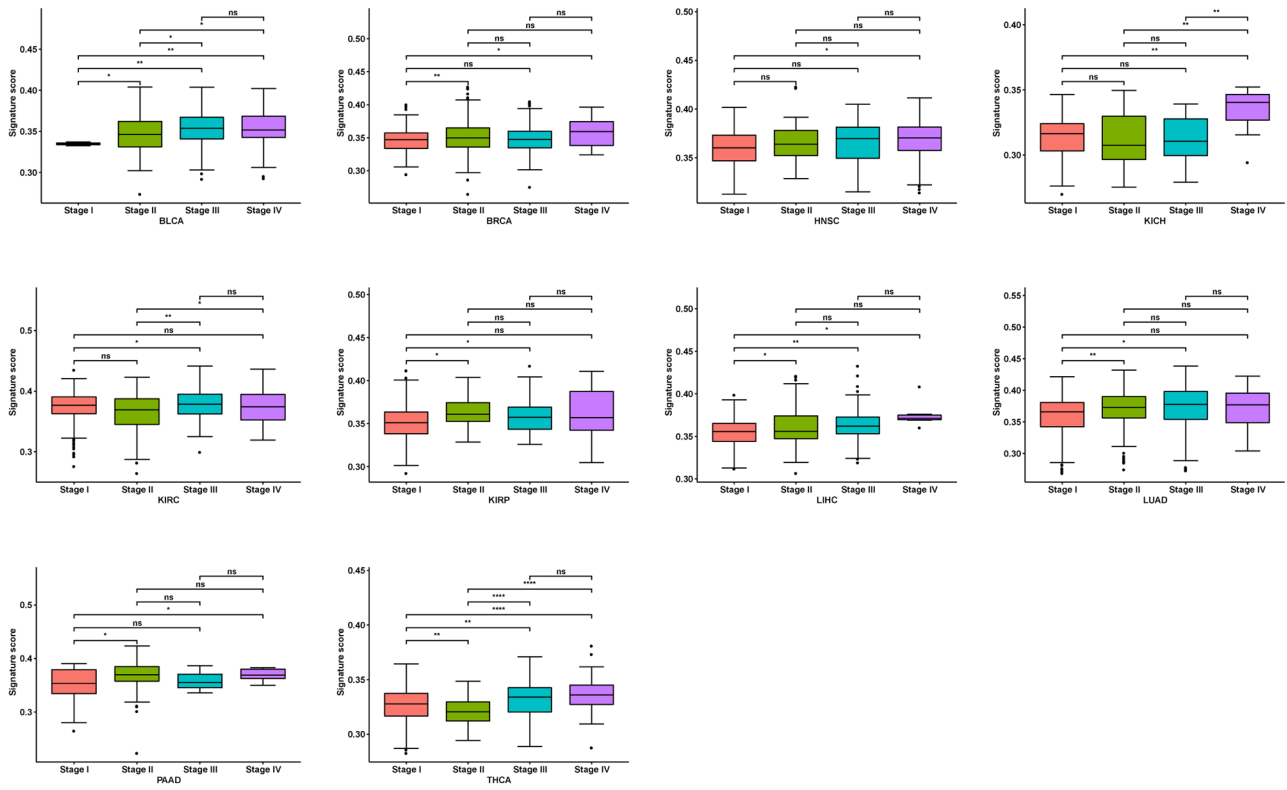


**Appendix 1** A complete list of the TCGA cancer-type abbreviations

ACC: Adrenocortical carcinoma  
BLCA: Bladder Urothelial Carcinoma  
BRCA: Breast invasive carcinoma  
CESC: Cervical squamous cell carcinoma and endocervical adenocarcinoma  
CHOL: Cholangiocarcinoma  
COAD: Colon adenocarcinoma  
DLBC: Lymphoid Neoplasm Diffuse Large B-cell Lymphoma  
ESCA: Esophageal carcinoma  
GBM: Glioblastoma multiforme  
HNSC: Head and Neck squamous cell carcinoma  
KICH: Kidney Chromophobe  
KIRC: Kidney renal clear cell carcinoma  
KIRP: Kidney renal papillary cell carcinoma  
LAML: Acute Myeloid Leukemia  
LGG: Brain Lower Grade Glioma  
LIHC: Liver hepatocellular carcinoma  
LUAD: Lung adenocarcinoma  
LUSC: Lung squamous cell carcinoma  
MESO: Mesothelioma  
OV: Ovarian serous cystadenocarcinoma  
PAAD: Pancreatic adenocarcinoma  
PCPG: Pheochromocytoma and Paraganglioma  
PRAD: Prostate adenocarcinoma  
READ: Rectum adenocarcinoma  
SARC: Sarcoma  
SKCM: Skin Cutaneous Melanoma  
STAD: Stomach adenocarcinoma  
TGCT: Testicular Germ Cell Tumors  
THCA: Thyroid carcinoma  
THYM: Thymoma  
UCEC: Uterine Corpus Endometrial Carcinoma  
UCS: Uterine Carcinosarcoma  
UVM: Uveal Melanoma



**Figure S1** Glycolysis score among different groups of tumor patients based on clinical stage. ns, no significance; \*,  $P < 0.05$ ; \*\*,  $P < 0.01$ ; and \*\*\*\*,  $P < 0.0001$ .

