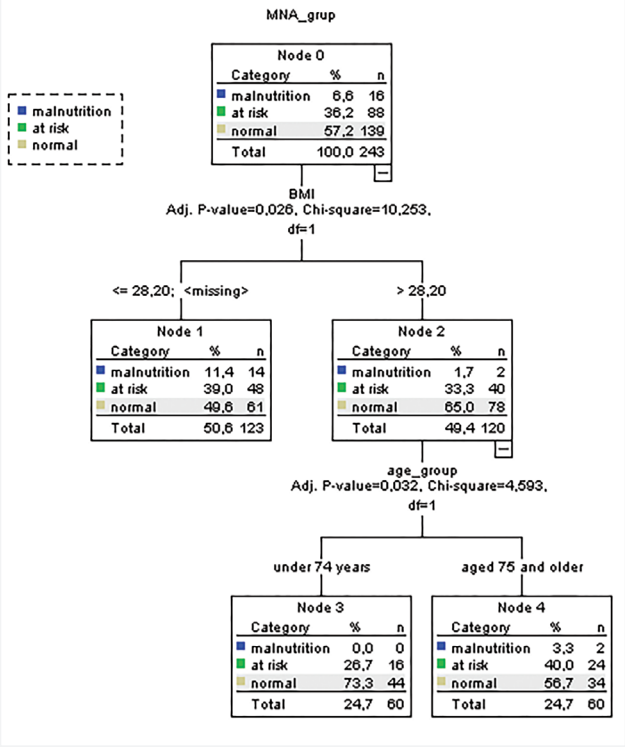
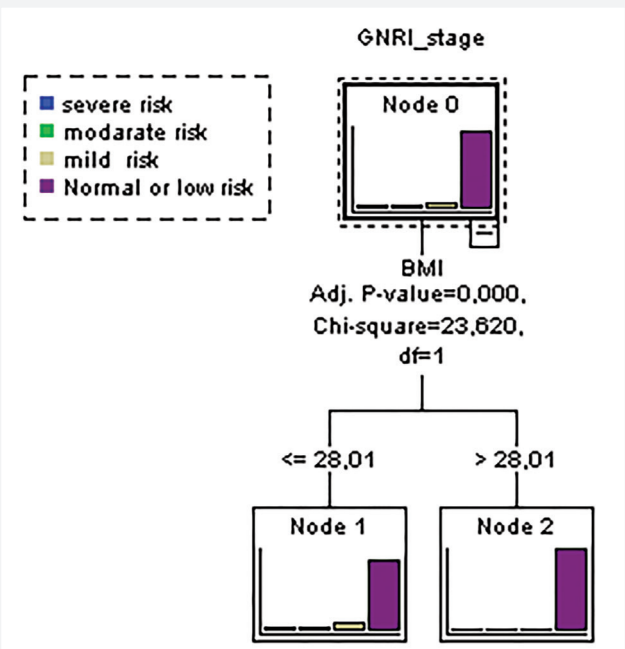
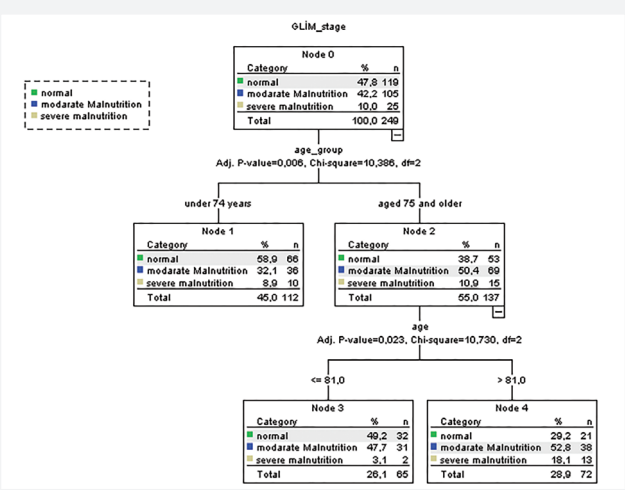



**Supplementary 1.** CHAID decision tree model for GLIM-defined malnutrition by age group and BMI
*CHAID: Chi-Square Automatic Interaction Detection, adj. p-value: adjusted p-value, GLIM: Global Leadership Initiative on Malnutrition, BMI: Body mass index*




**Supplementary 2.** Decision tree (CHAID) model for GNRI-based nutritional risk classification by BMI.
*CHAID: Chi-Square Automatic Interaction Detection, adj. p-value: adjusted p-value, GNRI: Geriatric Nutritional Risk index, BMI: Body mass index*




**Supplementary 3.** Decision tree (CHAID) model for MNA-based nutritional status classification by BMI and age group
*CHAID: Chi-Square Automatic Interaction Detection, adj. p-value: adjusted p-value, MNA: Mini Nutritional Assessment, BMI: Body mass index*