

**Fig. S6.** Correlations of malignant and immune signatures with clinicopathological features in NPC. a, Changes in gene expression for the indicated five malignant signatures as a result of differences in smoking history and T category in NPC Cohort A. b, Changes in gene expression for the indicated immune signatures as a result of differences in T and N categories and clinical stage in NPC Cohort A. The box plot centre corresponds to the median, with the box and whiskers corresponding to the interquartile range and 1.5×interquartile range, respectively. *P*-values were based on the Wilcoxon rank-sum test.