



S2 Fig. Overall survival comparisons of patients with conventional cystic duct cancers (CDCs) and associated with intraductal papillary neoplasms (IPNs) (A) Patients with IPNs (median overall survival, 30.5 months) had a tendency to have a better overall survival than those with conventional CDCs (26.0 months, $p=0.172$). (B) Subgroup analysis with R1 status showed no significant overall survival difference between conventional CDC (median, 17.0 months) and CDC with IPNs (30.0 months, $p=0.547$). (C) Patients with IPNs and R0 resection had significantly better overall survival (median, 49.0 months, 40%) than those with conventional CDCs and R0 (28.0 months, $p=0.049$).