



SUPPLEMENTAL TABLES

Supplemental Table S1. Associations between the three brain oxygen deprivation exposure items and the composite blunt force head trauma measure; among the full sample with complete data.

	No BFHT (n=12)		BFHT (n=83)		<i>p-value</i> ¹
	<i>n</i>	%	<i>n</i>	%	
Brain Oxygen Deprivation Exposure					<0.001
None	11	91.67	22	26.83	
Any	1	8.33	60	73.17	
Choking Games					1.000
Never	12	100.00	72	86.75	
Once	0	0.00	5	6.02	
A few times	0	0.00	4	4.82	
Too many times to remember	0	0.00	2	2.41	
Intentional Choking					0.009
Never	12	100.00	39	46.99	
Once	0	0.00	12	14.46	
A few times	0	0.00	25	30.12	
Too many times to remember	0	0.00	7	8.43	
Stopped Breathing on Accident					0.161
Never	11	91.67	42	50.60	
Once	1	8.33	17	20.48	
A few times	0	0.00	17	20.48	
Too many times to remember	0	0.00	4	4.82	
Don't Know	0	0.00	3	3.61	

¹ *p*-value from Fisher exact test

BFHT: blunt force head trauma exposure

Supplemental Table S2. Associations between the three blunt force head trauma exposure items and the composite brain injury oxygen deprivation measure; among the full sample with complete data

	No BOD (n=33)		BOD (n=61)		<i>p-value</i> ¹
	<i>n</i>	%	<i>n</i>	%	
Blunt Force Head Trauma Exposure					<0.001
None	11	33.33	1	1.64	
Any	22	66.67	60	98.36	
Hit in Head					<0.001
Never	20	60.61	9	14.75	
Once	2	6.06	8	13.11	
A few times	8	24.24	28	45.90	
Too many times to remember	3	9.09	16	26.23	
Shaken Violently					<0.001
Never	29	87.88	26	42.62	
Once	0	0.00	6	9.84	
A few times	4	12.12	15	24.59	
Too many times to remember	0	0.00	13	21.31	
Don't Know	0	0.00	1	1.64	

	No BOD (n=33)		BOD (n=61)		
Accidentally Hurt					0.116
Never	15	45.45	13	21.31	
Once	6	18.18	14	22.95	
A few times	9	27.27	23	37.70	
Too many times to remember	3	9.09	11	18.03	

¹ p-value from Fisher exact test

BOD: brain oxygen deprivation exposure

Supplemental Table S3. Linear regression models for age first tried tobacco and age first regularly used tobacco among the full sample (N=96)

	Age Tried Tobacco			
	Unadjusted		Adjusted ^a	
	Years (95% CI)	p-value	Years (95% CI)	p-value
Brain Oxygen Deprivation Exposure vs. None	-1.15 (-2.69, 0.39)	0.141	-0.87 (-2.49, 0.76)	0.292
Blunt Force Head Trauma Exposure vs. None	-0.16 (-2.39, 2.07)	0.885	1.72 (-0.62, 4.06)	0.148
Brain Oxygen Deprivation or Blunt Force Head Trauma Exposure vs. None	-0.09 (-2.41, 2.22)	0.937	1.84 (-0.63, 4.31)	0.142
Type of Exposure		0.243		0.086
None	0.51 (-1.84, 2.85)		-1.15 (-3.65, 1.35)	
Single Type	1.49 (-0.26, 3.25)		1.45 (-0.25, 3.16)	
Both	Reference		Reference	
Intentional Brain Oxygen Deprivation Exposure vs. None	-0.43 (-1.94, 1.08)	0.575	-0.42 (-1.94, 1.11)	0.586
Intentional Blunt Force Head Trauma Exposure vs. None	-0.89 (-2.61, 0.83)	0.307	-0.10 (-1.99, 1.80)	0.920
Intentional Brain Oxygen Deprivation or Blunt Force Head Trauma Exposure vs. None	-1.24 (-2.98, 0.51)	0.163	-0.39 (-2.28, 1.50)	0.683
Type of Intentional Exposure		0.318		0.927
None	1.04 (-0.84, 2.92)		0.40 (-1.65, 2.45)	
Single Type	-0.56 (-2.39, 1.27)		0.10 (-1.69, 1.89)	
Both	Reference		Reference	
	Age First Regularly Used Tobacco			
	Unadjusted		Adjusted	
	Years (95% CI)	p-value	Years (95% CI)	p-value
Brain Oxygen Deprivation Exposure vs. None	-1.42 (-2.42, -0.41)	0.006	-0.87 (-1.95, 0.21)	0.113
Blunt Force Head Trauma Exposure vs. None	0.16 (-1.34, 1.66)	0.830	0.94 (-0.63, 2.51)	0.235
Brain Oxygen Deprivation or Blunt Force Head Trauma Exposure vs. None	0.09 (-1.46, 1.65)	0.907	0.81 (-0.85, 2.47)	0.335

Type of Exposure		0.008		0.114
None	0.41 (-1.11, 1.93)		-0.30 (-1.99, 1.38)	
Single Type	1.81 (0.67, 2.95)		1.09 (-0.06, 2.23)	
Both	Reference		Reference	
Intentional Brain Oxygen Deprivation Exposure vs. None	-0.55 (-1.56, 0.45)	0.276	-0.47 (-1.48, 0.54)	0.359
Intentional Blunt Force Head Trauma Exposure vs. None	-0.92 (-2.05, 0.21)	0.108	-0.05 (-0.31, 1.21)	0.938
Intentional Brain Oxygen Deprivation or Blunt Force Head Trauma Exposure vs. None	-0.95 (-2.11, 0.21)	0.108	-0.08 (-1.34, 1.18)	0.904
Type of Intentional Injury		0.228		0.615
None	1.06 (-0.17, 2.30)		0.36 (-0.99, 1.71)	
Single Type	0.19 (-1.02, 1.39)		0.57 (-0.61, 1.75)	
Both	Reference		Reference	

^aAdjusted for race and the Behavioral Risk Factor Surveillance System Adverse Childhood Experiences Scale