

TABLE I-3. (continued)

Exposure Index-by-Covariate Interactions for Psychology Variables

Variable	Interaction (Occupation)	Stratification	Statistic	Exposure Index				Exposure Index Contrast	Adj. Relative Risk (95% C.I.)	p-Value
				Low	Medium	High				
Frightening Dreams (cont.)		High School	n	2	5	3		Overall		0.108
		Born	Number/%							
		1923-1941	Yes	1 50.0%	0 0.0%	0 0.0%	M vs. L	—		0.572
		0-1	No	1 50.0%	5 100.0%	3 100.0%	H vs. L	—		0.800
		Black								
		High School	n	34	19	33		Overall		0.419
		Born	Number/%							
		1923-1941	Yes	3 8.8%	0 0.0%	2 6.1%	M vs. L	—		0.510
		0-1	No	31 91.2%	19 100.0%	31 93.9%	H vs. L	0.67 (0.10,4.27)		0.999
		Nonblack								
		High School	n	4	5	5		Overall		—
		Born	Number/%							
		1923-1941	Yes	0 0.0%	0 0.0%	0 0.0%	M vs. L	—		—
		>1-4	No	4 100.0%	5 100.0%	5 100.0%	H vs. L	—		—
		Nonblack								
		High School	n	2	0	0		Overall		—
		Born	Number/%							
		1923-1941	Yes	1 50.0%	0 —	0 —	M vs. L	—		—
		>4	No	1 50.0%	0 —	0 —	H vs. L	—		—
		Black								
		High School	n	2	1	2		Overall		—
		Born	Number/%							
		1923-1941	Yes	0 0.0%	0 0.0%	0 0.0%	M vs. L	—		—
		>4	No	2 100.0%	1 100.0%	2 100.0%	H vs. L	—		—
		Nonblack								

TABLE I-3. (continued)

Exposure Index-by-Covariate Interactions for Psychology Variables

Variable	Interaction (Occupation)	Stratification	Statistic	Exposure Index				Exposure Index Contrast	Adj. Relative Risk (95% C.I.)	p-Value
				Low	Medium	High				
Frightening Dreams (cont.)		High School	n	3	0	5		Overall		0.750
		Born <1922	Number/%							
		0-1	Yes	1 33.3%	0 —	0 0.0%	M vs. L	—		—
		Nonblack	No	2 66.7%	0 —	5 100.0%	H vs. L	—		0.750
		High School	n	0	1	1		Overall		—
		Born <1922	Number/%							
		>1-4	Yes	0 —	0 0.0%	0 0.0%	M vs. L	—		—
		Nonblack	No	0 —	1 100.0%	1 100.0%	H vs. L	—		—
		College	n	2	1	3		Overall		—
		Born >1942	Number/%							
		0-1	Yes	0 0.0%	0 0.0%	0 0.0%	M vs. L	—		—
		Black	No	2 100.0%	1 100.0%	3 100.0%	H vs. L	—		—
		College	n	18	28	14		Overall		0.173
		Born >1942	Number/%							
		0-1	Yes	0 0.0%	5 17.9%	2 14.3%	M vs. L	—		0.143
		Nonblack	No	18 100.0%	23 82.1%	12 85.7%	H vs. L	—		0.366
		College	n	1	1	2		Overall		—
		Born >1942	Number/%							
		>1-4	Yes	0 0.0%	0 0.0%	0 0.0%	M vs. L	—		—
		Black	No	1 100.0%	1 100.0%	2 100.0%	H vs. L	—		—
		College	n	4	5	3		Overall		0.466
		Born >1942	Number/%							
		>1-4	Yes	0 0.0%	1 20.0%	0 0.0%	M vs. L	—		0.999
		Nonblack	No	4 100.0%	4 80.0%	3 100.0%	H vs. L	—		—

TABLE I-3. (continued)

Exposure Index by Covariate Interactions for Psychology Variables

Variable	Interaction (Occupation)	Stratification	Statistic	Exposure Index			Exposure Index Contrast	Adj. Relative Risk (95% C.I.)	p-Value
				Low	Medium	High			
Frightening Dreams (cont.)		College	n	0	0	1	Overall		—
		Born >1942	Number/%						
		>4	Yes	0 —	0 —	0 0.0%	M vs. L	—	—
		Nonblack	No	0 —	0 —	1 100.0%	H vs. L	—	—
		College	n	0	0	2	Overall		—
		Born	Number/%						
		1923-1941	Yes	0 —	0 —	0 0.0%	M vs. L	—	—
		0-1	No	0 —	0 —	2 100.0%	H vs. L	—	—
		Black							
		College	n	11	3	5	Overall		—
		Born	Number/%						
		1923-1941	Yes	0 0.0%	0 0.0%	0 0.0%	M vs. L	—	—
		0-1	No	11 100.0%	3 100.0%	5 100.0%	H vs. L	—	—
		Nonblack							
		College	n	1	0	1	Overall		—
		Born	Number/%						
		1923-1941	Yes	0 0.0%	0 —	0 0.0%	M vs. L	—	—
		>1-4	No	1 100.0%	0 —	1 100.0%	H vs. L	—	—
		Nonblack							
		College	n	1	0	0	Overall		—
		Born <1922	Number/%						
		0-1	Yes	0 0.0%	0 —	0 —	M vs. L	—	—
		Nonblack	No	1 100.0%	0 —	0 —	H vs. L	—	—

TABLE I-3. (continued)

Exposure Index-by-Covariate Interactions for Psychology Variables

Variable	Interaction (Occupation)	Stratification	Statistic	Exposure Index						Exposure Index Contrast	Adj. Relative Risk (95% C.I.)	p-Value	
				Low		Medium		High					
Talking in Sleep	Exposure Index-by- Current Alcohol Use (Officer)	0-1	n	100		91		96		Overall			0.681
			Number/%										
			Yes	2	2.0%	3	3.3%	4	4.2%	M vs. L	1.67 (0.27,10.23)	0.910	
		>1-4	No	98	98.0%	88	96.7%	92	95.8%	H vs. L	2.13 (0.38,11.91)	0.644	
			n	24		30		26		Overall			0.281
			Number/%										
		>4	Yes	2	8.3%	0	0.0%	2	7.7%	M vs. L	—	0.386	
			No	22	91.7%	30	100.0%	24	92.3%	H vs. L	0.92 (0.12,7.08)	0.999	
			n	4		0		2		Overall			0.666
			Number/%										
			Yes	0	0.0%	0	—	1	50.0%	M vs. L	—	—	
			No	4	100.0%	0	—	1	50.0%	H vs. L	—	0.666	
Talking in Sleep	Exposure Index-by- Current Alcohol Use Exposure Index-by- Age (Enlisted Flyer)	0-1 Born ≥ 1942	n	10		16		10		Overall			0.064
			Number/%										
			Yes	2	20.0%	0	0.0%	0	0.0%	M vs. L	—	0.276	
		0-1 Born 1923-1941	No	8	80.0%	16	100.0%	10	100.0%	H vs. L	—	0.474	
			n	36		33		29		Overall			0.549
			Number/%										
		0-1 Born ≤ 1922	Yes	0	0.0%	1	3.0%	1	3.4%	M vs. L	—	0.956	
			No	36	100.0%	32	97.0%	28	96.6%	H vs. L	—	0.892	
			n	0		1		0		Overall			—
			Number/%										
			Yes	0	—	0	0.0%	0	—	M vs. L	—	—	
			No	0	—	1	100.0%	0	—	H vs. L	—	—	

TABLE I-3. (continued)

Exposure Index by Covariate Interactions for Psychology Variables

Variable	Interaction (Occupation)	Stratification	Statistic	Exposure Index			Exposure Index Contrast	Adj. Relative Risk (95% C.I.)	p-Value
				Low	Medium	High			
Talking in Sleep (cont.)		>1-4	n	5	8	8	Overall		0.426
		Born	Number/%						
		1923-1941	Yes	0 0.0%	1 12.5%	0 0.0%	M vs. L	—	0.999
			No	5 100.0%	7 87.5%	8 100.0%	H vs. L	—	—
		>1-4	n	0	1	0	Overall		—
		Born <1922	Number/%						
			Yes	0 —	0 0.0%	0 —	M vs. L	—	—
			No	0 —	1 100.0%	0 —	H vs. L	—	—
		>4	n	0	1	0	Overall		—
		Born >1942	Number/%						
			Yes	0 —	0 0.0%	0 —	M vs. L	—	—
			No	0 —	1 100.0%	0 —	H vs. L	—	—
		>4	n	2	2	3	Overall		—
		Born	Number/%						
		1923-1941	Yes	0 0.0%	0 0.0%	0 0.0%	M vs. L	—	—
			No	2 100.0%	2 100.0%	3 100.0%	H vs. L	—	—

TABLE I-3. (continued)

Exposure Index-by-Covariate Interactions for Psychology Variables

Variable	Interaction (Occupation)	Stratification	Statistic	Exposure Index						Exposure Index Contrast	Adj. Relative Risk (95% C.I.)	p-Value	
				Low		Medium		High					
Sleep- Walking	Exposure Index-by- Lifetime Alcohol History (Officer)	0	n	10		3		13		Overall		0.595	
			Number/%										
			Yes	0	0.0%	0	0.0%	1	7.7%	M vs. L	—	—	
			No	10	100.0%	3	100.0%	12	92.3%	H vs. L	—	0.999	
			>0-40	n	97		92		80		Overall		0.313
				Number/%									
		Yes		0	0.0%	2	2.2%	2	2.5%	M vs. L	—	0.472	
			No	97	100.0%	90	97.8%	78	97.5%	H vs. L	—	0.406	
			>40	n	21		26		31		Overall		0.498
				Number/%									
		Yes		1	4.8%	1	3.8%	0	0.0%	M vs. L	0.80 (0.05,13.60)	0.999	
			No	20	95.2%	25	96.2%	31	100.0%	H vs. L	—	0.808	
Abnormal Movement/ Activity During the Night	0-1		n	100		91		96		Overall		0.731	
			Number/%										
		Yes	1	1.0%	2	2.2%	1	1.0%	M vs. L	2.23 (0.20,24.96)	0.928		
		No	99	99.0%	89	97.8%	95	99.0%	H vs. L	1.04 (0.06,16.90)	0.999		
		>1-4	n	24		30		26		Overall		0.119	
			Number/%										
	Yes		0	0.0%	0	0.0%	2	7.7%	M vs. L	—	—		
		No	24	100.0%	30	100.0%	24	92.3%	H vs. L	—	0.530		
		>4	n	4		0		2		Overall		—	
			Number/%										
	Yes		0	0.0%	0	—	0	0.0%	M vs. L	—	—		
		No	4	100.0%	0	—	2	100.0%	H vs. L	—	—		

TABLE I-3. (continued)

Exposure Index-by-Covariate Interactions for Psychology Variables

Variable	Interaction (Occupation)	Stratification	Statistic	Exposure Index						Exposure Index Contrast	Adj. Relative Risk (95% C.I.)	p-Value	
				Low		Medium		High					
Snore Loudly in All Sleeping Positions	Exposure Index-by- Age (Enlisted Groundcrew)	Born >1942	n	80		121		76		Overall		0.061	
			Number/%										
			Yes	5	6.3%	14	11.6%	2	2.6%	M vs. L	1.96 (0.68,5.68)	0.310	
			No	75	93.7%	107	88.4%	74	97.4%	H vs. L	0.41 (0.08,2.16)	0.486	
			Born 1923-1941	n	57		33		51		Overall		0.024
				Number/%									
		Yes		1	1.8%	2	6.1%	8	15.7%	M vs. L	3.61 (0.32,41.46)	0.606	
			No	56	98.2%	31	93.9%	43	84.3%	H vs. L	10.42 (1.26,86.50)	0.020	
			Born <1922	n	4		1		6		Overall		0.632
				Number/%									
		Yes		0	0.0%	0	0.0%	1	16.7%	M vs. L	—	—	
			No	4	100.0%	1	100.0%	5	83.3%	H vs. L	—	0.999	
Insomnia	High School		n	40		46		39		Overall		0.977	
			Number/%										
		Yes	9	22.5%	10	21.7%	8	20.5%	M vs. L	0.96 (0.35,2.66)	0.999		
		No	31	77.5%	36	78.3%	31	79.5%	H vs. L	0.89 (0.30,2.60)	0.999		
		College	n	13		16		11		Overall		0.087	
			Number/%										
Yes	0		0.0%	5	31.3%	3	27.3%	M vs. L	—	0.074			
	No	13	100.0%	11	68.7%	8	72.7%	H vs. L	—	0.163			

TABLE I-3. (continued)

Exposure Index-by-Covariate Interactions for Psychology Variables

Variable	Interaction (Occupation)	Stratification	Statistic	Exposure Index						Exposure Index Contrast	Adj. Relative Risk (95% C.I.)	p-Value	
				Low		Medium		High					
Overall Sleep Disorder Index	Exposure Index-by- Lifetime Alcohol History (Officer)	0	n	10		3		13		Overall		0.253	
			Number/%										
			Abnormal	2	20.0%	2	66.7%	3	23.1%	H vs. L	8.00 (0.46,139.29)	0.406	
			Normal	8	80.0%	1	33.3%	10	76.9%	H vs. L	1.20 (0.16,9.01)	0.999	
			>0-40	n	97		92		80		Overall		0.131
				Number/%									
		Abnormal		22	22.7%	25	27.2%	29	36.3%	H vs. L	1.27 (0.66,2.46)	0.584	
			Normal	75	77.3%	67	72.8%	51	63.7%	H vs. L	1.94 (1.00,3.75)	0.069	
			>40	n	21		26		31		Overall		0.013
				Number/%									
Abnormal	8	38.1%		6	23.1%	19	61.3%	H vs. L	0.49 (0.14,1.73)	0.414			
Normal	13	61.9%	20	76.9%	12	38.7%	H vs. L	2.57 (0.82,8.04)	0.174				
Overall Sleep Disorder Index	Exposure Index-by- Education (Enlisted Flyer)	High School	n	40		46		39		Overall		0.911	
			Number/%										
			Abnormal	13	32.5%	13	28.3%	12	30.8%	H vs. L	0.82 (0.33,2.06)	0.846	
			Normal	27	67.5%	33	71.7%	27	69.2%	H vs. L	0.92 (0.36,2.38)	0.999	
			College	n	13		16		11		Overall		0.016
				Number/%									
		Abnormal		0	0.0%	7	43.8%	5	45.5%	H vs. L	—	0.015	
Normal	13	100.0%	9	56.2%	6	54.5%	H vs. L	—	0.022				