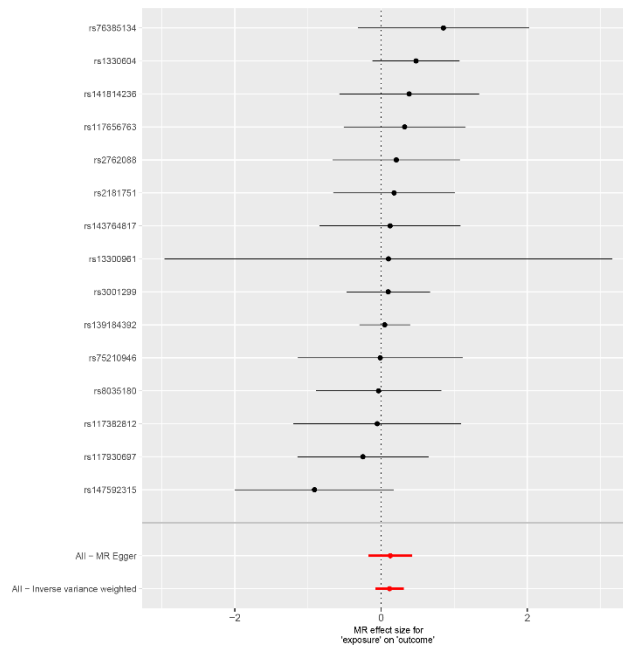
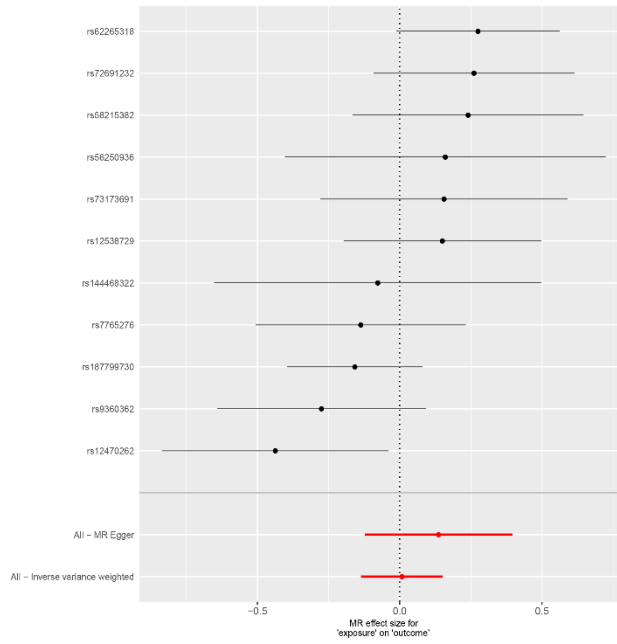


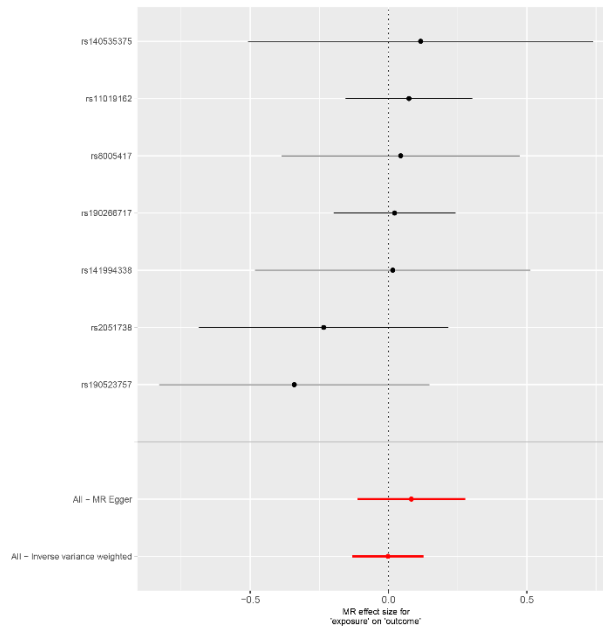
Supplementary Figure S1. The forest plot for the association of anti-HSV-1 IgG levels on idiopathic pulmonary fibrosis in the forward MR analysis



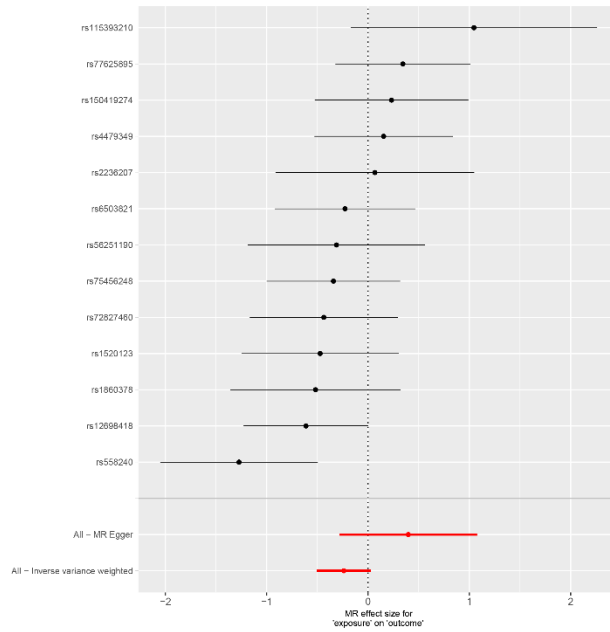
Supplementary Figure S2. The forest plot for the association of HSV-1 IgG1 antibody levels on idiopathic pulmonary fibrosis in the forward MR analysis



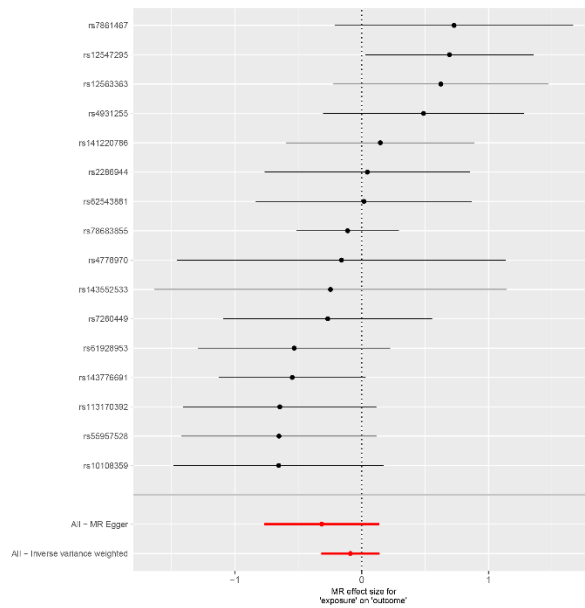
Supplementary Figure S3. The forest plot for the association of HSV-2 IgG2 antibody levels on idiopathic pulmonary fibrosis in the forward MR analysis



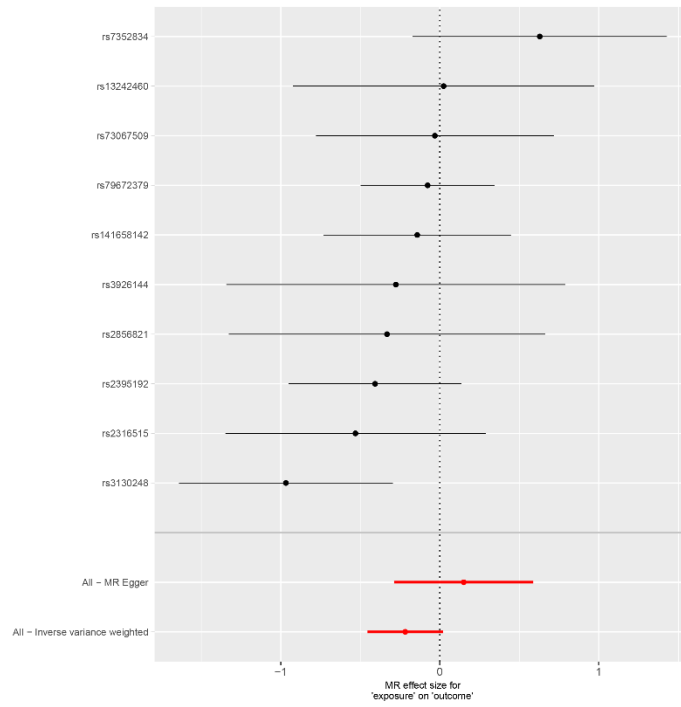
Supplementary Figure S4. The forest plot for the association of Anti-CMV IgG levels on idiopathic pulmonary fibrosis in the forward MR analysis



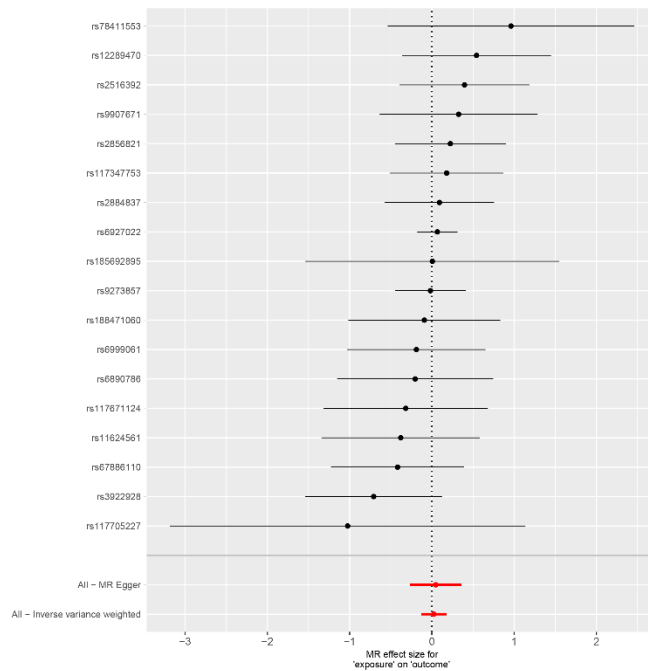
Supplementary Figure S5. The forest plot for the association of CMV pp28 antibody levels on idiopathic pulmonary fibrosis in the forward MR analysis



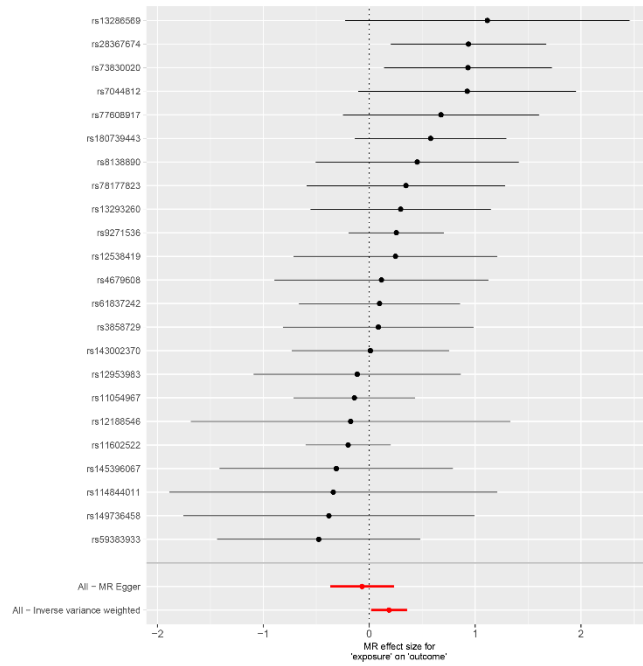
Supplementary Figure S6. The forest plot for the association of CMV pp52 antibody levels on idiopathic pulmonary fibrosis in the forward MR analysis



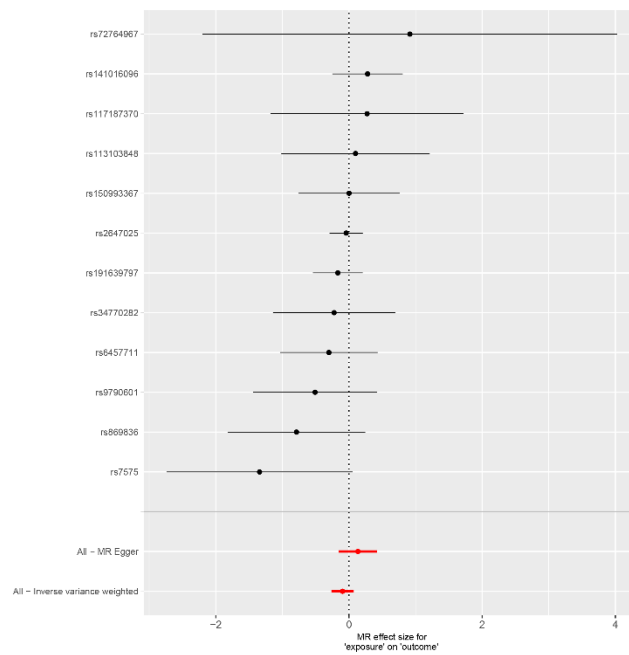
Supplementary Figure S9. The forest plot for the association of EBV EA-D antibody levels on idiopathic pulmonary fibrosis in the forward MR analysis



Supplementary Figure S10. The forest plot for the association of EBV EBNA-1 antibody levels on idiopathic pulmonary fibrosis in the forward MR analysis



Supplementary Figure S11. The forest plot for the association of EBV VCA p18 antibody levels on idiopathic pulmonary fibrosis in the forward MR analysis



Supplementary Figure S12. The forest plot for the association of EBV ZEBRA antibody levels on idiopathic pulmonary fibrosis in the forward MR analysis