The metabolomic approach for the screening of endometrial cancer: validation from a large cohort of women scheduled for gynecological surgery

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SUPPLEMENTAL MATERIAL

Table S1. Ensemble Machine Learning score for the detection of endometrial cancer in patients of the different classes divided for age subgroups (<50-year-old and ≥50-years-old)

	<50-year-old		**≥50-years-old**		
	EML-score Means	EML-score standard deviation	EML-score Means	EML-score standard deviation	p-value
Breast Cancer	-62,3	139,5	15,5	113,1	0,31
Cervical Cancer	81,9	208,4	93,1	179,3	0,91
Endometrial cancer	360,5	102,7	399,3	80,2	0,30
Controls	63,5	170,8	23,5	125,0	0,25
Endometriosis	129,5	202,9	30,7	161,0	0,14
Endometrial Hyperplasia	63,7	116,2	-119,0	130,6	0,06
High-grade Squamous Intraepithelial Lesion	118,5	219,6	-149,0	180,5	0,11
Low-grade Squamous Intraepithelial Lesion	31,2	167,5	41,7	160,8	0,88
Myomas and/or Polyps	65,5	163,0	43,1	162,8	0,35
Ovarian Cyst	54,5	169,7	26,5	176,2	0,43
Ovarian Cancer	75,0	200,6	112,1	233,3	0,66
Uterine Malformation	26,3	206,6	34,6	153,5	0,91
Uterine Sarcoma	116,0	100,0	178,3	4,1	0,77
Vaginal Cancer	9,0	163,9	61,5	128,5	0,55