

Supplemental Table 1. Unadjusted Odds Ratios of Hospitalizations for ACSC and Non-ACSC Among Community-Dwelling Dementia Patients (N=1,186)

	ACSC Hospitalizations		Non-ACSC Hospitalizations	
	Unadjusted		Unadjusted	
	Odds Ratio	95% CI	Odds Ratio	95% CI
County rurality				
Rural (non-core)	1.99**	(1.21 - 3.25)	1.4	(0.93 - 2.10)
Micropolitan	0.99	(0.60 - 1.66)	1.08	(0.73 - 1.61)
Small Metropolitan	0.81	(0.54 - 1.21)	0.84	(0.61 - 1.14)
Large Metropolitan (reference)				
Predisposing characteristics				
CG age in years	0.98**	(0.96 - 0.99)	0.99	(0.98 - 1.00)
CG Race				
White (reference)				
African-American	1.29	(0.84 - 2.00)	1.13	(0.81 - 1.57)
Relationship to care-recipient				
CG is wife (reference)	0.54*	(0.31 - 0.94)	0.68	(0.41 - 1.12)
CG is daughter or sister				
CG education in years	0.96	(0.89 - 1.03)	0.99	(0.94 - 1.04)
CR age in years	1.03	(1.00 - 1.07)	1.02	(1.00 - 1.04)
CR medical need characteristics				
ADL limitations	1.22**	(1.15 - 1.29)	1.09**	(1.05 - 1.13)
Behavioral disturbance	1.02*	(1.00 - 1.03)	1.02**	(1.01 - 1.03)
Charlson comorbidity index	1.23**	(1.13 - 1.33)	1.12**	(1.04 - 1.20)
Count of comorbid conditions	1.23**	(1.15 - 1.31)	1.10**	(1.05 - 1.15)
Enabling characteristics				
CG perceived financial adequacy	0.84	(0.61 - 1.14)	0.76*	(0.60 - 0.95)
CR health insurance				

Any private or Medicaid	0.78	(0.50 - 1.23)	1.19	(0.88 - 1.60)
Medicare only	1.16	(0.48 - 2.80)	1.99*	(1.08 - 3.64)
Medicare + VA	1.05	(0.62 - 1.76)	1.21	(0.87 - 1.67)
VA only (reference)				
CG instrumental social support	1.00	(0.98 - 1.02)	0.98*	(0.97 - 1.00)
CG emotional social support	0.99	(0.96 - 1.03)	0.96**	(0.93 - 0.99)
CG limitations from comorbidities	1.03	(0.99 - 1.07)	1.02	(0.99 - 1.06)
CG CES-D	1.01	(0.97 - 1.05)	1.01	(0.98 - 1.04)
County-level Enabling Indicators				
Primary care shortage area				
Yes	1.24	(0.85 - 1.82)	1.07	(0.80 - 1.43)
No (reference)				
Community health clinic in county				
Yes	0.57**	(0.40 - 0.80)	0.93	(0.69 - 1.25)
No (reference)				
Distance to nearest VA medical center (miles)	1.01*	(1.00 - 1.02)	1.01	(.99 - 1.01)

* significant at 5%; ** significant at 1%

ACSH=Hospitalization for an Ambulatory Care Sensitive Condition; N/A = Not Applicable; CG=caregiver; CR=care-recipient; VA=Veterans Administration; CES-D=Center for Epidemiologic Studies Depression Scale;