

**I. TBI Medical Records Check - UCSD PPDS Dataset T1 TBI Indicator by New TBI Diagnosis  
between T0 and T1 Date**

**The *FREQ* Procedure**

Frequency Percent Row Pct Col Pct	Table of tbi_dx by TBI_t1				
	tbi_dx	TBI_t1(TBI_t1)			Total
		Mild	Moderate/Severe	None	
0	839	53	3746	4638	
	18.06	1.14	80.65	99.85	
	18.09	1.14	80.77		
	99.64	94.64	99.97		
1	3	3	1	7	
	0.06	0.06	0.02	0.15	
	42.86	42.86	14.29		
	0.36	5.36	0.03		
Total	842	56	3747	4645	
	18.13	1.21	80.67	100.00	

**Statistics for Table of tbi\_dx by TBI\_t1**

Statistic	DF	Value	Prob
Chi-Square	2	107.0767	<.0001
Likelihood Ratio Chi-Square	2	23.2901	<.0001
Mantel-Haenszel Chi-Square	1	9.7492	0.0018
Phi Coefficient		0.1518	
Contingency Coefficient		0.1501	
Cramer's V		0.1518	
WARNING: 33% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Fisher's Exact Test	
Table Probability (P)	1.117E-06
Pr <= P	2.408E-06

**Sample Size = 4645**

***Iia. Exposure to a Concussive Event - UCSD PPDS Dataset T1 TBI Indicator by Event Indicators  
Across all forms (PDHA/PDHRA shorter time window) for Deployment (Question 9a)***

***The FREQ Procedure***

Frequency Percent Row Pct Col Pct	Table of Any_Concussive_Event by TBI_t1				
	Any_Concussive_Event	TBI_t1(TBI_t1)			Total
		Mild	Moderate/Severe	None	
0	382 9.76 12.72 54.49	20 0.51 0.67 46.51	2600 66.41 86.61 81.99	3002 76.68	
1	319 8.15 34.94 45.51	23 0.59 2.52 53.49	571 14.58 62.54 18.01	913 23.32	
<b>Total</b>	701 17.91	43 1.10	3171 81.00	3915 100.00	

***Statistics for Table of Any\_Concussive\_Event by TBI\_t1***

Statistic	DF	Value	Prob
Chi-Square	2	264.9060	<.0001
Likelihood Ratio Chi-Square	2	236.8674	<.0001
Mantel-Haenszel Chi-Square	1	253.6936	<.0001
Phi Coefficient		0.2601	
Contingency Coefficient		0.2517	
Cramer's V		0.2601	

Fisher's Exact Test	
Table Probability (P)	1.647E-54
Pr <= P	9.487E-53

***Sample Size = 3915***

**Iib. TBI Referral - UCSD PPDS Dataset T1 TBI Indicator by Any TBI Referral Across all forms  
(PDHA/PDHRA - shorter time window) for deployment**

**The FREQ Procedure**

Frequency Percent Row Pct Col Pct	Table of TBI_Referral_z1 by TBI_t1				
	TBI_Referral_z1	TBI_t1(TBI_t1)			Total
		Mild	Moderate/Severe	None	
<b>0.None</b>	524 13.38 14.42 74.75	24 0.61 0.66 55.81	3086 78.83 84.92 97.32	3634 92.82	
<b>1.TBI Referral</b>	125 3.19 71.02 17.83	15 0.38 8.52 34.88	36 0.92 20.45 1.14	176 4.50	
<b>2.Potential TBI + No Referral</b>	52 1.33 49.52 7.42	4 0.10 3.81 9.30	49 1.25 46.67 1.55	105 2.68	
<b>Total</b>	701 17.91	43 1.10	3171 81.00	3915 100.00	

**Statistics for Table of TBI\_Referral\_z1 by TBI\_t1**

Statistic	DF	Value	Prob
Chi-Square	4	564.1506	<.0001
Likelihood Ratio Chi-Square	4	409.2279	<.0001
Mantel-Haenszel Chi-Square	1	347.4772	<.0001
Phi Coefficient		0.3796	
Contingency Coefficient		0.3549	
Cramer's V		0.2684	
WARNING: 22% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Fisher's Exact Test	
Table Probability (P)	2.635E-93
Pr <= P	1.210E-88

**Sample Size = 3915**

*Iic. TBI Symptoms - UCSD PPDS Dataset T1 TBI Indicator by Any TBI Symptoms Across all forms (PDHA/PDHRA - shorter time window) for deployment*

*The FREQ Procedure*

Frequency Percent Row Pct Col Pct	Table of Any_TBI_Symptoms by TBI_t1				
	Any_TBI_Symptoms	TBI_t1(TBI_t1)			
		Mild	Moderate/Severe	None	Total
0	482 12.31 13.53 68.76	21 0.54 0.59 48.84	3059 78.14 85.88 96.47	3562 90.98	
1	219 5.59 62.04 31.24	22 0.56 6.23 51.16	112 2.86 31.73 3.53	353 9.02	
Total	701 17.91	43 1.10	3171 81.00	3915 100.00	

*Statistics for Table of Any\_TBI\_Symptoms by TBI\_t1*

Statistic	DF	Value	Prob
Chi-Square	2	631.4418	<.0001
Likelihood Ratio Chi-Square	2	472.7290	<.0001
Mantel-Haenszel Chi-Square	1	572.5967	<.0001
Phi Coefficient		0.4016	
Contingency Coefficient		0.3727	
Cramer's V		0.4016	

Fisher's Exact Test	
Table Probability (P)	1.511E-105
Pr <= P	2.515E-104

*Sample Size = 3915*