

# Under Different Roofs? Coresidence With Adult Children and Parents' Mental Health Across Race and Ethnicity Over Two Decades

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**Table A1: Weighted sample descriptive statistics by coresidence with adult children in 2018 percent or mean**

	Total (N=22,300)	2018	
		No coresident adult children (N=7,345)	Coresident adult child(ren) (N=2,458)
Coresident adult child(ren) 1+ wave	48.1		
Race/ethnicity			
White	81.9	83.5	66.9*
Black	10.2	9.4	15.7*
Hispanic	7.9	7.1	17.3*
Age (35-99 in 1998)		72.0	70.0*
Foreign-born	8.4	7.5	15.6*
Female	53.5	51.3	54.4*
Years of education (0-17)	12.78	13.49	12.56*
Income quartile (1-4)		2.72	2.52*
Employed		32.2	38.7*
Married/partnered		66.4	58.2*
Urban residence		38.9	48.5*
Number of adult children		2.86	3.26*
Average age of adult children		44.06	40.69*
Single adult child(ren)		58.3	90.1*
Non-parent adult child(ren)		52.1	74.0*
Non-working adult child(ren)		32.9	51.4*
Depressive symptoms (0-8)		1.23	1.43*
Activities of daily living (0-5)		.33	.39

Notes: Sample consists of respondents with at least one child age 18+ at two+ observation periods from 1998-2018 and valid survey weights. Non-age-eligible respondents received a weight of 0 and are thus not included.

\*= Significantly different from those without coresident adult children in this year,  $p \leq .05$ , two-tailed tests.

**Table A2: Descriptive statistics for 1998 by race/ethnicity in percent or mean (standard deviation)**

	White (N=12,762)	Black (N=2,174)	Hispanic (N=1,292)
Coresident adult child(ren)	19.1	37.0*	46.1*
Age	65.46 (10.16)	63.46* (9.40)	63.10 (9.81)
Age 65+	49.8	38.4*	39.1*
Foreign-born	4.5	5.5*	54.1*
Female	58.6	64.9*	60.5*
Years of education (0-17)	12.71 (2.66)	11.07* (3.43)	8.26* (4.57)
Household quartile (1-4)	2.75 (1.06)	2.13* (1.10)	1.93* (1.03)
Employed	43.7	44.1*	41.3*
Married/partnered	75.3	54.6*	71.2*
Urban residence	39.3	52.4*	51.0*
Number of adult children	3.20 (1.83)	3.86* (2.55)	3.97* (2.61)
Depressive symptoms (0-8)	1.37 (1.79)	2.04* (2.06)	2.50* (2.35)
Activities of daily living (0-5)	.19 (.64)	.38* (.94)	.38* (.95)

\* = Significantly different from White in same year,  $p \leq .05$ , two-tailed tests.

**Table A3: Reported beneficiary of coresident move by race/ethnicity in percent among parents who entered the study in 1998, 2004, and 2010 and gained an adult child household member by their second interview wave**

	White	Black	Hispanic
1998-2000			
<i>N</i>	245	71	46
Beneficiary			
Child	76.3	63.4*	63.0*
Self	1.6	0.0	2.2
Both	13.1	23.9*	21.7
Other	14.3	12.7	23.9
2004-2006			
<i>N</i>	263	85	120
Beneficiary			
Child	68.1	51.8*	57.5*
Self	2.3	5.9*	5.8*
Both	23.2	30.6	35.8*
Other	10.3	21.2*	7.5
2010-2012			
<i>N</i>	368	259	217
Beneficiary			
Child	69.3	52.9*	42.9*
Self	2.5	3.9	4.2
Both	24.5	42.1*	54.4*
Other	6.3	4.6	6.5

\* = Significantly different from White ,  $p \leq .05$ , two-tailed tests.

**Table A4: Odds ratios for significant interactions between predictors and race/ethnicity from mixed effects logistic regressions of coresidence with adult children, 1998-2018 (N=24,753)**

	All ages N=24,753	<Age 65 N=15,325	Age 65+ N=18,379
Age in 1998 * Black	1.035*** (.006)	1.056*** (.012)	1.302 (1.055)
Age in 1998 * Hispanic	.978** (.007)	1.002 (.013)	.969*** (.015)
Female * Black	2.502*** (.386)	2.838*** (.493)	3.113*** (.770)
Foreign*Black	3.142*** (.976)	2.008* (.704)	6.245*** (3.148)
Foreign * Hispanic	1.982** (.467)	1.678 (.471)	1.684 (.615)
Years of education * Black	1.157*** (.029)	1.223*** (.041)	1.251*** (.046)
Years of education * Hispanic	1.073** (.024)	1.054 (.028)	1.161*** (.042)
Second income quartile^ * Black	1.737*** (.179)	1.271 (.195)	2.226*** (.352)
Third income quartile^ * Black	2.181*** (.252)	1.677** (.262)	2.917*** (.566)
Fourth income quartile^ * Black	2.073*** (.275)	1.698** (.287)	3.173*** (.784)
Second income quartile^ * Hispanic	1.485*** (.167)	1.261 (.201)	1.384 (.261)
Third income quartile^ * Hispanic	1.833*** (.250)	1.266 (.223)	2.426*** (.604)
Fourth income quartile^ * Hispanic	1.503* (.258)	1.234 (.250)	1.634* (.599)
Married or partnered ^* Black	2.099*** (.237)	1.457* (.212)	2.442*** (.456)
Married or partnered^ * Hispanic	2.613*** (.351)	1.967*** (.351)	2.234*** (.479)
Urban^ * Black	1.461** (.198)	1.423* (.224)	1.666* (.367)
Urban^ * Hispanic	1.504* (.237)	1.109 (.200)	2.400** (.640)
Activities of daily living limitations^ * Black	.809*** (.036)	.880 (.062)	.767*** (.051)
Activities of daily living limitations ^ * Hispanic	.771*** (.039)	.813** (.062)	.779** (.058)
Depressive symptoms^ * Black	.893*** (.018)	.908*** (.024)	.874*** (.030)
Depressive symptoms^ * Hispanic	.906*** (.019)	.893*** (.024)	.929* (.034)
Number of adult children^ * Black	1.089** (.032)	1.019 (.039)	1.080 (.048)

Number of adult children <sup>^</sup> * Hispanic	1.081*	.990	1.224***
	(.038)	(.043)	(.067)
Av. age of adult children <sup>^</sup> * Black	1.032***	1.071***	.992
	(.006)	(.012)	(.012)
Av. age of adult children <sup>^</sup> * Hispanic	.978**	1.015	.948***
	(.007)	(.014)	(.014)
Single adult child(ren) <sup>^</sup> * Black	.417***	.315***	.579*
	(.064)	(.064)	(.153)
Single adult child(ren) <sup>^</sup> * Hispanic	.716**	.576**	.685
	(.094)	(.098)	(.155)
Non-parent adult child(ren) <sup>^</sup> * Hispanic	1.717***	1.403*	1.959**
	(.200)	(.215)	(.384)
Non-working adult child(ren) <sup>^</sup> * Black	.832*	.786***	.789
	(.064)	(.078)	(.106)
Non-working adult child(ren) <sup>^</sup> * Hispanic	.801*	.818	.784
	(.073)	(.093)	(.129)

Notes: Standard errors in parentheses. ORs for each set of interaction terms are from separate models. All models control for all predictors.

\*=p<.05, \*\*=p<.01, \*\*\*=p<.001

<sup>^</sup>= Time-varying covariate.

**Table A5: Results from linear growth models regressing depressive symptoms on interactions between characteristics of adult children and time, 1998-2018 (N=24,753)**

	Model 1	Model 2	Model 3	Model 4	Model 5
Single coresident adult child(ren)^	.148*** (.033)				
Single coresident adult child(ren)^* Time	-.018*** (.004)				
Non-parent coresident adult child(ren)^		.033 (.031)			
Non-parent coresident adult child(ren)^ * Time		-.012** (.004)			
Non-working coresident adult child(ren)^			.193*** (.034)		
Non-working coresident adult child(ren)^ * Time			-.020*** (.005)		
Cores. child contributes to household^				.090** (.030)	
Cores. child contributes to household^ * Time				-.025*** (.004)	
Cores. child helps with functional limitations^					.445*** (.064)
Cores. child helps with functional limitations^ * Time					-.045*** (.010)

Notes: Standard errors in parentheses. All models include all predictors.

\*=p<.05, \*\*=p<.01, \*\*\*=p<.001

^= Time-varying covariate.

**Table A6: Fixed effects from linear growth models regressing depressive symptoms on coresidence with adult children by race/ethnicity and age group, 1998-2018**

	White				Black				Hispanic			
	< Age 65 (N=9,722)		Age 65+ (N=13,791)		< Age 65 (N=3,281)		Age 65+ (N=2,809)		< Age 65 (N=2,322)		Age 65+ (N=1,779)	
Cores. adult child(ren)^	.053*	.115	.039	-.041	-.039	-.118	-.078*	-.155	-.127	-.281**	-.007	-.020
	(.021)	(.058)	(.021)	(.046)	(.037)	(.104)	(.039)	(.094)	(.050)	(.100)	(.056)	(.114)
Single cores. adult child(ren)^		-.027		.083		.100		.119		.154		-.059
		(.057)		(.044)		(.100)		(.082)		(.092)		(.095)
Non-parent cores. adult child^		-.118**		-.002		-.077		-.058		-.036		.062
		(.044)		(.039)		(.062)		(.068)		(.080)		(.094)
Non-working cores. adult child^		.114**		.050		.150**		.109		.099		.067
		(.035)		(.035)		(.055)		(.059)		(.061)		(.081)
Cores. child contributes to hh^		.010		-.058		-.089		-.080		-.017		-.036
		(.035)		(.033)		(.055)		(.060)		(.064)		(.085)
Cores. child helps with FLs ^		.305**		.268***		.373***		.066		.167		-.005
		(.089)		(.046)		(.097)		(.079)		(.115)		(.106)

Note: Standard errors in parentheses.

\*=p<.05, \*\*=p<.01, \*\*\*=p<.001

^= Time-varying covariate.

**Table A7: Fixed effects from linear growth models regressing depressive symptoms from 2000-2018 on coresidence with adult children and depressive symptoms in 1998**

	All ages (N=6,833)		Under 65 (N=3,594)		Age 65+ (N=6,234)		White (N=5,320)		Black (N=902)		Hispanic (N=594)	
Depressive symptoms 1998	.397***	.396***	.398***	.397***	.380***	.381***	.400***	.402***	.403***	.399***	.359***	.359***
	(.008)	(.008)	(.012)	(.012)	(.009)	(.009)	(.009)	(.009)	(.020)	(.020)	(.026)	(.026)
Coresident adult child(ren) 1998	-.023	-.190*	-.020	-.085	-.034	-.259*	-.000	-.058	-.052	-.298	-.130	-.542*
	(.033)	(.094)	(.047)	(.139)	(.037)	(.104)	(.038)	(.115)	(.080)	(.253)	(.122)	(.267)
Single cores. adult child(ren) 1998		.042		-.095		.166		-.094		.148		.336
		(.092)		(.137)		(.101)		(.113)		(.258)		(.234)
Non-parent cores. adult child(ren) 1998		.179**		.229**		.060		.180**		.059		.220
		(.057)		(.079)		(.065)		(.068)		(.131)		(.192)
Non-working cores. adult child(ren) 1998		.115		.044		.120		.161*		.201		-.077
		(.059)		(.079)		(.067)		(.074)		(.132)		(.173)
Cores. child contributes to hh 1998		.020		.026		.018		.010		.016		.105
		(.055)		(.077)		(.063)		(.069)		(.122)		(.171)
Cores. child helps with limitations 1998		.320*		.433*		.319*		.393*		.358		.346
		(.140)		(.207)		(.154)		(.195)		(.291)		(.331)

Notes: Standard errors in parentheses. All models include time-varying income, employment and marital status, urban residence, number of adult children, activities of daily living limitations, and average age of adult children.

\*=p<.05, \*\*=p<.01, \*\*\*=p<.001

^= Time-varying