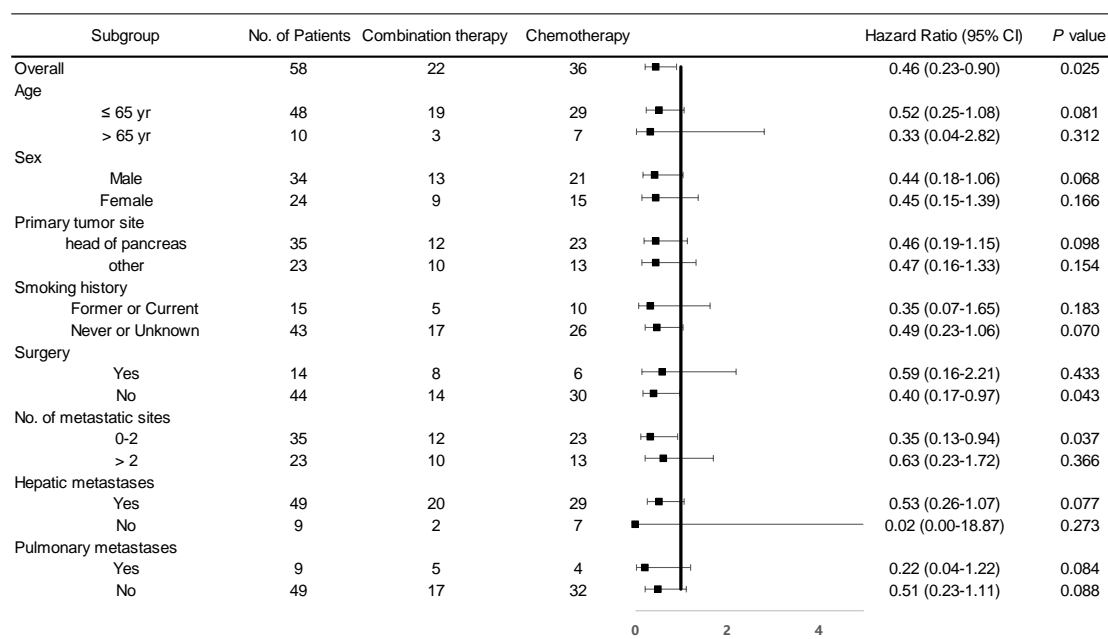
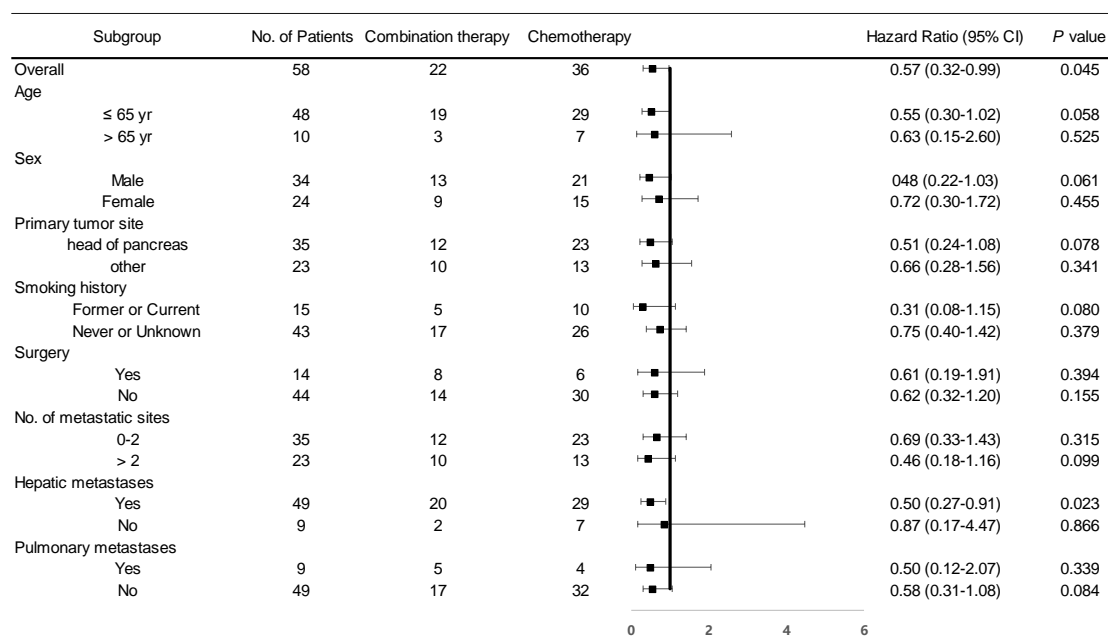


a



b



Supplementary Figure S1. Forest plots of overall survival (a) and progression-free survival (b) in patient subgroups between the combination group and chemotherapy group.

Supplementary Table S1. Treatment received by patients in the combination group and chemotherapy group.

Subject ID	Combination group
Patient 1	nivolumab + nab-paclitaxel
Patient 2	nivolumab + gemcitabine + nab-paclitaxel
Patient 3	nivolumab + gemcitabine + nab-paclitaxel
Patient 4	nivolumab + gemcitabine + nab-paclitaxel
Patient 5	nivolumab + bicycloplatin
Patient 6	nivolumab + oxaliplatin
Patient 7	nivolumab + tegafur
Patient 8	nivolumab + gemcitabine
Patient 9	pembrolizumab + gemcitabine
Patient 10	nivolumab + nab-paclitaxel + tegafur
Patient 11	nivolumab + gemcitabine + nab-paclitaxel
Patient 12	atezolizumab + nab-paclitaxel + tegafur
Patient 13	nivolumab + gemcitabine + nab-paclitaxel
Patient 14	nivolumab + nab-paclitaxel
Patient 15	nivolumab + gemcitabine + nab-paclitaxel
Patient 16	nivolumab + gemcitabine + nab-paclitaxel
Patient 17	pembrolizumab + gemcitabine + nab-paclitaxel
Patient 18	nivolumab + gemcitabine + nab-paclitaxel
Patient 19	nivolumab + gemcitabine + paclitaxel
Patient 20	nivolumab + nab-paclitaxel + tegafur
Patient 21	pembrolizumab + bicycloplatin
Patient 22	pembrolizumab + gemcitabine
Subject ID	Chemotherapy group
Patient 1	nab-paclitaxel + tegafur
Patient 2	gemcitabine
Patient 3	nab-paclitaxel + tegafur
Patient 4	nab-paclitaxel + tegafur
Patient 5	nab-paclitaxel + tegafur
Patient 6	gemcitabine + S-1
Patient 7	gemcitabine + S-1
Patient 8	nab-paclitaxel + tegafur
Patient 9	gemcitabine + S-1
Patient 10	nab-paclitaxel + tegafur
Patient 11	gemcitabine + cisplatin
Patient 12	gemcitabine + S-1
Patient 13	nab-paclitaxel + tegafur
Patient 14	nab-paclitaxel + tegafur
Patient 15	nab-paclitaxel + tegafur
Patient 16	gemcitabine + S-1
Patient 17	gemcitabine + S-1

Patient 18	nab-paclitaxel
Patient 19	nab-paclitaxel + tegafur
Patient 20	gemcitabine + S-1
Patient 21	gemcitabine + S-1
Patient 22	gemcitabine + nab-paclitaxel
Patient 23	gemcitabine + nab-paclitaxel
Patient 24	gemcitabine + nab-paclitaxel
Patient 25	gemcitabine + S-1
Patient 26	gemcitabine + nab-paclitaxel
Patient 27	nab-paclitaxel + tegafur
Patient 28	nab-paclitaxel + tegafur
Patient 29	nab-paclitaxel + tegafur
Patient 30	nab-paclitaxel + tegafur
Patient 31	nab-paclitaxel + tegafur
Patient 32	nab-paclitaxel + tegafur
Patient 33	gemcitabine
Patient 34	gemcitabine + nab-paclitaxel
Patient 35	gemcitabine + S-1
Patient 36	nab-paclitaxel + tegafur
