

Supplementary Table 1: Overall Survival

Variable	N	Death n	5-Year OS Rate (95%CI)	HR (95%CI) ²	p-value ^{1,2}
Age at diagnosis					
<50 years	68	3	94.1%(82.8-98.1%)	1	0.058
≥50 years	114	15	86.8%(77.6-92.3%)	3.13(0.9-10.82)	
Race					
White	131	14	88.4%(80.4-93.3%)	1	0.987
Non-white	34	3	93.8%(77.5-98.4%)	0.99(0.28-3.46)	
Stage					
IA	81	3	95.7%(87.1-98.6%)	1	0.006
IC1	39	2	92.9%(74.6-98.2%)	1.4(0.23-8.41)	
IC2	16	4	73.3%(37.9-90.6%)	8.57(1.91-38.41)	
IC3	25	5	76.4%(46.2-91.1%)	6.53(1.56-27.35)	
IIA	9	3	63.5%(23.8-86.6%)	10.39(2.1-51.55)	
IIB	12	1	100%	2.59(0.27-24.88)	
Risk category					
Low risk (IA/IC1)	120	5	94.9%(88.2-97.8%)	1	<0.001
High risk (IC2/IC3/IIA/IIB)	62	13	77.9%(62-87.8%)	6.03(2.15-16.92)	
Concordant endometriosis					
Absent	60	7	90.5%(78.7-96%)	1	0.852
Present	122	11	88.9%(80.1-94%)	0.91(0.35-2.36)	
p53 IHC					
Aberrant	3	2	Not Reached	1	0.011
Wild Type	63	3	93.2%(79.7-97.8%)	0.06(0.01-0.4)	
MMR IHC					
Retained	76	4	93.2%(82.6-97.4%)		
Deficient	6	0	100%		
Postoperative chemotherapy³					
None	16	0	100%		
Received	165	18	88.7%(81.8-93.1%)		
Platinum cycles³					
0	16	0	100%		
1-3	19	0	100%		
>3	146	18	87.5%(80-92.3%)		

¹ p-value is obtained by applying permutation Log-Rank test with 5000 permutation times if events count N<3

² If a variable contains certain levels event=0, then there is no hazard ratio or p-value provided

³ 'Postoperative chemotherapy' and 'Platinum Cycles' related variables are analyzed using landmark analysis with landmark time set to be 4 months.

FIGO (Federation of Gynecology and Obstetrics); IHC (Immunohistochemistry); MMR (Mismatch Repair)

Supplementary Table 2: Distribution of clinicodemographic characteristics between patients with low-risk versus high-risk early-stage ovarian clear cell carcinoma

Characteristic	IA/IC (Low Risk) ¹	IC2/IC3/IIA/IIB (High Risk) ¹	p-value ²
Age at diagnosis			0.20
<50	49 (41%)	19 (31%)	
≥50	71 (59%)	43 (69%)	
Race			0.69
White	87 (72%)	44 (71%)	
Non-white	21 (18%)	13 (21%)	
Missing	12 (10%)	5 (8.1%)	
Postoperative chemotherapy			0.040
0	15 (12%)	2 (3.2%)	
1-3	15 (12%)	4 (6.5%)	
>3	90 (75%)	56 (90%)	

¹Median (minimum-maximum); n (%)

²Wilcoxon rank sum test; Fisher's exact test