

ONLINE SUPPLEMENTAL MATERIALS

Table S1. White versus black adjusted odds ratios of ECT availability (with 95% confidence intervals) among inpatients visits for recurrent major depression in US community community hospitals, by characteristics which significantly interact with race to predict ECT availability, 1993-2007

	Hospital Region			
	Northeast	Midwest	South	West
Urban Location				
Median household income in patient ZIP code				
0-25th percentile	1.0 (0.5 - 2.1)	0.6 (0.3 - 1.2)	1.3 (0.7 - 2.2)	1.2 (0.5 - 2.5)
26th-50th percentile	1.1 (0.5 - 2.4)	0.7 (0.3 - 1.3)	1.4 (0.8 - 2.5)	1.3 (0.6 - 2.8)
51st-75th percentile	1.3 (0.5 - 3.0)	0.8 (0.3 - 1.7)	1.7 (0.9 - 3.1)	1.6 (0.7 - 3.5)
76th-100th percentile	1.4 (0.6 - 3.3)	0.8 (0.3 - 1.9)	1.8 (0.9 - 3.6)	1.7 (0.7 - 3.9)
Rural Location				
Median household income in patient ZIP code				
0-25th percentile	1.1 (0.3 - 4.1)	0.6 (0.2 - 2.3)	1.3 (0.4 - 4.1)	1.2 (0.3 - 4.8)
26th-50th percentile	1.2 (0.3 - 4.6)	0.7 (0.2 - 2.5)	1.5 (0.5 - 4.7)	1.4 (0.4 - 5.4)
51st-75th percentile	1.4 (0.3 - 5.7)	0.8 (0.2 - 3.2)	1.7 (0.5 - 5.8)	1.6 (0.4 - 6.7)
76th-100th percentile	1.5 (0.4 - 6.1)	0.9 (0.2 - 3.4)	1.9 (0.5 - 6.3)	1.7 (0.4 - 7.2)

No adjusted odds ratios differ significantly from 1 at $p < .05$. Ratios are derived from race interaction terms in the multivariate model of ECT availability; see Table 1 for predictors included in the model and sample

Table S2. White versus black adjusted odds ratios of ECT use (with 95% confidence intervals) among inpatient visits for recurrent major depression in US community hospitals offering ECT, by characteristics which significantly interact with race to predict ECT use, 1993-2007

	Hospital Region			
	Northeast	Midwest	South	West
Urban Location				
Male Sex				
Age, in years				
18-34	3.9 (2.7 - 5.6) *	2.9 (1.9 - 4.2) *	2.5 (1.7 - 3.6) *	2.7 (1.6 - 4.4) *
35-44	5.0 (3.7 - 6.7) *	3.6 (2.6 - 5.2) *	3.2 (2.4 - 4.2) *	3.4 (2.1 - 5.5) *
45-54	3.7 (2.7 - 5.2) *	2.7 (1.8 - 4.2) *	2.4 (1.7 - 3.2) *	2.6 (1.6 - 4.1) *
55-64	3.8 (2.5 - 5.7) *	2.8 (1.8 - 4.4) *	2.4 (1.6 - 3.6) *	2.6 (1.5 - 4.4) *
65-74	3.7 (2.7 - 5.3) *	2.7 (1.8 - 4.1) *	2.4 (1.7 - 3.3) *	2.6 (1.6 - 4.2) *
75 and older	2.5 (1.7 - 3.7) *	1.8 (1.2 - 2.8) *	1.6 (1.1 - 2.4) *	1.7 (1.0 - 2.9) *
Female Sex				
Age, in years				
18-34	2.8 (2.1 - 3.8) *	2.1 (1.5 - 2.9) *	1.8 (1.3 - 2.4) *	1.9 (1.2 - 3.1) *
35-44	3.6 (2.7 - 4.7) *	2.6 (1.9 - 3.7) *	2.3 (1.7 - 3.0) *	2.5 (1.5 - 4.0) *
45-54	2.7 (2.0 - 3.6) *	2.0 (1.3 - 2.9) *	1.7 (1.3 - 2.2) *	1.8 (1.1 - 3.0) *
55-64	2.7 (1.9 - 3.8) *	2.0 (1.3 - 2.9) *	1.7 (1.2 - 2.4) *	1.9 (1.1 - 3.1) *
65-74	2.7 (2.0 - 3.7) *	2.0 (1.4 - 2.8) *	1.7 (1.3 - 2.3) *	1.8 (1.1 - 3.0) *
75 and older	1.8 (1.3 - 2.5) *	1.3 (0.9 - 1.9)	1.1 (0.8 - 1.6)	1.2 (0.7 - 2.1)
Rural Location				
Male Sex				
Age, in years				
18-34	2.5 (1.0 - 6.1) *	1.8 (0.7 - 4.6) *	1.6 (0.7 - 3.8)	1.7 (0.7 - 4.5)
35-44	3.2 (1.4 - 7.4) *	2.3 (1.0 - 5.5)	2.0 (0.9 - 4.5)	2.2 (0.9 - 5.5)
45-54	2.4 (1.0 - 5.7) *	1.8 (0.7 - 4.4)	1.5 (0.7 - 3.4)	1.7 (0.7 - 4.2)
55-64	2.5 (1.0 - 5.9) *	1.8 (0.7 - 4.4)	1.6 (0.7 - 0.7)	1.7 (0.7 - 4.3)
65-74	2.4 (1.0 - 5.6) *	1.8 (0.7 - 4.2)	1.5 (0.7 - 3.4)	1.7 (0.7 - 4.2)
75 and older	1.6 (0.6 - 4.1) *	1.2 (0.5 - 3.0)	1.0 (0.4 - 2.5)	1.1 (0.4 - 3.0)
Female Sex				
Age, in years				
18-34	1.8 (0.8 - 4.3) *	1.3 (0.6 - 3.2)	1.2 (0.5 - 2.6)	1.2 (0.5 - 3.2)
35-44	2.3 (1.0 - 5.2) *	1.7 (0.7 - 3.9)	1.5 (0.7 - 3.2)	1.6 (0.6 - 4.0)
45-54	1.7 (0.8 - 4.0)	1.3 (0.5 - 3.1)	1.1 (0.5 - 2.4)	1.2 (0.5 - 3.0)
55-64	1.8 (0.8 - 4.1)	1.3 (0.5 - 3.0)	1.1 (0.5 - 2.5)	1.2 (0.5 - 3.0)
65-74	1.7 (0.8 - 3.9)	1.3 (0.6 - 2.9)	1.1 (0.5 - 2.4)	1.2 (0.5 - 3.0)
75 and older	1.2 (0.5 - 2.8)	0.8 (0.3 - 2.1)	0.7 (0.3 - 1.8)	0.8 (0.3 - 2.2)

*Adjusted odds ratios significantly different from 1 at $p < .05$. Ratios are derived from race interaction terms in multivariate model of ECT use; see Table 3 for predictors included in the model and sample characteristics.