



Supplementary Figure 3. ROC curves for stage subgroups to estimate the predictive value of the UGH in PLCO Abbreviations: OS: overall survival; DSS: disease-special survival; UGH: unfavorable genotypes/haplotypes. **(A)-(D)** Ten-year NSCLC OS prediction by ROC curve for stage subgroups of I, II, III and IV respectively; **(F)-(I)** Ten-year NSCLC DSS prediction by ROC curve for stage subgroups of I, II, III and IV respectively. **(E)** and **(J)** Comparison among Ten-year NSCLC OS and DSS prediction by ROC curve for stage subgroups of I, II, III and IV. All the P values were ≥ 0.05 , when further comparing stage I ($n=243$) with stages II ($n=178$), III ($n=233$) and IV ($n=521$), respectively (0.9393, 0.9999 and 0.7845 for OS; 0.6396, 0.8866 and 0.2352 for DSS).