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FRAMINGHAM HEART STUDY - CODING MANUAL
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TITLE OF DATA SET: LUMBAR AORTIC CALCIFICATION
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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 <br> **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``` |

APCL3L4

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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
    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 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
    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 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
LAC Score L3-L4 (Posterior): LAC=Lumbar Aortic
    Calcification
0=no aortic calcification
l=up to 1/3 calcification
2=between 1/3 and 2/3 calcification
3=between 2/3 and full calcification
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LAC Score L4-L5 (Posterior): LAC=Lumbar Aortic
    Calcification
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$0=$ 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)

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

