

**Oral cavity cancer:** C00, C000, C001, C003, C004, C005, C009, C020, C021, C022, C023, C025, C026, C028, C029, C03, C030, C031, C032, C033, C039, C04, C040, C041, C0410, C0411, C0412, C0413, C0414, C0415, C042, C043, C044, C046, C047, C048, C049, C050, C058, C059, C06, C060, C061, C062, C063, C068, C069

**Oropharyngeal cancer:** C01, C011, C0110, C0111, C0112, C0113, C0114, C0115, C0116, C0117, C0118, C0119, C012, C013, C014, C015, C016, C017, C018, C019, C024, C051, C052, C09, C090, C091, C098, C099, C100, C102, C103, C105, C106, C107, C108, C109

**Hypopharyngeal cancer:** C12, C13, C130, C131, C132, C138, C139

**Laryngeal cancer:** C101, C32, C320, C321, C322, C323, C328, C329

**Nasal cavity and paranasal sinus cancer:** C300, C31, C310, C311, C312, C313, C318, C319

**Nasopharyngeal cancer:** C11, C110, C1101, C1102, C1103, C1104, C1105, C1106, C1107, C1108, C1109, C111, C1110, C1111, C1112, C1113, C1114, C1115, C1116, C112, C113, C114, C1141, C1142, C1143, C1144, C1145, C1146, C118, C119

**S1 Fig.** ICD-10 codes used to identify the diagnosis of head and neck cancer in the current study.