FRAMINGHAM HEART STUDY - CODING MANUAL

TITLE OF DATA SET: LUMBAR AORTIC CALCIFICATION

COHORT: ORIGINAL

DATA COLLECTION TIME FRAME: EXAMS 9-11 AND EXAMS 21-23

SAS DATASET NAME: T CTLUMBAOR EX23 0 0151D.SAS7BDAT

#RECORDS: 3343

The value ranges and observation number stated in the manual are based on the original data set. In some cases, observation may be deleted due to participant consent form restrictions. If observations have been deleted from this data set, the ranges or observation number may differ from those stated in this manual.

THESE DATA DERIVE FROM SPINE XRAYS, RECORDED AROUND EXAMS 10 AND 22 IN THE ORIGINAL FRAMINGHAM COHORT SUBJECTS. XRAYS WERE READ BY IN 1995-97. LUMBAR AORTIC CALCIFICATION WAS SCORED ON EACH XRAY. SOME SUBJECTS HAD XRAYS ONLY AT THE EARLIER EXAM AND SOME ONLY AT THE LATER EXAM. SOME SUBJECTS (626) HAD XRAYS AT BOTH EXAMS. THERE IS A RECORD FOR EACH EXAM. NO ONE HAS MORE THAN TWO XRAYS (RECORDS). THE DATA WERE DOUBLE ENTERED, COMPARED AND RESOLVED IF THERE WERE DIFFERENCES.

VARIABLE	DESCRIPTION

IDTYPE Framingham Heart Study cohort identifier

0 - Original cohort

ID Framingham Heart Study participant ID number

**deleted to preserve confidentiality, use random id

(PID)

PID random ID

**random ID replaces Framingham ID to preserve

confidentiality

AACL1L2 LAC Score L1-L2 (Anterior): LAC=Lumbar Aortic

Calcification

0=no aortic calcification
1=up to 1/3 calcification

2=between 1/3 and 2/3 calcification 3=between 2/3 and full calcification

AACL2L3 LAC Score L2-L3 (Anterior): LAC=Lumbar Aortic Calcification 0=no aortic calcification 1=up to 1/3 calcification 2=between 1/3 and 2/3 calcification 3=between 2/3 and full calcification LAC Score L3-L4 (Anterior): LAC=Lumbar Aortic AACL3L4 Calcification 0=no aortic calcification 1=up to 1/3 calcification 2=between 1/3 and 2/3 calcification 3=between 2/3 and full calcification AACL4L5 LAC Score L4-L5 (Anterior): LAC=Lumbar Aortic Calcification 0=no aortic calcification 1=up to 1/3 calcification 2=between 1/3 and 2/3 calcification 3=between 2/3 and full calcification LAC Score L1-L2 (Posterior): LAC=Lumbar Aortic APCL1L2 Calcification 0=no aortic calcification 1=up to 1/3 calcification 2=between 1/3 and 2/3 calcification 3=between 2/3 and full calcification APCL2L3 LAC Score L2-L3 (Posterior): LAC=Lumbar Aortic Calcification 0=no aortic calcification 1=up to 1/3 calcification 2=between 1/3 and 2/3 calcification 3=between 2/3 and full calcification APCL3L4 LAC Score L3-L4 (Posterior): LAC=Lumbar Aortic Calcification 0=no aortic calcification 1=up to 1/3 calcification

2=between 1/3 and 2/3 calcification 3=between 2/3 and full calcification

APCL4L5 LAC Score L4-L5 (Posterior): LAC=Lumbar Aortic Calcification

0=no aortic calcification
1=up to 1/3 calcification

2=between 1/3 and 2/3 calcification 3=between 2/3 and full calcification

EXAM Exam Measured (9-11, 21-23)

SUM1A Sum: Anterior LAC

Sum (OF AACL1L2-AACL4L5), EXCEPT IF 3 OR MORE VALUES

MISSING

Calculated as 4*Mean(OF AACL1L2-AACL4L5),

EXCEPT IF 3 OR MORE VALUES MISSING

The multiplication by 4 is to fully use the scale 0 to

12 in case of missing values

SUM1P Sum: Posterior LAC

Sum(OF APCL1L2-APCL4L5), EXCEPT IF 3 OR MORE VALUES

MISSING

Calculated as 4*Mean(OF APCL1L2-APCL4L5),

EXCEPT IF 3 OR MORE VALUES MISSING

The multiplication by 4 is to fully use the scale 0 to

12 in case of missing values

SUM1 Sum: Anterior & Posterior LAC

Sum(OF AACL1L2-APCL4L5)

Calculated as 8*Mean(OF AACL1L2-APCL4L5),

EXCEPT IF 3 OR MORE VALUES MISSING

The multiplication by 8 is to fully use the scale 0 to

24 in case of missing values