

Alphabetic List of Variables and Attributes

Variable	Type	Label
AGEI	Character	Age at enrollment (years) integer Note: In keeping with policies to protect participant privacy, participants with age >89 years have been aggregated to a single category and labeled at 90+; for all other participants, age at enrollment has been rounded down to the nearest integer. As a result, readers will not be able to recreate results as shown in the manuscript.
BDLCOPP	Numeric	DLCO % predicted at enrollment
BFVCPP	Numeric	FVC % predicted at enrollment
BO2ACT	Numeric	Supplemental O2 with activity at enrollment (1 = Yes; 0 = No)
BO2REST	Numeric	Supplemental O2 at rest at enrollment (1 = Yes; 0 = No)
BAFTX	Numeric	On antifibrotic treatment at enrollment (1 = Yes; 0 = No)
C_DEATH	Numeric	Censoring indicator for all-cause death endpoint (1 = Event; 0 = Censored)
C_FVCCOMP	Numeric	Censoring indicator for composite of absolute decline in FVC $\geq 10\%$ predicted, death, or lung transplant endpoint (1 = Event; 0 = Censored)
FSMOKER	Numeric	Former smoker at enrollment (1 = Yes; 0 = No)
MALE	Numeric	Male sex (1 = Yes; 0 = No)
MMP1L2	Numeric	Log2-transformed MMP1 concentration at enrollment
MMP2L2	Numeric	Log2-transformed MMP2 concentration at enrollment
MMP3L2	Numeric	Log2-transformed MMP3 concentration at enrollment
MMP7L2	Numeric	Log2-transformed MMP7 concentration at enrollment
MMP8L2	Numeric	Log2-transformed MMP8 concentration at enrollment
MMP9L2	Numeric	Log2-transformed MMP9 concentration at enrollment
MMP12L2	Numeric	Log2-transformed MMP12 concentration at enrollment
MMP13L2	Numeric	Log2-transformed MMP13 concentration at enrollment
TIMP1L2	Numeric	Log2-transformed TIMP1 concentration at enrollment
TIMP2L2	Numeric	Log2-transformed TIMP2 concentration at enrollment
TIMP4L2	Numeric	Log2-transformed TIMP4 concentration at enrollment
T_DEATH	Numeric	Time to all-cause death from enrollment (months)
T_FVCCOMP	Numeric	Time to composite of absolute decline in FVC $\geq 10\%$ predicted, death, or lung transplant from enrollment (months)
WHITE	Numeric	Male sex (1 = Yes; 0 = No)