

Return to Play > 29	+ Anx or Dep History		
	Yes	No	Total
	Yes	45	846
	No	153	3333
Total 198 4179 4377			

$$\text{Odds Ratio} = \frac{45/846}{153/3333} = 1.16$$

$$\text{Reciprocal} = 0.86$$

$$\text{Logistic OR (CI)} = 1.16 (0.82-1.63)$$

$$p=0.397$$

Return to Play > 29	BSI Total Score >10		
	Yes	No	Total
	Yes	190	496
	No	521	2182
Total 711 2678 3389			

$$\text{Odds Ratio} = \frac{190/496}{521/2182} = 1.60$$

$$\text{Reciprocal} = 0.62$$

$$\text{Logistic OR (CI)} = 1.60 (1.32-1.95)$$

$$p=0.000$$

Return to Play > 29	SCAT Total Score >45		
	Yes	No	Total
	Yes	262	629
	No	607	2879
Total 869 3508 4377			

$$\text{Odds Ratio} = \frac{262/629}{607/2879} = 1.98$$

$$\text{Reciprocal} = 0.51$$

$$\text{Logistic OR (CI)} = 1.98 (1.67-2.34)$$

$$p=0.000$$

Return to Play > 29	Learning Disability Hx		
	Yes	No	Total
	Yes	48	843
	No	307	3179
Total 355 4022 4377			

$$\text{Odds Ratio} = \frac{48/843}{307/3179} = 0.59$$

$$\text{Reciprocal} = 1.70$$

$$\text{Logistic OR (CI)} = 0.59 (0.43-0.81)$$

$$p=0.001$$

Return to Play > 29	Previous Concussion >=3		
	Yes	No	Total
	Yes	55	816
	No	170	3263
Total 225 4079 4304			

$$\text{Odds Ratio} = \frac{55/816}{170/3263} = 1.29$$

$$\text{Reciprocal} = 0.77$$

$$\text{Logistic OR (CI)} = 1.29 (0.95-1.77)$$

$$p=0.001$$

Return to Play > 29	Migraine Hx		
	Yes	No	Total
	Yes	69	822
	No	289	3197
Total 358 4019 4377			

$$\text{Odds Ratio} = \frac{69/822}{289/3197} = 0.93$$

$$\text{Reciprocal} = 1.08$$

$$\text{Logistic OR (CI)} = 0.93 (0.71-1.22)$$

$$p=0.596$$

Return to Play > 29	Loss of Consciousness		
	Yes	No	Total
	Yes	55	836
	No	184	3302
Total 239 4138 4377			

$$\text{Odds Ratio} = \frac{55/836}{184/3302} = 1.18$$

$$\text{Reciprocal} = 0.85$$

$$\text{Logistic OR (CI)} = 1.18 (0.87-1.61)$$

$$p=0.295$$

Return to Play > 29	Sex		
	Yes	No	Total
	Yes	482	408
	No	1352	2133
Total 1834 2541 4375			

$$\text{Odds Ratio} = \frac{482/408}{1352/2133} = 1.86$$

$$\text{Reciprocal} = 0.54$$

$$\text{Logistic OR (CI)} = 1.86 (1.60-2.16)$$

$$p=0.000$$

Return to Play > 29	Non Contact		
	Yes	No	Total
	Yes	44	847
	No	184	3302
Total 228 4149 4377			

$$\text{Odds Ratio} = \frac{44/847}{184/3302} = 0.93$$

$$\text{Reciprocal} = 1.07$$

$$\text{Logistic OR (CI)} = 0.93 (0.67-1.31)$$

$$p=0.684$$

Return to Play > 29	Limited Contact		
	Yes	No	Total
	Yes	65	826
	No	363	3123
Total 428 3949 4377			

$$\text{Odds Ratio} = \frac{65/826}{363/3123} = 0.68$$

$$\text{Reciprocal} = 1.48$$

$$\text{Logistic OR (CI)} = 0.68 (0.51-0.89)$$

$$p=0.005$$

Return to Play > 29	Contact		
	Yes	No	Total
	Yes	196	695
	No	1588	1898
Total 1784 2593 4377			

$$\text{Odds Ratio} = \frac{196/695}{1588/1898} = 0.34$$

$$\text{Reciprocal} = 2.97$$

$$\text{Logistic OR (CI)} = 0.34 (0.28-0.40)$$

$$p=0.000$$

Return to Play > 29	Cadet		
	Yes	No	Total
	Yes	586	305
	No	1350	2136
Total 1936 2441 4377			

$$\text{Odds Ratio} = \frac{586/305}{1350/2136} = 3.04$$

$$\text{Reciprocal} = 0.33$$

$$\text{Logistic OR (CI)} = 3.04 (2.61-3.55)$$

$$p=0.000$$