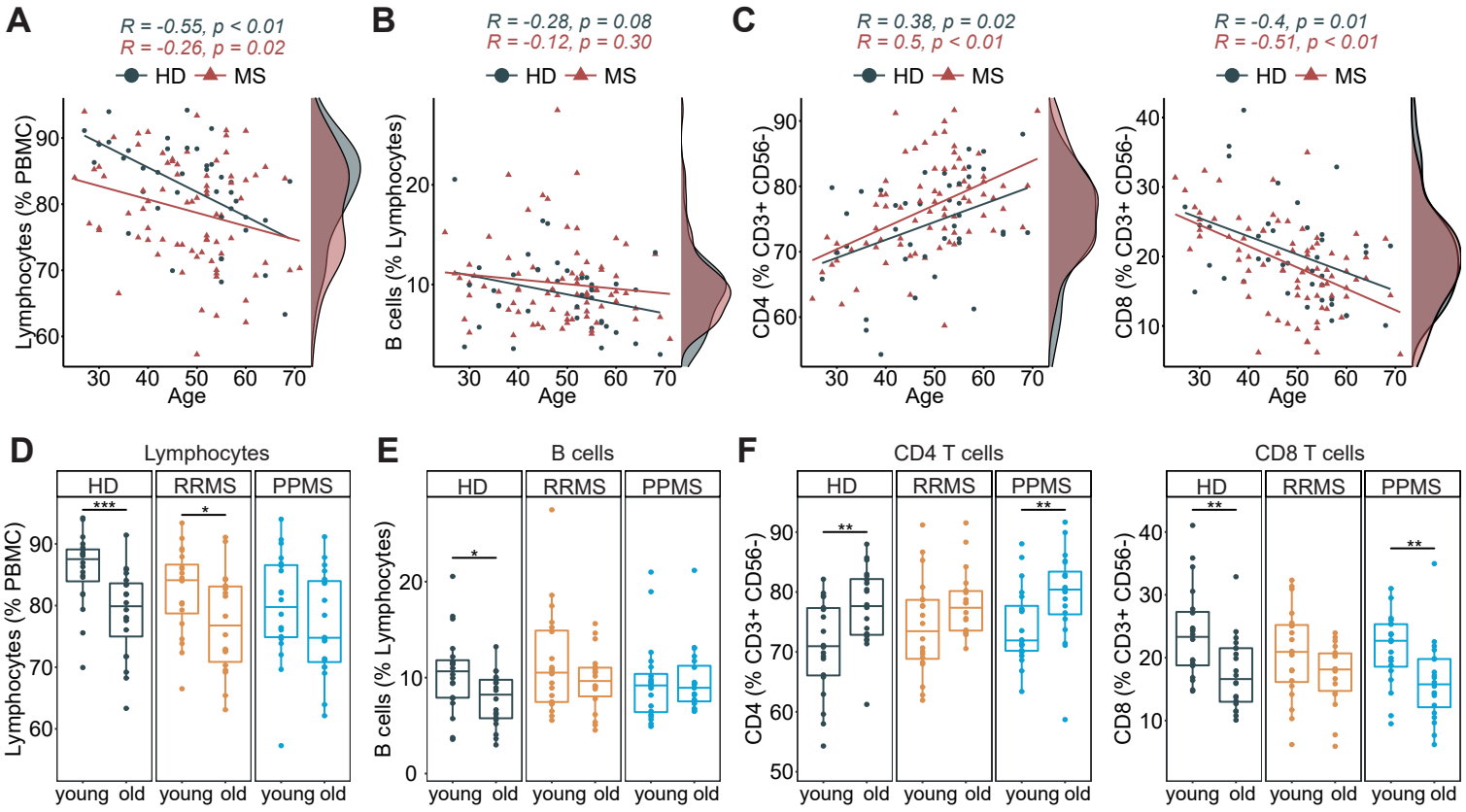

eFigure 2 Changes in the immune cell subset composition in the peripheral blood of MS patients and HD during aging. Immune cell subset composition in the peripheral blood of young (≤ 50 years) and old (> 50 years) patients with multiple sclerosis (MS) (MS: young: *n*=40, old: *n*=38; relapsing-remitting MS (RRMS): young: *n*=20, old: *n*=18; primary progressive (PPMS): young: *n*=20, old: *n*=20) and healthy donors (HD) (young: *n*=20, old: *n*=20). Demographic data of study subjects are depicted in eTable1. **(A-C)** Correlation analysis of proportions of lymphocytes **(A)**, B cells **(B)**, CD4 and CD8 T cells **(C)** with age. **(D-F)** Frequencies of lymphocytes **(D)**, B cells **(E)**, CD4 and CD8 T cells **(F)** in the peripheral blood of HD, RRMS and PPMS patients. Data are displayed as boxplots of the median and the 25th and 75th percentile ± IQR. Statistical analysis was conducted by two-tailed Mann-Whitney test. For correlation analysis, the Pearson product-moment correlation coefficients (Pearson's R) were computed. Differences were considered statistically significant with the following *P*-values: **P* < 0.05, ***P* < 0.01, ****P* < 0.001 and *****P* < 0.0001