

Supplementary Table 7: 12 patients NSN+.

	age	T size	Grade	Histology	LVI	SN pN	Nb NSN+	ALND and AC	AC	Nb SN	Nb SN+
1	53	38	2	mucinous	1	pN macro	11	before AC	1	3	1
2	85	30	3	mucinous	1	pN macro	8		0	3	3
3	73	20	2	tubular	0	pN macro	8	before AC	1	2	1
4	56	70	1	tubular	0	pN1mi	2	before AC	1	1	1
5	57	18	1	tubular	0	pN macro	2	before AC	1	1	1
6	43	12	1	tubular	0	pN macro	1	before AC	1	1	1
7	41	24	1	mucinous	1	pN0(i+)	1	before AC	1	2	2
8	70	20	2	mucinous	0	pN macro	1		0	1	1
9	61	35	1	mucinous	0	pN macro	1	before AC	1	3	1
10	58	25	1	tubular	0	pN macro	1	before AC	1	3	1
11	53	11	1	tubular	0	pN macro	1	before AC	1	4	2
12	60	8	1	tubular	0	pN1mi	1	before AC	1	1	1

Legend: LVI: lympho vascular invasion AC: adjuvant chemotherapy

Supplementary Table 8: OS and DFS

		OS		Log Rank	DFS		Log Rank	CSOS		Log Rank
		5-years	7-years	p	5-years	7-years	p	5-years	7-years	p
	All patients	95.8	94		97.2	96.2		99.1	98.8	
	(patients at risk)	391	159		373	147		391	160	
histology	tubular	97.1	95	0.043	97.9	97.2	0.041	100	99.6	0.032
	mucinous	92.3	91.2		95.2	93.6		96.7	96.7	
age	<= 40	87.9	87.9	<0.0001	90.7	90.7	0.654	87.9	87.9	0.012
	40.1 - 50	97.7	96.5		96.2	96.2		99	97.8	
	50.1 - 74.9	96.6	94.8		97.8	96.5		99.5	99.5	
	>= 75	87.9	84.5		97.1	97.1		100	100	
size	<= 5mm	97.2	95.1	0.011	96.4	96.4	0.026	97.9	97.9	<0.0001
	5.1 - 10	97.2	94.1		97	97		99.3	99.3	
	10.1 - 19.9	97.2	96.4		98.7	97.2		99.3	99.3	
	20 - 50	90.7	88.8		98.2	95.4		99	99	
	> 50	83.9	83.9		80.7	80.7		83.9	83.9	
grade	1	96.5	94.6	0.136	98.2	98.2	<0.0001	99.8	99.5	<0.0001
	2	93.3	93.3		91.3	84		94.3	94.3	
	3	90	75					100	100	
LVI	no	96.7	94.9	0.001	98.7	97.6	0.374	99.6	99.3	0.143
	yes	80.6	77.1		95.3	95.3		93.8	93.8	
HR	positive	96.1	94.2	0.982	97.5	96.5	0.042	99.3	99	0.204
	negative	88.9	88.9		88.2	88.2		88.9	88.9	
pN final status	pN0	96.6	94.5	0.057	97.4	96.2	0.502	99.5	99.2	0.013
	pN0 i+	87.5	87.5		100	100		100	100	
	pN1 mi	97.3	97.3		96.1	96.1		100	100	
	pN1 macrometastase	91.6	89.2		96.8	96.8		96.2	96.2	

	1 macrometastasis	91.2	91.2		96.2	96.2		96	96	
	> 1 macrometastasis	91.5	87.8		97.1	97.1		96.6	96.6	

Legend: LVI: lympho vascular invasion, HR: hormonal receptors, OS: overall survival, DFS: disease free survival, CSOS: cancer specific overall survival.