

TREATMENT PLAN

The P-SOX regimen was administered as follows: On day 1, nab-paclitaxel was given intravenously at 135 mg/m² over 3 hours, together with oxaliplatin at 85 mg/m² administered by intravenous infusion over 2–4 hours. S-1 was administered orally on days 1–14. The dose of S-1 was determined according to body surface area (BSA): 40 mg per dose for patients with a BSA <1.25 m², 50 mg per dose for those with a BSA of 1.25–1.5 m², and 60 mg per dose for those with a BSA >1.5 m². S-1 was taken twice daily, 30 minutes after breakfast and dinner. Each treatment cycle lasted 21 days.

The FOLFOX regimen was administered as follows: On day 1, oxaliplatin was given intravenously at 85 mg/m² over 2–4 hours, together with leucovorin at 200 mg/m² administered intravenously over 2 hours, followed by a 400 mg/m² intravenous bolus of 5-fluorouracil (5-FU), and then a continuous intravenous infusion of 5-FU at 2,400 mg/m² over 46 hours. Each treatment cycle lasted 14 days.

The SOX plus sintilimab regimen was administered as follows: On day 1, oxaliplatin was given intravenously at 130 mg/m² over 2–4 hours, together with sintilimab at a fixed dose of 200 mg by intravenous infusion. S-1 was administered orally on days 1–14 using the same dosing schedule as described above. Each treatment cycle lasted 21 days.

Supplementary Table 1 Detailed coefficients

Variable	Coefficient
Age _1	0.00000000
Sex _2	0.00000000
ASA _1	0.00000000
Differentiation _ Moderate	0.00000000
Differentiation _ Poorly	0.06105996

cT_3	0.00000000
cT_4	0.00000000
cN_1	0.09940248
cTNM_2	0.00000000
cTNM_3	0.00000000
cTNM_4	0.47674392
RECIST1.1_1	-0.13308210
laurnen _2	0.00000000
laurnen _3	0.00000000
Location _2	0.00000000
Location _3	0.00000000
TRG_1	-0.10070094
Tumor diameter _2	0.00000000
Tumor diameter _3	0.00000000
