

Table 1. Distribution of Demographic and Covariates among 17,672 deployed military individuals by Injury Status.

Variable	Combined Cohort Total n (%)	Deployed & Injured n (%)	Deployed & Not Injured n (%)	P-value
Age*				
Year, mean (SD)	26.3 (6.4)	26.2 (6.3)	26.3 (6.5)	0.443
Race				
Hispanic	1861	948 (10.7)	913 (10.3)	<0.001
Non-Hispanic Black	1888	751 (8.5)	1137 (12.9)	
Other	879	437 (4.9)	442(5.0)	
Non-Hispanic White	13044	6700 (75.8)	6344(71.8)	
Rank				
Officer	1267	585 (6.6)	682 (7.7)	<0.001
Enlisted, Senior (E5-E9)	5459	3093 (35.0)	2366 (26.8)	
Enlisted, Junior (E1-E4)	10946	5158 (58.4)	5788 (65.5)	
Marital Status				
Married	8449	4359 (49.3)	4090 (46.3)	<0.001
Single	9223	4477 (50.7)	4746 (53.7)	
Active Guard				
R/G	4525	1174 (13.3)	3351 (37.9)	<0.001
A	13147	7662 (86.7)	5485 (62.1)	
Tobacco Use				
Yes	5426	3022 (34.2)	2404 (27.2)	<0.001
No	5713	2711(30.7)	3002 (34.0)	
Unknown	6533	3103 (35.1)	3430 (38.8)	

*Variable used to match injured and non-injured deployed military individuals.

Table 2. Association Between Combat Injury and Atrial Fibrillation / Atrial Flutter (n = 17,672 deployed military individuals).

Variable	Model 1		Model 2		Model 3	
	HR (95% CI)	p-value	HR (95% CI)	p-value	HR (95% CI)	p-value
Cohort						
Injured	2.04 (1.44-2.87)	<0.001	1.90 (1.23-2.93)	0.004	1.51 (0.90-2.52)	0.117
Uninjured	Ref		Ref		Ref	
Overweight/Obese						
Yes	1.75 (1.04-2.94)	0.035	-	-	2.29 (1.09-4.80)	0.029
No	Ref		-		Ref	
Hypertension						
Yes	1.57 (0.97-2.55)	0.068	-	-	1.29 (0.61-2.74)	0.503
No	Ref		-		Ref	
Diabetes						
Yes	1.20 (0.52-2.79)	0.672	-	-	0.25 (0.05-1.35)	0.107
No	Ref		-		Ref	
Stroke						
Yes	5.00 (1.74-14.33)	0.003	-	-	6.28 (1.52-25.95)	0.011
No	Ref		-		Ref	
Vascular Disorder						
Yes	8.00 (1.24-51.51)	0.029	-	-	4.17 (0.18-97.08)	0.374
No	Ref		-		Ref	
Age						
Year			1.15 (0.71-1.87)	0.562	1.26 (0.78-2.03)	0.353
Race						
Hispanic	0.36 (0.13-1.03)	0.057	0.50 (0.17-1.51)	0.217	0.42 (0.11-1.63)	0.209
Non-Hispanic Black	0.36 (0.18-0.71)	0.003	0.33 (0.14-0.80)	0.014	0.25 (0.10-0.61)	0.002
Other	1.96 (0.58-6.60)	0.276	2.39 (0.63-8.99)	0.198	2.84 (0.93-8.69)	0.068
Non-Hispanic White	Ref		Ref		Ref	
Rank						
Officer	1.54 (0.66-3.58)	0.315	0.90 (0.26-3.08)	0.871	0.51 (0.14-1.84)	0.302
Enlisted, Senior (E5-E9)	1.81 (1.04-3.15)	0.035	1.21 (0.63-2.35)	0.564	1.05 (0.55-1.99)	0.889
Enlisted, Junior (E1-E4)	Ref		Ref		Ref	
Marital Status						
Married	1.21 (0.73-2.01)	0.449	1.39 (0.73-2.66)	0.315	1.65 (0.81-3.37)	0.169
Single	Ref		Ref		Ref	
Active Guard						
National Guard or Reserve	0.67 (0.43-1.02)	0.065	0.72 (0.40-1.31)	0.286	0.77 (0.40-1.49)	0.438
Active Duty	Ref		Ref		Ref	
Tobacco Use						
Yes	1.44 (0.82-2.56)	0.207	1.34 (0.70-2.57)	0.379	1.34 (0.57-3.17)	0.503
No	Ref		Ref		Ref	
Unknown	0.92 (0.56-1.50)	0.728	0.74 (0.38-1.45)	0.385	0.83 (0.35-1.97)	0.677