

Table S1. Association between variables and upstage (implying change of therapy). Results from univariate and multivariate logistic regression analyses.

Variable	Level	Upstage/Tot (%)	Univariate analysis			Multivariate analysis ¹		
			OR	95% CI	P-value	OR	95% CI	P-value
Overall	-	53/295 (18.0)	-	-	-	-	-	-
Age at Mammotome biopsy	+1 year		0.96	0.92-0.99	0.021	0.96	0.92-1.00	0.067
Biopsy needle	8G + 7G	13/45 (28.9)	Ref.	-	-	Ref.	-	-
	11G + 10G	40/245 (16.3)	0.48	0.23-0.99	0.048	0.67	0.29-1.54	0.34
	Missing	0/5						
Post biopsy residual disease	No	4/128 (3.1)	Ref.	-	-	Ref.	-	-
	Yes	49/167 (29.3)	12.9	4.50-36.8	<0.001	9.40	2.58-34.2	<0.001
Post biopsy residual lesion size	+1×log ₂ (mm)		2.00	1.50-2.66	<0.001	1.02	0.67-1.55	0.93
Number of cores	+1		0.99	0.93-1.05	0.65	0.98	0.91-1.04	0.45
Disease only in cores with microcalcifications	No	36/132 (27.3)	Ref.	-	-	Ref.	-	-
	Yes	13/138 (9.4)	0.28	0.14-0.55	<0.001	0.38	0.18-0.80	0.010
	Missing	4/25						