

Supplemental Table S1: Inpatient Admissions and Emergency Room Visits Among Medicare Beneficiaries Residing in Assisted Living Communities: by Race/Ethnicity and Dual Status

VARIABLES	Inpatient Admissions Odds Ratio (SE)			Emergency Room Visits Odds Ratio (SE)		
	Base Model	Adjusted	Adjusted+Fixed Effects	Base Model	Adjusted	Adjusted+Fixed Effects
Ref: White Non-Dual						
White Dual	1.401*** (0.0227)	1.017 (0.0182)	1.030 (0.0235)	1.584*** (0.0239)	1.253*** (0.0206)	1.117*** (0.0233)
Black Non-Dual	0.668*** (0.0221)	0.930** (0.0322)	0.892*** (0.0372)	0.685*** (0.0203)	1.078** (0.0337)	1.037 (0.0396)
Black Dual	1.315*** (0.0435)	0.937* (0.0336)	0.906** (0.0390)	1.537*** (0.0468)	1.304*** (0.0457)	1.140*** (0.0453)
Hispanic Non-Dual	0.583*** (0.0262)	0.956 (0.0452)	1.012 (0.0559)	0.516*** (0.0187)	0.877*** (0.0331)	0.981 (0.0439)
Hispanic Dual	1.490*** (0.0552)	1.055 (0.0417)	1.044 (0.0521)	1.380*** (0.0485)	1.078* (0.0427)	1.215*** (0.0595)
Age		1.007*** (0.000742)	1.006*** (0.000821)		1.008*** (0.000651)	1.007*** (0.000726)
Female (ref: Male)		1.043*** (0.0128)	1.041*** (0.0136)		1.106*** (0.0120)	1.095*** (0.0126)
Number of chronic conditions		1.110*** (0.00273)	1.113*** (0.00292)		1.103*** (0.00256)	1.106*** (0.00271)
Diagnoses (1):						
ADRD		1.358*** (0.0155)	1.369*** (0.0168)		1.321*** (0.0133)	1.347*** (0.0144)
COPD		1.176*** (0.0133)	1.177*** (0.0142)		1.111*** (0.0113)	1.099*** (0.0119)
CHF		1.436*** (0.0172)	1.449*** (0.0184)		1.207*** (0.0131)	1.201*** (0.0137)
Diabetes		0.878*** (0.0100)	0.872*** (0.0106)		0.875*** (0.00892)	0.879*** (0.00954)
Mobility impairment		0.953*** (0.0153)	0.942*** (0.0162)		0.893*** (0.0138)	0.882*** (0.0145)
Atrial fibrillation		1.245*** (0.0139)	1.241*** (0.0147)		1.160*** (0.0123)	1.154*** (0.0128)
Cataracts		0.707*** (0.0114)	0.704*** (0.0124)		0.831*** (0.0120)	0.821*** (0.0128)
Chronic kidney disease		1.638*** (0.0190)	1.633*** (0.0201)		1.296*** (0.0132)	1.274*** (0.0137)
Ischemic heart disease		1.018	1.003		1.021*	1.033***

		(0.0137)	(0.0142)		(0.0115)	(0.0124)
Osteoporosis		0.968***	0.969**		0.946***	0.958***
		(0.0117)	(0.0124)		(0.0101)	(0.0108)
Rheumatoid arthritis		0.890***	0.897***		1.058***	1.071***
		(0.0135)	(0.0145)		(0.0137)	(0.0148)
Stroke (in CY2018)		2.540***	2.576***		2.285***	2.326***
		(0.0437)	(0.0471)		(0.0413)	(0.0443)
Cancer		1.000	1.000		0.967***	0.968***
		(0.0121)	(0.0127)		(0.0104)	(0.0110)
Anemia		1.313***	1.283***		1.083***	1.099***
		(0.0211)	(0.0217)		(0.0135)	(0.0145)
Hypertension		1.305***	1.227***		1.226***	1.166***
		(0.0367)	(0.0363)		(0.0238)	(0.0244)
Hypotension		0.857***	0.869***		0.890***	0.910***
		(0.00910)	(0.00988)		(0.00849)	(0.00919)
Anxiety/depression		0.945***	0.929***		1.043***	1.026**
		(0.0130)	(0.0136)		(0.0123)	(0.0128)
Mental illness (2)		0.828***	0.830***		0.876***	0.873***
		(0.0117)	(0.0127)		(0.0116)	(0.0123)
Drug abuse		0.856***	0.851***		0.882***	0.853***
		(0.0173)	(0.0185)		(0.0169)	(0.0174)
Obesity		0.976**	0.968**		0.954***	0.937***
		(0.0118)	(0.0126)		(0.0106)	(0.0111)
Peripheral vascular disease		1.001	0.986		0.976**	0.998
		(0.0113)	(0.0119)		(0.00994)	(0.0110)
Number of Observations	255,564	255,564	230,547	255,564	255,564	239,191

Note: \*\*\*p<0.01, \*\*p<0.05, \*p<0.1  
Clustered standard error in parentheses

- (1) Unless otherwise noted chronic conditions refer to diagnoses ever made.
- (2) Schizophrenia, psychosis, bipolar disorders.

Supplemental Table S2: Nursing Home Placement and 30-Day Hospital Readmission Among Medicare Beneficiaries Residing in Assisted Living Communities: by Race/Ethnicity and Dual Status

VARIABLES	Nursing Home Placement Odds Ratio (SE)			30 Day Hospital Readmission Odds Ratio (SE)		
	Base Model	Adjusted	Adjusted+Fixed Effects	Base Model	Adjusted	Adjusted+Fixed Effects
Ref: White Non-Dual						
White Dual	3.224*** (0.0893)	2.379*** (0.0763)	1.544*** (0.0676)	1.159*** (0.0303)	0.846*** (0.0253)	0.854*** (0.0381)
Black Non-Dual	0.936 (0.0698)	1.232*** (0.0936)	1.355*** (0.128)	1.067 (0.0724)	0.949 (0.0660)	0.989 (0.0879)
Black Dual	3.088*** (0.162)	2.208*** (0.125)	1.604*** (0.118)	1.296*** (0.0724)	0.866** (0.0522)	0.854* (0.0709)
Hispanic Non-Dual	0.602*** (0.0704)	0.837 (0.0993)	1.084 (0.147)	1.124 (0.102)	1.041 (0.0948)	0.973 (0.112)
Hispanic Dual	2.579*** (0.186)	1.703*** (0.126)	1.648*** (0.145)	1.600*** (0.101)	1.124* (0.0728)	1.108 (0.101)
Age		1.005*** (0.00145)	1.009*** (0.00169)		0.986*** (0.00132)	0.988*** (0.00161)
Female (ref: Male)		0.986 (0.0227)	0.986 (0.0251)		0.900*** (0.0202)	0.902*** (0.0229)
Number of chronic conditions		1.001 (0.00375)	1.011*** (0.00412)		1.035*** (0.00440)	1.032*** (0.00501)
Diagnoses (1):						
ADRD		2.682*** (0.0793)	2.901*** (0.0905)		1.101*** (0.0245)	1.116*** (0.0281)
COPD		0.990 (0.0244)	0.976 (0.0264)		1.102*** (0.0239)	1.101*** (0.0270)
CHF		1.172*** (0.0307)	1.145*** (0.0323)		1.244*** (0.0303)	1.240*** (0.0338)
Diabetes		1.030 (0.0251)	1.053* (0.0285)		0.952** (0.0205)	0.948** (0.0227)
Mobility impairment		1.258*** (0.0370)	1.344*** (0.0445)		1.026 (0.0273)	1.022 (0.0310)
Atrial fibrillation					1.168*** (0.0243)	1.181*** (0.0274)
Cataracts					0.901***	0.903***

					(0.0270)	(0.0320)
Chronic kidney disease	1.182***	1.164***			1.300***	1.308***
	(0.0307)	(0.0325)			(0.0316)	(0.0357)
Ischemic heart disease	0.925***	0.900***			1.058**	1.047
	(0.0275)	(0.0287)			(0.0299)	(0.0335)
Osteoporosis					0.978	0.990
					(0.0223)	(0.0252)
Rheumatoid arthritis	1.030	1.020			0.923**	0.883***
	(0.0341)	(0.0366)			(0.0288)	(0.0315)
Stroke (in CY2018)	1.689***	1.671***			1.321***	1.355***
	(0.0515)	(0.0573)			(0.0345)	(0.0400)
Cancer					1.019	1.006
					(0.0231)	(0.0254)
Anemia					1.237***	1.233***
					(0.0458)	(0.0510)
Hypertension					0.941	0.955
					(0.0631)	(0.0746)
Hypotension					0.977	0.975
					(0.0202)	(0.0226)
Anxiety/depression	1.503***	1.506***			0.969	0.961
	(0.0507)	(0.0530)			(0.0266)	(0.0294)
Mental illness (2)	1.313***	1.290***			1.011	1.017
	(0.0352)	(0.0389)			(0.0257)	(0.0293)
Drug abuse					1.037	1.028
					(0.0342)	(0.0386)
Obesity	1.173***	1.146***			1.002	1.007
	(0.0286)	(0.0308)			(0.0225)	(0.0255)
Peripheral vascular disease	1.305***	1.277***			0.947**	0.964
	(0.0354)	(0.0370)			(0.0206)	(0.0242)
Hip fracture (CY2018)	2.955***	3.022***				
	(0.118)	(0.139)				
Pressure ulcers (CY2018)	1.969***	2.212***				
	(0.0499)	(0.0627)				
Number of Observations	255,564	255,564	139,625	79,952	79,952	59,839

Note: \*\*\*p<0.01, \*\*p<0.05, \*p<0.1  
Clustered standard error in parentheses

- (1) Unless otherwise noted chronic conditions refer to diagnoses ever made.
- (2) Schizophrenia, psychosis, bipolar disorder