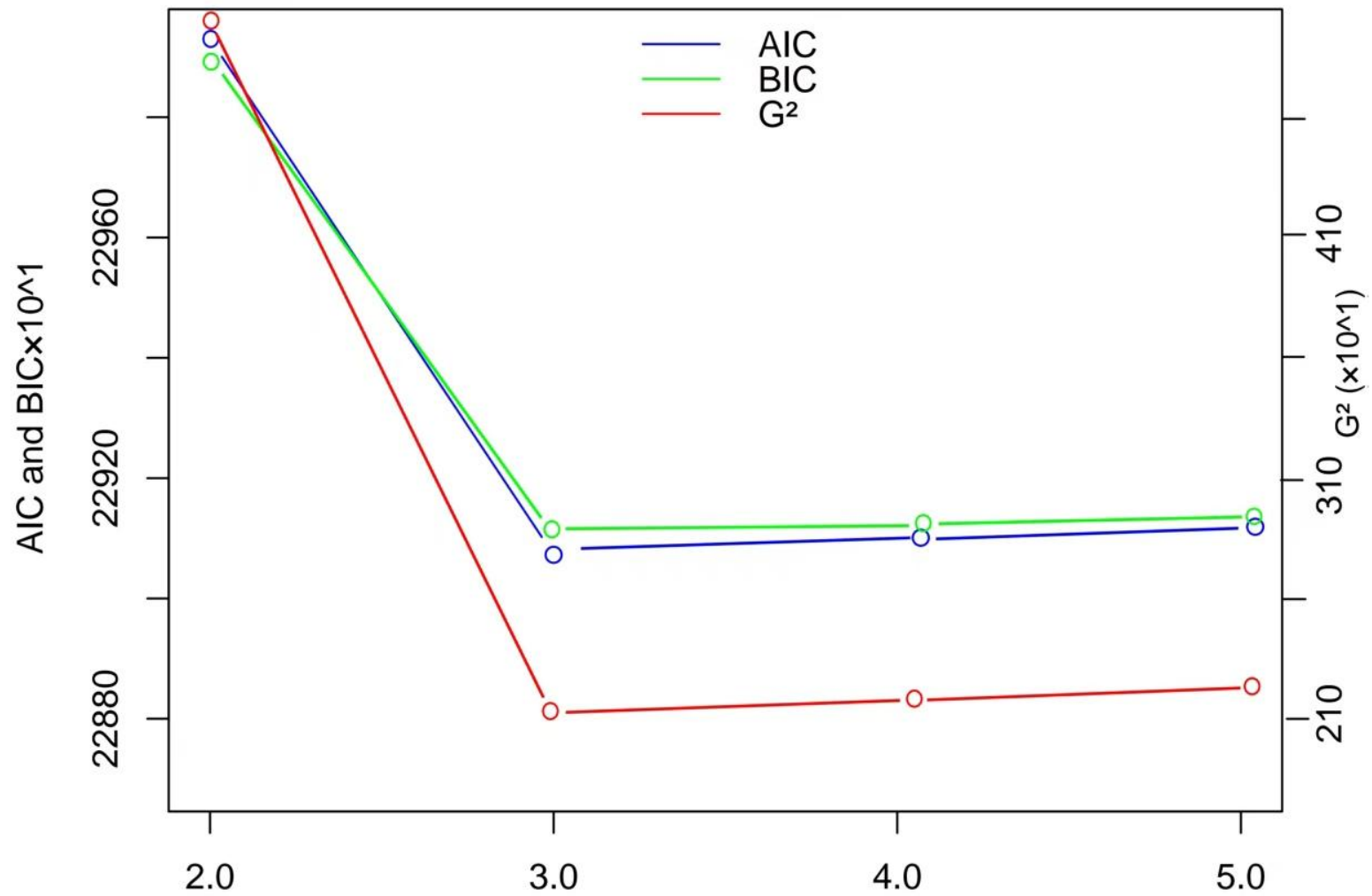Figure S1:Analysis of Sample Screening Process

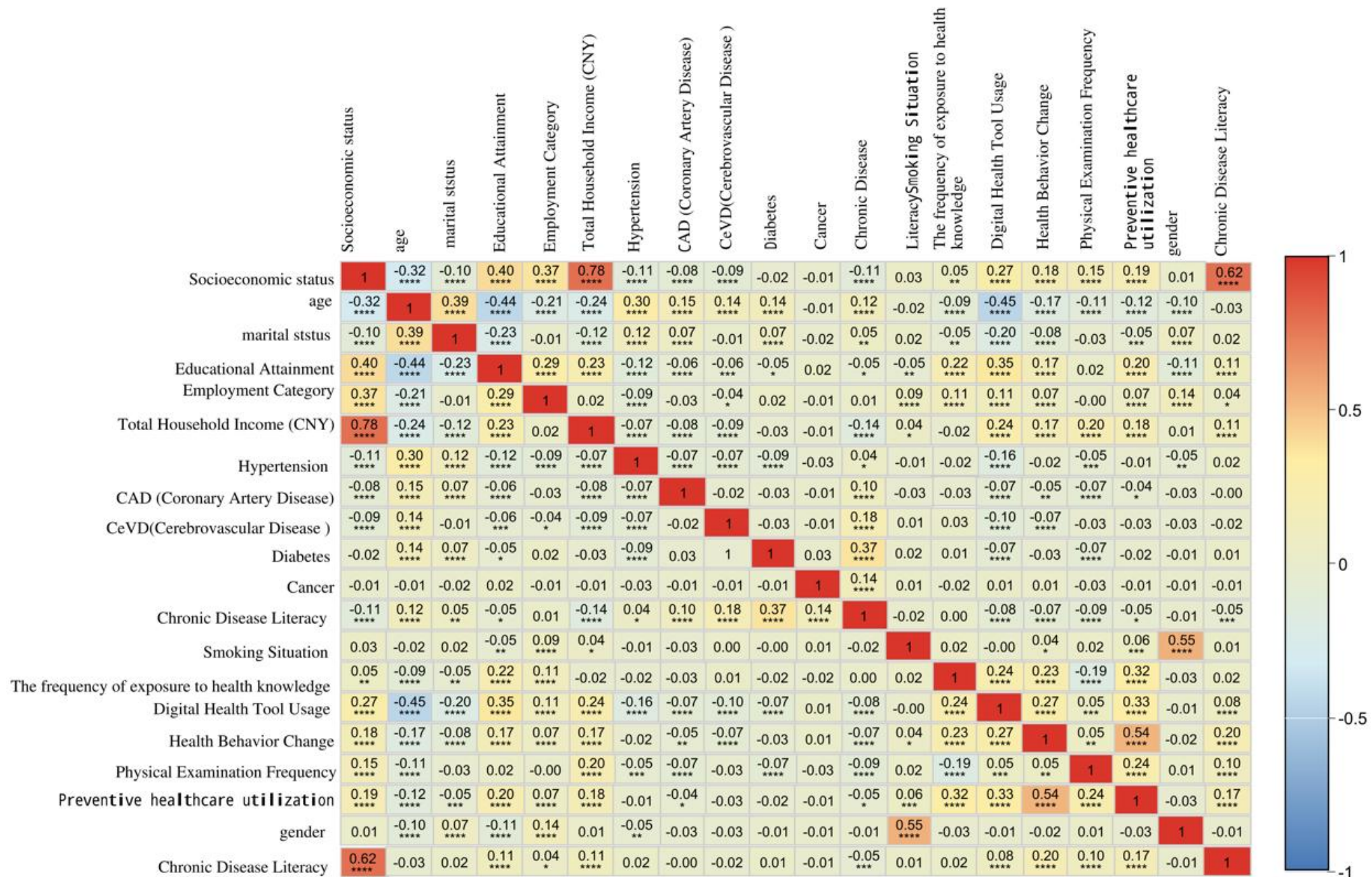Figure S2: G2 statistics, AIC, and BIC in models with different numbers of latent classes

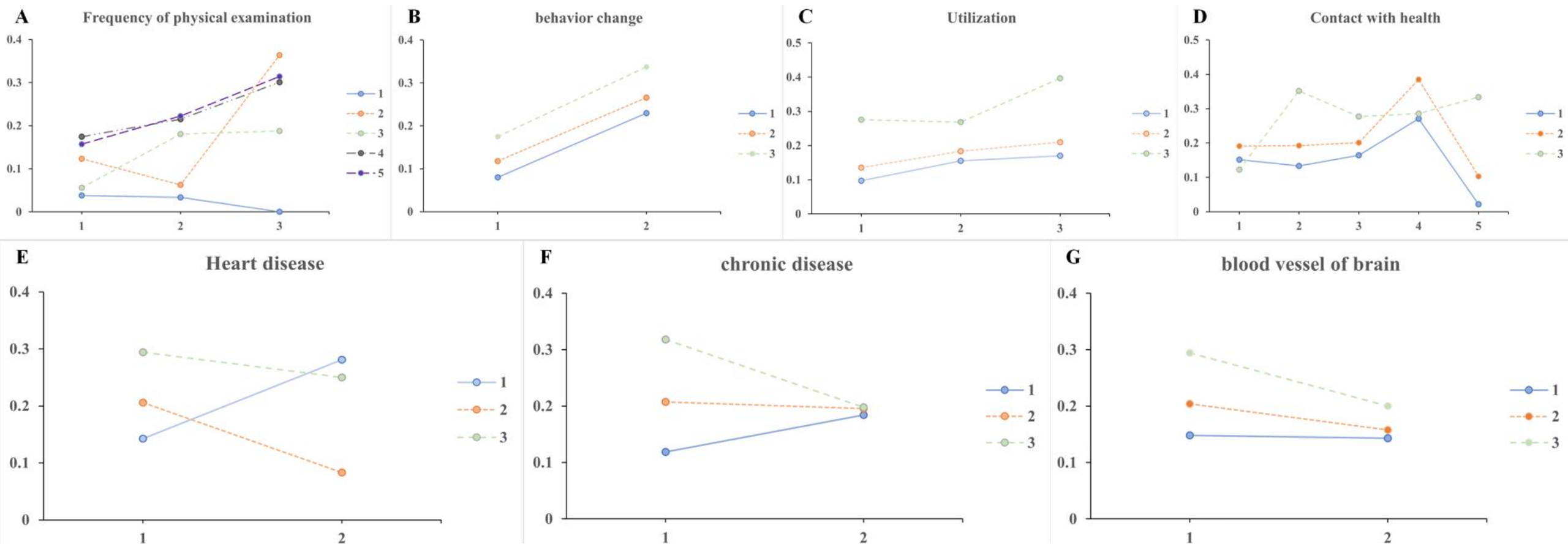Figure S3：Heatmap of Correlations among Health - related Variables

Figure S4：Line Charts of the Relationships between Different Health - related Variables