

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: AORTIC0\_23S.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 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 COHORT IDENTIFIER 0 - ORIGINAL COHORT
ID	IDENTIFICATION NUMBER deleted - use SHAREID
SHAREID	SHARE ID NUMBER
AACL1L2 Calcification	LAC Score L1-L2 (Anterior): LAC=Lumbar Aortic  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 Calcification	LAC Score L2-L3 (Anterior): LAC=Lumbar Aortic  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
AACL3L4 Calcification	LAC Score L3-L4 (Anterior): LAC=Lumbar Aortic

	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 Calcification	LAC Score L4-L5 (Anterior): LAC=Lumbar Aortic  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
APCL1L2 Calcification	LAC Score L1-L2 (Posterior): LAC=Lumbar Aortic  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 Calcification	LAC Score L2-L3 (Posterior): LAC=Lumbar Aortic  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 Calcification	LAC Score L3-L4 (Posterior): LAC=Lumbar Aortic  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 Calcification	LAC Score L4-L5 (Posterior): LAC=Lumbar Aortic  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
MISSING	Sum(OF AACL1L2-AACL4L5), EXCEPT IF 3 OR MORE VALUES 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
12	The multiplication by 4 is to fully use the scale 0 to
	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
24	The multiplication by 8 is to fully use the scale 0 to
	in case of missing values