**MESA Lung Fibrosis Longitudinal HAA Data Dictionary**

| **Variable** | **Label** |
| --- | --- |
| idno | MESA PARTICIPANT ID |
| age1c | Age at baseline |
| race1c | Race (1=White 2=Chinese 3=Black 4=Hispanic) |
| gender1 | Gender (1=Male 0=Female) |
| site1c | Site at exam 1 |
| site | Site, time-variant |
| htcm15 | Height (cm), time-variant |
| wtlb15 | Weight (lbs), time-variant |
| hipcm15 | Hip circumference (cm), time-variant |
| waistcm15 | Waist circumference (cm), time-variant |
| bmi15 | Body mass index (kg/m^2), time-variant |
| new\_smkst | Cigarette smoking status, time-variant |
| ct\_exam | Exam |
| educ1 | Education, highest level completed |
| cigsday15\_t | Cigs/day for current smokers only, time-variant |
| egfr15 | Glomerular filtration rate, time variant (missing at exam 2) |
| timefactor | Time between Baseline CT and follow-up CT, in years |
| vxsz | Voxel size on cardiac CT, time-variant |
| HAA | High Attenuation Area on cardiac CT, time-variant |
| B\_emph950\_out | Emphysema 950, outside air corrected, cardiac CT, time-variant |
| b\_tot\_v\_out | Total volume imaged lung, cardiac CT, time-variant |
| b\_tot\_vx\_out | Total # voxels, cardiact CT, time-variant |
| haapercent | Percent HAA, cardiac CT, time-variant |
| haa\_full | HAA on full lung CT, exam 5 only |
| haapercent\_full | Percent HAA, full lung CT, exam 5 |
| b\_tot\_v\_out\_full | Total volume image lung, full lung CT, exam 5 |
| vxsz\_full | Voxel size, full lung CT, exam 5 |
| b\_emph950\_out\_full | Emphysema 950, full lung CT, exam 5 |
| b\_tot\_vx\_out\_full | Total # voxels, full lung CT, exam 5 |
| ct\_read | Indicator for when attenuation was measured (0=Original 1=Additional) |
| PY1\_A | Pack-years of smoking at baseline exam, recoded using cotinine data |
| miss\_PY1\_A | Missing indicator for baseline pack-years |
| aquilion\_CT | CAC Scans done on Aquilion Scanners (not used in analysis) |
| wrong\_CT | MN Scanner, wrong protocol performed (not used in analysis) |
| scanner\_EBT | Scanner var: Imatron Scanners (Ref: Siem64 NW, JH, COL) |
| scanner\_eMDCTnoJH | Scanner var: Early MDCT, except Hopkins VZ4 (Ref: Siem64 NW, JH, COL) |
| scanner\_MNLA64 | Scanner var: Siem64 MN, UCLA (Ref: Siem64 NW, JH, COL) |
| scanner\_JHUVZ4 | Scanner var: Volume Zoom at JH (Ref: Siem64 NW, JH, COL) |
| scanner\_GE64 | Scanner var: GE 64 Scanners (Ref: Siem64 NW, JH, COL) |
| wt220 | Scanner mAs var, if wt >220lbs in Exams 1-4, MDCT Scanners only |
| low\_bmi5 | Scanner mAs var, where BMI <20 in Exam 5 |
| high\_bmi5 | Scanner mAs var, where BMI >30 in Exam 5 |
| ever\_smoker | Ever smoker (1=yes) |
| current\_smoker | Current smoker (1=yes) |
| educ\_new | Education (0=HS to Assoc 1=Less than HS 2=College or more) |
| chinese | Chinese race (ref=white) |
| black | Black race (ref=white) |
| hispanic | Hispanic race (ref=white) |
| cohort\_long\_any | 1 if have more than one CT (cardiac or full) |
| cohort\_long\_cardiac | 1 if have more than one cardiac CT |