

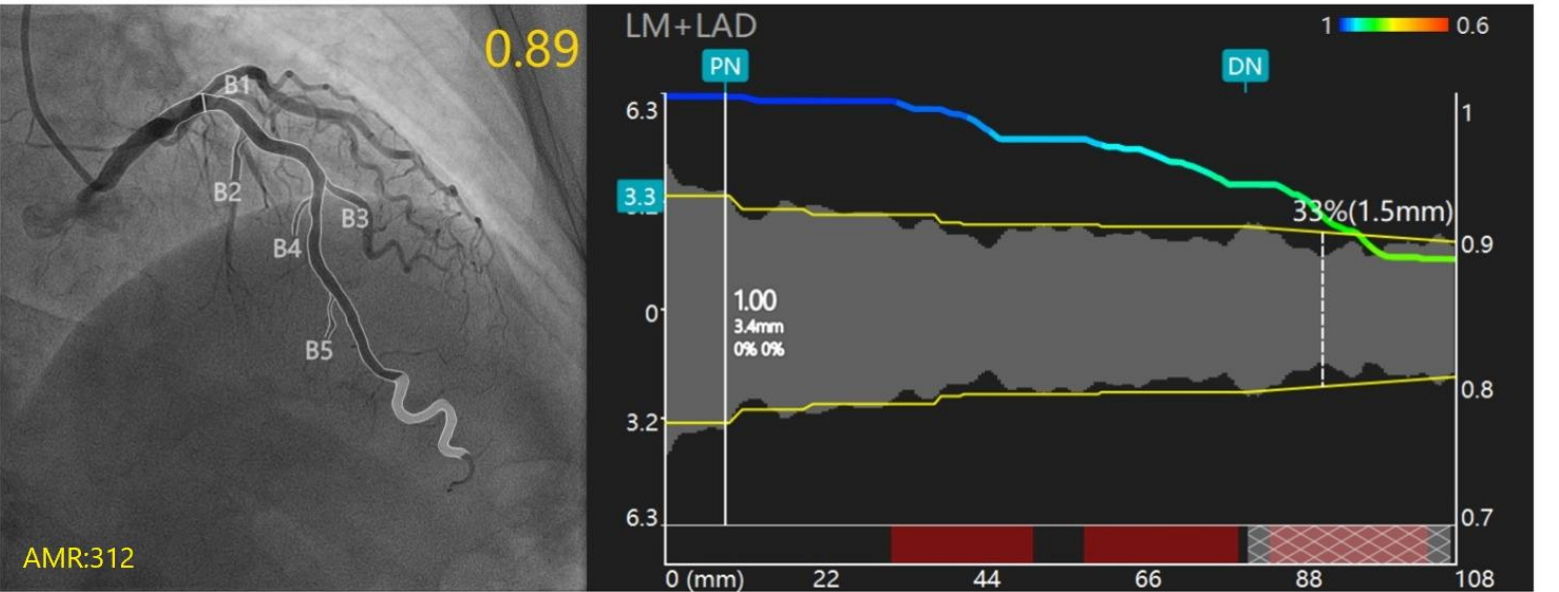


Figure 1 AMR acquisition

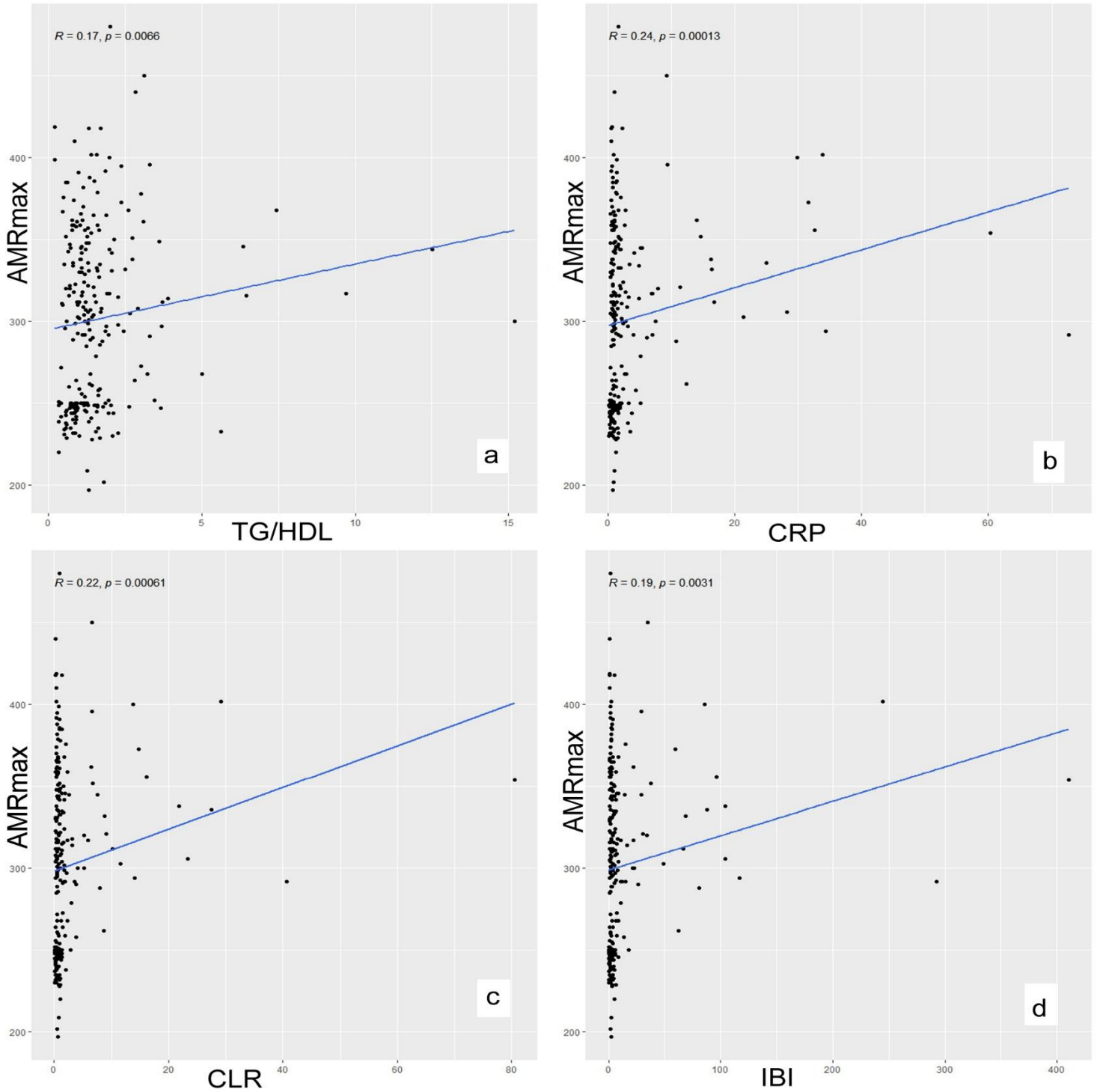


Figure 2 Correlation analysis between the inflammatory parameters and TG/HDL with AMR
(a) The correlation analysis between TG/HDL and AMRmax. **(b)** The correlation analysis between CRP and AMRmax. **(c)** The correlation analysis between CLP and AMRmax. **(d)** The correlation analysis between IBI and AMRmax.

AMRmax maximum value of angiographic microvascular resistance, *CRP* C-reaction protein, *CLR* C-reaction protein to lymphocyte ratio, *IBI* inflammatory burden index, *TG/HDL* triglycerides to high-density lipoprotein cholesterol ratio.

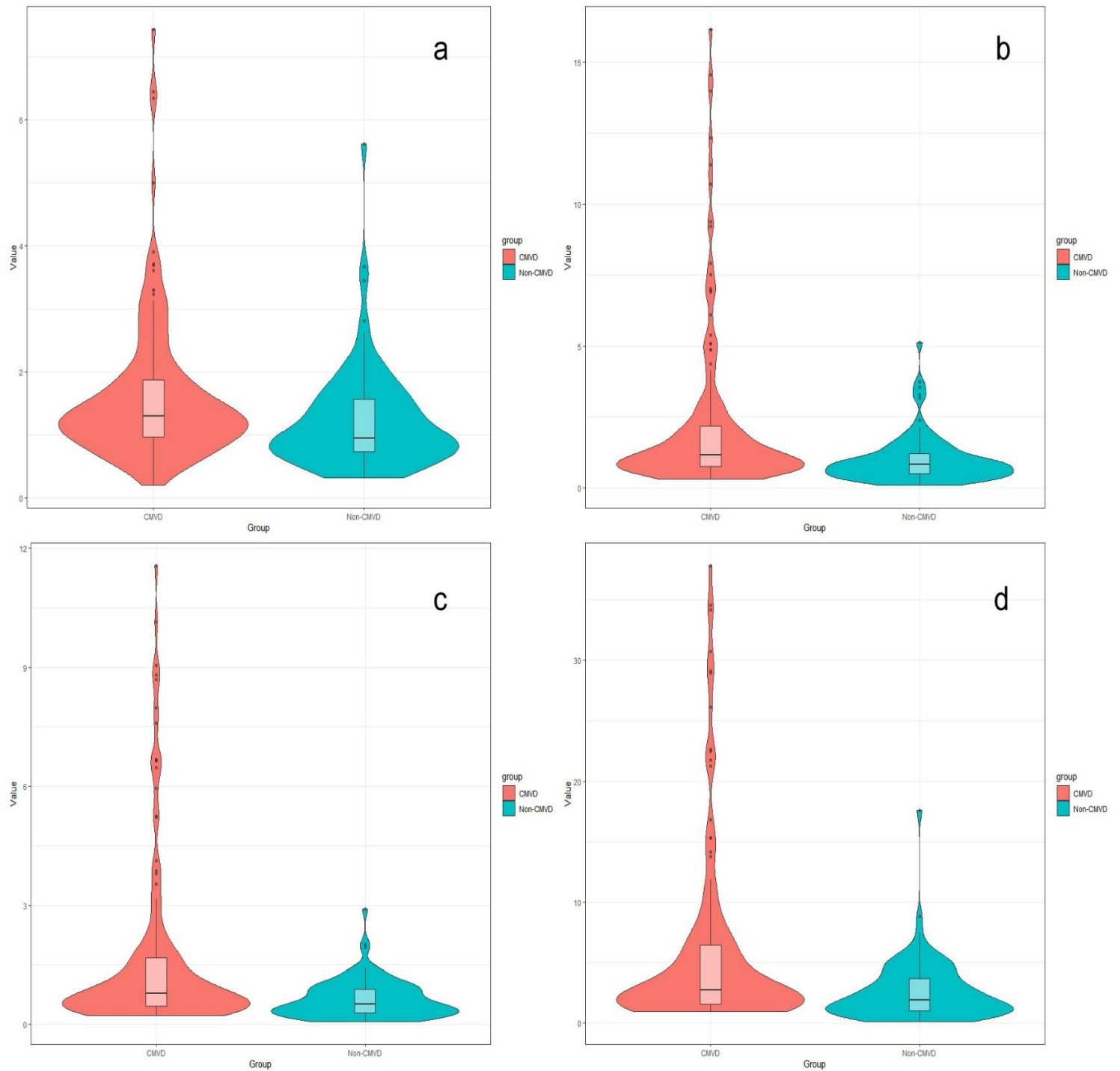


Figure 3 Violin plot analysis comparing the levels and distributions of inflammatory parameters and TG/HDL between CMVD and non-CMVD group. The vertical position of each histogram represents the relative expression level of these indices (Log2Ex).

(a) The differential distribution of TG/HDL. **(b)** The differential distribution of CRP. **(c)** The differential distribution of CLP. **(d)** The differential distribution of IBI.

CRP C-reaction protein, *CLR* C-reaction protein to lymphocyte ratio, *IBI* inflammatory burden index, *TG/HDL* triglycerides to high-density lipoprotein cholesterol ratio, *CMVD* coronary microvascular disease.