

APPENDIX Q
Immunological Evaluation

APPENDIX Q: Immunological Evaluation

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TABLE Q-1.
Summary of Group-by-Covariate Interactions for Immunological Variables

Variable	Interaction	Stratification	Statistic	Group		p-Value
				Ranch Hand	Comparison	
Total T Cells	Group-by-Race	Nonblack	n	424	532	0.619
			Adj. Mean	1,616	1,599	
		Black	95% C.I.	(1,564, 1,669)	(1,554, 1,646)	0.039
			n	18	35	
B Cells (Nonblacks Only)	Group-by-Lifetime Smoking (Pack-years)	0	Adj. Mean	1,566	1,888	0.004
			95% C.I.	(1,340, 1,810)	(1,705, 2,080)	
			n	128	149	
		>0-20	Adj. Mean	153.8	189.9	0.998
			95% C.I.	(135.6, 173.3)	(170.9, 210.0)	
	>20-40	>0-20	n	200	265	0.109
			Adj. Mean	199.5	199.6	
			95% C.I.	(182.9, 216.9)	(185.3, 214.3)	
		>40	n	74	94	0.857
	>40	>0-20	Adj. Mean	200.4	172.8	0.004
			95% C.I.	(174.0, 228.7)	(151.5, 195.4)	
			n	32	29	
			Adj. Mean	219.9	214.4	0.569
			95% C.I.	(178.0, 266.3)	(172.5, 260.9)	
Monocytes	Group-by-Occupation Group-by-Current Alcohol Use (Drinks/day)	Officer	0	n	35	0.060
			Adj. Mean	44.19	32.33	
		Officer	95% C.I.	(34.72, 56.23)	(24.88, 42.03)	
			n	100	131	0.689
	>0-2	>0-2	Adj. Mean	40.43	38.38	0.569
			95% C.I.	(34.35, 47.59)	(33.00, 44.64)	
		Officer	n	31	37	0.608
		Officer	Adj. Mean	41.53	44.35	
	>2-4	>2-4	95% C.I.	(32.00, 53.91)	(35.02, 56.17)	0.232
			n	13	17	
		Officer	Adj. Mean	37.65	33.12	0.232
		Officer	95% C.I.	(25.58, 55.43)	(25.18, 43.56)	
	Enlisted Flyer	0	n	21	27	0.232
			Adj. Mean	35.65	45.10	
			95% C.I.	(26.32, 48.28)	(34.36, 59.20)	

TABLE Q-1. (continued)
Summary of Group-by-Covariate Interactions for Immunological Variables

Variable	Interaction	Stratification	Statistic	Group		p-Value
				Ranch Hand	Comparison	
Monocytes (Cont.)	Enlisted >0-2 Flyer	n	35	50		
		Adj. Mean	34.95	43.22		0.159
		95% C.I.	(27.53, 44.36)	(35.00, 53.37)		
	Enlisted >2-4 Flyer	n	8	9		
		Adj. Mean	32.71	56.23		0.097
		95% C.I.	(20.35, 52.56)	(36.38, 86.89)		
	Enlisted >4 Flyer	n	5	11		
		Adj. Mean	41.10	36.17		0.729
		95% C.I.	(22.28, 75.80)	(23.99, 54.54)		
	Enlisted 0 Groundcrew	n	76	96		
		Adj. Mean	45.04	48.98		0.421
		95% C.I.	(37.89, 53.54)	(41.73, 57.50)		
	Enlisted >0-2 Groundcrew	n	81	120		
		Adj. Mean	42.42	41.59		0.839
		95% C.I.	(35.81, 50.24)	(36.10, 47.91)		
	Enlisted >2-4 Groundcrew	n	19	17		
		Adj. Mean	45.15	37.37		0.397
		95% C.I.	(33.05, 61.67)	(27.08, 51.57)		
	Enlisted >4 Groundcrew	n	16	23		
		Adj. Mean	68.86	35.32		0.003
		95% C.I.	(49.04, 96.68)	(26.42, 47.23)		
HLA-DR Cells	Group-by- Current Alcohol Use (Drinks/day)	0	n	142	158	
			Adj. Mean	593.1	581.0	0.650
			95% C.I.	(555.1, 632.2)	(544.4, 618.9)	
		>0-2	n	223	306	
			Adj. Mean	559.5	582.8	0.232
			95% C.I.	(529.5, 590.3)	(557.0, 609.2)	
		>2-4	n	58	65	
			Adj. Mean	553.4	565.9	0.750
			95% C.I.	(497.8, 611.9)	(512.7, 621.7)	
	>4	n	36	51		
		Adj. Mean	563.7	472.7		0.052
		95% C.I.	(491.7, 640.6)	(417.7, 531.0)		

TABLE 0-1. (continued)
Summary of Group-by-Covariate Interactions for Immunological Variables

Variable	Interaction	Stratification	Statistic	Group		p-Value
				Ranch Hand	Comparison	
MLC Net Response	Group-by- Lifetime Smoking (Pack-years)	0	n	129	156	
			Adj. Mean	68,921	77,232	0.053
			95% C.I.	(56,625, 82,424)	(64,572, 91,025)	
	>0-20		n	201	277	
			Adj. Mean	67,976	74,333	0.057
			95% C.I.	(56,990, 79,930)	(62,947, 86,665)	
	>20-40		n	71	88	
			Adj. Mean	76,511	67,758	0.128
			95% C.I.	(63,097, 91,216)	(55,676, 81,025)	
	>40		n	29	29	
			Adj. Mean	71,116	63,991	0.444
			95% C.I.	(54,784, 89,576)	(48,837, 81,189)	

TABLE Q-2.
Unadjusted Exposure Index Analyses for Cell Surface Markers by Occupation

Variable	Occupation	Statistic	Exposure Index			Contrast	p-Value
			Low	Medium	High		
Total T Cells	Officer	n	62	63	56	Overall	0.885
		Mean	1,594	1,550	1,578	M vs. L	0.626
		95% C.I.	(1471,1723)	(1429,1676)	(1449,1713)	H vs. L	0.865
	Enlisted Flyer	n	24	25	28	Overall	0.923
		Mean	1,677	1,659	1,622	M vs. L	0.901
		95% C.I.	(1477,1889)	(1464,1866)	(1439,1815)	H vs. L	0.697
	Enlisted Groundcrew	n	69	78	59	Overall	0.076
		Mean	1,759	1,555	1,586	M vs. L	0.032
		95% C.I.	(1623,1901)	(1434,1680)	(1446,1732)	H vs. L	0.091
Helper T Cells	Officer	n	62	63	55	Overall	0.970
		Mean	838.3	839.6	852.7	M vs. L	0.983
		95% C.I.	(755.8,925.1)	(757.7,925.8)	(764.5,945.8)	H vs. L	0.821
	Enlisted Flyer	n	24	26	27	Overall	0.832
		Mean	917.5	888.3	861.7	M vs. L	0.755
		95% C.I.	(789.3,1055.3)	(767.1,1018.5)	(744.5,987.5)	H vs. L	0.545
	Enlisted Groundcrew	n	69	76	59	Overall	0.296
		Mean	948.9	865.4	874.6	M vs. L	0.146
		95% C.I.	(867.6,1033.9)	(791.3,942.7)	(790.4,963.1)	H vs. L	0.227

TABLE Q-2. (continued)
Unadjusted Exposure Index Analyses for Cell Surface Markers by Occupation

Variable	Occupation	Statistic	Exposure Index			Contrast	p-Value
			Low	Medium	High		
Suppressor T Cells	Officer	n	62	64	56	Overall	0.287
		Mean	522.6	461.4	497.3		0.117
		95% C.I.	(467.9,583.6)	(413.8,514.4)	(442.7,558.7)		0.546
	Enlisted Flyer	n	24	26	28	Overall	0.891
		Mean	528.1	533.9	557.7		0.930
		95% C.I.	(443.1,629.3)	(451.1,631.9)	(474.1,656.0)		0.656
	Enlisted Groundcrew	n	69	77	59	Overall	0.123
		Mean	575.5	502.3	505.5		0.063
		95% C.I.	(518.9,638.3)	(455.4,554.0)	(451.9,565.3)		0.097
B Cells	Officer	n	62	64	55	Overall	0.453
		Mean	167.4	154.1	176.8		0.445
		95% C.I.	(143.5,193.2)	(131.5,178.4)	(150.7,205.0)		0.618
	Enlisted Flyer	n	24	25	26	Overall	0.262
		Mean	233.2	228.6	183.3		0.897
		95% C.I.	(185.4,286.6)	(182.1,280.3)	(142.7,228.9)		0.144
	Enlisted Groundcrew	n	69	73	59	Overall	0.966
		Mean	202.4	196.7	199.2		0.792
		95% C.I.	(173.3,233.8)	(168.8,226.8)	(168.1,233.0)		0.889

TABLE Q-2. (continued)
Unadjusted Exposure Index Analyses for Cell Surface Markers by Occupation

Variable	Occupation	Statistic	Exposure Index			Contrast	p-Value
			Low	Medium	High		
Monocytes	Officer	n	62	64	55	Overall	0.799
		Mean	43.32	46.85	47.39		0.584
		95% C.I.	(35.48,52.89)	(38.49,57.02)	(38.34,58.58)		0.546
	Enlisted Flyer	n	24	26	27	Overall	0.816
		Mean	36.91	37.52	41.76		0.940
		95% C.I.	(27.27,49.97)	(28.05,50.20)	(31.38,55.56)		0.563
	Enlisted Groundcrew	n	69	76	59	Overall	0.975
		Mean	46.97	47.03	48.18		0.992
		95% C.I.	(39.65,55.64)	(40.02,55.27)	(40.12,57.87)		0.842
HLA-DR Cells	Officer	n	62	63	56	Overall	0.750
		Mean	527.5	544.1	564.9		0.727
		95% C.I.	(463.9,595.1)	(480.0,612.2)	(495.8,638.7)		0.449
	Enlisted Flyer	n	24	26	28	Overall	0.932
		Mean	570.3	547.1	568.3		0.739
		95% C.I.	(475.4,673.9)	(457.7,644.5)	(480.3,663.7)		0.977
	Enlisted Groundcrew	n	69	76	58	Overall	0.973
		Mean	578.0	587.3	580.7		0.820
		95% C.I.	(521.7,637.1)	(533.2,644.0)	(519.4,645.6)		0.949

TABLE Q-2. (continued)
Unadjusted Exposure Index Analyses for Cell Surface Markers by Occupation

Variable	Occupation	Statistic	Exposure Index			Contrast	p-Value
			Low	Medium	High		
T_4/T_8 Ratio	Officer	n	62	63	55	Overall M vs. L H vs. L	0.207 0.106 0.881
		Mean	1.732	2.002	1.758		
		95% C.I.	(1.500,1.964)	(1.773,2.232)	(1.512,2.004)		
	Enlisted Flyer	n	24	26	27	Overall M vs. L H vs. L	0.692 0.955 0.449
		Mean	1.793	1.781	1.625		
		95% C.I.	(1.478,2.108)	(1.478,2.083)	(1.328,1.922)		
	Enlisted Groundcrew	n	69	76	59	Overall M vs. L H vs. L	0.965 0.812 0.822
		Mean	1.751	1.780	1.780		
		95% C.I.	(1.580,1.922)	(1.617,1.943)	(1.595,1.965)		

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TABLE Q-3.
Unadjusted Exposure Index Analyses for Functional Stimulation Tests by Occupation

Variable	Occupation	Statistic	Exposure Index			Contrast	p-Value
			Low	Medium	High		
Unstimulated Response (PHA)	Officer	n	61	64	56	Overall	0.047
		Mean	1,705	1,428	1,809		0.071
		95% C.I.	(1487,1955)	(1249,1632)	(1568,2087)		0.557
	Enlisted Flyer	n	24	26	28	Overall	0.466
		Mean	1,668	1,973	1,642		0.320
		95% C.I.	(1315,2114)	(1571,2478)	(1318,2045)		0.926
	Enlisted Groundcrew	n	69	78	58	Overall	0.818
		Mean	1,814	1,923	1,843		0.541
		95% C.I.	(1583,2079)	(1691,2186)	(1588,2139)		0.877
PHA Net Response	Officer	n	61	64	55	Overall	0.853
		Mean	213,383	205,057	209,661		0.575
		95% C.I.	(192,608, 234,158)	(184,775, 225,339)	(187,782, 231,539)		0.809
	Enlisted Flyer	n	24	26	28	Overall	0.297
		Mean	245,179	209,656	219,358		0.131
		95% C.I.	(212,269, 278,089)	(178,038, 241,275)	(188,890, 249,827)		0.263
	Enlisted Groundcrew	n	69	78	58	Overall	0.414
		Mean	227,062	221,793	208,537		0.690
		95% C.I.	(208,219, 245,905)	(204,070, 239,515)	(187,984, 229,089)		0.194

TABLE Q-3. (continued)
Unadjusted Exposure Index Analyses for Functional Stimulation Tests by Occupation

Variable	Occupation	Statistic	Exposure Index			Contrast	p-Value
			Low	Medium	High		
Pokeweed Net Response	Officer	n	62	64	56	Overall M vs. L H vs. L	0.633 0.947 0.388
		Mean	85,479	86,250	96,107		
		95% C.I.	(70,144, 102,328)	(71,074, 102,894)	(78,992, 114,899)		
Pokeweed Net Response	Enlisted Flyer	n	24	26	28	Overall M vs. L H vs. L	0.004 0.619 0.011
		Mean	92,847	101,256	55,480		
		95% C.I.	(71,008, 117,610)	(79,227, 125,985)	(40,058, 73,410)		
MLC Net Response	Enlisted Groundcrew	n	69	78	58	Overall M vs. L H vs. L	0.345 0.151 0.360
		Mean	77,859	92,188	87,540		
		95% C.I.	(64,872, 92,030)	(78,815, 106,610)	(72,540, 103,950)		
MLC Net Response	Officer	n	58	63	54	Overall M vs. L H vs. L	0.940 0.727 0.841
		Mean	74,175	78,069	76,486		
		95% C.I.	(59,443, 90,536)	(63,516, 94,123)	(61,000, 93,722)		
MLC Net Response	Enlisted Flyer	n	23	26	26	Overall M vs. L H vs. L	0.724 0.892 0.550
		Mean	71,959	74,217	62,391		
		95% C.I.	(50,336, 97,436)	(53,426, 98,416)	(43,471, 84,721)		
MLC Net Response	Enlisted Groundcrew	n	68	77	57	Overall M vs. L H vs. L	0.248 0.102 0.275
		Mean	69,460	85,901	81,091		
		95% C.I.	(56,591, 83,647)	(72,345, 100,620)	(65,912, 97,842)		

TABLE Q-4.

Interaction Summaries of Adjusted Exposure Index Analyses for Immunological Variables

Variable	Interaction (Occupation)	Stratification Statistic	Exposure Index			Contrast	p-Value
			Low	Medium	High		
Unstimulated Response (PHA)	Exposure Index-by-Lifetime	0	n Adj. Mean	4 3,273	0 --	5 1,557	M vs. L H vs. L
	Alcohol Use (Drink/year)	>0-5 (Officer)	n Adj. Mean	22 2,118	22 1,975	16 2,770	M vs. L H vs. L
		>5-30	n Adj. Mean	24 2,752	22 2,069	15 2,788	M vs. L H vs. L
		>30-100	n Adj. Mean	10 2,357	17 2,120	16 1,892	M vs. L H vs. L
		>100	n Adj. Mean	1 1,983	2 1,555	3 6,700	M vs. L H vs. L
PHA Net Response	Exposure Index-by-Age	Born >1942	n Adj. Mean	18 261,397	9 153,534	7 299,002	M vs. L H vs. L
	(Officer)	Born 1923-1941	n Adj. Mean	40 234,921	43 236,262	46 223,373	M vs. L H vs. L
		Born ≤1922	n Adj. Mean	3 139,307	11 229,757	1 191,111	M vs. L H vs. L

TABLE Q-5.
Unadjusted Analyses for Cell Surface Markers by Group
(Original Comparisons Only)

Variable	Statistic	Group		p-Value
		Ranch Hand	Original Comparison	
Total T Cells	n	464	424	
	Mean	1,606	1,592	0.711
	95% C.I.	(1551,1662)	(1537,1648)	
Helper T Cells	n	461	423	
	Mean	868.1	861.0	0.765
	95% C.I.	(833.3,903.6)	(826.4,896.3)	
Suppressor T Cells	n	465	425	
	Mean	521.9	529.7	0.630
	95% C.I.	(498.5,546.5)	(505.7,554.8)	
B Cells	n	457	418	
	Mean	185.2	188.1	0.708
	95% C.I.	(173.8,197.0)	(176.5,200.1)	
Monocytes	n	462	424	
	Mean	46.19	45.47	0.744
	95% C.I.	(43.05,49.56)	(42.39,48.79)	
HLA-DR Cells	n	462	424	
	Mean	571.6	569.9	0.917
	95% C.I.	(547.6,596.2)	(546.1,594.3)	
T ₄ /T ₈ Ratio	n	461	421	
	Mean	1.597	1.558	0.410
	95% C.I.	(1.528,1.669)	(1.491,1.629)	

TABLE 0-6.

Adjusted Analyses for Cell Surface Markers by Group (Original Comparisons Only)

Variable	Statistic	Group		p-Value	Covariate Remarks*
		Ranch Hand	Original Comparison		
Total T Cells	n	442	414	****	BATCH (p<0.001)
	Adj. Mean	*****	*****		GRP*RACE (p=0.028)
	95% C.I.	*****	*****		DRKYR*PACKYR (p=0.004)
Helper Cells	n	439	413	0.835	CSMOK (p<0.001)
	Adj. Mean	862.9	867.5		ALC (p=0.005)
	95% C.I.	(829.8, 896.6)	(834.6, 901.1)		AGE (p=0.049)
Suppressor T Cells	n	465	425	****	BATCH (p=0.014)
	Adj. Mean	*****	*****		DAY (BATCH) (p=0.007)
	95% C.I.	*****	*****		AGE (p<0.001)
B Cells	n	455	416	0.451	CSMOK (p<0.001)
	Adj. Mean	185.5	191.1		ALC*OCC (p=0.025)
	95% C.I.	(174.2, 197.1)	(179.6, 202.9)		DRKYR*PACKYR (p=0.001)
Monocytes	n	440	414	****	BATCH (p<0.001)
	Adj. Mean	*****	*****		DAY (BATCH) (p<0.001)
	95% C.I.	*****	*****		GRP*AGE (p=0.040)
HLA-DR Cells	n	461	423	0.887	OCC (p=0.010)
	Adj. Mean	570.5	568.2		DRKYR (p=0.008)
	95% C.I.	(546.9, 594.5)	(545.0, 592.0)		CSMOK (p<0.001)
					PACKYR (p=0.020)

TABLE 0-6. (continued)

Adjusted Analyses for Cell Surface Markers by Group
(Original Comparisons Only)

Variable	Statistic	Group			Covariate Remarks*
		Ranch Hand	Original Comparison	p-Value	
T ₄ /T ₈ Ratio	n Adj. Mean 95% C.I.	461 ***** *****	421 ***** *****	****	BATCH (p<0.001) OCC (p=0.002) GRP*CSMOK (p=0.016)

***Abbreviations:**

BATCH: batch-to-batch variation among examination groups

DAY (BATCH): blood-draw day variation

ALC: current alcohol use

CSMOK: current smoking

OCC: occupation

GRP: group

DRKYR: lifetime alcohol use (drink-years)

PACKYR: lifetime smoking (pack-years)

****Group-by-covariate interaction - adjusted mean, confidence interval, and p-value not presented.

TABLE Q-7.
Summary of Group-by-Covariate Interactions for Cell Surface Markers
(Original Comparisons Only)

Variable	Interaction	Stratification	Statistic	Group		p-Value		
				Ranch Hand	Original Comparison			
Total T Cells	Group-by-Race	Nonblack	n	424	391	0.324		
			Adj. Mean	1,601.7	1,567.3			
	Black		95% C.I.	(1,554.6, 1,649.6)	(1,518.6, 1,161.6)			
			n	18	23	0.043		
Suppressor T Cells	Group-by-Race	Nonblack	Adj. Mean	1,558.3	1,888.6			
			95% C.I.	(1,338.6, 1,794.8)	(1,673.1, 2,117.1)			
	Black		n	444	402	0.960		
			Adj. Mean	530.0	530.8			
Monocytes	Group-by-Age	Born \geq 1942	95% C.I.	(505.5, 555.6)	(506.2, 556.6)			
			n	21	23	0.008		
			Adj. Mean	497.5	708.8			
		Born 1923-1941	95% C.I.	(411.0, 602.2)	(589.6, 852.2)			
			n	174	162	0.048		
			Adj. Mean	41.39	48.02			
			95% C.I.	(36.88, 46.44)	(42.89, 53.76)			
		Born \leq 1922	n	247	232	0.058		
			Adj. Mean	48.20	42.82			
			95% C.I.	(44.04, 52.76)	(39.02, 46.99)			
			n	19	20	0.924		
T_4/T_8 Ratio	Group-by-Current Smoking (Cigarettes/day)	0	Adj. Mean	47.88	46.90			
			95% C.I.	(35.06, 65.40)	(34.85, 63.13)			
		>0-20	n	277	273	0.454		
			Adj. Mean	1.44	1.48			
		>20-40	95% C.I.	(1.36, 1.52)	(1.40, 1.56)			
			n	78	69	0.811		
		>40	Adj. Mean	1.70	1.73			
			95% C.I.	(1.54, 1.88)	(1.56, 1.92)			
		>20-40	n	90	71	0.004		
			Adj. Mean	1.84	1.51			
		>40	95% C.I.	(1.68, 2.01)	(1.36, 1.67)			
			n	16	8	0.895		
		>40	Adj. Mean	1.70	1.75			
			95% C.I.	(1.38, 2.11)	(1.30, 2.35)			

TABLE Q-8.

**Unadjusted Analyses for Functional
Stimulation Tests by Group
(Original Comparisons Only)**

Variable	Statistic	Group		p-Value
		Ranch Hands	Original Comparison	
Unstimulated Response (PHA)	n	464	426	0.608
	Mean	1,669	1,640	
	95% C.I.	(1,578, 1,755)	(1,559, 1,724)	
PHA Net Response	n	463	425	0.168
	Mean	212,481	206,796	
	95% C.I.	(206,424, 218,539)	(200,733, 212,858)	
Pokeweed Net Response	n	465	426	0.522
	Mean	85,559	83,724	
	95% C.I.	(81,373, 89,849)	(79,579, 87,974)	
MLC Net Response	n	452	415	0.285
	Mean	79,451	82,387	
	95% C.I.	(75,485, 83,519)	(78,363, 86,512)	

TABLE Q-9.
Adjusted Analyses for Functional Stimulation Tests by Group
(Original Comparisons Only)

Variable	Statistic	Group		p-Value	Covariate Remarks
		Ranch Hand	Original Comparison		
Unstimulated Response (PHA)	n	464	426		BATCH (p<0.001)
	Adj. Mean	1,813	1,783	0.613	DAY (BATCH) (p<0.001)
	95% C.I.	(1,645, 1,997)	(1,620, 1,962)		RACE (p<0.001)
					AGE (p<0.001)
PHA Net Response	n	461	423		BATCH (p<0.001)
	Adj. Mean	*****	*****	*****	DAY (BATCH) (p<0.001)
	95% C.I.	*****	*****		GRP*OCC (p=0.017)
					RACE (p=0.005)
					AGE (p=0.001)
					ALC*CSMOK (p=0.037)
Pokeweed Net Response	n	465	426		BATCH (p<0.001)
	Adj. Mean	92,684	91,738	0.746	DAY (BATCH) (p<0.001)
	95% C.I.	(86,712, 98,855)	(85,660, 98,023)		OCC (p=0.046)
					CSMOK (p<0.001)
MLC Net Response	n	431	405		BATCH (p<0.001)
	Adj. Mean	79,412	82,916	0.197	DAY (BATCH) (p<0.001)
	95% C.I.	(73,680, 85,359)	(76,848, 89,214)		ALC (p<0.001)
					DRKIR (p=0.001)
					CSMOK (p<0.001)

****Group-by-covariate interaction - adjusted mean, confidence interval, and p-value not presented.

TABLE Q-10.
Summary of Group-by-Covariate Interactions for Functional Stimulation Tests
(Original Comparisons Only)

Variable	Interaction	Stratification	Statistic	Group		p-Value
				Ranch Hand	Original Comparison	
PHA Net Response	Group-by-Occupation	Officer	n	180	163	
			Adj. Mean	217,397	210,363	0.280
			95% C.I.	(201,412, 233,382)	(193,843, 226,883)	
	Enlisted Flyer	Enlisted Flyer	n	78	77	
			Adj. Mean	230,597	202,077	0.003
			95% C.I.	(212,032, 249,162)	(183,749, 220,405)	
	Enlisted Groundcrew	Enlisted Groundcrew	n	203	183	
			Adj. Mean	208,347	212,473	0.504
			95% C.I.	(193,386, 223,308)	(197,550, 227,397)	
MLC Net Response	Group-by-Lifetime Smoking (Pack-years)	0	n	129	109	
			Adj. Mean	78,900	87,110	0.107
			95% C.I.	(69,737, 88,627)	(77,309, 97,496)	
		>0-20	n	201	206	
			Adj. Mean	76,689	83,468	0.079
			95% C.I.	(69,735, 83,973)	(76,169, 91,101)	
		>20-40	n	71	67	
			Adj. Mean	86,904	75,456	0.086
			95% C.I.	(77,241, 97,135)	(65,854, 85,711)	
		>40	n	29	23	
			Adj. Mean	80,525	75,984	0.679
			95% C.I.	(66,260, 96,180)	(60,806, 92,850)	