

Erratum

Correction to: Was Lumpectomy Underutilized for Early Stage Breast Cancer?

J.M. Brooks, E. Chrischilles, S. Scott, and S. Chen-Hardee

Table 3 in the article (Brooks, Chrischilles, Scott, Chen-Hardee, “Was Lumpectomy Underutilized for Early Stage Breast Cancer?—Instrumental Variables Evidence for Stage II Patients from Iowa,” 2003, *Health Services Research* 38 (6):1385–1402) contained two typographical mistakes that could lead to a misinterpretation of the results. The sign of all instrumental variable (IV) estimates should be negative as in the updated table below. Note that two parameter estimates reported as positive and significantly different from zero statistically are actually negative and significantly different from zero statistically.

Table 3: Instrumental Variable and OLS Estimates of the Effectiveness of Breast Conserving Surgery plus Irradiation on Survival Relative to Mastectomy

Row	Analysis Method	Instruments Specified	Number of groups per instrument	Instrument F-statistic	After diagnosis, effect of BCSI on patient survival			
					1 year	2 years	3 years	4 years
1	Unadjusted OLS	none	na	na	0.01	0.02	0.04**	0.06**
2	Adjusted OLS [#]	none	na	na	−0001	−0003	−00001	0.007
3	Instrumental Variable Estimates [#]	BCSI Rate	2	8.57***	−0.32	−0.68	−0.57	−0.51
4			4	5.19***	−0.37**	−0.54**	−0.45	−0.65*
5		8	3.43***	−0.33**	−0.50**	−0.46*	−0.52*	
6		12	3.00***	−0.23**	−0.41**	−0.33	−0.11	
7		Radiation	2	21.79***	−0.21*	−0.12	−0.33	−0.23
8			4	7.52***	−0.14	−0.22	−0.39	−0.38
9		Distance	8	3.30***	−0.14	−0.19	−0.35	−0.28
10			12	2.94***	−0.05	−0.14	−0.33	−0.40*
11		BCSI Rate & Radiation Distance	2	13.08***	−0.24**	−0.25	−0.38*	−0.30
12			4	4.99***	−0.24**	−0.32*	−0.39*	−0.45*
13			8	2.76***	−0.24**	−0.31**	−0.34*	−0.27
14			12	2.74***	−0.12*	−0.23**	−0.30**	−0.15

***statistically significant at .99, .95, and .90 confidence, respectively.

[#]Models also specified binary variables for age groups (<50, 50–64, 65–69, 70–74, 75–79, 80–84,

85+), tumor sizes (<2 cm, 2–5 cm, 5+cm), positive lymph node involvement, tumor grade groups (1, 2, 3, 4, 9–unknown), tumor location groups (nipple, central portion, upper-inner quad, lower-inner quad, upper-outer quad, lower-outer quad, axillary tail, overlapping lesion, not-stated), Charlson comorbidity index (0, 1, 2, 3+), residence zip code poverty percentage (#7, 7–10, 10–13, 13–20, >20), distance from residence to nearest hospital (#2.83, 2.83–9, 9–15, >15), payer (Medicaid, Medicare, Blue Cross/Blue Shield, other private, other government, self pay), and year of diagnosis (1989, 1990, 1991, 1992, 1993, 1994).