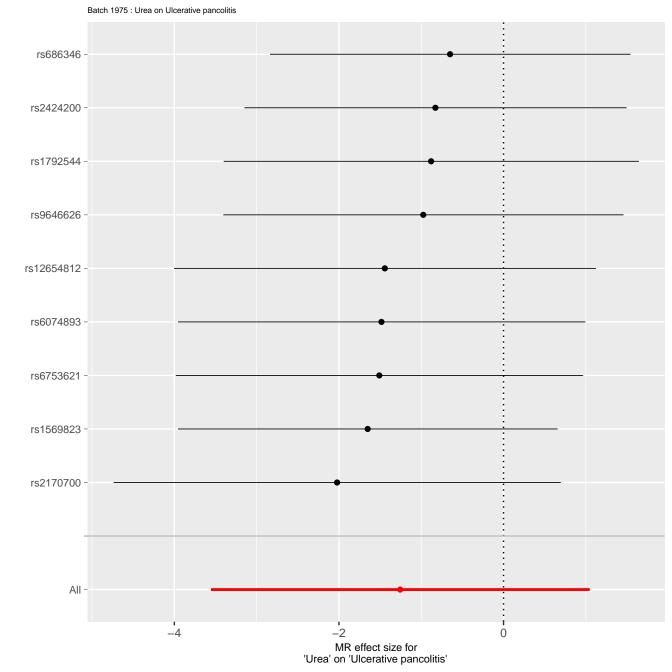


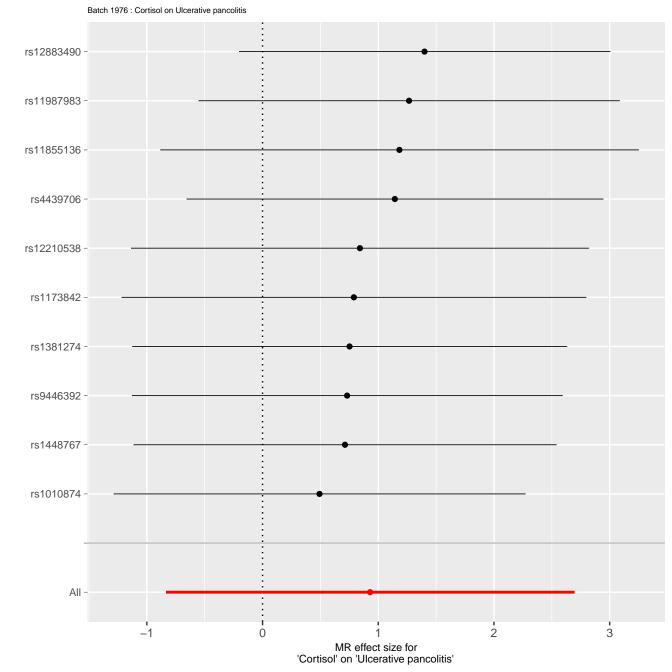


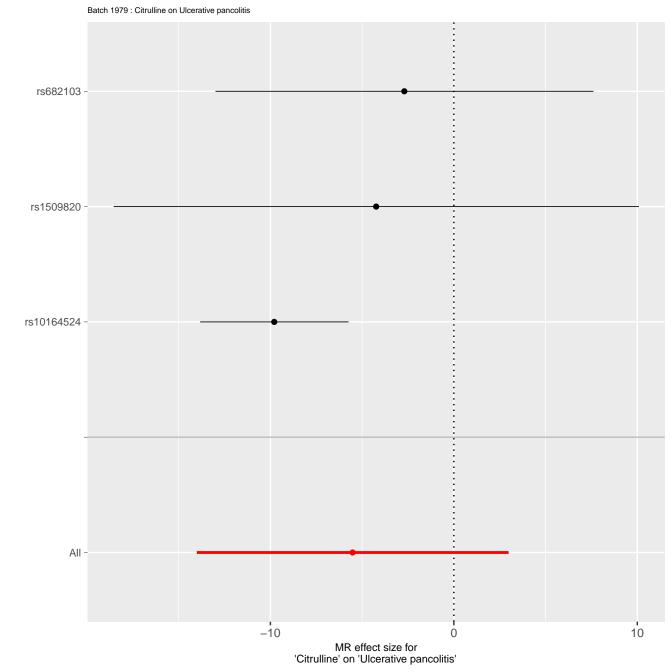


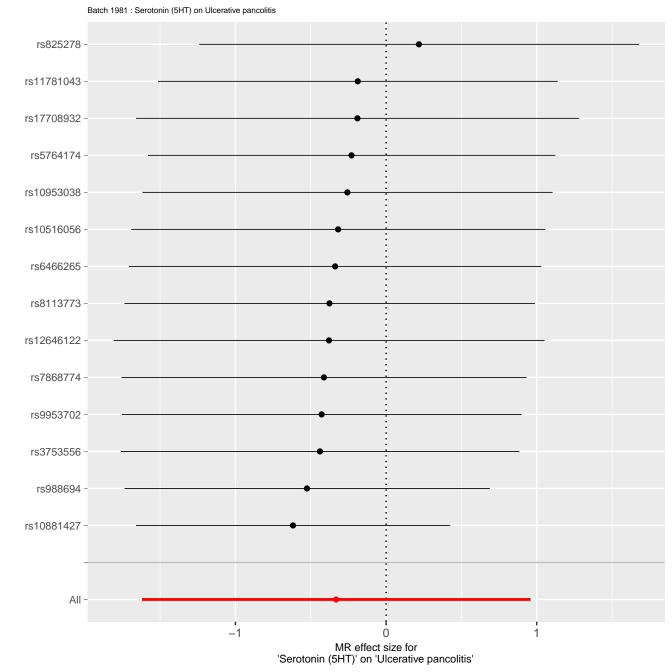


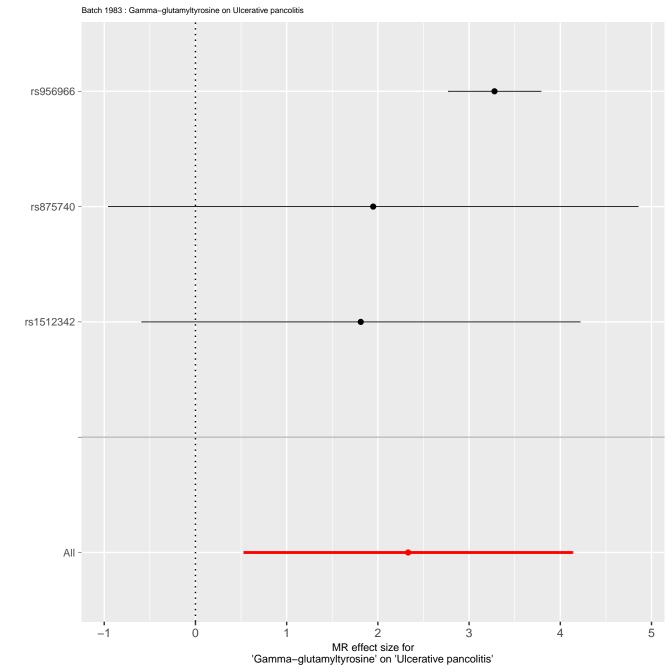


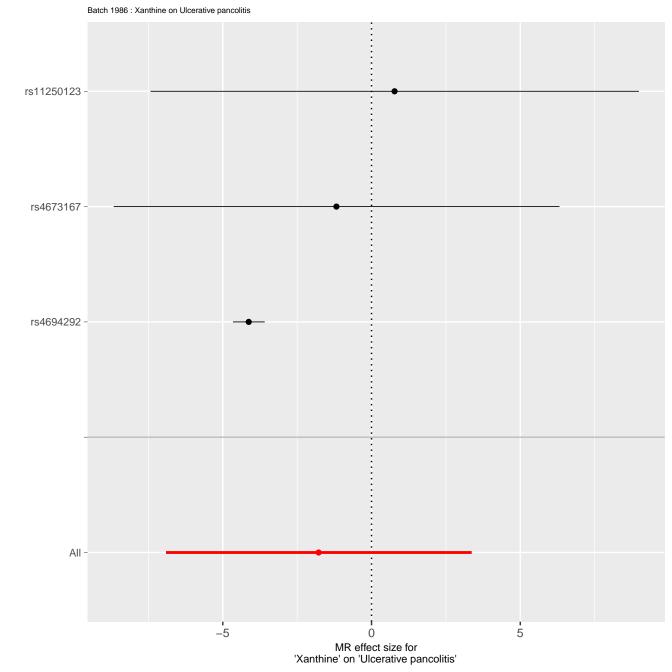


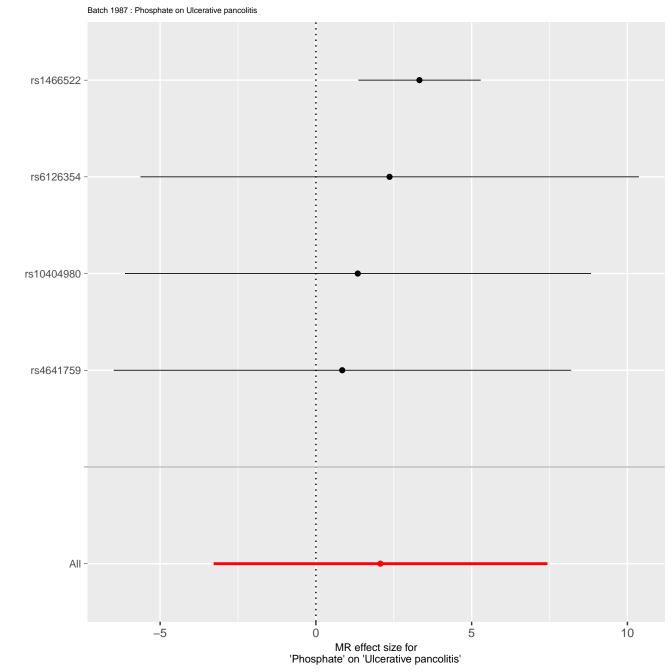


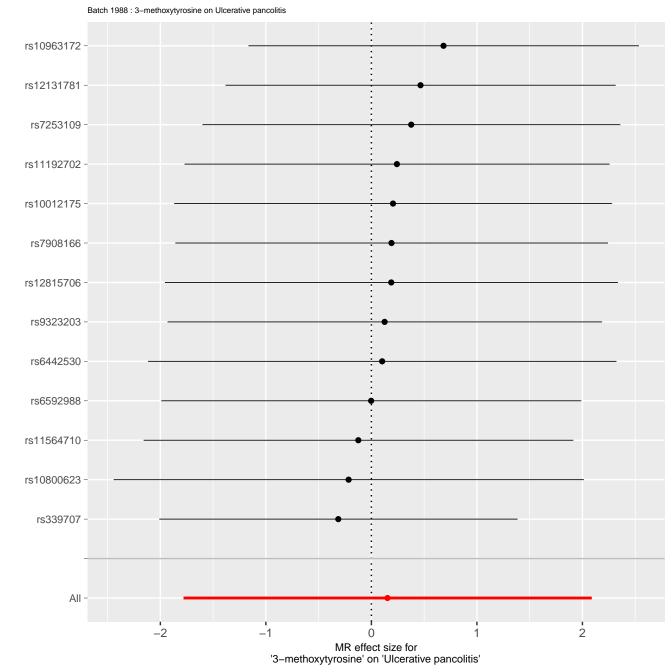


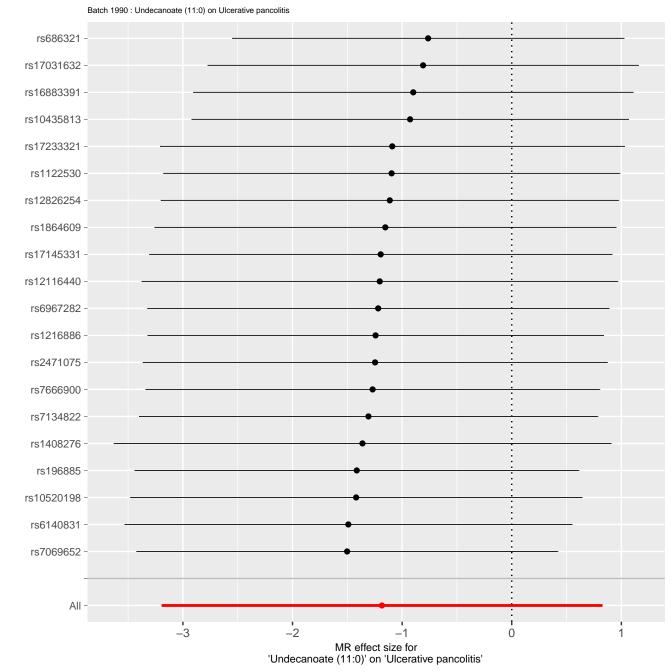


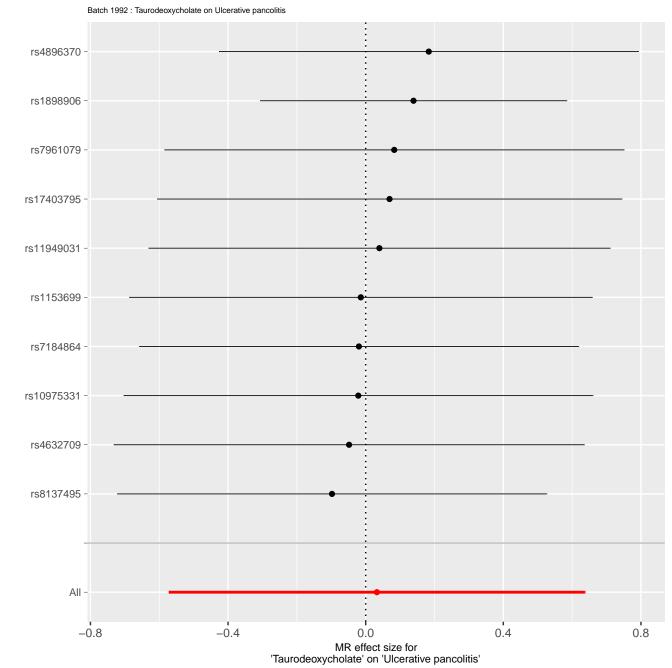


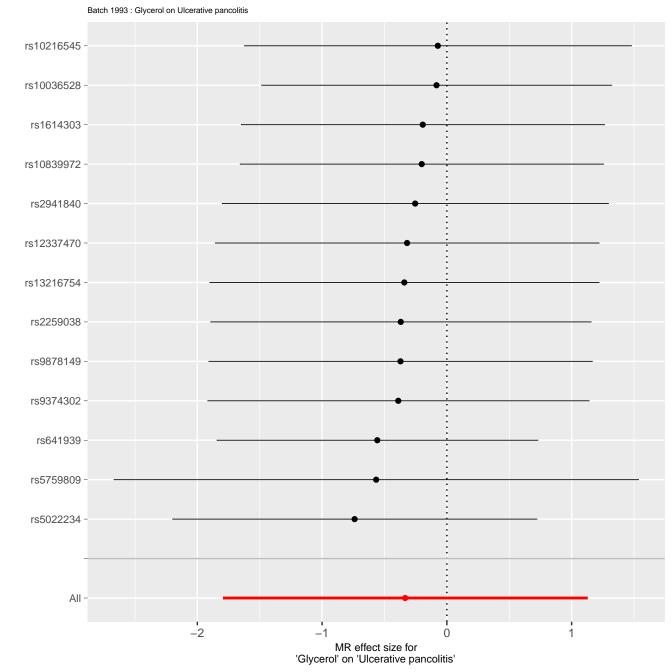


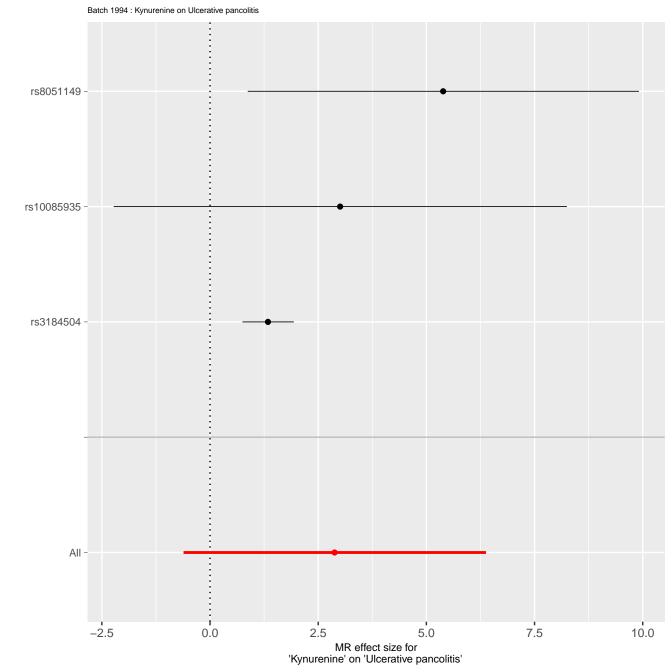


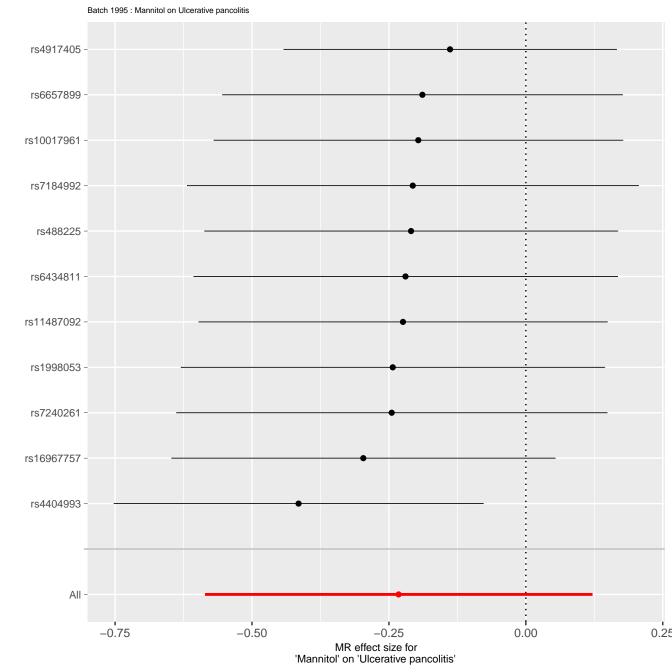


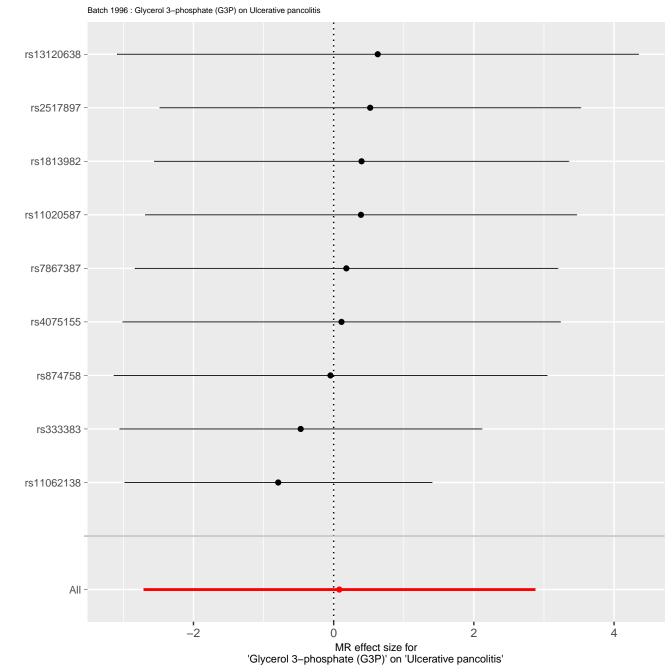






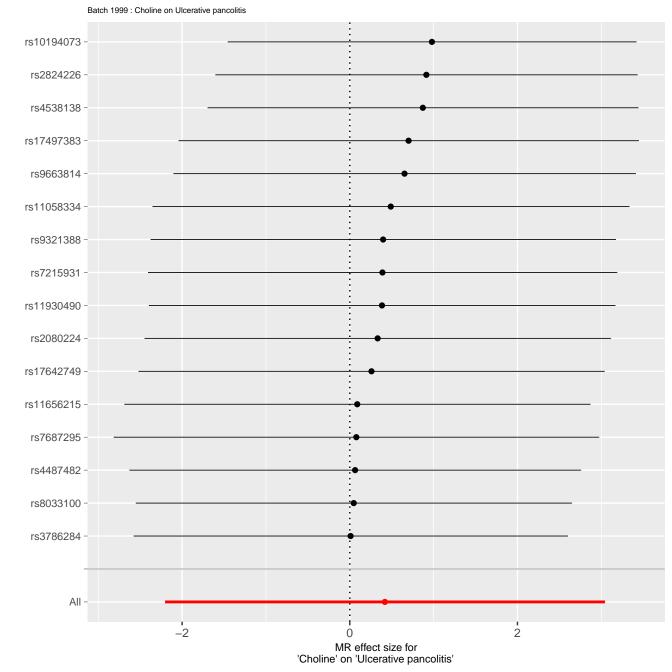


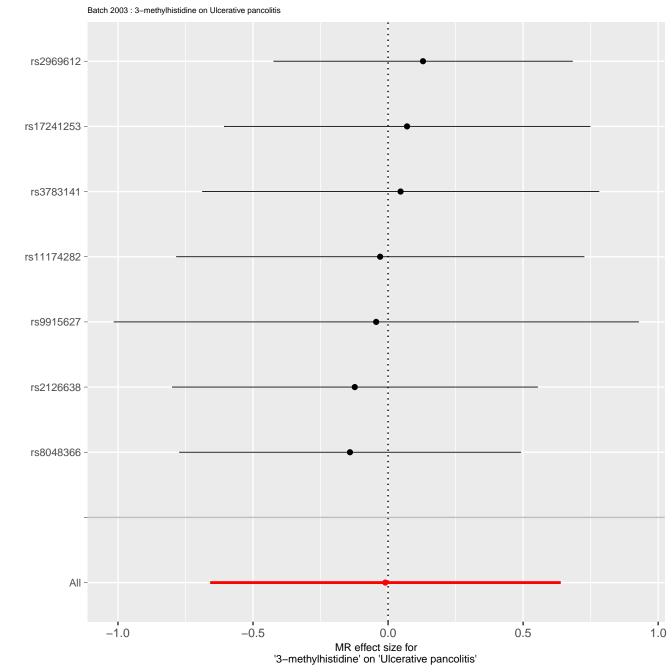


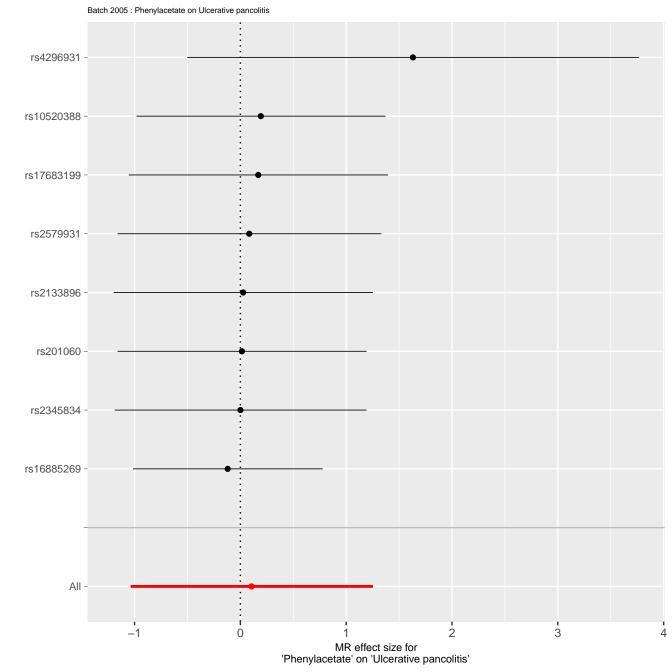


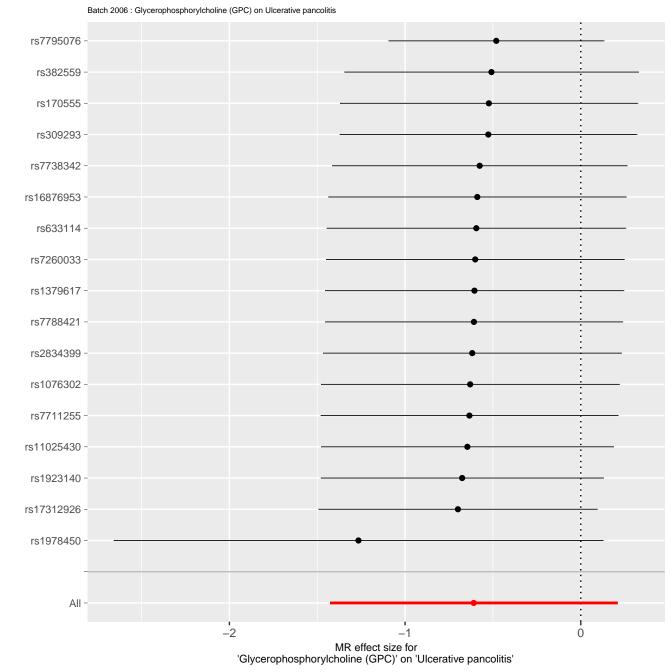
Batch 1998 : Carnitine on Ulcerative pancolitis rs12356193 rs1466788 rs2396004 rs419291 rs4860022 rs3736438 rs735315 rs6862024 rs2492788 rs12709393 rs2279014 rs11620973 rs2114713 rs9842133 rs11183620 rs11620955 rs10821585 -All --5.0 -7.5 2.5 -2.5 0.0

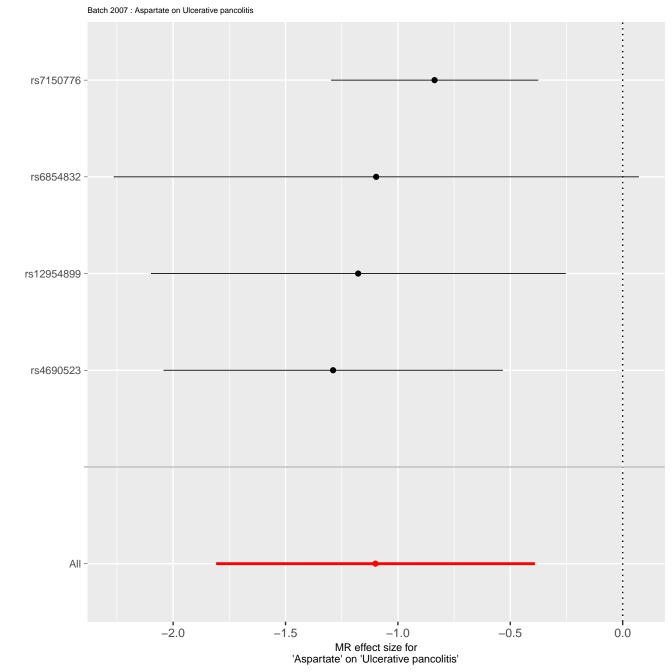
MR effect size for 'Carnitine' on 'Ulcerative pancolitis'

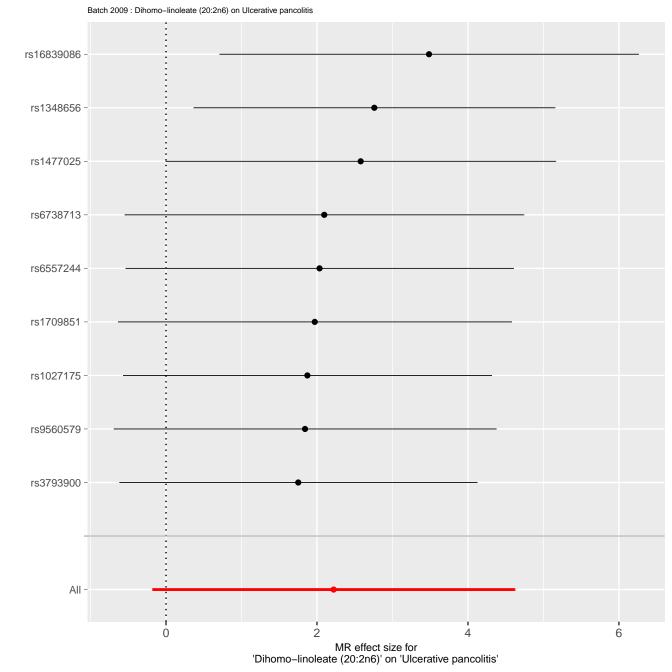


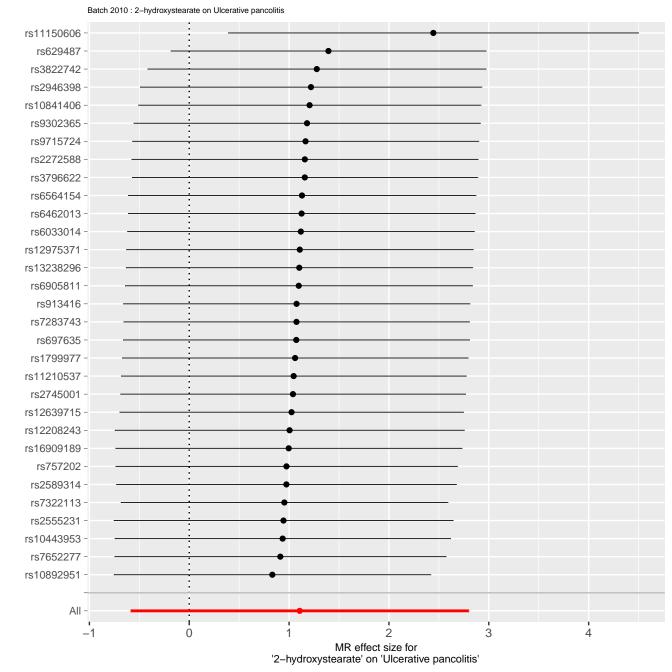


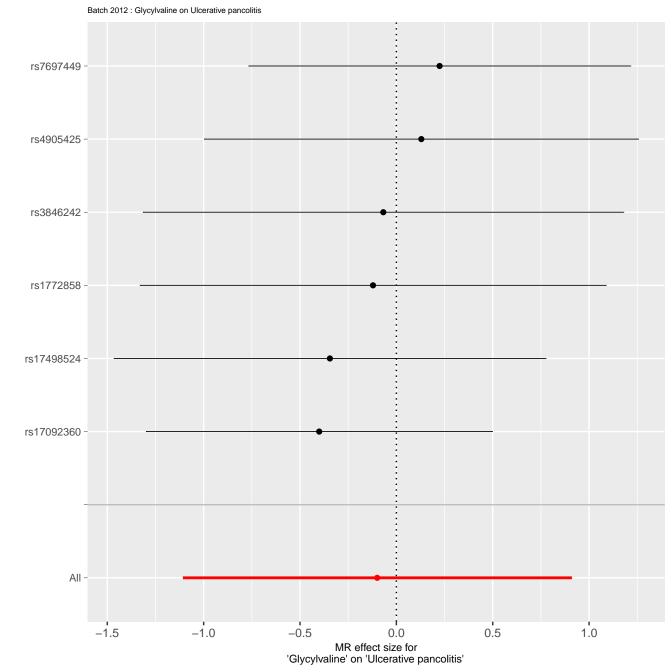








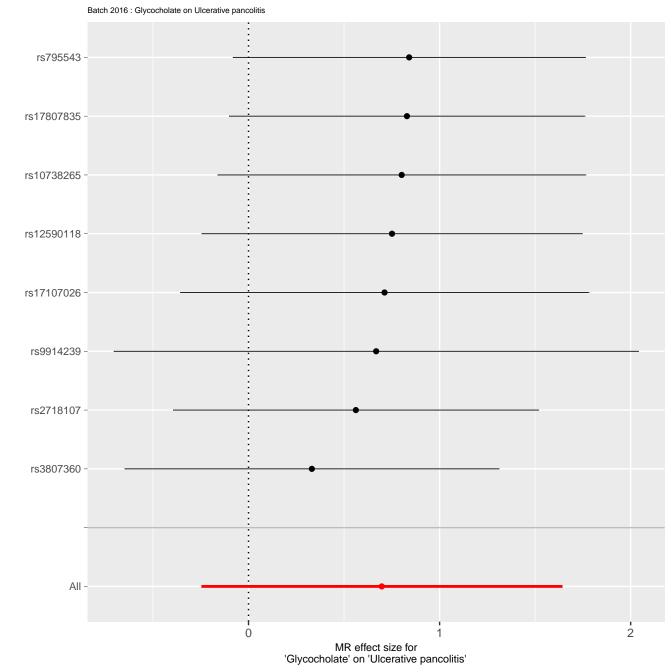


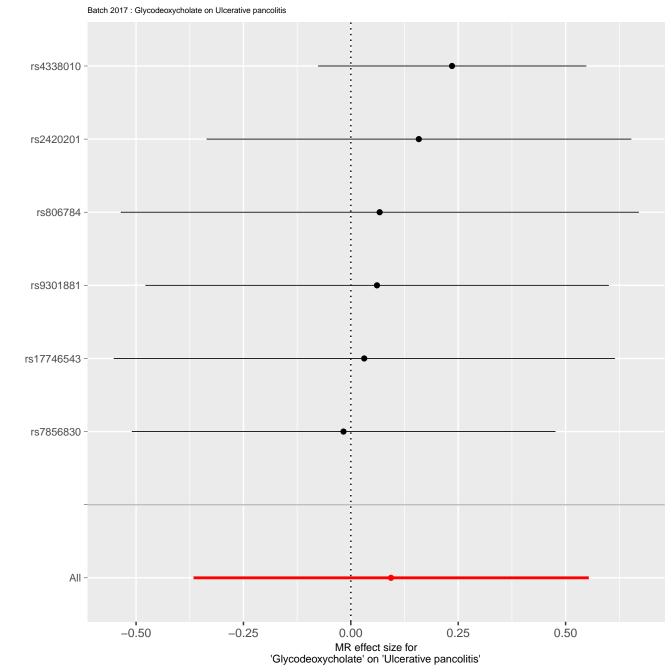


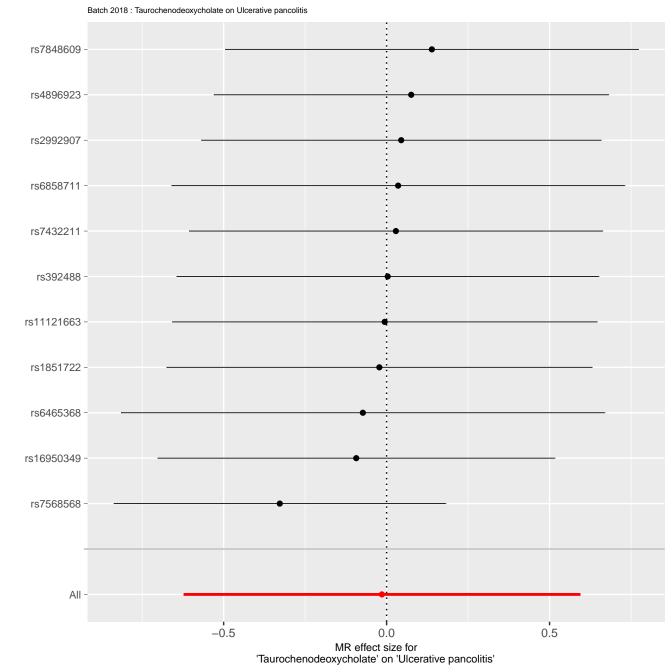
rs3846286 rs2203995 rs6820313 rs4767788 rs12707434 rs3747115 rs37959 rs9827101 rs2043769 rs6951006 rs17185878 rs10426971 rs2201453 rs3799105 rs7678928 rs4926707 rs13188217 rs6797094 rs17652614 rs200449 rs11151740 rs6833720 rs1292666 rs2413113 rs2573124 rs13189579 rs7830772 rs7574847 rs1382190 rs17794361 rs2819322 -All --2 -1 MR effect size for

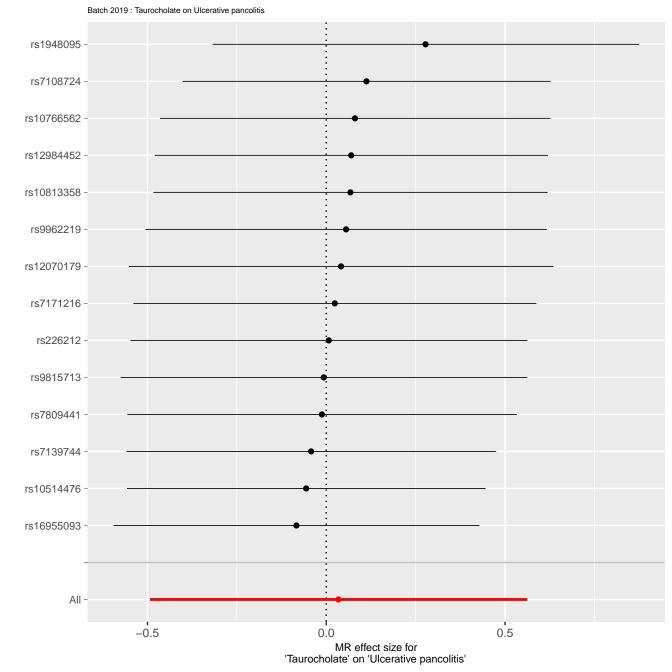
'Gamma-glutamylleucine' on 'Ulcerative pancolitis'

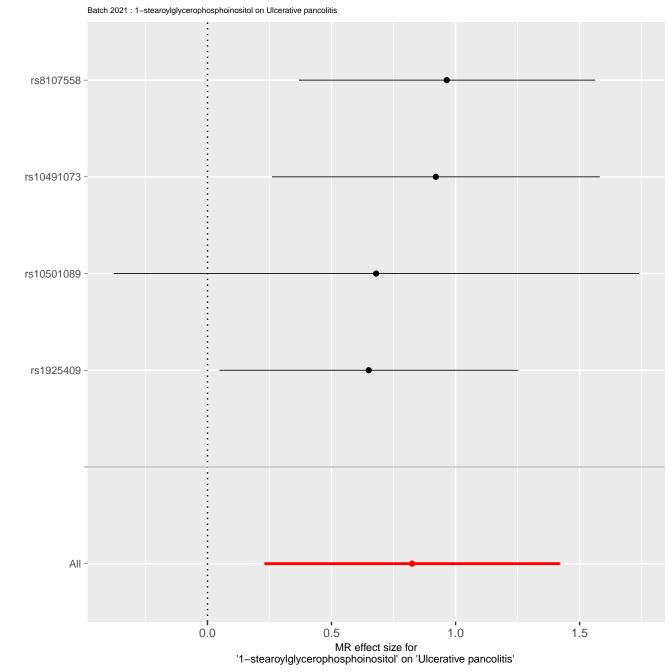
Batch 2013: Gamma-glutamylleucine on Ulcerative pancolitis

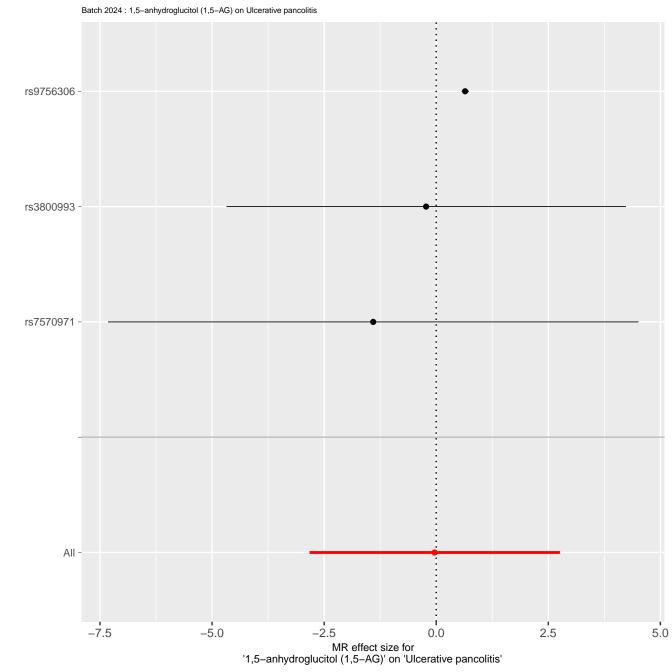


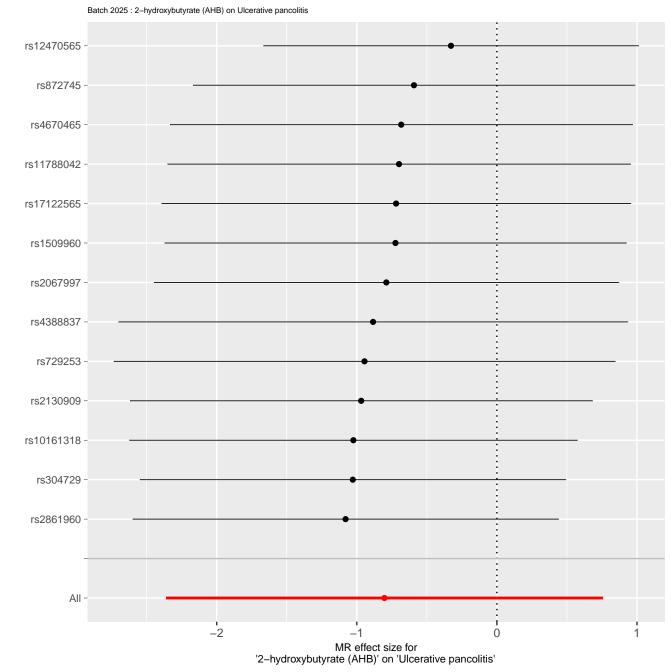


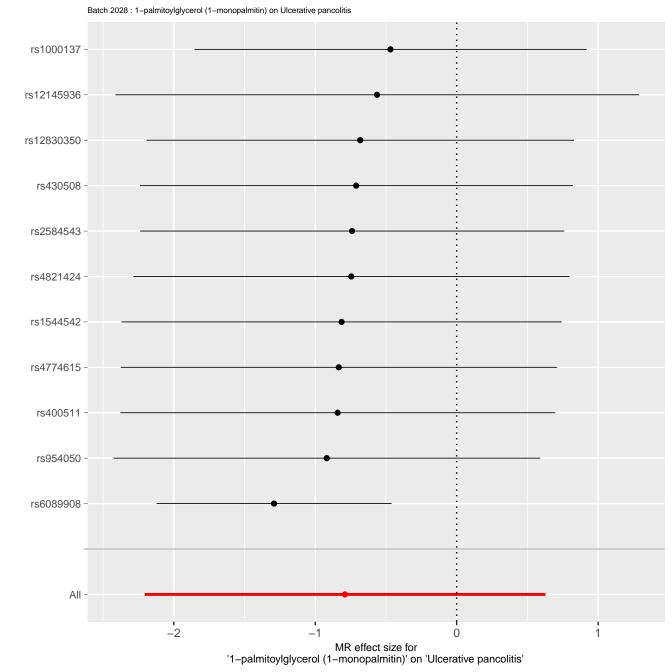


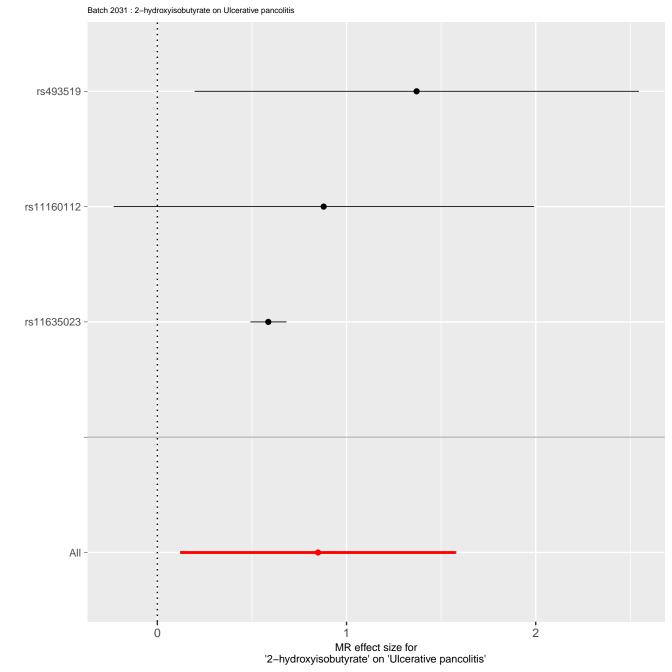


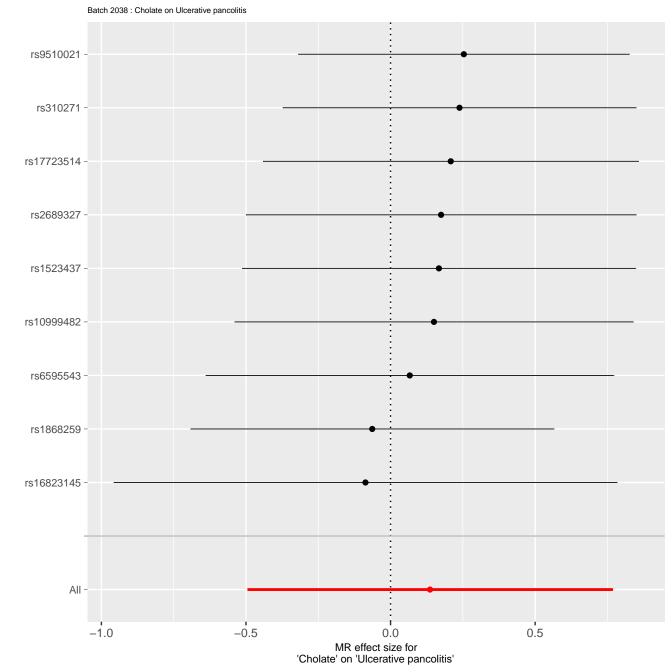


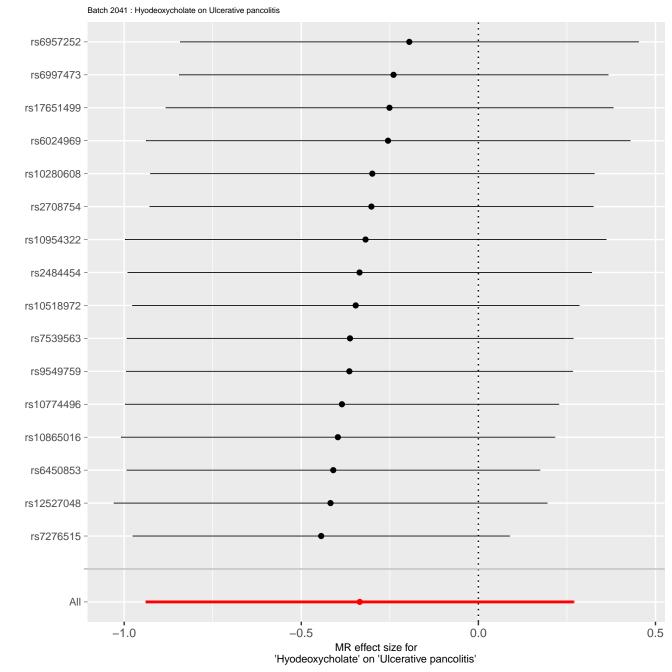


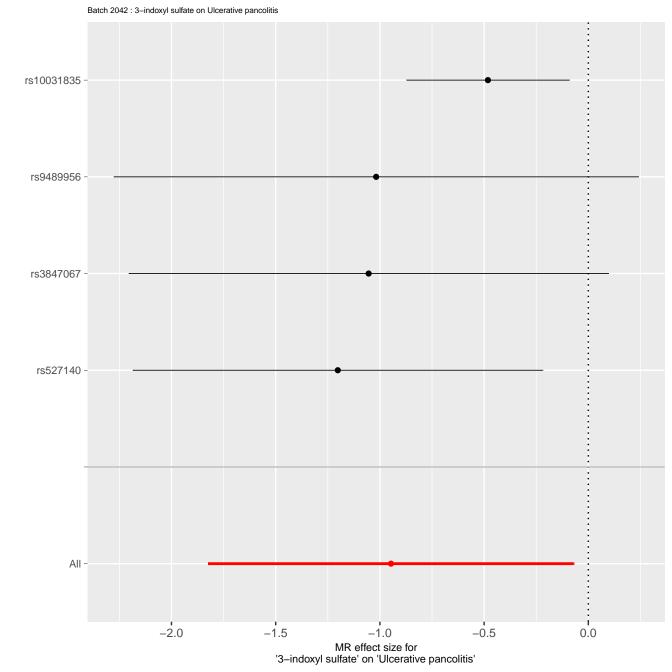


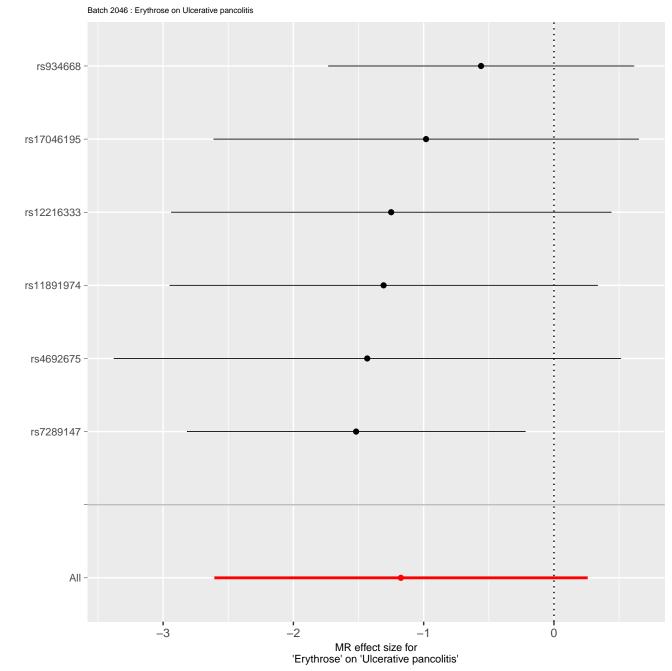








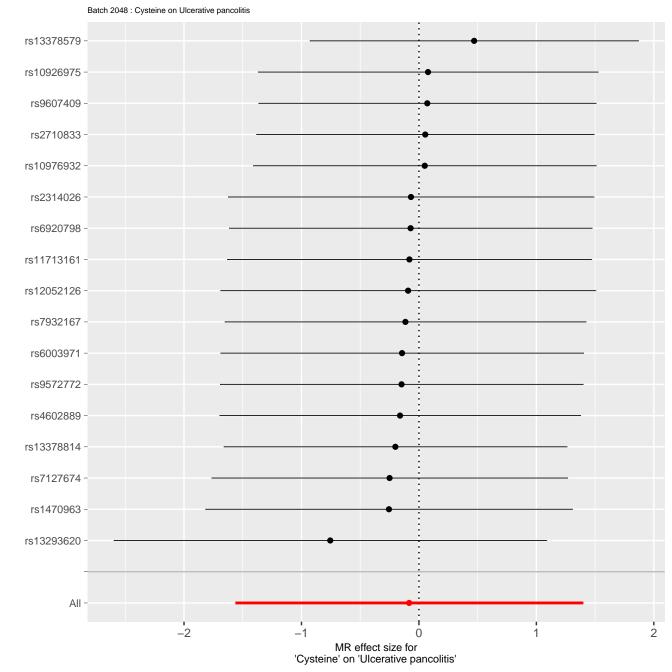


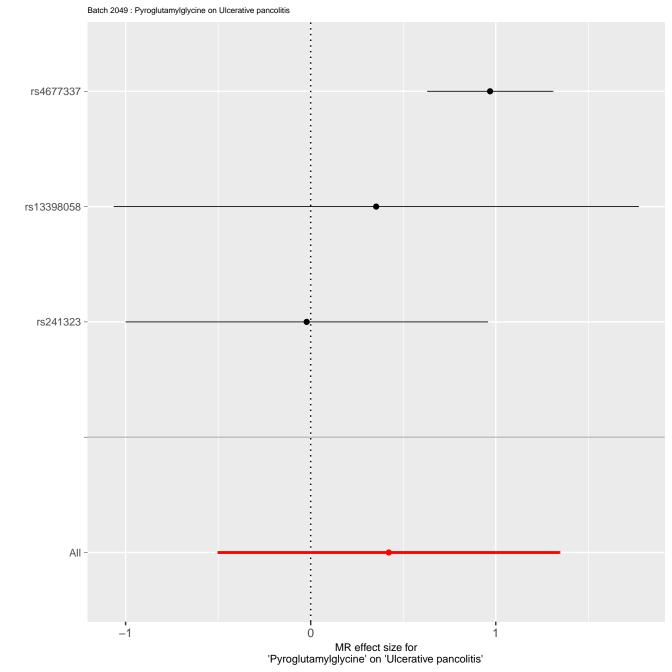


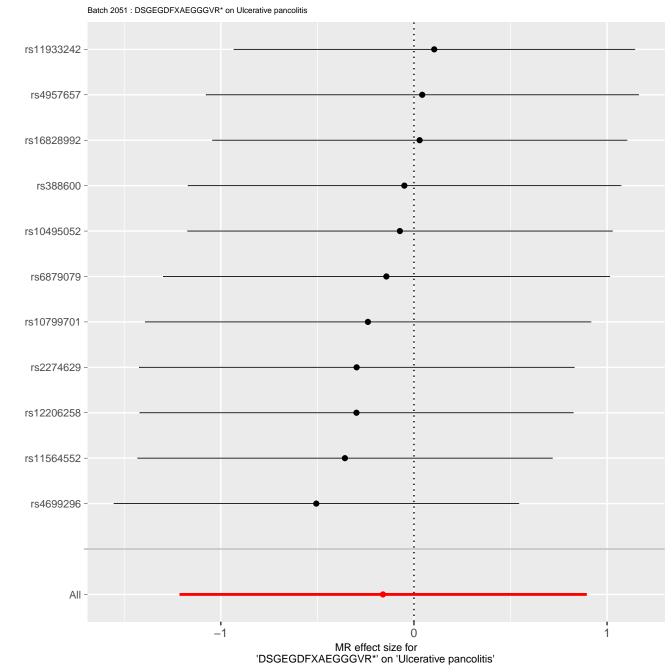
rs7132285 rs12779976 rs2303010 rs10097949 rs13163920 rs8031609 rs3766606 rs7993666 rs892429 rs306472 rs10512185 rs576266 rs2257061 rs12447958 rs7216075 rs11914582 rs7332927 rs9572687 -All --0.5 0.5 0.0 MR effect size for

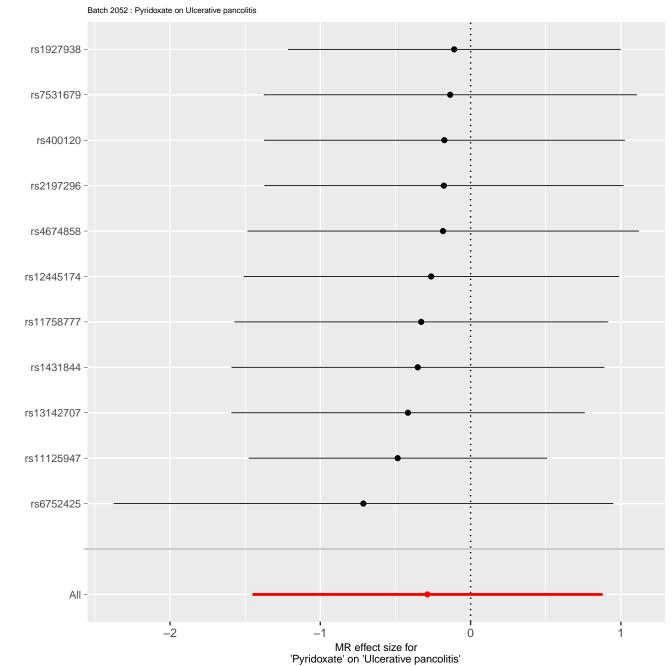
'Threonate' on 'Ulcerative pancolitis'

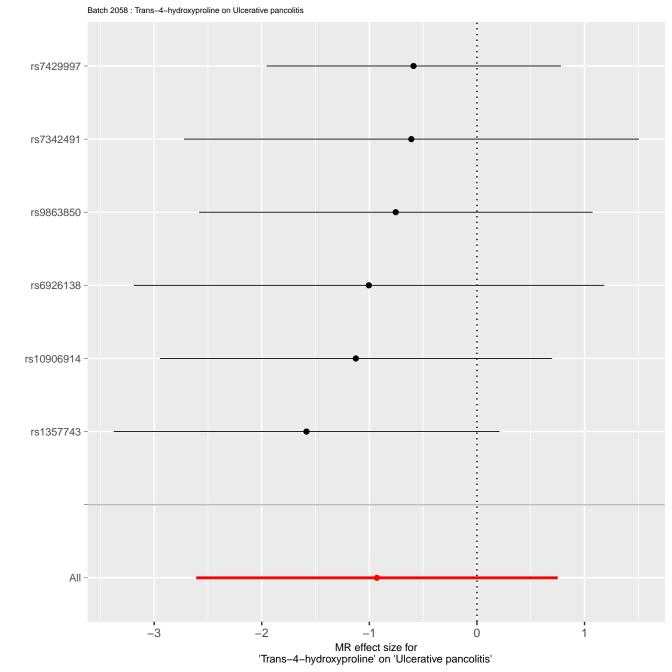
Batch 2047: Threonate on Ulcerative pancolitis

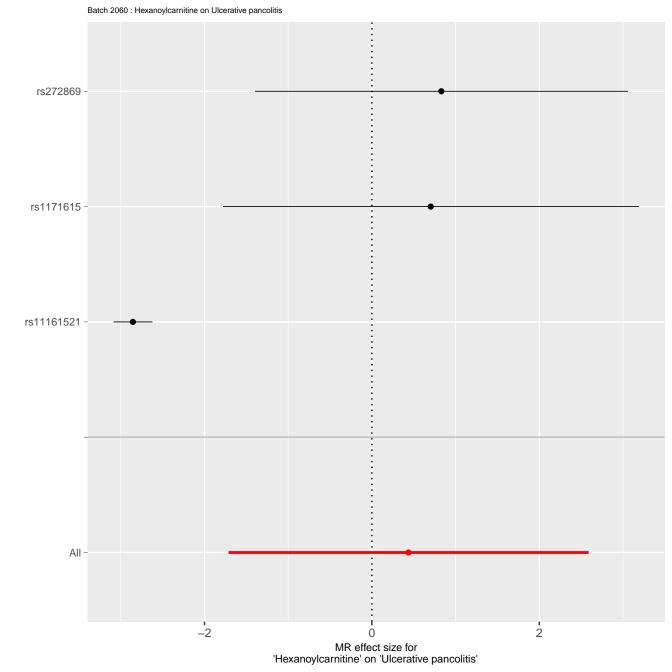


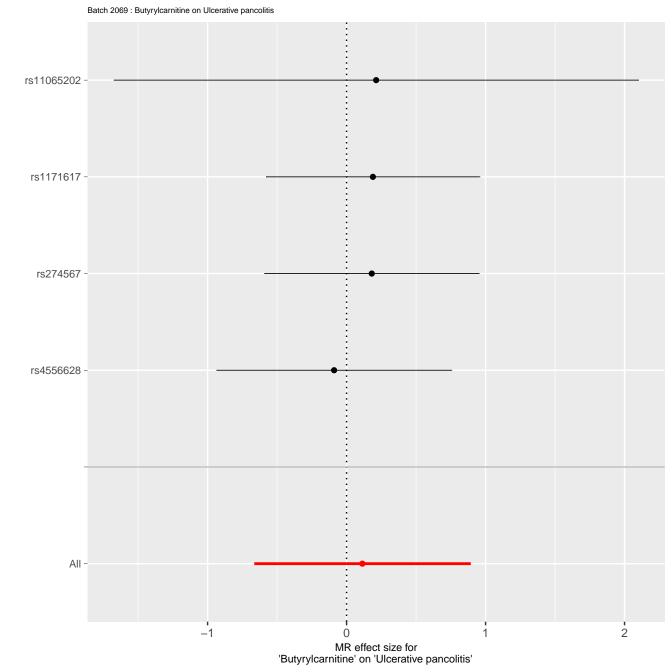


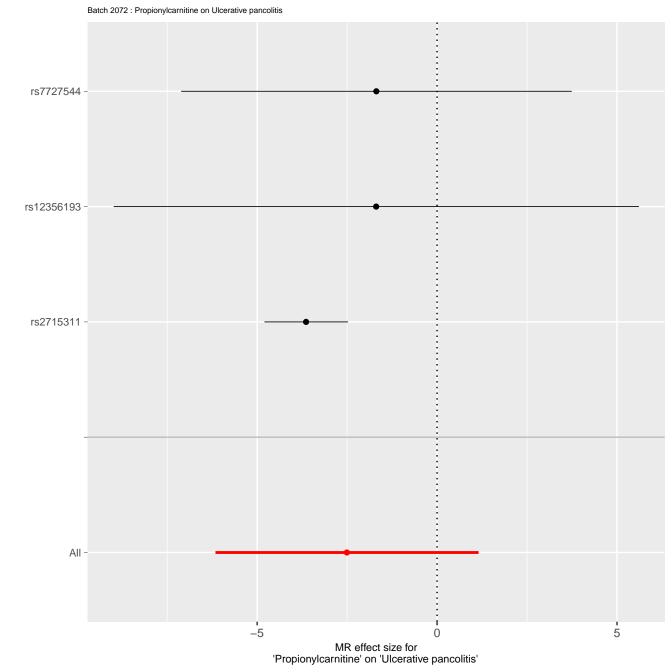








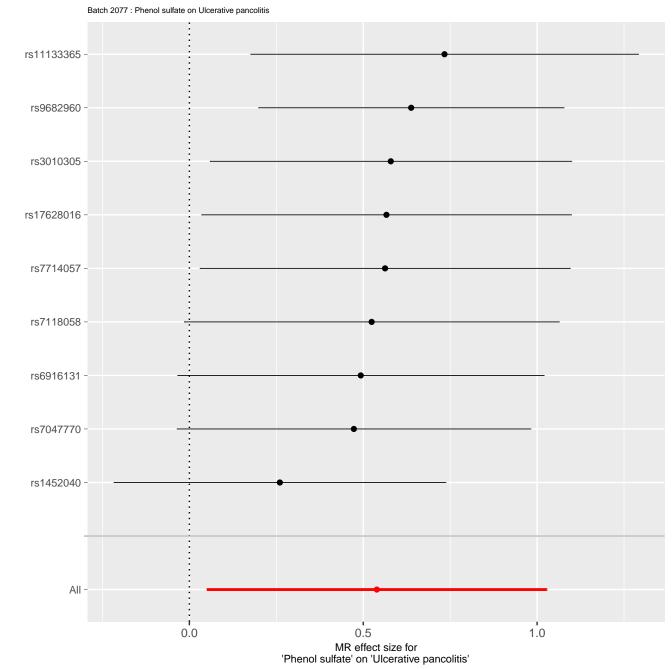


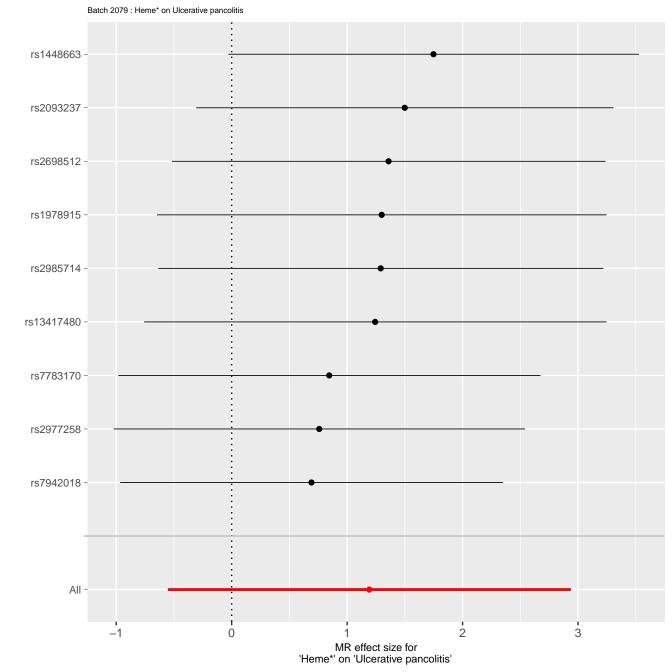


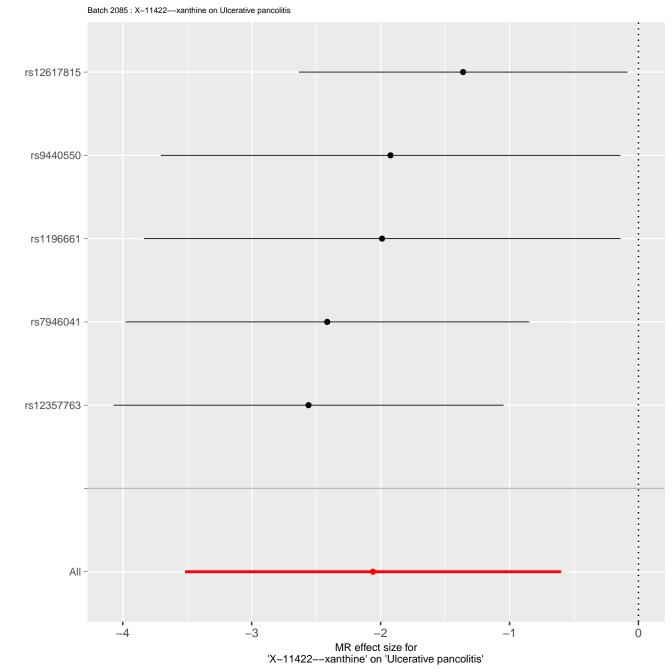
MR effect size for 'Caproate (6:0)' on 'Ulcerative pancolitis'

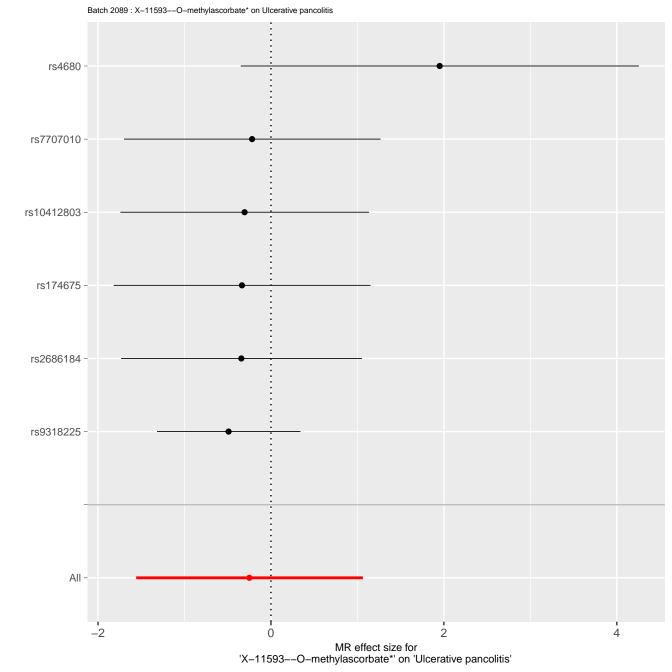
-1

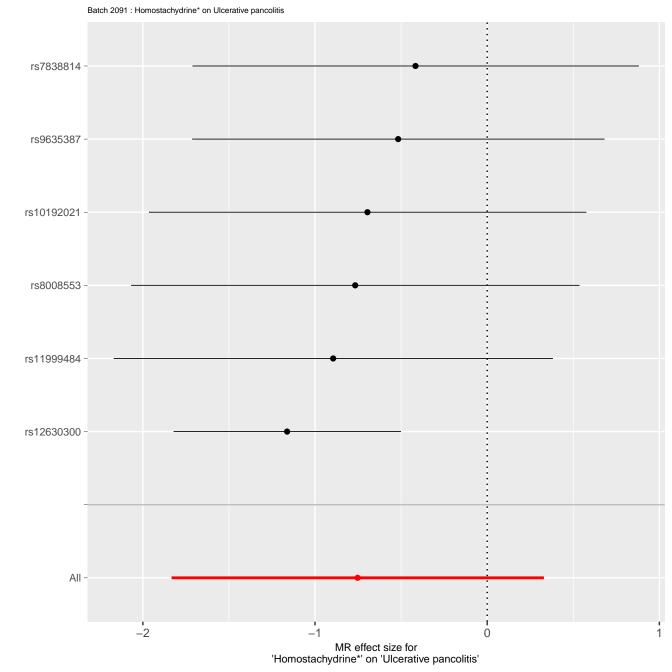
0

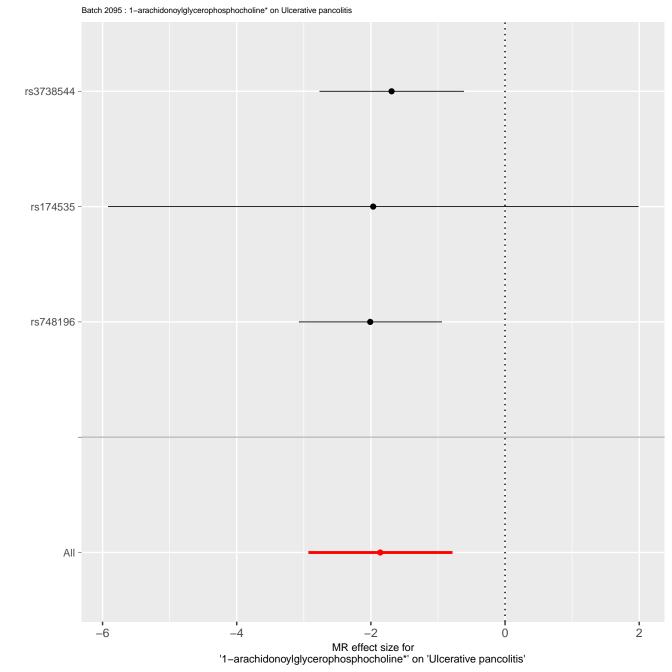


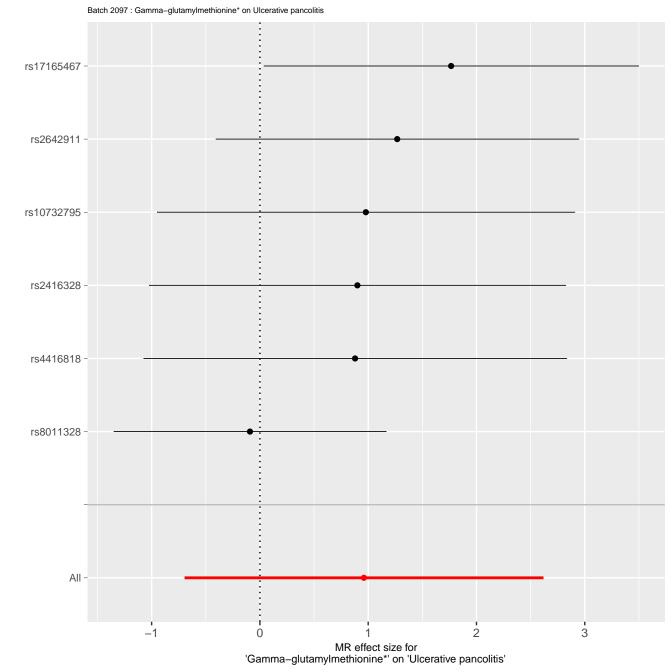


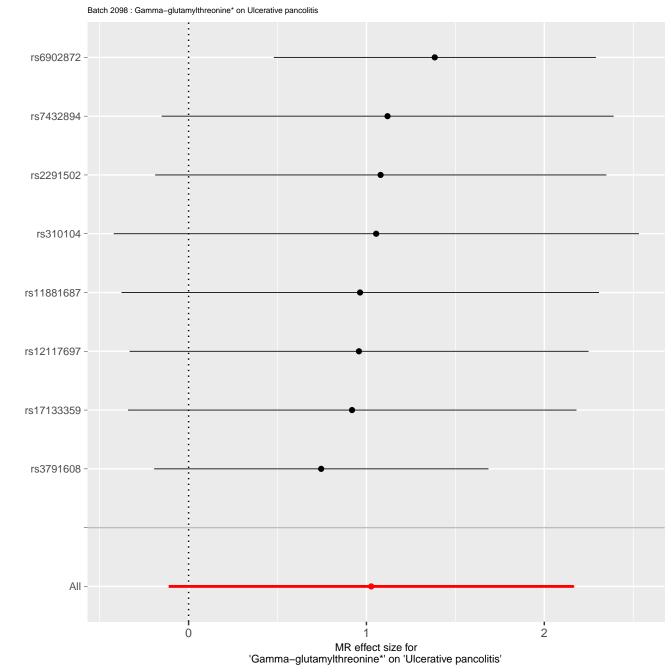


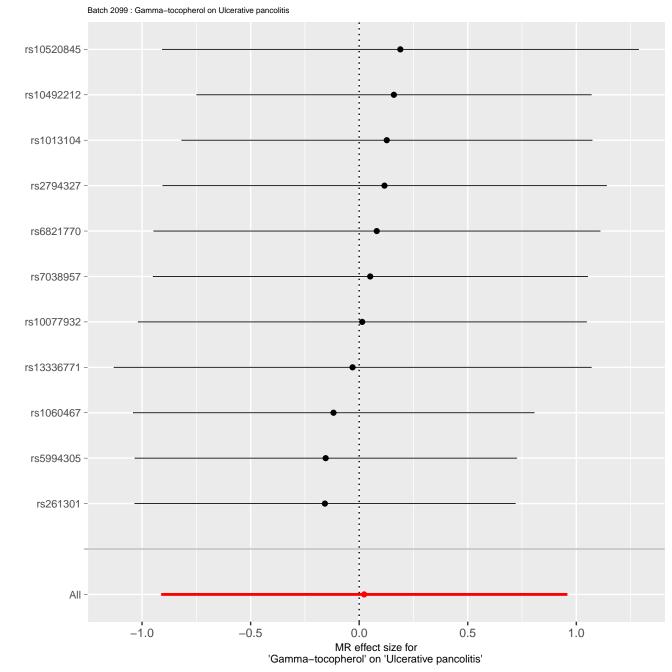






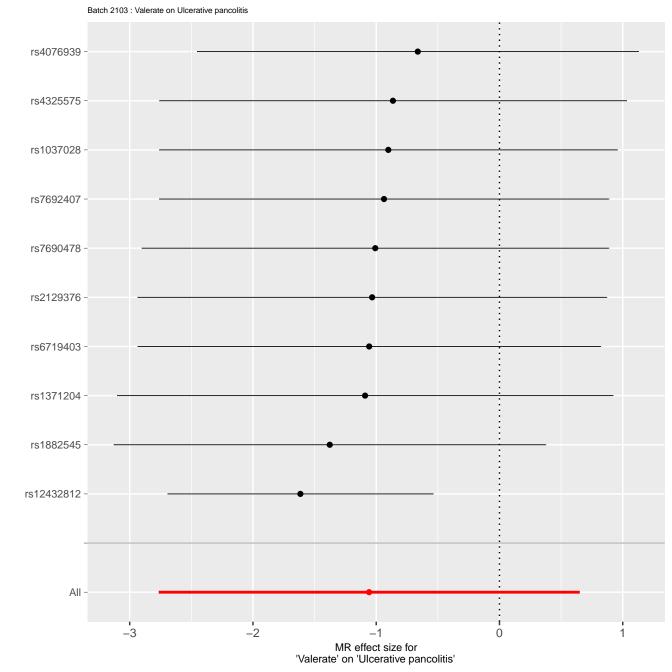


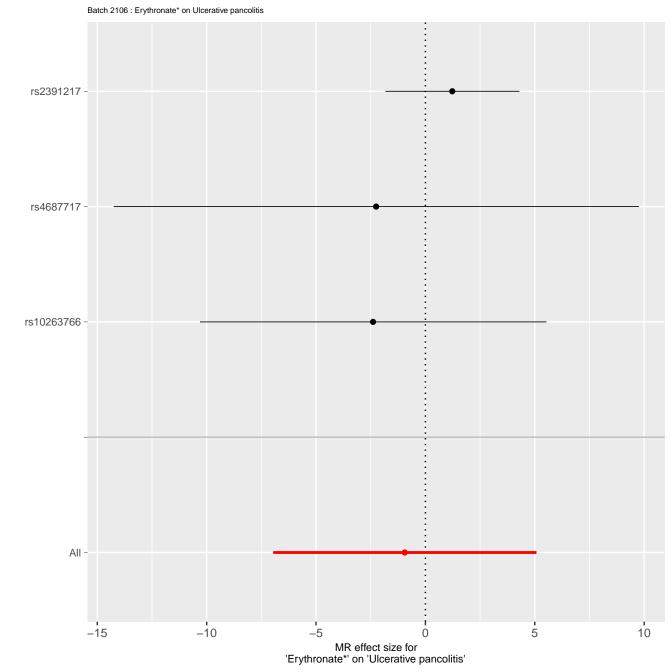


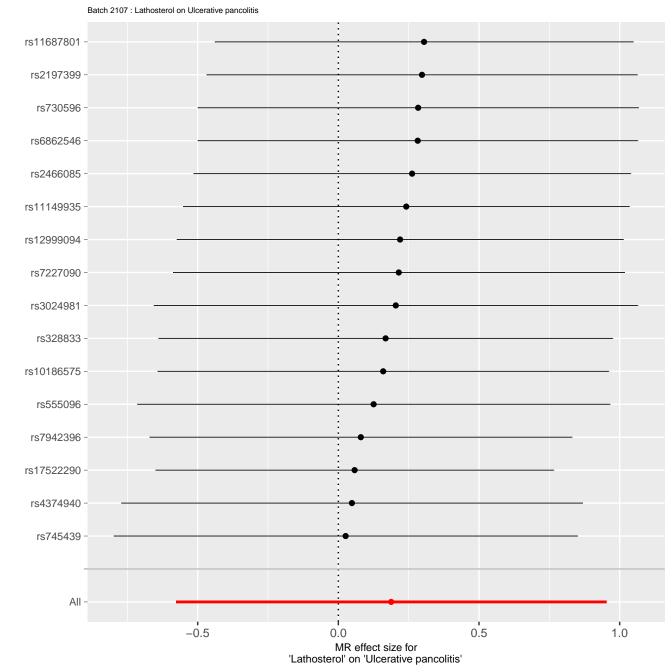


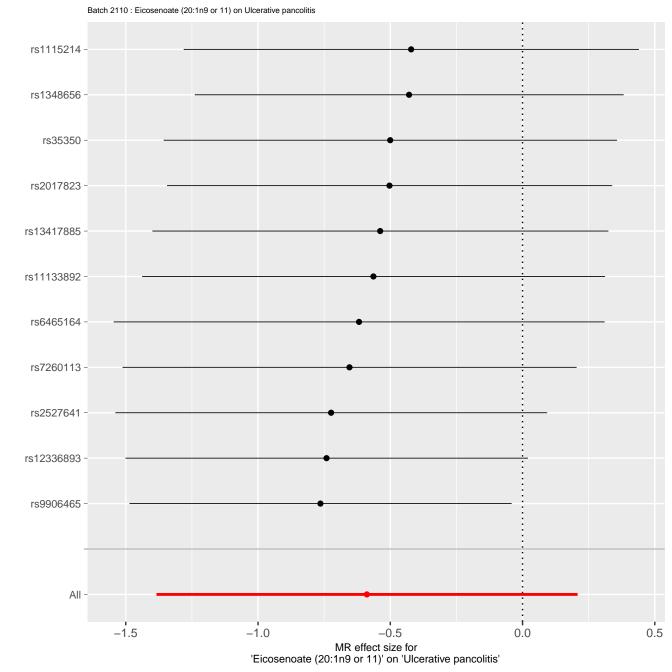
'Pseudouridine' on 'Ulcerative pancolitis'

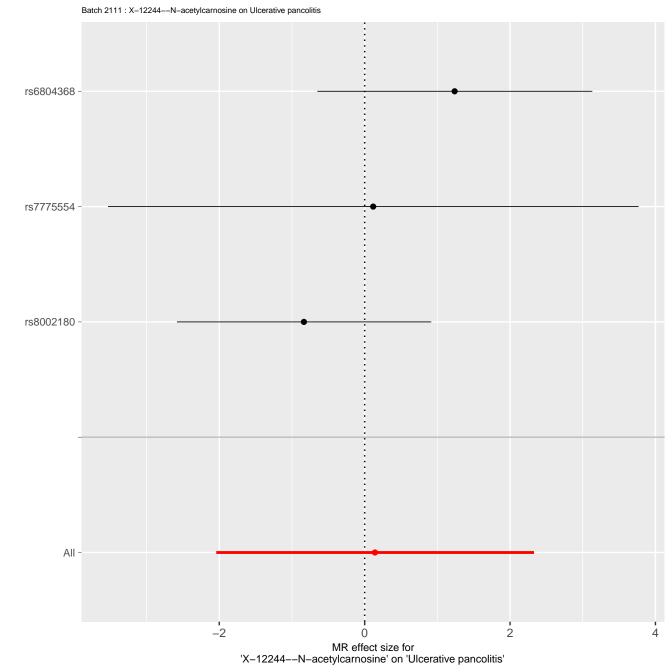
Batch 2102: Pseudouridine on Ulcerative pancolitis

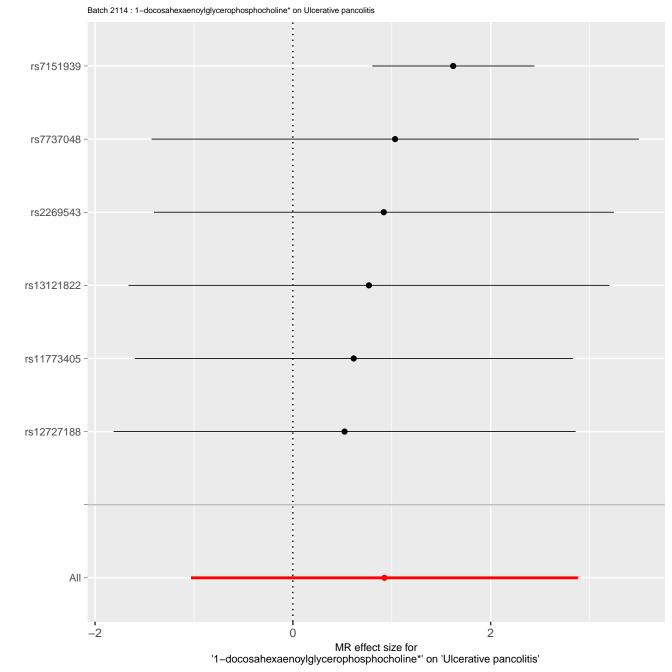


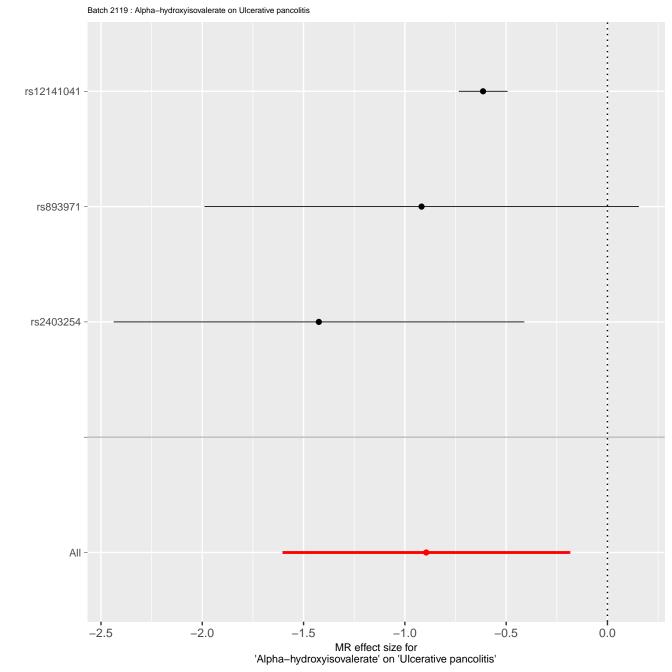


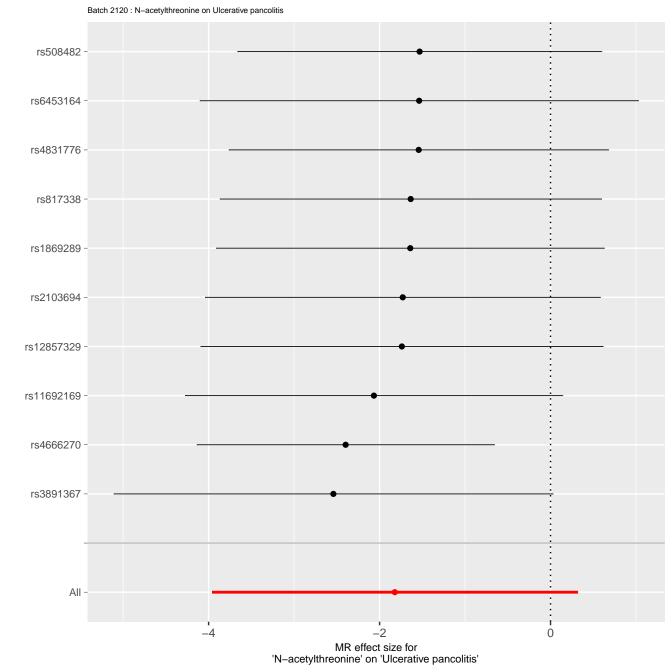


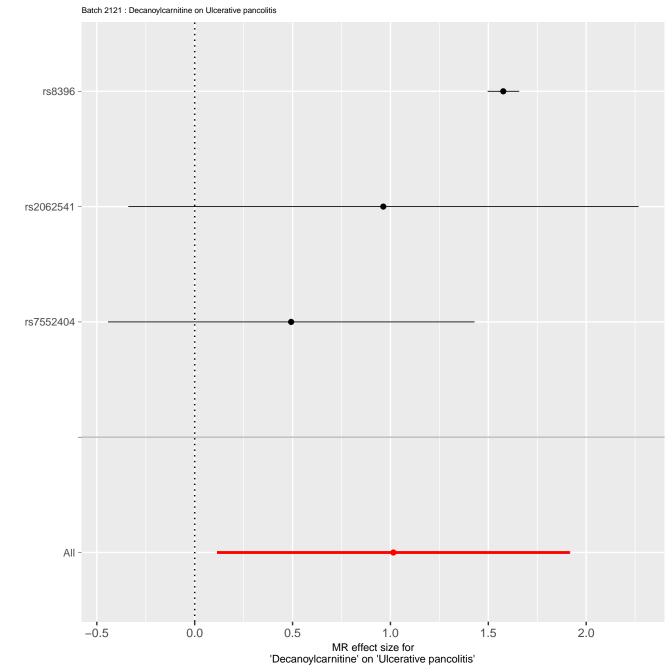


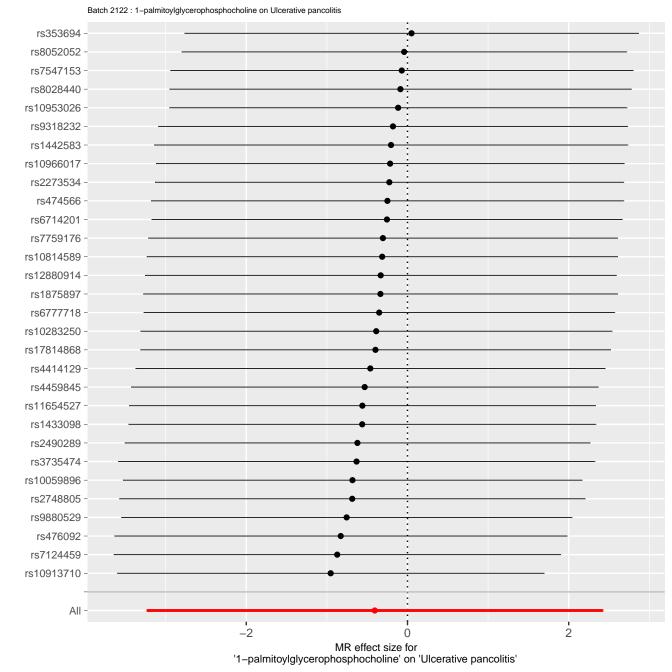


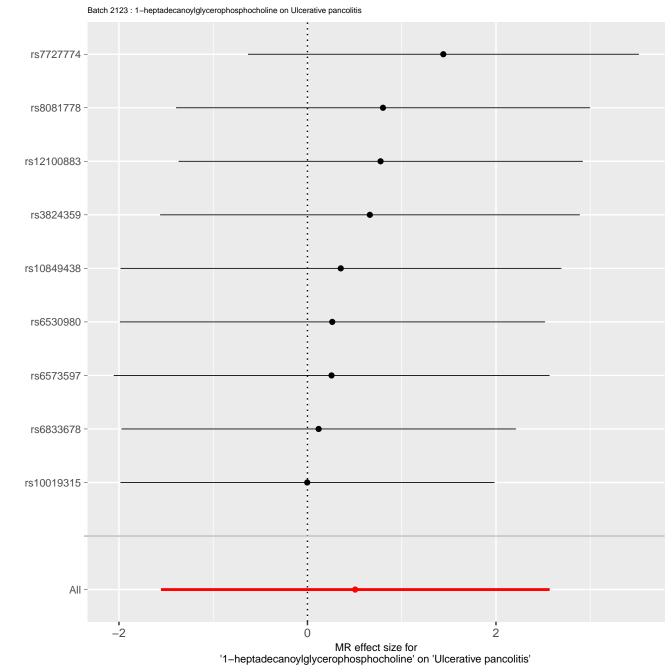


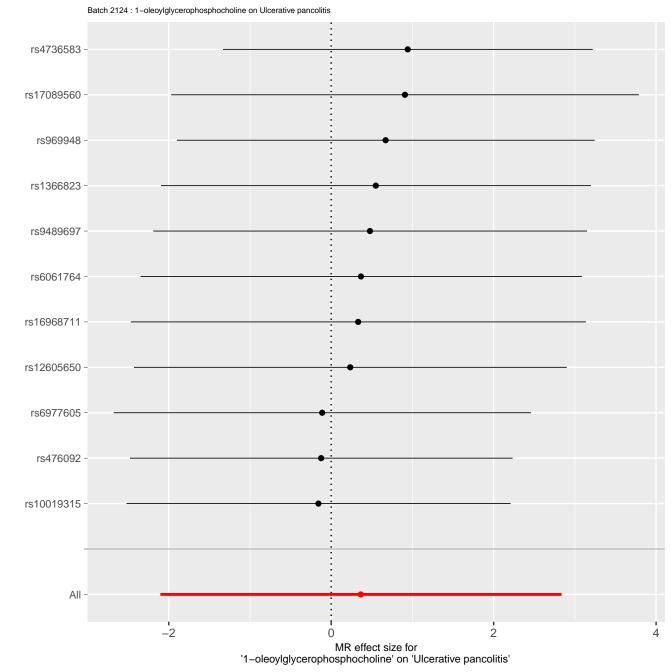


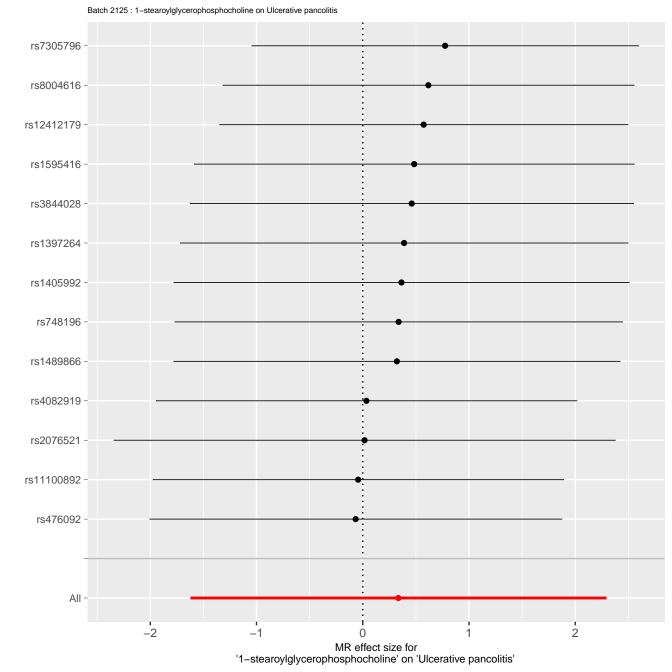


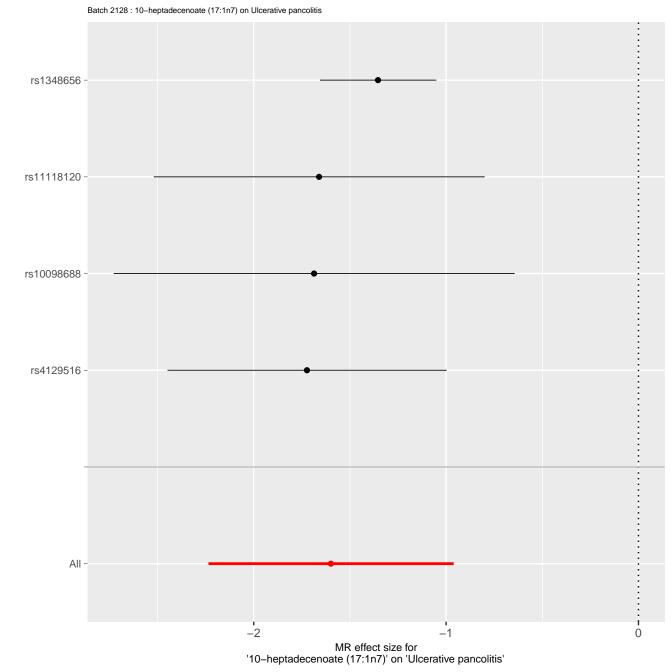


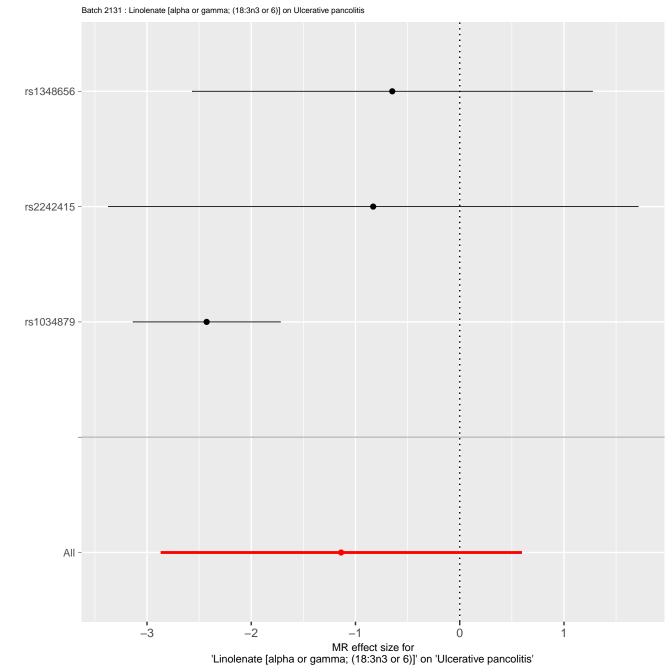


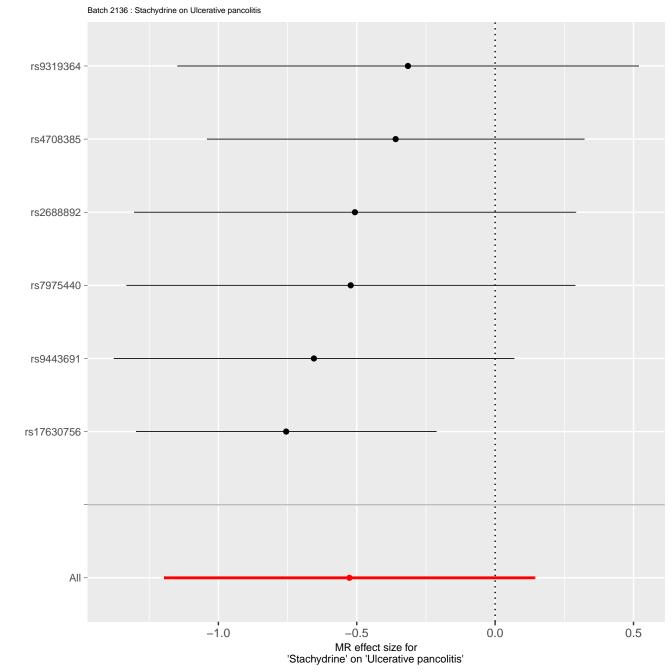


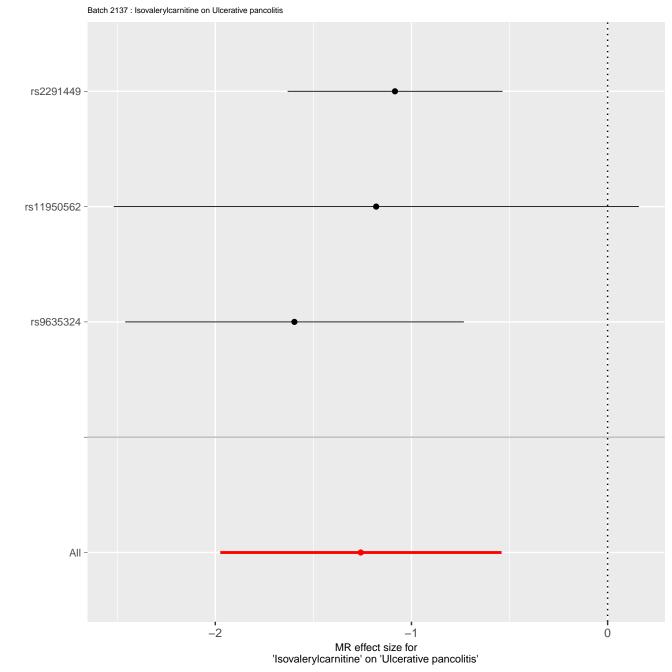


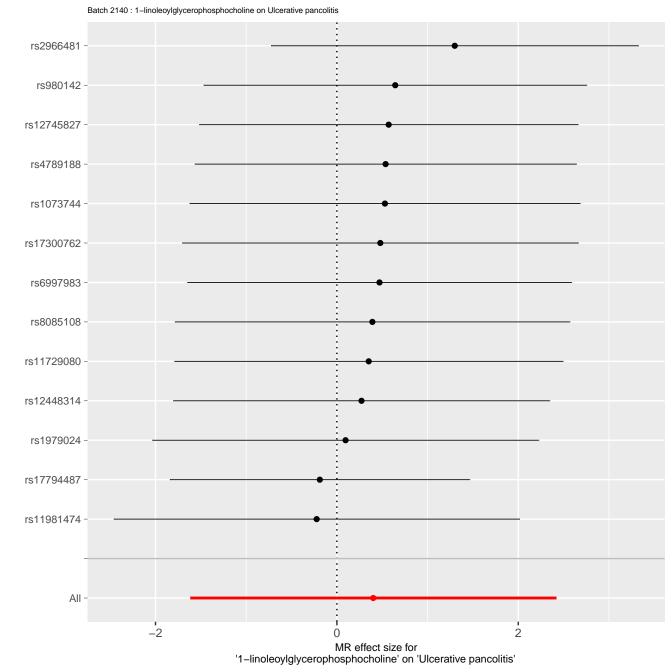


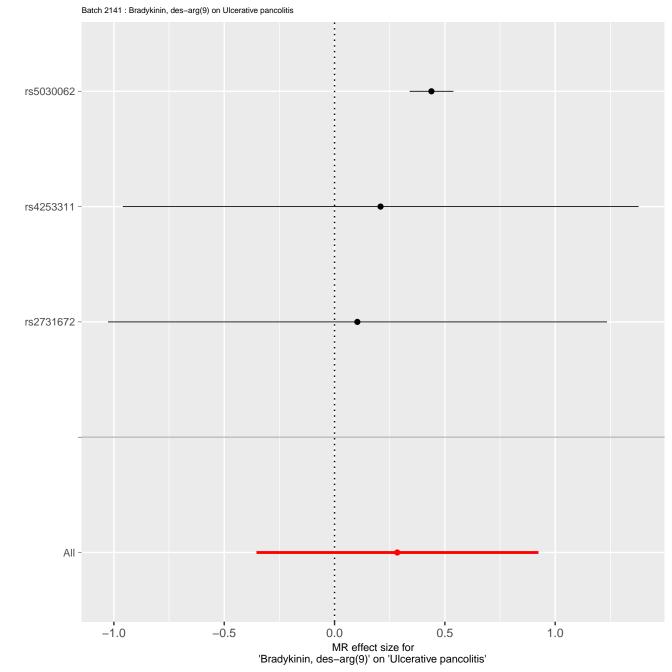


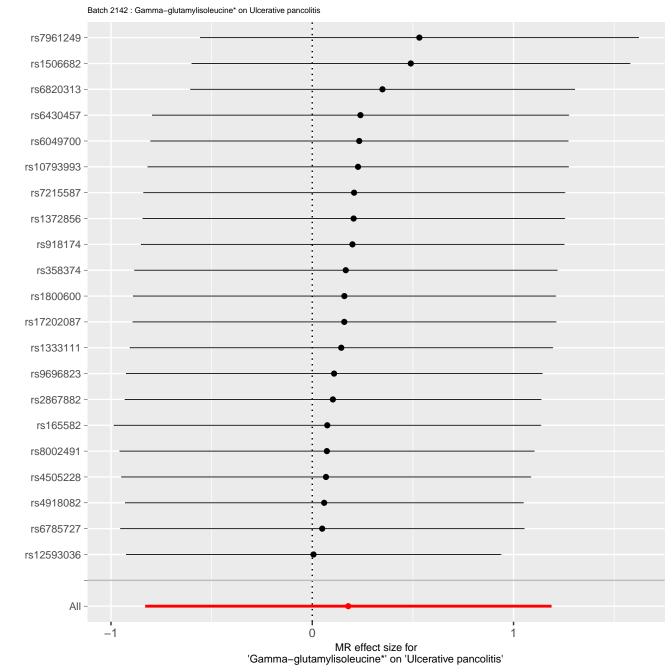


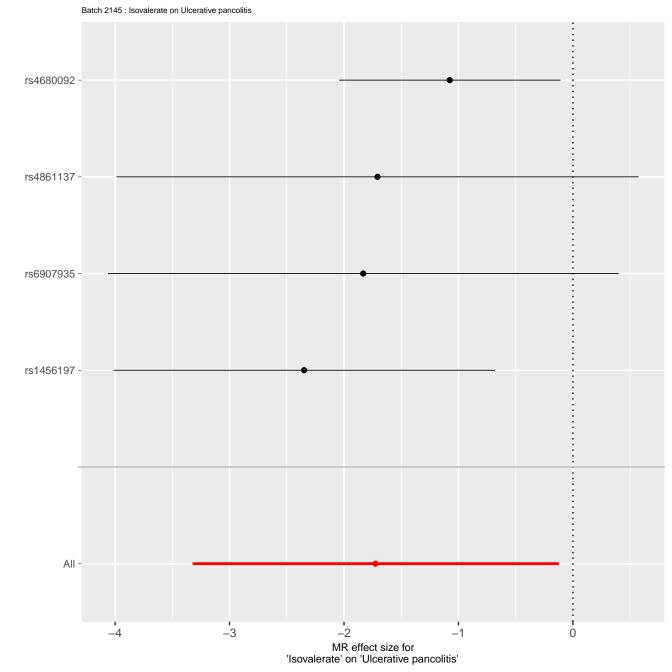


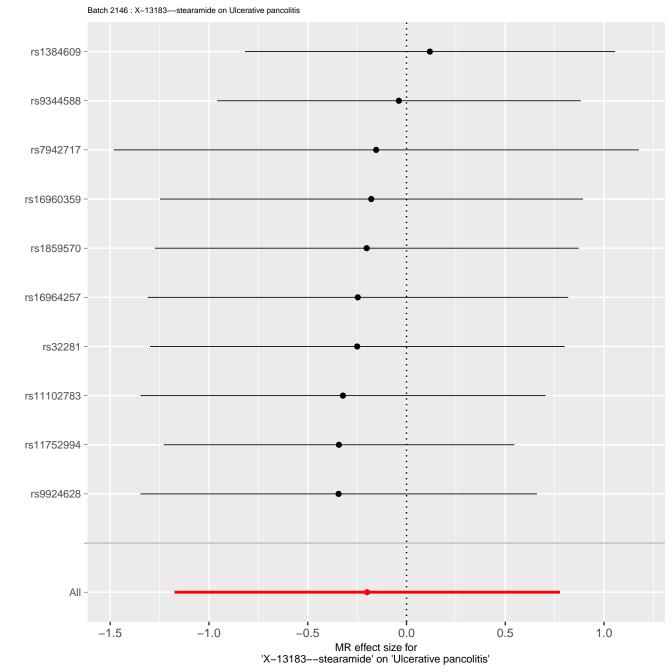


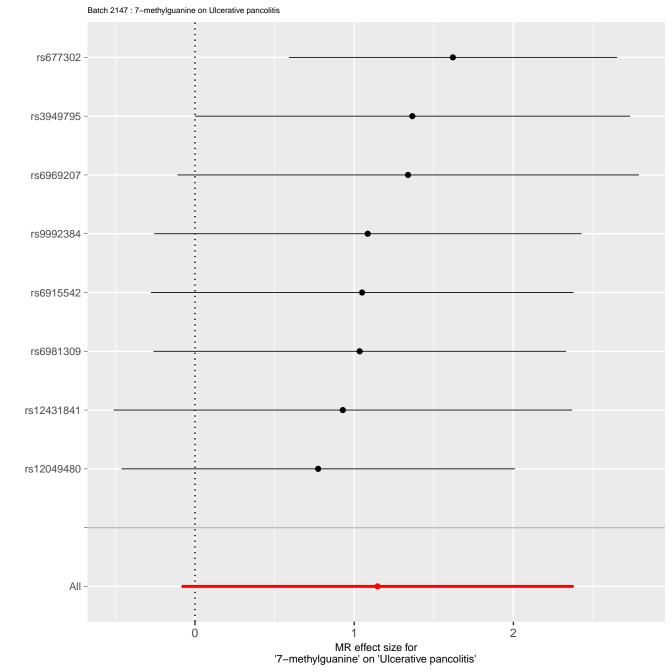


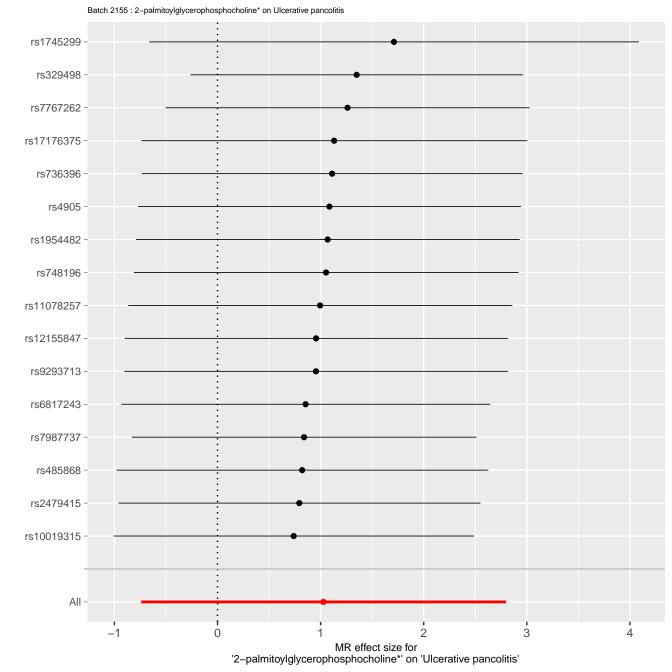


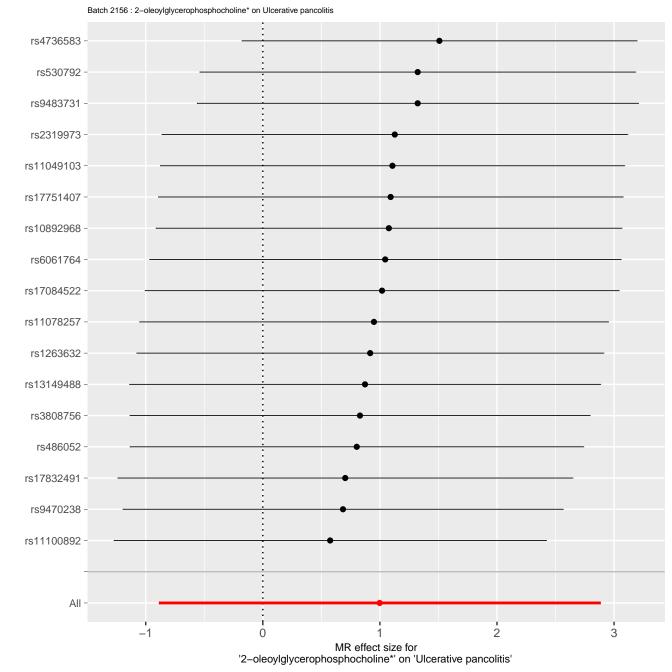


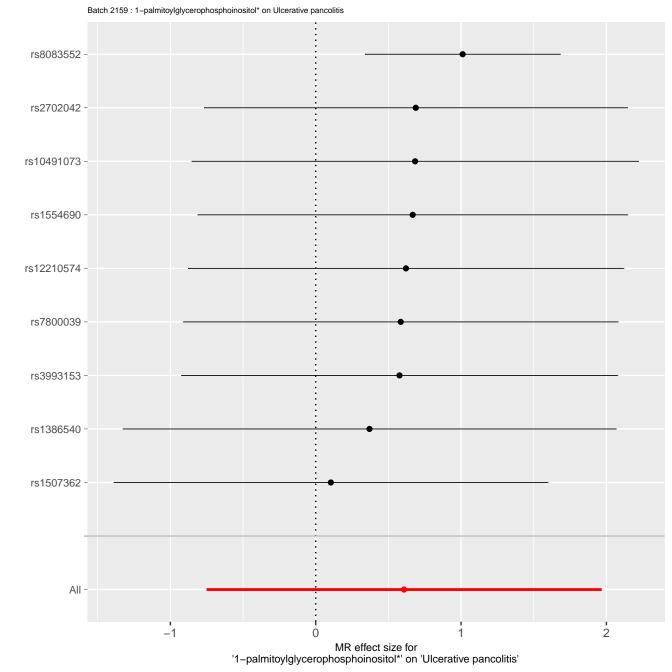


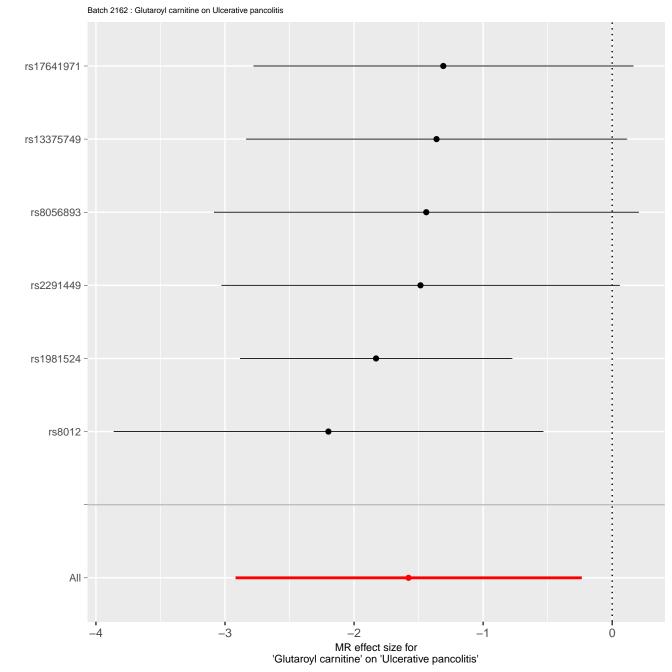






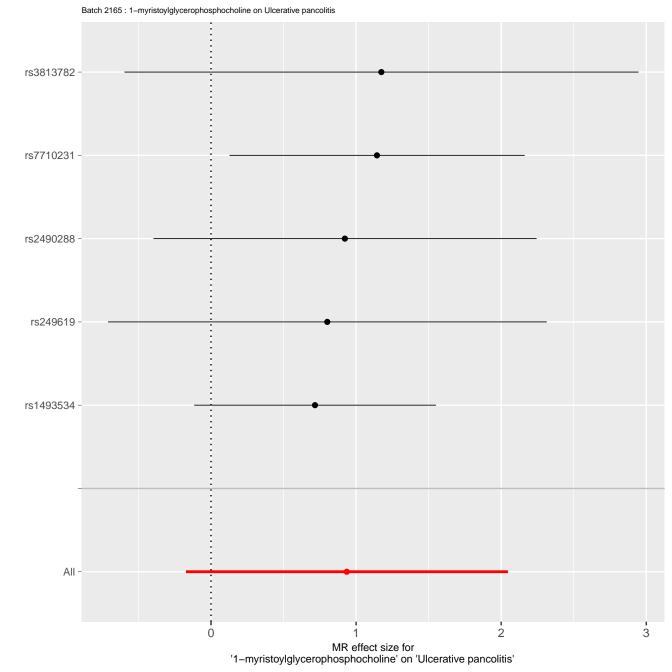


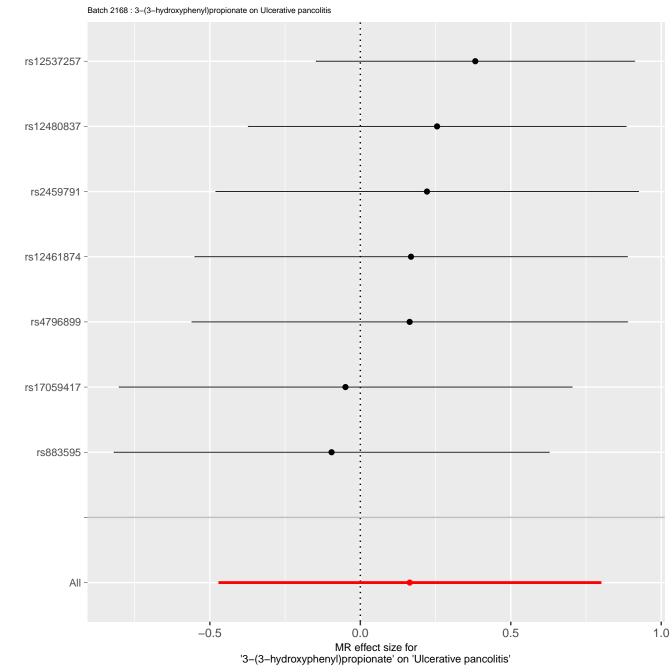


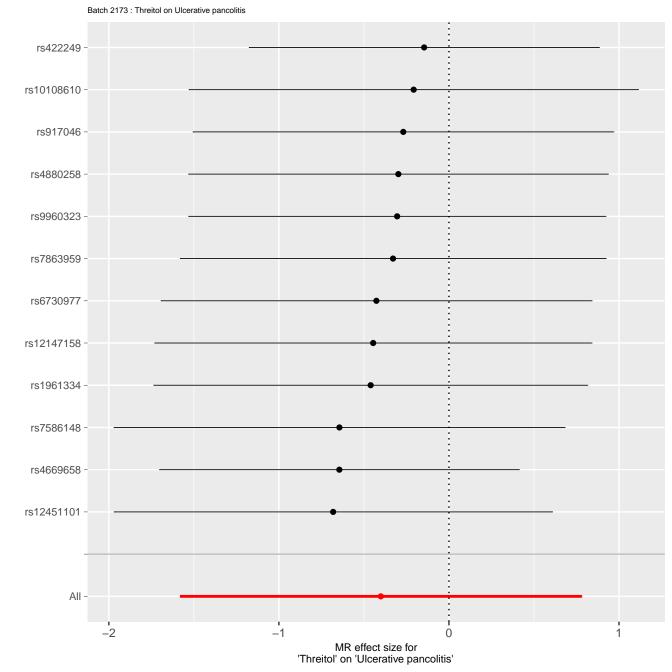


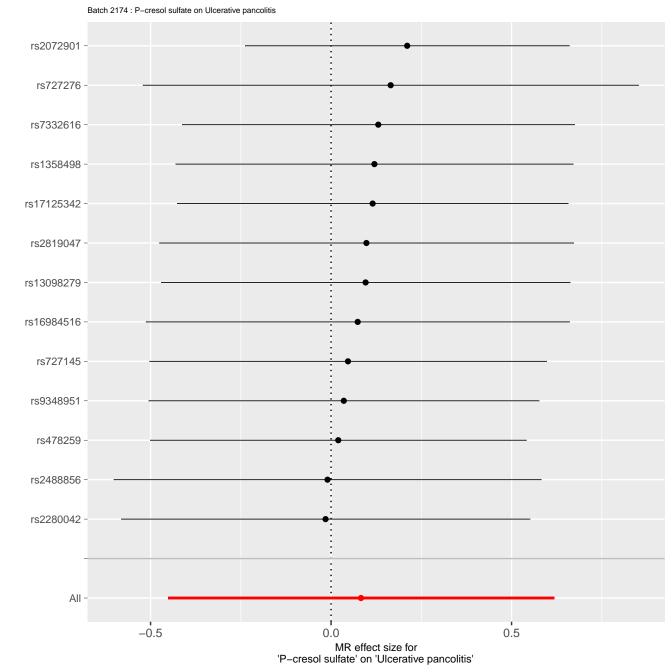
Batch 2164 : 4-hydroxyhippurate on Ulcerative pancolitis rs8054116 rs11932470 rs1551864 rs1948766 rs1439737 rs9417900 rs12422389 rs9580319 -All --1.0 -0.5 0.5 1.0 0.0 MR effect size for

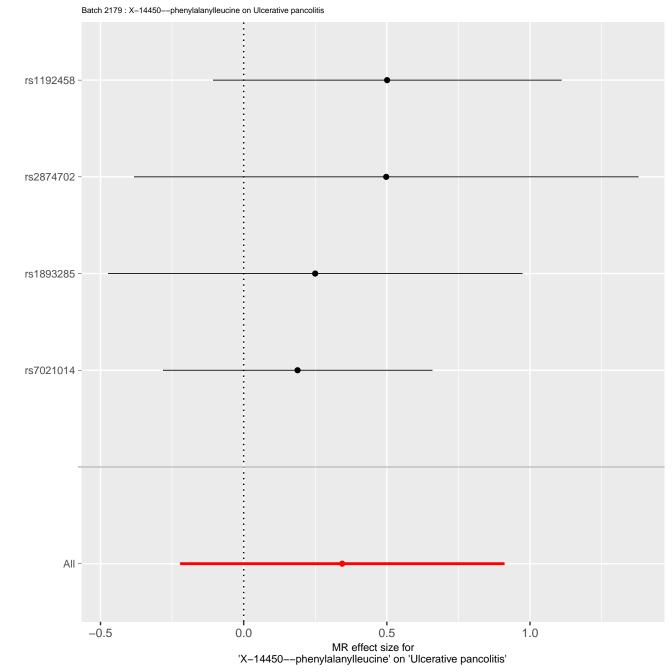
'4-hydroxyhippurate' on 'Ulcerative pancolitis'

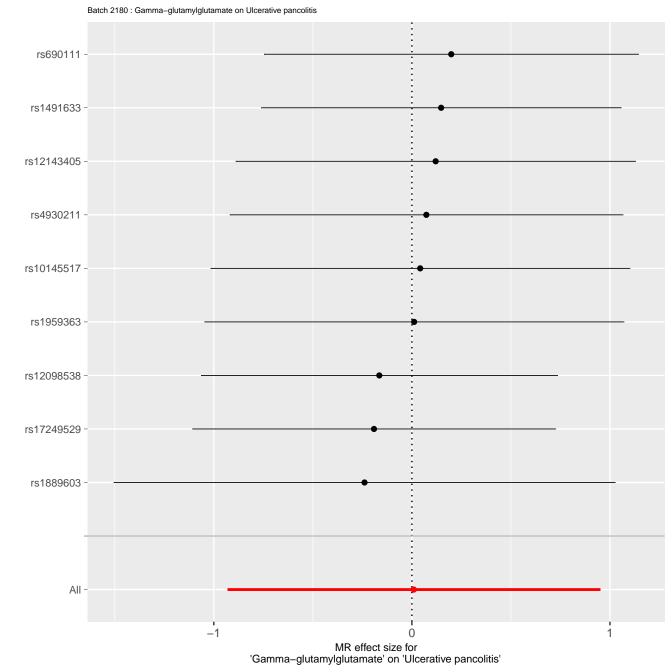


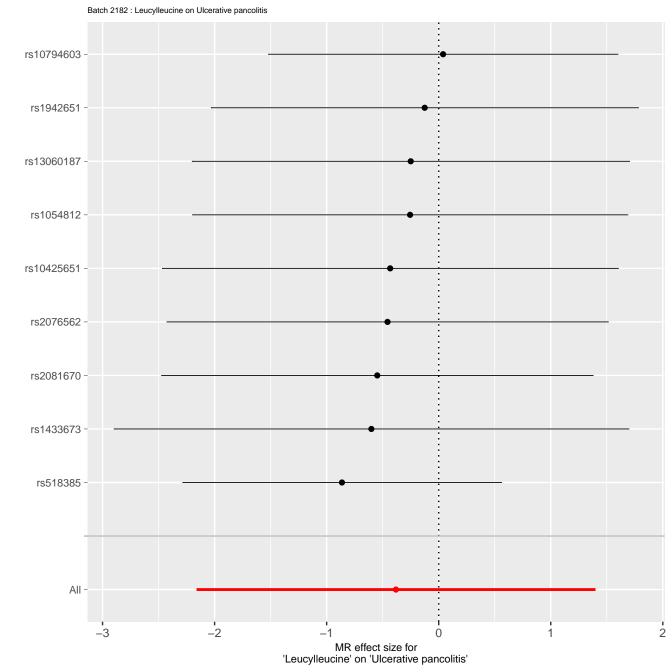


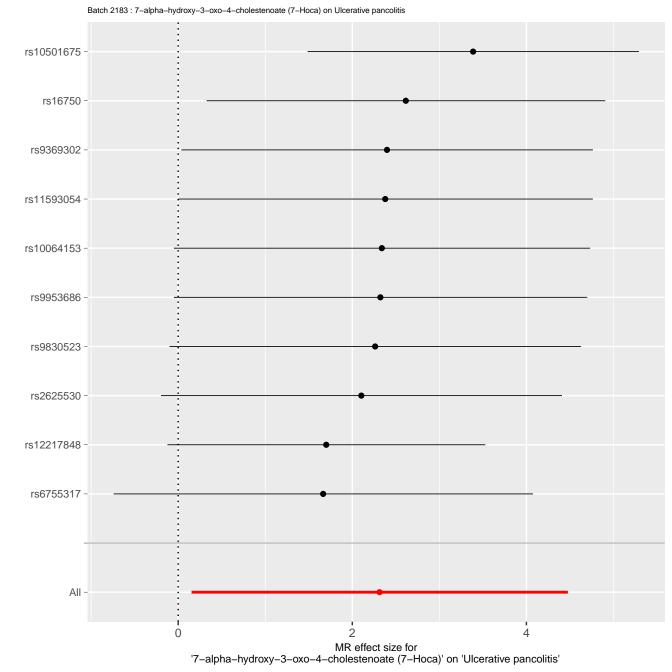


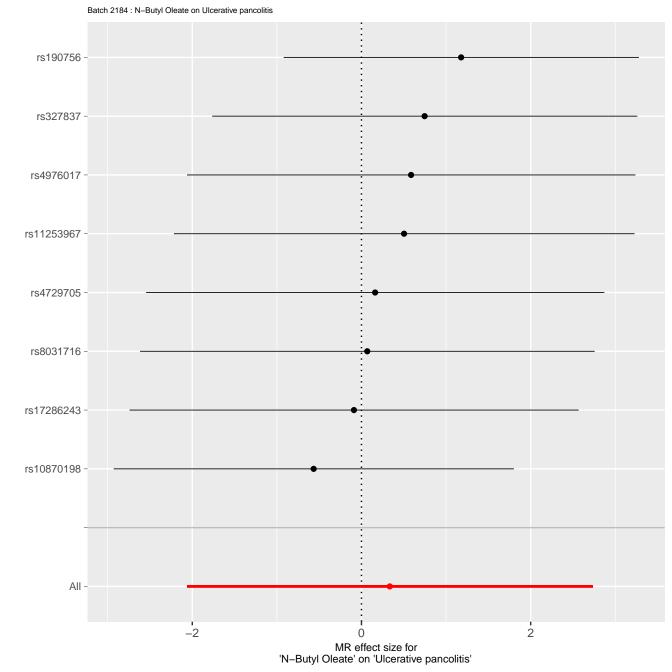


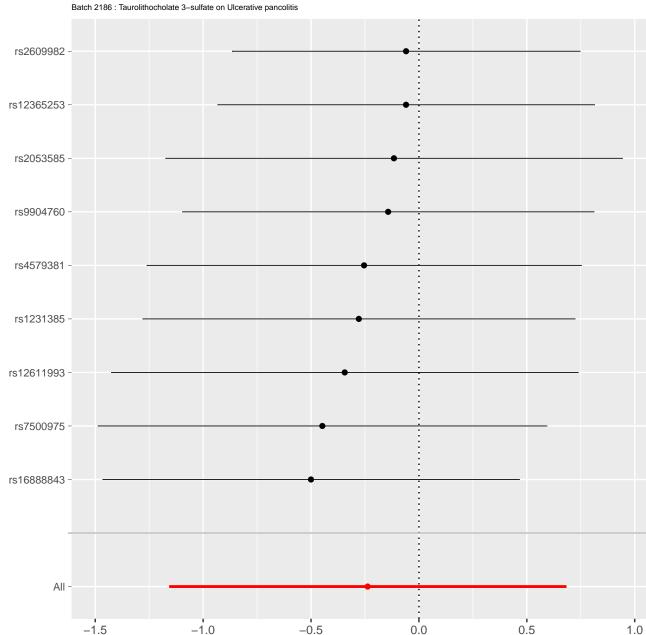






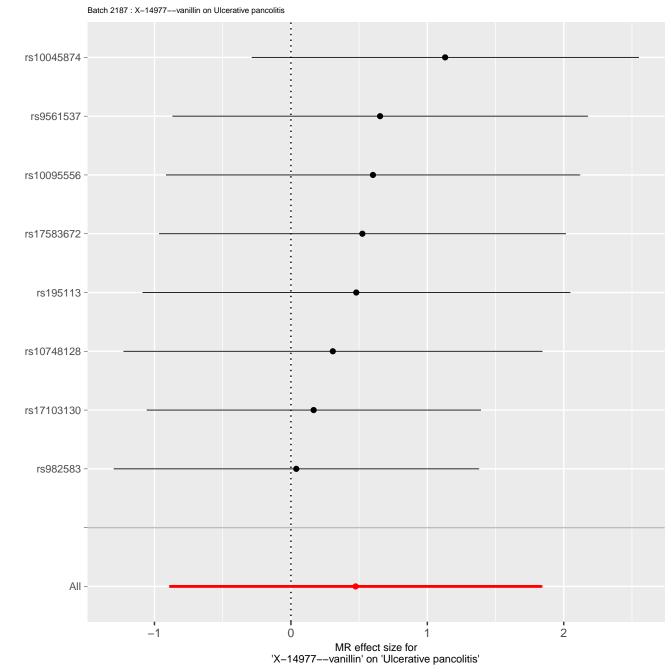


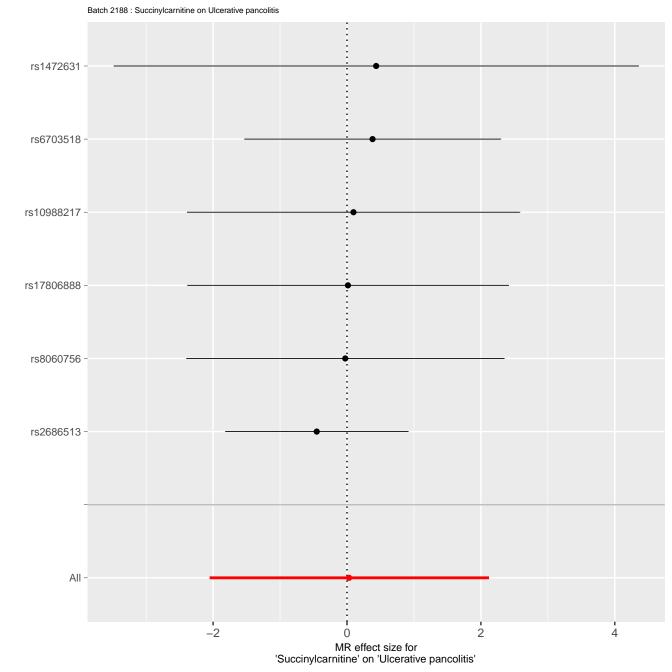


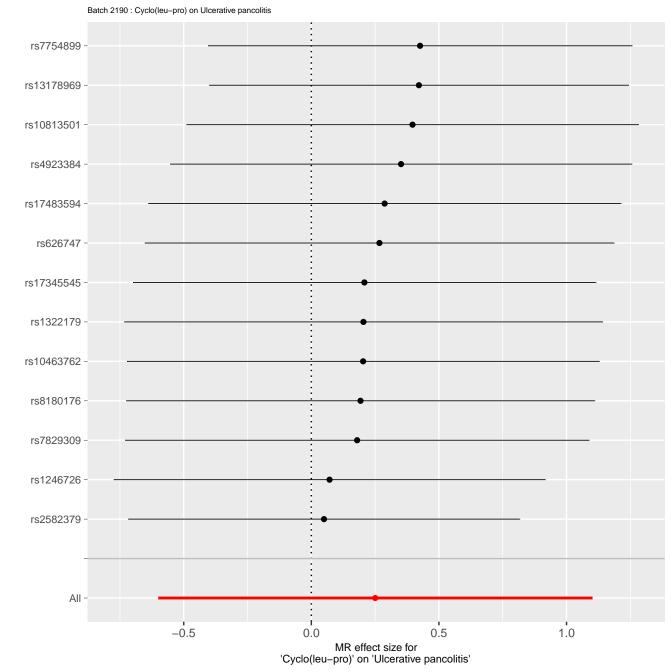


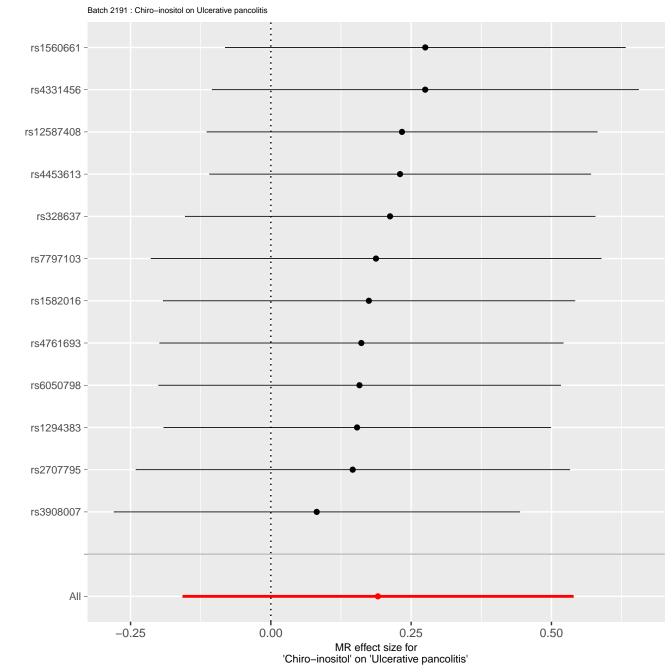
-1.0 -0.5 0.0

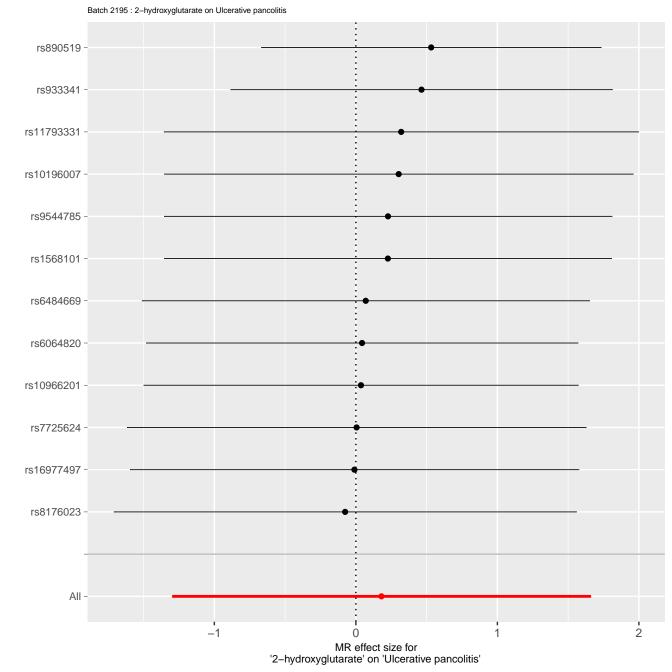
MR effect size for
'Taurolithocholate 3-sulfate' on 'Ulcerative pancolitis'

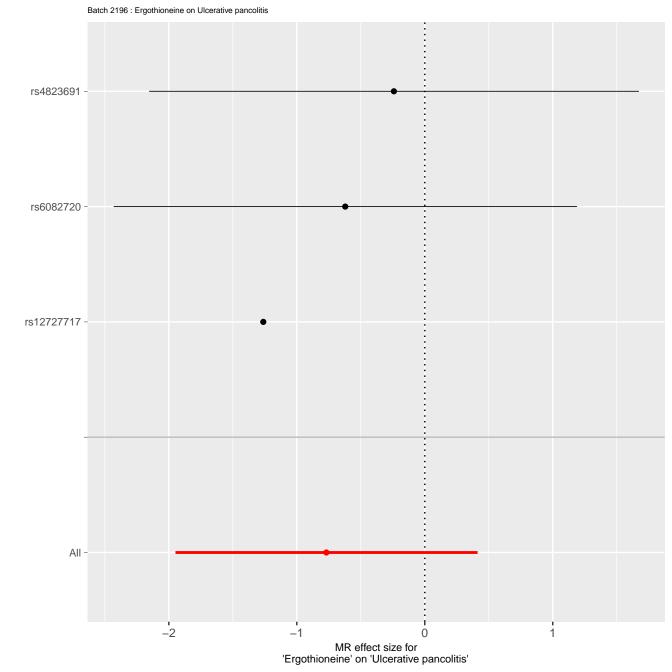


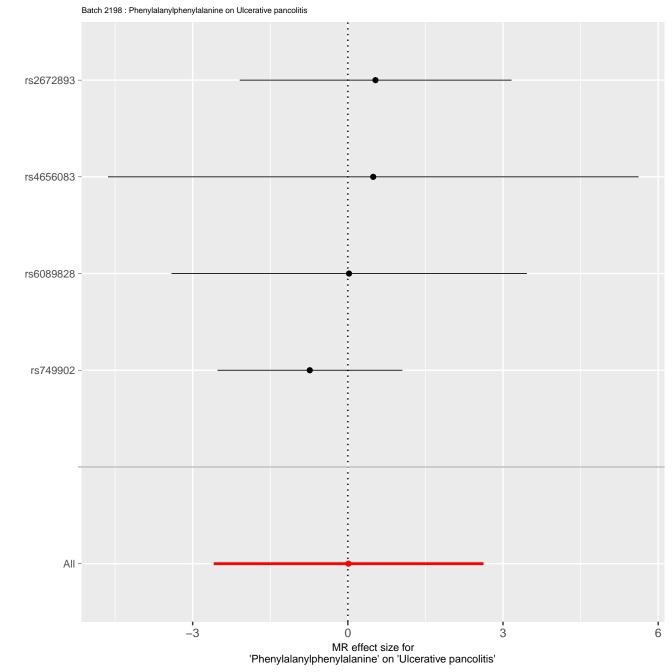


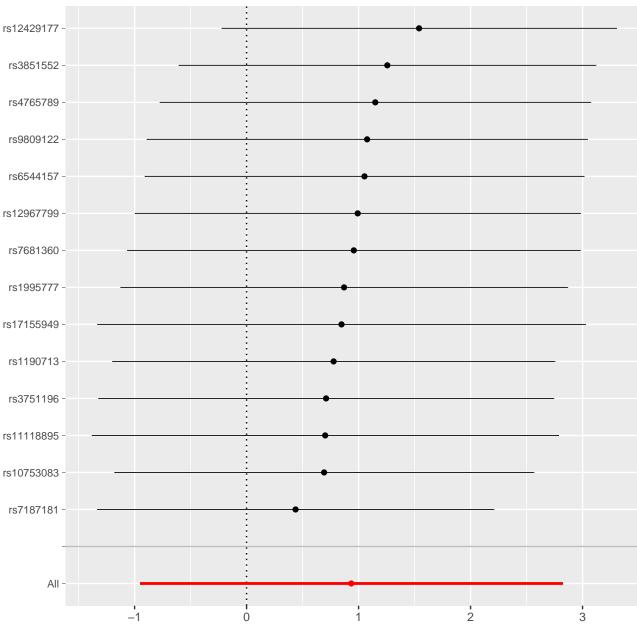






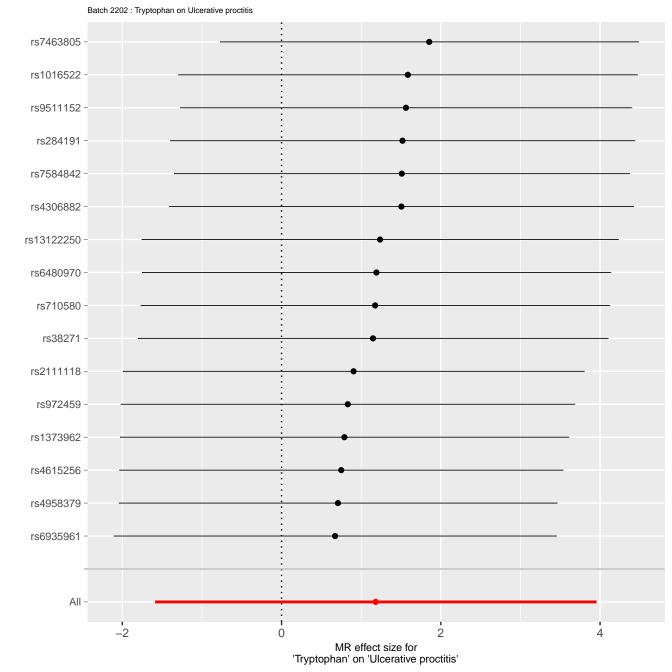


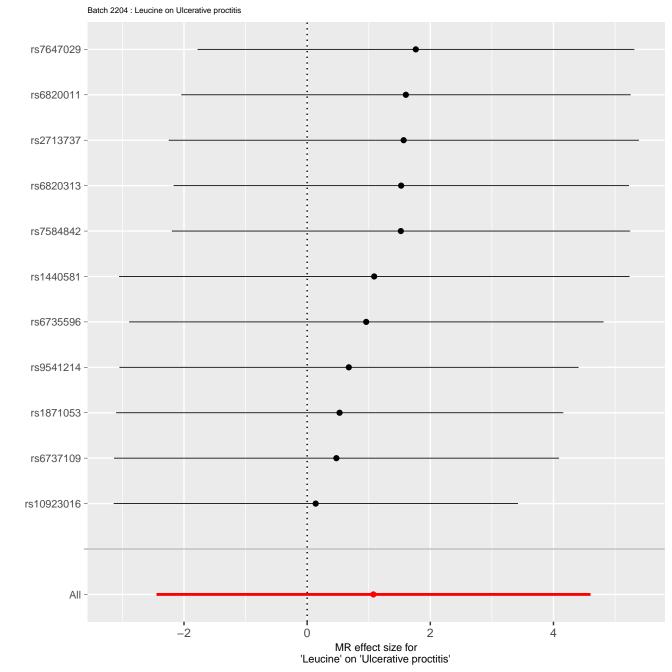


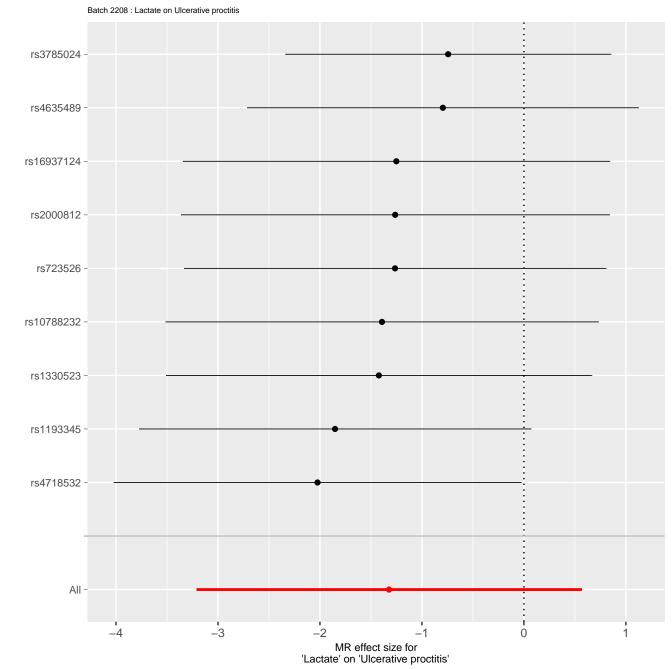


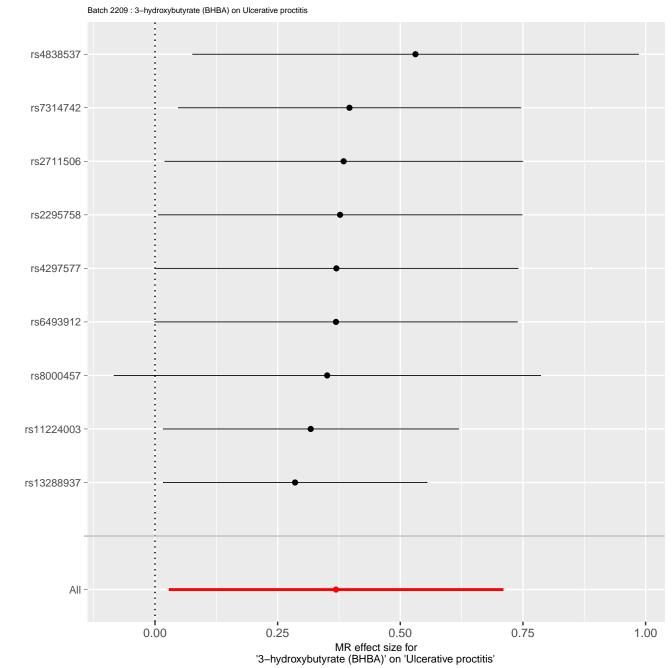
Batch 2200 : 15-methylpalmitate (isobar with 2-methylpalmitate) on Ulcerative pancolitis

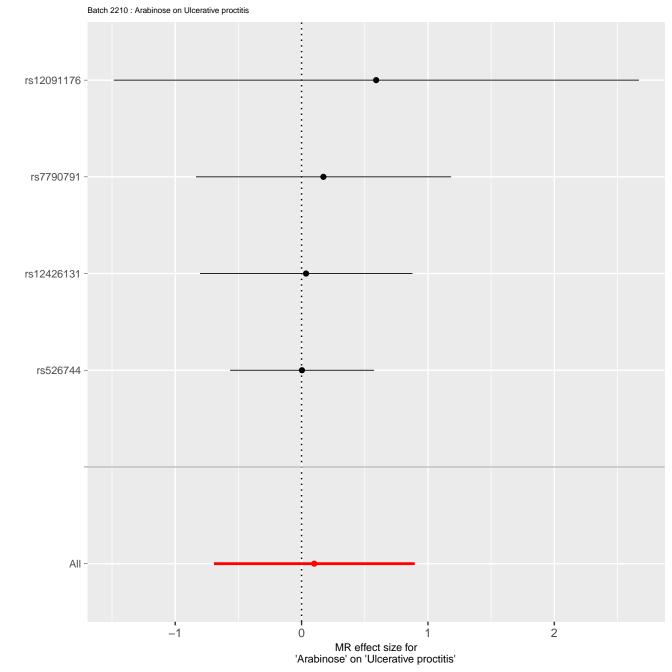
MR effect size for '15–methylpalmitate (isobar with 2–methylpalmitate)' on 'Ulcerative pancolitis'

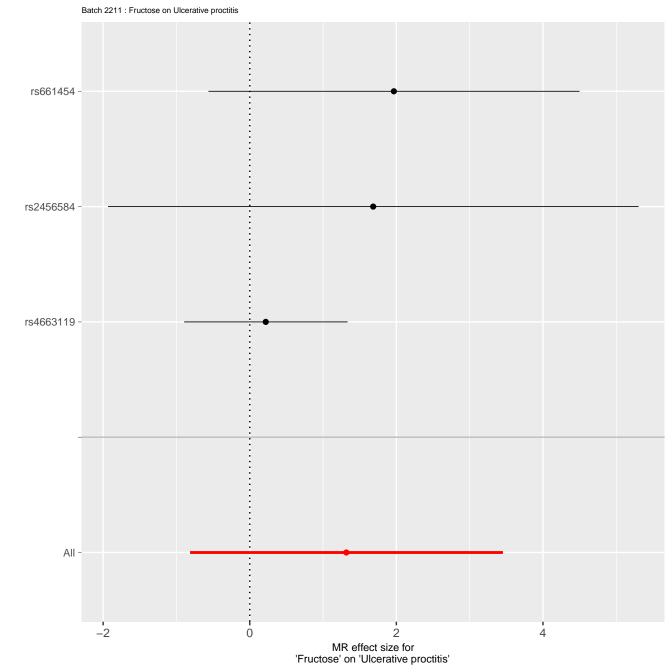


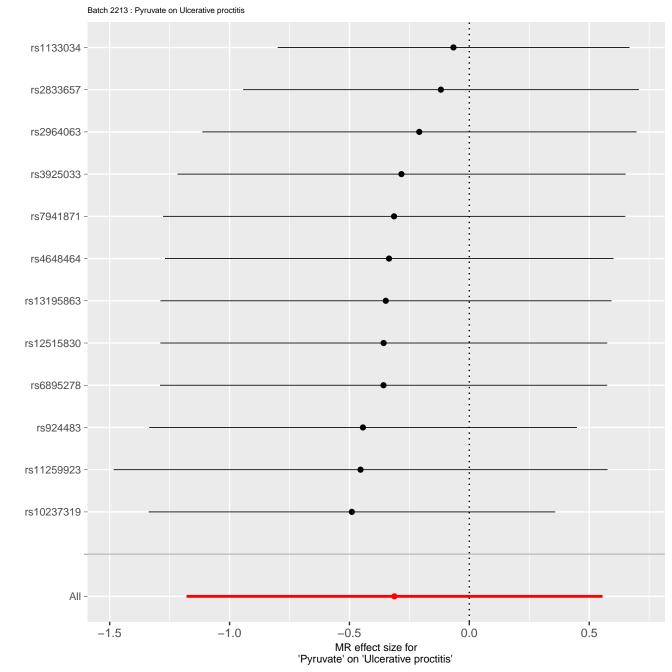




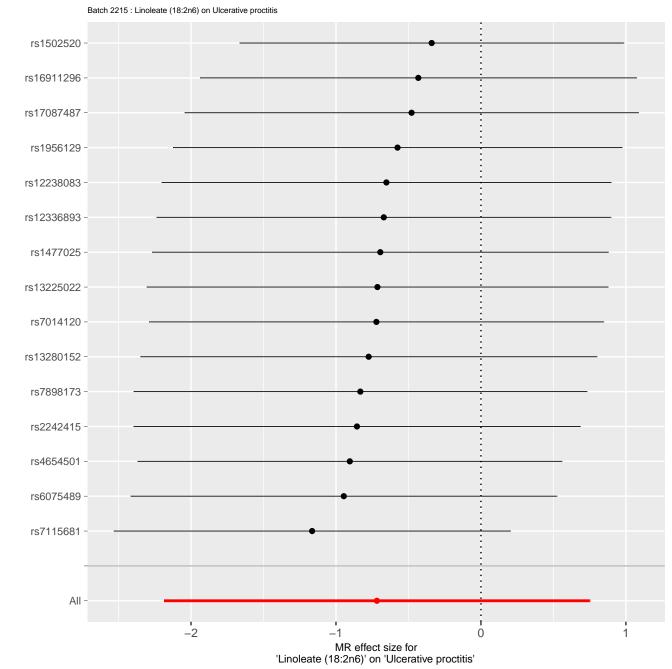








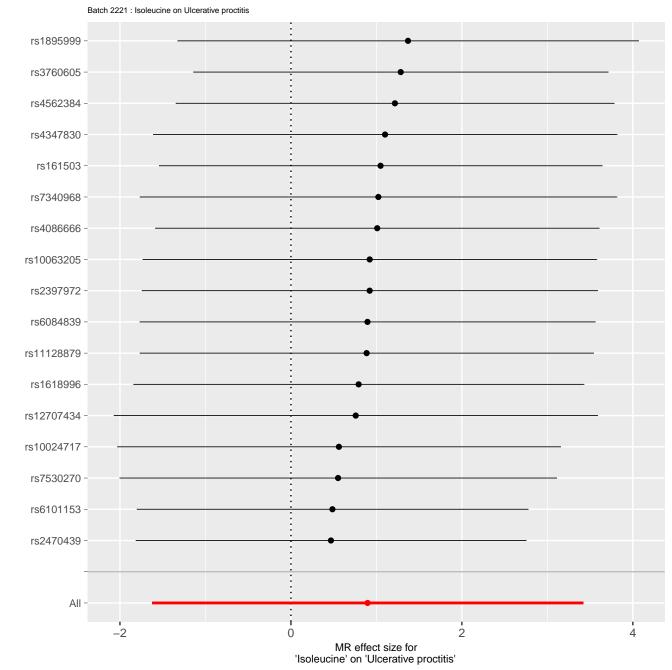
Batch 2214 : Uridine on Ulcerative proctitis rs2686796 rs532545 rs131794 -All -2 -2 MR effect size for 'Uridine' on 'Ulcerative proctitis'

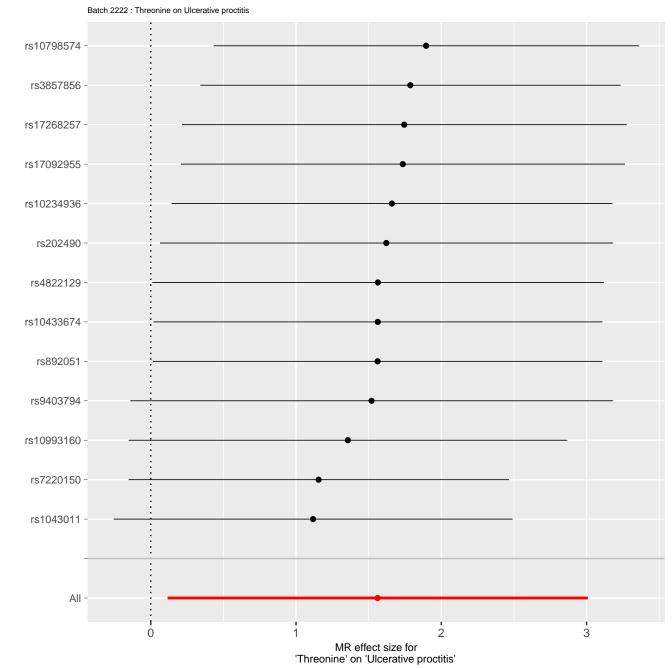


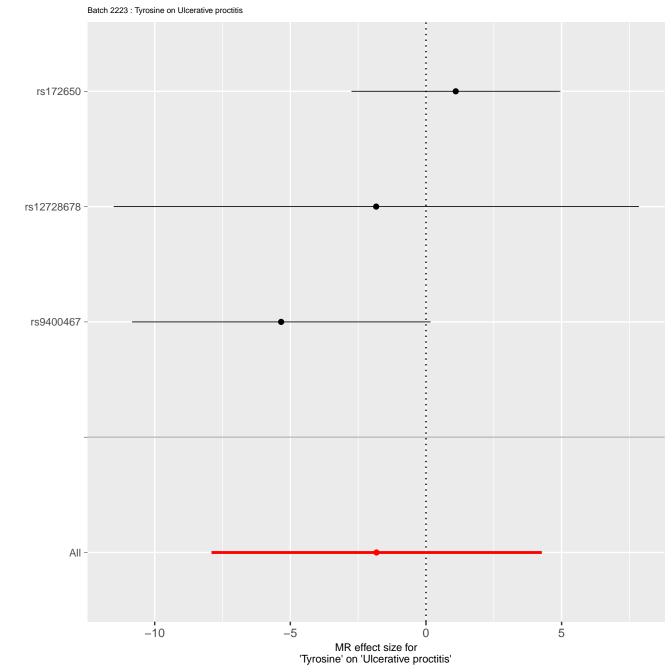
rs1447307 rs12718598 rs10492266 rs1499094 rs1431793 rs8108144 rs2293319 rs972709 rs9834988 rs8184921 rs2549842 rs11147404 rs167277 rs10771223 -All --1.0 -1.5 -0.5 0.0 MR effect size for

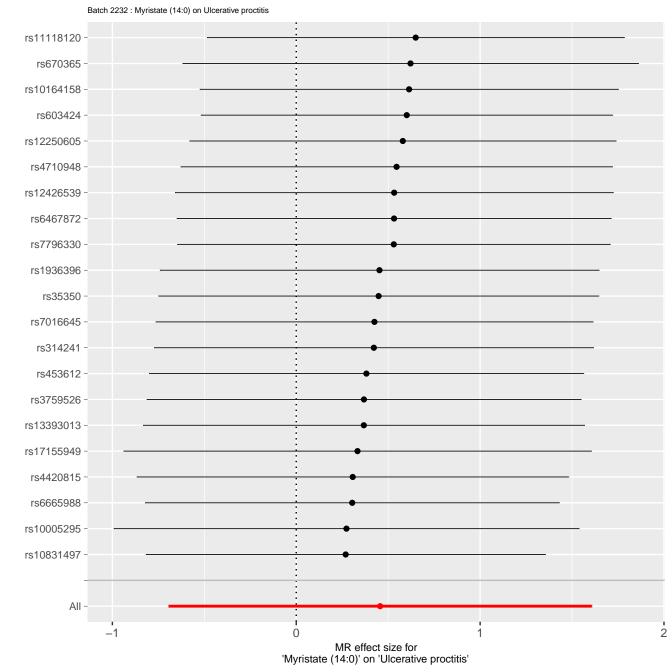
'Allantoin' on 'Ulcerative proctitis'

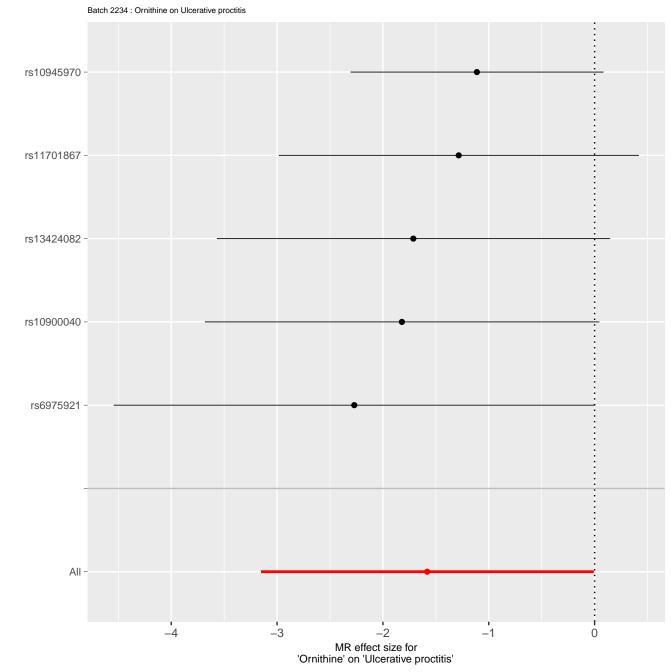
Batch 2216: Allantoin on Ulcerative proctitis

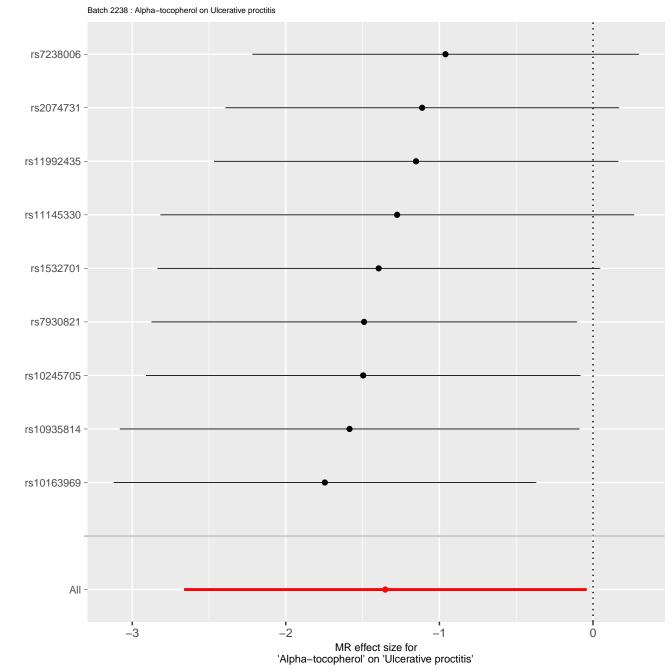


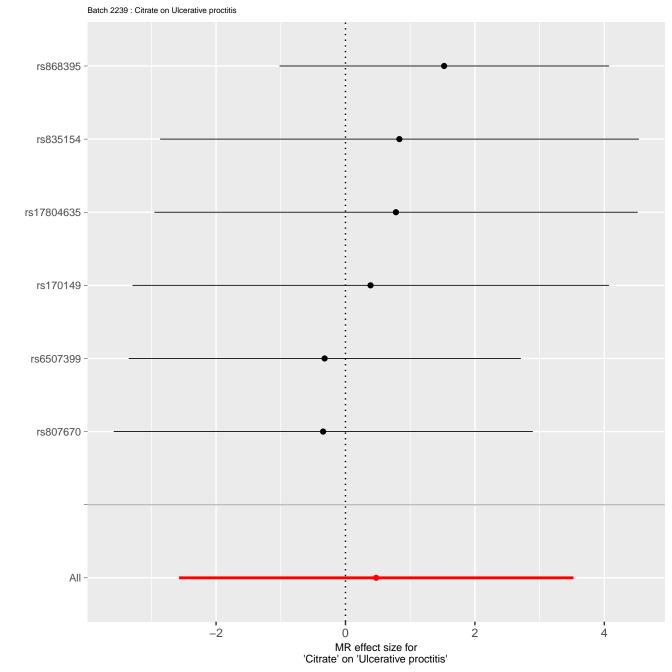


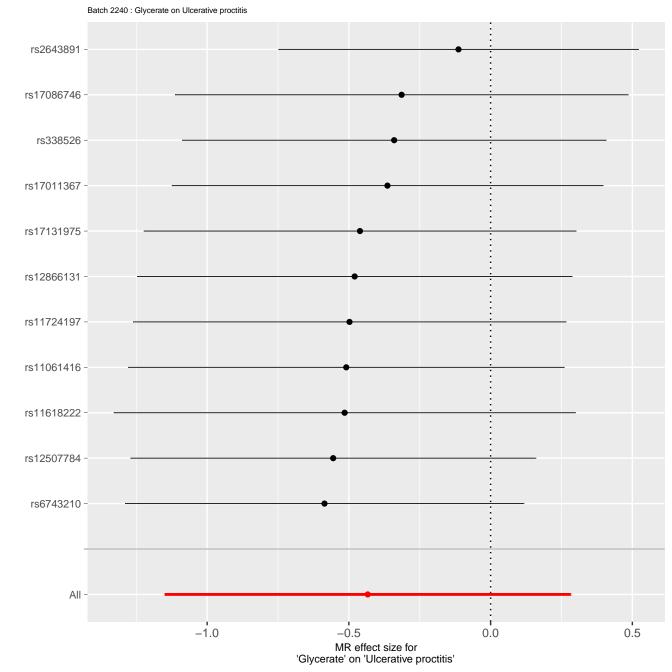


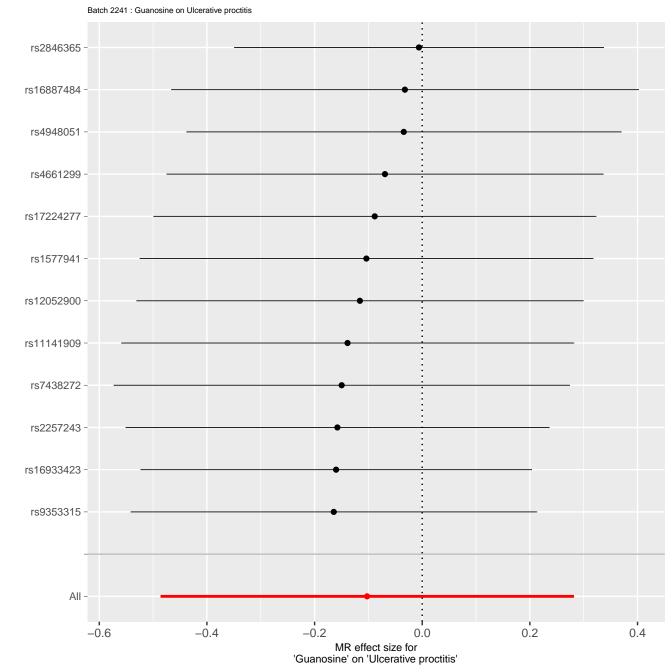


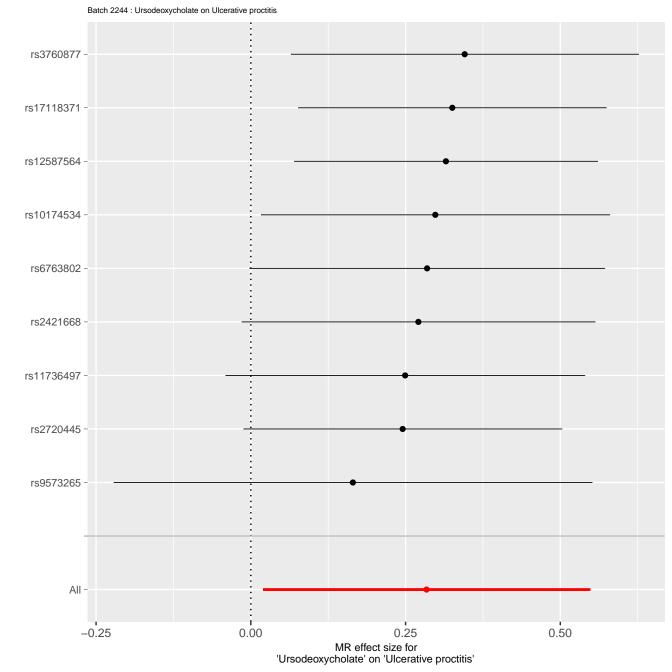


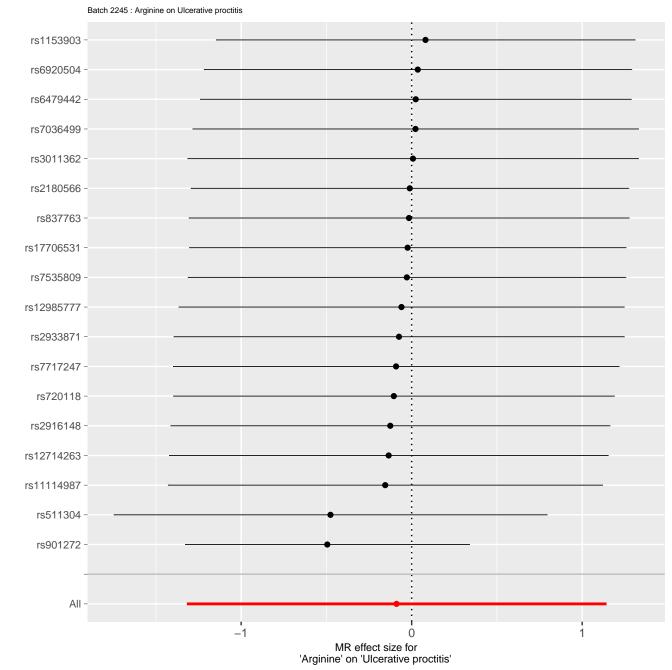


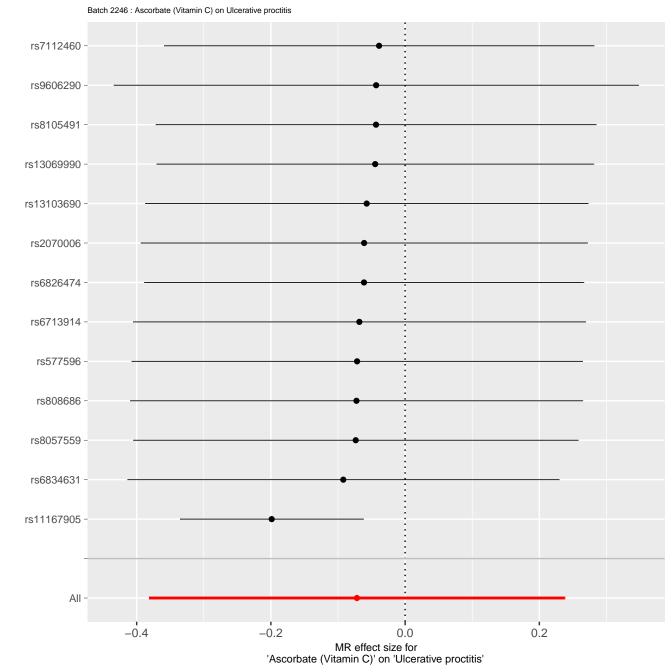


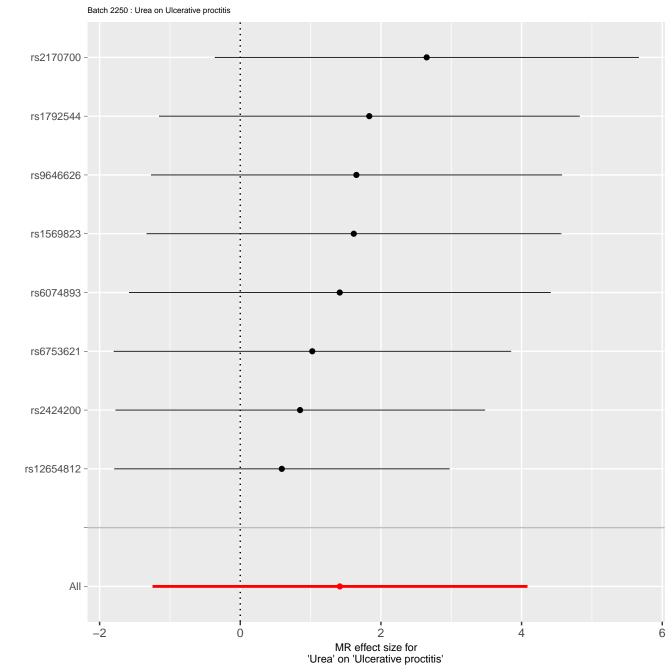


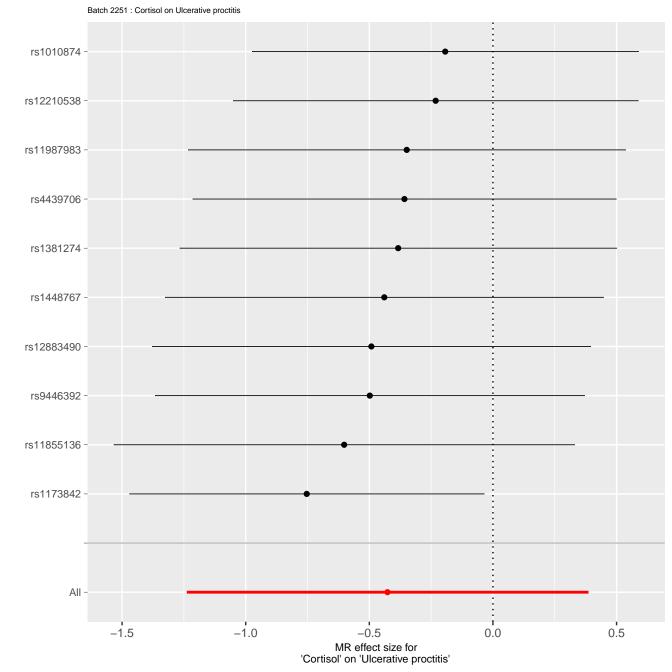


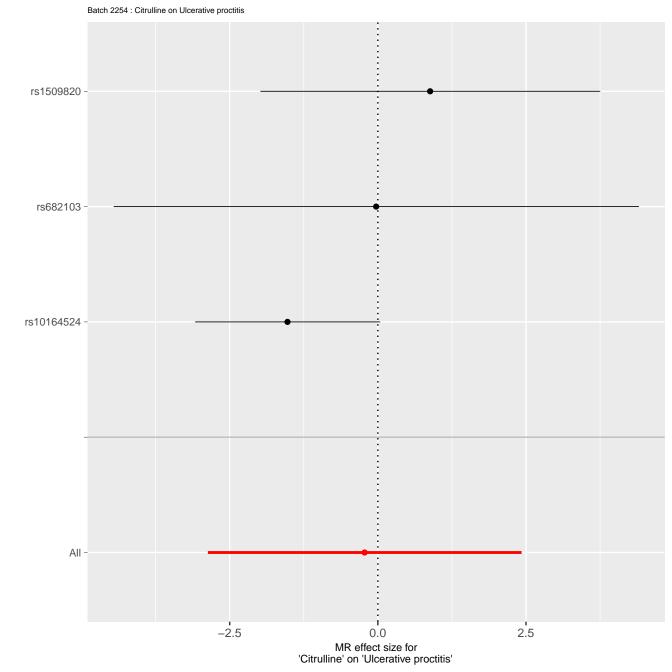


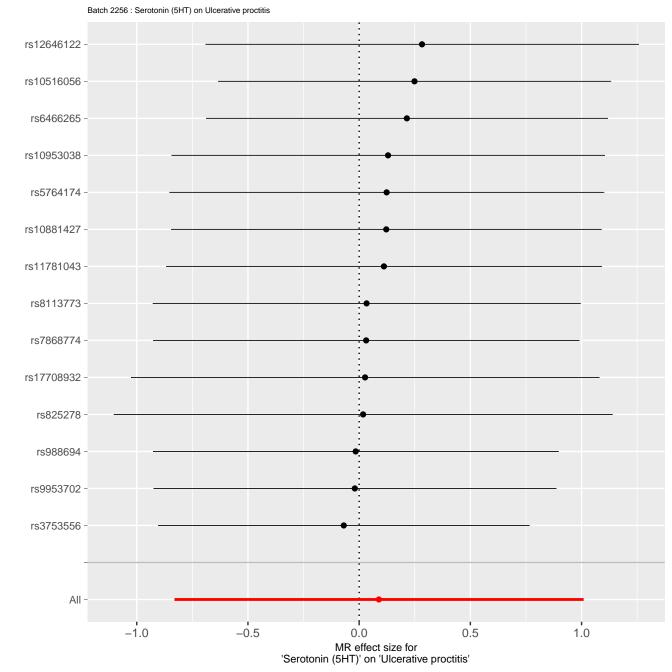


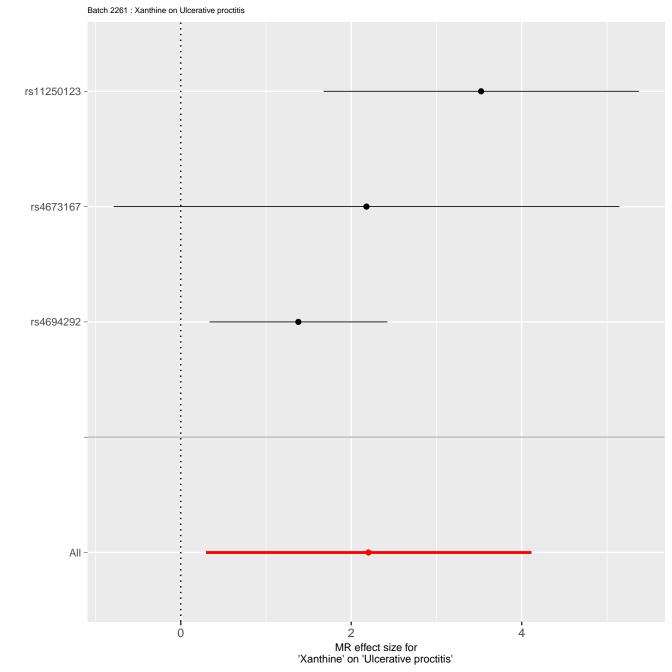


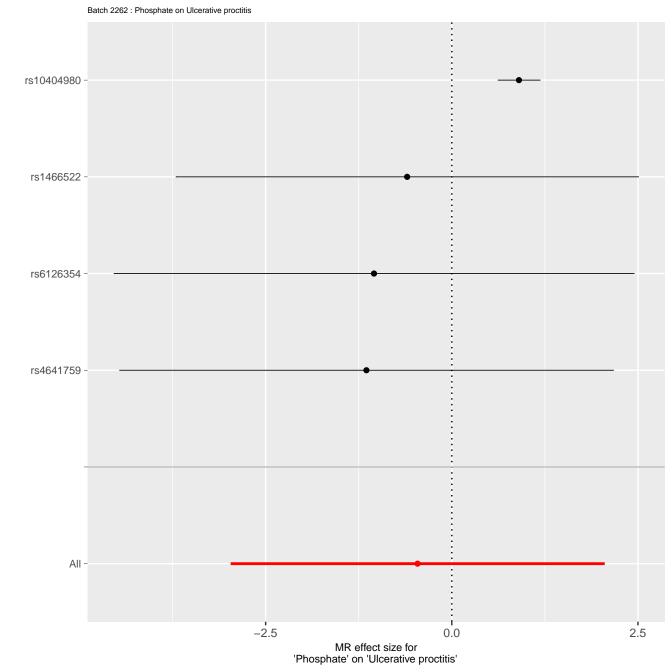


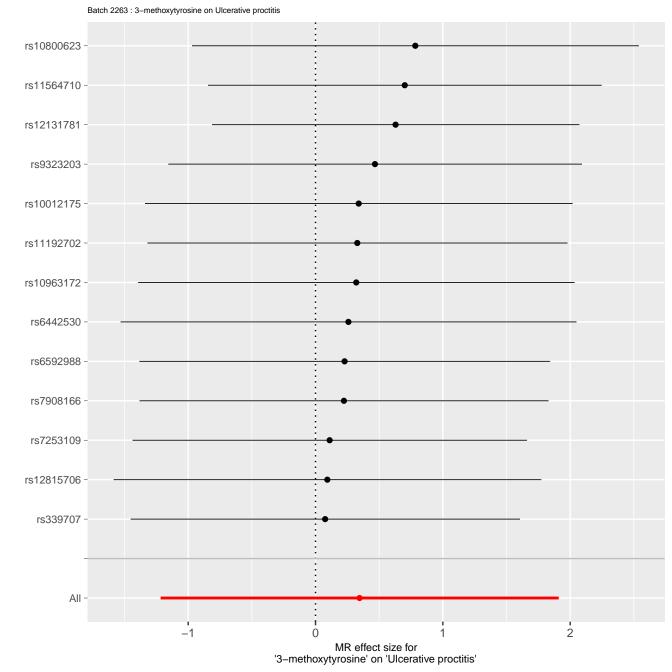


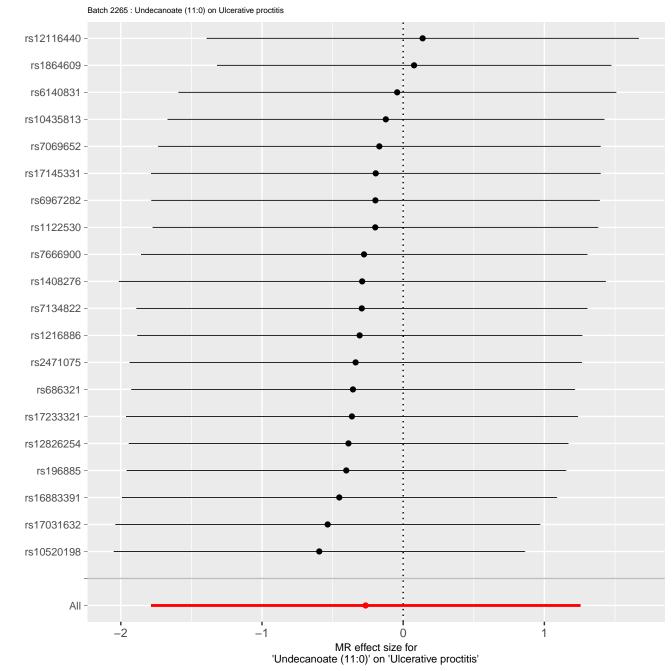


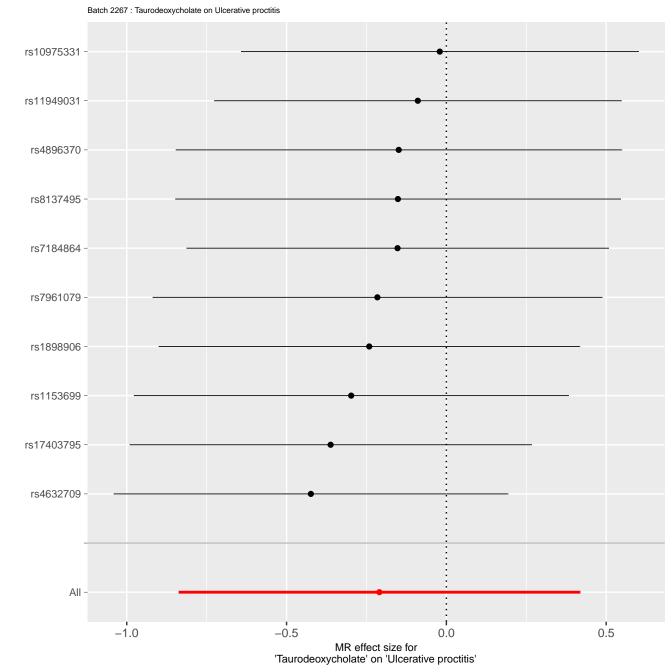


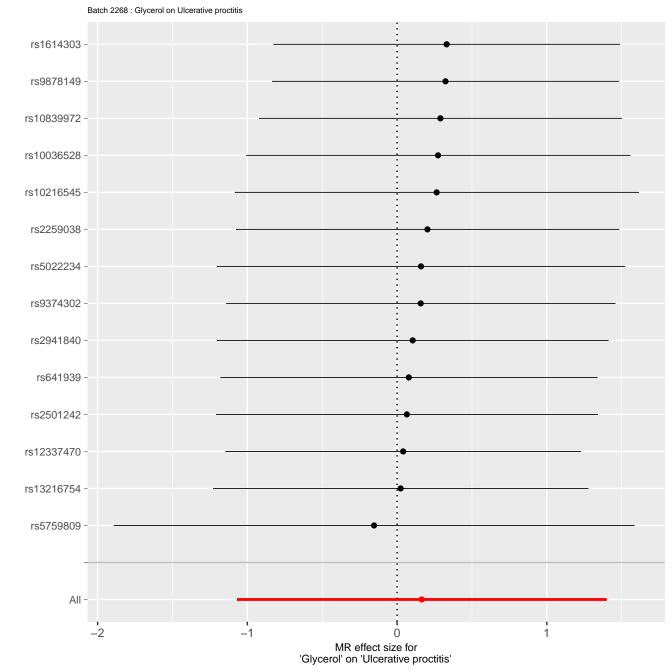


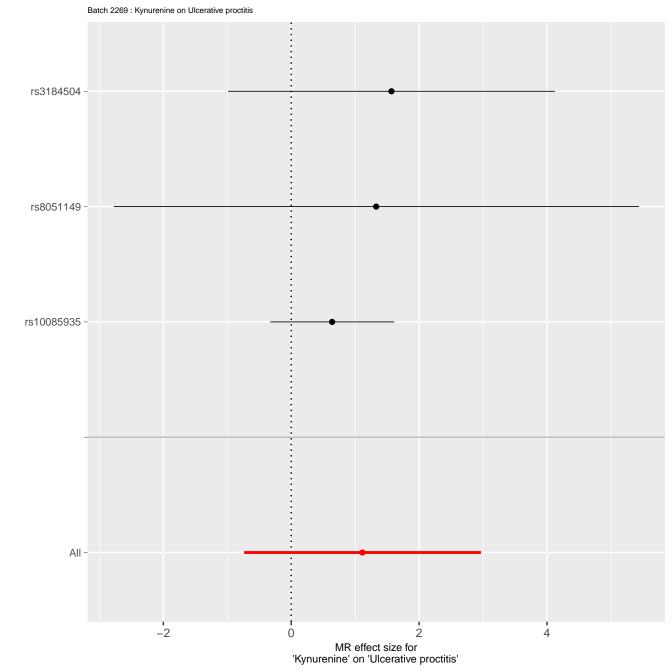


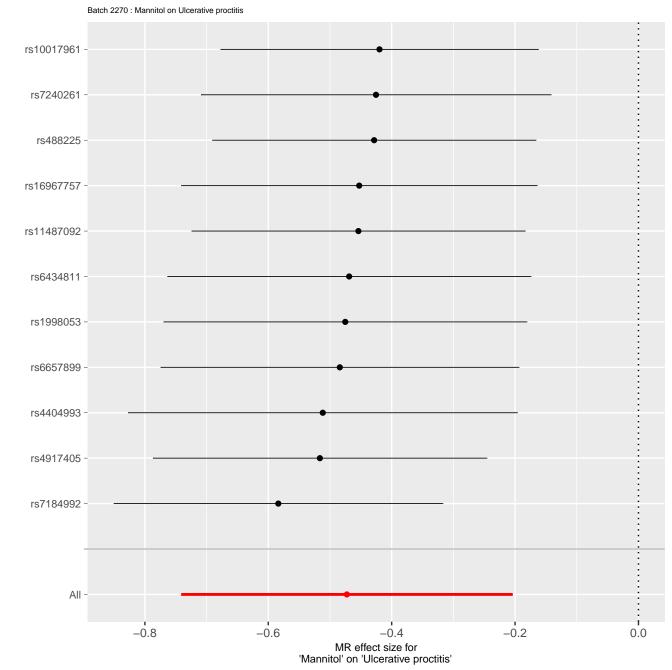


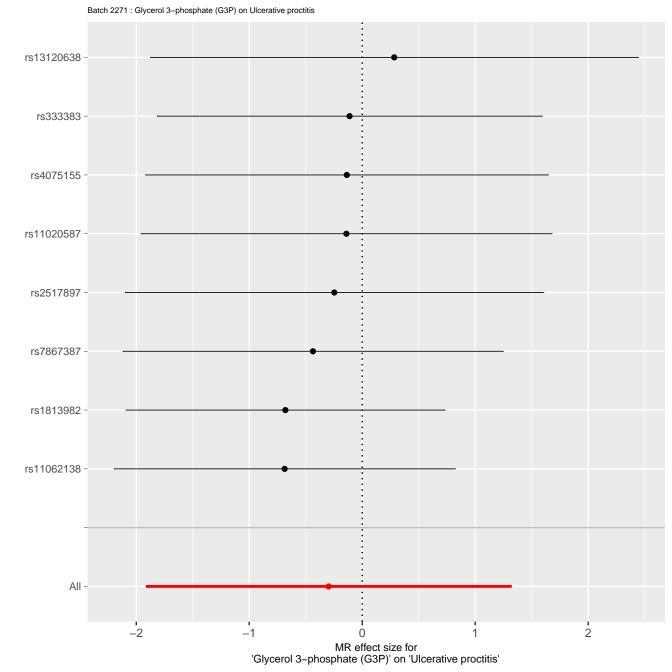


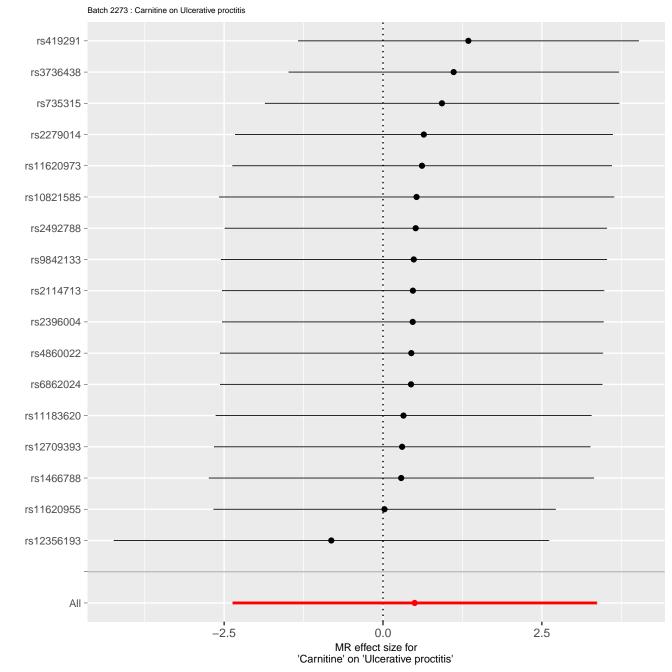


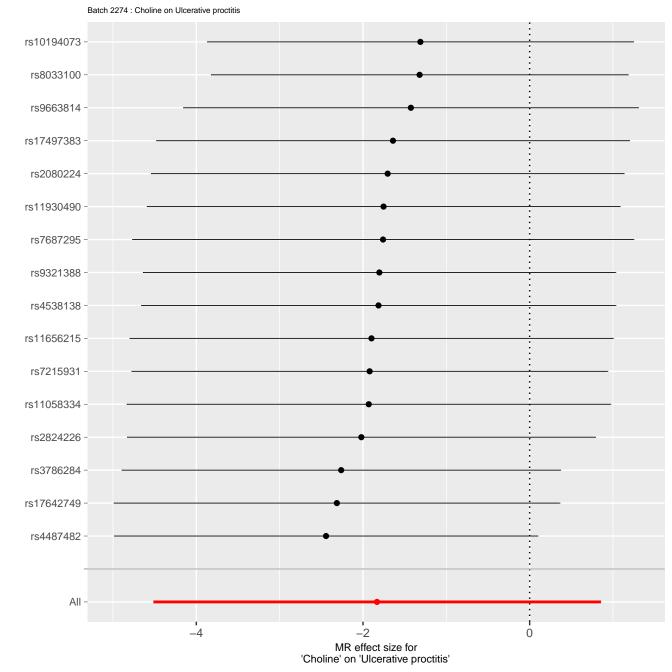


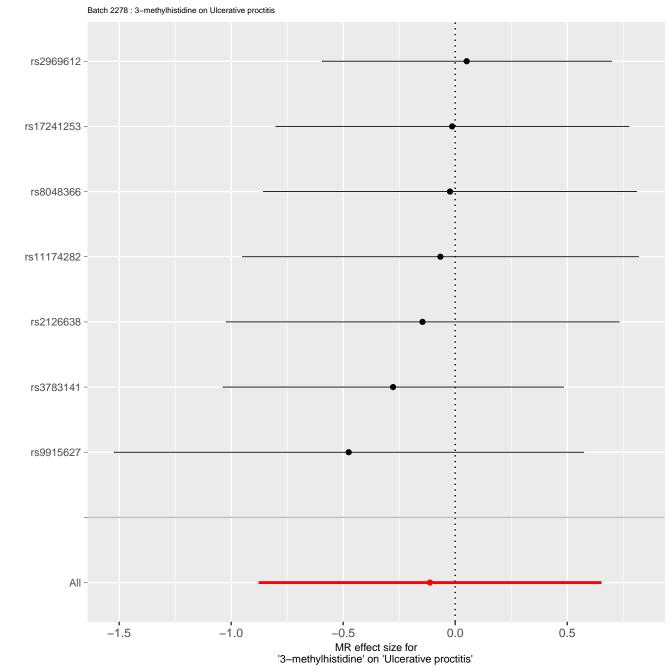


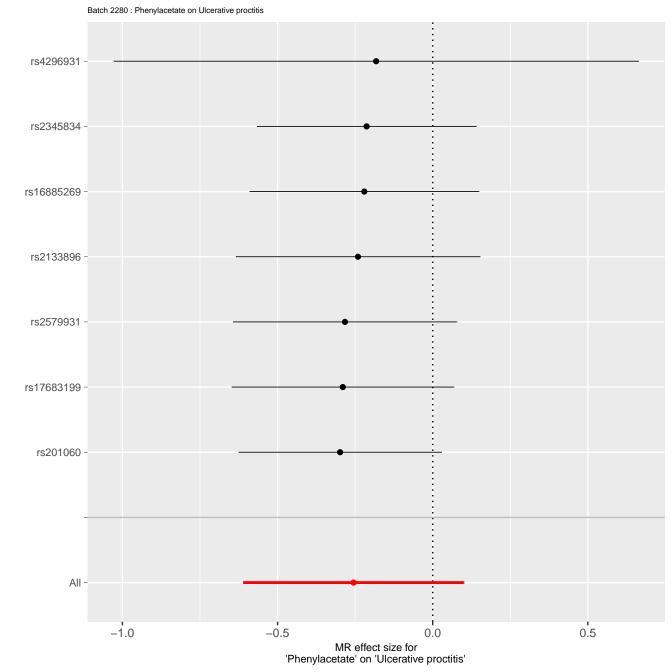


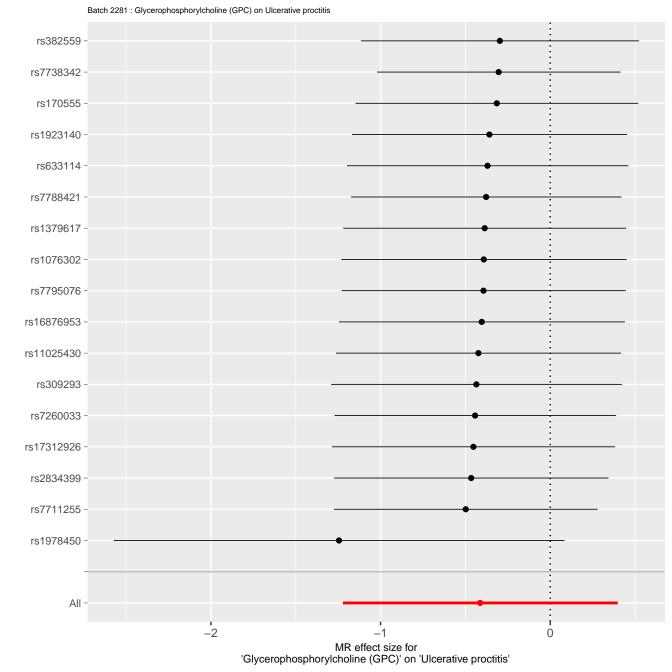


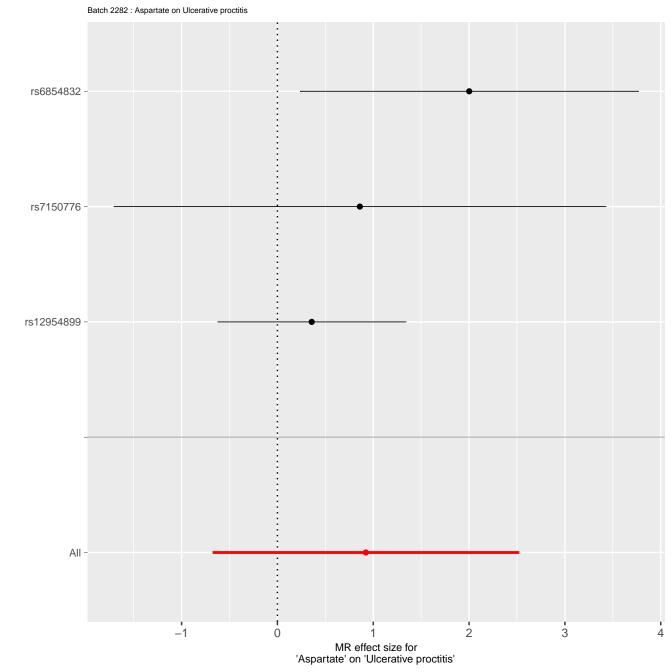


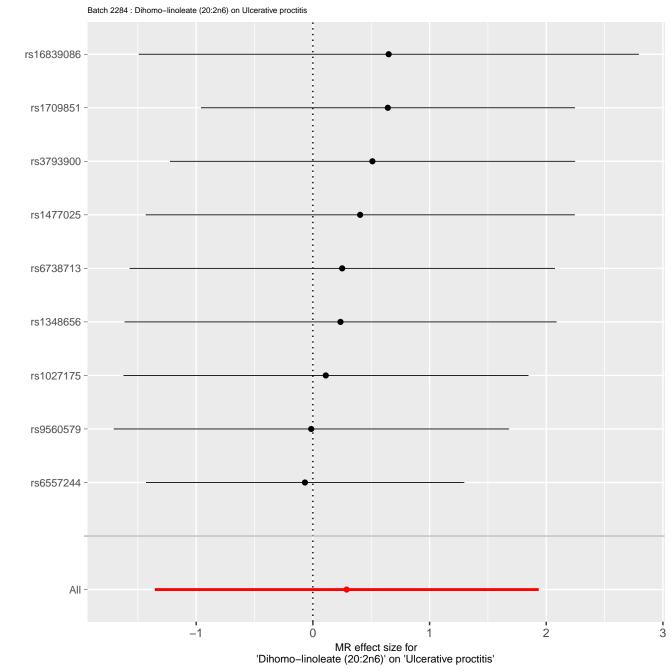




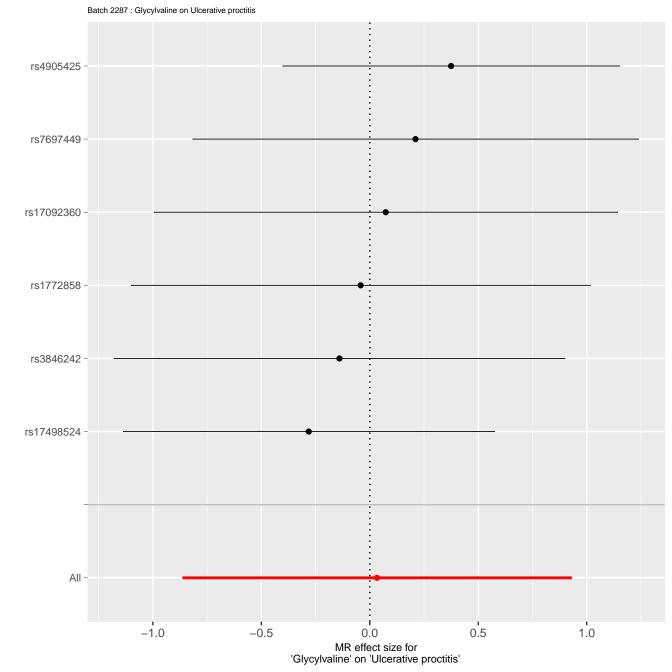






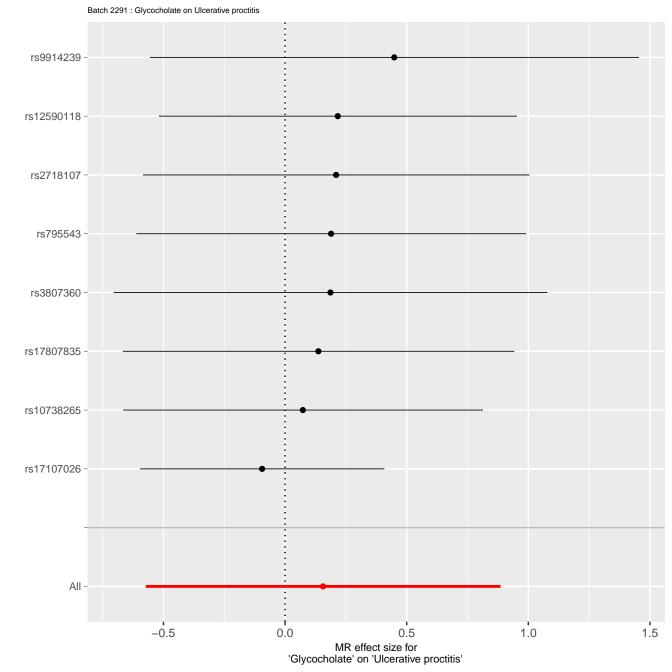


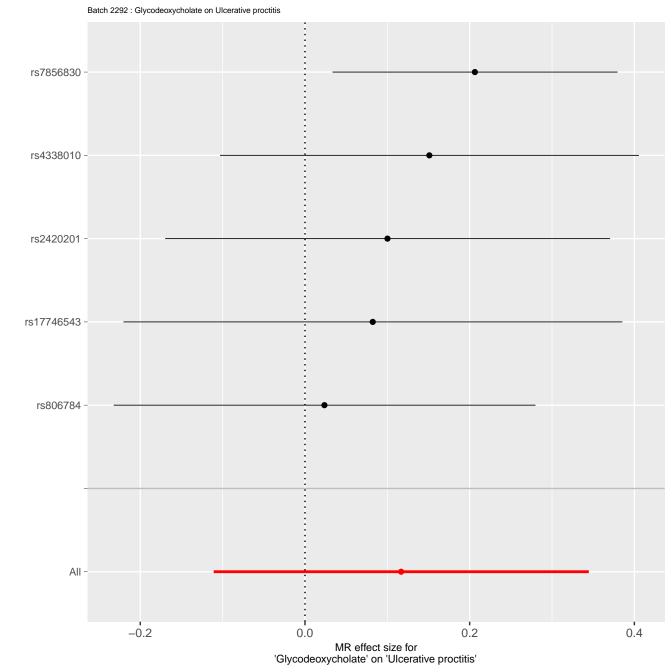
'2-hydroxystearate' on 'Ulcerative proctitis'

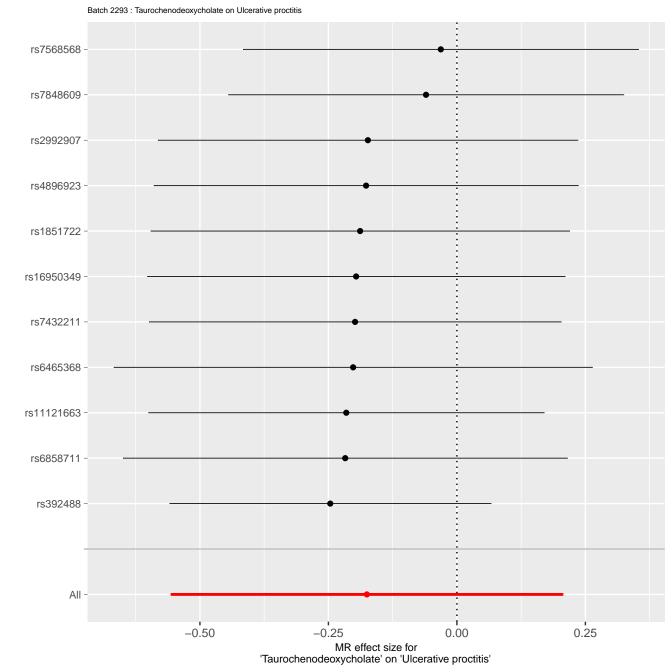


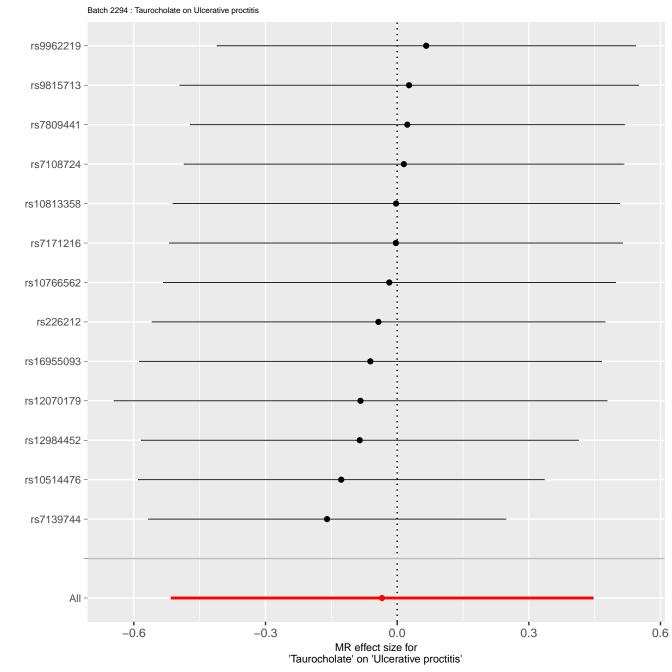
Batch 2288 : Gamma-glutamylleucine on Ulcerative proctitis rs17794361 rs6833720 rs7830772 rs10426971 rs6820313 rs2203995 rs13188217 rs4767788 rs2413113 rs3799105 rs9827101 rs17652614 rs1382190 rs1292666 rs7574847 rs12707434 rs2201453 rs200449 rs3747115 rs6951006 rs7678928 rs6797094 rs13189579 rs2573124 rs4926707 rs11151740 rs37959 rs17185878 rs2043769 rs3846286 rs2819322 -All -2 3 MR effect size for

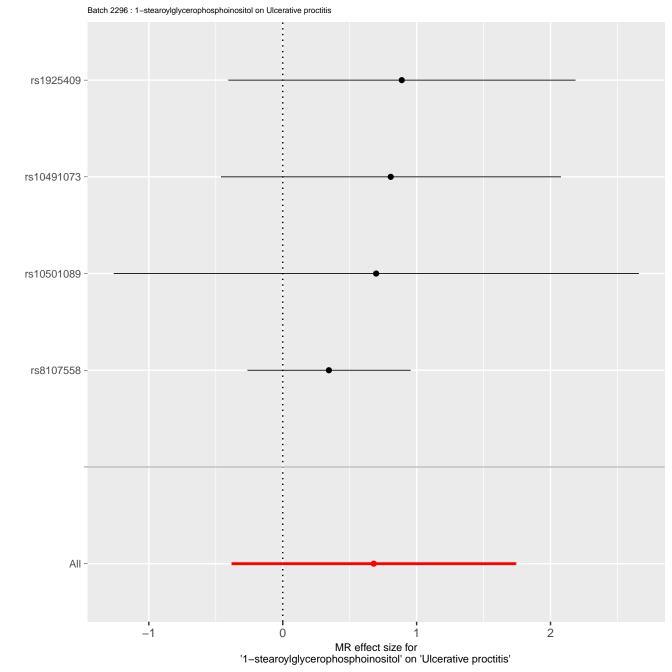
'Gamma-glutamylleucine' on 'Ulcerative proctitis'

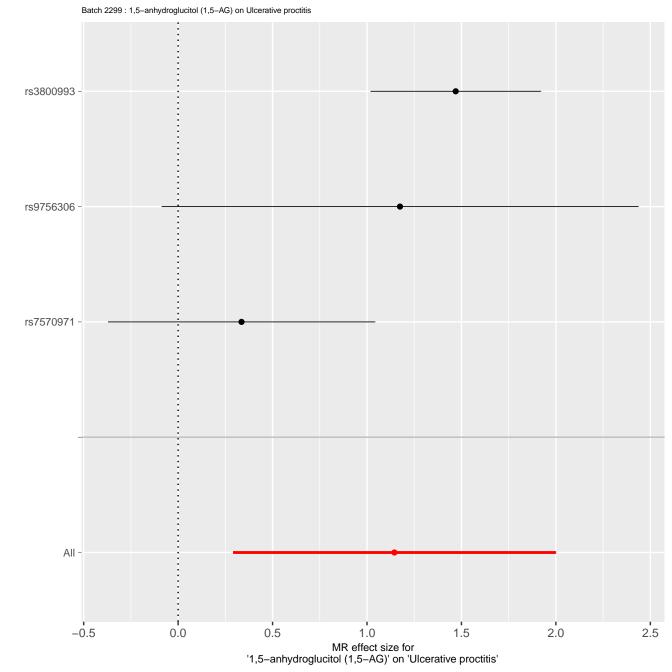


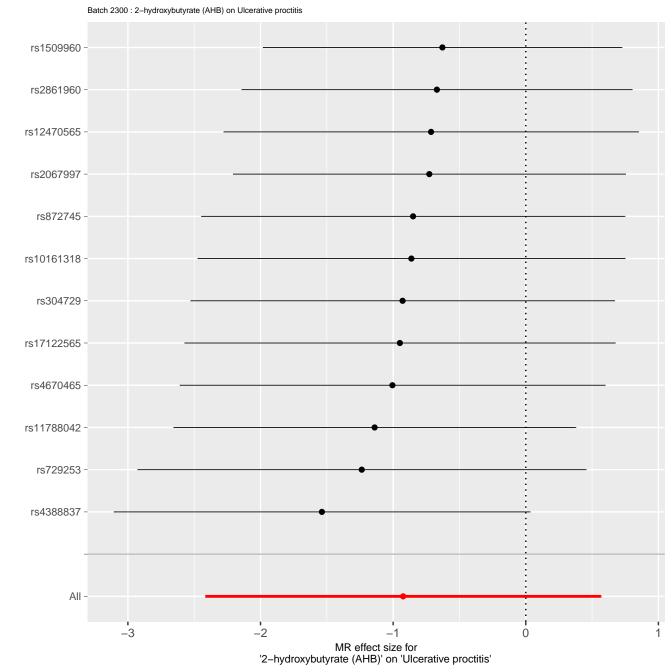


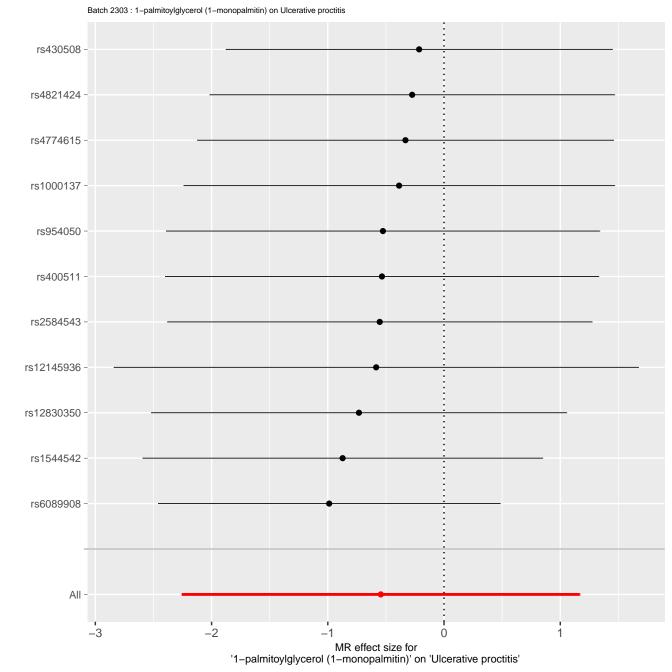


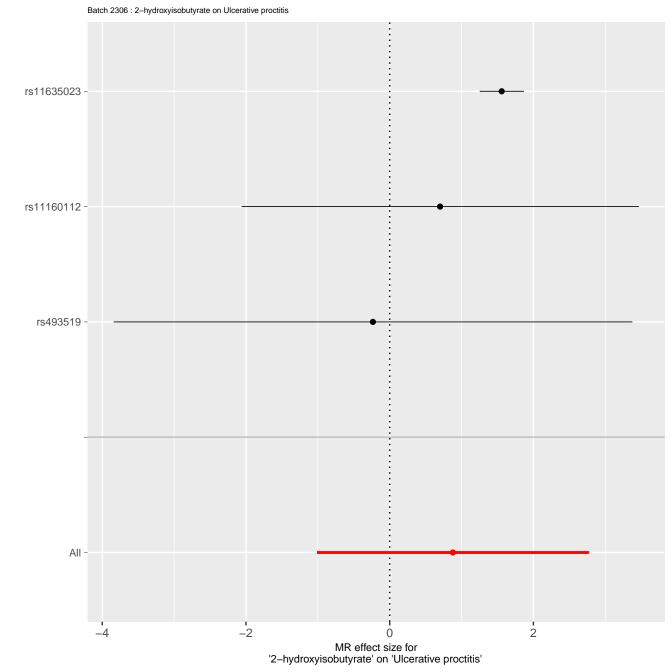


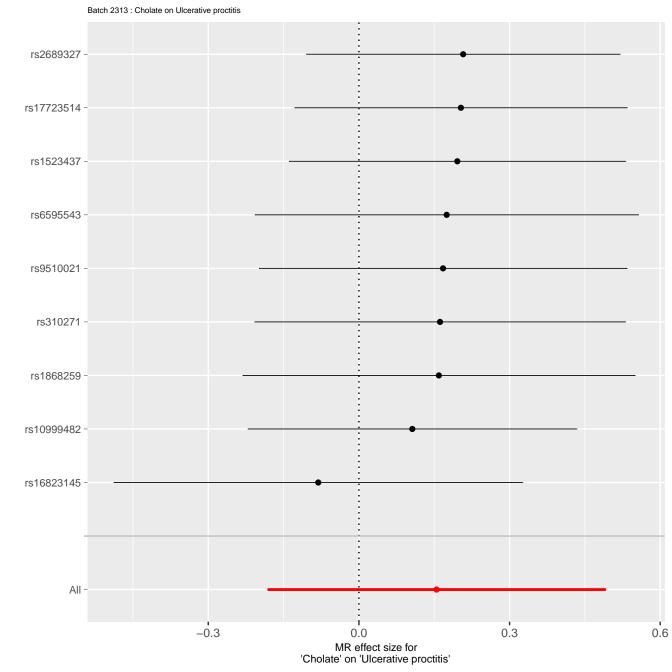


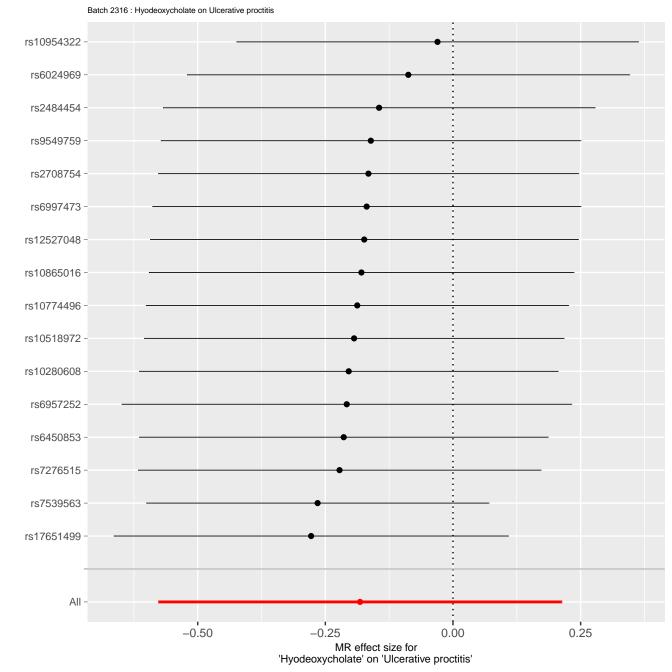


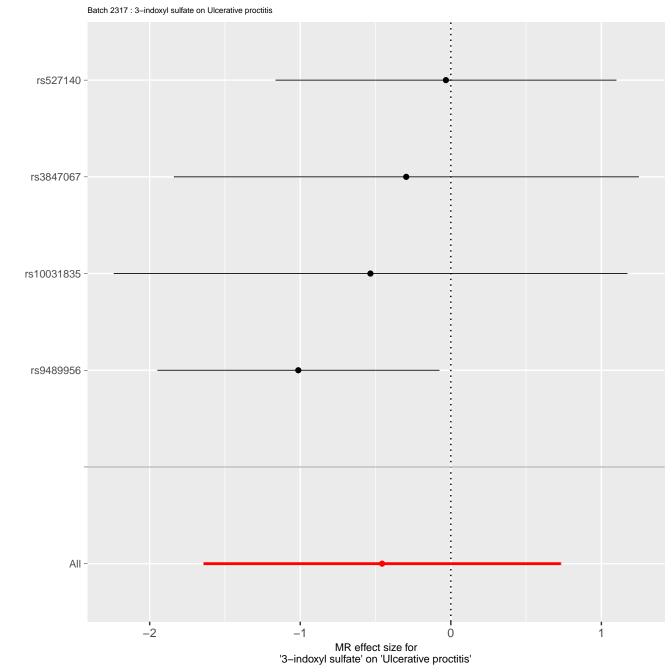


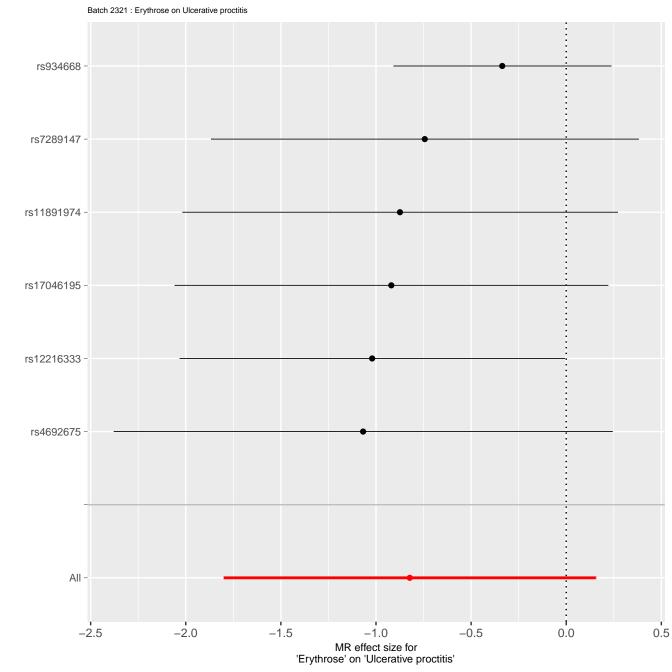








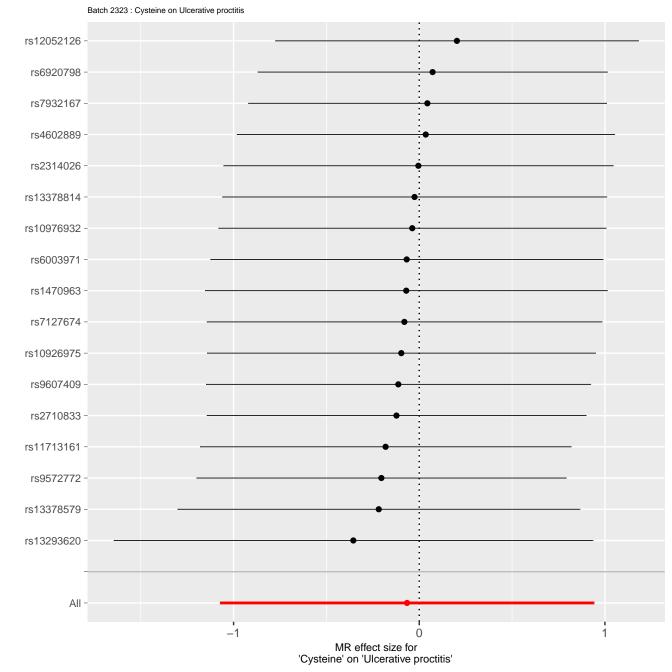


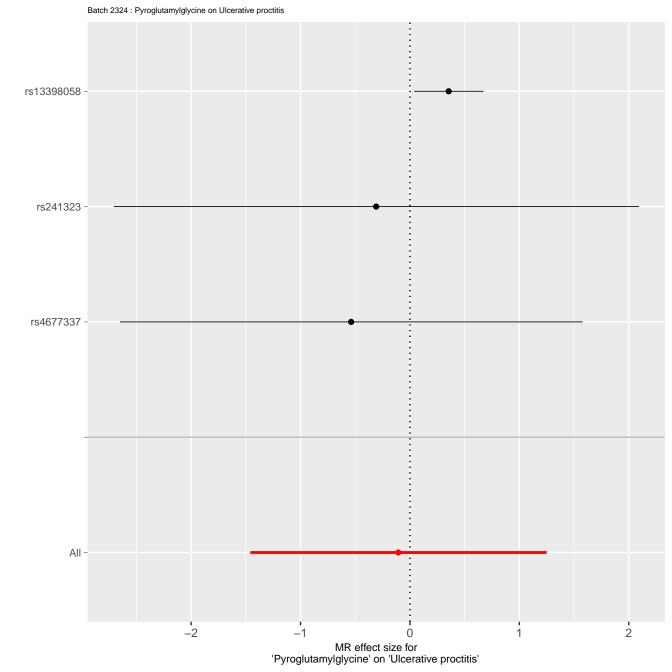


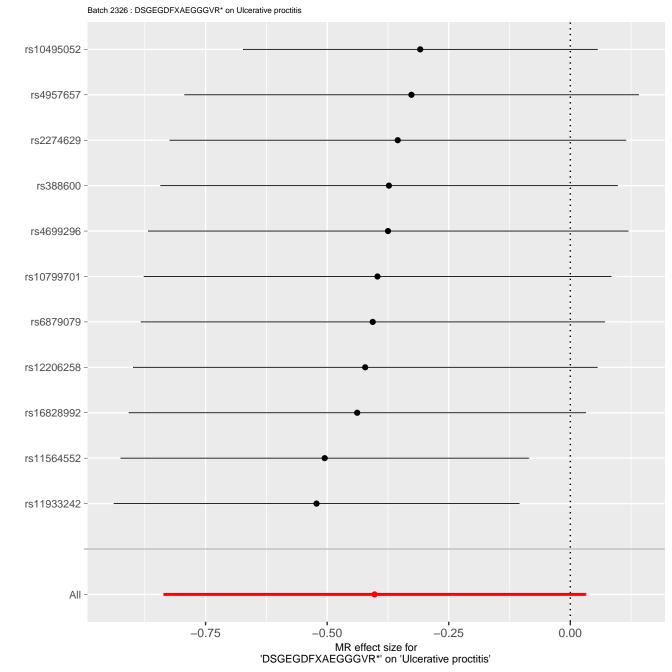
rs576266 rs892429 rs8031609 rs11914582 rs7993666 rs7216075 rs12447958 rs7332927 rs10097949 rs13163920 rs306472 rs9572687 rs12779976 rs10512185 rs7132285 rs2257061 rs2303010 -All --0.50 -0.25 -0.75 0.25 0.00 MR effect size for

'Threonate' on 'Ulcerative proctitis'

Batch 2322 : Threonate on Ulcerative proctitis

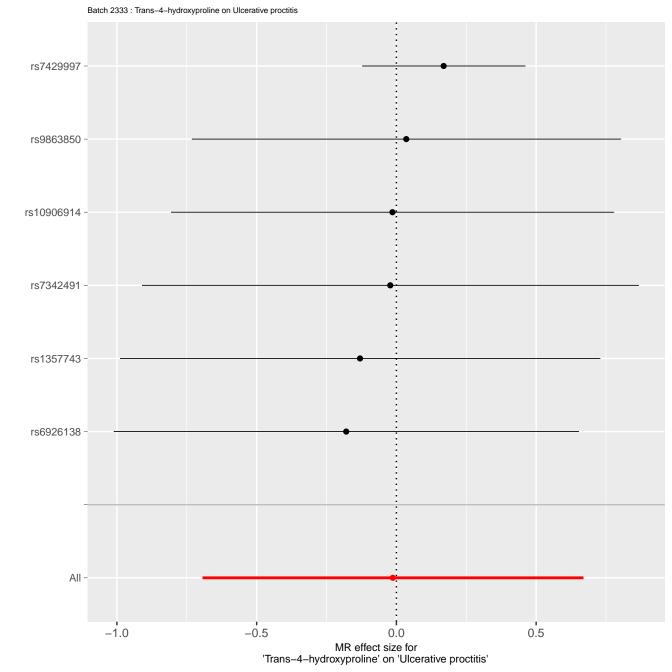


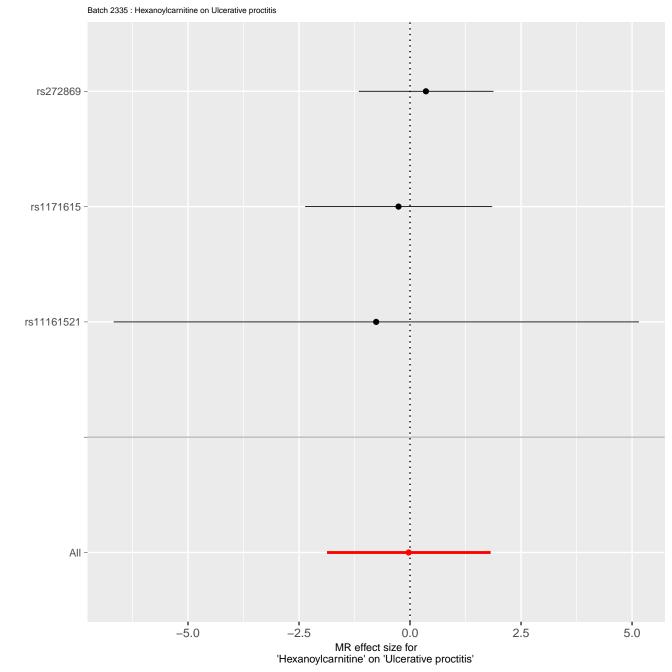


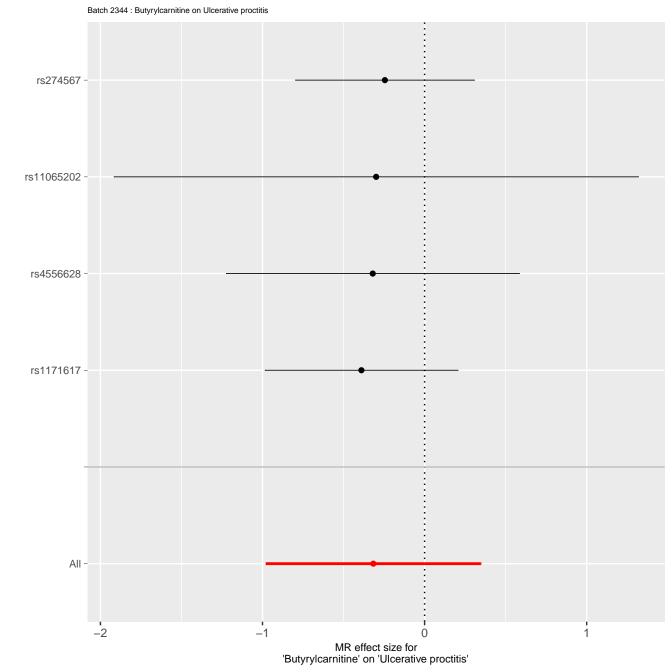


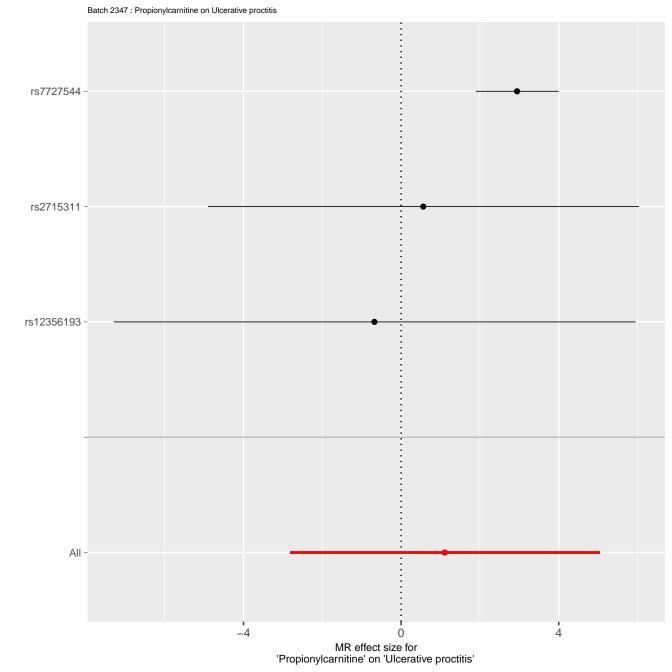
Batch 2327 : Pyridoxate on Ulcerative proctitis rs12445174 rs1431844 rs4674858 rs13142707 rs7531679 rs11758777 rs2197296 rs1927938 rs400120 rs11125947 rs6752425 -All --1.0 -0.5 0.5 0.0

> MR effect size for 'Pyridoxate' on 'Ulcerative proctitis'

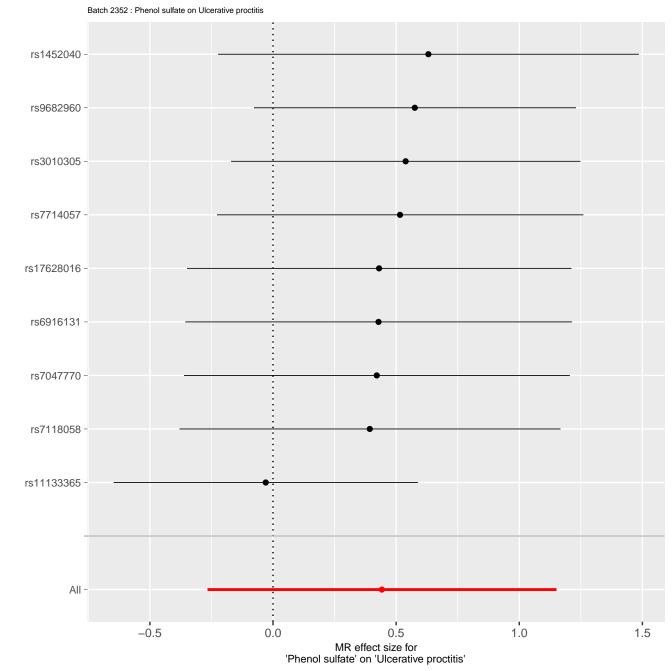


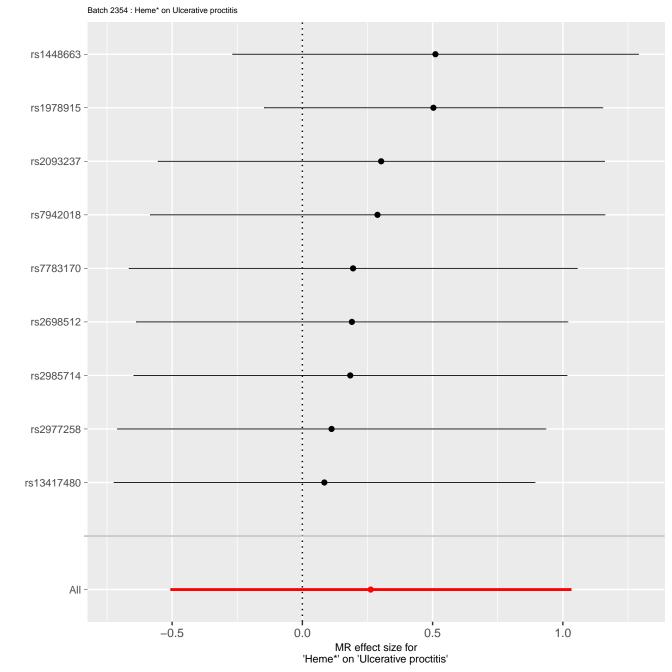


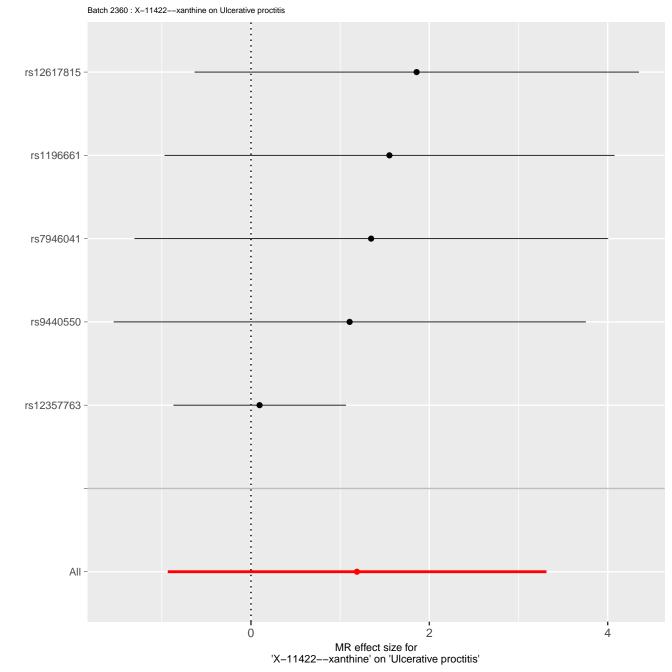


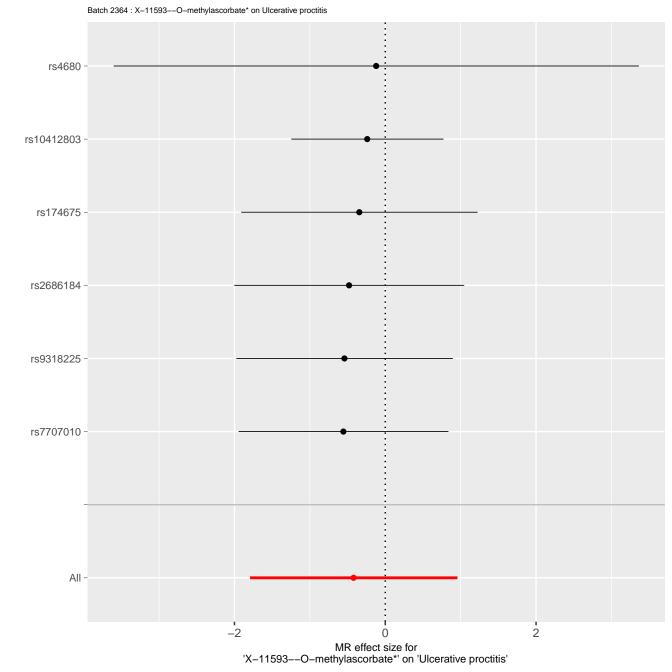


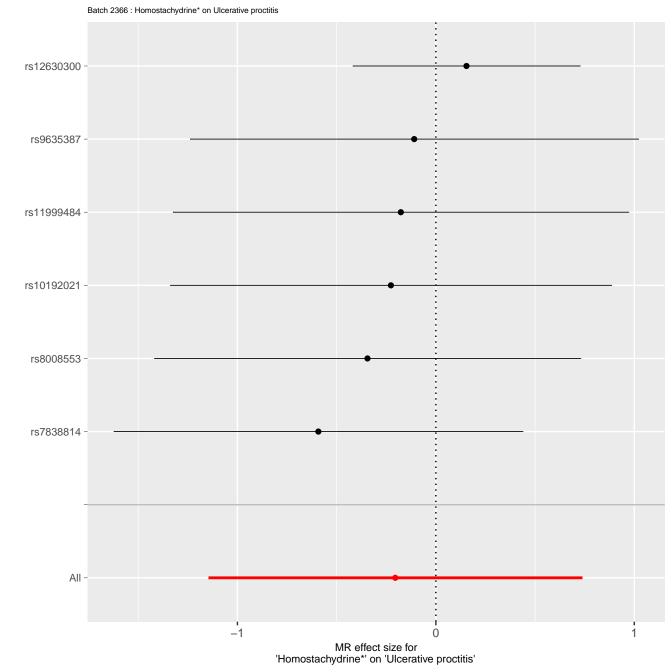
'Caproate (6:0)' on 'Ulcerative proctitis'

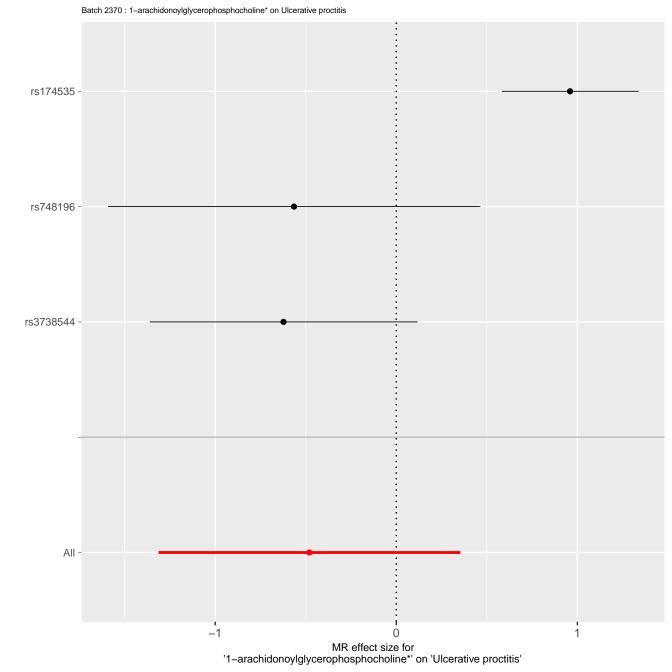


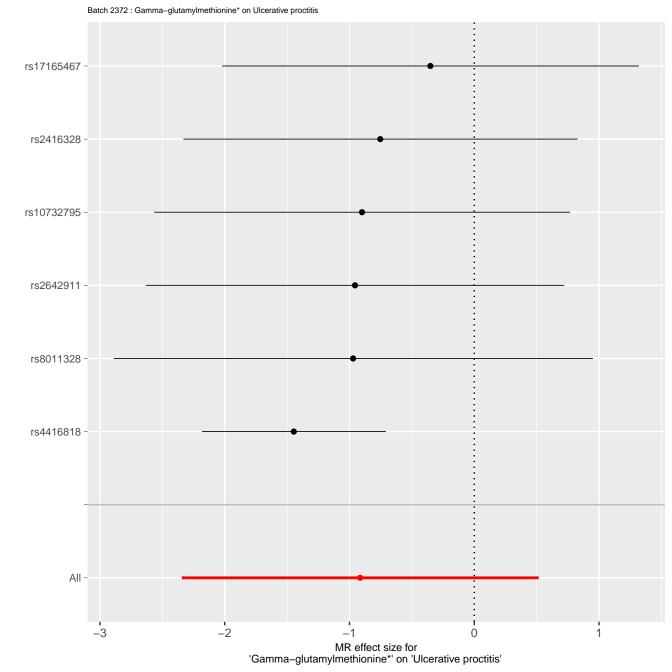


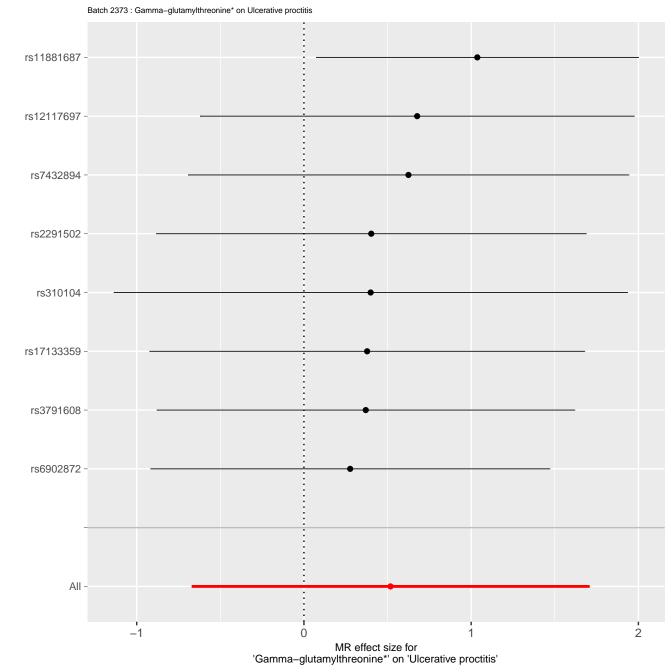


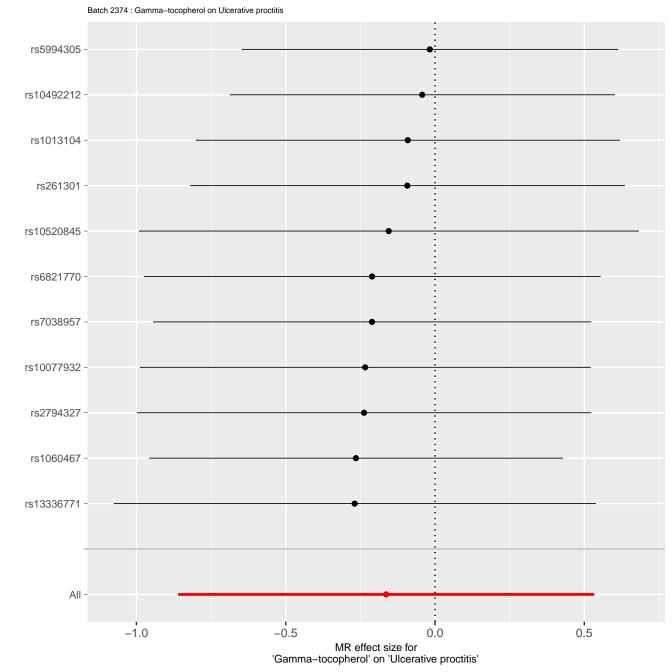


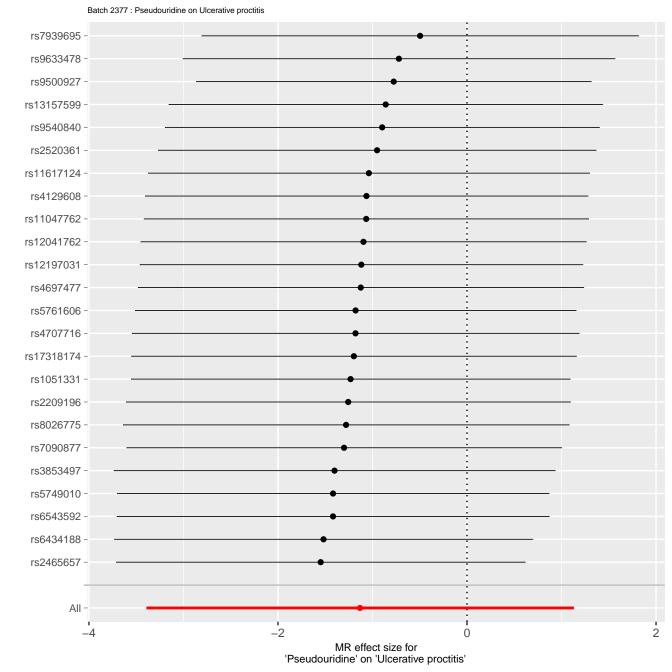


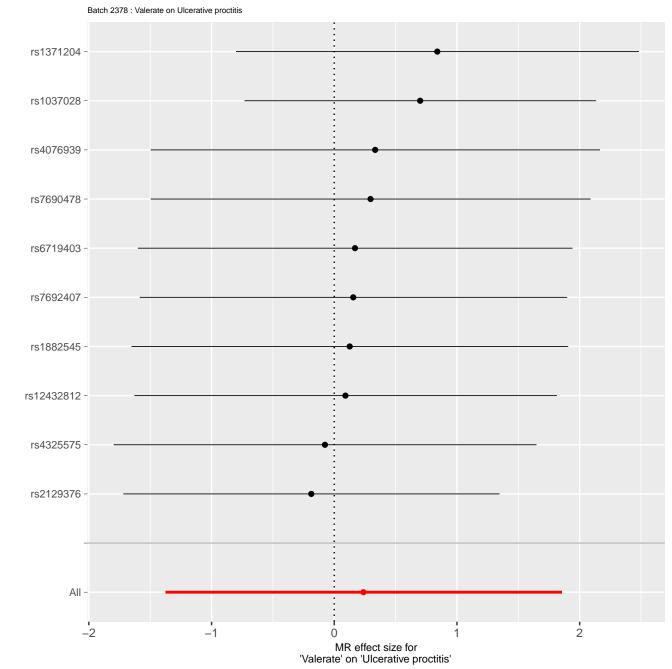


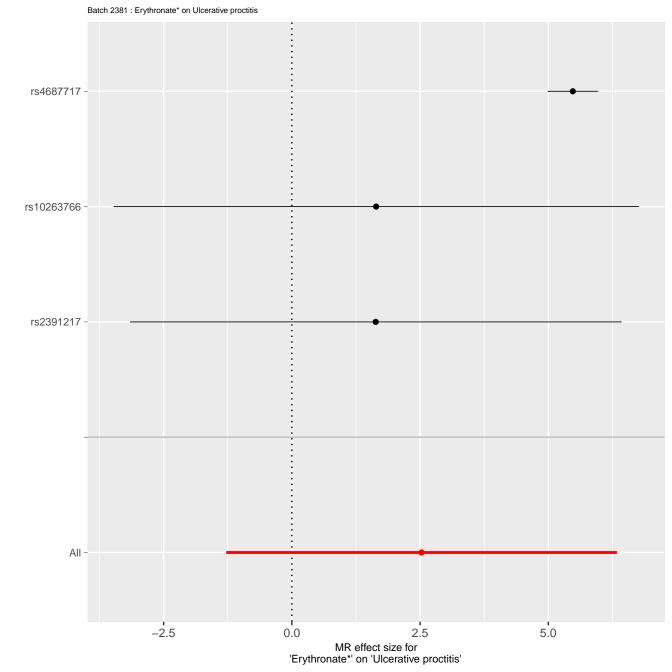


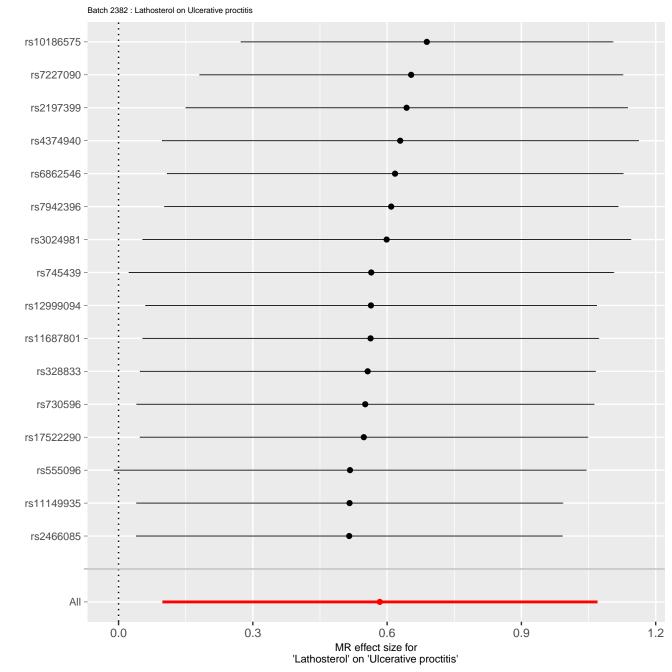


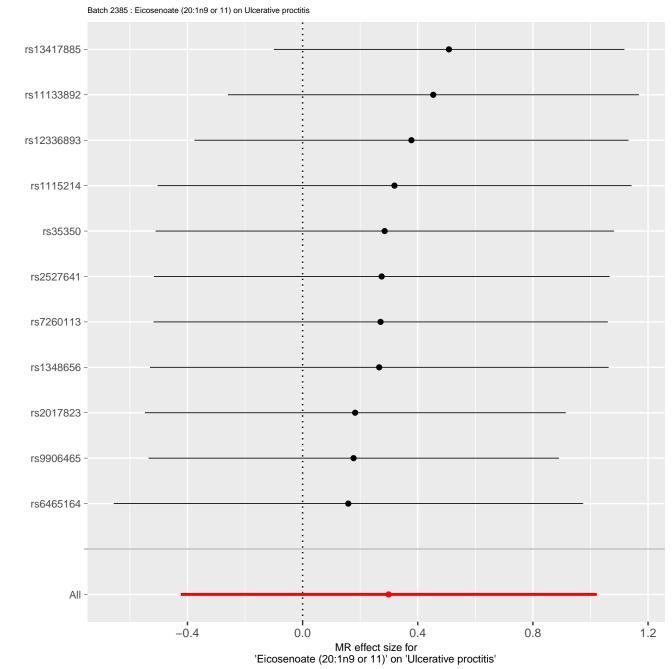


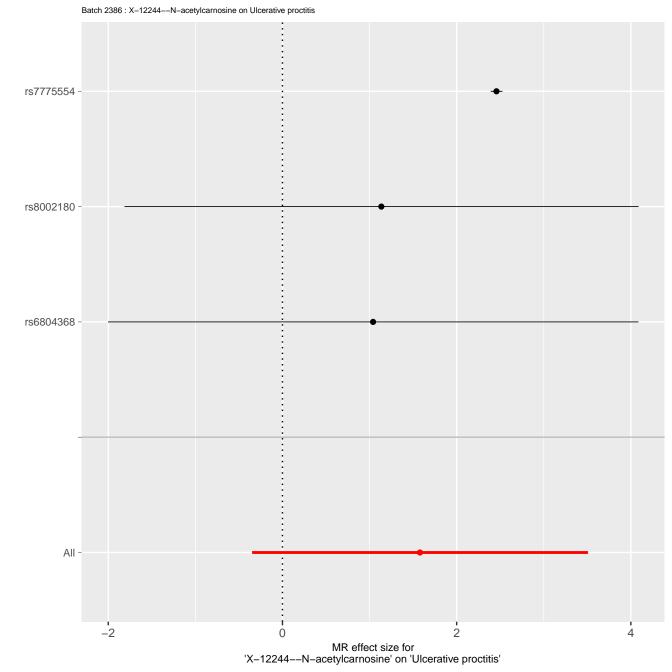


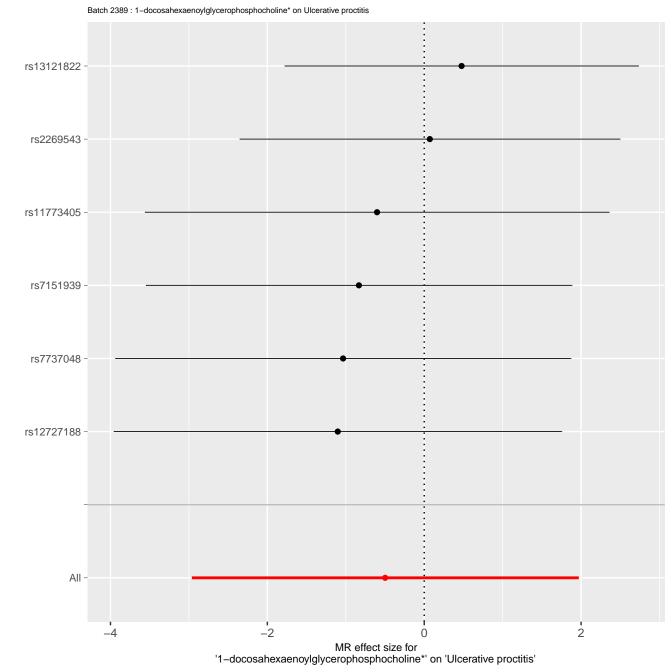


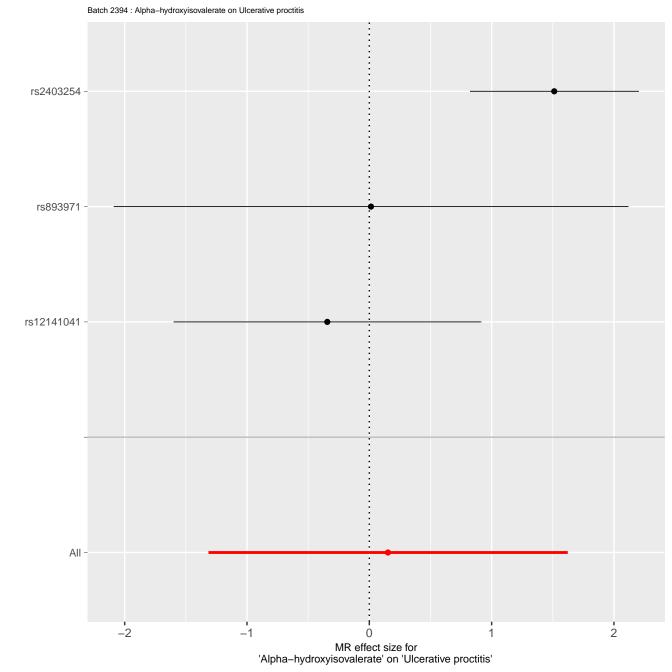


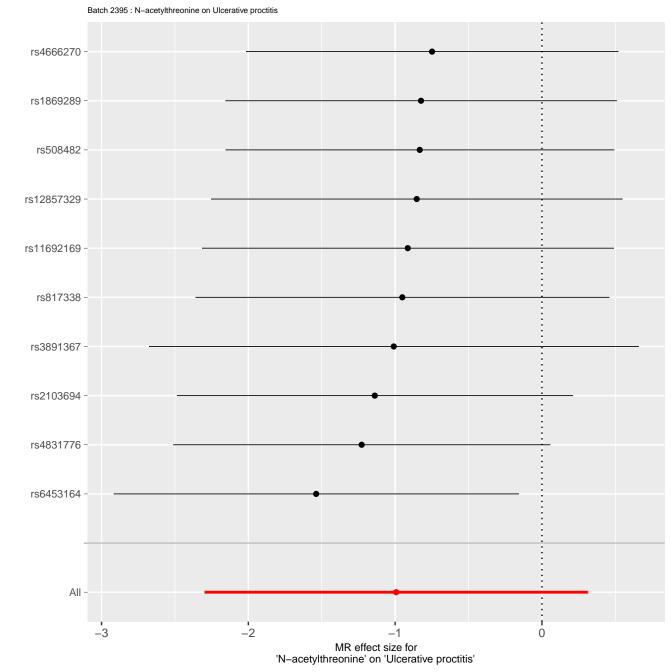


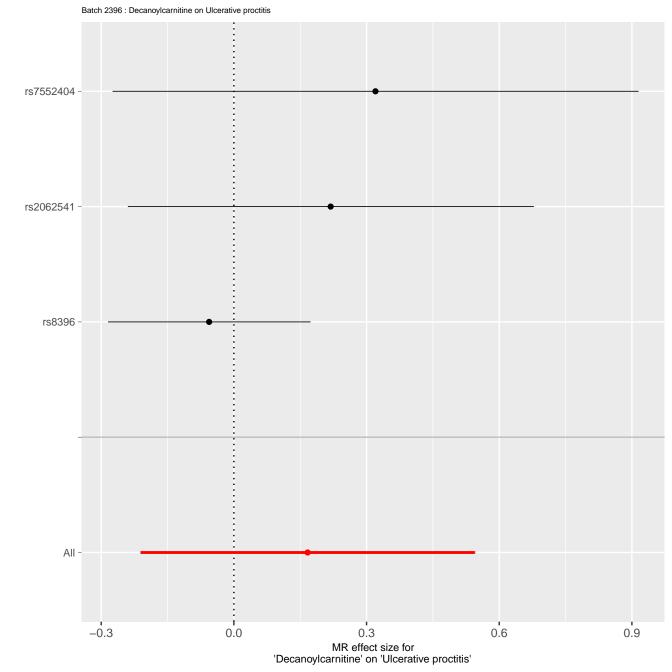


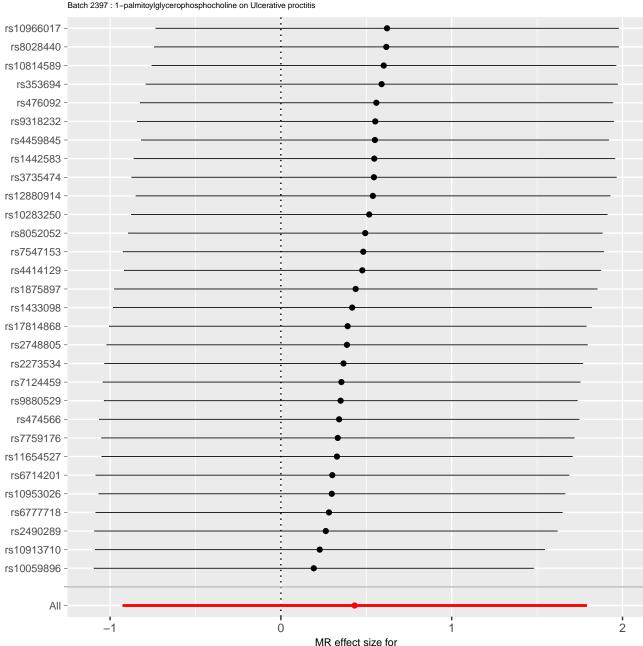




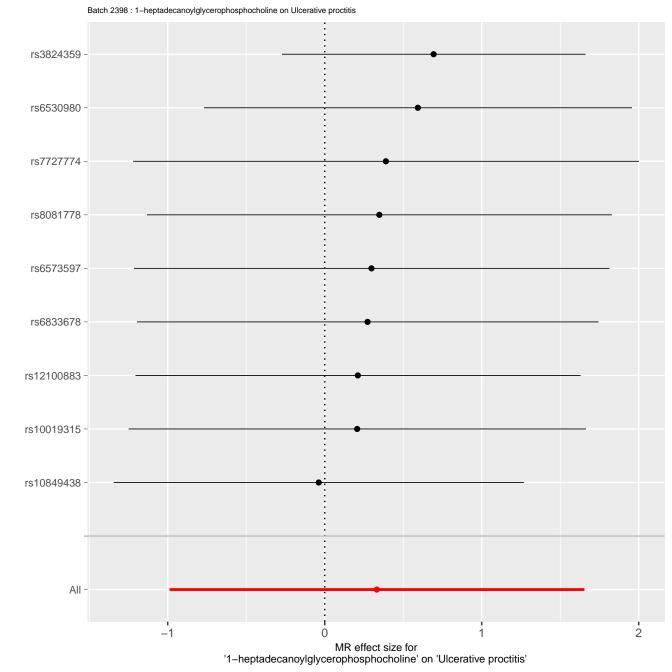


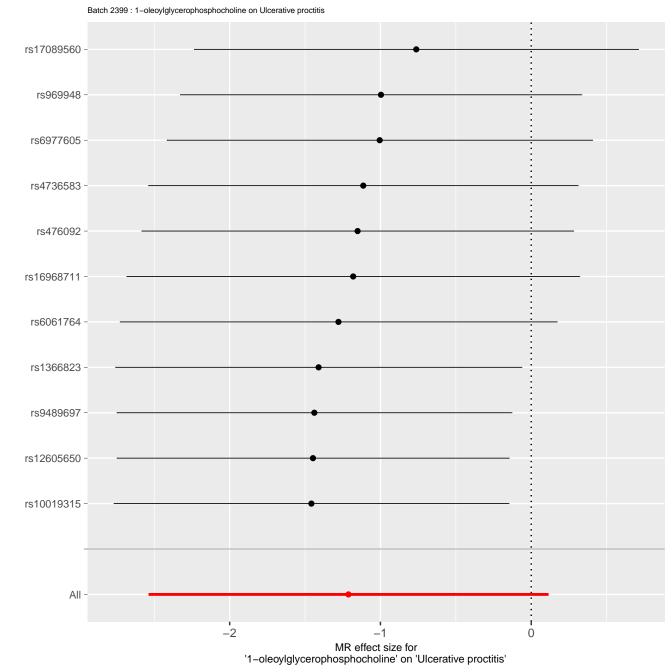


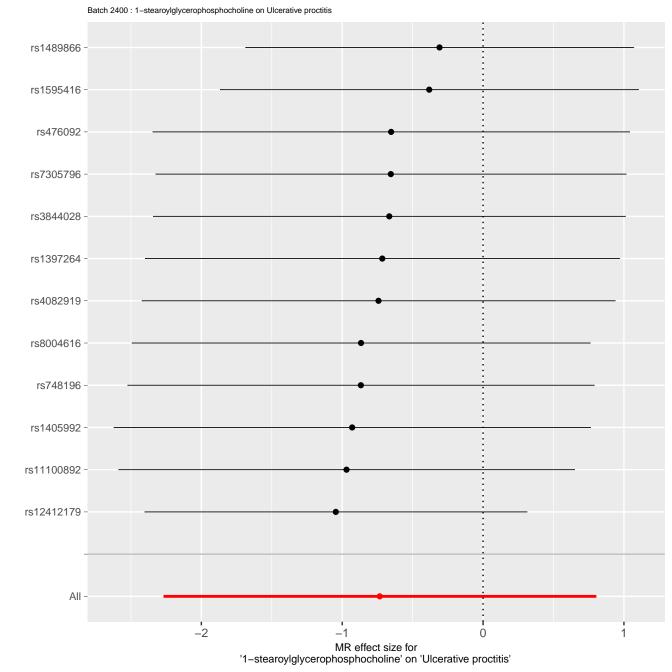


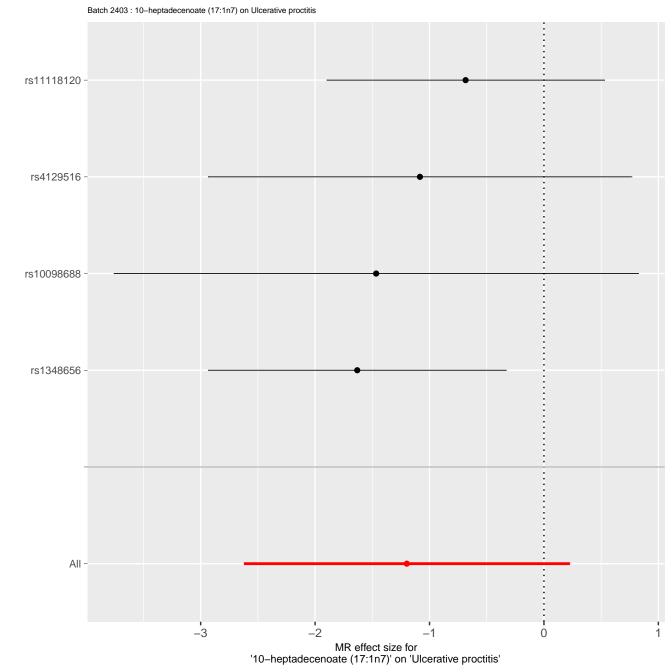


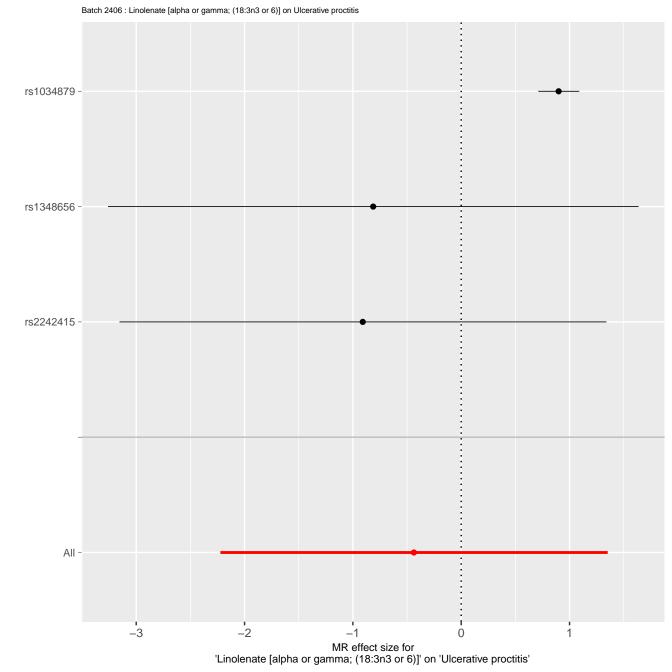
'1-palmitoylglycerophosphocholine' on 'Ulcerative proctitis'

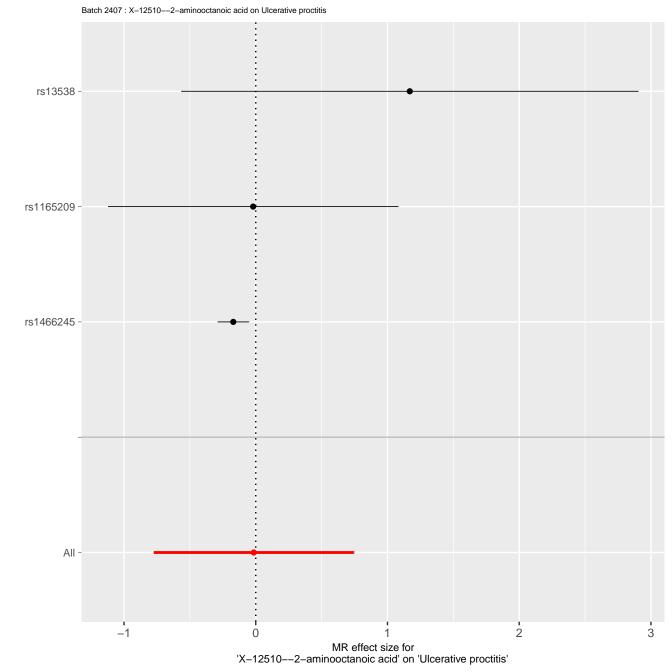


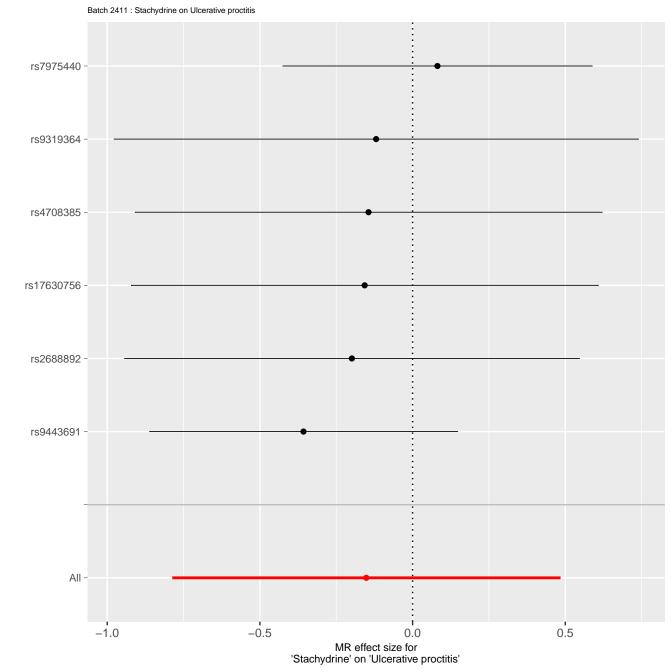


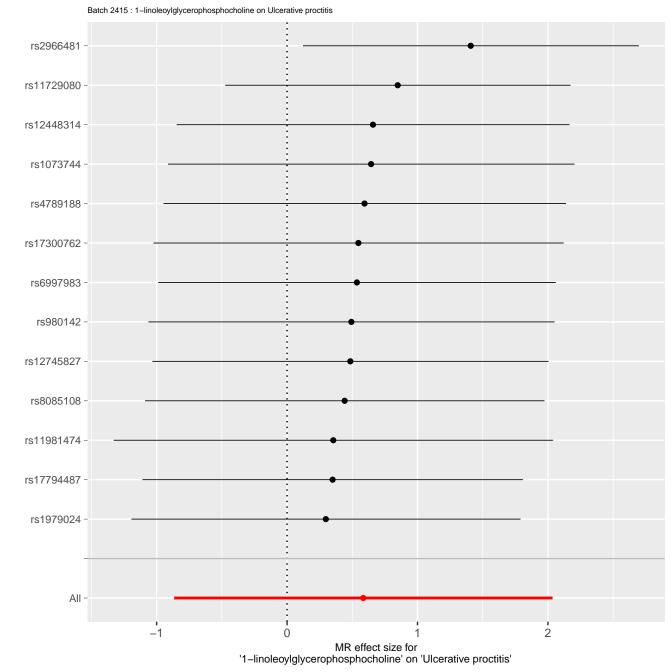


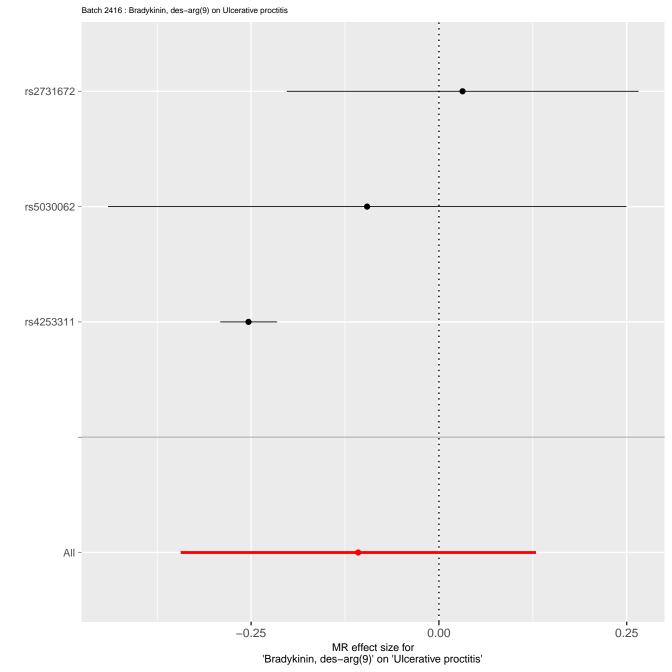


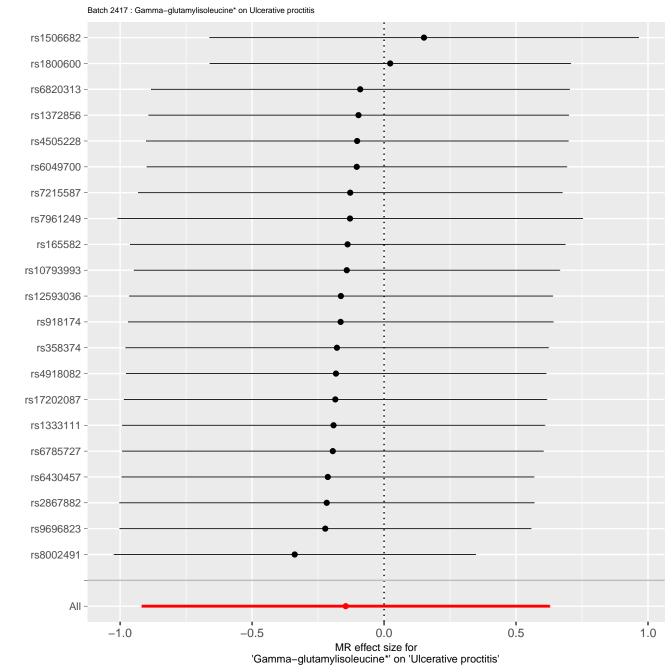


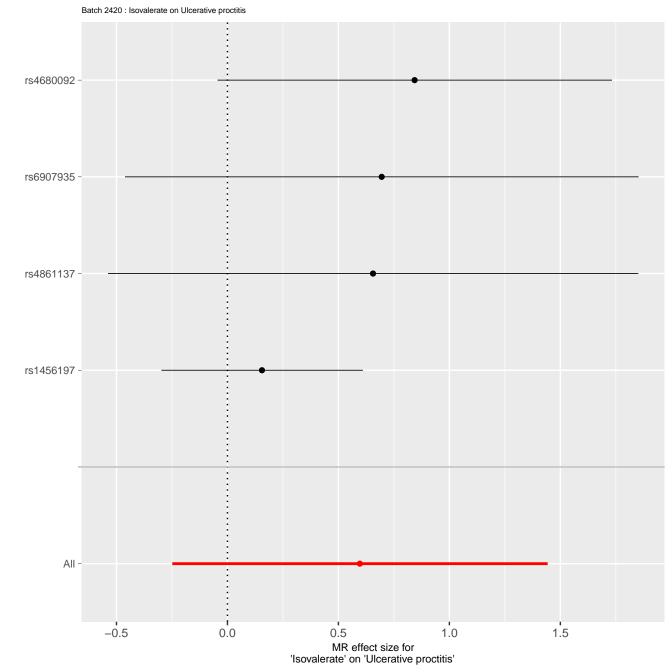




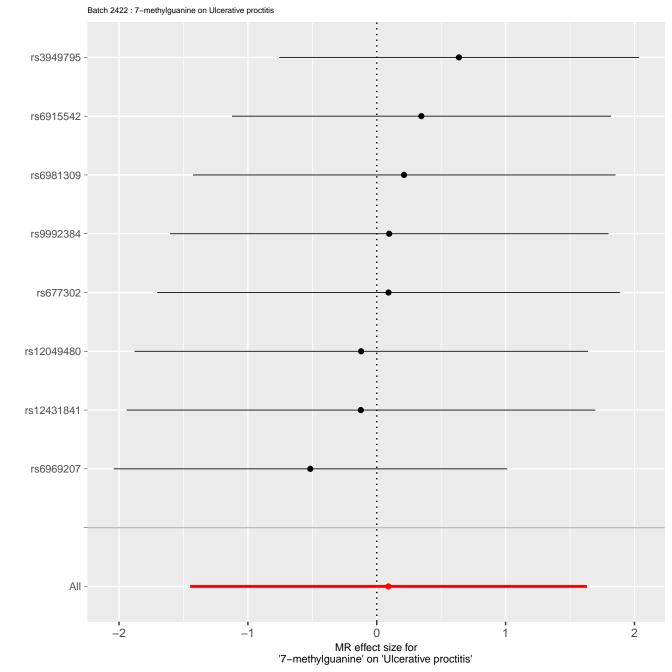


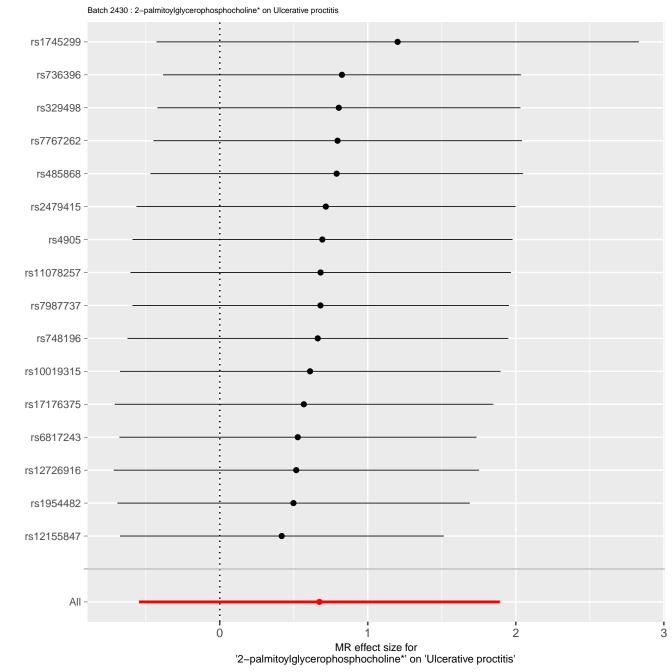


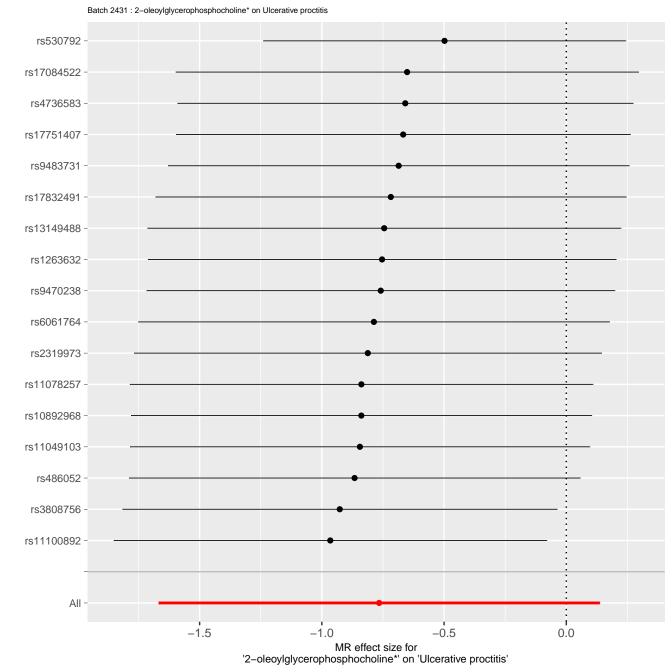


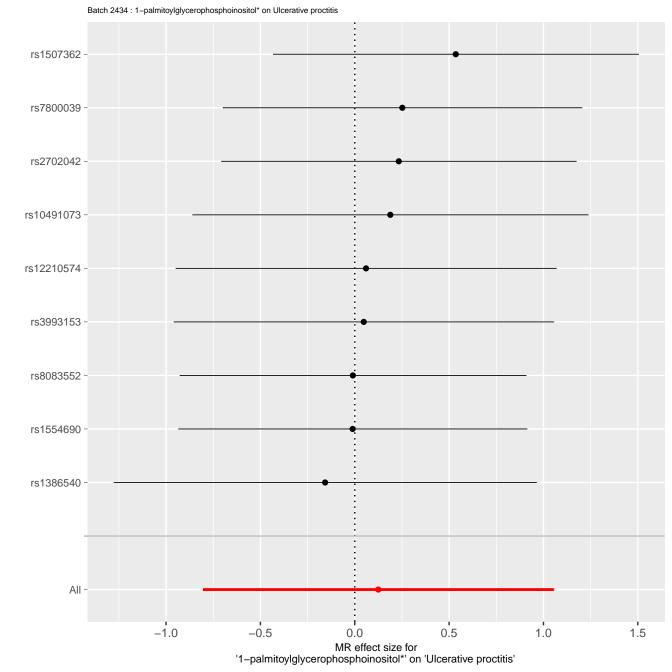


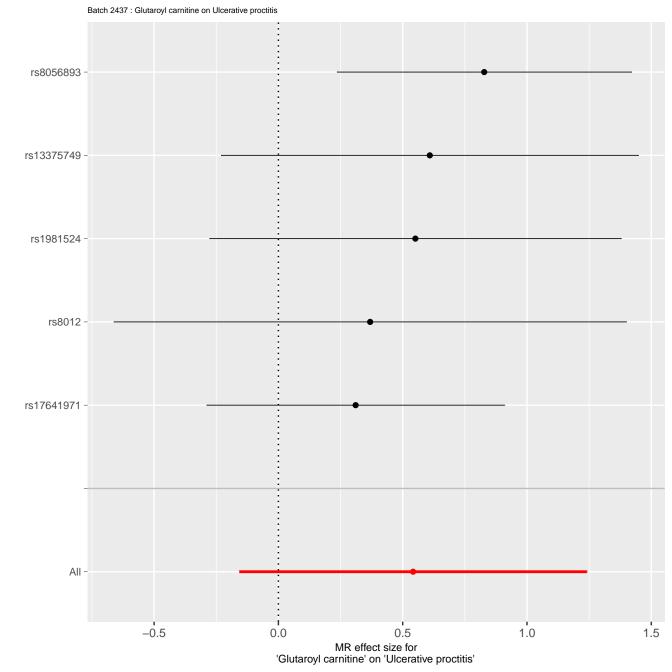
'X-13183--stearamide' on 'Ulcerative proctitis'

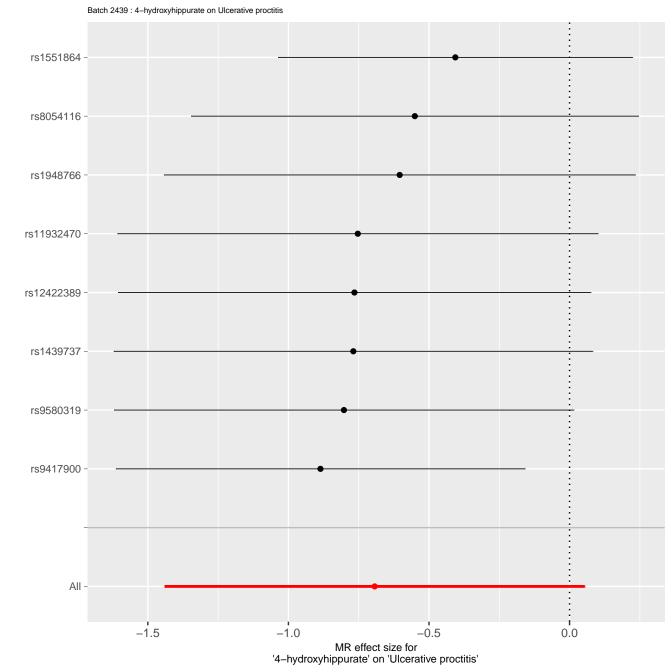


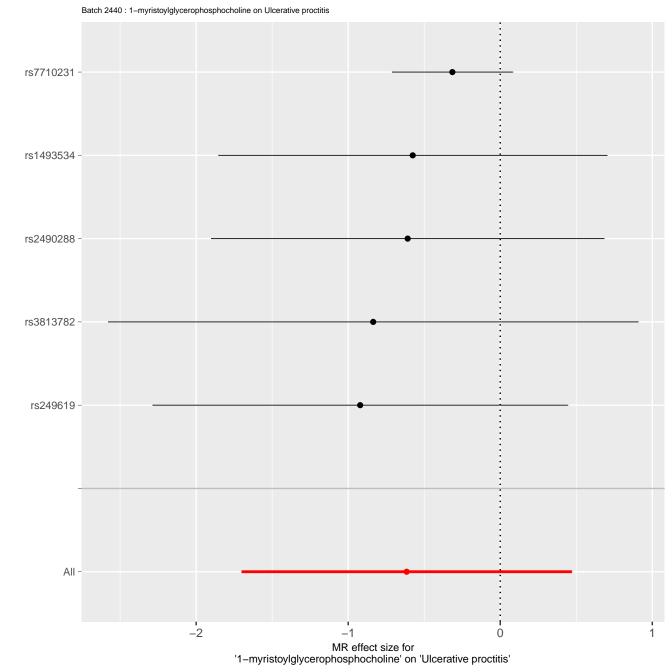


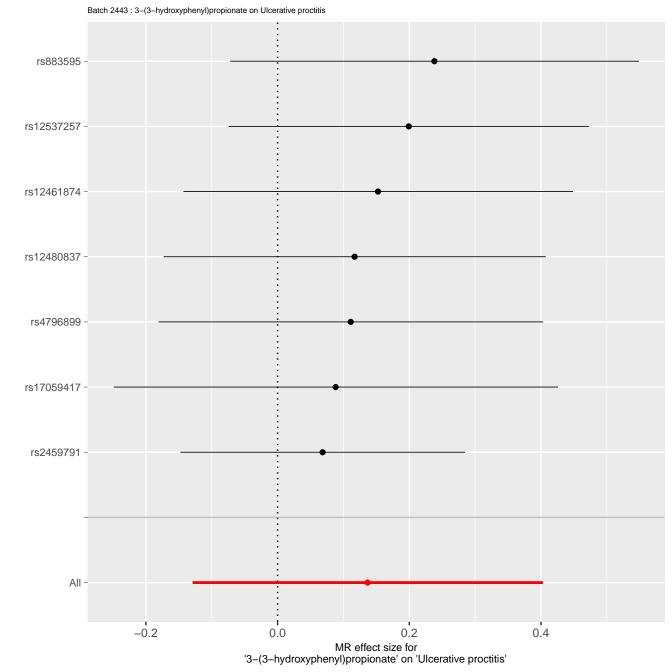


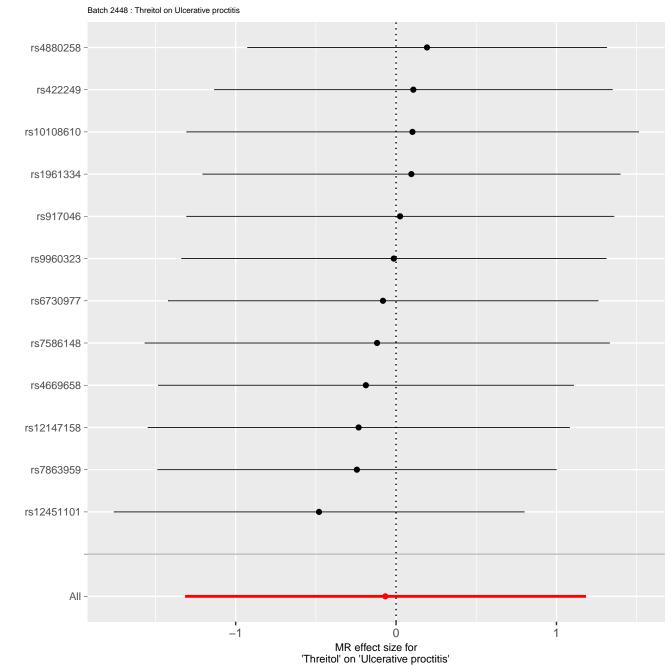


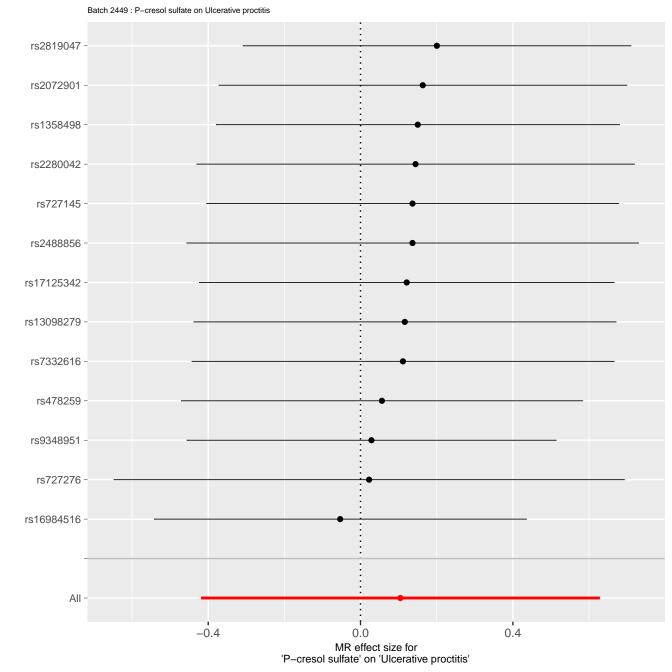


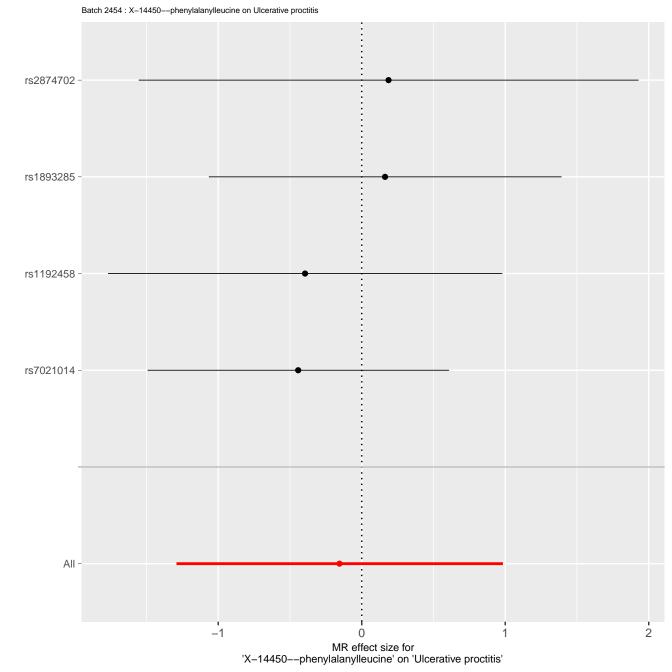


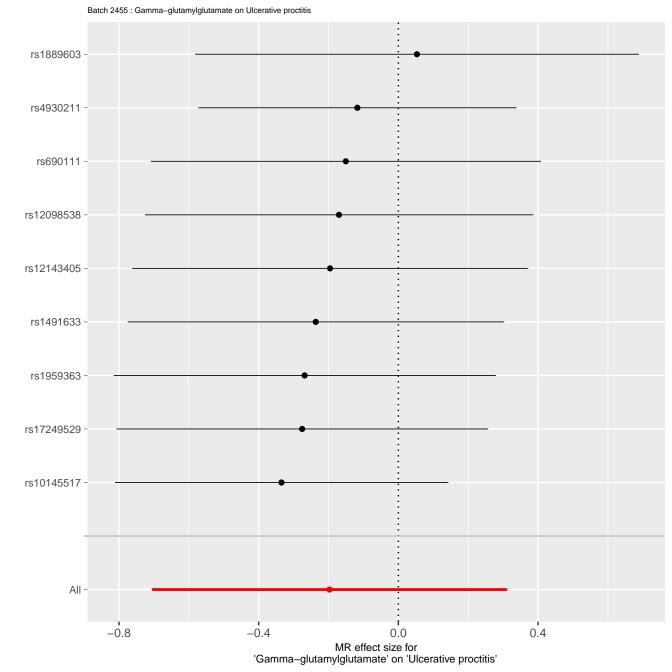


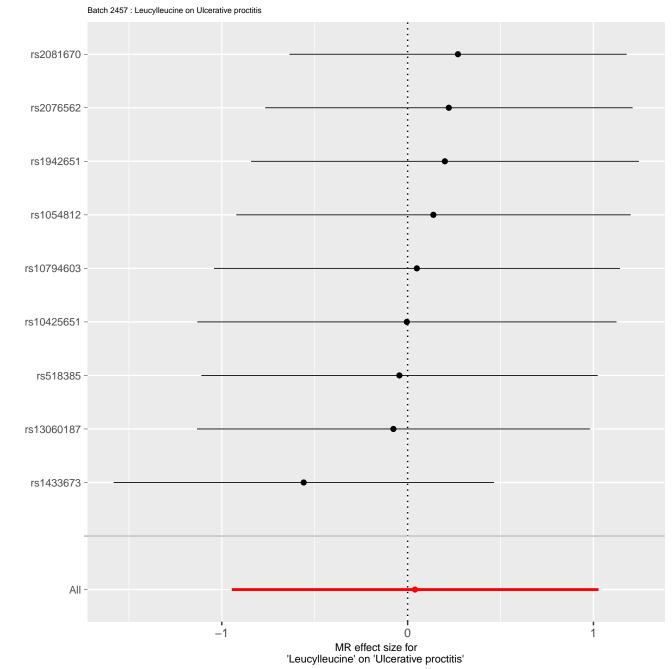


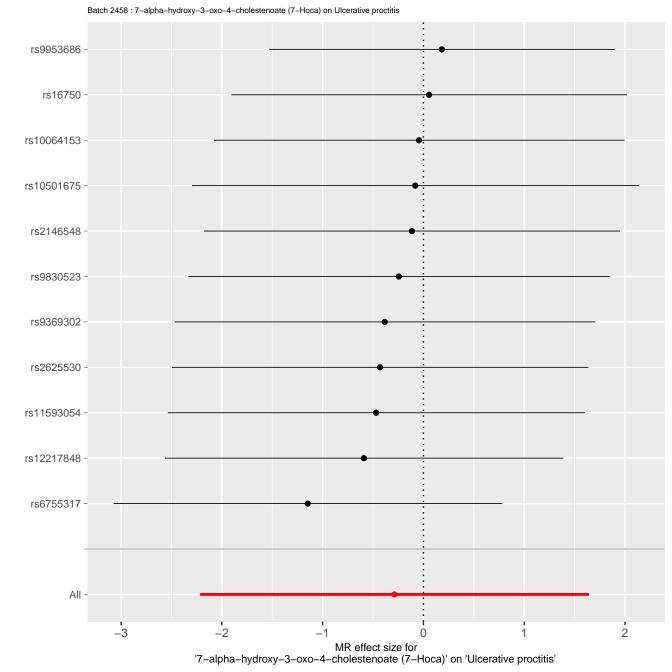


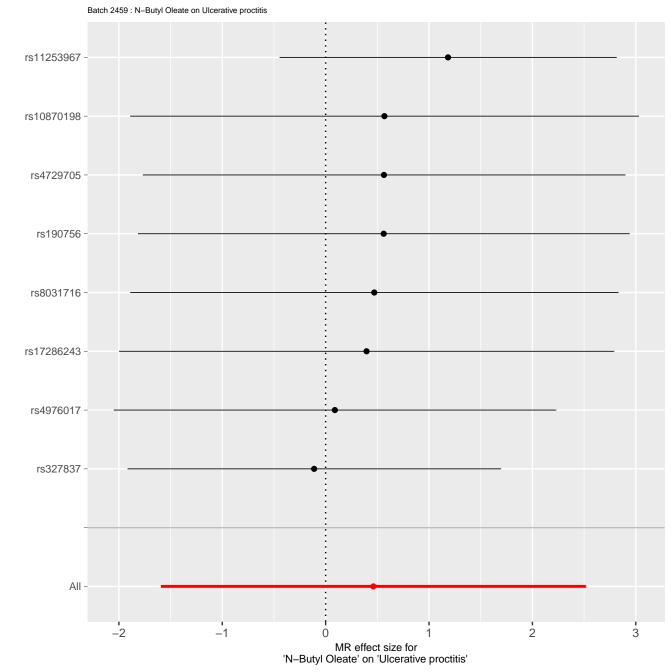


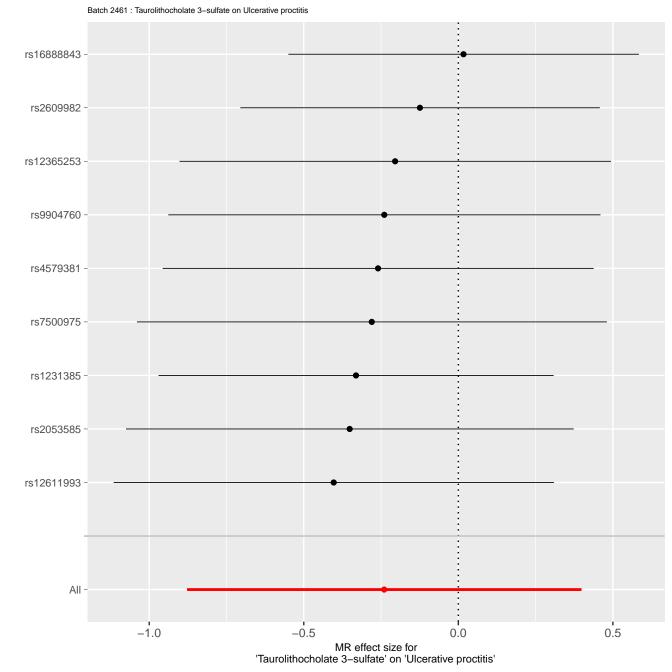


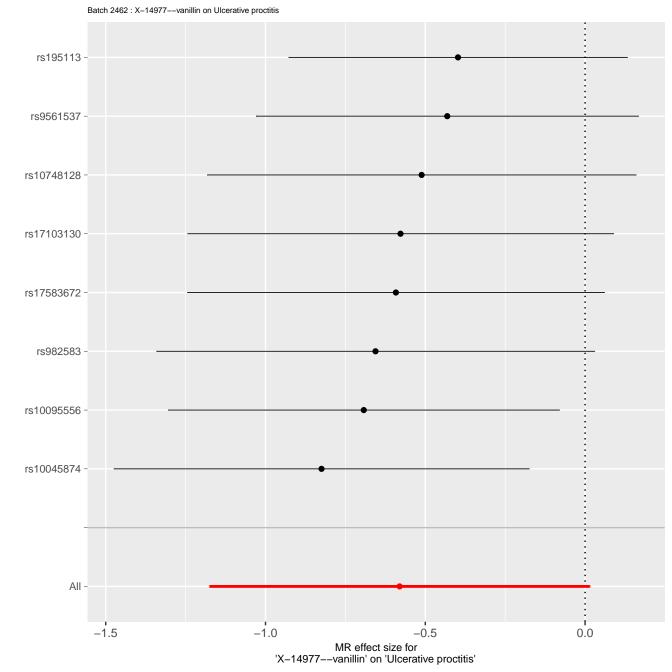


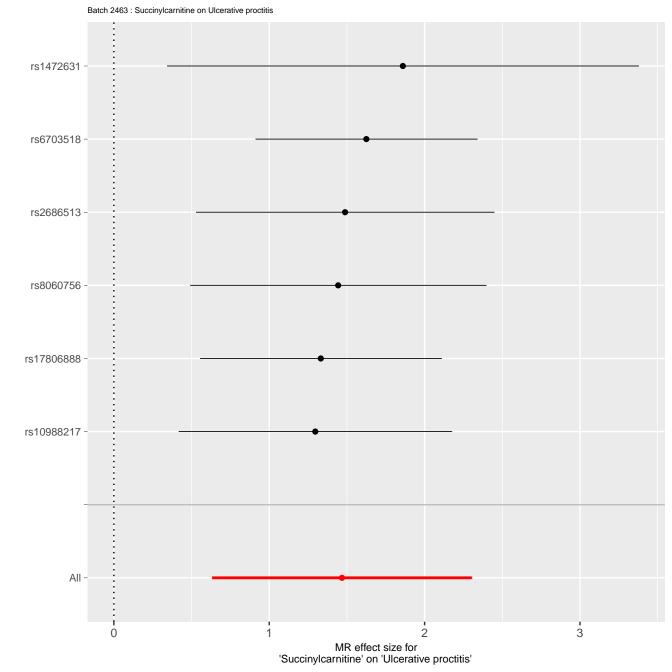


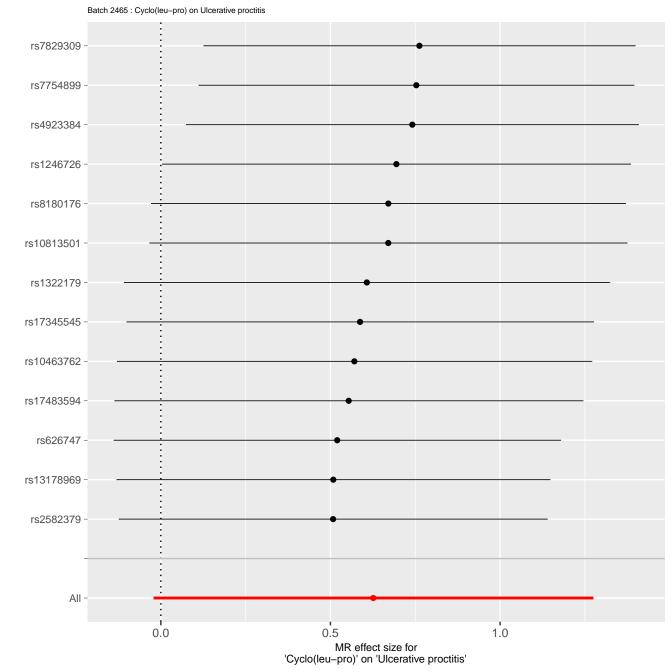


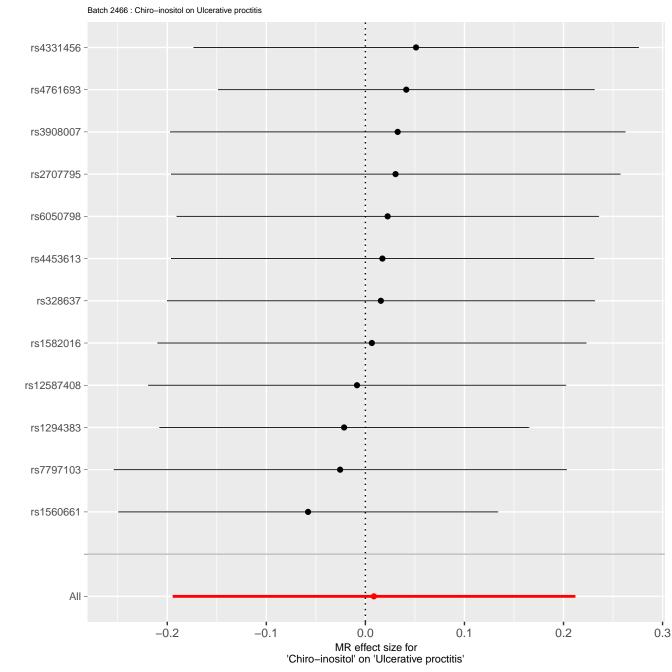


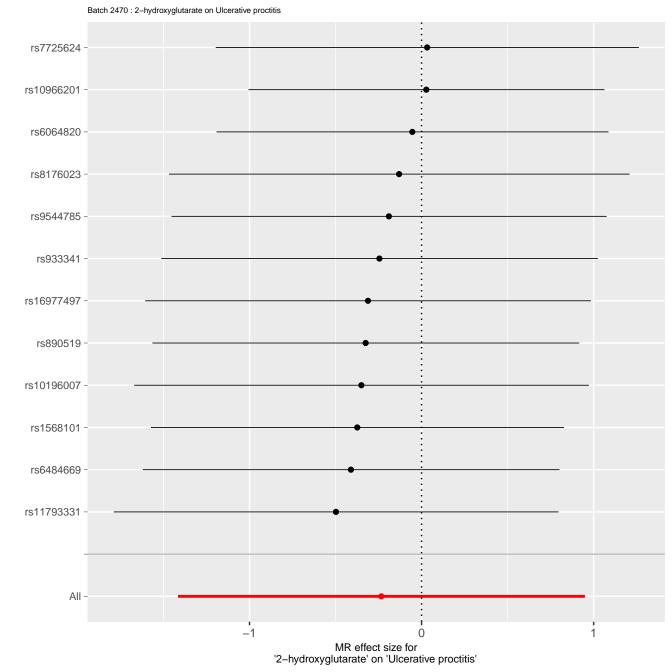


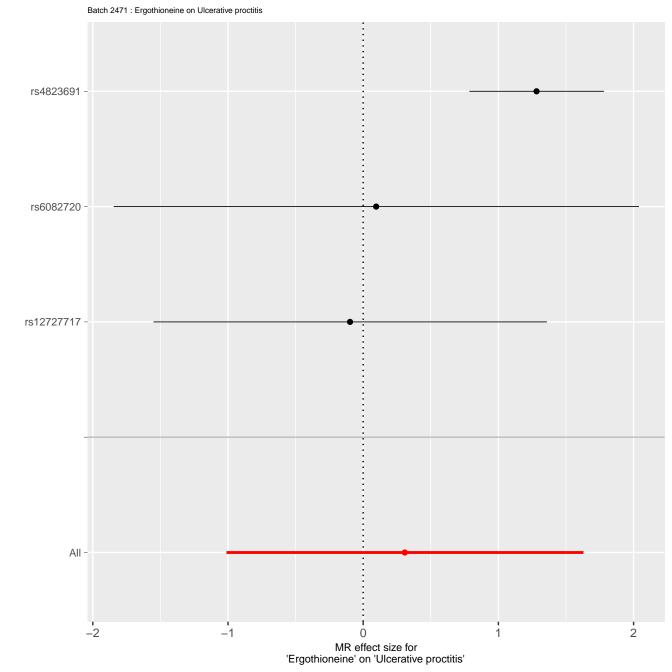


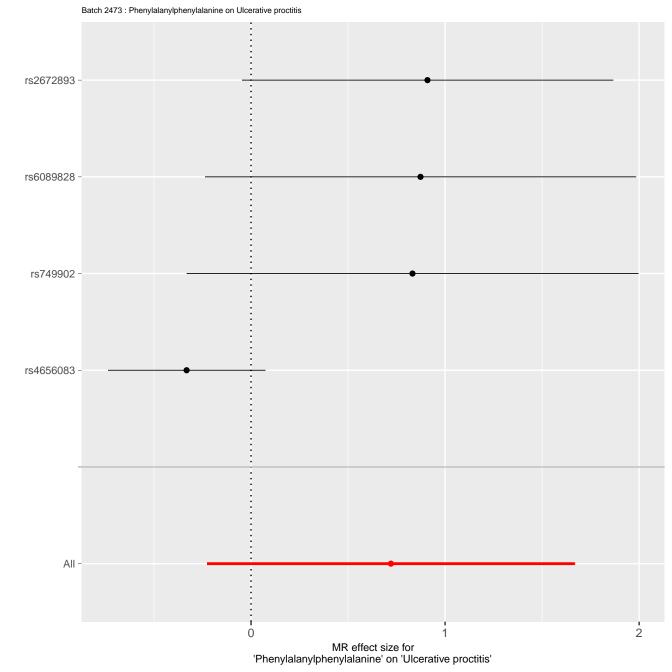


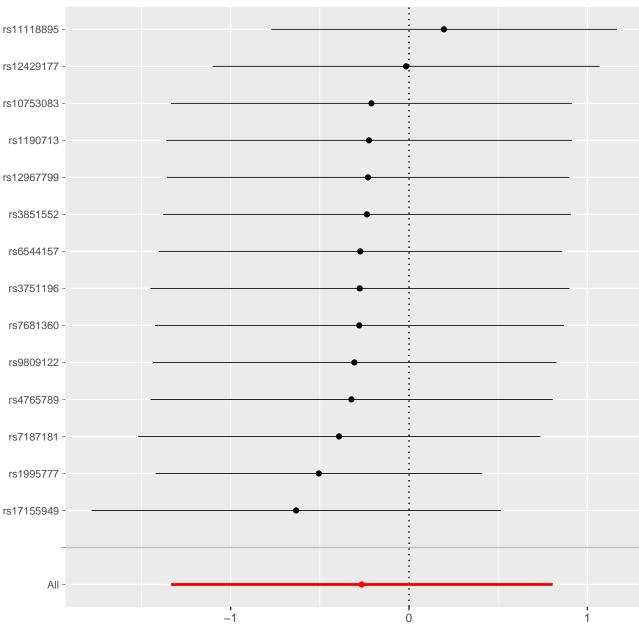






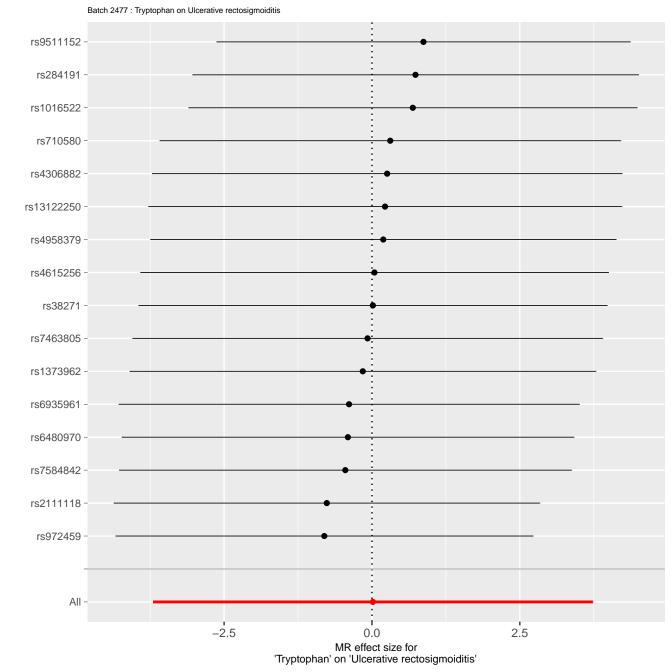


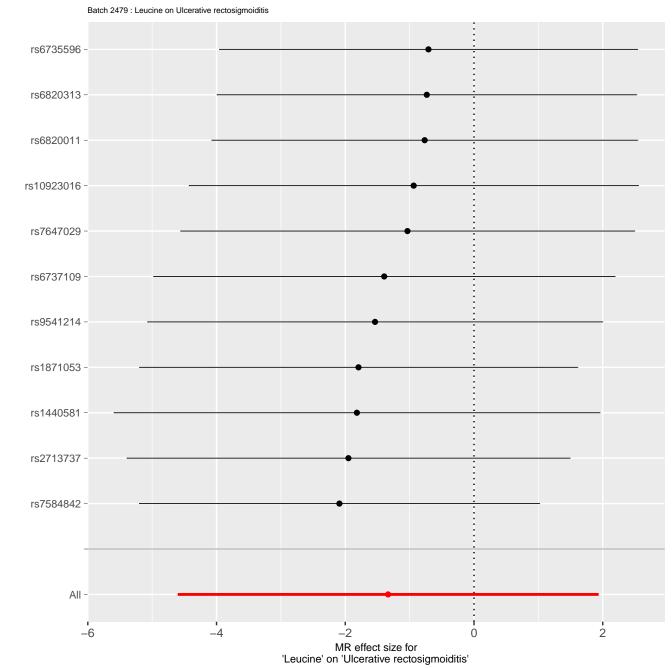


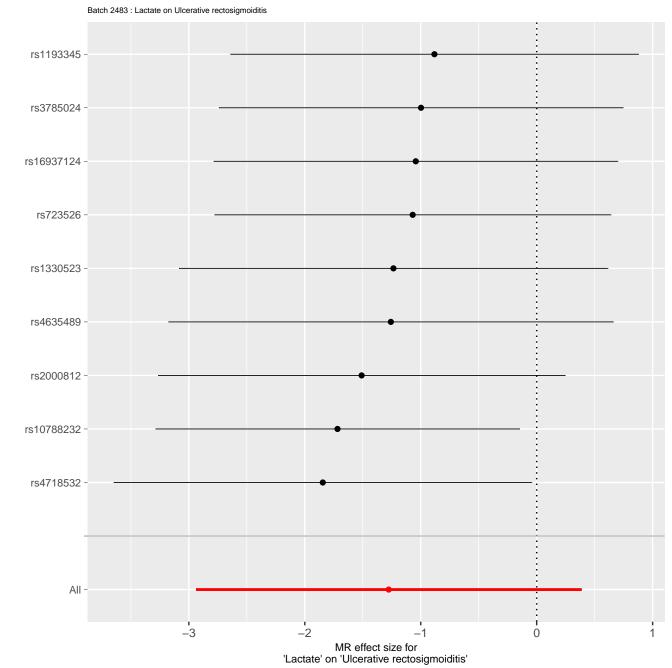


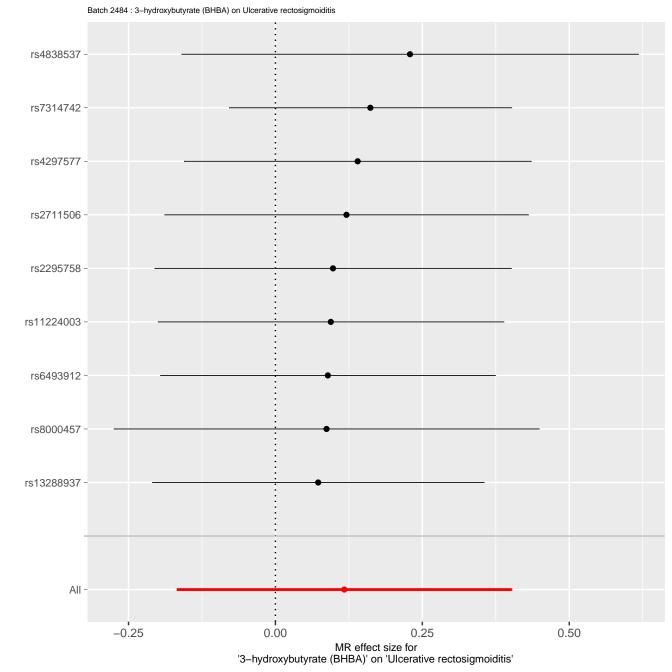
Batch 2475 : 15-methylpalmitate (isobar with 2-methylpalmitate) on Ulcerative proctitis

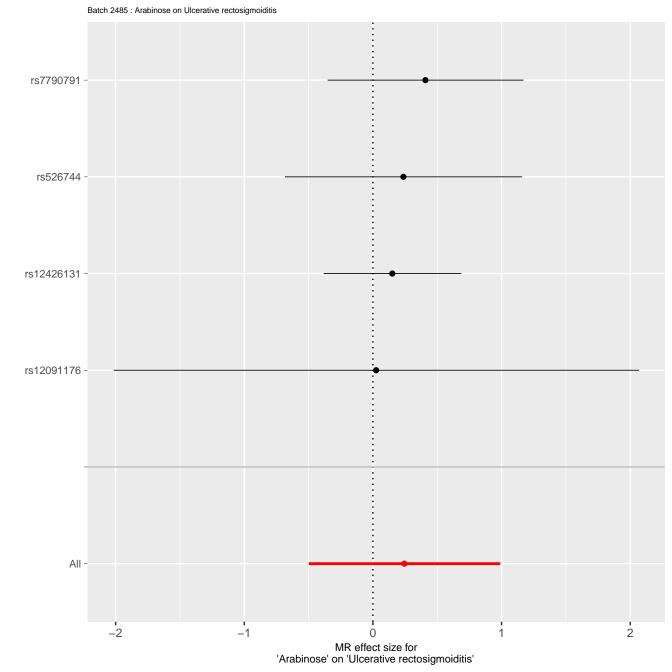
MR effect size for '15–methylpalmitate (isobar with 2–methylpalmitate)' on 'Ulcerative proctitis'

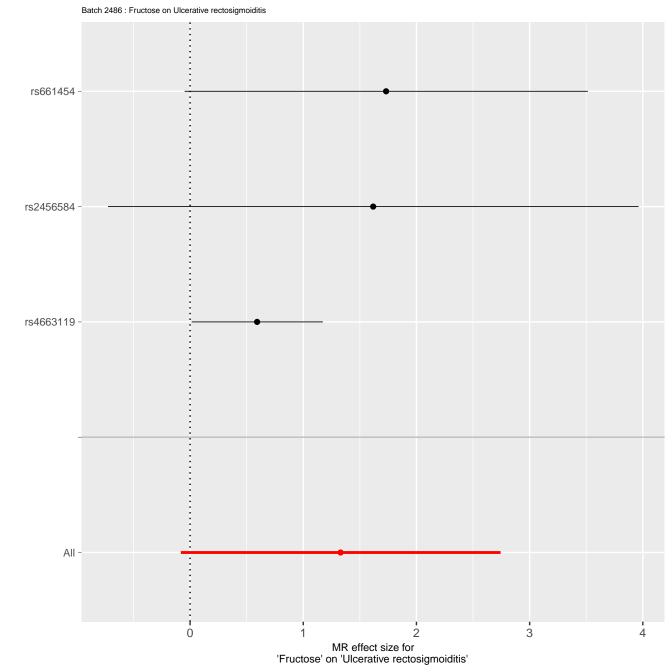


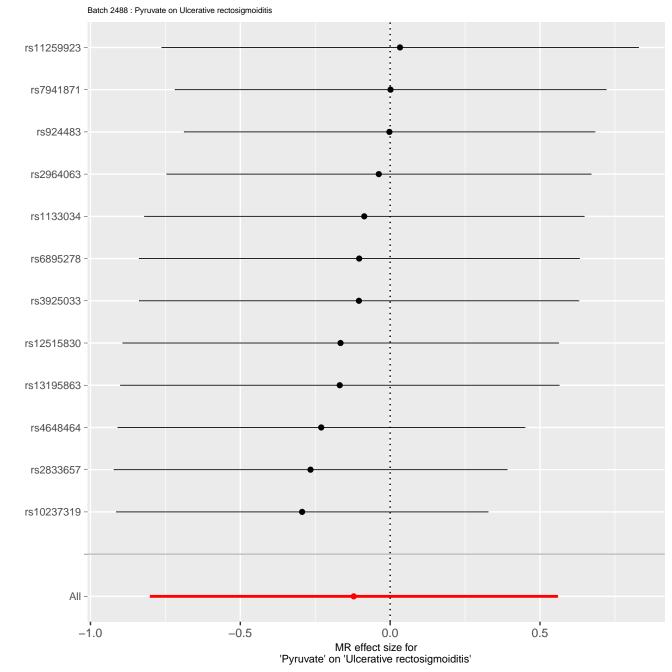


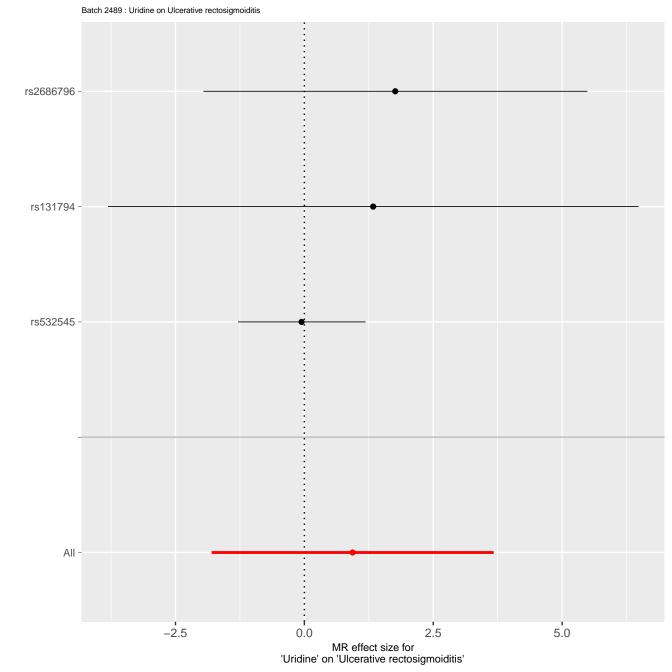


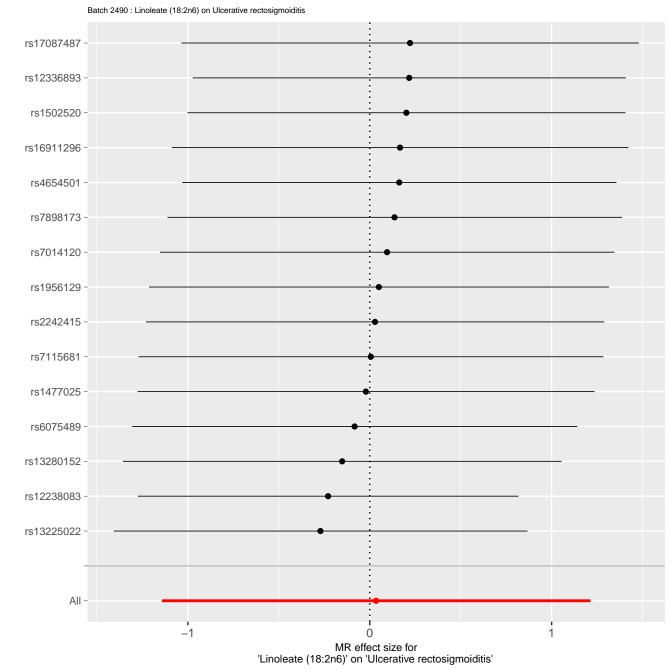


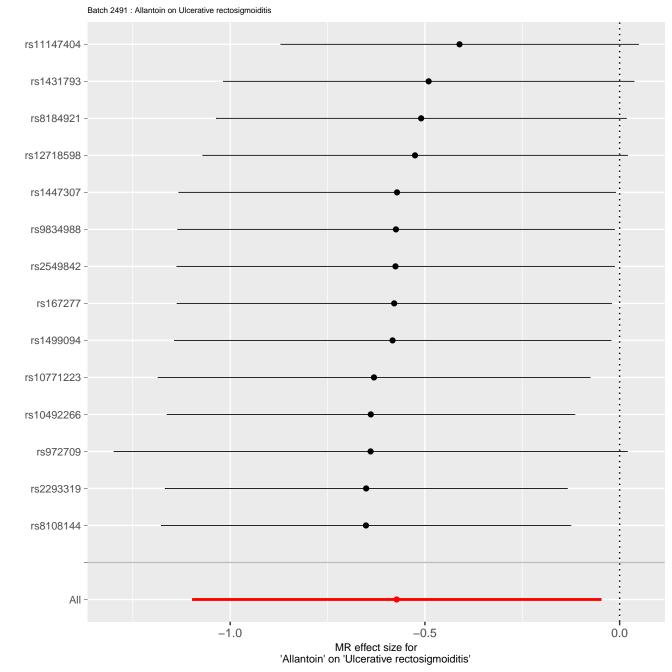


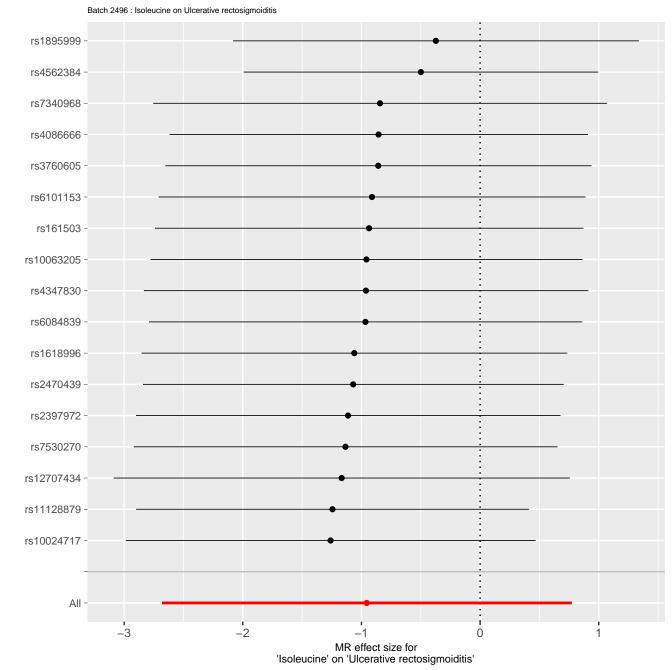


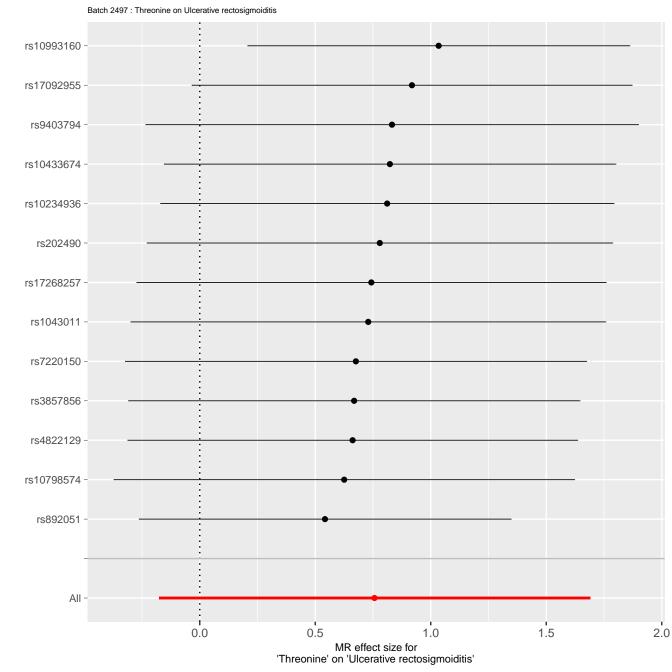


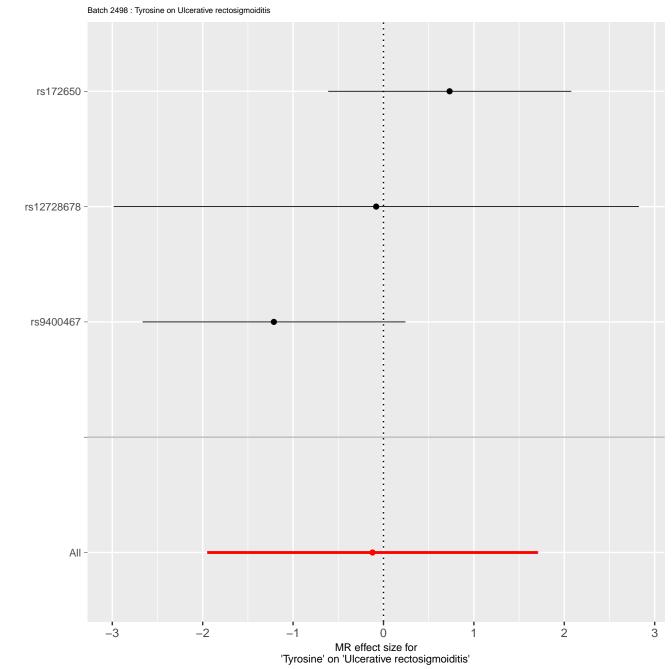


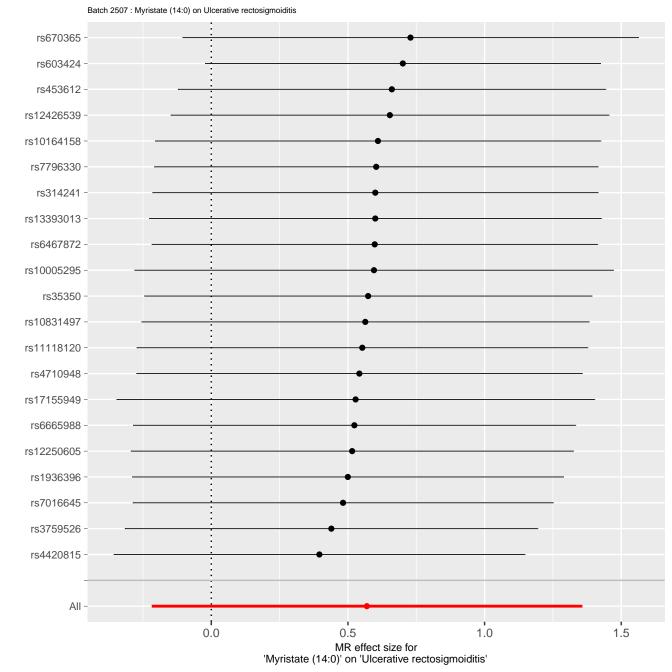


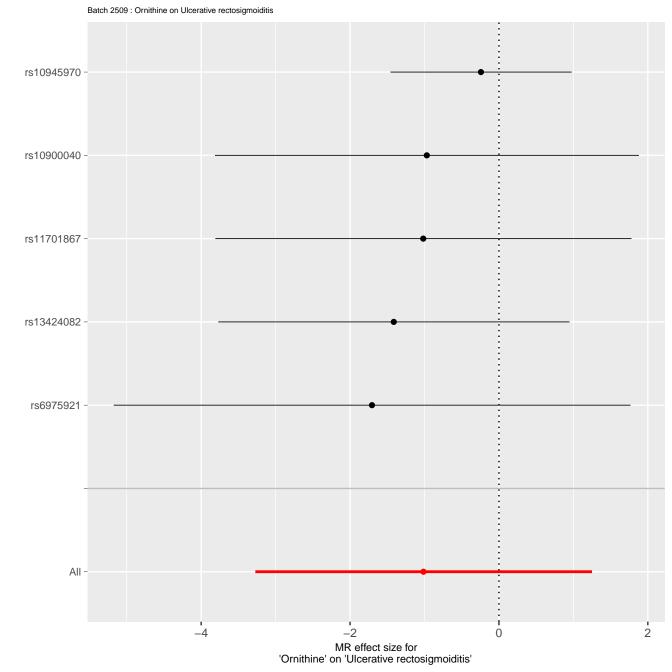


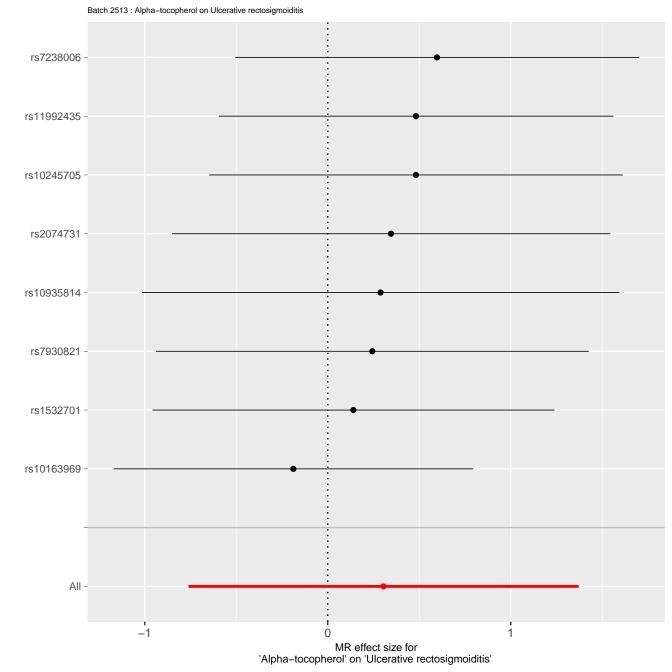


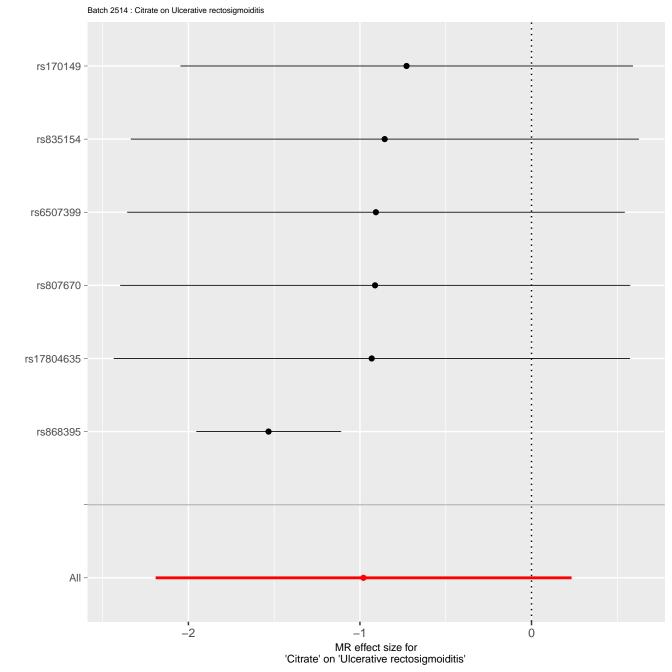


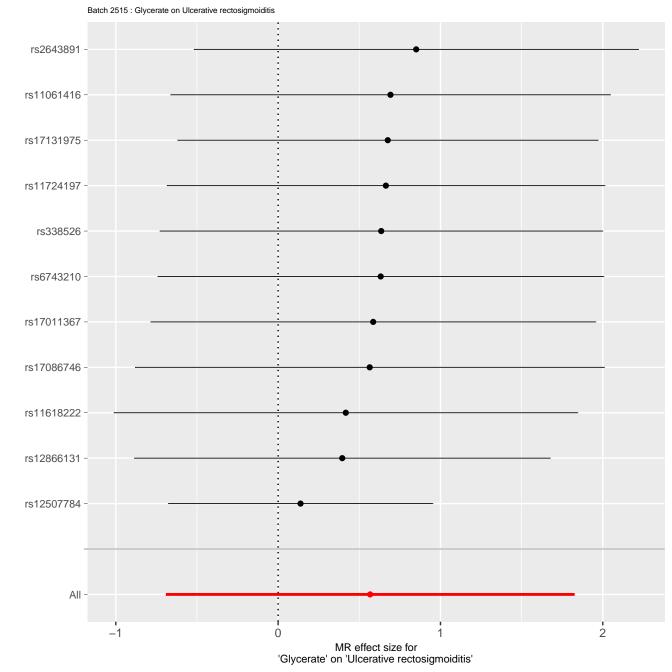


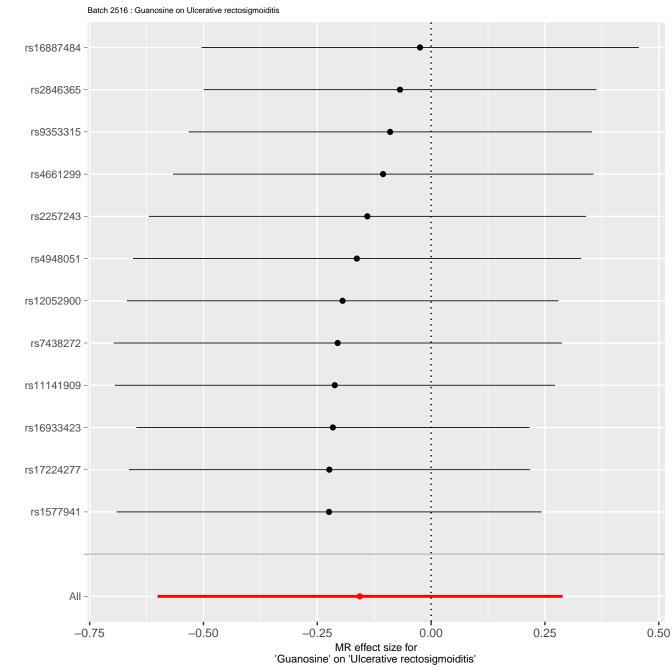


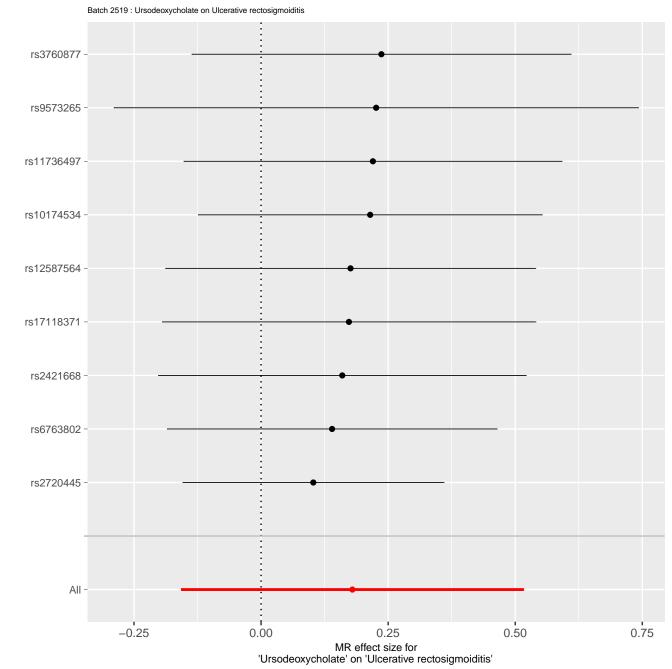


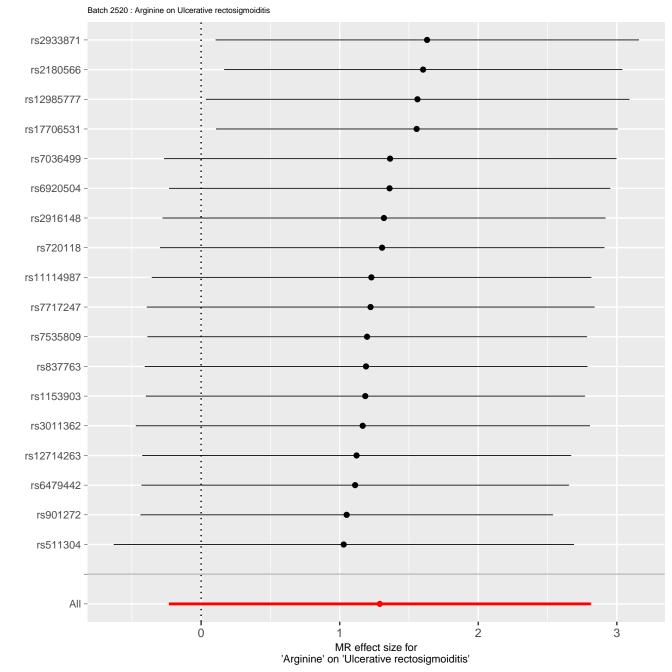


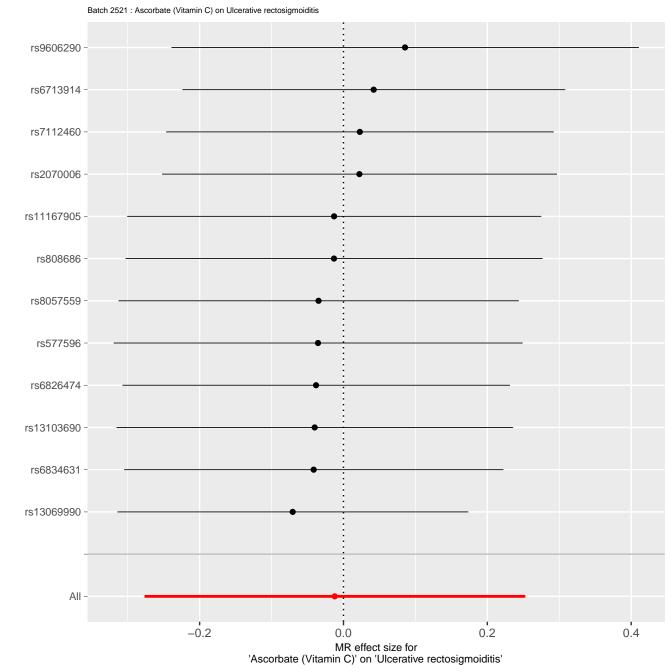


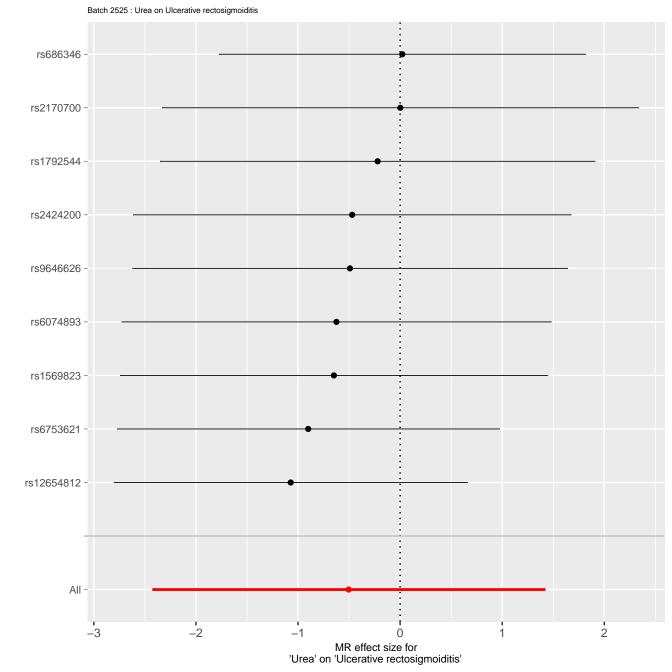


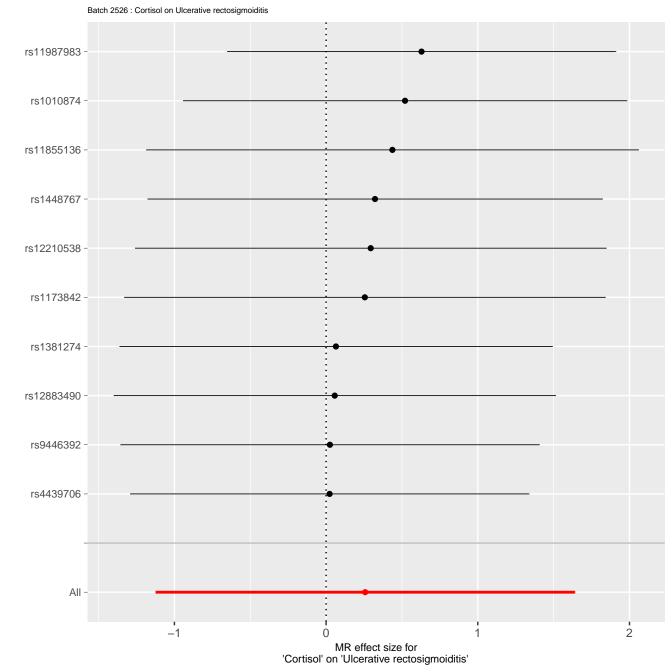


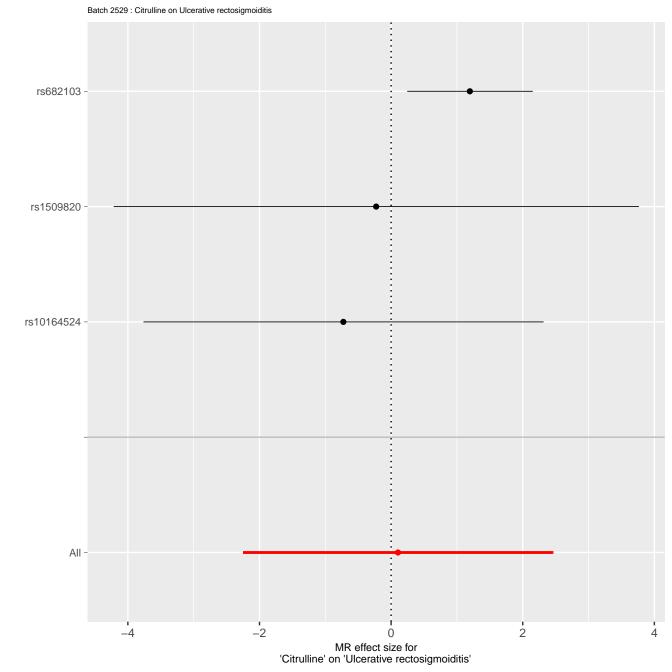


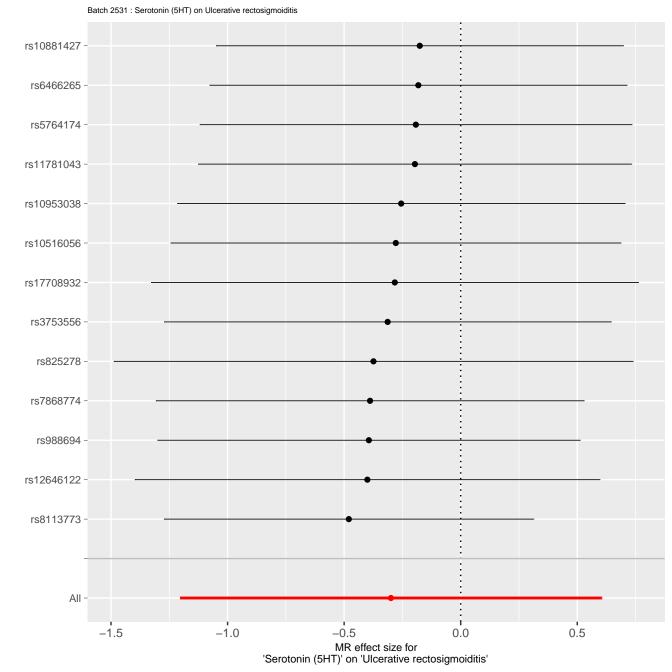


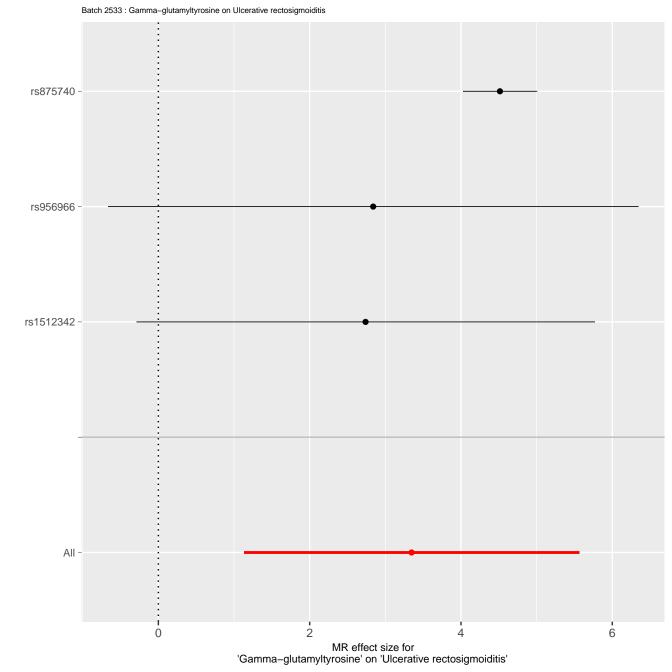


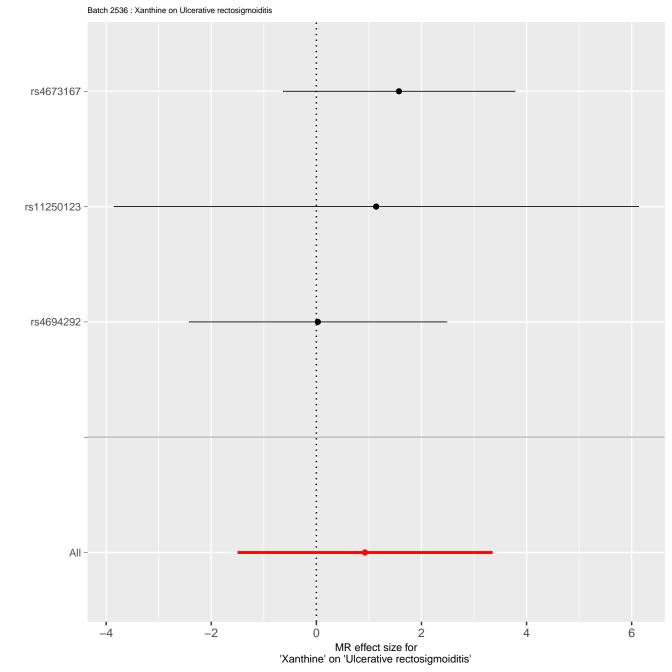


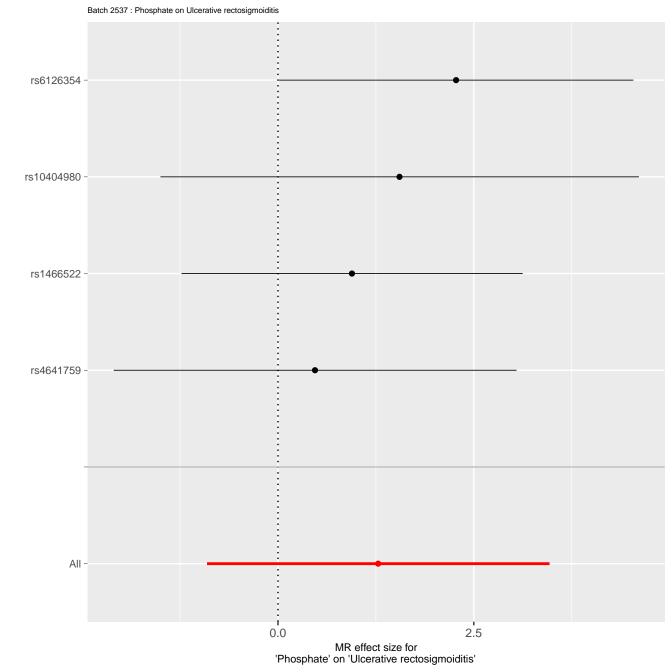


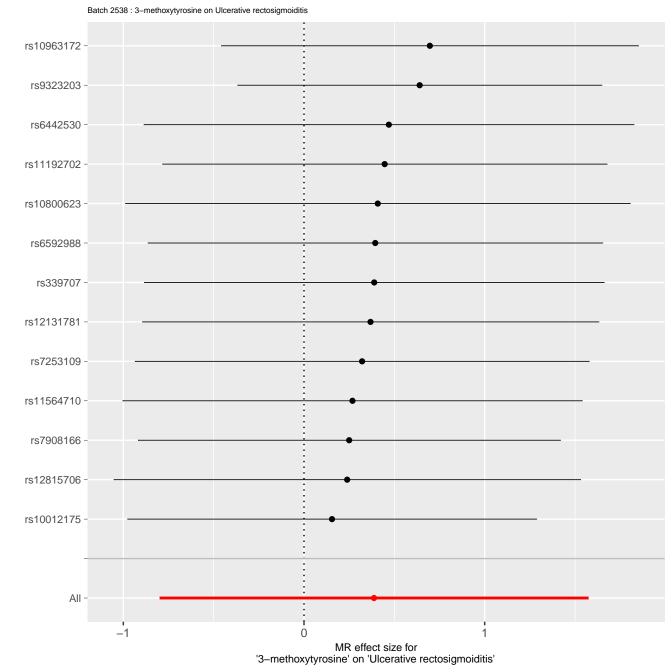


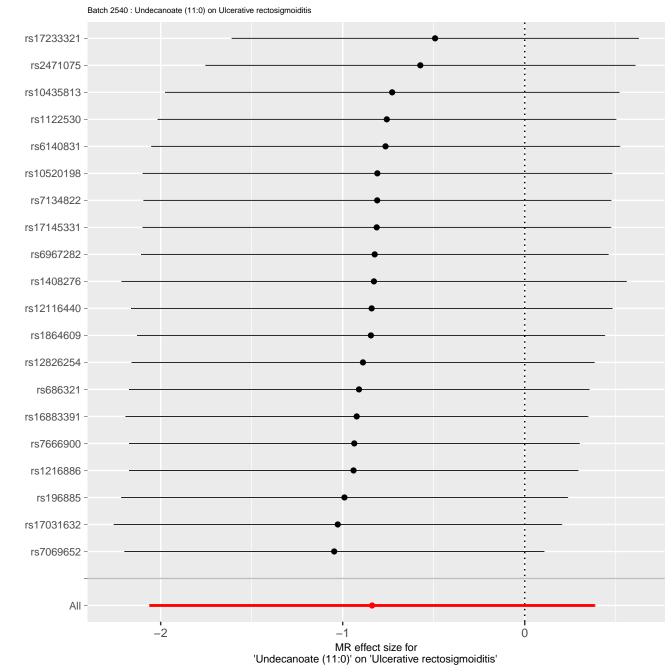


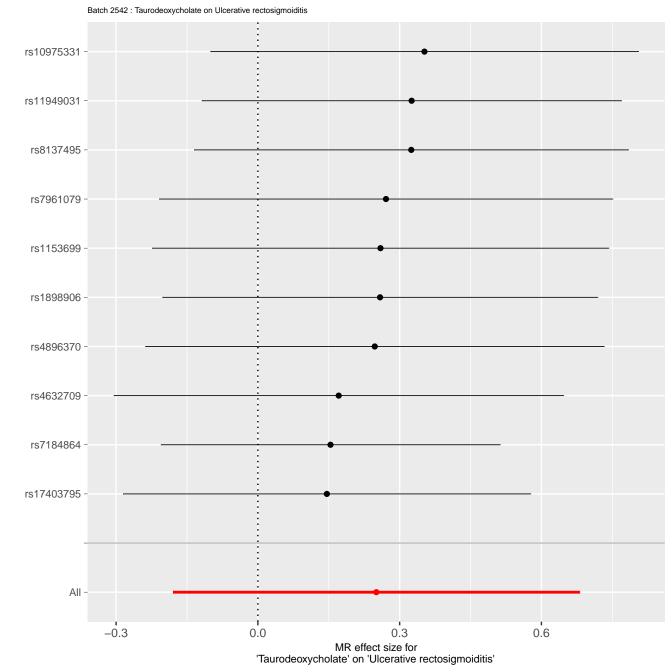








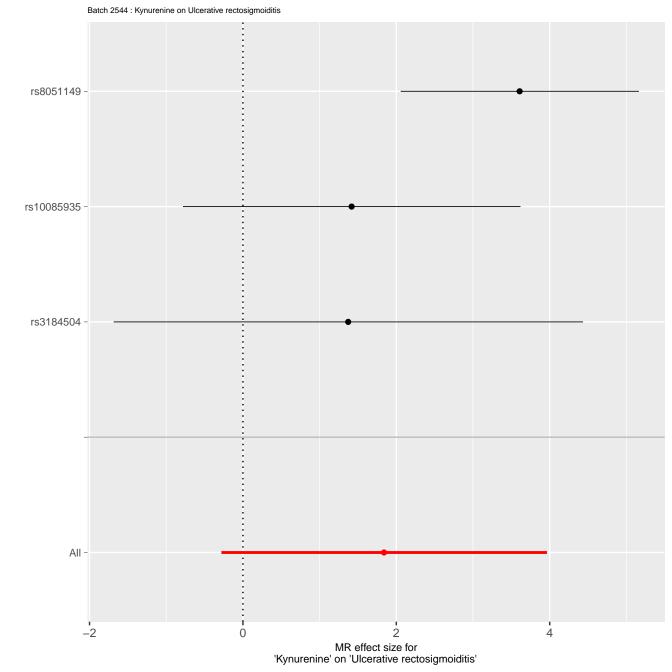


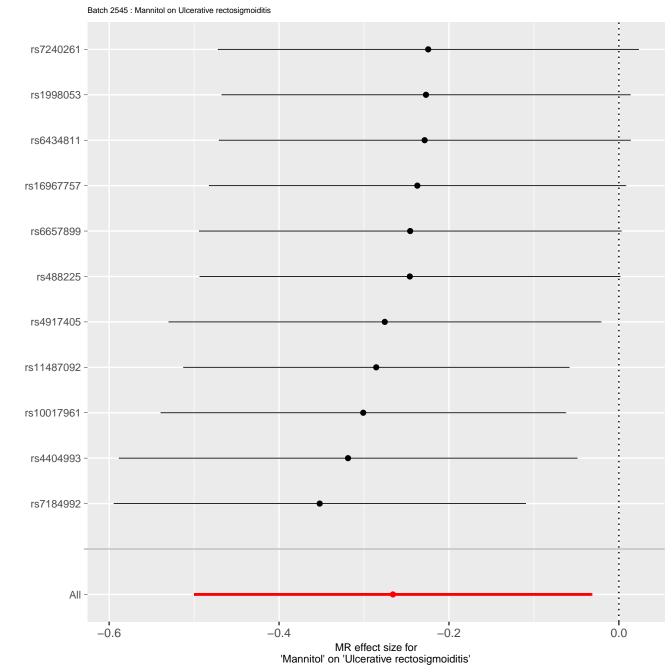


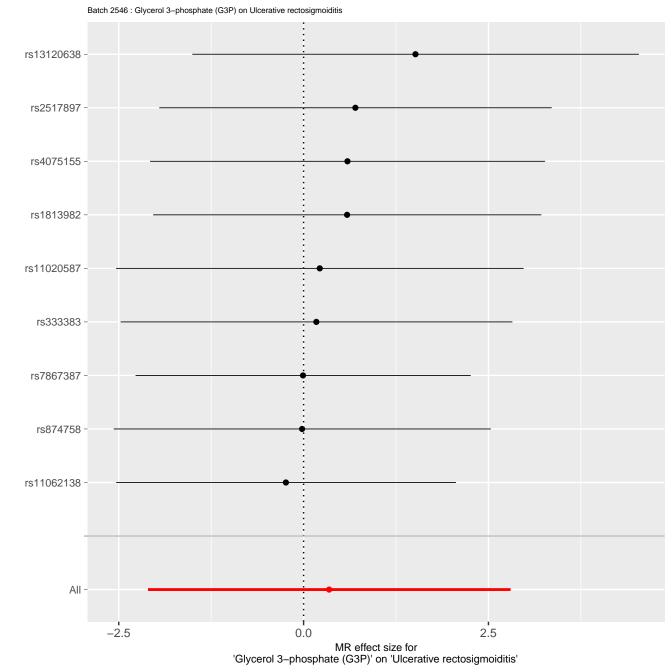
rs10216545 rs1614303 rs10839972 rs9878149 rs10036528 rs13216754 rs641939 rs5759809 rs2259038 rs12337470 rs2941840 rs5022234 rs9374302 rs2501242 -All --1 MR effect size for

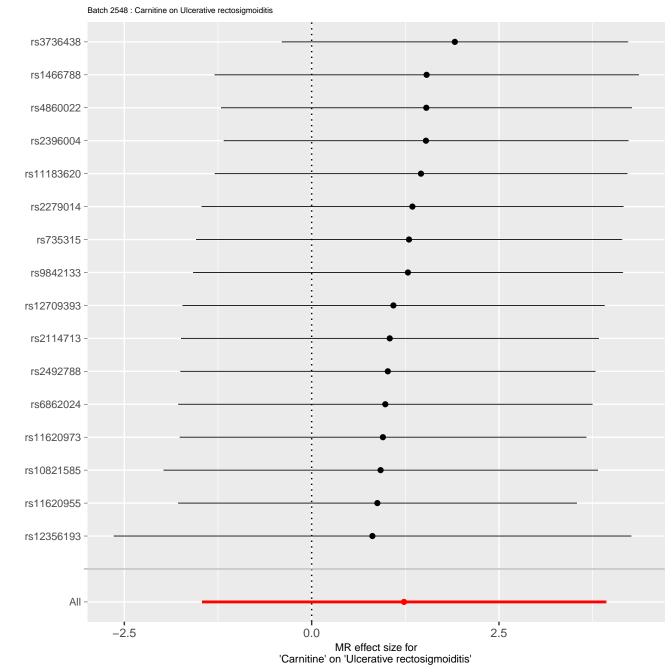
'Glycerol' on 'Ulcerative rectosigmoiditis'

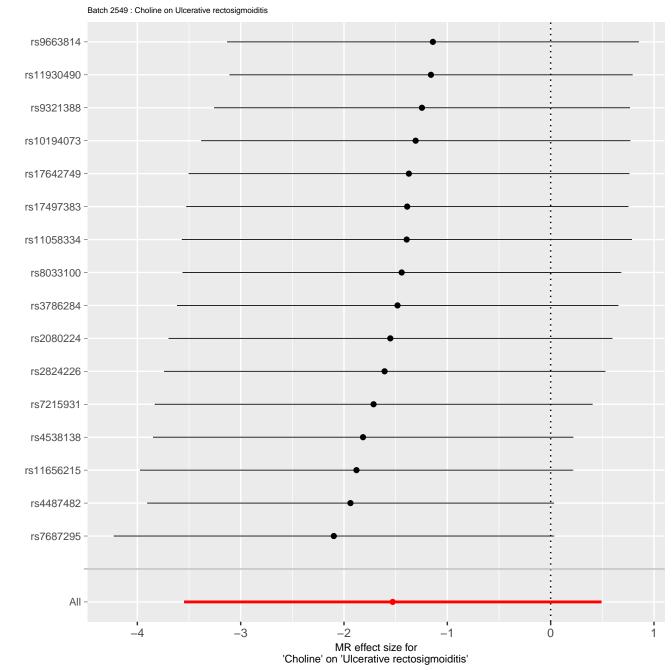
Batch 2543 : Glycerol on Ulcerative rectosigmoiditis

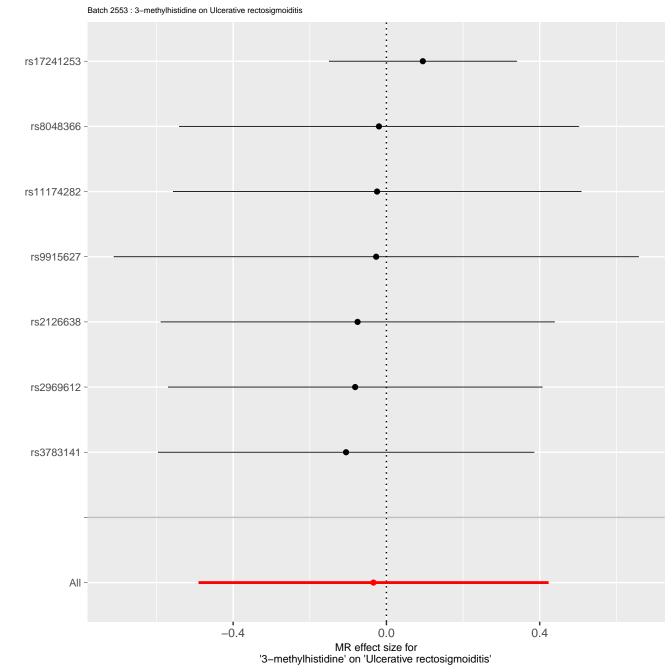


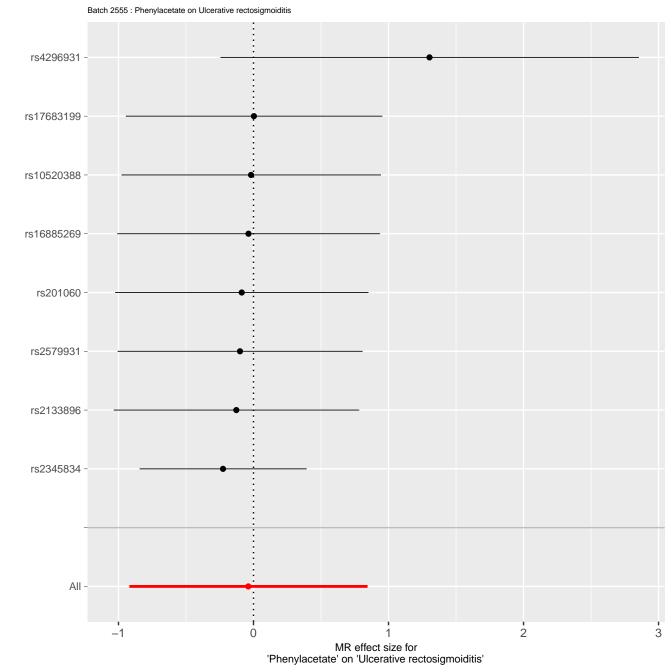


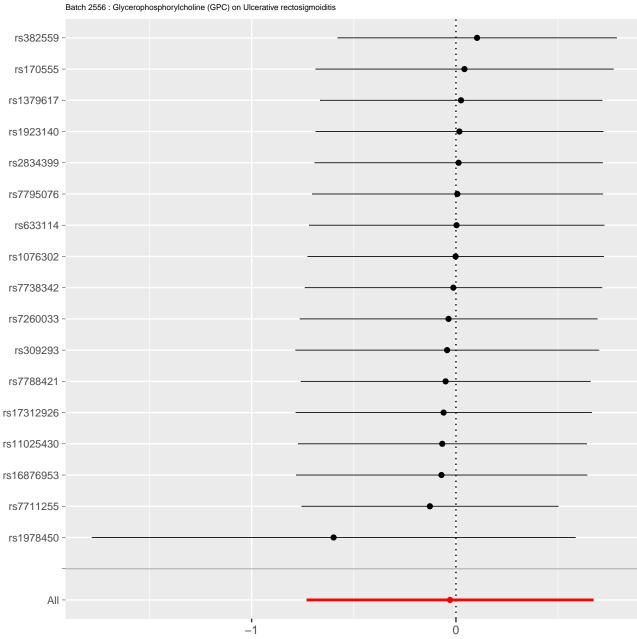




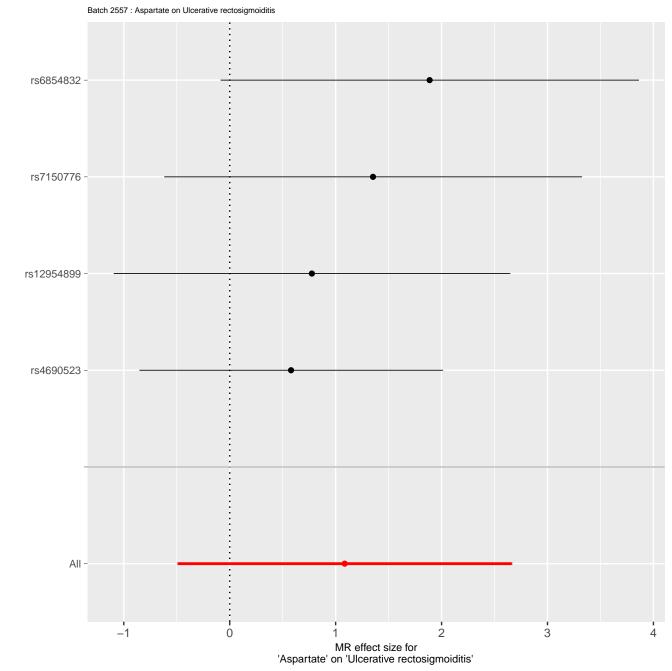


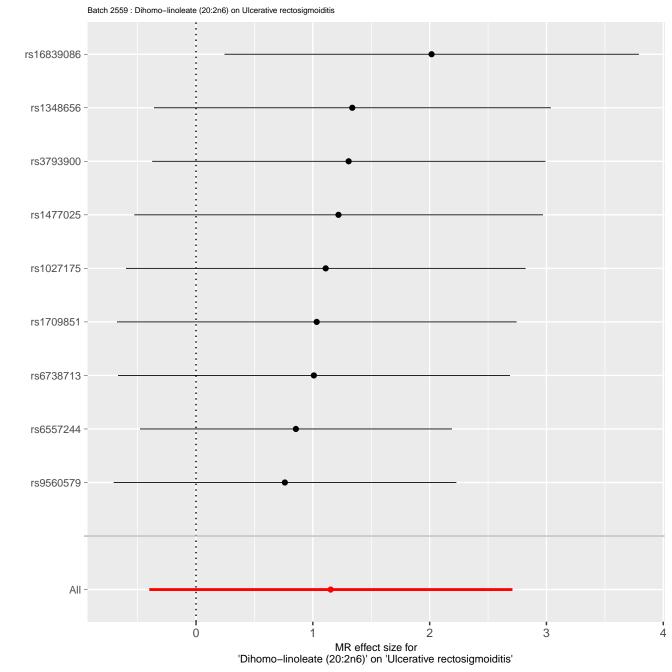






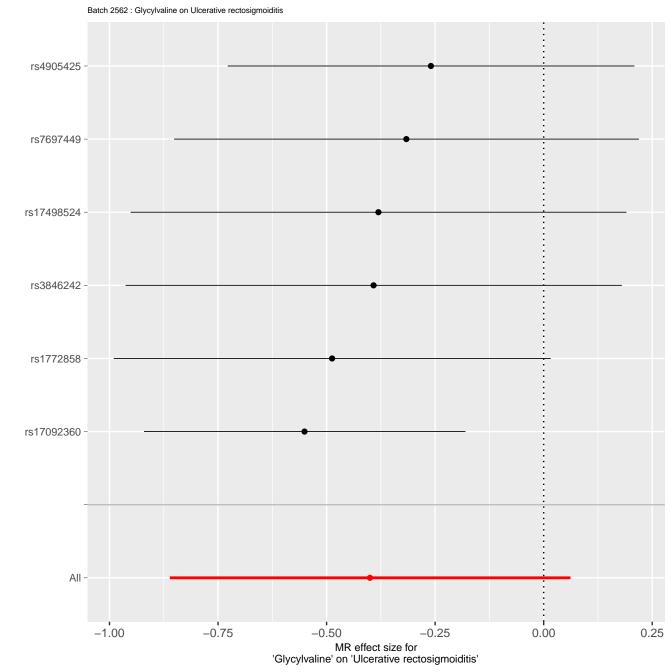
MR effect size for 'Glycerophosphorylcholine (GPC)' on 'Ulcerative rectosigmoiditis'

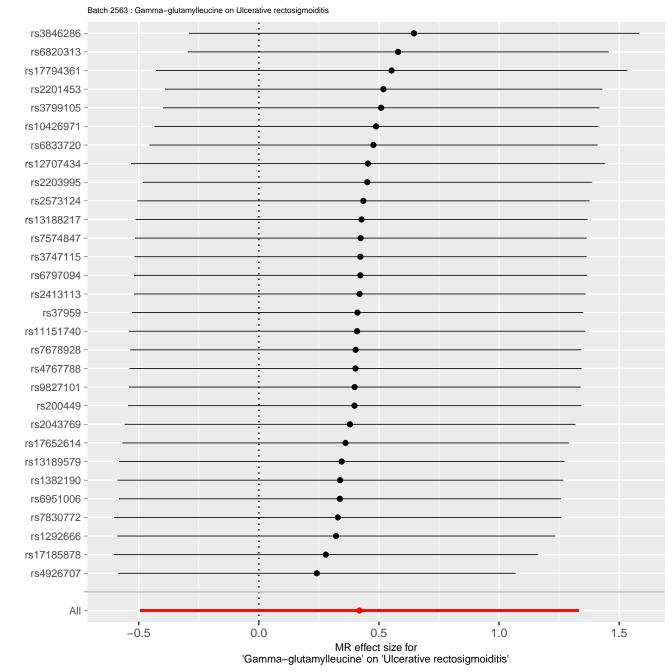


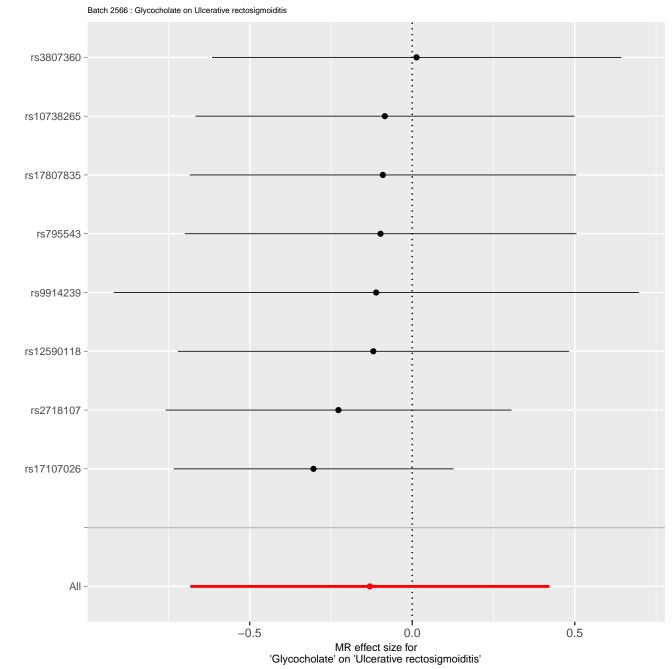


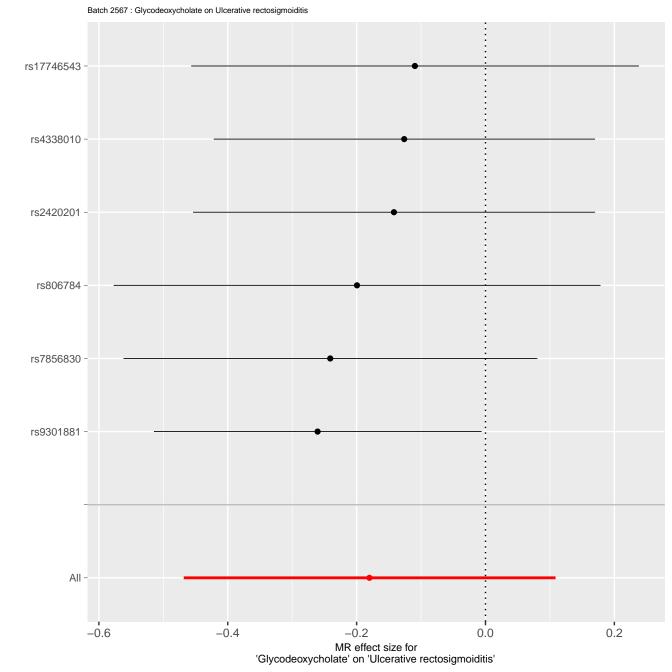
Batch 2560 : 2-hydroxystearate on Ulcerative rectosigmoiditis rs11150606 rs9715724 rs3822742 rs629487 rs7283743 rs2589314 rs2272588 rs9302365 rs6564154 rs6033014 rs697635 rs12975371 rs12639715 rs13238296 rs913416 rs2555231 rs757202 rs7322113 rs12208243 rs16909189 rs2745001 rs6905811 rs1799977 rs6462013 rs10892951 rs3796622 rs2946398 rs7652277 rs10841406 rs10443953 rs11210537 -All -0 2 MR effect size for

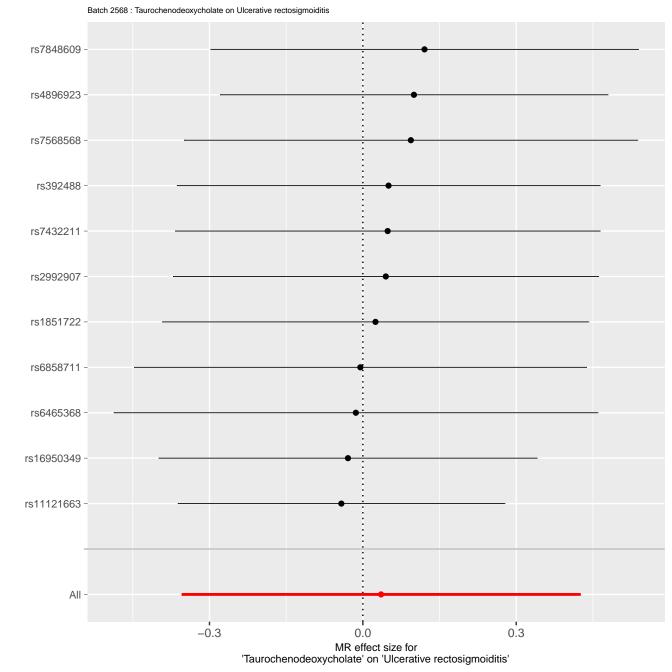
'2–hydroxystearate' on 'Ulcerative rectosigmoiditis'

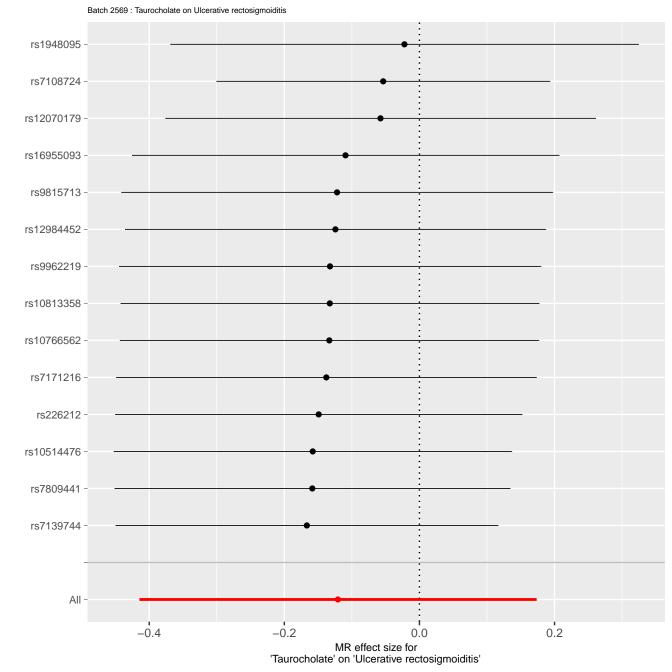


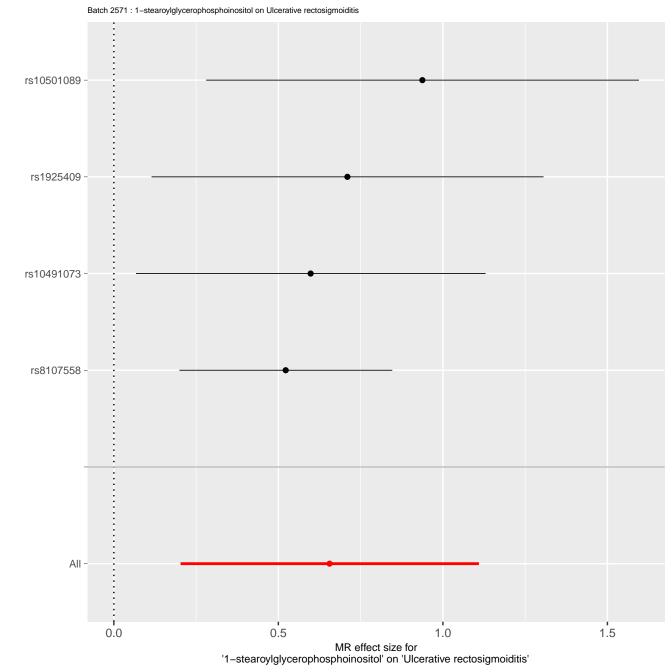


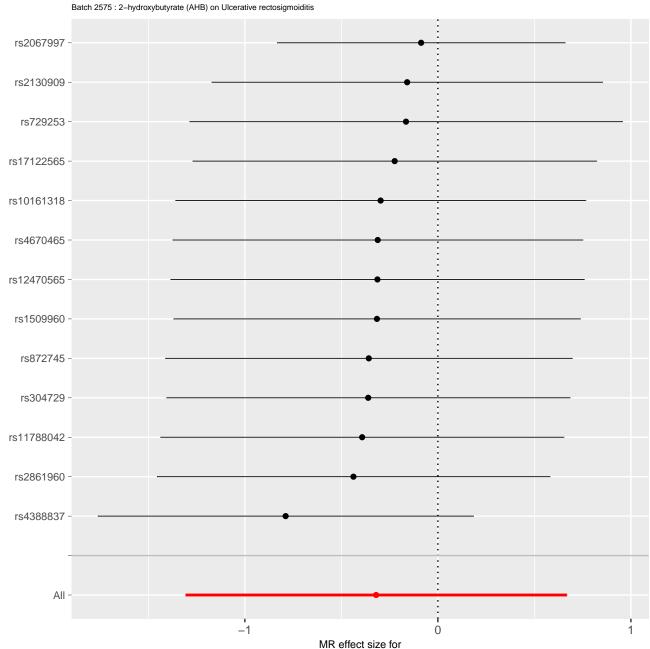




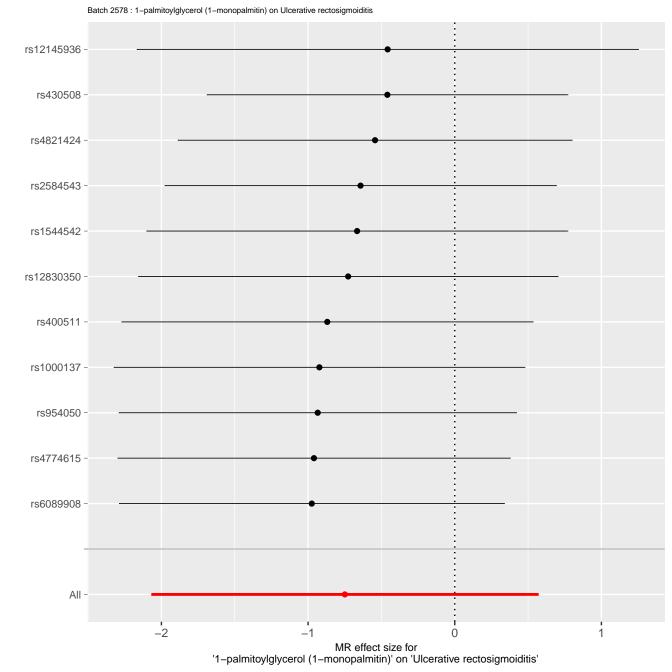


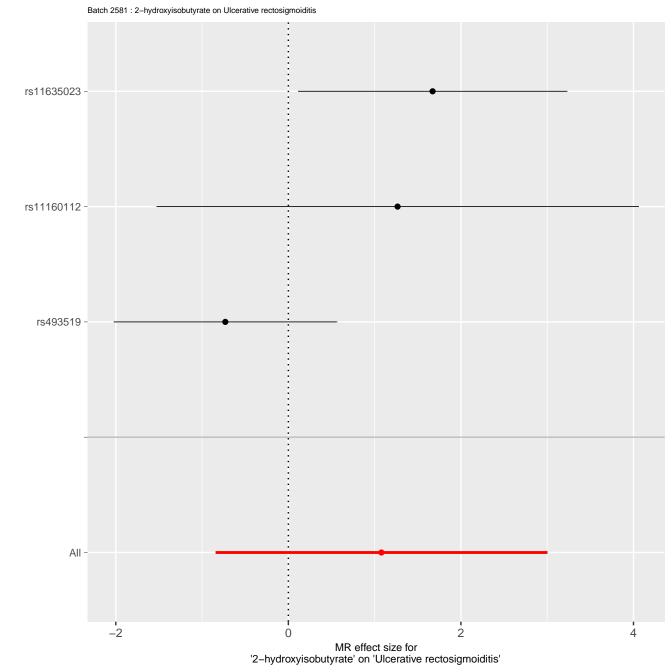






'2–hydroxybutyrate (AHB)' on 'Ulcerative rectosigmoiditis'

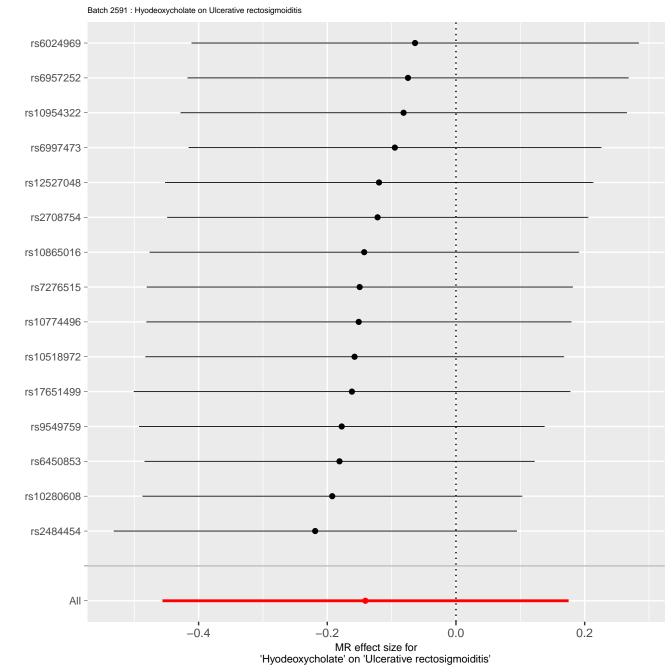


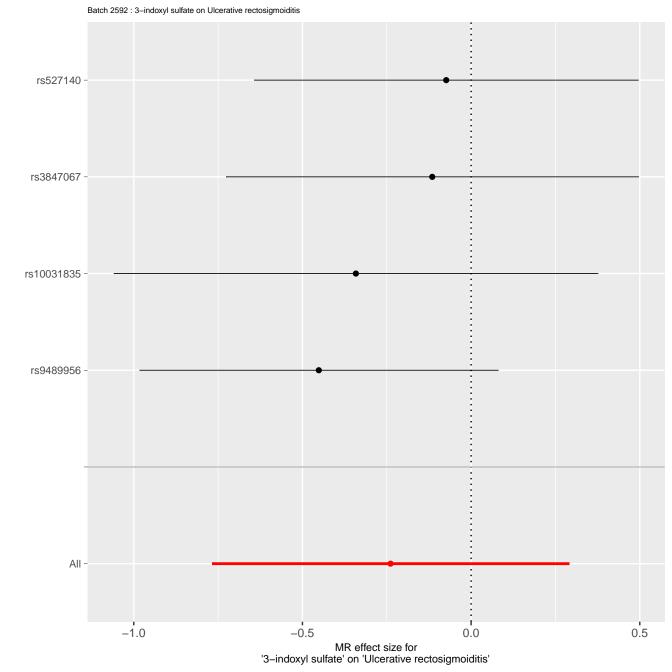


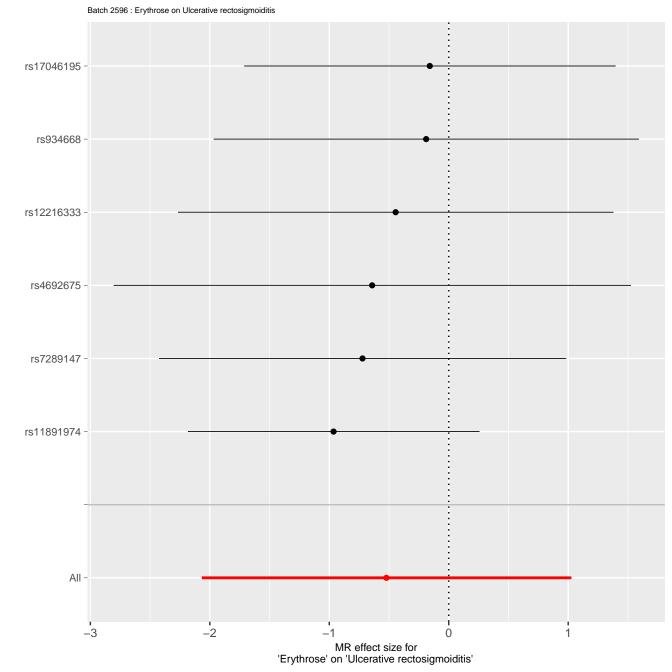
rs17723514 rs310271 rs10999482 rs6595543 rs9510021 rs2689327 rs1523437 rs1868259 rs16823145 -AII --0.3 0.3 -0.6 0.0 MR effect size for

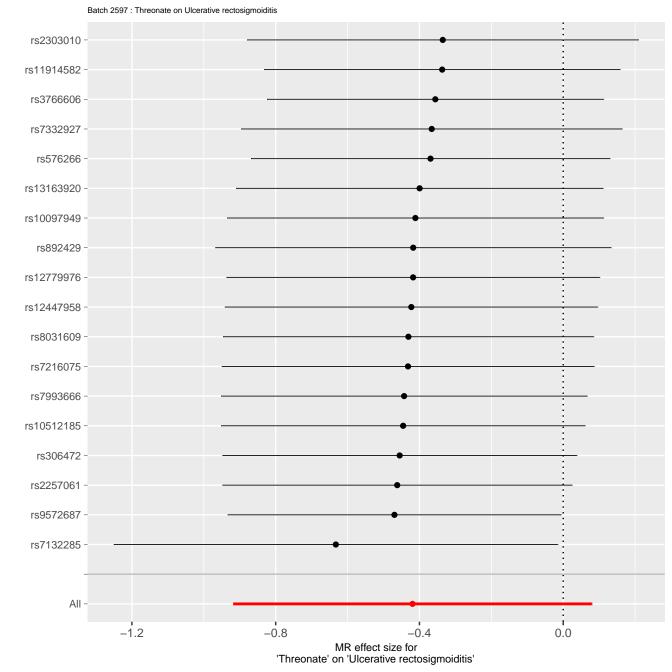
'Cholate' on 'Ulcerative rectosigmoiditis'

Batch 2588: Cholate on Ulcerative rectosigmoiditis



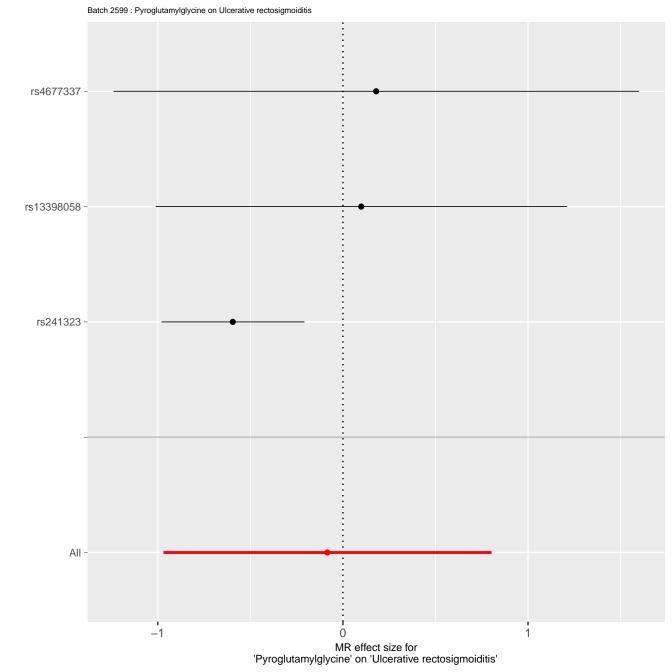


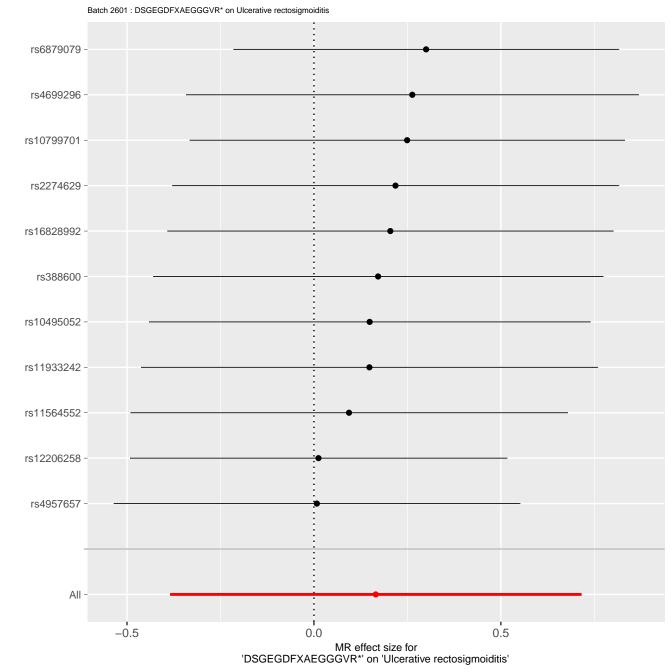


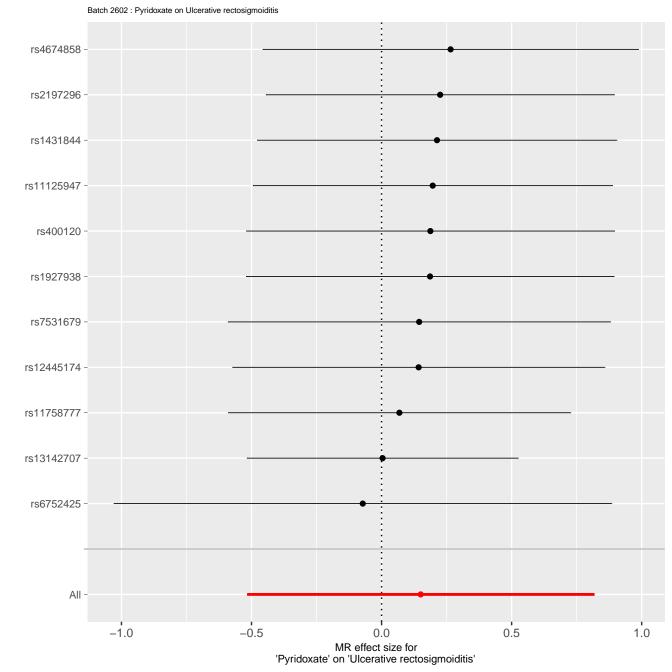


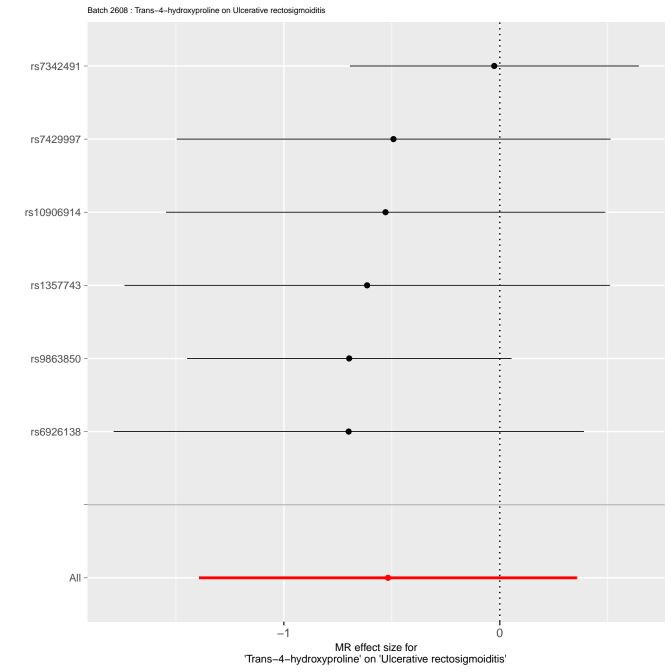
Batch 2598 : Cysteine on Ulcerative rectosigmoiditis rs12052126 rs13378579 rs2314026 rs6920798 rs9607409 rs4602889 rs11713161 rs2710833 rs6003971 rs13378814 rs10976932 rs7932167 rs10926975 rs1470963 rs7127674 rs9572772 rs13293620 -AII -1.0 -0.5 -1.0 -1.5 0.5 0.0

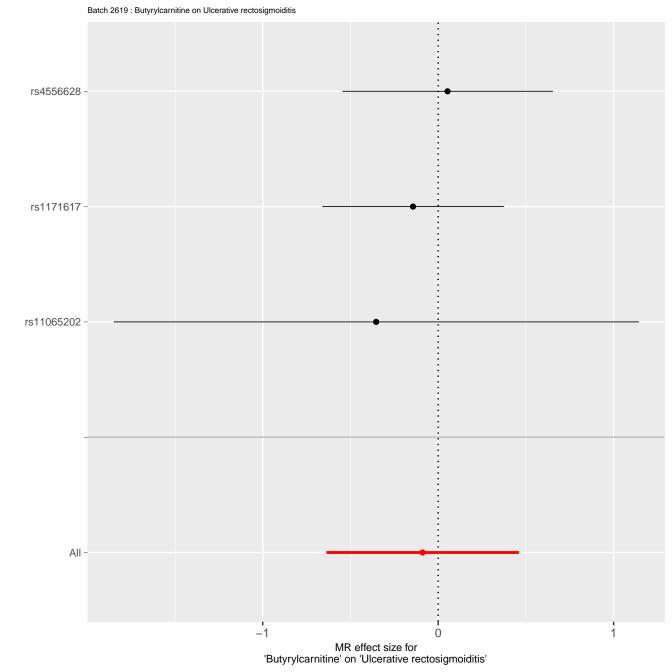
> MR effect size for 'Cysteine' on 'Ulcerative rectosigmoiditis'

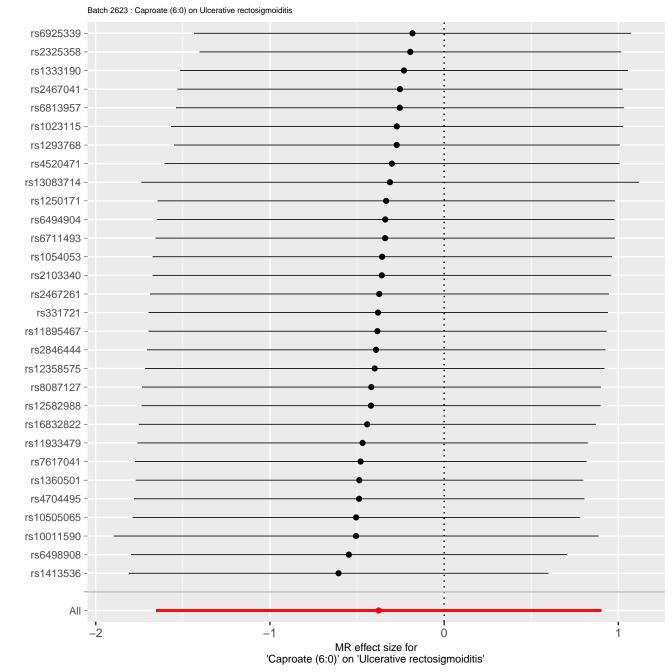






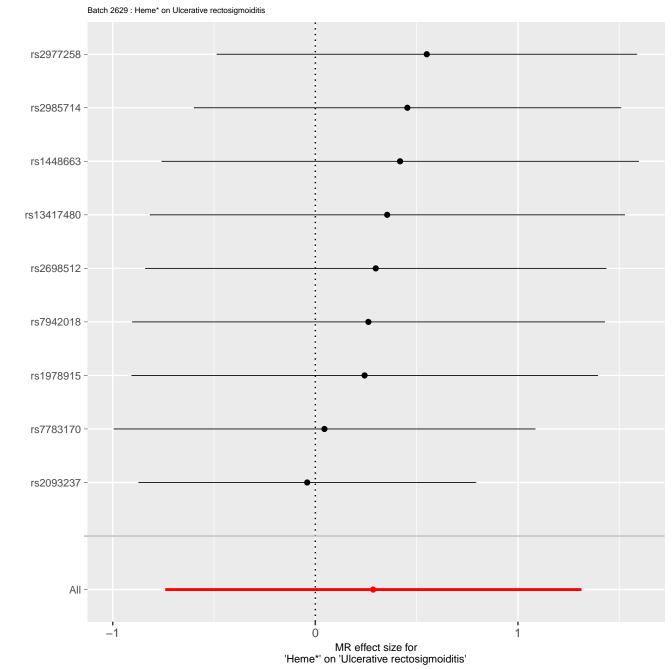


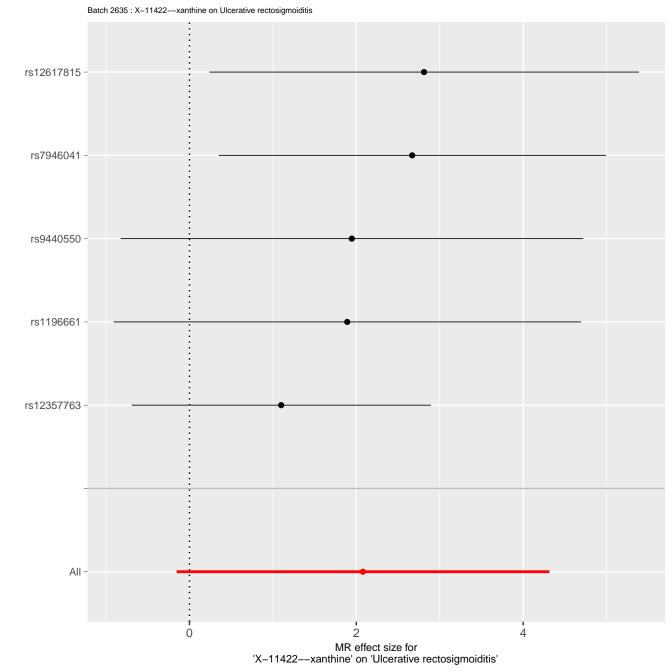


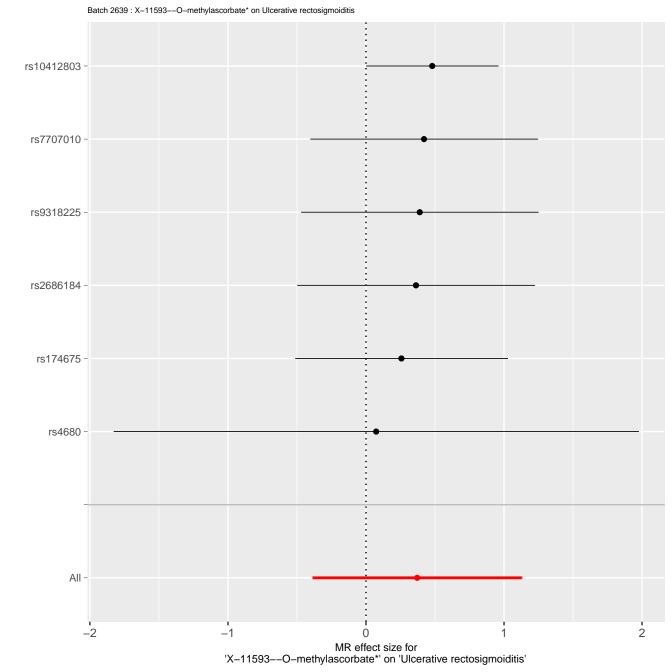


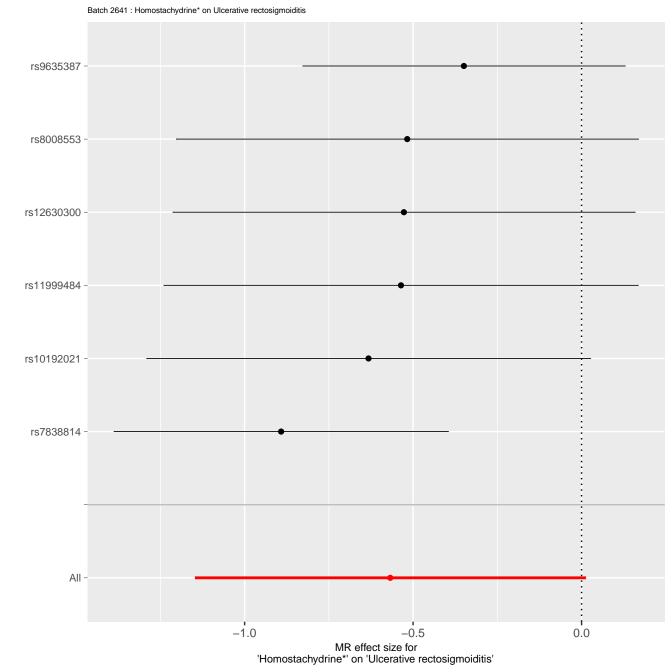
Batch 2627 : Phenol sulfate on Ulcerative rectosigmoiditis rs11133365 rs17628016 rs1452040 rs7118058 rs9682960 rs6916131 rs7047770 rs7714057 rs3010305 -All -0.5 1.0 1.5 -0.5 0.0

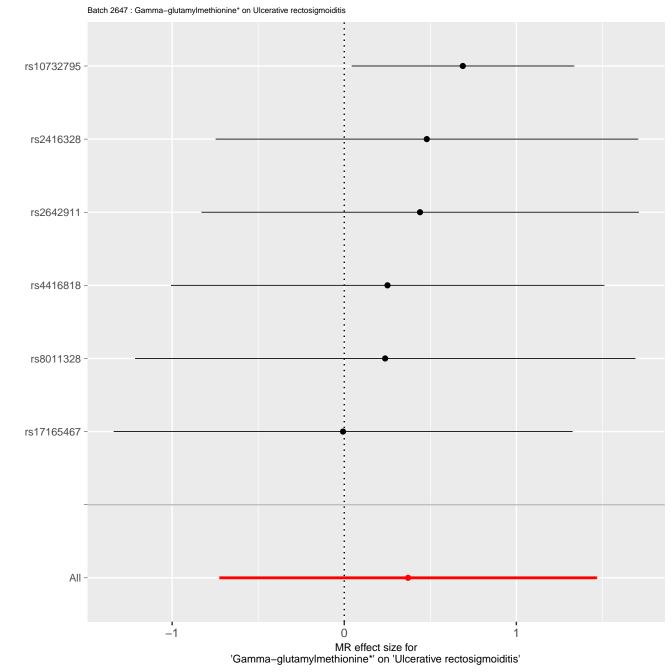
MR effect size for 'Phenol sulfate' on 'Ulcerative rectosigmoiditis'

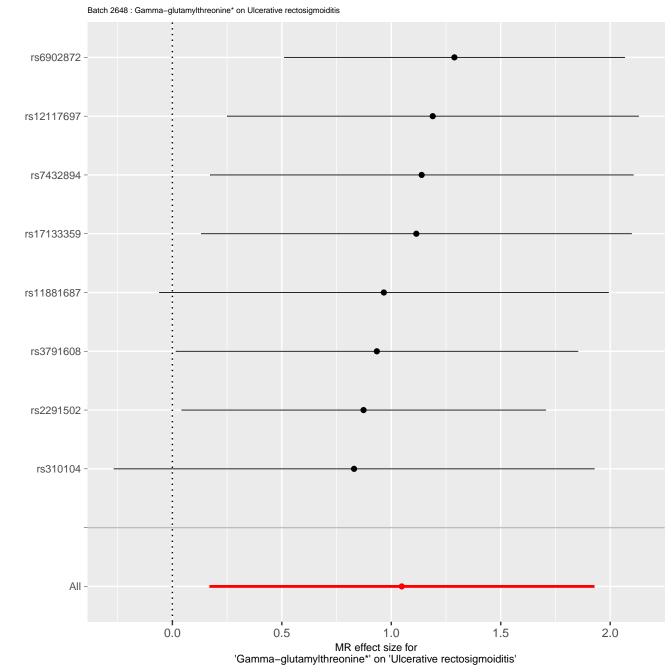


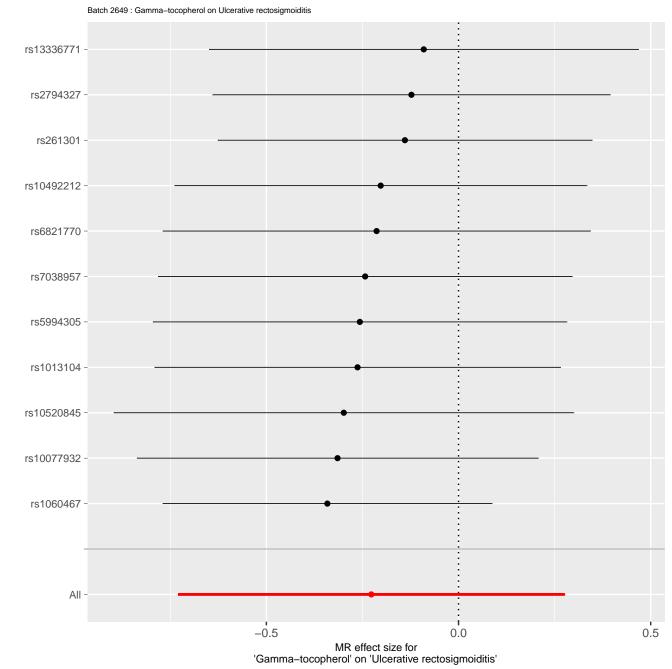


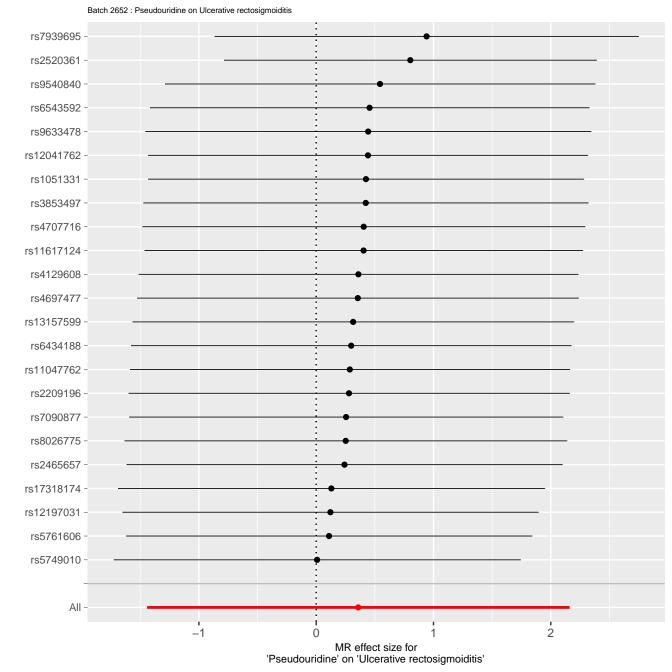


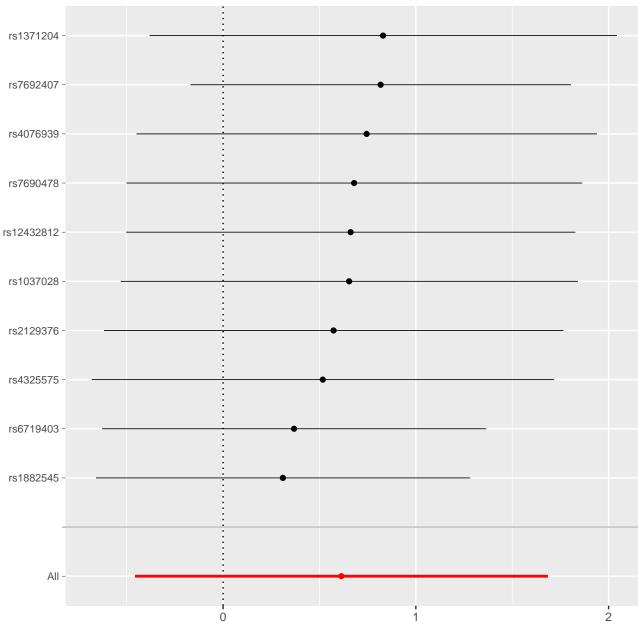






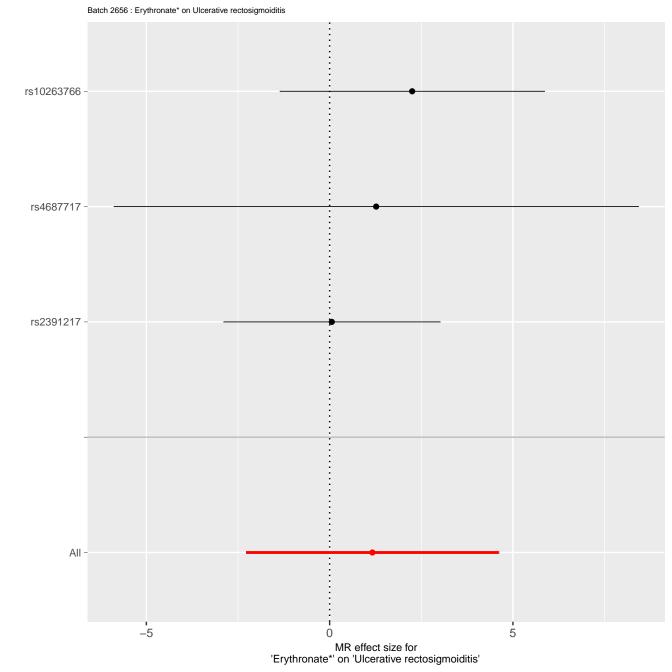


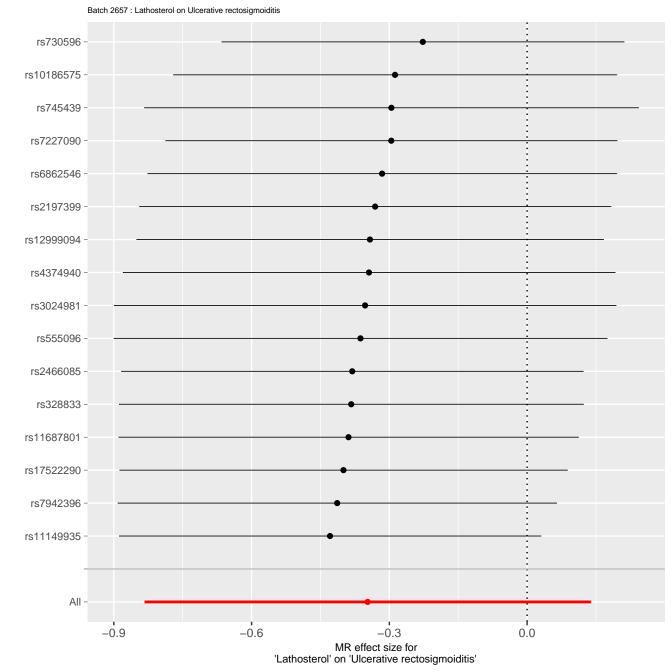


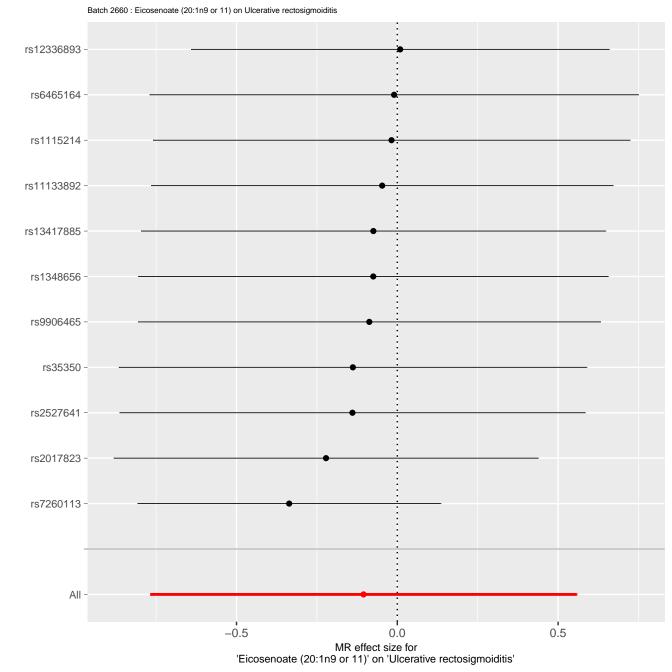


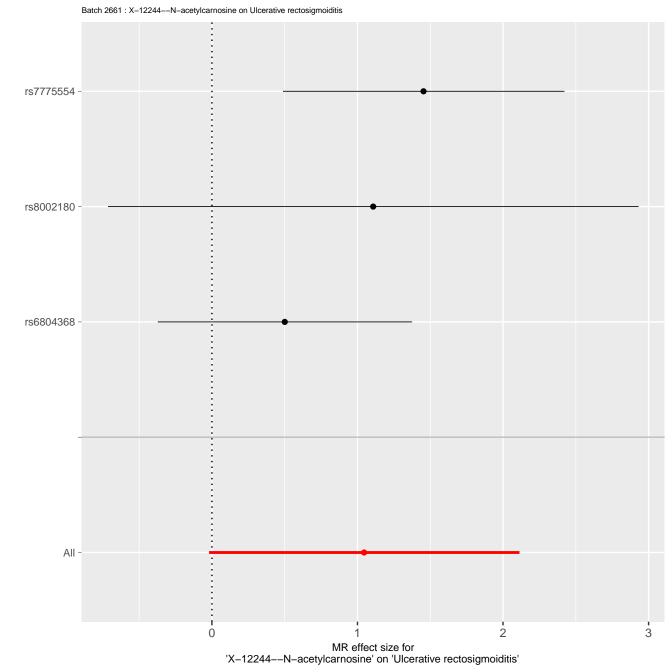
Batch 2653: Valerate on Ulcerative rectosigmoiditis

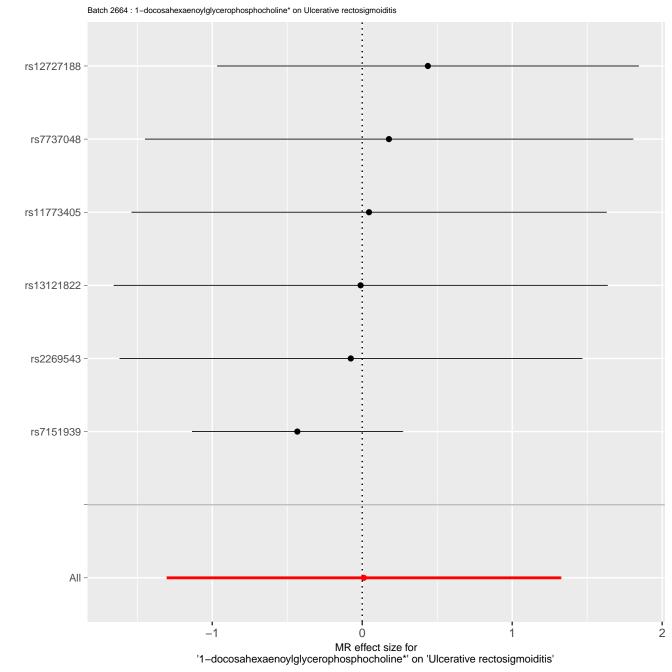
0 1 MR effect size for 'Valerate' on 'Ulcerative rectosigmoiditis'

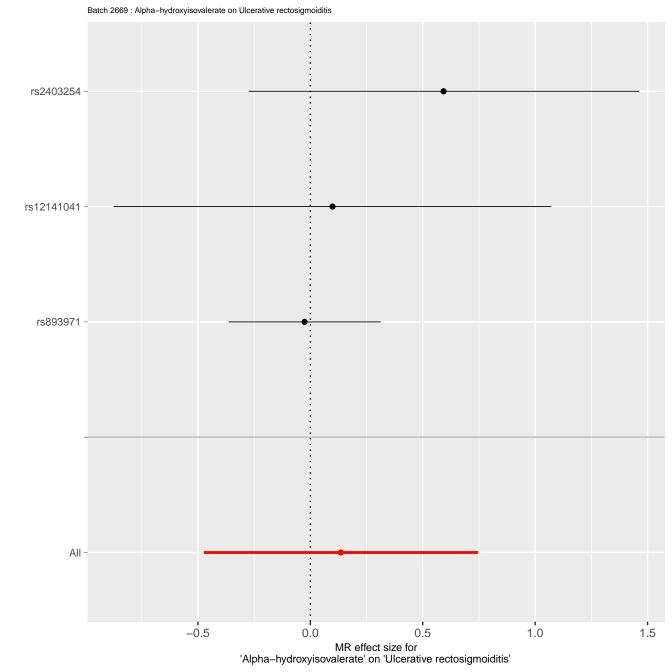


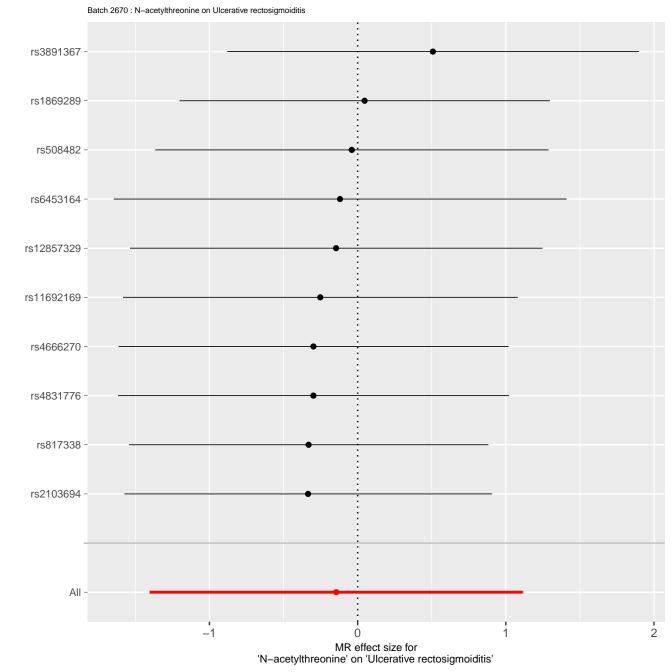


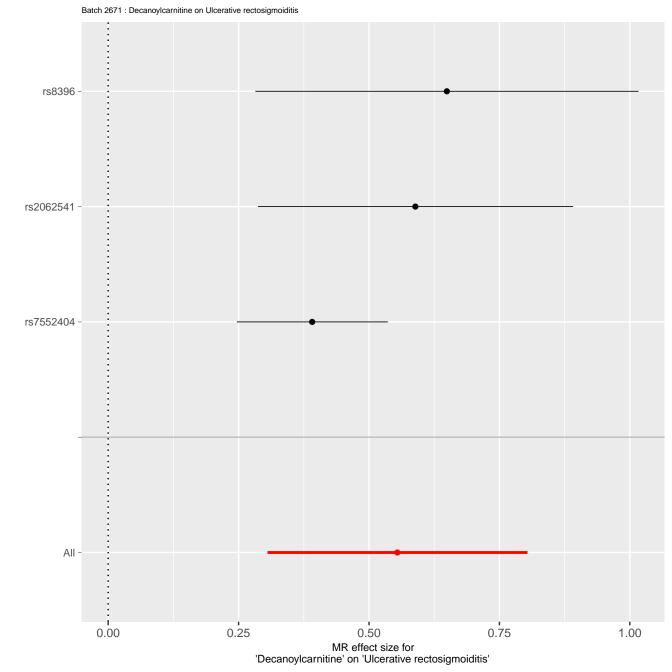


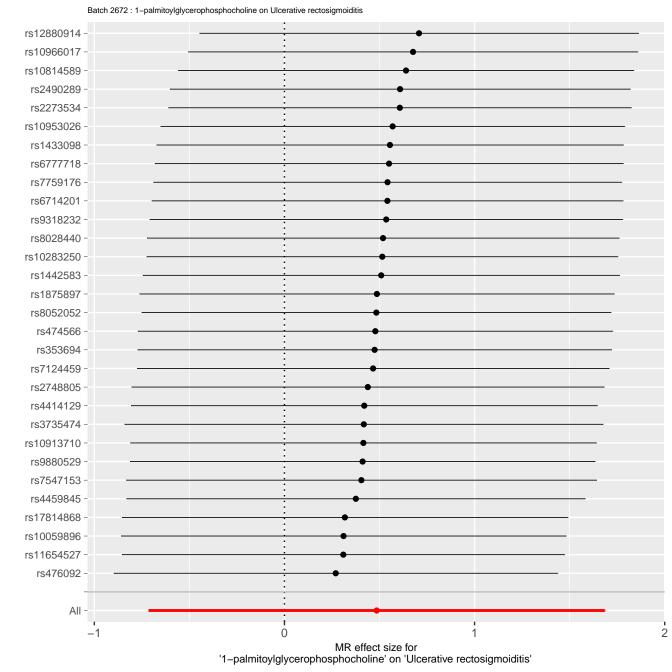


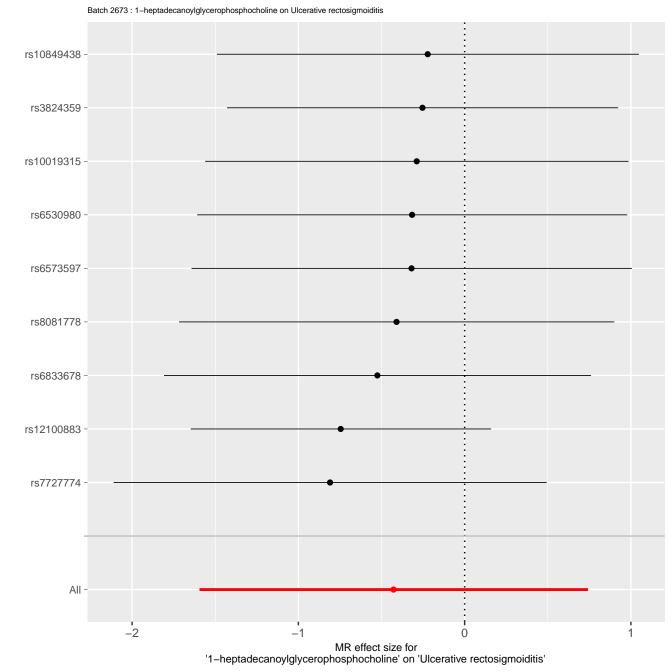


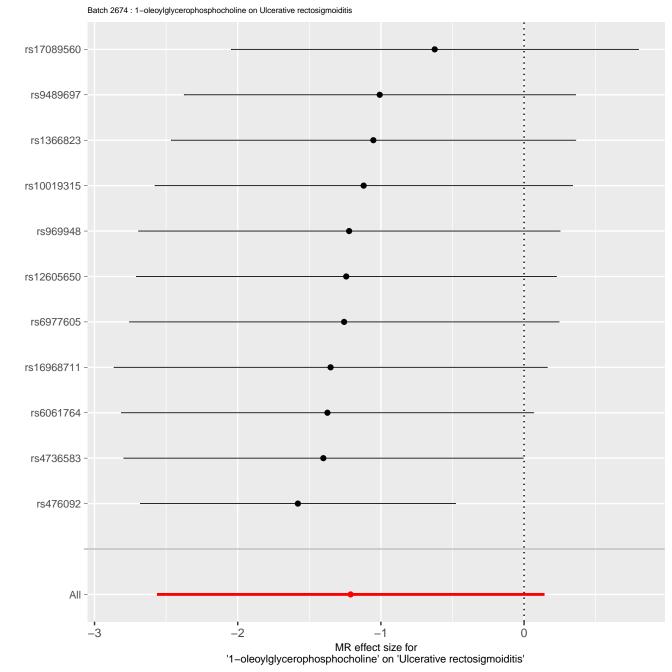


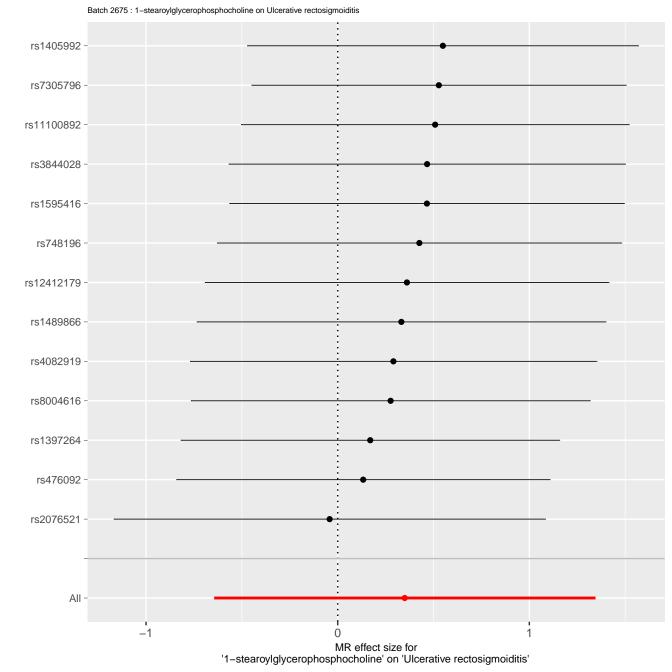


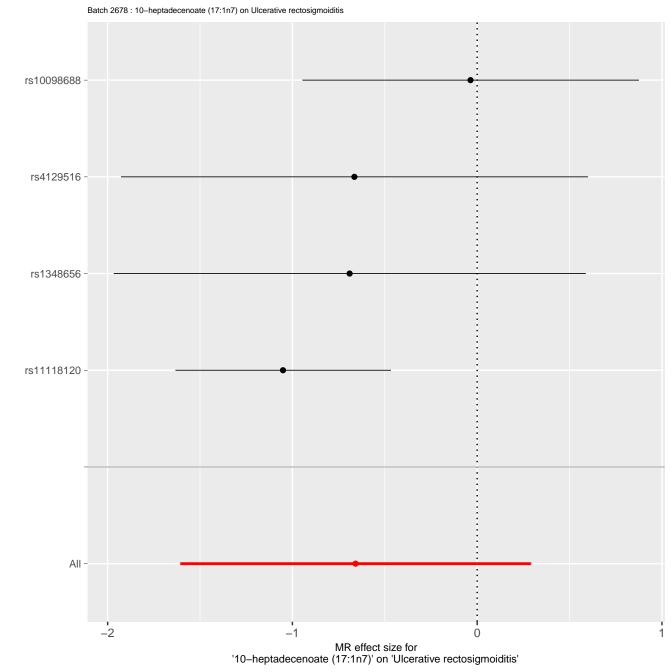


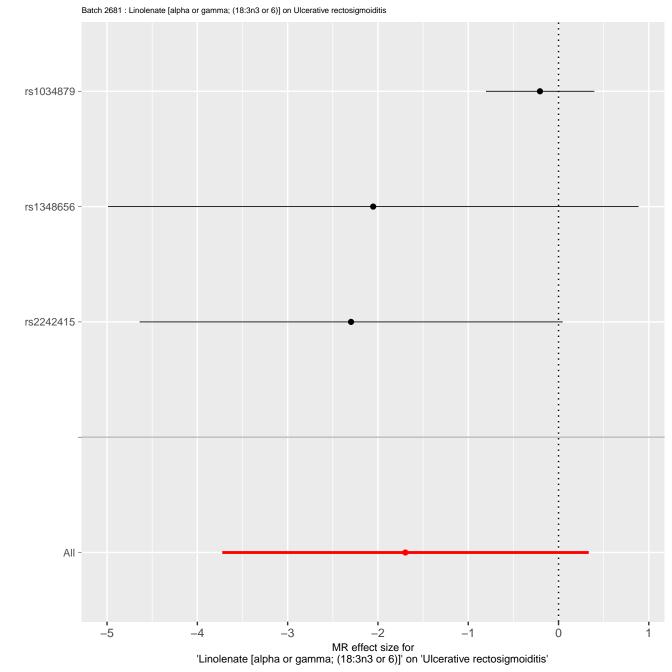


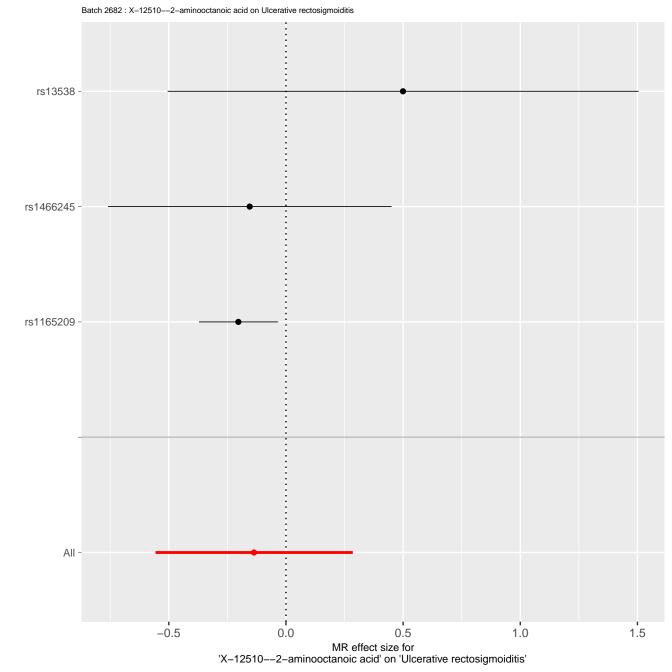


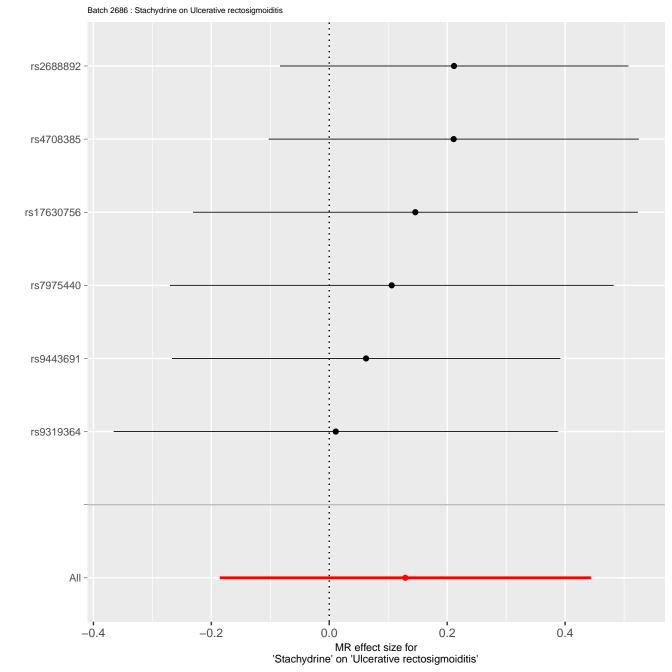


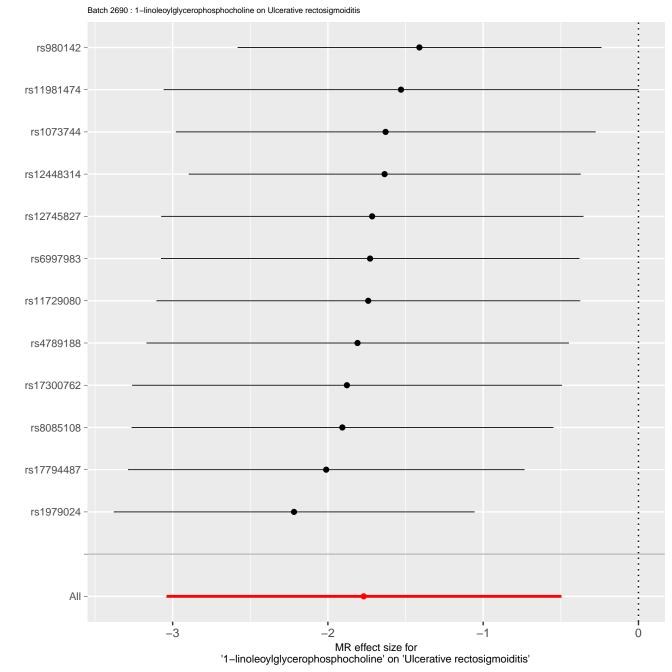


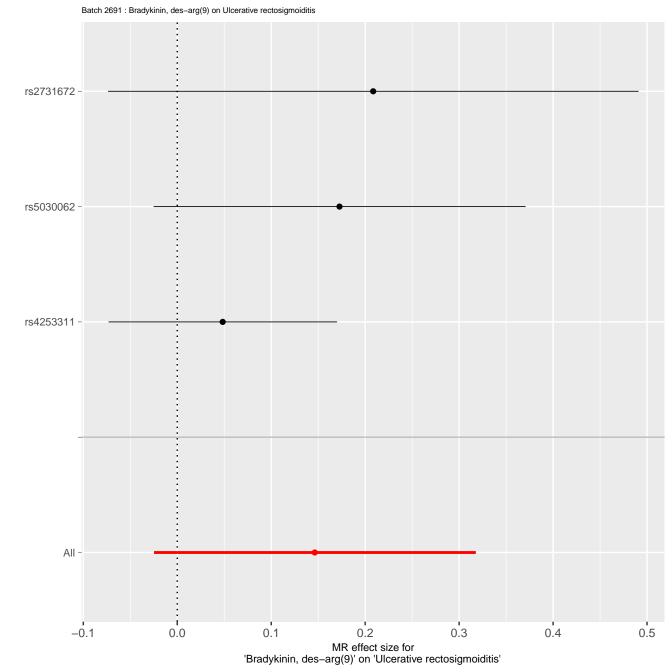


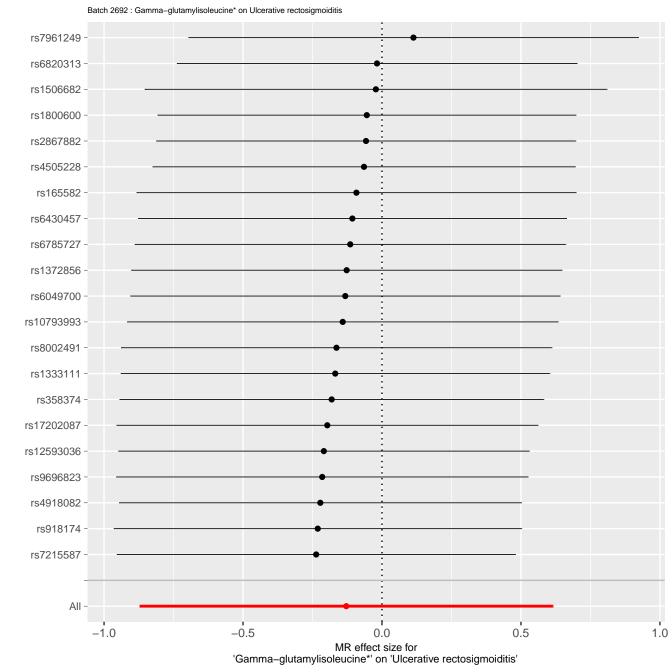


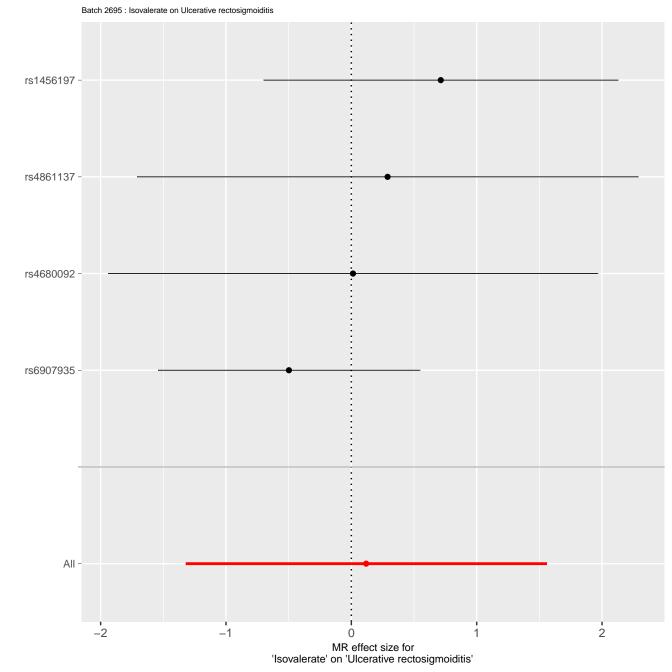


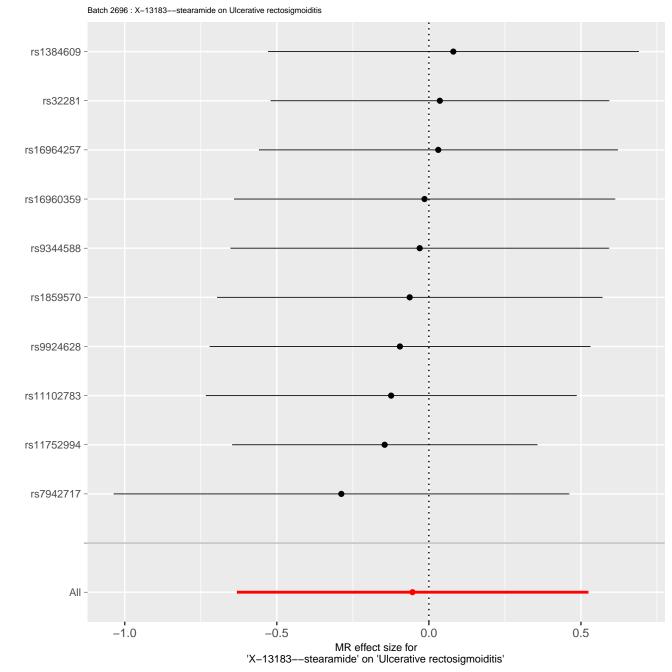


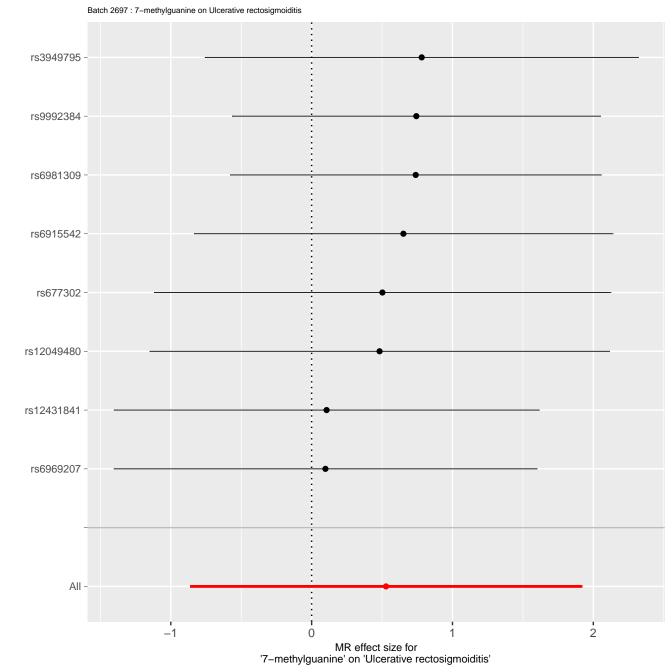


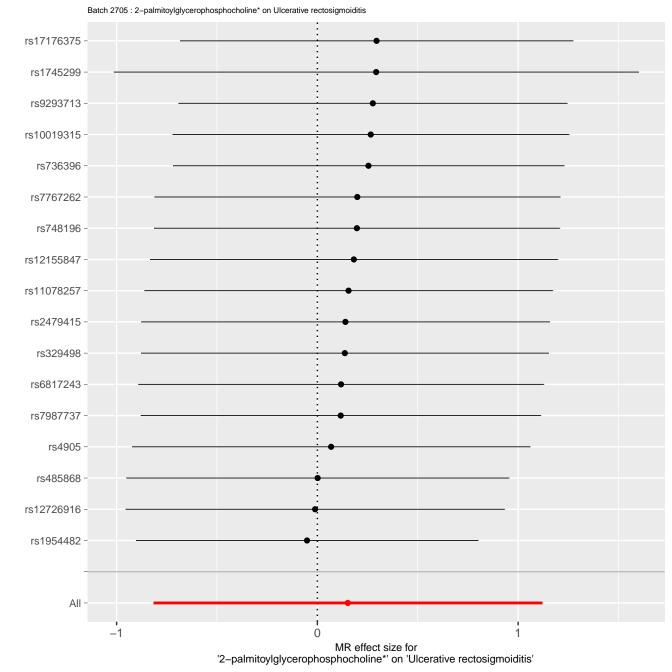


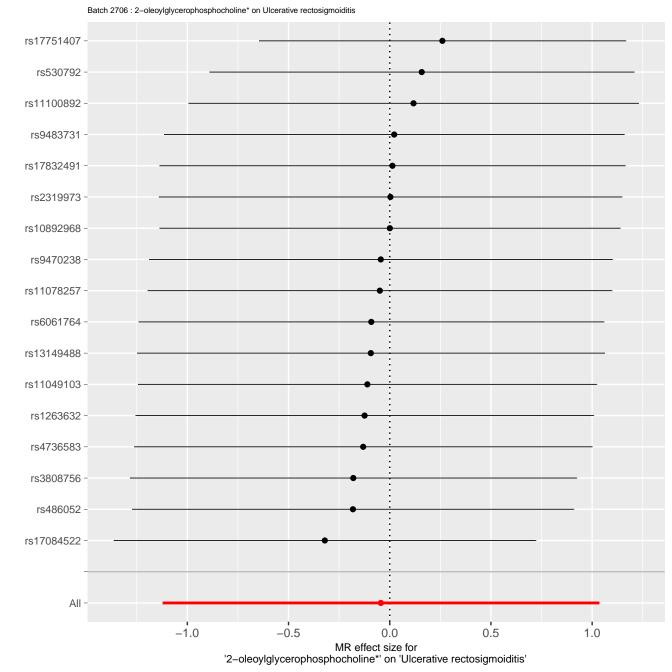


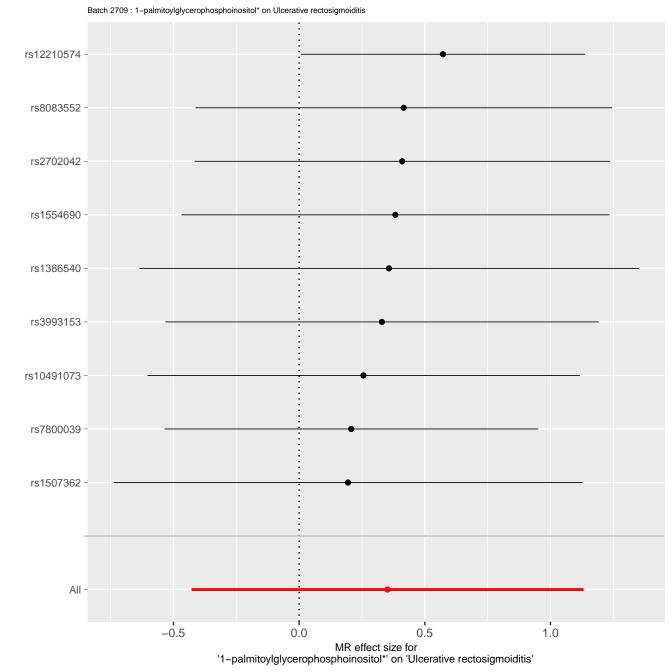


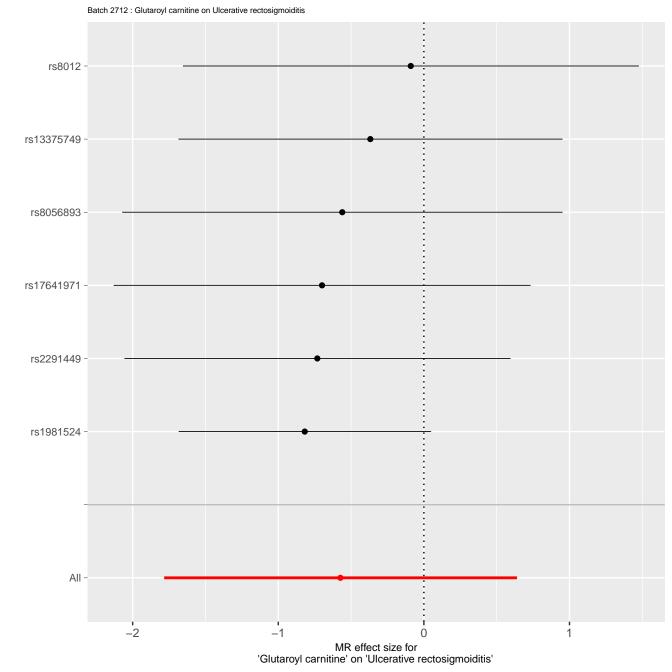


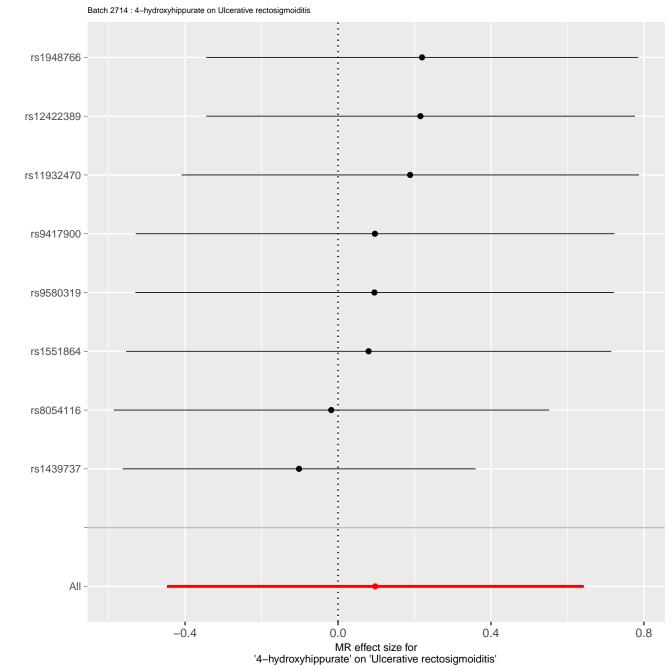


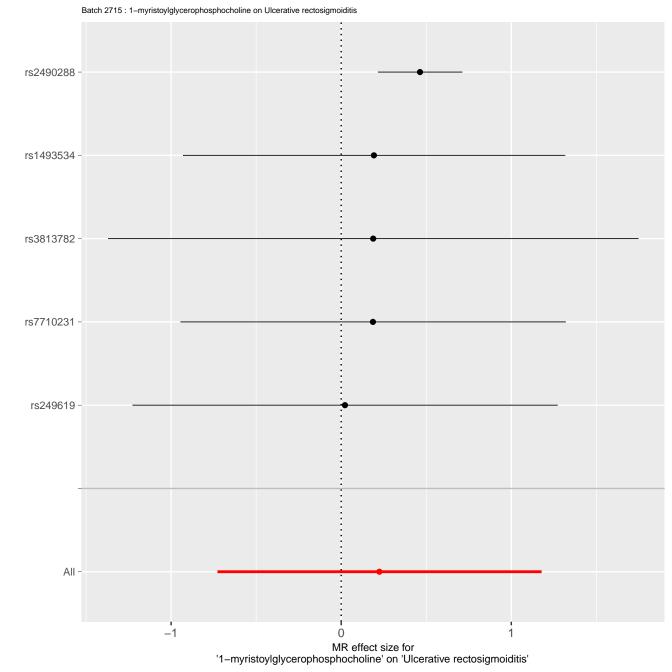


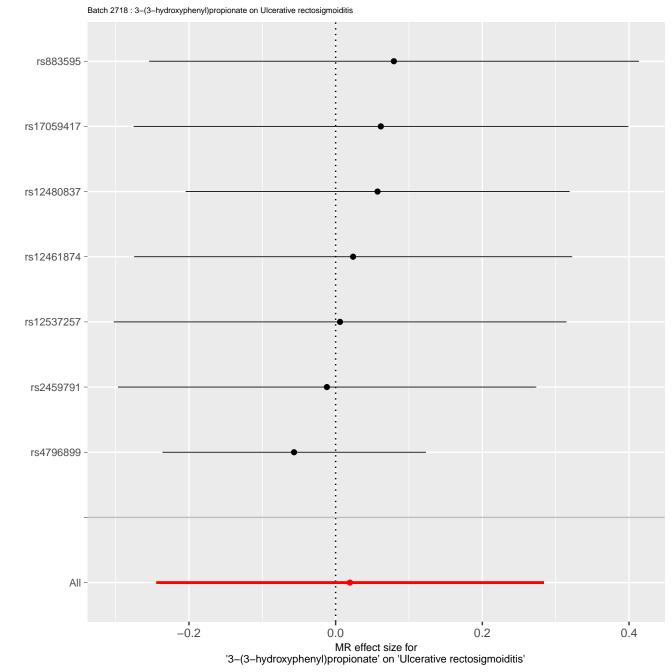






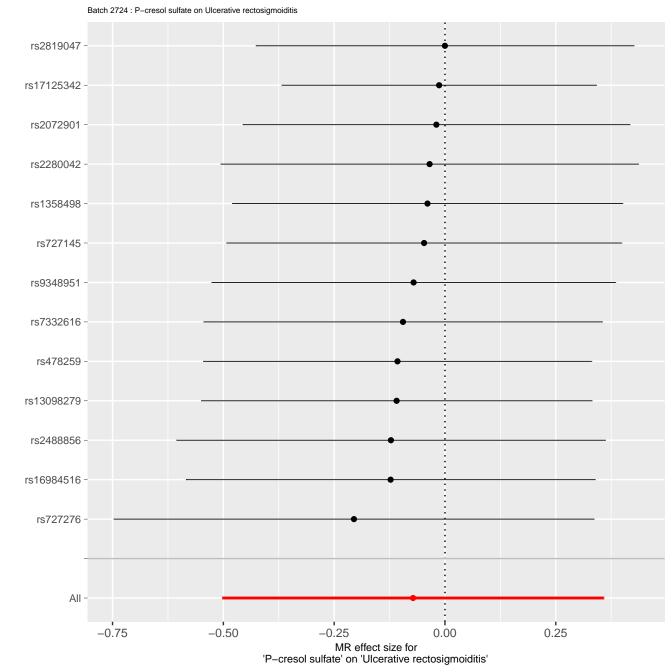


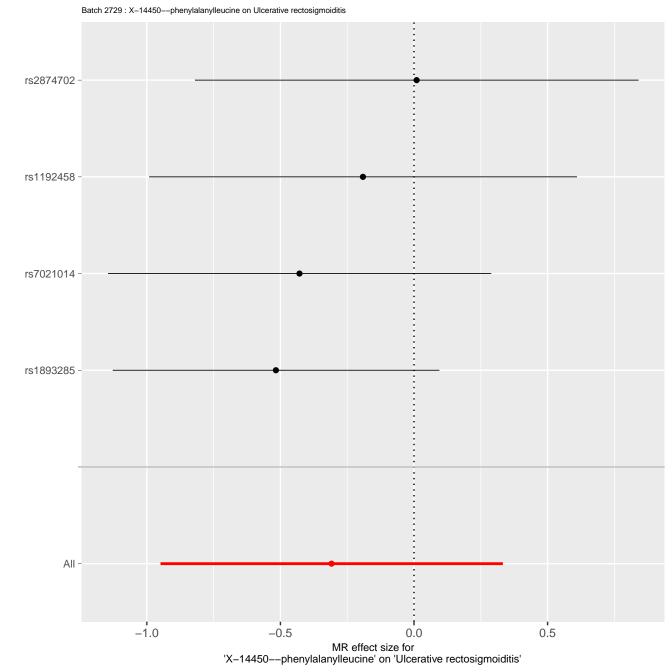


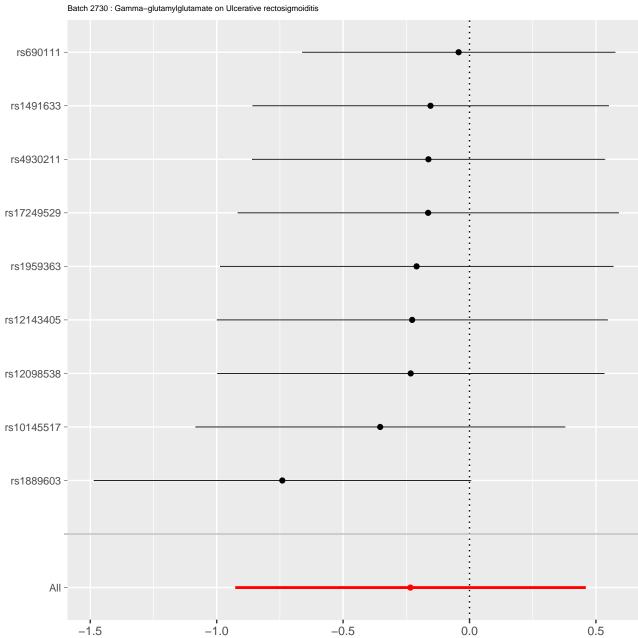


Batch 2723: Threitol on Ulcerative rectosigmoiditis rs10108610 rs9960323 rs917046 rs6730977 rs1961334 rs4880258 rs12147158 rs7586148 rs4669658 rs7863959 rs12451101 -All --0.5 -1.0 -1.5 0.5 0.0 1.0

MR effect size for 'Threitol' on 'Ulcerative rectosigmoiditis'







MR effect size for 'Gamma–glutamylglutamate' on 'Ulcerative rectosigmoiditis'

