

**Supplementary Table 3.** Clinicopathological parameters of patients with early-onset endometrioid endometrial cancer (EE) (aged <40 yr) and late-onset endometrioid endometrial cancer (LE).

Clinicopathological parameters	Year, body mass index (BMI) and number of patients		P value <sup>c</sup>
	EE (n=34)	LE (n=40)	
Patients Age			
Median	36	55	<u>1.56×10<sup>-13d</sup></u>
Interquartile range	23-40	42-77	
BMI			
Median	21.9	22.5	0.99 <sup>d</sup>
Interquartile range	14.8-36.5	12.7-32.0	
Histological grading <sup>a</sup>			
G1 to G2	28	35	0.75 <sup>e</sup>
G3	6	5	
Myometrial invasion			
Less than 1/2	29	24	<u>0.02<sup>e</sup></u>
1/2 or more	5	16	
Lymph vessel invasion			
Absent	22	22	0.48 <sup>e</sup>
Present	12	18	
Cervical invasion			
Absent	28	38	0.13 <sup>e</sup>
Present	6	2	
Adnexal invasion			
Absent	30	38	0.40 <sup>e</sup>
Present	4	2	
Lymph node metastasis			
Absent	29	36	0.72 <sup>e</sup>
Present	5	4	
Distant metastasis			
Absent	33	39	1.00 <sup>e</sup>
Present	1	1	
Peritoneal cytology			
Negative	31	39	0.33 <sup>e</sup>
Positive	3	1	
The International Federation of Gynecology and Obstetrics (FIGO) stage (2008) <sup>b</sup>			
I to II	27	35	0.37 <sup>e</sup>
III to IV	7	5	
Reccurrence			
Negative	33	36	0.62 <sup>e</sup>
Positive	1	3	
Outcome			
Alive or death of other cause	0	1	1.00 <sup>e</sup>
Death of complication	34	39	

<sup>a</sup>Histological grading of endometrial cancer was in accordance with the Tumor-Node-Metastasis classification (Ref.25).

<sup>b</sup>FIGO stage was defined according to Ref.26.

<sup>c</sup>P values of <0.05 are underlined.

<sup>d</sup>Mann-Whitney U test.

<sup>e</sup>Fisher's exact test.