

S1 Table. Interaction Effects Between Sickle Cell Disease Status and SES in Multivariate Regression Models

Outcome	Interactions (SCD*SES)	Medical Conditions (past 12 months)					
		Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t	[95%Conf. Interval]
Anemia	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	1.72	0.75	1.24	0.216	(0.73,4.04)
	Age	<3	-	-	-	-	-
		3-5	Reference	Reference	Reference	Reference	Reference
		6-10	1.55	1.11	0.61	0.539	(0.38,6.31)
		11-17	1.13	0.79	0.18	0.860	(0.29,4.47)
	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference
		High school/GED	0.92	0.76	-0.10	0.918	(0.18,4.69)
		> High school	1.47	0.96	0.59	0.558	(0.41,5.27)
	Region	Northeast	Reference	Reference	Reference	Reference	Reference
		Midwest	0.30	0.24	-1.51	0.132	(0.06,1.44)
		South	0.53	0.39	-0.87	0.384	(0.13,2.22)
		West	0.75	0.77	-0.28	0.777	(0.10,5.62)
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
		100 to < 200	1.26	0.83	0.36	0.720	(0.35,4.55)
		≥ 200	0.93	0.75	-0.09	0.932	(0.19,4.52)
	Race	Other	Reference	Reference	Reference	Reference	Reference
		African American	0.21	0.12	-2.64	0.008	(0.07, 0.67)
	Public Insurance Coverage	No	Reference	Reference	Reference	Reference	Reference
		Yes	0.46	0.53	-0.67	0.501	(0.05,4.40)
Private Insurance		No	Reference	Reference	Reference	Reference	Reference
		Yes	2.30	2.65	0.72	0.470	(0.24,22.02)
Other Insurance		No	Reference	Reference	Reference	Reference	Reference
		Yes	1.19	1.40	0.15	0.889	(0.12,11.93)
No Insurance Coverage	No	Reference	Reference	Reference	Reference	Reference	
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t	[95%Conf. Interval]
Respiratory Allergies	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	1.05	0.61	0.09	0.932	(0.33,3.31)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5					
		6-10	1.05	0.74	0.07	0.944	(0.26,4.22)
		11-17	0.48	0.30	-1.15	0.249	(0.14,1.67)
	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference
High school/GED		1.27	1.07	0.28	0.778	(0.24,6.68)	
> High school		2.36	2.03	1.00	0.318	(0.44,12.73)	

	Region	Northeast	Reference	Reference	Reference	Reference	Reference
		Midwest	0.94	0.91	-0.06	0.951	(0.14,6.28)
		South	0.53	0.54	-0.62	0.535	(0.07,4.02)
		West	0.13	0.19	-1.37	0.170	(0.01,2.42)
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
		100 to < 200	0.47	0.40	-0.88	0.377	(0.09,2.53)
		≥ 200	0.56	0.64	-0.51	0.611	(0.06,5.16)
	Race	Other	Reference	Reference	Reference	Reference	Reference
		African American	0.63	0.51	-0.56	0.573	(0.13,3.13)
	Public Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	0.67	0.75	-0.36	0.722	(0.08,5.96)
	Private Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	0.29	0.40	-0.90	0.366	(0.02,4.24)
	Other Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	0.03	0.04	-2.77	0.006	(0.00,0.37)
	No Insurance Coverage	No	Reference	Reference	Reference	Reference	Reference
		Yes	5.37	7.00	1.29	0.198	(0.41,69.45)
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t 	[95%Conf. Interval]
Food/Digestive Allergies	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	0.34	0.31	-1.17	0.24	(0.05,2.07)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5	-	-	-	-	-
		6-10	0.30	0.32	-1.12	0.262	(0.04,2.48)
		11-17	0.16	0.17	-1.72	0.086	(0.02, 1.29)
		Maternal Education	< High school	Reference	Reference	Reference	Reference
		High school/GED	11.51	20.87	1.35	0.178	(0.33,404.71)
		> High school	12.56	22.66	1.40	0.161	(0.36,433.34)
	Region	Northeast	Reference	Reference	Reference	Reference	Reference
		Midwest	0.18	0.19	-1.65	0.100	(0.02,1.40)
		South	0.16	0.17	-1.72	0.085	(0.02,1.29)
		West	0.76	1.34	-0.16	0.875	(0.02,24.29)
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
		100 to < 200	0.77	0.87	-0.23	0.815	(0.08,7.16)
		≥ 200	0.06	0.08	-1.90	0.058	(0.00,1.10)
	Race	Other	Reference	Reference	Reference	Reference	Reference
African American		0.21	0.18	-1.86	0.06	(0.04,1.09)	

	Public Insurance	No	Reference	Reference	Reference	Reference	Reference
	Private Insurance	Yes	0.88	0.75	-0.15	0.881	(0.17,4.65)
	Other Insurance	No	Reference	Reference	Reference	Reference	Reference
	Other Insurance	Yes	3.60	4.10	1.13	0.261	(0.39,33.61)
	Other Insurance	No	Reference	Reference	Reference	Reference	Reference
	Other Insurance	Yes	0.08	0.10	-2.09	0.037	(0.01,0.85)
	No Insurance Coverage	No	Reference	Reference	Reference	Reference	Reference
	No Insurance Coverage	Yes	7.10	10.12	1.38	0.169	(0.43,116.38)
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t 	[95%Conf. Interval]
Frequent severe headaches/migraines	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	0.69	0.44	-0.58	0.559	(0.20,2.42)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5	-	-	-	-	-
		6-10	0.44	0.52	-0.70	0.487	(0.04,5.54)
		11-17	0.25	0.32	-1.09	0.278	(0.02,3.03)
	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference
		High school/GED	1.24	1.55	0.17	0.864	(0.11,14.48)
		> High school	2.14	1.84	0.89	0.375	(0.40,11.54)
	Region	Northeast	Reference	Reference	Reference	Reference	Reference
		Midwest	0.39	0.35	-1.05	0.296	(0.07,2.28)
		South	0.50	0.42	-0.83	0.404	(0.10,2.56)
		West	0.21	0.26	-1.28	0.202	(0.02,2.30)
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
		100 to <200	0.56	0.57	-0.57	0.570	(0.08,4.13)
		≥ 200	1.42	1.30	0.38	0.705	(0.23,8.63)
	Race	Other American	Reference	Reference	Reference	Reference	Reference
		African American	0.25	0.19	-1.80	0.072	(0.06,1.13)
	Public Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	0.43	0.68	-0.53	0.596	(0.02,9.88)
	Private Insurance	No	Reference	Reference	Reference	Reference	Reference
Yes		0.40	0.58	-0.63	0.530	(0.02,7.18)	
Other Insurance	No	Reference	Reference	Reference	Reference	Reference	
	Yes	2.44	3.50	0.62	0.535	(0.15,40.95)	
No Insurance Coverage	No	Reference	Reference	Reference	Reference	Reference	
	Yes	0.52	0.99	-0.34	0.733	(0.01,21.58)	
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t 	[95%Conf. Interval]
Three or more ear infection	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	0.21	0.28	-1.19	0.235	(0.02,2.78)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5	-	-	-	-	-
		6-10	0.35	0.98	-0.38	0.707	(0.00,78.82)
		11-17	0.19	0.41	-0.79	0.432	(0.00,11.66)

Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference
	High school/GED	0.76	0.85	-0.25	0.803	(0.08,6.90)
	> High school	-	-	-	-	-
Region	Northeast	Reference	Reference	Reference	Reference	Reference
	Midwest	0.10	0.09	-2.53	0.012	(0.02,0.59)
	South	-	-	-	-	-
	West	-	-	-	-	-
Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
	100 to < 200	1.11	2.04	0.06	0.955	(0.03,41.24)
	≥ 200	-	-	-	-	-
Race	Other	Reference	Reference	Reference	Reference	Reference
	African American	0.05	0.10	-1.60	0.109	(0.00,1.93)
Public Insurance	No	Reference	Reference	Reference	Reference	Reference
	Yes	0.72	1.32	-0.18	0.856	(0.02,26.31)
Private Insurance	No	Reference	Reference	Reference	Reference	Reference
	Yes	2.15	6.00	0.27	0.784	(0.01,513.75)
Other Insurance	No	Reference	Reference	Reference	Reference	Reference
	Yes	0.35	0.72	-0.51	0.609	(0.01,19.41)
No Insurance Coverage	No	Reference	Reference	Reference	Reference	Reference
	Yes	-	-	-	-	-

Healthcare utilization

Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t	[95%Conf. Interval]
Took prescription medication for at least three months	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	2.95	0.14	-2.58	0.010	(0.12,0.75)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5	0.24	0.17	-2.06	0.040	(0.06,0.94)
		6-10	1.69	1.15	0.78	0.437	(0.45,6.39)
		11-17	0.13	0.08	-3.27	0.001	(0.04,0.44)
	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference
		High school/GED	0.42	0.30	-1.22	0.223	(0.11,1.69)
		> High school	1.13	0.70	0.19	0.846	(0.34,3.79)
	Region	Northeast	Reference	Reference	Reference	Reference	Reference
		Midwest	0.77	0.61	-0.33	0.744	(0.17,3.60)
		South	0.73	0.57	-0.40	0.688	(0.16,3.42)
		West	0.90	0.94	-0.10	0.923	(0.12,6.92)
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
		100 to < 200	0.88	0.53	-0.21	0.835	(0.27,2.89)
		≥ 200	0.64	0.45	-0.63	0.529	(0.16,2.53)
Race	Other	Reference	Reference	Reference	Reference	Reference	
	African American	2.91	1.68	1.85	0.065	(0.94,9.04)	

	Public Insurance	No	Reference	Reference	Reference	Reference	Reference
	Private Insurance	Yes	1.03	0.86	0.04	0.972	(0.20,5.35)
	Other Insurance	No	Reference	Reference	Reference	Reference	Reference
	Other Insurance	Yes	1.56	1.51	0.46	0.643	(0.24,10.40)
	Other Insurance	No	Reference	Reference	Reference	Reference	Reference
	Other Insurance	Yes	1.73	1.82	0.52	0.601	(0.22,13.62)
	No Insurance	No	Reference	Reference	Reference	Reference	Reference
	No Insurance	Yes	3.31	3.39	1.17	0.243	(0.44,24.71)
	Coverage						
How many times have you seen a doctor (past 12 months)							
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t	[95%Conf. Interval]
# of Doctors visit: none	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	52.70	139.47	1.50	0.134	(0.30,9497.22)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5	0.01	0.02	-1.77	0.077	(0.00,1.70)
		6-10	-	-	-	-	-
		11-17	-	-	-	-	-
	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference
		High school/GED	52.17	103.97	1.98	0.048	(1.04,2606.64)
		> High school	126.35	296.95	2.06	0.040	(1.25,12731.69)
	Region	Northeast	Reference	Reference	Reference	Reference	Reference
		Midwest	0.11	0.09	-2.71	0.007	(0.02,0.55)
		South	-	-	-	-	-
		West	-	-	-	-	-
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
		100 to <200	4.34	7.66	0.83	0.405	(0.14,138.40)
		≥ 200	-	-	-	-	-
	Race	Other	Reference	Reference	Reference	Reference	Reference
		African American	-	-	-	-	-
	Public Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	-	-	-	-	-
	Private Insurance	No	Reference	Reference	Reference	Reference	Reference
Yes		-	-	-	-	-	
Other Insurance	No	Reference	Reference	Reference	Reference	Reference	
	Yes	-	-	-	-	-	
No Insurance	No	Reference	Reference	Reference	Reference	Reference	
	Yes	-	-	-	-	-	
	Coverage						
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t	[95%Conf. Interval]
# of Doctors visit: 1-5	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	0.89	0.41	-0.25	0.802	(0.36,2.18)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5	0.73	0.48	-0.48	0.628	(0.20,2.66)
		6-10	0.76	0.51	-0.41	0.678	(0.20,2.83)
		11-17	1.32	0.76	0.48	0.632	(0.42,4.11)

	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference
		High school/GED	0.69	0.41	-0.62	0.535	(0.22,2.21)
		> High school	0.44	0.25	-1.43	0.153	(0.14,1.36)
	Region	Northeast	Reference	Reference	Reference	Reference	Reference
		Midwest	3.42	2.41	1.75	0.081	(0.86,13.63)
		South	3.82	2.42	2.12	0.034	(1.10,13.24)
		West	2.64	2.84	0.90	0.368	(0.32,21.88)
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
		100 to < 200	0.32	0.18	-1.99	0.046	(0.10,0.98)
		≥ 200	0.34	0.23	-1.57	0.118	(0.09,1.32)
	Race	Other	Reference	Reference	Reference	Reference	Reference
		African American	1.14	0.69	0.21	0.834	(0.34,3.75)
	Public Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	0.51	0.44	-0.77	0.440	(0.09,2.82)
	Private Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	2.43	2.37	0.91	0.364	(0.36,16.46)
	Other Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	0.63	0.60	-0.49	0.627	(0.10,4.10)
	No Insurance Coverage	No	Reference	Reference	Reference	Reference	Reference
		Yes	0.89	0.97	-0.11	0.916	(0.10,7.56)
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t	[95%Conf. Interval]
# of Doctors visit: 6-9	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	1.31	0.76	0.46	0.642	(0.42,4.08)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5	4.58	3.24	2.15	0.032	(1.14,18.39)
		6-10	9.19	6.56	3.11	0.002	(2.26,37.29)
		11-17	2.59	1.84	1.34	0.180	(0.64,10.44)
	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference
		High school/GED	0.85	0.62	-0.23	0.822	(0.20,3.60)
		> High school	0.51	0.34	-0.99	0.322	(0.14,1.92)
	Region	Northeast	Reference	Reference	Reference	Reference	Reference
		Midwest	0.13	0.12	-2.33	0.020	(0.02,0.73)
		South	0.12	0.10	-2.65	0.008	(0.02,0.58)
		West	0.30	0.34	-1.05	0.292	(0.03,2.81)
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
		100 to < 200	2.38	1.61	1.28	0.201	(0.63,9.01)
		≥ 200	3.09	2.42	1.44	0.150	(0.67,14.37)
	Race	Other	Reference	Reference	Reference	Reference	Reference
		African American	0.78	0.58	-0.34	0.734	(0.18,3.36)
	Public	No	Reference	Reference	Reference	Reference	Reference

	Insurance	Yes	2.51	2.14	1.08	0.280	(0.47,13.36)
	Private	No	Reference	Reference	Reference	Reference	Reference
	Insurance	Yes	0.64	0.59	-0.49	0.624	(0.10,3.89)
	Other	No	Reference	Reference	Reference	Reference	Reference
	Insurance	Yes	0.46	0.51	-0.71	0.479	(0.05,4.03)
	No	No	Reference	Reference	Reference	Reference	Reference
	Insurance	Yes	7.40	8.87	1.67	0.096	(0.70,77.88)
	Coverage						
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t	[95%Conf. Interval]
# of Doctors visit: 10-15	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	0.66	0.60	-0.46	0.647	(0.11,3.98)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5	0.34	0.32	-1.16	0.246	(0.05,2.10)
		6-10	0.16	0.15	-1.99	0.047	(0.03,0.97)
		11-17	0.09	0.11	-2.00	0.046	(0.10,0.95)
	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference
		High school/GED	4.14	7.02	0.84	0.402	(0.15,116.44)
		> High school	23.45	42.07	1.76	0.079	(0.69,792.87)
	Region	Northeast	Reference	Reference	Reference	Reference	Reference
		Midwest	2.94	2.84	1.12	0.264	(0.44,19.53)
		South	1.82	1.88	0.57	0.565	(0.24,13.92)
		West	1.27	2.39	0.13	0.898	(0.03,50.96)
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
		100 to < 200	4.31	4.42	1.43	0.153	(0.58,32.22)
		≥ 200	1.59	1.44	0.51	0.608	(0.27,9.40)
	Race	Other	Reference	Reference	Reference	Reference	Reference
		African American	1.42	1.59	0.31	0.758	(0.16,12.90)
	Public Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	0.13	0.14	-1.96	0.051	(0.02,1.01)
		Private	No	Reference	Reference	Reference	Reference
Insurance		Yes	0.27	0.28	-1.28	0.202	(0.04,2.03)
Other		No	Reference	Reference	Reference	Reference	Reference
Insurance		Yes	0.30	0.38	-0.94	0.348	(0.02,3.67)
No		No	Reference	Reference	Reference	Reference	Reference
Insurance	Yes	1.61	2.45	0.31	0.756	(0.08,32.13)	
	Coverage						

Multiple visits to emergency room							
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t	[95%Conf. Interval]
Had surgery or another surgical procedure	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	15.47	16.92	2.51	0.012	(1.81,132.27)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5	1.55	1.68	0.40	0.689	(0.18,13.10)
		6-10	4.29	4.84	1.29	0.196	(0.47,39.24)
		11-17	1.41	1.65	0.30	0.767	(0.14,13.97)
	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference

		High school/GED	6.68	13.58	0.93	0.351	(0.12,361.89)
		> High school	0.45	0.78	-0.46	0.645	(0.01,13.94)
	Region	Northeast	Reference	Reference	Reference	Reference	Reference
		Midwest	0.86	0.72	-0.18	0.861	(0.17,4.46)
		South	-	-	-	-	-
		West	-	-	-	-	-
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
		100 to <200	0.09	0.11	-1.87	0.061	(0.00,1.12)
		≥ 200	21.22	28.16	2.30	0.022	(1.57,287.05)
	Race	Other	Reference	Reference	Reference	Reference	Reference
		Black	0.31	0.32	-1.13	0.258	(0.04,2.34)
	Public Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	<0.01	<0.01	-3.18	0.002	(0.00,0.13)
	Private Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	<0.01	0.01	-3.27	0.001	(0.00,0.10)
	Other Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	0.34	0.80	-0.46	0.645	(0.00,32.74)
	No Insurance Coverage	No	Reference	Reference	Reference	Reference	Reference
		Yes	0.11	0.15	-1.65	0.100	(0.00,1.52)
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t	[95%Conf. Interval]
# of Visits to emergency room:none	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	1.03	0.50	0.05	0.957	(0.39,2.68)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5	0.99	0.70	-0.02	0.985	(0.24,3.98)
		6-10	1.27	0.91	0.34	0.734	(0.32,5.14)
		11-17	5.00	3.62	2.23	0.026	(1.21,20.69)
	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference
		High school/GED	4.33	2.84	2.23	0.026	(1.19,15.70)
		> High school	2.34	1.41	1.42	0.157	(0.72,7.64)
	Region	Northeast	Reference	Reference	Reference	Reference	Reference
		Midwest	1.10	0.83	0.13	0.896	(0.25,4.81)
		South	0.84	0.57	-0.25	0.801	(0.23,3.16)
		West	1.56	1.72	0.41	0.684	(0.18,13.55)
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
		100 to <200	0.47	0.26	-1.38	0.169	(0.16,1.38)
		≥ 200	0.59	0.41	-0.76	0.447	(0.15,2.29)
	Race	Other	Reference	Reference	Reference	Reference	Reference
		Black	0.45	0.31	-1.16	0.245	(0.11,1.74)
	Public Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	0.33	0.35	-1.05	0.293	(0.04,2.60)
	Private Insurance	No	Reference	Reference	Reference	Reference	Reference
	Yes	0.22	0.24	-1.40	0.161	(0.03,1.83)	
Other Insurance	No	Reference	Reference	Reference	Reference	Reference	

	Insurance	Yes	0.87	1.03	-0.12	0.907	(0.09,8.83)
	No	No	Reference	Reference	Reference	Reference	Reference
	Insurance	Yes	0.13	0.16	-1.68	0.094	(0.02,1.41)
	Coverage						
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t	[95%Conf. Interval]
# of Visits to emergency room: 1	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	2.82	1.87	1.56	0.119	(0.77,10.35)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5	0.63	0.53	-0.55	0.584	(0.12,3.23)
		6-10	0.49	0.38	-0.91	0.365	(0.11,2.27)
		11-17	0.51	0.34	-1.00	0.318	(0.14,1.91)
	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference
		High school/GED	0.16	0.11	-2.58	0.010	(0.04,0.65)
		> High school	0.16	0.10	-2.97	0.003	(0.05,0.53)
	Region	Northeast	Reference	Reference	Reference	Reference	Reference
		Midwest	0.05	0.06	-2.46	0.014	(0.01,0.55)
		South	0.18	0.16	-1.89	0.059	(0.03,1.07)
		West	0.02	0.04	-2.03	0.043	(0.00,0.88)
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
		100 to < 200	4.69	3.64	1.99	0.047	(1.02,21.54)
		≥ 200	4.57	4.34	1.60	0.110	(0.71,29.54)
	Race	Other	Reference	Reference	Reference	Reference	Reference
		Black	2.20	1.96	0.89	0.375	(0.38,12.61)
	Public Insurance	No	Reference	Reference	Reference	Reference	Reference
	Private Insurance	Yes	7.90	11.85	1.38	0.169	(0.42,150.18)
	Other Insurance	No	Reference	Reference	Reference	Reference	Reference
Private Insurance	Yes	1.52	2.43	0.26	0.795	(0.06,35.18)	
Other Insurance	No	Reference	Reference	Reference	Reference	Reference	
Private Insurance	Yes	0.67	1.15	-0.23	0.817	(0.023,19.55)	
Other Insurance	No	Reference	Reference	Reference	Reference	Reference	
Private Insurance	Yes	4.62	8.12	0.87	0.385	(0.15,145.95)	
	Coverage						
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t	[95%Conf. Interval]
# of Visits to emergency room: 2-3	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	0.72	0.45	-0.52	0.603	(0.21,2.45)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5	1.84	1.63	0.69	0.490	(0.32,10.48)
		6-10	0.77	0.69	-0.29	0.770	(0.13,4.43)
		11-17	0.45	0.42	-0.85	0.395	(0.07,2.84)
	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference
		High school/GED	0.12	0.12	-2.09	0.037	(0.16,0.88)
		> High school	0.81	0.55	-0.30	0.761	(0.21,3.09)
	Region	Northeast	Reference	Reference	Reference	Reference	Reference
Midwest		4.67	5.49	1.31	0.191	(0.46,46.95)	

		South	2.47	2.70	0.83	0.410	(0.29,21.13)	
		West	6.42	10.10	1.18	0.237	(0.29,140.52)	
Household	<100	Reference	Reference	Reference	Reference	Reference	Reference	
Income (% federal poverty level)	100 to < 200	0.40	0.37	-1.00	0.318		(0.07,2.40)	
	≥ 200	1.15	0.96	0.17	0.863		(0.23,5.91)	
Race	Other	Reference	Reference	Reference	Reference	Reference	Reference	
	Black	2.00	1.58	0.88	0.380		(0.43,9.39)	
Public Insurance	No	Reference	Reference	Reference	Reference	Reference	Reference	
	Yes	0.92	0.99	-0.08	0.936		(0.11,7.60)	
Private Insurance	No	Reference	Reference	Reference	Reference	Reference	Reference	
	Yes	2.68	3.42	0.78	0.437		(0.22,32.54)	
Other Insurance	No	Reference	Reference	Reference	Reference	Reference	Reference	
	Yes	1.90	2.53	0.48	0.632		(0.14,26.00)	
No Insurance Coverage	No	Reference	Reference	Reference	Reference	Reference	Reference	
	Yes	0.74	0.98	-0.23	0.821		(0.06,9.77)	
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t	[95%Conf. Interval]	
# of Visits to emergency room: 4-5	Gender	Female	Reference	Reference	Reference	Reference	Reference	
		Male	0.68	0.47	-0.56	0.576	(0.18,2.62)	
	Age	<3	Reference	Reference	Reference	Reference	Reference	
		3-5	1.67	1.88	0.46	0.648	(0.18,15.21)	
		6-10	0.25	0.43	-0.81	0.417	(0.01,7.15)	
		11-17	0.08	0.11	-1.74	0.083	(0.00,1.40)	
	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference	
		High school/GED	12.04	16.67	1.80	0.073	(0.80,182.30)	
		> High school	1.84	2.56	0.44	0.662	(0.12,28.38)	
	Region	Northeast	Reference	Reference	Reference	Reference	Reference	
		Midwest	30.21	55.77	1.85	0.065	(0.81,1131.97)	
		South	7.38	11.47	1.29	0.199	(0.35,155.83)	
		West	-	-	-	-	-	
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference	Reference
		100 to < 200	10.23	12.70	1.87	0.062	(0.89,117.08)	
		≥ 200	1.21	3.45	0.07	0.947	(0.00,327.10)	
	Race	Other	Reference	Reference	Reference	Reference	Reference	Reference
		Black	0.63	0.81	-0.36	0.720	(0.05,7.73)	
	Public Insurance	No	Reference	Reference	Reference	Reference	Reference	Reference
		Yes	77.03	193.29	1.73	0.084	(0.56,10606.64)	
Private Insurance	No	Reference	Reference	Reference	Reference	Reference	Reference	
	Yes	57.30	114.78	2.02	0.044	(1.12,2921.31)		
Other Insurance	No	Reference	Reference	Reference	Reference	Reference	Reference	
	Yes	-	-	-	-	-		
No Insurance Coverage	No	Reference	Reference	Reference	Reference	Reference	Reference	
	Yes	439.96	1112.70	2.41	0.016	(3.07,62980.07)		
Outcome	Interactions (SCD*SES)	Factor Levels	Odds Ratio	Linearized Std. Err.	t	P> t	[95%Conf. Interval]	

# of Visits to emergency room: 6-16+	Gender	Female	Reference	Reference	Reference	Reference	Reference
		Male	0.18	0.21	-1.47	0.141	(0.02,1.77)
	Age	<3	Reference	Reference	Reference	Reference	Reference
		3-5	0.22	0.44	-0.76	0.446	(0.00,11.09)
		6-10	10.62	10.18	2.47	0.014	(1.62,69.66)
		11-17	0.16	0.29	-1.02	0.310	(0.00,5.51)
	Maternal Education	< High school	Reference	Reference	Reference	Reference	Reference
		High school/GED	0.67	0.71	-0.38	0.707	(0.09,5.28)
		> High school	-	-	-	-	-
	Region	Northeast	Reference	Reference	Reference	Reference	Reference
		Midwest	0.01	0.02	-2.03	0.043	(0.00,0.85)
		South	-	-	-	-	-
		West	-	-	-	-	-
	Household Income (% federal poverty level)	<100	Reference	Reference	Reference	Reference	Reference
		100 to < 200	0.70	0.75	-0.33	0.741	(0.09,5.69)
		≥ 200	0.59	0.63	-0.49	0.625	(0.07,4.85)
	Race	Other	Reference	Reference	Reference	Reference	Reference
		Black	2.24	1.84	0.98	0.329	(0.44,11.29)
	Public Insurance	No	Reference	Reference	Reference	Reference	Reference
		Yes	11.74	25.02	1.16	0.248	(0.18,768.57)
	Private Insurance	No	Reference	Reference	Reference	Reference	Reference
Yes		432.79	939.16	2.80	0.005	(6.12,30616.45)	
Other Insurance	No	Reference	Reference	Reference	Reference	Reference	
	Yes	96.18	243.07	1.81	0.071	(0.67,13720.4)	
No Insurance Coverage	No	Reference	Reference	Reference	Reference	Reference	
	Yes	172.02	423.53	2.09	0.037	(1.37,21587.03)	