

Supplementary Table 2. First-state instrumental variable equation (with the dependent variable as received conservative management)

Variable label	Estimate	Standard error	<i>P</i> *
Intercept	1.426	0.110	<.001
Instrument (lagged area difference)	2.363	0.226	<.001
Age at diagnosis 70-74 y vs 66-69 y	0.467	0.039	<.001
Black non-Hispanic vs white non-Hispanic	0.588	0.062	<.001
Hispanic vs white non-Hispanic	-0.116	0.079	.144
Other race vs white non-Hispanic	0.444	0.083	<.001
Married vs single	-0.701	0.044	<.001
Stage T2 vs T1	0.200	0.041	<.001
Grade moderately differentiated vs well differentiated	-0.544	0.069	<.001
Grade poorly differentiated vs well differentiated	-1.153	0.083	<.001
Grade unknown vs well differentiated	1.432	0.136	<.001
NCI comorbidity index of 0 vs. unknown	-0.934	0.156	<.001
NCI comorbidity index of 1 vs unknown	-0.887	0.166	<.001
NCI comorbidity index of $\geq 2$ vs unknown	-0.808	0.169	<.001
Inflation-adjusted reimbursement in the year before diagnosis (2003 prices)	$-5.51 \times 10^{-06}$	$3.42 \times 10^{-06}$	.108
Any inpatient, outpatient or carrier claims in year before diagnosis vs no claims	-0.964	0.166	<.001
Diagnosed in 1997 vs 1996	-0.151	0.083	.069
Diagnosed in 1998 vs 1996	0.047	0.084	.581
Diagnosed in 1999 vs 1996	0.080	0.086	.353
Diagnosed in 2000 vs 1996	0.224	0.088	.011
Diagnosed in 2001 vs 1996	0.262	0.075	.001
Diagnosed in 2002 vs 1996	0.433	0.075	<.001
Diagnosed in 2003 vs 1996	0.483	0.077	<.001

\*A two-sided Wald chi-square test was used.