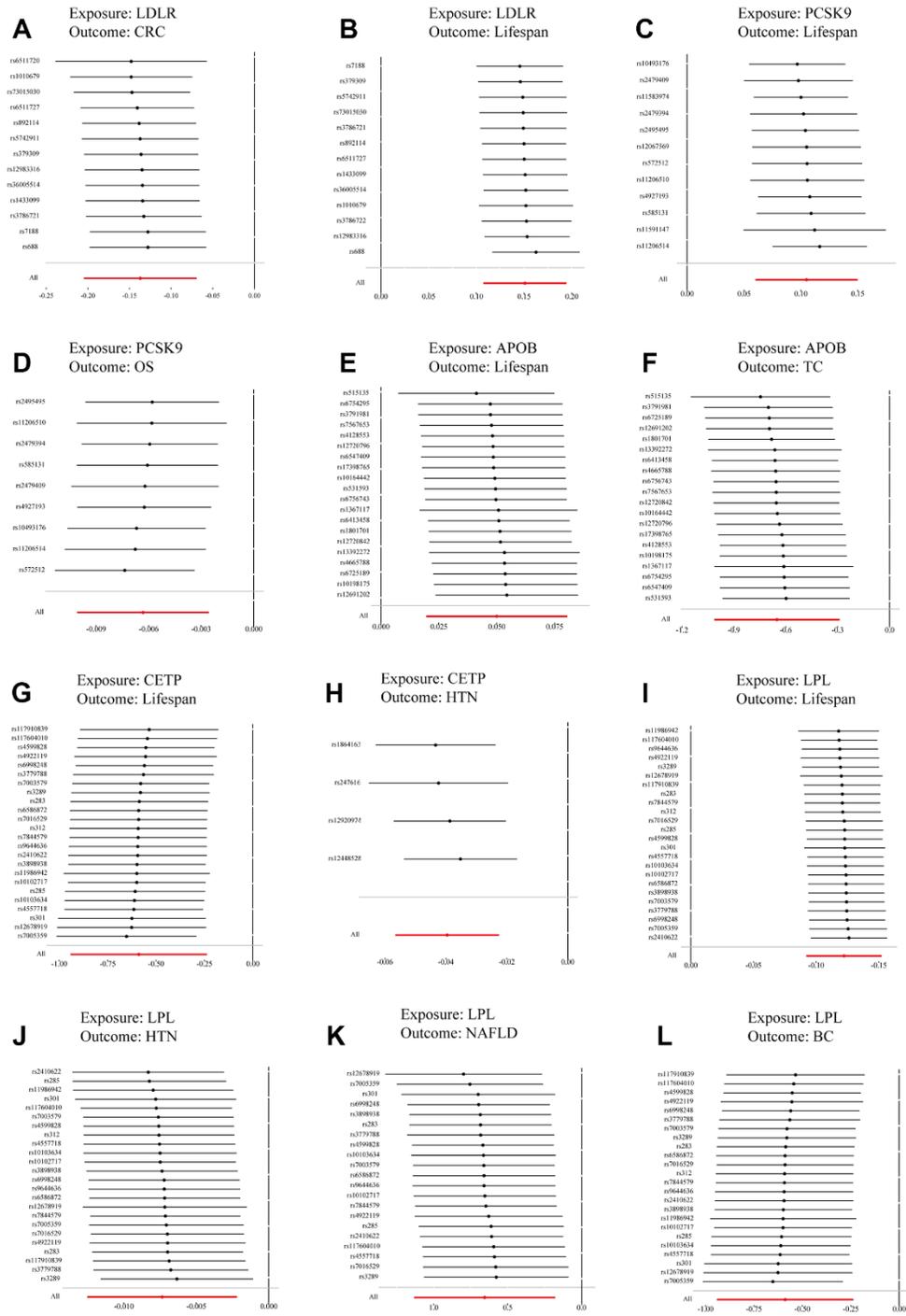


SUPPLEMENTARY FIGURE



Supplementary Figure 1. Leave-one-out plots for the causal effects of representative lipid-lowering drug target genes (Exposure) that had a causal relationship with the different diseases (outcomes). (A) Causal effects of LDLR on CRC; **(B)** Causal effects of LDLR on lifespan; **(C)** Causal effects of PCSK9 on lifespan; **(D)** Causal effects of PCSK9 on OS; **(E)** Causal effects of APOB on lifespan; **(F)** Causal effects of APOB on TC; **(G)** Causal effects of CETP on lifespan; **(H)** Causal effects of CETP on HTN; **(I)** Causal effects of LPL on lifespan; **(J)** Causal effects of LPL on HTN; **(K)** Causal effects of LPL on NAFLD; **(L)** Causal effects of LPL on BC.