

Variable	Adjacent + Reduction Epithelium (Fig 5, panel A)	Adjacent Epithelium (Fig 5, panel B)	Adjacent + Reduction Stroma (Fig 5, panel C)	Adjacent Stroma (Fig 5, panel D)
Lymph Node Status	0.656	1.00	0.692	1.00
ER	0.393	0.673	1.00	1.00
Grade	1.00	0.671	0.689	0.226
HER2	1.00	0.613	0.643	1.00
PR	0.669	1.00	0.689	0.688
Age of Operation	0.704	0.297	0.356	0.479
Tumor Size	0.253	0.113	0.240	0.513
Menopausal Status	0.266	0.589	0.494	0.288
Recurrence	0.0526	0.116	1.00	0.645
Cellularity	NA	NA	0.0051	0.000209

Supplementary Table S1