

**Supplementary Figure S7.** The expression difference of the four immune checkpoints in primary and metastatic tumors (A), as well as in tumors first treated with surgery and pre-operative chemo strategies (B). Subsequently, the difference of the ICS value in primary tumors compared with the metastatic tumors (C), and tumors first treated with surgery and pre-operative chemo strategies (D), respectively. \*\*P < 0.01; ns, not significant.