

Supplemental Digital Content 2: Univariate Analysis of Patient and Treatment Factors Which May Influence BREAST-Q

Sensation Module Scale Scores

	Breast Symptoms				Breast Sensation				Quality of Life Impact			
	Coef.	P>t	[95% Conf. Interval]		Coef.	P>t	[95% Conf. Interval]		Coef.	P>t	[95% Conf. Interval]	
Age	0.36	0	0.26 0.46		0.00	0.986	-0.13 0.13		0.47	0	0.35 0.60	
Time Since Last Reconstruction (ref = 1-2 years)												
3-5 years	0.26	0.882	-3.15 3.66		0.82	0.725	-3.76 5.40		-0.88	0.697	-5.31 3.55	
6-10 years	3.68	0.017	0.67 6.69		0.67	0.744	-3.37 4.71		1.54	0.44	-2.37 5.44	
11-15 years	7.71	0	4.10 11.32		2.48	0.315	-2.36 7.32		6.71	0.005	2.03 11.39	
16-20 years	11.55	0	7.97 15.13		4.84	0.048	0.03 9.64		9.00	0	4.35 13.65	
BMI (ref= ≤25)												
Overweight (25-30)	2.28	0.057	-0.07 4.64		1.48	0.343	-1.59 4.55		1.87	0.22	-1.12 4.86	
Obese (≥ 30)	-1.03	0.451	-3.71 1.65		-1.18	0.509	-4.68 2.32		-4.19	0.016	-7.60 -0.79	
Bra Size (ref=A cup)												
B cup	-1.31	0.564	-5.76 3.14		0.88	0.77	-5.00 6.76		0.62	0.831	-5.07 6.30	

C cup	0.45	0.84	-3.93	4.84		-0.54	0.855	-6.34	5.26		3.02	0.291	-2.59	8.62
D cup	-2.31	0.34	-7.07	2.44		-2.25	0.481	-8.53	4.03		-1.69	0.585	-7.76	4.38
DD cup and larger	-1.45	0.622	-7.19	4.30		-3.74	0.33	-11.26	3.78		-3.18	0.392	-10.46	4.11
NSM (ref=no)														
Yes	-4.84	0.003	-7.99	-1.68		-1.81	0.389	-5.92	2.31		-0.40	0.846	-4.45	3.65
Surgery Timing (ref=immediate)														
Delayed	-1.77	0.091	-3.84	0.29		-0.66	0.63	-3.35	2.03		-1.72	0.199	-4.35	0.91
Laterality (ref=unilateral)														
Bilateral	-5.94	0	-7.97	-3.92		-1.72	0.208	-4.41	0.96		-7.97	0	-10.54	-5.39
Chemotherapy (ref=no)														
Yes	-1.44	0.178	-3.52	0.65		-1.36	0.326	-4.08	1.36		-3.99	0.003	-6.63	-1.34
Radiation (ref=no)														
Yes	-2.70	0.014	-4.84	-0.56		-0.54	0.707	-3.33	2.26		-4.08	0.003	-6.81	-1.36
Hormonal Therapy (ref=no)														
Yes	-1.88	0.09	-4.06	0.29		-0.30	0.834	-3.15	2.54		-4.24	0.003	-7.00	-1.48
Marital Status (ref=married)														

Separated or divorced	1.00	0.523	-2.07	4.07		0.90	0.658	-3.08	4.88		-2.54	0.2	-6.42	1.35
Widowed	2.38	0.371	-2.83	7.58		3.40	0.32	-3.31	10.10		-0.69	0.838	-7.34	5.96
Single, never married	-0.05	0.979	-4.17	4.06		7.09	0.009	1.75	12.42		-1.06	0.695	-6.36	4.25
Other	0.14	0.972	-7.76	8.04		-4.52	0.383	-14.69	5.65		1.75	0.73	-8.21	11.71
Education (ref=college or university)														
Highschool (Complete & Incomplete)	-2.16	0.493	-8.32	4.01		-4.63	0.264	-12.75	3.50		0.54	0.893	-7.25	8.32
Masters/Doctoral Degree (Complete & Incomplete)	2.22	0.036	0.15	4.29		1.30	0.345	-1.40	4.00		2.59	0.055	-0.05	5.23
Race (ref=Caucasian)														
Other	-1.07	0.606	-5.14	3.00		0.54	0.84	-4.76	5.85		0.09	0.973	-5.09	5.27

0 represents $p < 0.001$