APPENDIX R.

Glossary of Abbreviations and Acronyms

*****************************************************************************

A
A  =  adjusted analyses
ACA  =  automated chemical analyzer
ACTH  =  adrenocorticotropic hormone
Adj. Mean  =  adjusted mean
Adj. RR  =  adjusted relative risk
Adj. Slope  =  adjusted slope
AFB  =  Air Force base
AFHS  =  Air Force Health Study
AGE  =  age at the 1992 physical examination
Ah  =  aryl hydrocarbon
AIDS  =  acquired immunodeficiency syndrome
ALC  =  current alcohol use
ALT  =  alanine aminotransferase
AST  =  aspartate aminotransferase
*****************************************************************************

B
BMDP*-4F  =  BMDP log-linear program
BMDP*-LR  =  BMDP logistic regression program
BMDP*-PR  =  BMDP polychotomous logistic regression program
*****************************************************************************

C
C  =  Celsius
C  =  Comparison
C  =  continuous analysis only
CALINT  =  caloric intake
CDC  =  Centers for Disease Control

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CHD = chronic heart disease
CHOL = cholesterol
CHOL/HDL = cholesterol-HDL ratio
C.I. = confidence interval
CMI = Cornell Medical Index
CNF = cranial nerve function
CNS = Central Nervous System
COV = covariate (missing data)
cpm = counts per minute
CS = chi-square contingency table analysis (continuity-adjusted for 2x2 tables)
CSMOK = current cigarette smoking
CURR = log₂ (current dioxin + 1)
CV = coefficient of variation

D
D = discrete analysis only
DC = degreasing chemical exposure
D/C = discrete and continuous analyses for dependent variables; appropriate form
       for analysis (either discrete or continuous) for covariates
DCH = delayed cutaneous hypersensitivity
DEP = dependent variable (missing data)
DIAB = diabetic class
DNA = deoxyribonucleic acid
DRKYR = lifetime alcohol history
DXCAT = categorized dioxin

E
ECG = electrocardiograph or electrocardiogram
EDUC = education
ESR = erythrocyte sedimentation rate

R-2
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Definition</th>
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<tbody>
<tr>
<td>Est. RR</td>
<td>estimated relative risk</td>
</tr>
<tr>
<td>EXC</td>
<td>exclusion</td>
</tr>
<tr>
<td>F</td>
<td>fully compliant at Baseline</td>
</tr>
<tr>
<td>FC</td>
<td>forced expiratory volume</td>
</tr>
<tr>
<td>FEV</td>
<td>forced expiratory volume in 1 second</td>
</tr>
<tr>
<td>FEV₁</td>
<td>fast initial response cumulative sum</td>
</tr>
<tr>
<td>FIR CUSUM</td>
<td>follicle stimulating hormone</td>
</tr>
<tr>
<td>FSH</td>
<td>free thyroxine index</td>
</tr>
<tr>
<td>FTI</td>
<td>forced vital capacity</td>
</tr>
<tr>
<td>GGT</td>
<td>gamma glutamyl transferase</td>
</tr>
<tr>
<td>GLM</td>
<td>general linear models analysis</td>
</tr>
<tr>
<td>GML</td>
<td>good result, missing lipids</td>
</tr>
<tr>
<td>GND</td>
<td>good result, below limit of detection</td>
</tr>
<tr>
<td>GNQ</td>
<td>good result, below limit of quantification</td>
</tr>
<tr>
<td>GnRH</td>
<td>gonadotropin-releasing hormone</td>
</tr>
<tr>
<td>GRc</td>
<td>glucocorticoid</td>
</tr>
<tr>
<td>GSI</td>
<td>global severity index</td>
</tr>
<tr>
<td>G-6-PD</td>
<td>glucose-6-phosphate dehydrogenase</td>
</tr>
<tr>
<td>HBₐ,Aₘ</td>
<td>hepatitis B surface antigen</td>
</tr>
<tr>
<td>HDL</td>
<td>high-density lipoprotein</td>
</tr>
<tr>
<td>HIV</td>
<td>human immunosuppressant virus</td>
</tr>
<tr>
<td>HPF</td>
<td>high-power field</td>
</tr>
<tr>
<td>HRB</td>
<td>Halstead-Reitan battery</td>
</tr>
<tr>
<td>HRTDIS</td>
<td>family history of heart disease</td>
</tr>
<tr>
<td>HRTDIS50</td>
<td>family history of heart disease before age 50</td>
</tr>
</tbody>
</table>
I
IC = industrial chemical exposure
ICD = International Classification of Disease
ICD-9 = International Classification of Disease, 9th Edition
ICVI = intermittent claudication and vascular insufficiency
IL = Interleukin
IL-2 = Interleukin-2
INIT = log₂ (initial dioxin)
INS = insecticide exposure
IQ = intelligence quotient

JK
KUB = kidney, urethra, and bladder

L
L = longitudinal analysis
LAB = 1992 laboratory results
LAB-AF = 1992 Brooks AFB laboratory results
LAT = average lifetime residential latitude
LBBB = left bundle branch block
LDH = lactic dehydrogenase
LH = luteinizing hormone
LR = logistic regression analysis
LWINE = lifetime wine history

M
MCH = mean corpuscular hemoglobin
MCHC = mean corpuscular hemoglobin concentration
MCMI = Millon Clinical Multiaxial Inventory
MCV = mean corpuscular volume
MIL = Air Force military records
MLC = mixed lymphocyte culture
MMPI = Minnesota Multiphasic Personality Inventory
MR-V = medical records (verified)
MSK = mouse stomach kidney

N
NHL = non-Hodgkin's lymphoma
NIH = National Institutes of Health
NIOSH = National Institute for Occupational Safety and Health
NKC = natural killer cell
NORC = National Opinion Research Center
NR = no result
NS = new to study since Baseline (Chapter 5)
NS = not significant
NS* = marginally significant

O
OCC = occupation
OMR = optical mark recognition

P
PACKYR = lifetime cigarette smoking history
PBF = percent body fat
PC = partially compliant at Baseline
PCT = porphyria cutanea tarda
PE = physical examination
PHA = phytohemagglutinin
ppm = parts per million
ppq = parts per quadrillion
<table>
<thead>
<tr>
<th>Acronym</th>
<th>Definition</th>
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<tbody>
<tr>
<td>ppt</td>
<td>parts per trillion</td>
</tr>
<tr>
<td>PR</td>
<td>polychotomous logistic regression analysis</td>
</tr>
<tr>
<td>PSA</td>
<td>prostate-specific antigen</td>
</tr>
<tr>
<td>PSDI</td>
<td>positive symptom distress index</td>
</tr>
<tr>
<td>PST</td>
<td>positive symptom total</td>
</tr>
<tr>
<td>PTSD</td>
<td>post-traumatic stress disorder</td>
</tr>
<tr>
<td>PWM</td>
<td>pokeweed mitogen</td>
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<table>
<thead>
<tr>
<th>Acronym</th>
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<tbody>
<tr>
<td>Q</td>
<td>quality assurance</td>
</tr>
<tr>
<td>QA</td>
<td>quality assurance</td>
</tr>
<tr>
<td>QC</td>
<td>quality control</td>
</tr>
<tr>
<td>QRC</td>
<td>Quality Review Committee</td>
</tr>
<tr>
<td>Q-SR</td>
<td>health questionnaire (self-reported)</td>
</tr>
<tr>
<td>Q-V</td>
<td>health questionnaire (verified)</td>
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<table>
<thead>
<tr>
<th>Acronym</th>
<th>Definition</th>
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<tbody>
<tr>
<td>R</td>
<td>refusal at Baseline</td>
</tr>
<tr>
<td>R²</td>
<td>coefficient of determination</td>
</tr>
<tr>
<td>RACE</td>
<td>race</td>
</tr>
<tr>
<td>RBBB</td>
<td>right bundle branch block</td>
</tr>
<tr>
<td>RBC</td>
<td>red blood cell</td>
</tr>
<tr>
<td>RBC per HPF</td>
<td>red blood cells per high powered field</td>
</tr>
<tr>
<td>RH</td>
<td>Ranch Hand</td>
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<tr>
<td>RIA</td>
<td>radioimmunoassay</td>
</tr>
<tr>
<td>RPM</td>
<td>revolutions per minute</td>
</tr>
<tr>
<td>RR</td>
<td>relative risk</td>
</tr>
<tr>
<td>RVN</td>
<td>Republic of Vietnam</td>
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<table>
<thead>
<tr>
<th>Acronym</th>
<th>Definition</th>
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<tbody>
<tr>
<td>S</td>
<td>Science Applications International Corporation</td>
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<tr>
<td>SAIC</td>
<td>= Science Applications International Corporation</td>
</tr>
<tr>
<td>SAS*-GLM</td>
<td>= SAS* general linear model</td>
</tr>
</tbody>
</table>
SCL-90-R = Symptom Check List-90-Revised
SCRF = Scripps Clinic and Research Foundation
SCS = Selected Cancers Study
SEA = Southeast Asia
SEAACNE = presence of pre-SEA acne
SIRL = Scripps Immunology Reference Laboratory
SKIN = skin color
Std. Error = standard error
STS = soft tissue sarcoma
SUN2HR = reaction of skin to sun after at least 2 hours after first exposure (assuming several preceding episodes)
SUNREAC = sun-reaction index
SUNRPT = reaction of skin to sun after repeated exposure

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T
T₄ = serum thyroxin
T₃₉ = triiodothyronine percent
TCDD = 2,3,7,8-tetrachlorodibenzo-p-dioxin
TLC = total lymphocyte count
TSH = thyroid stimulating hormone
TT = two-sample t-test
2,4-D = dichlorophenoxyacetic acid
2,4,5-T = 2,4,5-trichlorophenoxyacetic acid

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UVW
U = unadjusted analyses
UNL = unlocatable at Baseline
USAF = United States Air Force
VA = Veterans' Administration
VES = Vietnam Experience Study
WBC = white blood cell
WBC per HPF = white blood cells per high-powered field
WHO       = World Health Organization
WINE      = current wine use