**METHODS**

**Participants**

Veterans were recruited from a survey research panel of more than 50,000 US households using GfK Knowledge Networks Inc (Menlo Park, CA; now Ipsos). A random sampling procedure was used to recruit participants using listed and unlisted telephone and cellphone households, as well as households with or without telephone or Internet access. Post-stratification weights were calculated based on demographic distribution of veterans in KnowledgePanel and calibrated against the demographic composition of the US adult population (i.e., age, sex, education, census region and metropolitan area) using data from the most contemporaneous US Census Current Population Survey.

**Assessments**

The Alcohol Use Disorders Identification Test-Consumption (AUDIT-C) is a screener used for alcohol consumption that helps identify individuals who are drinking alcohol at a hazardous level (Bush, Kivlahan, & McDonell, 1998). The AUDIT-C consists of the following three questions scored in 0 to 4 points for each item:

|  |  |
| --- | --- |
| 1) How often did you have a drink containing alcohol in the past year? | |
| Never | 0 |
| Monthly or less | 1 |
| Two to four times a month | 2 |
| Two to three times a week | 3 |
| Four or more times a week | 4 |
| 2) How many drinks did you have on a typical day when you were drinking in the past year? | |
| None, I do not drink | 0 |
| 1 or 2 | 0 |
| 3 or 4 | 1 |
| 5 or 6 | 2 |
| 7 to 9 | 3 |
| 10 or more | 4 |
| 3) How often did you have six or more drinks on one occasion in the past year? | |
| Never | 0 |
| Less than monthly | 1 |
| Monthly | 2 |
| Weekly | 3 |
| Daily or almost daily | 4 |

In men, a score of 4 or more is considered a positive screen and in women, a score of 3 or more is considered a positive screen for hazardous alcohol consumption.

**SPSS Syntax for Multinomial Logistic Regression Analysis**

NOMREG AUDIT\_BL\_FU\_10Year (BASE=FIRST ORDER=ASCENDING) BY PPGENDER CombatStatus SecureAttachmentvsNot Child\_Physical\_or\_Sexual\_Abuse LT\_PCL\_50 MDD\_5symptoms\_plu\_fxn\_impairment WITH PPAGE

ZAUDITC\_PRS\_ SUM\_MEDICAL\_CONDITIONS GRATITUDE\_LEVEL AGREEABLENESS CONSCIENTIOUSNESS OPTIMISM

SOCIAL\_SUPPORT\_SUM

/CRITERIA CIN(95) DELTA(0) MXITER(100) MXSTEP(5) CHKSEP(20) LCONVERGE(0) PCONVERGE(0.000001)

SINGULAR(0.00000001)

/MODEL=PPGENDER CombatStatus SecureAttachmentvsNot Child\_Physical\_or\_Sexual\_Abuse LT\_PCL\_50 MDD\_5symptoms\_plu\_fxn\_impairment PPAGE ZAUDITC\_PRS\_ SUM\_MEDICAL\_CONDITIONS GRATITUDE\_LEVEL

AGREEABLENESS CONSCIENTIOUSNESS OPTIMISM SOCIAL\_SUPPORT\_SUM |

BACKWARD=Child\_Physical\_or\_Sexual\_Abuse\*ZAUDITC\_PRS\_ SecureAttachmentvsNot\*ZAUDITC\_PRS\_

LT\_PCL\_50\*ZAUDITC\_PRS\_ MDD\_5symptoms\_plu\_fxn\_impairment\*ZAUDITC\_PRS\_

ZAUDITC\_PRS\_\*GRATITUDE\_LEVEL ZAUDITC\_PRS\_\*AGREEABLENESS ZAUDITC\_PRS\_\*CONSCIENTIOUSNESS

ZAUDITC\_PRS\_\*OPTIMISM ZAUDITC\_PRS\_\*SOCIAL\_SUPPORT\_SUM

/STEPWISE=PIN(.05) POUT(0.1) MINEFFECT(0) RULE(SINGLE) ENTRYMETHOD(LR) REMOVALMETHOD(LR)

/INTERCEPT=INCLUDE

/PRINT=PARAMETER SUMMARY LRT CPS STEP MFI.

**Reference**

Bush, K., Kivlahan, D. R., & McDonell, M. B. (1998). The AUDIT alcohol consumption questions (AUDIT-C): An effective brief screening test for problem drinking. Ambulatory Care Quality Improvement Project (ACQUIP). *Arch Intern Med, 158*, 1789-1795.