

Supplement table 1. Baseline characteristics of of the non-matching cohort

	LRH (n)	LRH (%)	ARH (n)	ARH (%)	Total/p value
Number	2925	-	5545	-	8470
Age	46.39±9.340		46.58±9.110		0.365
Year of surgery					
2004-2009	97	3.3%	1478	26.7%	<0.001
2010-2016	2828	96.7%	4067	73.3%	
Histopathology					
Squamous cell carcinoma	2481	84.8%	4881	88.0%	<0.001
Adenocarcinoma	387	13.2%	531	9.6%	
Adenosquamous carcinoma	57	1.9%	133	2.4%	
FIGO stage					
IA1 (LVSI+) & IA2	221	7.6%	447	8.1%	0.412
IB1	2704	92.4%	5098	91.9%	
Stromal invasion					
≤1/2	1564	53.5%	2847	51.3%	<0.001
>1/2	1026	35.1%	2200	39.7%	
N/A	335	11.5%	498	9.0%	
Lymphovascular invasion					
Negative	2386	81.6%	4705	84.9%	<0.001
Positive	539	18.4%	840	15.1%	
Parametrial invasion					
Negative	2897	99.0%	5484	98.9%	0.540
Positive	28	1.0%	61	1.1%	
Vaginal margin status					
Negative	2900	99.1%	5495	99.1%	0.826
Positive	25	0.9%	50	0.9%	
Lymph nodes					
Nonmetastasis	2548	87.1%	4885	88.1%	0.188
Metastasis	377	12.9%	660	11.9%	
Adjuvant therapy					
No	1439	49.2%	2496	45.0%	<0.001
Yes	1486	50.8%	3049	55.0%	

*LRH=laparoscopic radical hysterectomy; ARH=abdominal radical hysterectomy.