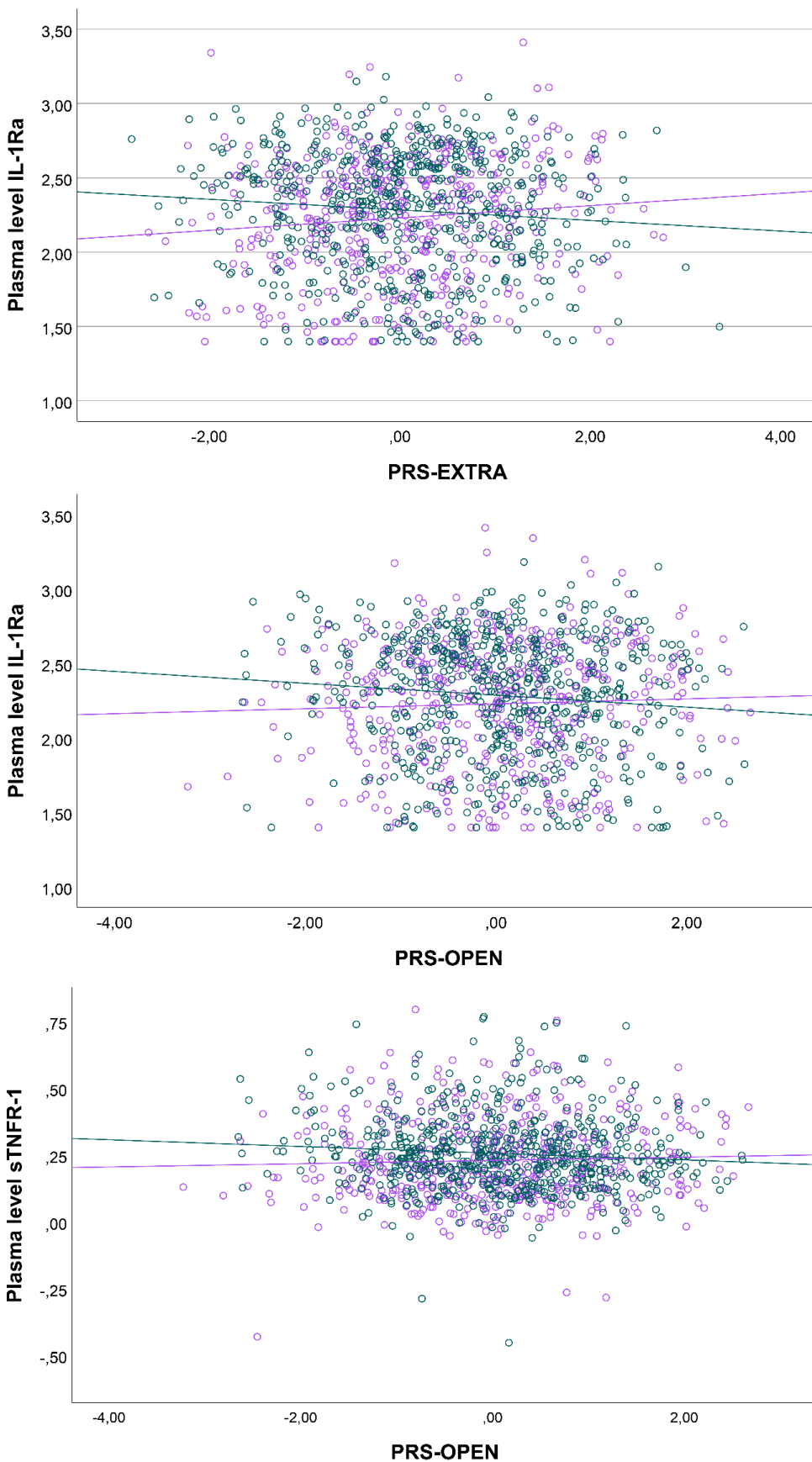**Supplementary figure 1.** Scatterplots of immune markers and polygenic risk scores based on interaction effects between PRS and diagnosis group (HC and SMD)

Abbreviations: EXTRA = extraversion, HC = healthy controls, IL-1Ra = Interleukin-1 Receptor antagonist, OPEN = openness, PRS = polygenic risk score, SMD = severe mental disorders, sTNFR-1 = soluble Tumour Necrosis Factor-1.