

S3 Table. Subgroup survival analysis

Characteristic	No.	Progression-free survival		Overall survival	
		HR (95% CI)	p-value ^{a)}	HR (95% CI)	p-value ^{a)}
Age (yr)					
< 65	69	0.83 (0.50-1.39)	0.482	0.99 (0.59-1.65)	0.966
≥ 65	56	1.34 (0.75-2.40)	0.328	1.48 (0.83-2.66)	0.185
Sex					
Male	116	0.99 (0.67-1.45)	0.944	1.13 (0.77-1.67)	0.532
Female	9	1.72 (0.37-7.99)	0.492	1.65 (0.35-7.76)	0.524
ECOG PS					
0-1	84	1.12 (0.71-1.76)	0.627	1.02 (0.64-1.63)	0.935
2	41	0.83 (0.43-1.59)	0.570	1.54 (0.81-2.94)	0.193
Smoking					
Current smoker	33	1.05 (0.47-2.67)	0.906	1.71 (0.78-3.74)	0.183
Former smoker	92	1.03 (0.67-1.58)	0.887	1.07 (0.69-1.66)	0.769
Smoking (pack-years)					
< 50	89	0.95 (0.61-1.47)	0.802	1.00 (0.64-1.56)	0.999
≥ 50	36	1.15 (0.56-2.35)	0.709	1.61 (0.80-3.25)	0.187
Body mass index (kg/m ²)					
< 25.0	91	1.04 (0.67-1.62)	0.861	1.00 (0.65-1.52)	0.982
≥ 25.0	34	0.88 (0.42-1.83)	0.731	1.52 (0.71-3.27)	0.281
Weight (kg)					

< 63.6	62	0.95 (0.56-1.60)	0.833	1.13 (0.67-1.89)	0.637
≥ 63.6	63	1.03 (0.60-1.77)	0.911	0.95 (0.57-1.60)	0.849
Brain metastasis					
Yes	27	1.30 (0.57-2.95)	0.530	1.87 (0.85-4.11)	0.121
No	98	1.04 (0.69-1.59)	0.820	0.96 (0.64-1.45)	0.844
Liver metastasis					
Yes	26	2.99 (0.15-7.79)	0.125	1.52 (0.64-3.60)	0.340
No	99	1.04 (0.69-1.57)	0.849	1.19 (0.79-1.80)	0.405
Serum LDH (U/L)					
≤ 240	61	0.84 (0.49-1.43)	0.518	1.01 (0.60-1.70)	0.970
> 240	64	1.34 (0.79-2.27)	0.275	1.22 (0.72-2.01)	0.488
Baseline triglyceride (mg/dL)					
< 120	60	1.03 (0.61-1.75)	0.906	1.16 (0.68-1.98)	0.577
≥ 120	65	1.00 (0.59-1.70)	0.955	0.95 (0.57-1.58)	0.829
Change in triglyceride (%) ^{b)}					
< -13	56	0.93 (0.54-1.59)	0.778	0.99 (0.57-1.70)	0.961
≥ -13	55	1.06 (0.61-1.83)	0.826	1.07 (0.62-1.85)	0.819
Baseline LDL-cholesterol (mmol/L)					
< 107	62	0.99 (0.58-1.70)	0.983	0.77 (0.46-1.31)	0.345
≥ 107	63	1.15 (0.68-1.94)	0.600	1.26 (0.75-2.13)	0.385
Change in LDL cholesterol (%) ^{b)}					
< -14	57	1.41 (0.69-2.90)	0.345	1.20 (0.60-2.40)	0.614
≥ -14	54	0.50 (0.23-1.09)	0.080	0.52 (0.22-1.23)	0.137

Baseline	HDL-cholesterol					
(mmol/L)						
< 42	60	0.81 (0.47-1.40)	0.447	0.89 (0.52-1.53)	0.680	
≥ 42	65	1.32 (0.79-2.21)	0.282	1.27 (0.76-2.12)	0.360	
Change in HDL-cholesterol (%) ^{b)}						
< 8	54	1.58 (0.90-2.78)	0.111	1.62 (0.91-2.89)	0.102	
≥ 8	57	0.60 (0.34-1.05)	0.073	0.67 (0.39-1.19)	0.173	

CI, confidence interval; ECOG PS, Eastern Cooperative Oncology Group performance status; HDL, high-density lipoprotein; HR, hazard ratio; LDH, lactate dehydrogenase; LDL, low-density lipoprotein. ^{a)}Tested with Cox proportional hazards model, ^{b)}Difference in the serum level between baseline and after the 1st cycle of treatment.