

Data Set Name: metabolite_annotation.sas7bdat

Num	Variable	Type	Len	Label
1	aid	Char	6	Unique analyte id
2	chemical_name	Char	67	Name of the identified biochemical
3	super_pathway	Char	33	General biochemical class
4	sub_pathway	Char	60	Specific biochemical class
5	assay_nmiss	Num	8	Number of samples with missing values
6	chem_id	Num	8	Unique biochemical identifier
7	lib_id	Num	8	
8	comp_id	Num	8	Compound identifier
9	chro_lib_entry_id	Num	8	
10	pathway_sortorder	Num	8	Biochemical sort order
11	type	Char	7	Is compound named or unnamed/unknown
12	inchikey	Char	27	IUPAC textual chemical identifier derived from INChI
13	smiles	Char	211	Simplified molecular-input line-entry system (SMILES) line notation string for the identified molecule
14	plot_name	Char	67	Abbreviated biochemical name, for plotting
15	lipid_species_level	Char	8	Lipid class and composition of the measured lipid species
16	lipid_molecular_species_level	Char	12	Lipid class of the metabolite measured with specific fatty acyl/alkyl-residues
17	lipid_sn_position_level	Char	12	Glycerolipid and phospholipid classes and position of the fatty acyl/alkyl constituents on the glycerol backbone
18	cas	Char	28	Chemical Abstracts Service (CAS) numerical identifier
19	chemspider	Char	12	ChemSpider molecule identifier
20	hmdb	Char	47	Human Metabolome Database (HMDB) compound identifier
21	kegg	Char	27	Kyoto Encyclopedia of Genes and Genomes (KEGG) compound identifier
22	pubchem	Char	36	National Center for Biotechnology Information (NCBI) identifier, searchable in the PubChem database
23	platform	Char	9	Biochemical report method
24	cid	Char	10	

Data Set Name: *pvd_biolincc_clinicaldataset_arch.sas7bdat*

Num	Variable	Type	Len	Label
1	pidd	Char	6	Alternative IDs
2	CONSENT	Num	8	F100: Which consent was signed? (1=Main/Comparator, 2=Control)
3	GENETIC_CONSENT	Num	8	F100: Did participant agree to be contacted if clinically relevant genetic results become available? (0=No, 1=Yes)
4	PARTICIPANT_AGREE	Num	8	F100: If participant agree to be contacted for genetic results (and participant is not a control), what did the participant agree to?
5	BIOBANK	Num	8	F100: Did participant sign Biobank consent form? (0=No, 1=Yes)
6	sex	Num	8	F100: Sex of participant? (1=Male, 2=Female)
7	HISPANIC	Num	8	F100: Hispanic or Latino ethnicity? (0=No, 1=Yes, 9=Unknown or not reported)
8	RACE	Num	8	F100: Race?
9	HEAR_STUDY	Num	8	F100: How did this participant first hear about the study?
10	MAIN_COMP	Num	8	F100: If main/comparator, what type of participant is this? (1=Main, 2=Comparator)
11	age	Num	8	Age (yrs) at enrollment
12	MARITAL	Num	8	F104: Marital status
13	HH_STATUS	Num	8	F104: Household status
14	EDUCATION	Num	8	F104: Highest level of formal education achieved
15	LANG	Num	8	F104: Participant's primary language?
16	EMPLOYED	Num	8	F104: Last year the participant was employed
17	WORK_STATUS	Num	8	F104: Current work status
18	HH_INCOME	Num	8	F104: Current household gross annual income (U.S. dollars)
19	HH_NO	Num	8	F104: Number of people considered to be part of this household?
20	race_sh	Num	8	Race (black, white, other)
21	female	Num	8	Female
22	black	Num	8	Black or African American
23	tim_enr	Num	8	Time of enrollment
24	ccnn	Num	8	Participating Site
25	diag1	Num	8	F102: Diagnosed with any of these WSPH Group 1 comparator diagnoses
26	PH_MILD	Num	8	F102: Group 1 Comp: Mild PH (mPAP 21 to <25)
27	EPAH	Num	8	F102: Group 1 Comp: ePAH (exercise mPAP≤30, flow<10L/min, and mPAP-Q slope>3) (mmHg*min/L)
28	HPAH	Num	8	F102: Group 1 Comp: Relative of heritable pulmonary arterial hypertension (HPAH)
29	CTD_MILD	Num	8	F102: Group 1 Comp: CTD with mild (mPAP 21 to <25) to no PH
30	diag2	Num	8	F102: Diagnosed with any of these WSPH Group 2 comparator diagnoses

Num	Variable	Type	Len	Label
31	mild_risk	Num	8	F102: Group 2 Comp: Mild PVD risk associated with LHD (left heart disease with mPAP<25)
32	mod_risk	Num	8	F102: Group 2 Comp: Moderate PVD risk associated with LHD
33	IPC_PH	Num	8	F102: Group 2 Comp: Isolated post-capillary pulmonary hypertension (Ipc-PH) mPAP>=25, PVR<3, DPG<7 (mmHg)
34	diag3	Num	8	F102: Diagnosed with any of these WSPH Group 3 comparator diagnoses
35	c_copd	Num	8	F102: Group 3 Comp: Chronic Obstructive Pulmonary Disease (COPD)
36	c_ipf	Num	8	F102: Group 3 Comp: Idiopathic Pulmonary Fibrosis (IPF)
37	c_ild	Num	8	F102: Group 3 Comp: Other Interstitial Lung Disease (ILD) incl. CPFE and SSc-ILD
38	c_osa	Num	8	F102: Group 3 Comp: Obstructive Sleep Apnea (OSA)
39	c_ohs	Num	8	F102: Group 3 Comp: Obesity Hypoventilation Syndrome (OHS)
40	diag4	Num	8	F102: Diagnosed with any of these WSPH Group 4 comparator diagnoses
41	CHRONIC_PE	Num	8	F102: Group 4 Comp: Chronic PE with mild to no PVD (mPAP<25)
42	PH_DIAG	Num	8	F102: PH diagnosed at time of enrollment?
43	PH_WHO_GRP	Num	8	F102: WSPH Group identified prior to enrollment (if available)
44	whogrp1	Num	8	F102: WSPH 1 Subgroup
45	IPAH	Num	8	F102: Group 1: IPAH
46	FPAH	Num	8	F102: Group 1: FPAH
47	DIPAH	Num	8	F102: Group 1: DiPAH
48	CONN_TISSUE	Num	8	F102: Group 1: CTD
49	SLE	Num	8	F102: Group 1: SLE
50	SJOGRENS	Num	8	F102: Group 1: Sjogrens
51	RA	Num	8	F102: Group 1: RA
52	MCTD	Num	8	F102: Group 1: MCTD
53	SSC	Num	8	F102: Group 1: SSc
54	antisynt	Num	8	F102: Group 1: Antisynt. Syndr.
55	phyper	Num	8	F102: Group 1: Portal Hypert.
56	CHD	Num	8	F102: Group 1: CHD
57	shunt	Num	8	F102: Group 1: Shunt repaired
58	schist	Num	8	F102: Group 1: Schistosomiasis
59	PCH	Num	8	F102: Group 1: PCH
60	PVOD	Num	8	F102: Group 1: PVOD
61	whogrp2	Num	8	F102: WSPH 2 Subgroup
62	VHD	Num	8	F102: Group 2: Valvular heart disease
63	STENOTIC	Num	8	F102: Group 2: Stenotic?
64	regurg	Num	8	F102: Group 2: Regurgitant?

Num	Variable	Type	Len	Label
65	sysfail	Num	8	F102: Group 2: Systolic Heart Failure (HFrEF)
66	hrtfail	Num	8	F102: Group 2: Heart Failure with Preserved Ejection Fraction (HFpEF)
67	myopathy	Num	8	F102: Group 2: Cardiomyopathy
68	trophic	Num	8	F102: Group 2: Hypertrophic?
69	restr	Num	8	F102: Group 2: Restrictive?
70	whogrp3	Num	8	F102: WSPH 3 Subgroup
71	COPD	Num	8	F102: Group 3: COPD
72	IPF	Num	8	F102: Group 3: IPF
73	CPFE	Num	8	F102: Group 3: CPFE
74	ILD	Num	8	F102: Group 3: ILD
75	OSA	Num	8	F102: Group 3: OSA
76	RLD	Num	8	F102: Group 3: RLD
77	OHS	Num	8	F102: Group 3: OHS
78	pneum	Num	8	F102: Group 3: Hypersensitivity pneumonitis
79	thor	Num	8	F102: Group 3: Thoracic cage abnormality
80	whogrp4	Num	8	F102: WSPH 4 Subgroup
81	CTEPH	Num	8	F102: Group 4: CTEPH
82	whogrp5	Num	8	F102: WPSH 5 Subgroup
83	sarc	Num	8	F102: Group 5: Sarcoidosis
84	myelo	Num	8	F102: Group 5: Myeloproliferative disease
85	hemog	Num	8	F102: Group 5: Hemoglobinopathy
86	sickle	Num	8	F102: Group 5: Sickle cell
87	thal	Num	8	F102: Group 5: Thalassemia
88	PTE	Num	8	F102: Group 4: PTE
89	BPA	Num	8	F102: Group 4: BPA
90	HHT	Num	8	F102: Group 1: HHT
91	unctd	Num	8	F102: Group 1: Undiff. CTD
92	cystfib	Num	8	F102: Group 3: Cystic Fibrosis
93	MPCW18	Num	8	F102: Group 2 Comp: Provocable mPVW>18 with V waves<5 following challenge
94	MPCW15	Num	8	F102: Group 2 Comp: Provocable mPVW>15 with V waves>5 following challenge
95	MILD_PVD_RISK	Num	8	F102: Group 3 Comp: Mild to no PVD risk (mPAP<21)
96	MOD_PVD_RISK	Num	8	F102: Group 3 Comp: Moderate PVD risk (mPAP 21 to <25)
97	rest_lung	Num	8	F102: Group 3 Comp: Moderate-significant restrictive lung physiology without ILD
98	ph_G1oth	Num	8	F102: Group 1: Other
99	ph_G2oth	Num	8	F102: Group 2: Other
100	ph_g3oth	Num	8	F102: Group 3: Other

Num	Variable	Type	Len	Label
101	ph_G4oth	Num	8	F102: Group 4: Other
102	ph_G5oth	Num	8	F102: Group 5: Other
103	c_ipah	Num	8	F102: Group 1 Comp: IPAH
104	c_fpah	Num	8	F102: Group 1 Comp: FPAH
105	c_hht	Num	8	F102: Group 1 Comp: HHT
106	c_pah	Num	8	F102: Group 1 Comp: Drug Induced PAH
107	c_conn_tissue	Num	8	F102: Group 1 Comp: CTD
108	c_sle	Num	8	F102: Group 1 Comp: SLE
109	c_sjogrens	Num	8	F102: Group 1 Comp: Sjogrens
110	c_ra	Num	8	F102: Group 1 Comp: RA
111	c_mtc	Num	8	F102: Group 1 Comp: MTCD
112	c_antisynth	Num	8	F102: Group 1 Comp: Antisynth. Syndr
113	c_untcd	Num	8	F102: Group 1 Comp: Undiff. CTD
114	c_phyper	Num	8	F102: Group 1 Comp: Portal Hypert.
115	c_chd	Num	8	F102: Group 1 Comp: CHD
116	c_shunt	Num	8	F102: Group 1 Comp: Shunt repaired
117	c_shist	Num	8	F102: Group 1 Comp: Schistosomiasis
118	c_pch	Num	8	F102: Group 1 Comp: PCH
119	c_pvod	Num	8	F102: Group 1 Comp: PVOD
120	c_vhd	Num	8	F102: Group 2 Comp: Valvular heart disease
121	c_stenotic	Num	8	F102: Group 2 Comp: Stenotic?
122	c_regurg	Num	8	F102: Group 2 Comp: Regurgitant?
123	c_sysfail	Num	8	F102: Group 2 Comp: Systolic Heart Failure (HFrEF)
124	c_hrtfail	Num	8	F102: Group 2 Comp: Heart Failure with Preserved Ejection Fraction (HFpEF)
125	c_myopathy	Num	8	F102: Group 2 Comp: Cardiomyopathy
126	c_trophic	Num	8	F102: Group 2 Comp: Hypertrophic?
127	c_restr	Num	8	F102: Group 2 Comp: Restrictive?
128	c_thor	Num	8	F102: Group 3 Comp: Thoracic cage abnormality
129	c_cysticfib	Num	8	F102: Group 3 Comp: Cystic Fibrosis
130	c_pte	Num	8	F102: Group 4 Comp: PTE
131	c_bpa	Num	8	F102: Group 4 Comp: BPA
132	diag5	Num	8	F102: Diagnosed with any of these WSPH Group 5 comparator diagnoses
133	c_hemog	Num	8	F102: Group 5 Comp: Myeloproliferative disease
134	c_myelo	Num	8	F102: Group 5 Comp: Hemoglobinopathy
135	c_G1oth	Num	8	F102: Group 1 Comp: Other
136	c_G2oth	Num	8	F102: Group 2 Comp: Other
137	c_G3oth	Num	8	F102: Group 3 Comp: Other

Num	Variable	Type	Len	Label
138	c_G4oth	Num	8	F102: Group 4 Comp: Other
139	c_G5oth	Num	8	F102: Group 5 Comp: Other
140	c_sarc	Num	8	F102: Group 1,3,5 Comp: Sarcoidosis
141	c_ssc	Num	8	F102: Group 1,3 Comp: SSc
142	ph_age_diag	Num	8	F102: Age at diagnosis (yrs)
143	ph_yrs	Num	8	F102: Years of PH at time of enrollment
144	f_status	Num	8	Final PVD Status
145	f_wnow	Num	8	Final WSPH Group (mixed separately)
146	f_wnowt	Num	8	Final WSPH Group (primary only)
147	f_wnow_c	Num	8	Final Comparator Group (mixed separately)
148	f_wnowt_c	Num	8	Final Comparator Group (primary only)
149	f_group	Char	3	Final WSPH Group (with mixed details)
150	f_compgrp	Char	3	Final Comparator Group (with mixed details)
151	adjclass	Num	8	Adjudicated Status
152	fc	Num	8	F115: Functional Class
153	ph_prev	Num	8	PH: Diagnosed prior enrollment
154	shunt_all	Num	8	History of shunt, status
155	compera_4strat	Num	8	Compera 2.0: 4-stratum risk
156	french_crit	Num	8	French Non-invasive risk score
157	reveal_lite2	Num	8	REVEAL Lite 2 risk score
158	ICU	Num	8	F103: In the last 12 months, how many times was the patient admitted to an ICU for > 24 hours
159	INTUBATED	Num	8	F103: Ever been intubated other than for surgery?
160	MI	Num	8	F103: Myocardial infarction (MI)?
161	MI_WITHIN_1YR	Num	8	F103: Myocardial infarction in past year?
162	MI_AFTER_1YR	Num	8	F103: Myocardial infarction > than 1 year?
163	CAB	Num	8	F103: Coronary artery bypass grafting or stenting of coronary artery?
164	ATRIAL_ARRHY	Num	8	F103: History of atrial arrhythmia (no, past and/or current)
165	TIA	Num	8	F103: Cerebrovascular/TIA disease?
166	CVA	Num	8	F103: CVA (no, with / without residual deficit)?
167	CAROTID_STEN	Num	8	F103: Carotid stenosis?
168	PVD	Num	8	F103: Peripheral vascular disease?
169	CLAUD	Num	8	F103: Claudication with medical therapy or stenting or surgery?
170	TAA_DISSECT	Num	8	F103: TAA or AAA or dissection?
171	TAA_REPAIR	Num	8	F103: TAA or AAA repair/grafting?
172	HYPERTENSION	Num	8	F103: History of hypertension
173	DIABETES	Num	8	F103: History of diabetes (Y/N)
174	DM_DIET	Num	8	F103: Current diabetes therapy: Diabetes controlled by diet only

Num	Variable	Type	Len	Label
175	DM_ORAL	Num	8	F103: Current diabetes therapy: Currently taking oral meds
176	DM_INSULIN	Num	8	F103: Current diabetes therapy: Currently using insulin
177	RETINOPATHY	Num	8	F103: Retinopathy?
178	NEUROPATHY	Num	8	F103: Neuropathy?
179	KIDNEY_DIS	Num	8	F103: History of kidney disease
180	THYROID_DIS	Num	8	F103: History of thyroid disease
181	HYPERTHYROIDISM	Num	8	F103: Hyperthyroidism?
182	HYPOTHYROIDISM	Num	8	F103: Hypothyroidism?
183	depression_trt	Num	8	F103: History of clinically diagnosed depression (with or w/o trt)
184	PBC	Num	8	F103: Primary biliary cirrhosis (PBC)?
185	AIRWAY_DIS	Num	8	F103: History of reactive airway disease?
186	HEP_B_POS	Num	8	F103: Hepatitis B surface antigen positive?
187	HEP_C_POS	Num	8	F103: Hepatitis C positive?
188	HEP_NOS	Num	8	F103: Hepatitis (not otherwise specified, treated or not)?
189	hiv_f103	Num	8	F103: HIV (Human Immunodeficiency Virus) infection/AIDs?
190	CANCER	Num	8	F103: History of cancer (other than non-melanoma skin cancer, no, </>= 5 yrs ago)?
191	EXER_FREQ	Num	8	F103: Current exercise frequency (times per week)
192	EXER_DUR	Num	8	F103: Current usual exercise duration (minutes)
193	CARDIAC_SHUNT	Num	8	F103: History of a cardiac shunt?
194	SHUNT_PFO	Num	8	F103: Patent foramen ovale (PFO)
195	SHUNT_ASD	Num	8	F103: Atrial septal defect (ASD)
196	SHUNT_VSD	Num	8	F103: Ventricular septal defect (VSD)
197	SHUNT_SEPTOSTOMY	Num	8	F103: Atrial septostomy
198	SHUNT_STATUS	Num	8	F103: If cardiac shunt, Status of shunt
199	comorb_done	Num	8	F103: Non-PVD Comorbidities completed
200	diab_type	Num	8	F103: History of diabetes (type)
201	depression_yn	Num	8	F103: History of clinically diagnosed depression (y/n)
202	atrial_arrhy_yn	Num	8	F103: History of atrial arrhythmia (y/n)
203	cva_yn	Num	8	F103: CVA (y/n)?
204	cancer_yn	Num	8	F103: History of cancer (other than non-melanoma skin cancer, y/n)?
205	coronary	Num	8	F103: History of coronary disease (MI or coronary artery bypass)
206	ANTI_HB_CORE	Num	8	F204: Hepatitis B Core Antibody (0=Negative, 1=Positive)
207	ANTI_HC	Num	8	F204: Hepatitis C Antibody (0=Negative, 1=Positive)
208	HBSAG	Num	8	F204: Hepatitis B surface Antigen (0=Negative, 1=Positive)
209	ANTI_HB_SURFACE	Num	8	F204: Hepatitis B surface Antibody (0=Negative, 1=Positive, 2=Not obtained, 3=Indeterminate)
210	hep_historical	Num	8	F204: Historical data used? (0=No, 1=Yes)
211	met_syn	Num	8	Metabolic Syndrome

Num	Variable	Type	Len	Label
212	arrhyth	Num	8	Arrhythmia
213	aneurysm	Num	8	Aneurysm
214	ckd_grade_g3	Num	8	CKD grade > 3 (Y/N)
215	tim_enr_comorb	Num	8	Days from Enrollment to Comorbidity History
216	tim_diag_comorb	Num	8	For PH: Days from PH Diagnosis to Comorbidity History
217	IND_SOLV	Num	8	F105: Exposed to industrial solvents
218	IND_SOLV_YRS	Num	8	F105: Number of years exposed to solvent
219	ASBESTOS	Num	8	F105: Exposed to asbestos?
220	ASBESTOS_YRS	Num	8	F105: Number of years exposed to asbestos
221	MINERAL_DUST	Num	8	F105: Exposed to mineral dust?
222	MINERAL_DUST_YRS	Num	8	F105: Number of years exposed to mineral dust
223	ALTITUDE	Num	8	F105: High altitude exposure? (>5,000 ft)
224	ALTITUDE_YRS	Num	8	F105: Number of years of high altitude exposure
225	ANIMALS	Num	8	F105: Exposure to animals and birds?
226	DOGS	Num	8	F105: Exposure to Dog(s)
227	CATS	Num	8	F105: Exposure to Cat(s)
228	BIRDS	Num	8	F105: Exposure to Bird(s)
229	HORSES	Num	8	F105: Exposure to Horse(s)
230	MOLDS	Num	8	F105: Exposure to molds?
231	DIET_USE	Num	8	F105: Use of diet drugs?
232	DIET_PRESC	Num	8	F105: Was diet drug(s) prescribed by physician?
233	DIET_OTC	Num	8	F105: Was diet drug(s) purchased over-the-counter?
234	REC_USE	Num	8	F105: Recreational drug use?
235	MARIJUANA	Num	8	F105: Marijuana
236	COCAINE	Num	8	F105: Cocaine
237	AMPHETAMINE	Num	8	F105: Amphetamine derivative
238	NARCOTICS	Num	8	F105: Narcotics
239	OPIATES	Num	8	F105: Opiates
240	OTHER_REC	Num	8	F105: Other recreational drugs
241	CIGARETTES	Num	8	F105: Do you or did you smoke cigarettes
242	CIG_AGE_START	Num	8	F105, Q12b: Age started smoking cigarettes regularly
243	CIG_DAY_CT	Num	8	F105, Q12c: On average day - n of cigarettes
244	CIG_AGE_QUIT	Num	8	F105, Q12d: Age quit smoking cigarettes
245	E_CIG	Num	8	F105: Do you or did you smoke e-cigarettes
246	E_CIG_START	Num	8	F105, Q13b: Age started smoking e-cigarettes regularly
247	E_CIG_QUIT	Num	8	F105, Q13c: Age quit smoking e-cigarettes
248	CIGARS	Num	8	F105: Do you or did you smoke cigars
249	PIPE	Num	8	F105: Do you or did you smoke a tobacco pipe
250	SMOKELESS	Num	8	F105: Do you or did you ever use smokeless tobacco

Num	Variable	Type	Len	Label
251	ALC	Num	8	F105: Do you or did you drink alcohol?
252	ALC_WK_CT	Num	8	F105: Usual number of drinks of wine, beer or liquor during an average week?
253	expos_done	Num	8	F105: Exposure form completed
254	smoke	Num	8	F105: Current or former cigarette smoker
255	cig_pack_yrs	Num	8	F105: Cigarettes: Packyrs smoked
256	tim_enr_quitcig	Num	8	F105: Cigarettes: Years between enrollment and quitting
257	tim_enr_expos	Num	8	Days from Enrollment to Exposure History
258	tim_diag_expos	Num	8	For PH: Days from PH Diagnosis to Exposure History
259	DVT	Num	8	F106: Deep vein thrombosis (DVT) (History)
260	DVT_AGE	Num	8	F106: Deep vein thrombosis (DVT) (Age (in yrs) of First Event)
261	DVT_PROVOKE	Num	8	F106: Deep vein thrombosis (DVT) (Provoked*/Unprovoked)
262	DVT_FAMILY	Num	8	F106: Deep vein thrombosis (DVT) (Family History)
263	PE	Num	8	F106: Pulmonary embolism (PE)(History)
264	PE_AGE	Num	8	F106: Pulmonary embolism (PE) (Age (in yrs) of First Event)
265	PE_PROVOKE	Num	8	F106: Pulmonary embolism (PE) (Provoked*/Unprovoked)
266	PE_FAMILY	Num	8	F106: Pulmonary embolism (PE) (Family History)
267	mi_f106	Num	8	F106: Myocardial infarction (MI) (History)
268	MI_FAMILY	Num	8	F106: Myocardial infarction (MI) (Family History)
269	cva_f106	Num	8	F106: Cerebrovascular accident (CVA) (History)
270	CVA_FAMILY	Num	8	F106: Cerebrovascular accident (CVA) (Family History)
271	ART_THR	Num	8	F106: Arterial thrombosis in other site (History)
272	ART_THR_FAMILY	Num	8	F106: Arterial thrombosis in other site(Family History)
273	ANTICOAG_THERAPY	Num	8	F106: anticoagulation therapy (Y/N)
274	CLOTTING	Num	8	F106: Clotting disorder (History)
275	CLOTTING_FAMILY	Num	8	F106: Clotting disorder (Family History)
276	PLT_ABN	Num	8	F106: Platelet abnormality (History)
277	PLT_ABN_FAMILY	Num	8	F106: Platelet abnormality (Family History)
278	THROMBOCYTOSIS	Num	8	F106: Platelet abnormality: Thrombocytosis (History)
279	THROMBOCYTOSIS_FAMILY	Num	8	F106: Platelet abnormality: Thrombocytosis (Family History)
280	THROMBOCYTOPENIA	Num	8	F106: Platelet abnormality: Thrombocytopenia (History)
281	THROMBOCYTOPENIA_FAMILY	Num	8	F106: Platelet abnormality: Thrombocytopenia (Family History)
282	PLT_ABN_OTHER	Num	8	F106: Platelet abnormality: Other (History)
283	PLT_ABN_OTHER_FAMILY	Num	8	F106: Platelet abnormality: Other (Family History)
284	HEMO_ANEMIA	Num	8	F106: Chronic hemolytic anemia (History)
285	SICKLE_CELL	Num	8	F106: Chronic hemolytic anemia: Sickle cell (History)
286	THALASSEMIA	Num	8	F106: Chronic hemolytic anemia: Thalassemia (History)
287	HEMO_ANEMIA_OTHER	Num	8	F106: Chronic hemolytic anemia: Other (History)
288	MYELOYDYSPLASTIC_SYND	Num	8	F106: Myelodysplastic syndrome (History)

Num	Variable	Type	Len	Label
289	LYMPHOMA	Num	8	F106: Lymphoma (History)
290	LEUKEMIA	Num	8	F106: Leukemia (History)
291	ANTIPLT_ANTICOAG_THERAPY	Num	8	F106: antiplatelet or anticoagulant therapy (prior history)
292	CATHETER	Num	8	F106: intravenous indwelling catheter (Current or history)
293	CATH_DVT_PE	Num	8	F106: indwelling catheter associated with a DVT or PE (history) (Y/N)
294	MOM_RACE	Num	8	F107: Mothers race
295	MOM_HISPANIC	Num	8	F107: Mother: Hispanic or Latino ethnicity (Y/N)
296	DAD_RACE	Num	8	F107: Fathers race
297	DAD_HISPANIC	Num	8	F107: Father: Hispanic or Latino ethnicity (Y/N)
298	PH_HISTORY	Num	8	F107: Family history of pulmonary hypertension
299	PVD_ENROLLED	Num	8	F107: Living family member enrolled in PVDOMICS (Y/N)
300	MOM_PH	Num	8	F107: Mother: PH
301	MOM_WHO_GRP	Num	8	F107: Mother: WHO Group Class
302	MOM_DEATH	Num	8	F107: Mother: Unexplained Sudden Death
303	MOM_DEATH_AGE	Num	8	F107: Mother: Age (years) at death
304	DAD_PH	Num	8	F107: Father: PH
305	DAD_WHO_GRP	Num	8	F107: Father: WHO Group Class
306	DAD_DEATH	Num	8	F107: Father: Unexplained Sudden Death
307	DAD_DEATH_AGE	Num	8	F107: Father: Age (years) at death
308	SIS_PH	Num	8	F107: Sister(s): PH
309	SIS_WHO_GRP	Num	8	F107: Sister(s): WHO Group Class
310	SIS_DEATH	Num	8	F107: Sister(s): Unexplained Sudden Death
311	SIS_DEATH_AGE	Num	8	F107: Sister(s): Age (years) at death
312	BRO_PH	Num	8	F107: Brother(s): PH
313	BRO_WHO_GRP	Num	8	F107: Brother(s): WHO Group Class
314	BRO_DEATH	Num	8	F107: Brother(s): Unexplained Sudden Death
315	BRO_DEATH_AGE	Num	8	F107: Brother(s): Age (years) at death
316	MAT_GRANDMA_PH	Num	8	F107: Maternal grandmother: PH
317	MAT_GRANDMA_WHO_GRP	Num	8	F107: Maternal grandmother: WHO Group Class
318	MAT_GRANDMA_DEATH	Num	8	F107: Maternal grandmother: Unexplained Sudden Death
319	MAT_GRANDMA_DEATH_AGE	Num	8	F107: Maternal grandmother: Age (years) at death
320	MAT_GRANDPA_PH	Num	8	F107: Maternal grandfather: PH
321	MAT_GRANDPA_DEATH	Num	8	F107: Maternal grandfather: Unexplained Sudden Death
322	MAT_GRANDPA_DEATH_AGE	Num	8	F107: Maternal grandfather: Age (years) at death
323	PAT_GRANDMA_PH	Num	8	F107: Paternal grandmother: PH
324	PAT_GRANDMA_DEATH	Num	8	F107: Paternal grandmother: Unexplained Sudden Death
325	PAT_GRANDPA_PH	Num	8	F107: Paternal grandfather: PH
326	PAT_GRANDPA_DEATH	Num	8	F107: Paternal grandfather: Unexplained Sudden Death

Num	Variable	Type	Len	Label
327	MAT_AUNT_PH	Num	8	F107: Maternal Aunt: PH
328	MAT_AUNT_WHO_GRP	Num	8	F107: Maternal Aunt: WHO Group Class
329	MAT_AUNT_DEATH	Num	8	F107: Maternal Aunt: Unexplained Sudden Death
330	MAT_UNCLE_PH	Num	8	F107: Maternal Uncle: PH
331	MAT_UNCLE_DEATH	Num	8	F107: Maternal Uncle: Unexplained Sudden Death
332	MAT_UNCLE_DEATH_AGE	Num	8	F107: Maternal Uncle: Age (years) at death
333	PAT_AUNT_PH	Num	8	F107: Paternal Aunt: PH
334	PAT_AUNT_WHO_GRP	Num	8	F107: Paternal Aunt: WHO Group Class
335	PAT_AUNT_DEATH	Num	8	F107: Paternal Aunt: Unexplained Sudden Death
336	PAT_AUNT_DEATH_AGE	Num	8	F107: Paternal Aunt: Age (years) at death
337	PAT_UNCLE_PH	Num	8	F107: Paternal Uncle: PH
338	PAT_UNCLE_WHO_GRP	Num	8	F107: Paternal Uncle: WHO Group Class
339	PAT_UNCLE_DEATH	Num	8	F107: Paternal Uncle: Unexplained Sudden Death
340	PAT_UNCLE_DEATH_AGE	Num	8	F107: Paternal Uncle: Age (years) at death
341	CHILD1_PH	Num	8	F107: Child 1: PH
342	CHILD1_WHO_GRP	Num	8	F107: Child 1: WHO Group Class
343	CHILD1_DEATH	Num	8	F107: Child 1: Unexplained Sudden Death
344	CHILD1_DEATH_AGE	Num	8	F107: Child 1: Age (years) at death
345	CHILD2_PH	Num	8	F107: Child 2: PH
346	CHILD2_WHO_GRP	Num	8	F107: Child 2: WHO Group Class
347	CHILD2_DEATH	Num	8	F107: Child 2: Unexplained Sudden Death
348	CHILD2_DEATH_AGE	Num	8	F107: Child 2: Age (years) at death?
349	CHILD3_PH	Num	8	F107: Child 3: PH
350	CHILD3_DEATH	Num	8	F107: Child 3: Unexplained Sudden Death
351	CHILD3_DEATH_AGE	Num	8	F107: Child 3: Age (years) at death
352	CHILD4_PH	Num	8	F107: Child 4: Have PH?
353	CHILD4_DEATH	Num	8	F107: Child 4: Unexplained Sudden Death?
354	CHILD5_PH	Num	8	F107: Child 5: PH
355	CHILD5_DEATH	Num	8	F107: Child 5: Unexplained Sudden Death
356	CHILD6_PH	Num	8	F107: Child 6: PH
357	CHILD6_DEATH	Num	8	F107: Child 6: Unexplained Sudden Death
358	CHILD7_PH	Num	8	F107: Child 7: PH
359	CHILD7_DEATH	Num	8	F107: Child 7: Unexplained Sudden Death
360	CHILD8_PH	Num	8	F107: Child 8: PH
361	CHILD8_DEATH	Num	8	F107: Child 8: Unexplained Sudden Death
362	CHILD9_PH	Num	8	F107: Child 9: PH
363	CHILD9_DEATH	Num	8	F107: Child 9: Unexplained Sudden Death
364	CHILD10_PH	Num	8	F107: Child 10: PH
365	CHILD10_DEATH	Num	8	F107: Child 10: Unexplained Sudden Death

Num	Variable	Type	Len	Label
366	MAT_NIECE_PH	Num	8	F107: Maternal Niece(s): PH
367	MAT_NIECE_WHO_GRP	Num	8	F107: Maternal Niece(s): WHO Group Class
368	MAT_NIECE_DEATH	Num	8	F107: Maternal Niece(s): Unexplained Sudden Death
369	MAT_NEPHEW_PH	Num	8	F107: Maternal Nephew(s): PH
370	MAT_NEPHEW_DEATH	Num	8	F107: Maternal Nephew(s): Unexplained Sudden Death
371	PAT_NIECE_PH	Num	8	F107: Paternal Niece(s): PH
372	PAT_NIECE_DEATH	Num	8	F107: Paternal Niece(s): Unexplained Sudden Death
373	PAT_NEPHEW_PH	Num	8	F107: Paternal Nephew(s): PH
374	PAT_NEPHEW_DEATH	Num	8	F107: Paternal Nephew(s): Unexplained Sudden Death
375	TRANSFUSION	Num	8	F110: Blood transfusion(s)
376	PLATELETS	Num	8	F110: Platelet transfusion(s)
377	IVIG	Num	8	F110: Intravenous immunoglobulin (IVIG)
378	IMMUNO_CHEMO	Num	8	F110: Chemotherapy and/or immunosuppressive medications
379	REST_O2	Num	8	F110: Is the participant currently using oxygen at rest?
380	REST_LPM	Num	8	F110: If O2 at rest, how much does participant report using in liters per minutes (lpm)
381	NIGHT_O2	Num	8	F110: Is the participant currently using oxygen at night?
382	NIGHT_LPM	Num	8	F110: If O2 at night, how much does participant report using in liters per minutes (lpm): label
383	EXERTION_O2	Num	8	F110: Is the participant currently using oxygen on exertion?
384	EXERTION_LPM	Num	8	F110: If O2 on exertion, how much does participant report using in liters per minutes (lpm)
385	ACEI	Num	8	On Angiotensin-converting enzyme inhibitors (ACEi)
386	ANTIARRHYTHMICS	Num	8	On Antiarrhythmics
387	ANTICOAGULANTS_DOACS	Num	8	On anticoagulants - DOACS
388	ANTICOAGULANTS_OTHER	Num	8	On other anticoagulants
389	ANTIHYPERTENSIVES_OTHER	Num	8	On other HTN
390	ARB	Num	8	On Angiotensin Receptor Blockers (ARBs)
391	ARNI	Num	8	On angiotensin receptor neprilysin inhibitor (ARNI)
392	ASPRIN	Num	8	On Aspirin
393	BETA_BLOCKERS	Num	8	On Beta Blockers
394	BILE_ACID_SEQUESTRANTS	Num	8	On bile acid sequestrants
395	CARDIAC_MED	Num	8	On Cardiac Medication
396	DIGOXEN	Num	8	On digoxin
397	DIURETICS	Num	8	On diuretics
398	FIBRATES	Num	8	On fibrates
399	NITRATES	Num	8	On nitrates
400	OTHER_ANTIANGINAL	Num	8	On other antianginal meds
401	OTHER_CHOLESTEROL_LOWERING_MEDS	Num	8	On other cholesterol lowering meds
402	P2Y12_INHIBITORS	Num	8	On P2Y12 inhibitors

Num	Variable	Type	Len	Label
403	STATINS	Num	8	On statins
404	ph_pde5i	Num	8	PH Med: PDE5i
405	ph_era	Num	8	PH Meds: Endothelin receptor antagonists (ERAs)
406	ph_prost	Num	8	PH Meds: Prostanoids
407	ph_sgc	Num	8	PH Med: Soluble guanylate cyclase stimulator
408	ph_ccb	Num	8	On CCB meds for PH
409	PH_MED	Num	8	On PH Medication
410	ccb	Num	8	On CCB meds not for PH
411	ALDOSTERONE	Num	8	On aldosterone
412	prost_admrt1	Num	8	Prostanoids: Route of administration
413	prost_admrt2	Num	8	Prostanoids: Route of administration
414	REFRAIN	Num	8	F120: Did participant refrain from caffeine, smoking and exercise at least 30 minutes prior to measurements?
415	PULSE	Num	8	F120: Pulse (beats per min)
416	RESP	Num	8	F120: Respiratory rate (breath per min, at rest)
417	TEMP	Num	8	F120: Temp taken sublingually (F)
418	sys_f120	Num	8	F120: Resting Systolic BP (mmHg)
419	dia_f120	Num	8	F120: Resting Diastolic BP (mmHg)
420	vitals_done	Num	8	F120: Vital Signs Done
421	tim_enr_vitals	Num	8	Days from Enrollment to Vitals
422	tim_diag_vitals	Num	8	For PH: Days from PH Diagnosis to Vitals
423	MENSES_AGE	Num	8	F121: Age at first menses
424	MENSES_STATUS	Num	8	F121: Menstrual cycle status
425	REGULAR	Num	8	F121: Periods regular (Y/N)
426	NO_TIMES_YR	Num	8	F121: Times periods per year
427	CHILD_BEARING	Num	8	F121: Current child-bearing potential
428	BIRTH_CONTROL	Num	8	F121: Birth control (Y/N)
429	GYN_SURGERY	Num	8	F121: Gynecological surgery (Y/N)
430	TAH	Num	8	F121: Gynecological surgery: Total abdominal hysterectomy (TAH) (Y/N)
431	OOPHOR	Num	8	F121: Gynecological surgery: Oophorectomy (Y/N)
432	ABLATION	Num	8	F121: Gynecological surgery: Endometrial ablation (Y/N)
433	TUBAL_LIGATION	Num	8	F121: Gynecological surgery: Tubal ligation (Y/N)
434	OTH_SURG	Num	8	F121: Other gynecological surgery (Y/N)
435	PREGNANT	Num	8	F121: Ever pregnant (Y/N)
436	NO_PREGS	Num	8	F121: Number of pregnancies
437	NO_LIVE_BIRTHS	Num	8	F121: Number of live births
438	CONTRACEPTIVES	Num	8	F121: Ever used contraceptives (Y/N)
439	ORAL_ESTRO	Num	8	F121: Contraceptive(s) use: Oral (estrogen/progesterone)

Num	Variable	Type	Len	Label
440	ORAL_ESTRO_YRS	Num	8	F121: Contraceptive(s) use: Overall, number of years taking oral contraceptive(s)
441	ORAL_PROG	Num	8	F121: Contraceptive(s) use: Oral progestogens (progestins) only (POP's)
442	ORAL_PROG_YRS	Num	8	F121: Contraceptive(s) use: Overall, number of years taking oral progestogen contraceptive(s)
443	PATCH	Num	8	F121: Contraceptive(s) use: Patch for contraception?
444	PATCH_YEARS	Num	8	F121: Contraceptive(s) use: Overall, number of years using patch
445	LEVONOR	Num	8	F121: Contraceptive(s) use: Levonorgestrel-releasing implant (e.g., Jadelle, Norplant)
446	LEVONOR_YRS	Num	8	F121: Contraceptive(s) use: Overall, number of years using implant
447	OTH_IMPLANT	Num	8	F121: Contraceptive(s) use: Implant for contraception (not otherwise specified)
448	OTH_IMPLANT_YRS	Num	8	F121: Contraceptive(s) use: Overall, number of years having implant
449	IUD_W_HORM	Num	8	F121: Contraceptive(s) use: IUD with hormone(s)
450	IUD_W_HORM_YEARS	Num	8	F121: Contraceptive(s) use: Overall, number of years using IUD with hormone
451	IUD_WO_HORM	Num	8	F121: Contraceptive(s) use: IUD without hormone(s)
452	IUD_WO_HORM_YRS	Num	8	F121: Contraceptive(s) use: Overall, number of years using IUD without hormone
453	VAGINAL_RING	Num	8	F121: Contraceptive(s) use: Vaginal ring
454	VAGINAL_RING_YRS	Num	8	F121: Contraceptive(s) use: Overall, number of years using a vaginal ring
455	DEPO	Num	8	F121: Contraceptive(s) use: Depo-Provera
456	DEPO_YEARS	Num	8	F121: Contraceptive(s) use: Overall, number of years using Depo-Provera
457	HRT	Num	8	F121: Ever used hormone replacement therapy (HRT)
458	HRT_YEARS	Num	8	F121: Overall, number of years receiving HRT
459	WAIST_CM	Num	8	F131: Waist measurement (cm)
460	HIP_CM	Num	8	F131: (widest) Hip circumference (cm)
461	WH_RATIO	Num	8	F131: Waist/Hip Ratio
462	BIA_PERFORM	Num	8	F132: Was a barefoot BIA measurement performed?
463	AMP_LEFT	Num	8	F132: Amputated left limbs
464	AMP_RIGHT	Num	8	F132: Amputated right limbs
465	DEVICE_MODE	Num	8	F132: BIA device mode
466	BODY_FAT	Num	8	F132: Measured body fat (%)
467	BODY_WATER	Num	8	F132: Total Body Water (%)
468	IMPEDANCE	Num	8	F132: Impedance (50 kHz)
469	HT_WT	Num	8	F132: Were height and weight measurements taken?
470	bsa	Num	8	Body Surface Area (BSA) (m2)
471	ht_m	Num	8	Height (m)

Num	Variable	Type	Len	Label
472	wt_kg	Num	8	Weight (kg)
473	bmi	Num	8	BMI (kg/m2)
474	fat_mass	Num	8	Fat Mass (kg)
475	tim_enr_bia	Num	8	Days from Enrollment to Bioelectrical Impedance (BIA)
476	tim_diag_bia	Num	8	For PH: Days from PH Diagnosis to Bioelectrical Impedance (BIA)
477	CAPABLE	Num	8	F133: Is participant capable of completing a 6MWT?
478	AID_USED	Num	8	F133: Type of walking aid used, if any
479	RESTED	Num	8	F133: Rested for 10 minutes prior to testing?
480	PRE_SYS	Num	8	F133: Pre-test systolic blood pressure (mmHg)
481	PRE_DIA	Num	8	F133: Pre-test diastolic blood pressure (mmHg)
482	PRE_BD_SCORE	Num	8	F133: Pre-test Borg Dyspnea Score
483	PROBE_USED	Num	8	F133: Type of pulse oximetry probe used?
484	OXY_SAT	Num	8	F133: Room air oxygen saturation at rest (%)
485	SUPP_O2	Num	8	F133: Is supplemental O2 required to obtain a SpO2 at rest > 92%?
486	MODE_ADMIN	Num	8	F133: Nasal cannula mode of suppl. oxygen administration? (vs. other)
487	DELIVERY_TYPE	Num	8	F133: Pulse type of suppl. O2 delivery? (vs. continuous)
488	O2_FLOW	Num	8	F133: O2 flow used during 6MWT (L/M)
489	O2_TRANSPORT	Num	8	F133: Transported oxygen during 6MWT using rollator (vs. pull)?
490	PRE_SPO2	Num	8	F133: Pre-test baseline SpO2 (%) (resting/sitting, on O2)
491	PRE_HT_RATE	Num	8	F133: Pre-test baseline heart rate (beats/minute) (resting/sitting)
492	TOTAL_DIS_WALK	Num	8	F133: Total distance walked (meters)
493	SPO2_END_WALK	Num	8	F133: SpO2 at end of walk (%)
494	SPO2_1_MIN_RECOV	Num	8	F133: SpO2 at 1 minute recovery (%)
495	SPO2_2_MIN_RECOV	Num	8	F133: SpO2 at 2 minutes recovery (%)
496	HT_RATE_END_WALK	Num	8	HT_RATE_END_WALK
497	HT_RATE_1_MIN_RECOV	Num	8	F133: Heart rate at 1 minute recovery (beats/minute)
498	HT_RATE_2_MIN_RECOV	Num	8	F133: Heart rate at 2 minutes recovery (beats/minute)
499	POST_SYS	Num	8	F133: Post-test systolic blood pressure (mmHg)
500	POST_DIA	Num	8	F133: Post -test diastolic blood pressure (mmHg)
501	POST_BD_SCORE	Num	8	F133: Post-test Borg Dyspnea Score
502	TOTAL_STOPS	Num	8	F133: Total number of stops
503	TEST_TERMINATED	Num	8	F133: Test terminated before 6 minutes?
504	CHEST_PAIN	Num	8	F133: 6MWT terminated: Chest pain
505	DIZZINESS	Num	8	F133: 6MWT terminated: Dizziness
506	DYSPNEA	Num	8	F133: 6MWT terminated: Dyspnea
507	SYNCOPE	Num	8	F133: 6MWT terminated: Near syncope
508	ATAXIC_GAIT	Num	8	F133: 6MWT terminated: Ataxic gait (staggering)

Num	Variable	Type	Len	Label
509	CLAUDICATION	Num	8	F133: 6MWT terminated: Lower extremity claudication (cramping)
510	FATIGUE	Num	8	F133: 6MWT terminated: Fatigue, weakness
511	CONFUSION	Num	8	F133: 6MWT terminated: Mental confusion
512	JOINT_LEG_PAIN	Num	8	F133: 6MWT terminated: Lower extremity joint/leg pain
513	DIAPHORESIS	Num	8	F133: 6MWT terminated: Diaphoresis, pale or ashen appearance
514	REFUSED	Num	8	F133: 6MWT terminated: Participant refused to continue
515	sixmwt_termrsn_other	Num	8	F133: 6MWT terminated: Other
516	HEART_COND	Num	8	F133: Participant has congenital heart condition?
517	RIGOROUS_ACTIVITY	Num	8	F133: Has the participant refrained from rigorous activity in the last 2 hours
518	LOWEST_SPO2	Num	8	F133: Lowest SpO2 recorded (%)
519	O2_80PCT	Num	8	F133: 6MWT terminated: Oxygen saturation dropped down to <= 80%
520	FELL_DOWN	Num	8	F133: 6MWT terminated: Participant fell down
521	AID_USED_OTH	Char	100	F133: Other type of walking aid used
522	sixmwt_othrsn_spec	Char	100	F133: Other reason to terminate: specify
523	sixmwt_test_tm	Char	10	F133: 6MWT start time (24-hour clock)
524	sixmwt_rest_strt_tm	Char	10	F133: Start time of 10-min rest period (24-hour clock)
525	sixmwt_STOP_TM	Char	10	F133: Test stop time (24-hour clock)
526	sixmwt_lowest_spo2_tm	Char	10	F133: Time lowest SpO2 recorded (24-hour clock)
527	sixmwt_test_term_tm	Char	10	F133: If 6MWT terminated, time terminated (24-hour clock)
528	rested_tm	Num	8	F133: Time rested prior to 6MWT when available
529	test_dur_tm	Num	8	F133: Duration of 6MWT when available
530	DUR_STOP_TM	Num	8	F133: Duration of combined stops (sec)
531	dur_stop_minsec	Char	200	F133: Duration of combined stops (min:sec)
532	dyspn_6mwt	Num	8	F133: Post-test Borg Dyspnea Score (>,<= 3)
533	hrr_1min	Num	8	F133: Heart rate (HR) recovery at 1 min (HR end - HR 1 min) (beats/min)
534	hrr_2min	Num	8	F133: Heart rate (HR) recovery at 2 min (HR end - HR 2 min) (beats/min)
535	SIXMWT_done	Num	8	F133: 6MWT done
536	tim_enr_sixmwt	Num	8	Days from Enrollment to Six Minute Walk Test
537	tim_diag_sixmwt	Num	8	For PH: Days from PH Diagnosis to Six Minute Walk Test
538	odi3p	Num	8	Sleep: Oxygen Desaturation Index 3% (ODI) (events/hour)
539	odi4p	Num	8	Sleep: Oxygen Desaturation Index 4% (ODI) (events/hour)
540	pvdsleep	Num	8	Sleep study: PVDOMICS or Alternative
541	O2_NIGHT	Num	8	Sleep: PVD Study: Does participant use O2 during the night? (0=No, 1=Yes)
542	cpap_used	Num	8	Sleep study: Used PAP device
543	ahi_c	Num	8	Sleep: Apnea hypopnea index (AHI)

Num	Variable	Type	Len	Label
544	cai_c	Num	8	Sleep: Central apnea index
545	hi_c	Num	8	Sleep study: Hypopnea index
546	pctlt90_c	Num	8	Sleep: Percentage of recording time <90% O2 saturation
547	oahi_c	Num	8	Sleep: Obstructive Apnea Hypopnea Index (OAHl)
548	tot_sleep_tm	Num	8	Sleep study: Total sleep time (min)
549	sleep_not_done	Num	8	Sleep: Reason why sleep study not done
550	tim_enr_sleep	Num	8	Days from Enrollment to Sleep Study
551	tim_diag_sleep	Num	8	For PH: Days from PH Diagnosis to Sleep Study
552	PF	Num	8	Physical Functioning (SF36)
553	RP	Num	8	Role Limitations Due To Physical Health Problems (SF36)
554	BP	Num	8	Bodily Pain (SF36)
555	GH	Num	8	General Health (SF36)
556	VT	Num	8	Vitality (SF36)
557	SF	Num	8	Social Functioning (SF36)
558	RE	Num	8	Role Limitations Due To Emotional Problems (SF36)
559	MH	Num	8	Mental Health (SF36)
560	PF_NBS	Num	8	Physical Functioning (SF36, t-score)
561	RP_NBS	Num	8	Role Limitations Due To Physical Health Problems (SF36, t-score)
562	BP_NBS	Num	8	Bodily Pain (SF36, t-score)
563	GH_NBS	Num	8	General Health (SF36, t-score)
564	VT_NBS	Num	8	Vitality (SF36, t-score)
565	SF_NBS	Num	8	Social Functioning (SF36, t-score)
566	RE_NBS	Num	8	Role Limitations Due To Emotional Problems (SF36, t-score)
567	MH_NBS	Num	8	Mental Health (SF36, t-score)
568	PCS	Num	8	Physical Component Summary Score (SF36)
569	MCS	Num	8	Mental Component Summary Score (SF36)
570	RCI	Num	8	Reliable Change Index (SF36)
571	sf36_admin	Num	8	How was this survey administered?
572	sf36_setting	Num	8	Setting where this form was completed?
573	sf36_lang	Num	8	In what language was this instrument completed?
574	F171E_administered	Num	8	ADMINISTERED
575	F171E_setting	Num	8	Setting where this form was completed?
576	F171E_lang	Num	8	In what language was this instrument completed?
577	f171E	Num	8	F171: Minnesota Living with Heart Failure Questionnaire done
578	mlhf	Num	8	F171: MHLF Total Score
579	mlhf_phys	Num	8	F171: MHLF Physical Domain
580	mlhf_emot	Num	8	F171: MHLF Emotional Domain
581	f172e_administered	Num	8	How was this survey administered?

Num	Variable	Type	Len	Label
582	f172e_setting	Num	8	101. Setting where this form was completed?
583	f172e_lang	Num	8	102. In what language was this instrument completed?
584	emphasis	Num	8	F172: EmPHasis-10 Score
585	tim_enr_sf36	Num	8	Days from Enrollment to SF36
586	tim_diag_sf36	Num	8	For PH: Days from PH Diagnosis to SF36
587	tim_enr_mhlf	Num	8	Days from Enrollment to MHLF QOL
588	tim_diag_mhlf	Num	8	For PH: Days from PH Diagnosis to MHLF QOL
589	tim_enr_emph	Num	8	Days from Enrollment to emPHasis QOL
590	tim_diag_emph	Num	8	For PH: Days from PH Diagnosis to emPHasis QOL
591	WBC	Num	8	F200: Total WBC (K/ul)
592	RBC	Num	8	F200: Red Blood Cell Count (RBC) (M/ul)
593	RDW	Num	8	F200: Red Cell Distribution Width (RDW) (%)
594	HCT	Num	8	F200: Hematocrit (HCT) (%)
595	PLT	Num	8	F200: Platelet count (K/ul)
596	MPV	Num	8	F200: Mean Platelet Volume (MPV) (fL)
597	MCV	Num	8	F200: Mean Corpuscular Volume (MCV) (fL)
598	MCH	Num	8	F200: Mean Corpuscular Hemoglobin (MCH) (pg)
599	MCHC	Num	8	F200: Mean Corpuscular Hemoglobin Concentration (MCHC) (pg)
600	NEUT	Num	8	F200: Neutrophils (%)
601	NEUT_ANC	Num	8	F200: Absolute Neutrophils (ANC) (K/uL)
602	LYMPHS	Num	8	F200: Lymphocytes (%)
603	ABS_LYMPHS	Num	8	F200: Absolute Lymphocytes (K/uL)
604	MONO	Num	8	F200: Monocytes (%)
605	ABS_MONO	Num	8	F200: Absolute Monocytes (K/microL)
606	BASO	Num	8	F200: Basophils (%)
607	ABS_BASO	Num	8	F200: Absolute Basophils (K/microL)
608	EOSIN	Num	8	F200: Eosinophils (%)
609	ABS_EOSIN	Num	8	F200: Absolute Eosinophils (K/microL)
610	hgb_f200	Num	8	F200: Hemoglobin (g/dL)
611	TPROT	Num	8	F201: Total protein (g/dL)
612	ALB	Num	8	F201: Albumin (g/dL)
613	CA	Num	8	F201: Calcium (mg/dL)
614	TBILI	Num	8	F201: Total bilirubin (mg/dL)
615	ALKP	Num	8	F201: Alkaline Phosphate (ALP) (U/L)
616	AST	Num	8	F201: Asparate aminotransferase (AST) (U/L)
617	ALT	Num	8	F201: Alanine aminotransferase (ALT) (U/L)
618	GLUC	Num	8	F201: Glucose (mg/dL)
619	BUN	Num	8	F201: Blood urea nitrogen (BUN) (mg/dL)

Num	Variable	Type	Len	Label
620	CR	Num	8	F201: Serum Creatinine (mg/dL)
621	NA	Num	8	F201: Sodium (mmol/L)
622	K	Num	8	F201: Potassium (mmol/L)
623	CL	Num	8	F201: Chloride (mmol/L)
624	CO2	Num	8	F201: CO2 (mmol/L)
625	ANION_GAP	Num	8	F201: Anion Gap (mmol/L)
626	ana_historical	Num	8	F202: ANA - Historical data used? (0=No, 1=Yes)
627	anacomb	Num	8	F202: Antinuclear antibody (ANA) (1=positive)
628	PT	Num	8	PT Sec (sec)
629	PT_INR	Num	8	PT INR (International Normalized Ratio)
630	egfr	Num	8	Calculated eGFR (mL/min/1.73m2)
631	egfr_race	Num	8	Calculated Race-Neutral eGFR (mL/min/1.73m2)
632	abg_blood	Num	8	F207: Was arterial blood drawn for ABGs?
633	ABG_MEAS	Num	8	F207: When was ABG measured?
634	abg_supoxyg	Num	8	F207: Using supplemental oxygen at the time blood drawn for ABGs?
635	abg_deliv_meth	Num	8	F207: If supplemental O2 used, how was oxygen delivered?
636	OXYGEN_RANGE	Num	8	F207: What was range of O2 use reported by participant?
637	DEVICE	Num	8	F207: Device used to obtain arterial blood
638	PH	Num	8	F207: pH (pH units)
639	PCO2	Num	8	F207: pCO2 (mmHg)
640	PO2	Num	8	F207: pO2 (mmHg)
641	HCO3	Num	8	F207: Bicarbonate (HCO3) (mmol/L)
642	HBCO	Num	8	F207: Carboxyhemoglobin (HbCO) (%)
643	METHB	Num	8	F207: Methemoglobin (MetHb) (%)
644	ABG_o2sat	Num	8	F207: Oxygen Saturation (O2Sat) (%)
645	HBO2	Num	8	F207: Oxyhemoglobin (HbO2) (%)
646	abg_fio2	Num	8	F207: FiO2 (%)
647	tim_enr_abg	Num	8	Days from Enrollment to Arterial Blood Gasses Test
648	tim_diag_abg	Num	8	For PH: Days from PH Diagnosis to Arterial Blood Gasses Test
649	URINE_NITRITE	Char	50	F220: Urine Nitrite
650	URINE_NITRATEn	Num	8	F220: Ave Urine Nitrate (uM)
651	URINE_CREATn	Num	8	F220: Urine Creatinine (mg/dl)
652	URINE_CREAT_UMOLn	Num	8	F220: Urine Creatinine (umol/l)
653	URINE_NITRAT_CREATn	Num	8	F220: Urine Nitrate/Creatinine
654	mitosox	Num	8	F220: Cell Biomics: Mitochondrial SOX (red)
655	TMREn	Num	8	F220: Cell Biomics: Mitochondrial potential (TMRE)
656	TOT_CELL_CNTn	Num	8	F220: Total Cell Count
657	TOT_GRANULn	Num	8	F220: Total Granulocytes

Num	Variable	Type	Len	Label
658	TOT_MNCn	Num	8	F220: Total MNCs
659	PERC_GRANULn	Num	8	F220: % Granulocytes
660	PERC_MNCn	Num	8	F220: % MNCs
661	MESF_ALLn	Num	8	F220: All Cells b-Adrenergic Receptor Density (MESFx10 ⁶)
662	MESF_GRANULn	Num	8	F220: Granulocytes b-Adrenergic Receptor Density (MESFx10 ⁶)
663	MESF_MNCn	Num	8	F220: MNCs b-Adrenergic Receptor Density (MESFx10 ⁶)
664	mitotr	Num	8	F220: Cell Biomics: Mitochondrial mass (green) x 10 ⁴
665	FERRITINn	Num	8	F220: Clinical Labs: FERRITIN (ng/ml)
666	TROP_Tn	Num	8	F220: Clinical Labs: TROP T (ng/ml)
667	RHEMATOIDn	Num	8	F220: Clinical Labs: Rheumatoid Factor (IU/ml)
668	MPOn	Num	8	F220: Clinical Labs: MPO (pmol/L)
669	INSULINn	Num	8	F220: Clinical Labs: INSULIN (uU/ml)
670	PRO_BNPn	Num	8	F220: Clinical Labs: PRO-BNP (pg/ml)
671	TOTAL_CHOLn	Num	8	F220: Clinical Labs: Total Cholesterol (mg/dl)
672	HDLn	Num	8	F220: Clinical Labs: HDL (mg/dl)
673	TRIGLYCERIDEn	Num	8	F220: Clinical Labs: Triglyceride (mg/dl)
674	LDLCn	Num	8	F220: Clinical Labs: LDLc
675	HSCRPN	Num	8	F220: Clinical Labs: hsCRP (mg/L)
676	TRANSFERRINn	Num	8	F220: Clinical Labs: Transferrin (mg/dl)
677	GLUCOSEn	Num	8	F220: Clinical Labs: Glucose (mg/dl)
678	RHEMATOIDnCat	Num	8	F220: Clinical Labs: Positive Rheumatoid Factor
679	TROP_TnCat	Num	8	F220: Clinical Labs: Positive TROP T
680	homocyst_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Homosysteine (umol/l)
681	glutath_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Glutathione (umol/l)
682	cyst_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Cysteine (umol/l)
683	ABAn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Absciscic Acid (umol/l)
684	ALAn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Alanine (umol/l)
685	ARGn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Arginine (umol/l)
686	ASNn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Asparagine (umol/l)
687	ASP_ACIDn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Aspartic acid (umol/l)
688	CITn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Citrulline (umol/l)
689	GLNn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: GLN (umol/l)

Num	Variable	Type	Len	Label
690	GLUT_ACIDn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Glutamic acid (umol/l)
691	GLYn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Glycine (umol/l)
692	HISTn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Histidine (umol/l)
693	ISO_LEUn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Isoleucine (umol/l)
694	LEUn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Leucine (umol/l)
695	LYSn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Lysine (umol/l)
696	METHn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Methionine (umol/l)
697	ORNNn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Ornithine (umol/l)
698	PHEn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Phenylalanine (umol/l)
699	SERn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Serine (umol/l)
700	TAURn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Taurine (umol/l)
701	THRn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Threonine (umol/l)
702	TRYPn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Tryptophan (umol/l)
703	TYRn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: TYR (umol/l)
704	VALn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Valine (umol/l)
705	CYSTEAMn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Cysteamine (I.S. area)
706	CYS_GLYn_mix	Num	8	F220: Metabolomics Mixed (pulm. artery) Blood: Cysteinylglycine (area)
707	D_DIMERn_mix	Num	8	F220: Coagulomics Mixed (pulm. artery) Blood: D-Dimer (ng/ml)
708	homocyst_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Homosysteine (umol/l)
709	glutath_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Glutathione (umol/l)
710	cyst_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Cysteine (umol/l)
711	ABAn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Absciscic Acid (umol/l)
712	ALAn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Alanine (umol/l)
713	ARGn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Arginine (umol/l)
714	ASNn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Asparagine (umol/l)
715	ASP_ACIDn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Aspartic acid (umol/l)
716	CITn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Citrulline (umol/l)
717	GLNn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): GLN (umol/l)
718	GLUT_ACIDn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Glutamic acid (umol/l)
719	GLYn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Glycine (umol/l)

Num	Variable	Type	Len	Label
720	HISTn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Histidine (umol/l)
721	ISO_LEUn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Isoleucine (umol/l)
722	LEUn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Leucine (umol/l)
723	LYSn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Lysine (umol/l)
724	METHn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Methionine (umol/l)
725	ORNN_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Ornithine (umol/l)
726	PHEn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Phenylalanine (umol/l)
727	SERn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Serine (umol/l)
728	TAURn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Taurine (umol/l)
729	THRn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Threonine (umol/l)
730	TRYPn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Tryptophan (umol/l)
731	TYRn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): TYR (umol/l)
732	VALn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Valine (umol/l)
733	CYSTEAMn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Cysteamine (I.S. area)
734	CYS_GLYn_syst	Num	8	F220: Metabolomics Arterial (syst. artery): Cysteinylglycine (area)
735	D_DIMERn_syst	Num	8	F220: Coagulomics Arterial (syst. artery): D-Dimer (ng/ml)
736	homocyst_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Homosysteine (umol/l)
737	glutath_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Glutathione (umol/l)
738	cyst_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Cysteine (umol/l)
739	ABAn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Absciscic Acid (umol/l)
740	ALAn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Alanine (umol/l)
741	ARGn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Arginine (umol/l)
742	ASNn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Asparagine (umol/l)
743	ASP_ACIDn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Aspartic acid (umol/l)
744	CITn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Citrulline (umol/l)
745	GLNn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): GLN (umol/l)
746	GLUT_ACIDn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Glutamic acid (umol/l)
747	GLYn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Glycine (umol/l)
748	HISTn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Histidine (umol/l)
749	ISO_LEUn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Isoleucine (umol/l)
750	LEUn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Leucine (umol/l)
751	LYSn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Lysine (umol/l)
752	METHn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Methionine (umol/l)

Num	Variable	Type	Len	Label
753	ORNN_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Ornithine (umol/l)
754	PHEN_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Phenylalanine (umol/l)
755	SERN_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Serine (umol/l)
756	TAURN_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Taurine (umol/l)
757	THRN_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Threonine (umol/l)
758	TRYPn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Tryptophan (umol/l)
759	TYRN_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): TYR (umol/l)
760	VALn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Valine (umol/l)
761	CYSTEAMn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Cysteamine (I.S. area)
762	CYS_GLYn_ven	Num	8	F220: Metabolomics Venous (SVC/peripheral): Cysteinylglycine (area)
763	D_DIMERN_ven	Num	8	F220: Coagulomics Venous (SVC/peripheral): D-Dimer (ng/ml)
764	homocyst_wdg	Num	8	F220: Metabolomics Wedge: Homosysteine (umol/l)
765	glutath_wdg	Num	8	F220: Metabolomics Wedge: Glutathione (umol/l)
766	cyst_wdg	Num	8	F220: Metabolomics Wedge: Cysteine (umol/l)
767	ABAn_wdg	Num	8	F220: Metabolomics Wedge: Absciscic Acid (umol/l)
768	ALAn_wdg	Num	8	F220: Metabolomics Wedge: Alanine (umol/l)
769	ARGn_wdg	Num	8	F220: Metabolomics Wedge: Arginine (umol/l)
770	ASNn_wdg	Num	8	F220: Metabolomics Wedge: Asparagine (umol/l)
771	ASP_ACIDn_wdg	Num	8	F220: Metabolomics Wedge: Aspartic acid (umol/l)
772	CITn_wdg	Num	8	F220: Metabolomics Wedge: Citrulline (umol/l)
773	GLNn_wdg	Num	8	F220: Metabolomics Wedge: GLN (umol/l)
774	GLUT_ACIDn_wdg	Num	8	F220: Metabolomics Wedge: Glutamic acid (umol/l)
775	GLYn_wdg	Num	8	F220: Metabolomics Wedge: Glycine (umol/l)
776	HISTn_wdg	Num	8	F220: Metabolomics Wedge: Histidine (umol/l)
777	ISO_LEUn_wdg	Num	8	F220: Metabolomics Wedge: Isoleucine (umol/l)
778	LEUn_wdg	Num	8	F220: Metabolomics Wedge: Leucine (umol/l)
779	LYSn_wdg	Num	8	F220: Metabolomics Wedge: Lysine (umol/l)
780	METHn_wdg	Num	8	F220: Metabolomics Wedge: Methionine (umol/l)
781	ORNN_wdg	Num	8	F220: Metabolomics Wedge: Ornithine (umol/l)
782	PHEN_wdg	Num	8	F220: Metabolomics Wedge: Phenylalanine (umol/l)
783	SERN_wdg	Num	8	F220: Metabolomics Wedge: Serine (umol/l)
784	TAURN_wdg	Num	8	F220: Metabolomics Wedge: Taurine (umol/l)
785	THRN_wdg	Num	8	F220: Metabolomics Wedge: Threonine (umol/l)
786	TRYPn_wdg	Num	8	F220: Metabolomics Wedge: Tryptophan (umol/l)
787	TYRN_wdg	Num	8	F220: Metabolomics Wedge: TYR (umol/l)

Num	Variable	Type	Len	Label
788	VALn_wdg	Num	8	F220: Metabolomics Wedge: Valine (umol/l)
789	CYSTEAMn_wdg	Num	8	F220: Metabolomics Wedge: Cysteamine (I.S. area)
790	CYS_GLYn_wdg	Num	8	F220: Metabolomics Wedge: Cysteinylglycine (area)
791	D_DIMERn_wdg	Num	8	F220: Coagulomics Wedge: D-Dimer (ng/ml)
792	homocyst_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Homosysteine (umol/l)
793	glutath_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Glutathione (umol/l)
794	cyst_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Cysteine (umol/l)
795	ABAn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Abscisic Acid (umol/l)
796	ALAn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Alanine (umol/l)
797	ARGn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Arginine (umol/l)
798	ASNn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Asparagine (umol/l)
799	ASP_ACIDn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Aspartic acid (umol/l)
800	CITn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Citrulline (umol/l)
801	GLNn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: GLN (umol/l)
802	GLUT_ACIDn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Glutamic acid (umol/l)
803	GLYn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Glycine (umol/l)
804	HISTn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Histidine (umol/l)
805	ISO_LEUn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Isoleucine (umol/l)
806	LEUn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Leucine (umol/l)
807	LYSn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Lysine (umol/l)
808	METHn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Methionine (umol/l)
809	ORNn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Ornithine (umol/l)
810	PHEn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Phenylalanine (umol/l)
811	SERn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Serine (umol/l)
812	TAURn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Taurine (umol/l)

Num	Variable	Type	Len	Label
813	THRn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Threonine (umol/l)
814	TRYPn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Tryptophan (umol/l)
815	TYRn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: TYR (umol/l)
816	VALn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Valine (umol/l)
817	CYSTEAMn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Cysteamine (I.S. area)
818	CYS_GLYn_mixpeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (pulm. artery) Blood: Cysteinylglycine (area)
819	D_DIMERn_mixpeak	Num	8	F220: Peak-Exer. Coagulomics Mixed (pulm. artery) Blood: D-Dimer (ng/ml)
820	homocyst_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Homosysteine (umol/l)
821	glutath_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Glutathione (umol/l)
822	cyst_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Cysteine (umol/l)
823	ABAn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Abscisic Acid (umol/l)
824	ALAn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Alanine (umol/l)
825	ARGn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Arginine (umol/l)
826	ASNn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Asparagine (umol/l)
827	ASP_ACIDn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Aspartic acid (umol/l)
828	CITn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Citrulline (umol/l)
829	GLNn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: GLN (umol/l)
830	GLUT_ACIDn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Glutamic acid (umol/l)
831	GLYn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Glycine (umol/l)
832	HISTn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Histidine (umol/l)
833	ISO_LEUn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Isoleucine (umol/l)
834	LEUn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Leucine (umol/l)
835	LYSn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Lysine (umol/l)

Num	Variable	Type	Len	Label
836	METHn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Methionine (umol/l)
837	ORNN_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Ornithine (umol/l)
838	PHEn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Phenylalanine (umol/l)
839	SERn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Serine (umol/l)
840	TAURn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Taurine (umol/l)
841	THRn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Threonine (umol/l)
842	TRYPn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Tryptophan (umol/l)
843	TYRn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: TYR (umol/l)
844	VALn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Valine (umol/l)
845	CYSTEAMn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Cysteamine (I.S. area)
846	CYS_GLYn_syspeak	Num	8	F220: Peak-Exer. Metabolomics Mixed (syst. artery) Blood: Cysteinylglycine (area)
847	D_DIMERn_syspeak	Num	8	F220: Peak-Exer. Coagulomics Mixed (syst. artery) Blood: D-Dimer (ng/ml)
848	homocyst_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Homosysteine (umol/l)
849	glutath_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Glutathione (umol/l)
850	cyst_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Cysteine (umol/l)
851	ABAn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Absciscic Acid (umol/l)
852	ALAn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Alanine (umol/l)
853	ARGn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Arginine (umol/l)
854	ASNn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Asparagine (umol/l)
855	ASP_ACIDn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Aspartic acid (umol/l)
856	CITn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Citrulline (umol/l)
857	GLNn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: GLN (umol/l)
858	GLUT_ACIDn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Glutamic acid (umol/l)

Num	Variable	Type	Len	Label
859	GLYn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Glycine (umol/l)
860	HISTn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Histidine (umol/l)
861	ISO_LEUn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Isoleucine (umol/l)
862	LEUn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Leucine (umol/l)
863	LYSn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Lysine (umol/l)
864	METHn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Methionine (umol/l)
865	ORNN_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Ornithine (umol/l)
866	PHEn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Phenylalanine (umol/l)
867	SERn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Serine (umol/l)
868	TAURn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Taurine (umol/l)
869	THRn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Threonine (umol/l)
870	TRYPn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Tryptophan (umol/l)
871	TYRn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: TYR (umol/l)
872	VALn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Valine (umol/l)
873	CYSTEAMn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Cysteamine (I.S. area)
874	CYS_GLYn_mixpost	Num	8	F220: Post-Exer. Metabolomics Mixed (pulm. artery) Blood: Cysteinylglycine (area)
875	D_DIMERn_mixpost	Num	8	F220: Post-Exer. Coagulomics Mixed (pulm. artery) Blood: D-Dimer (ng/ml)
876	homocyst_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Homosysteine (umol/l)
877	glutath_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Glutathione (umol/l)
878	cyst_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Cysteine (umol/l)
879	ABAn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Absciscic Acid (umol/l)
880	ALAn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Alanine (umol/l)
881	ARGn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Arginine (umol/l)

Num	Variable	Type	Len	Label
882	ASNn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Asparagine (umol/l)
883	ASP_ACIDn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Aspartic acid (umol/l)
884	CITn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Citrulline (umol/l)
885	GLNn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: GLN (umol/l)
886	GLUT_ACIDn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Glutamic acid (umol/l)
887	GLYn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Glycine (umol/l)
888	HISTn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Histidine (umol/l)
889	ISO_LEUn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Isoleucine (umol/l)
890	LEUn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Leucine (umol/l)
891	LYSn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Lysine (umol/l)
892	METHn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Methionine (umol/l)
893	ORNn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Ornithine (umol/l)
894	PHEn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Phenylalanine (umol/l)
895	SERn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Serine (umol/l)
896	TAURn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Taurine (umol/l)
897	THRn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Threonine (umol/l)
898	TRYPn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Tryptophan (umol/l)
899	TYRn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: TYR (umol/l)
900	VALn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Valine (umol/l)
901	CYSTEAMn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Cysteamine (I.S. area)
902	CYS_GLYn_syspost	Num	8	F220: Post-Exer. Metabolomics Mixed (syst. artery) Blood: Cysteinylglycine (area)
903	D_DIMERn_syspost	Num	8	F220: Post-Exer. Coagulomics Mixed (syst. artery) Blood: D-Dimer (ng/ml)
904	ironn	Num	8	F220: Clinical Labs: Iron (umol/L)
905	homa_ir	Num	8	F220: HOMA-IR

Num	Variable	Type	Len	Label
906	TSAT_d	Num	8	Transferrin saturation (TSAT)(%)
907	ecg_abn_rslt	Num	8	F245: Are any circumstances in Q6a-c present that may explain an abnormal result?
908	ecg_tremors	Num	8	F245: Extraneous movement/tremors?
909	ecg_extr_obes	Num	8	F245: Extreme obesity?
910	ecg_meds_brady	Num	8	F245: Medications causing bradycardia?
911	ECG_RESULT	Num	8	F246: ECG rhythm
912	ATRIAL_FIB	Num	8	F246: Atrial fibrillation
913	ATRIAL_FLUTTER	Num	8	F246: Atrial flutter
914	SINUS_ARRHY	Num	8	F246: Sinus arrhythmia
915	SINUS_BRADY	Num	8	F246: Sinus bradycardia
916	SUPRA_TACHY	Num	8	F246: Supraventricular tachycardia
917	SINUS_TACHY	Num	8	F246: Sinus tachycardia
918	VENT_TACHY	Num	8	F246: Ventricular tachycardia
919	COMPLEX_TACHY	Num	8	F246: Wide complex tachycardia
920	JUNCT_RHYTHM	Num	8	F246: Junctional rhythm
921	A_PACED	Num	8	F246: A paced ECG rhythm
922	V_PACED	Num	8	F246: V paced ECG rhythm
923	AV_PACED	Num	8	F246: AV paced ECG rhythm
924	ECG_HB_RESULT	Num	8	F246: ECG heart block results
925	FIRST_AV_BLOCK	Num	8	F246: First degree AV block
926	SEC_AV_BLOCK_TYP2	Num	8	F246: Second degree AV block (type II)
927	RT_BUNDLE_BLOCK	Num	8	F246: Right bundle branch block
928	LT_BUNDLE_BLOCK	Num	8	F246: Left bundle branch block
929	IVCD	Num	8	F246: Intraventricular conduction delay (IVCD)
930	CHAMBER_ENLARGE	Num	8	F246: Chamber enlargement
931	RT_VENT_HYPER	Num	8	F246: Right ventricular hypertrophy
932	RT_ARTIAL_ENLARGE	Num	8	F246: Right atrial enlargement
933	OTH_RT_ATRIAL_ABN	Num	8	F246: Other right atrial abnormality
934	LT_VENT_HYPER	Num	8	F246: Left ventricular hypertrophy
935	LT_ATRIAL_ENLARGE	Num	8	F246: Left atrial enlargement
936	OTH_LT_ATRIAL_ABN	Num	8	F246: Other left atrial abnormality
937	PR_INTERVAL	Num	8	F246: PR interval (sec)
938	QTC_INTERVAL	Num	8	F246: QTc interval (sec)
939	QRS_DURATION	Num	8	F246: QRS duration (sec)
940	QRS_AXIS	Num	8	F246: QRS axis (degrees)
941	Q_WAVES	Num	8	F246: Q waves present
942	ANT_LAT_RECENT_ACUTE	Num	8	F246: Anterolateral, age recent or probably acute
943	ANT_LAT_INDETER_OLD	Num	8	F246: Anterolateral, age indeterminate or probably old

Num	Variable	Type	Len	Label
944	ANTERIOR_RECENT_ACUTE	Num	8	F246: Anterior or anteroseptal, age recent or probably acute
945	ANTERIOR_INDETER_OLD	Num	8	F246: Anterior or anteroseptal, age indeterminate or probably old
946	LAT_RECENT_ACUTE	Num	8	F246: Lateral, age recent or probably acute
947	LAT_INDETER_OLD	Num	8	F246: Lateral, age indeterminate or probably old
948	INFERIOR_RECENT_ACUTE	Num	8	F246: Inferior, age recent or probably acute
949	INFERIOR_INDETER_OLD	Num	8	F246: Inferior, age indeterminate or probably old
950	POST_INDETER_OLD	Num	8	F246: Posterior, age indeterminate or probably old
951	ST_SEGMENT_ABN	Num	8	F246: ST segment abnormalities
952	NONSPEC_WAVE_ABN	Num	8	F246: Nonspecific ST and/or T wave abnormalities
953	WAVE_ABN_ISCH	Num	8	F246: ST and/or T wave abnormalities suggesting myocardial ischemia
954	WAVE_ABN_INJURY	Num	8	F246: ST and/or T wave abnormalities suggesting myocardial injury
955	PROLONG_QT	Num	8	F246: Prolonged QT interval
956	HR246	Num	8	F246: Heart rate (bpm)
957	ecg_rhythm	Num	8	ECG: Rhythm
958	tim_enr_ecg	Num	8	Days from Enrollment to ECG
959	tim_diag_ecg	Num	8	For PH: Days from PH Diagnosis to ECG
960	ASDL	Char	40	ECHO # 14: Atrial Septal Defect Location
961	CTHRBL1	Char	30	ECHO # 15: Chamber Thrombus Location (core)
962	LVDF	Char	15	ECHO # 33: LV Diastolic Function
963	MRG	Char	10	ECHO # 56: Mitral Valve Regurgitation Degree
964	MVACD	Char	10	ECHO # 58: Mitral Annular Calcification Severity
965	PFO2	Char	10	ECHO # 63: Patent Foramen Ovale Present
966	PEFFL1	Char	22	ECHO # 65: Pericardial Effusion Location
967	PEFFS1	Char	8	ECHO # 66: Pericardial Effusion Severity
968	PR	Char	10	ECHO # 69: Pulmonic Regurgitation
969	RVSIZE	Char	25	ECHO # 89: Right Ventricle Size (visual)
970	RVFUNC	Char	25	ECHO # 90: Right Ventricle Function (visual)
971	TAR	Char	10	ECHO #102: Aortic Regurgitation Degree
972	VSDL	Char	46	ECHO #111: Ventricular Septal Defect Location
973	IASSF2	Char	20	ECHO #112: Shunt Flow Direction
974	RVDF	Char	10	ECHO #116: RV Diastolic Function
975	SALINE	Num	8	F250: Agitated saline contrast (aka bubble study)
976	CONTRAST	Num	8	F250: Contrast enhancement for left ventricular opacification (LVO)
977	echo_contrast_used	Num	8	F250: If yes, name of contrast agent used
978	echo_contrast_vol	Num	8	F250: Total contrast volume (mL)
979	ECHO_DONE	Num	8	F250: Was an ECHO done?
980	AGITAT_NOT_RSN	Num	8	F250: If Agitated saline contrast not used, why not?

Num	Variable	Type	Len	Label
981	AAMDn	Num	8	ECHO # 5: Mid Ascending Aorta Diameter (cm)
982	AOSDn	Num	8	ECHO # 6: Aortic Sinus Diameter (cm)
983	STJDn	Num	8	ECHO # 7: Sinotubular Junction Diameter (cm)
984	AVEOAn	Num	8	ECHO # 8: AoV EOA Area (cm2)
985	LVETn	Num	8	ECHO # 9: LV Ejection Time (ms)
986	AVMGn	Num	8	ECHO # 10: AoV Mean Gradient (ms)
987	AVPGn	Num	8	ECHO # 11: AoV Peak Gradient (mmHg)
988	AVPVn	Num	8	ECHO # 12: AoV Peak Velocity (cm/s)
989	AVVTIn	Num	8	ECHO # 13: AoV TVI (cm)
990	MVEELAT1n	Num	8	ECHO # 17: E / e' Lateral
991	MVEEMED1n	Num	8	ECHO # 18: E / e' Septal
992	LVGLOBn	Num	8	ECHO # 19: LV Global Peak Long Strain (%)
993	RVGLOB3n	Num	8	ECHO # 20: Global RV Free Wall Peak Long Strain (3 Segments) (%)
994	RVGLOB6n	Num	8	ECHO # 21: Global RV Free Wall Peak Long Strain (6 Segments) (%)
995	HVARn	Num	8	ECHO # 22: Hepatic Vein Peak Atrial Reversal (cm/s)
996	HVDn	Num	8	ECHO # 23: Hepatic Vein Peak D Wave (cm/s)
997	HVSn	Num	8	ECHO # 24: Hepatic Vein Peak S Wave Peak (cm/s)
998	HRn	Num	8	ECHO # 25: Heart Rate (bpm)
999	IVSDn	Num	8	ECHO # 26: Intraventricular Septum Diastolic (cm)
1000	LAAn	Num	8	ECHO # 27: Left Atrial Area (cm2)
1001	LAV4Cn	Num	8	ECHO # 28: Left Atrial Volume 4 CH (mL)
1002	LAVIXn	Num	8	ECHO # 29: Left Atrial Volume Index (mL/m2)
1003	LVCOBPCn	Num	8	ECHO # 30: Contrast LV Cardiac Output (L/min)
1004	LVCOBPn	Num	8	ECHO # 31: LV Cardiac Output (L/min)
1005	LVEDDn	Num	8	ECHO # 32: LV End Diastolic Diameter (cm)
1006	LVEFn	Num	8	ECHO # 34: LV Visual Ejection Fraction (%)
1007	LVEFA4Cn	Num	8	ECHO # 35: LV EF 4CH (%)
1008	LVEFA4CCn	Num	8	ECHO # 36: C4C LV Ejection Fraction (%)
1009	LVEFBPn	Num	8	ECHO # 37: BP LV Ejection Fraction (%)
1010	LVEFBPCn	Num	8	ECHO # 38: Contrast BP LV Ejection Fraction (%)
1011	LVMASSCn	Num	8	ECHO # 39: LV Mass Corr (g)
1012	LVTEIn	Num	8	ECHO # 40: LV TEI Index
1013	LVEDSn	Num	8	ECHO # 41: LV End Systolic Diameter (cm)
1014	LVSVPn	Num	8	ECHO # 42: LV Stroke Volume (mL)
1015	LVSVPn	Num	8	ECHO # 43: Contrast LV Stroke Volume (mL)
1016	LVEDVA4Cn	Num	8	ECHO # 44: LVEDV 4 CH (mL)
1017	LVDVA4CCn	Num	8	ECHO # 45: C4CLV End Diastolic Volume (mL)

Num	Variable	Type	Len	Label
1018	LVEDVBPn	Num	8	ECHO # 46: BP LV End Diastolic Volume (mL)
1019	LVEDVBPCn	Num	8	ECHO # 47: Contrast BP LV End Diastolic Volume (mL)
1020	LVESVA4Cn	Num	8	ECHO # 48: LVESV 4CH (mL)
1021	LVSVA4CCn	Num	8	ECHO # 49: C4CLV End Systolic Volume (mL)
1022	LVESVBPn	Num	8	ECHO # 51: BP LV End Systolic Volume (mL)
1023	LVESVBPCn	Num	8	ECHO # 52: Contrast BP LV End Systolic Volume (mL)
1024	LVOTDn	Num	8	ECHO # 53: LVOT Diameter (cm)
1025	LVOTVTIn	Num	8	ECHO # 54: LVOT TVI (cm)
1026	LVPWDn	Num	8	ECHO # 55: Left Ventricular Posterior Wall Diastolic (cm)
1027	MVAn	Num	8	ECHO # 57: Mitral Valve A velocity (cm/s)
1028	MVDTn	Num	8	ECHO # 59: Mitral Valve Deceleration Time (ms)
1029	MVEn	Num	8	ECHO # 60: Mitral Valve E Velocity (cm/s)
1030	MVELATn	Num	8	ECHO # 61: MV Lateral e' (cm/s)
1031	MVESEpn	Num	8	ECHO # 62: MV Septal e' (cm/s)
1032	PRLDVn	Num	8	ECHO # 67: Peak Pulmonic Regurgitation Late Diastolic Flow (cm/s)
1033	PREDVn	Num	8	ECHO # 68: Peak Pulmonic Regurgitation Early Diastolic Flow (cm/s)
1034	PVADURn	Num	8	ECHO # 70: A Duration (ms)
1035	QPQS1n	Num	8	ECHO # 71: Shunt Ratio
1036	RAPn	Num	8	ECHO # 72: Right Atrial Pressure (mmHg)
1037	RADMAJn	Num	8	ECHO # 73: Right Atrial Dimension, Major (cm)
1038	RADMINn	Num	8	ECHO # 74: Right Atrial Dimension, Minor (cm)
1039	RAVn	Num	8	ECHO # 75: Right Atrial Volume (mL)
1040	RAVIXn	Num	8	ECHO # 76: RA Volume Index (mL/m2)
1041	RUPVAn	Num	8	ECHO # 77: Pulmonary Vein Atrial Reversal Peak (cm/s)
1042	RUPVDn	Num	8	ECHO # 78: Pulmonary Vein D Wave Peak (cm/s)
1043	RUPVSn	Num	8	ECHO # 79: Pulmonary Vein S Velocity (cm/s)
1044	RVADn	Num	8	ECHO # 80: RV End Diastolic Area (cm2)
1045	RVADCn	Num	8	ECHO # 81: Contrast RV End Diastolic Area (cm2)
1046	RVASn	Num	8	ECHO # 82: RV End Systolic Area (cm2)
1047	RVASC0n	Num	8	ECHO # 83: Contrast RV End Systolic Area (cm2)
1048	RVEF3Dn	Num	8	ECHO # 84: 3D RVEF (%)
1049	RVFACn	Num	8	ECHO # 85: RV Fractional Shortening (%)
1050	RVFACC1n	Num	8	ECHO # 86: Contrast RV Fractional Shortening (%)
1051	RVMINDn	Num	8	ECHO # 87: RV End Diastolic Basal Dimension (cm)
1052	RVMINSn	Num	8	ECHO # 88: RV End Systolic Dimension (base) (cm)
1053	RVTEIn	Num	8	ECHO # 91: RV TEI Index (RVET and TV C-O, calculation)
1054	RVTITDI1n	Num	8	ECHO # 92: RV TEI Index from TDI (Pulsed wave TV annular lateral wall TDI, calculation)

Num	Variable	Type	Len	Label
1055	RVEDV3Dn	Num	8	ECHO # 93: 3D RVED Volume (mL)
1056	RVESV3Dn	Num	8	ECHO # 94: 3D RVES Volume (mL)
1057	RVWDn	Num	8	ECHO # 95: RVD Wall Thickness (cm)
1058	RVOTETn	Num	8	ECHO # 96: RV Ejection Time (ms)
1059	RVOTDDSTn	Num	8	ECHO # 97: RVOT Diameter PSAX View - (valve level) In Diastole Distal (cm)
1060	RVOTVTIn	Num	8	ECHO # 98: RVOT Velocity Time Integral (cm)
1061	RVSPSALn	Num	8	ECHO # 99: RVSP Saline (mmHg)
1062	RVSPn	Num	8	ECHO #100: Right Ventricular Systolic Pressure (mmHg)
1063	TAPSEn	Num	8	ECHO #101: Tricuspid Annular Plane Systolic Excursion (cm)
1064	TRPVSAIn	Num	8	ECHO #103: TR Vmax Saline (cm/s)
1065	TRPVn	Num	8	ECHO #104: Tricuspid Valve Peak Regurgitation Velocity (cm/s)
1066	TVDTn	Num	8	ECHO #105: Tricuspid Valve Deceleration Time (ms)
1067	TVEFWn	Num	8	ECHO #106: TV Lateral e' (cm/s)
1068	TVEEn	Num	8	ECHO #107: TV E/e' (ms)
1069	TVEn	Num	8	ECHO #108: Tricuspid Valve E Velocity (cm/s)
1070	TVSFWn	Num	8	ECHO #110: TV Lateral s' (cm/s)
1071	LVEDV3Dn	Num	8	ECHO #113: 3D LVED Volume (mL)
1072	RVOTDPRXn	Num	8	ECHO #114: RVOT Diameter PSAX View - (proximal level) In Diastole Proximal (cm)
1073	LVEF3Dn	Num	8	ECHO #115: 3D LVEF (%)
1074	LVESV3Dn	Num	8	ECHO #117: 3D LVES Volume (mL)
1075	PAEDGn	Num	8	ECHO #118: PA End Diastolic Pressure Gradient (mmHg)
1076	PAMDGn	Num	8	ECHO #119: PA Mean Pressure (mmHg)
1077	trgn	Num	8	ECHO #109: Tricuspid Valve Regurgitation Degree
1078	lvefnat	Num	8	ECHO # 34: LV Visual Ejection Fraction (categorical)
1079	tim_enr_echo	Num	8	Days from Enrollment to ECHO
1080	tim_diag_echo	Num	8	For PH: Days from PH Diagnosis to ECHO
1081	mri_BPS	Num	8	MRI # 5: Systolic BP (mmHg)
1082	mri_BPD	Num	8	MRI # 6: Diastolic BP (mmHg)
1083	mri_LVEDV	Num	8	MRI # 7: Left Ventricular End Diastolic Volume (mL)
1084	mri_LVESV	Num	8	MRI # 8: Left Ventricular End Systolic Volume (mL)
1085	mri_LVSV	Num	8	MRI # 9: Left Ventricular Stroke Volume (mL)
1086	mri_LVEF	Num	8	MRI #10: Left Ventricular Ejection Fraction (%)
1087	mri_LVCO	Num	8	MRI #11: Left Ventricular Cardiac Output (L/min)
1088	mri_LVMASS	Num	8	MRI #12: Left Ventricular Mass (g)
1089	mri_LAEDV	Num	8	MRI #13: Left Atrial End Diastolic Volume (mL)
1090	mri_LAESV	Num	8	MRI #14: Left Atrial End Systolic Volume (mL)
1091	mri_RVEDV	Num	8	MRI #15: Right Ventricular End Diastolic Volume (mL)

Num	Variable	Type	Len	Label
1092	mri_RVESV	Num	8	MRI #16: Right Ventricular End Systolic Volume (mL)
1093	mri_RVSV	Num	8	MRI #17: Right Ventricular Stroke Volume (mL)
1094	mri_RVEF	Num	8	MRI #18: Right Ventricular Ejection Fraction (%)
1095	mri_RVCO	Num	8	MRI #19: Right Ventricular Cardiac Output (L/min)
1096	mri_RVMASS	Num	8	MRI #20: Right Ventricular Mass (g)
1097	mri_RAEDV	Num	8	MRI #21: Right Atrial End Diastolic Volume (mL)
1098	mri_RAESV	Num	8	MRI #22: Right Atrial End Systolic Volume (mL)
1099	mri_LGEM	Num	8	MRI #23: Late Gd Enh. Mass (g)
1100	mri_LELVM	Num	8	MRI #24: Late Enh./LV Mass (%)
1101	mri_QFLATFF	Num	8	MRI #25: Q Flow Aorta Total Forward Flow (mL)
1102	mri_AVRF	Num	8	MRI #26: AV Regurgitant Fraction 1 (%)
1103	mri_QFLAF	Num	8	MRI #27: Q Flow Aorta Forward (mL)
1104	mri_QFLAB	Num	8	MRI #28: Q Flow Aorta Backward (mL)
1105	mri_QFLMPATFF	Num	8	MRI #29: Q Flow MPA Total Forward Flow (mL)
1106	mri_PVRF	Num	8	MRI #30: PV Regurgitant Fraction 2 (%)
1107	mri_QFLMPAF	Num	8	MRI #31: Q Flow MPA Forward (mL)
1108	mri_QFLMPAB	Num	8	MRI #32: Q Flow MPA Backward (mL)
1109	mri_QFLRPATFF	Num	8	MRI #33: Q Flow RPA Total Forward Flow (mL)
1110	mri_QFLPATFF	Num	8	MRI #34: Q Flow LPA Forward Flow (mL)
1111	mri_QPQS	Num	8	MRI #35: Pulmonary Flow/Systemic Flow
1112	mri_LVPGLSS	Num	8	MRI #36: Left Ventricular Peak Global Longitudinal Systolic Strain (%)
1113	mri_RVPGLSS	Num	8	MRI #37: Right Ventricular Peak Global Longitudinal Systolic Strain (%)
1114	mri_LALVPGLSS	Num	8	MRI #38: Long Axis Left Ventricular Peak Global Longitudinal Systolic Strain (%)
1115	mri_MVRV	Num	8	MRI #39: Mitral Valve Regurgitant Volume (mL)
1116	mri_MVRF	Num	8	MRI #40: Mitral Valve Regurgitant Fraction (%)
1117	mri_TVRV	Num	8	MRI #41: Tricuspid Valve Regurgitant Volume (mL)
1118	mri_TVRF	Num	8	MRI #42: Tricuspid Valve Regurgitant Fraction (%)
1119	mri_RASV	Num	8	MRI #43: Right Atrial Stroke Volume (mL)
1120	mri_RAEF	Num	8	MRI #44: Right Atrial Ejection Fraction (%)
1121	mri_LASV	Num	8	MRI #45: Left Atrial Stroke Volume (mL)
1122	mri_LAEF	Num	8	MRI #46: Left Atrial Ejection Fraction (%)
1123	mri_contrast_used	Num	8	F251: Was contrast agent used?
1124	mri_done	Num	8	F251: Was a cardiac MRI done?
1125	DISTURB	Num	8	F251: Was there a cardiac rhythm disturbance during MRI?
1126	hr_collected	Num	8	F251: Was average heart rate collected during MRI?
1127	f251_bpmeas	Num	8	F251: BP measured at the beginning of the cardiac MRI? label
1128	DISTURB_TYPE	Num	8	F251: Type of cardiac rhythm disturbance?

Num	Variable	Type	Len	Label
1129	mri_contrast_vol	Num	8	F251: Total contrast volume (mL)
1130	f251_hr	Num	8	F251: Average heart rate during MRI (bpm) (if collected)
1131	f251_bpsys	Num	8	F251: Systolic BP (mmHg) at the beginning of cardiac MRI
1132	f251_bpdia	Num	8	F251: Diastolic BP (mmHg) at the beginning of cardiac MRI
1133	tim_enr_mri	Num	8	Days from Enrollment to Cardiac MRI
1134	tim_diag_mri	Num	8	For PH: Days from PH Diagnosis to Cardiac MRI
1135	CT_PERFORM	Num	8	F252/F253: Was the chest CT done?
1136	ctr_ct_scan_type	Num	8	F252/F253: Type of CT scan
1137	CT_STATUS	Num	8	F262: CT Scan status (1=New scan, 2=Historical scan)
1138	CT_QUALITY	Num	8	F262: Quality of CT scan?
1139	MAIN_PA	Num	8	F262: Main pulmonary artery (PA) (diameter, cm)
1140	ASCEND_AORTA	Num	8	F262: Ascending aorta (diameter, cm)
1141	GROUND_GLASS	Num	8	F262: Ground glass (0=No, 1=Yes)
1142	TRACT_BRONC	Num	8	F262: Traction bronchiectasis (0=No, 1=Yes)
1143	HONEYCOMBING	Num	8	F262: Honeycombing (0=No, 1=Yes)
1144	CONSOLIDATION	Num	8	F262: Consolidation (0=No, 1=Yes)
1145	ct_ild	Num	8	F262: Interstitial Lung Disease (ILD)
1146	ILD_ETIOLOGY	Num	8	F262: Most likely ILD etiology?
1147	ILD_ETIOLOGY_OTH	Char	50	F262: Other most likely ILD etiology - specify
1148	BRONC_THICK	Num	8	F262: Bronchial thickening (0=No, 1=Yes)
1149	EMPHYSEMA	Num	8	F262: Emphysema (0=No, 1=Yes)
1150	MOSAIC_ATTEN	Num	8	F262: Mosaic attenuation (0=No, 1=Yes)
1151	SEPTAL_THICK	Num	8	F262: Septal thickening (0=No, 1=Yes)
1152	THROMB_DIS	Num	8	F262: Thromboembolic disease (0=No, 1=Yes, 8=N/A-cannot be determined due to type of scan)
1153	THROMB_MAIN	Num	8	F262: Main (0=No, 1=Yes)
1154	THROMB_LOBAR	Num	8	F262: Lobar (0=No, 1=Yes)
1155	THROMB_SEG	Num	8	F262: Segmental (0=No, 1=Yes)
1156	THROMB_SUBSEG	Num	8	F262: Sub-segmental (0=No, 1=Yes)
1157	MEDIA_ADENO	Num	8	F262: Mediastinal adenopathy >1cm (0=No, 1=Yes)
1158	CARD_ENLARGE	Num	8	F262: Cardiac enlargement (0=No, 1=Yes)
1159	PERI_EFF	Num	8	F262: Pericardial effusion (0=No, 1=Mild, 2=Moderate, 3=Severe)
1160	ESOPHAGUS	Num	8	F262: Esophagus (0=No, 1=Yes)
1161	LUNG_NODULES	Num	8	F262: Lung nodules >6 mm (0=No, 1=Yes)
1162	CW_MUSCUL_AGE	Num	8	F262: Chest wall musculature-age appropriate (1=Normal, 2=Atrophic)
1163	BREAST_MASS	Num	8	F262: Breast mass(es) (0=No, 1=Yes)
1164	VERT_FRACT	Num	8	F262: Vertebral fracture(s) (0=No, 1=Yes)
1165	PLEURAL_WALL	Num	8	F262: Pleural wall abnormality (0=No, 1=Yes)

Num	Variable	Type	Len	Label
1166	CW_SUBCUT_FAT	Num	8	F262: Chest wall subcutaneous fat (1=Normal, 2=Obese, 3=Atrophic)
1167	CW_SPINE_DEF	Num	8	F262: Chest wall or thoracic spine deformity (for example: kyphoscoliosis, etc) (0=No, 1=Yes)
1168	PULM_HYPER	Num	8	F262: Is the Chest CT suggestive of pulmonary hypertension?
1169	pa_aorta	Num	8	F262: Main PA/Ascending aorta
1170	RT_PA	Num	8	F262: Right PA measurement (cm)
1171	LT_PA	Num	8	F262: Left PA measurement (cm)
1172	tim_enr_ct	Num	8	Days from Enrollment to Chest CT
1173	tim_diag_ct	Num	8	For PH: Days from PH Diagnosis to Chest CT
1174	f254_scan_perf	Num	8	F254: Was a lung ventilation/perfusion (V/Q) scan performed for the PVDOMICS Study?
1175	PULM_EMBOLISM	Num	8	F254: What was the nuclear medicine report reading on the probability of a pulmonary embolism?
1176	VENT_AGENT	Num	8	F254: Was a radiopharmaceutical agent for Ventilation scan identified on local report
1177	VENT_TYPE	Num	8	F254: Type of radiopharmaceutical agent administered
1178	VENT_ACTIVITY	Num	8	F254: Activity (mCi)
1179	PERF_AGENT	Num	8	F254: Was a radiopharmaceutical agent for Perfusion scan identified on the local report
1180	PERF_TYPE	Num	8	F254: Type of radiopharmaceutical agent administered
1181	PERF_ACTIVITY	Num	8	F254: 99mTc-MAA activity (mCi)
1182	tim_enr_vq	Num	8	Days from Enrollment to V/Q Scan
1183	tim_diag_vq	Num	8	For PH: Days from PH Diagnosis to V/Q Scan
1184	atps_btps_conv_c	Num	8	PFT: Conversion factor (ATPS to BTPS)
1185	BRONCH_USED	Num	8	PFT: F270 only: Did participant use a prescription or non-prescription inhaled bronchodilator within 8 hours prior to testing?
1186	BRONCH_HRS_PRIOR	Num	8	PFT: F270 only: If yes, how many hours prior to testing did participant use the bronchodilator?
1187	SMOKE_PRIOR	Num	8	PFT: F270 only: Did participant smoke any tobacco within 1 hour prior to testing?
1188	EXERC_PRIOR	Num	8	PFT: F270 only: Did participant exercise strenuously within 1 hour prior to testing?
1189	OXYGEN	Num	8	PFT: F270 only: Does participant use supplemental oxygen?
1190	OXYGEN_LPM	Num	8	PFT: F270 only: If yes, prescribed oxygen use (liters per minute)
1191	OXYGEN_DISC	Num	8	PFT: F270 only: Was supplemental oxygen disc'd at least 10 min. prior to testing?
1192	OXYGEN_DISC_MIN	Num	8	PFT: F270 only: If no, how many minutes before O2 discontinued prior testing?
1193	THEOPH	Num	8	PFT: F270 only: Has the pt taken a Theophylline preparation within the past 36 hrs?
1194	THEOPH_SPEC	Char	200	PFT: F270 only: If YES to Q14, specify drug taken

Num	Variable	Type	Len	Label
1195	THEOPH_HRS	Num	8	PFT: F270 only: How many hours before first spirometry was last dose of theophylline taken?
1196	RESP_INFEC	Num	8	PFT: F270 only: Has participant had an acute respiratory infection within last 2 wks?
1197	RESP_INFEC_SPEC	Char	200	PFT: F270 only: If YES, specify:
1198	RESCHED	Num	8	PFT: F270 only: Was participant rescheduled?
1199	RESCHED_NO_SPEC	Char	2000	PFT: F270 only: If NO, why not:
1200	MOUTHPIECE_SIZE	Num	8	PFT: F270 only: Mouthpiece size used
1201	PFT_DONE	Num	8	PFT: Was PFT done?
1202	PFT_ND_REAS	Num	8	PFT: Why were the PFTs not done?
1203	pft_flag	Num	8	PVD vs Hist PFT
1204	AMBIENT_TEMP_c	Num	8	PFT: Ambient temperature (oC)
1205	BAROMET_PRESS_c	Num	8	PFT: Barometric pressure (mmHg)
1206	HGB_MEAS_c	Num	8	PFT: Was hemoglobin measured within 2 weeks of PFTs?
1207	SPIRO_DONE_c	Num	8	PFT: Was spirometry done?
1208	SPIRO_POS_c	Num	8	PFT: Participant position
1209	SPIRO_REST_HR_c	Num	8	PFT: Resting (sitting) heart rate: (bpm)
1210	POST_SPIRO_MIN_c	Num	8	PFT: Number of minutes spirometry done post-bronchodilator treatment
1211	POST_BRONCH_TYPE_c	Num	8	PFT: Type of bronchodilator used
1212	POST_INH_METH_c	Num	8	PFT: Method of inhalation
1213	PLETH_DONE_c	Num	8	PFT: Were plethysmography (body box) tests done?
1214	PLETH_PRE_POS_c	Num	8	PFT: Pre BD: Participant position
1215	PLETH_POST_POS_c	Num	8	PFT: Post BD: Participant position
1216	PLETH_PRE_FRC_c	Num	8	PFT: Pre BD: FRC (L) (BTPS)
1217	PLETH_POST_FRC_c	Num	8	PFT: Post BD: FRC (L) (BTPS)
1218	PLETH_PRE_ERV_c	Num	8	PFT: Pre BD: ERV (L)
1219	PLETH_POST_ERV_c	Num	8	PFT: Post BD: ERV (L)
1220	PLETH_PRE_RV_c	Num	8	PFT: Pre BD: RV (box)
1221	PLETH_POST_RV_c	Num	8	PFT: Post BD: RV (box)
1222	PLETH_PRE_SVC_c	Num	8	PFT: Pre BD: SVC (L)
1223	PLETH_POST_SVC_c	Num	8	PFT: Post BD: SVC (L)
1224	PLETH_PRE_IC_c	Num	8	PFT: Pre BD: IC (L)
1225	PLETH_POST_IC_c	Num	8	PFT: Post BD: IC (L)
1226	PLETH_PRE_TGV_c	Num	8	PFT: Pre BD: TGV (box)
1227	PLETH_POST_TGV_c	Num	8	PFT: Post BD: TGV (box)
1228	DLCO_DONE_c	Num	8	PFT: Were Single Breath DLCO tests done?
1229	DLCO_POS_1_c	Num	8	PFT: Test 1: Participant position
1230	DLCO_POS_2_c	Num	8	PFT: Test 2: Participant position
1231	DLCO_PERF_1_c	Num	8	PFT: Test 1: When was test performed?

Num	Variable	Type	Len	Label
1232	DLCO_PERF_2_c	Num	8	PFT: Test 2: When was test performed?
1233	HGB_c	Num	8	PFT: Hemoglobin (g/dl)
1234	pre_fvc_tbl	Num	8	PFT: Pre-BD Spirometry: FVC (L) (BPTS)
1235	pre_fev1_tbl	Num	8	PFT: Pre-BD Spirometry: FEV1 (BPTS)
1236	post_fvc_tbl	Num	8	PFT: Post-BD Spirometry: FVC (L) (BPTS)
1237	post_fev1_tbl	Num	8	PFT: Post-BD Spirometry: FEV1 (BPTS)
1238	pre_fef_tbl	Num	8	PFT: Pre BD Test: Forced expiratory flow (FEF 25-75) (L/S)
1239	pre_fet_tbl	Num	8	PFT: Pre BD Test: Forced expiratory time (FET)
1240	pre_pf_tbl	Num	8	PFT: Post BD : Peak Flow (L/S)
1241	pre_fvcfev1_tbl	Num	8	PFT: Pre-BD Spirometry: FEV1/FVC (%)
1242	post_fef_tbl	Num	8	PFT: Post BD Test: Forced expiratory flow (FEF 25-75) (L/S)
1243	post_fet_tbl	Num	8	PFT: Post BD Test: Forced expiratory time (FET)
1244	post_pf_tbl	Num	8	PFT: Post BD : Peak Flow (L/S)
1245	post_fvcfev1_tbl	Num	8	PFT: Post-BD Spirometry: FEV1/FVC (%)
1246	fev1_percent_predicted_noRace	Num	8	PFT: FEV1 race neutral % predicted
1247	fvc_percent_predicted_noRace	Num	8	PFT: FVC race neutral % predicted
1248	fev1fvc_percent_predicted_noRace	Num	8	PFT: FEV1/FVC race neutral % predicted
1249	pre_dlco_tbl	Num	8	PFT: Pre BD: DLCO (mlCO/min/mmHg)
1250	pre_dlva_tbl	Num	8	PFT: Pre BD: DL/VA (mlCO/min/mmHg/L) (BPTS)
1251	pre_vin_tbl	Num	8	PFT: Pre BD: Vin (inspired volume) or IVC
1252	pre_va_tbl	Num	8	PFT: Pre BD: VA (alveolar volume)
1253	post_dlco_tbl	Num	8	PFT: Post BD: DLCO (mlCO/min/mmHg)
1254	post_dlva_tbl	Num	8	PFT: Post BD: DL/VA (mlCO/min/mmHg/L) (BPTS)
1255	post_vin_tbl	Num	8	PFT: Post BD: Vin (inspired volume) or IVC
1256	post_va_tbl	Num	8	PFT: Post BD: VA (alveolar volume)
1257	pre_FEV1_percent_predicted	Num	8	PFT: Pre-BD FEV1 % predicted
1258	pre_fvc_percent_predicted	Num	8	PFT: Pre-BD FVC % predicted
1259	pre_dlco_percent_predicted	Num	8	PFT: Pre BD: DLCO % predicted
1260	pre_FEV1FVC_percent_predicted	Num	8	PFT: Pre-BD FEV1/FVC % predicted
1261	post_FEV1_percent_predicted	Num	8	PFT: post-BD FEV1 % predicted
1262	post_fvc_percent_predicted	Num	8	PFT: post-BD FVC % predicted
1263	post_dlco_percent_predicted	Num	8	PFT: Post BD: DLCO % predicted
1264	post_FEV1FVC_percent_predicted	Num	8	PFT: post-BD FEV1/FVC % predicted
1265	post_tlc_perc_pred	Num	8	PFT: Post BD: TLC (% predicted)
1266	pre_tlc_perc_pred	Num	8	PFT: Pre BD: TLC (% predicted)
1267	pre_dlco_tbl_hgb	Num	8	PFT: Pre BD: DLCO adjusted for HgB (mlCO/min/mmHg)
1268	post_dlco_tbl_hgb	Num	8	PFT: Post BD: DLCO adjusted for HgB (mlCO/min/mmHg)
1269	tim_enr_pft	Num	8	Days from Enrollment to PFT
1270	tim_diag_pft	Num	8	For PH: Days from PH Diagnosis to PFT

Num	Variable	Type	Len	Label
1271	LHC	Num	8	RHC: Was left heart catheterization done in conjunction with this RHC?
1272	HEPARIN	Num	8	RHC: Was participant taking heparin prior to RHC?
1273	HEP_WITHHELD	Num	8	RHC: Was heparin withheld for the appropriate amount of time?
1274	MEDS	Num	8	RHC: Has participant taken insulin or anticoagulants in the last 24 hrs
1275	INSULIN	Num	8	RHC: Insulin?
1276	ANTICOAG	Num	8	RHC: Anticoagulant other than heparin?
1277	hgb_f280	Num	8	RHC: Measured hemoglobin on day of RHC (g/dl)
1278	HGB_LOC	Num	8	RHC: Where was blood taken for hemoglobin?
1279	oxygen_f280	Num	8	RHC: Is participant using oxygen at the time of this RHC?
1280	o2_flow_f280	Num	8	RHC: What O2 flow rate is used during right heart catheterization (L/min)?
1281	VENOUS_ACCESS	Num	8	RHC: RHC info: Venous access obtained via
1282	SHEATH_SIZE	Num	8	RHC: Swan-Ganz sheath French size used during RHC
1283	CATHETER_SIZE	Num	8	RHC: Swan-Ganz catheter French size used during RHC
1284	SVC_SAT	Num	8	RHC: Rest: Superior Vena Cava Oxygen Saturation (SVC sat) (%)
1285	FIO2	Num	8	RHC: Rest: Fraction of Inspired Oxygen (FiO2) (%)
1286	O2_SAT	Num	8	RHC: Rest: Pulse Oximetry Oxygen Saturation (O2 sat) (%)
1287	ART_O2	Num	8	RHC: Rest: Arterial Oxygen Saturation (Art O2) (%)
1288	SBP	Num	8	RHC: Rest: Systemic Systolic Blood Pressure (SBP) (mmHg)
1289	DBP	Num	8	RHC: Rest: Systemic Diastolic Blood Pressure (DBP) (mmHg)
1290	BP_MEAS	Num	8	RHC: Rest: How was Blood Pressure measured?
1291	HT_RT	Num	8	RHC: Rest: Heart Rate (bpm)
1292	HT_RHYTHM	Num	8	RHC: Rest: Heart Rhythm
1293	RA_MP_SPONT	Num	8	RHC: Rest: Right Atrium (RA) Mean Pressure (mmHg) (Spontaneous Breathing)
1294	RA_MP_EXPIR	Num	8	RHC: Rest: Right Atrium (RA) Mean Pressure (mmHg) (End-Expiratory Hold)
1295	RA_A_WAVE_SPONT	Num	8	RHC: Rest: RA Peak 'a wave' Pressure (mmHg) (Spontaneous Breathing)
1296	RA_A_WAVE_EXPIR	Num	8	RHC: Rest: RA Peak 'a wave' Pressure (mmHg) (End-Expiratory Hold)
1297	RA_V_WAVE_SPONT	Num	8	RHC: Rest: RA Peak 'v wave' Pressure (mmHg) (Spontaneous Breathing)
1298	RA_V_WAVE_EXPIR	Num	8	RHC: Rest: RA Peak 'v wave' Pressure (mmHg) (End-Expiratory Hold)
1299	RA_SAT_SPONT	Num	8	RHC: Rest: RA Oxygen Saturation (RA sat) (%)
1300	RV_SP_SPONT	Num	8	RHC: Rest: Right Ventricle (RV) Peak Systolic Pressure (SBP) (mmHg) (Spontaneous Breathing)
1301	RV_SP_EXPIR	Num	8	RHC: Rest: Right Ventricle (RV) Peak Systolic Pressure (SBP) (mmHg) (End-Expiratory Hold)

Num	Variable	Type	Len	Label
1302	RV_END_DP_SPONT	Num	8	RHC: Rest: RV End Diastolic Pressure (mmHg) (Spontaneous Breathing)
1303	RV_END_DP_EXPIR	Num	8	RHC: Rest: RV End Diastolic Pressure (mmHg) (End-Expiratory Hold)
1304	PCWP_SPONT	Num	8	RHC: Rest: Pulmonary Capillary Wedge (PCW) Mean Pressure (a wave) (mmHg) (Spontaneous Breathing)
1305	PCWP_EXPIR	Num	8	RHC: Rest: Pulmonary Capillary Wedge (PCW) Mean Pressure (a wave) (mmHg) (End-Expiratory Hold)
1306	PCWP_A_WAVE_SPONT	Num	8	RHC: Rest: PCW Peak 'a wave' Pressure (mmHg) (Spontaneous Breathing)
1307	PCWP_A_WAVE_EXPIR	Num	8	RHC: Rest: PCW Peak 'a wave' Pressure (mmHg) (End-Expiratory Hold)
1308	PCWP_V_WAVE_SPONT	Num	8	RHC: Rest: PCW Peak 'v wave' Pressure (mmHg) (Spontaneous Breathing)
1309	PCWP_V_WAVE_EXPIR	Num	8	RHC: Rest: PCW Peak 'v wave' Pressure (mmHg) (End-Expiratory Hold)
1310	PCWP_SAT	Num	8	RHC: Rest: PCWP Oxygen Saturation (PCWP sat) (%)
1311	PA_SP_SPONT	Num	8	RHC: Rest: Pulmonary Artery (PA) Systolic Pressure (mmHg) (Spontaneous Breathing)
1312	PA_SP_EXPIR	Num	8	RHC: Rest: Pulmonary Artery (PA) Systolic Pressure (mmHg) (End-Expiratory Hold)
1313	PA_DP_SPONT	Num	8	RHC: Rest: PA Diastolic Pressure (mmHg) (Spontaneous Breathing)
1314	PA_DP_EXPIR	Num	8	RHC: Rest: PA Diastolic Pressure (mmHg) (End-Expiratory Hold)
1315	PA_MP_MEAS_SPONT	Num	8	RHC: Rest: PA Mean Pressure measured from Mean PA line by machine (mmHg) (Spontaneous Breathing)
1316	PA_MP_MEAS_EXPIR	Num	8	RHC: Rest: PA Mean Pressure measured from Mean PA line by machine (mmHg) (End-Expiratory Hold)
1317	PA_O2_SAT	Num	8	RHC: Rest: PA Oxygen Saturation (PA sat) (%)
1318	THERMO_DONE	Num	8	RHC: Rest: Were Resting RHC Thermodilution CO measurements done?
1319	THERMO_MEAS_1	Num	8	RHC: Rest: TDCO (L/min) - measurement 1
1320	THERMO_MEAS_2	Num	8	RHC: Rest: TDCO (L/min) - measurement 2
1321	THERMO_MEAS_3	Num	8	RHC: Rest: TDCO (L/min) - measurement 3
1322	FICK_VO2	Num	8	RHC: Rest: Resting VO2 (measured) (ml/kg/min)
1323	FICK_OUTPUT	Num	8	RHC: Rest: Direct Fick Cardiac Output (L/min)
1324	FICK_INDEX	Num	8	RHC: Rest: Direct Fick Cardiac Index (L/min/m2)
1325	OC_DONE	Num	8	RHC: O2: Was Oxygen Challenge done?
1326	OC_FIO2_SAT	Num	8	RHC: O2: Rest: Fraction of Inspired Oxygen (FiO2 sat) (%)
1327	OC_O2_SAT	Num	8	RHC: O2: Pulse Oximetry Oxygen Saturation (O2 sat) (%)
1328	OC_ARTO2_SAT	Num	8	RHC: O2: Arterial Oxygen Saturation (Art O2 sat)
1329	OC_SBP	Num	8	RHC: O2: Systolic Blood Pressure (SBP) (mmHg)
1330	OC_DBP	Num	8	RHC: O2: Diastolic Blood Pressure (DBP) (mmHg)
1331	OC_BP_MEAS	Num	8	RHC: O2: How was Blood Pressure measured?

Num	Variable	Type	Len	Label
1332	OC_HT_RATE	Num	8	RHC: O2: Heart Rate (bpm)
1333	OC_HT_RHYTHM	Num	8	RHC: O2: Heart Rhythm
1334	OC_RA_MEAN_PRESS	Num	8	RHC: O2: Right Atrium (RA) Mean Pressure (mmHg)
1335	OC_RA_A_WAVE_PRESS	Num	8	RHC: O2: RA Peak 'a wave' Pressure (mmHg)
1336	OC_RA_V_WAVE_PRESS	Num	8	RHC: O2: RA Peak 'v wave' Pressure (mmHg)
1337	OC_PCWP_MEAN_PRESS	Num	8	RHC: O2: Pulmonary Capillary Wedge (PCW) Mean Pressure (a wave) (mmHg)
1338	OC_PCWP_A_WAVE_PRESS	Num	8	RHC: O2: PCW Peak 'a wave' Pressure (mmHg)
1339	OC_PCWP_V_WAVE_PRESS	Num	8	RHC: O2: PCW Peak 'v wave' Pressure (mmHg)
1340	OC_PA_SP	Num	8	RHC: O2: Pulmonary Artery (PA) Systolic Pressure (mmHg)
1341	OC_PA_DP	Num	8	RHC: O2: PA Diastolic Pressure (mmHg)
1342	OC_PA_MP_MEAS	Num	8	RHC: O2: PA Mean Pressure measured from Mean PA line by machine (mmHg)
1343	OC_THERMO_DONE	Num	8	RHC: O2: Were Thermodilution CO measurements done?
1344	OC_THERMO_MEAS_1	Num	8	RHC: O2: TDCO (L/min) - measurement 1
1345	OC_THERMO_MEAS_2	Num	8	RHC: O2: TDCO (L/min) - measurement 2
1346	OC_THERMO_MEAS_3	Num	8	RHC: O2: TDCO (L/min) - measurement 3
1347	VC_DONE	Num	8	RHC: iNO: Was Vasodilatory Challenge done?
1348	VC_FIO2_SAT	Num	8	RHC: iNO: Fraction of Inspired Oxygen (FiO2) (%)
1349	VC_O2_SAT	Num	8	RHC: iNO: Pulse Oximetry Oxygen Saturation (O2 sat) (%)
1350	VC_ARTO2_SAT	Num	8	RHC: iNO: Arterial Oxygen Saturation (Art O2) (%)
1351	VC_SBP	Num	8	RHC: iNO: Systolic Blood Pressure (SBP) (mmHg)
1352	VC_DBP	Num	8	RHC: iNO: Diastolic Blood Pressure (DBP) (mmHg)
1353	VC_BP_MEAS	Num	8	RHC: iNO: How was Blood Pressure measured?
1354	VC_HT_RATE	Num	8	RHC: iNO: Heart Rate (bpm)
1355	VC_HT_RHYTHM	Num	8	RHC: iNO: Heart Rhythm
1356	VC_RA_MEAN_PRESS	Num	8	RHC: iNO: Right Atrium (RA) Mean Pressure (mmHg)
1357	VC_RA_A_WAVE_PRESS	Num	8	RHC: iNO: RA Peak 'a wave' Pressure (mmHg)
1358	VC_RA_V_WAVE_PRESS	Num	8	RHC: iNO: RA Peak 'v wave' Pressure (mmHg)
1359	VC_PCWP_MEAN_PRESS	Num	8	RHC: iNO: Pulmonary Capillary Wedge (PCW) Mean Pressure (a wave) (mmHg)
1360	VC_PCWP_A_WAVE_PRESS	Num	8	RHC: iNO: PCW Peak 'a wave' Pressure (mmHg)
1361	VC_PCWP_V_WAVE_PRESS	Num	8	RHC: iNO: PCW Peak 'v wave' Pressure (mmHg)
1362	VC_PA_SP	Num	8	RHC: iNO: Pulmonary Artery (PA) Systolic Pressure (mmHg)
1363	VC_PA_DP	Num	8	RHC: iNO: PA Diastolic Pressure (mmHg)
1364	VC_PA_MP_MEAS	Num	8	RHC: iNO: PA Mean Pressure measured from Mean PA line by machine (mmHg)
1365	VC_THERMO_DONE	Num	8	RHC: iNO: Were Thermodilution CO measurements done?
1366	VC_THERMO_MEAS_1	Num	8	RHC: iNO: TDCO (L/min) - measurement 1
1367	VC_THERMO_MEAS_2	Num	8	RHC: iNO: TDCO (L/min) - measurement 2

Num	Variable	Type	Len	Label
1368	VC_THERMO_MEAS_3	Num	8	RHC: iNO: TDCO (L/min) - measurement 3
1369	FC_DONE	Num	8	RHC: Fluid: Was Fluid Challenge done?
1370	FC_FIO2_SAT	Num	8	RHC: Fluid: Fraction of Inspired Oxygen (FiO2) (%)
1371	FC_O2_SAT	Num	8	RHC: Fluid: Pulse Oximetry Oxygen Saturation (O2 sat) (%)
1372	FC_ARTO2_SAT	Num	8	RHC: Fluid: Arterial Oxygen Saturation (Art O2) (%)
1373	FC_SBP	Num	8	RHC: Fluid: Systolic Blood Pressure (SBP) (mmHg)
1374	FC_DBP	Num	8	RHC: Fluid: Diastolic Blood Pressure (DBP) (mmHg)
1375	FC_BP_MEAS	Num	8	RHC: Fluid: How was Blood Pressure measured?
1376	FC_HT_RATE	Num	8	RHC: Fluid: Heart Rate (bpm)
1377	FC_HT_RHYTHM	Num	8	RHC: Fluid: Heart Rhythm
1378	FC_RA_MEAN_PRESS	Num	8	RHC: Fluid: Right Atrium (RA) Mean Pressure (mmHg)
1379	FC_RA_A_WAVE_PRESS	Num	8	RHC: Fluid: RA Peak 'a wave' Pressure (mmHg)
1380	FC_RA_V_WAVE_PRESS	Num	8	RHC: Fluid: RA Peak 'v wave' Pressure (mmHg)
1381	FC_PCWP_MEAN_PRESS	Num	8	RHC: Fluid: Pulmonary Capillary Wedge (PCW) Mean Pressure (a wave) (mmHg)
1382	FC_PCWP_A_WAVE_PRESS	Num	8	RHC: Fluid: PCW Peak 'a wave' Pressure (mmHg)
1383	FC_PCWP_V_WAVE_PRESS	Num	8	RHC: Fluid: PCW Peak 'v wave' Pressure (mmHg)
1384	FC_PA_SP	Num	8	RHC: Fluid: Pulmonary Artery (PA) Systolic Pressure (mmHg)
1385	FC_PA_DP	Num	8	RHC: Fluid: PA Diastolic Pressure (mmHg)
1386	FC_PA_MP_MEAS	Num	8	RHC: Fluid: PA Mean Pressure measured from Mean PA line by machine (mmHg)
1387	FC_THERMO_DONE	Num	8	RHC: Fluid: Were Thermodilution CO Measurements done?
1388	FC_THERMO_MEAS_1	Num	8	RHC: Fluid: TDCO (L/min) - measurement 1
1389	FC_THERMO_MEAS_2	Num	8	RHC: Fluid: TDCO (L/min) - measurement 2
1390	FC_THERMO_MEAS_3	Num	8	RHC: Fluid: TDCO (L/min) - measurement 3
1391	OC_FICK_DONE	Num	8	F280: Were Direct FICK Output Measurements Done
1392	OC_FICK_VO2	Num	8	RHC: O2: Resting VO2 (measured) (ml/kg/min)
1393	OC_FICK_OUTPUT	Num	8	RHC: O2: Direct Fick Cardiac Output (L/min)
1394	OC_FICK_INDEX	Num	8	RHC: O2: Direct Fick Cardiac Index (L/min/m2)
1395	VC_FICK_VO2	Num	8	RHC: iNO: Resting VO2 (measured) (ml/kg/min)
1396	VC_FICK_OUTPUT	Num	8	RHC: iNO: Direct Fick Cardiac Output (L/min)
1397	VC_FICK_INDEX	Num	8	RHC: iNO: Direct Fick Cardiac Index (L/min/m2)
1398	FC_FICK_VO2	Num	8	RHC: Fluid: Resting VO2 (measured) (ml/kg/min)
1399	FC_FICK_OUTPUT	Num	8	RHC: Fluid: Direct Fick Cardiac Output (L/min)
1400	FC_FICK_INDEX	Num	8	RHC: Fluid: Direct Fick Cardiac Index (L/min/m2)
1401	pos_s_yn	Num	8	Nitric Oxide Vasodilator Responsive
1402	card_output	Num	8	RHC: Rest: Cardiac Output
1403	oc_card_output	Num	8	RHC: O2: Cardiac Output
1404	vc_card_output	Num	8	RHC: iNO: Cardiac Output

Num	Variable	Type	Len	Label
1405	fc_card_output	Num	8	RHC: Fluid: Cardiac Output
1406	pvr_spont	Num	8	RHC: Rest: PVR (Spontaneous Breathing) (Wood units)
1407	pvr_expir	Num	8	RHC: Rest: PVR (End-expiratory Hold) (Wood units)
1408	oc_pvr	Num	8	RHC: O2: PVR (Wood units)
1409	vc_pvr	Num	8	RHC: iNO: PVR (Wood units)
1410	fc_pvr	Num	8	RHC: Fluid: PVR (Wood units)
1411	card_index	Num	8	RHC: Rest: Cardiac Index (TDCI) (L/min/m2)
1412	oc_card_index	Num	8	RHC: O2: Thermodilution Cardiac Index (TDCI) (L/min/m2)
1413	vc_card_index	Num	8	RHC: iNO: Thermodilution Cardiac Index (TDCI) (L/min/m2)
1414	fc_card_index	Num	8	RHC: Fluid: Thermodilution Cardiac Index (TDCI) (L/min/m2)
1415	stroke_vol	Num	8	RHC: Rest: Stroke volume (mL/beat)
1416	oc_stroke_vol	Num	8	RHC: OC: Stroke volume (mL/beat)
1417	vc_stroke_vol	Num	8	RHC: VC: Stroke volume (mL/beat)
1418	fc_stroke_vol	Num	8	RHC: FC: Stroke volume (mL/beat)
1419	pa_compliance_spont	Num	8	RHC: Rest: PA compliance (dV/dP) (Spontaneous Breathing)
1420	pa_compliance_expir	Num	8	RHC: Rest: PA compliance (dV/dP) (End-Expiratory Hold)
1421	oc_pa_compliance	Num	8	RHC: OC: PA compliance (dV/dP)
1422	vc_pa_compliance	Num	8	RHC: VC: PA compliance (dV/dP)
1423	fc_pa_compliance	Num	8	RHC: FC: PA compliance (dV/dP)
1424	rc_time_spont	Num	8	RHC: Rest: Resistance compliance (RC) time(s) (Spontaneous Breathing)
1425	rc_time_expir	Num	8	RHC: Rest: Resistance compliance (RC) time(s) (End-Expiratory Hold)
1426	oc_rc_time	Num	8	RHC: OC: Resistance compliance (RC) time(s)
1427	vc_rc_time	Num	8	RHC: VC: Resistance compliance (RC) time(s)
1428	fc_rc_time	Num	8	RHC: FC: Resistance compliance (RC) time(s)
1429	r_hypox	Num	8	Rest: Hypoxemia
1430	stroke_vol_ind_tdco	Num	8	Rest: Stroke Volume Index (SVI) (ml/m ²)
1431	oc_stroke_vol_ind_tdco	Num	8	O2: Stroke Volume Index (SVI) (ml/m ²)
1432	vc_stroke_vol_ind_tdco	Num	8	VC: Stroke Volume Index (SVI) (ml/m ²)
1433	fc_stroke_vol_ind_tdco	Num	8	FC: Stroke Volume Index (SVI) (ml/m ²)
1434	rvswi	Num	8	Rest: Right ventricular stroke work index (g/m/beat/m2)
1435	lvtmp_r	Num	8	Rest: Left ventricular transmural pressure (LVTMP) (mmHg)
1436	new_rhc_ratio_r	Num	8	Rest: RAP / PCWP
1437	svpp	Num	8	Rest: Capacitance (mL/bpm*mmHg)
1438	tim_enr_rhc	Num	8	Days from Enrollment to RHC
1439	tim_diag_rhc	Num	8	For PH: Days from PH Diagnosis to RHC
1440	cpet_REC_HR_MIN	Num	8	(i)CPET: Last available timepoint >2min for heart rate
1441	cpet_REC_HR	Num	8	(i)CPET: Last available heart rate measurement post exercise >2min

Num	Variable	Type	Len	Label
1442	cpet_REC_BP_SYS_MIN	Num	8	(i)CPET: Last available timepoint >2min for systolic BP
1443	cpet_REC_BP_SYS	Num	8	(i)CPET: Last available systolic BP measurement post exercise >2min
1444	cpet_REC_BP_DIA_MIN	Num	8	(i)CPET: Last available timepoint >2min for diastolic BP
1445	cpet_REC_BP_DIA	Num	8	(i)CPET: Last available diastolic BP measurement post exercise >2min
1446	cpet_REC_OS_SAT_MIN	Num	8	(i)CPET: Last available timepoint >2min for % O2 saturation
1447	cpet_REC_OS_SAT	Num	8	(i)CPET: Last available % O2 saturation measurement post exercise >2min
1448	cpet_REST_RESP_RATE	Num	8	(i)CPET: At Rest: Respiratory Rate
1449	cpet_SUB_RESP_RATE	Num	8	(i)CPET: Submaximal (Exer. 2 min.): Respiratory Rate
1450	cpet_PEAK_RESP_RATE	Num	8	(i)CPET: At Peak Exerc.: Respiratory Rate (breaths per min)
1451	cpet_REC2_RESP_RATE	Num	8	(i)CPET: Recovery 2 min.: Respiratory Rate
1452	cpet_REC_RESP_RATE_MIN	Num	8	(i)CPET: Last available timepoint >2min for resp. rate
1453	cpet_REC_RESP_RATE	Num	8	(i)CPET: Last available resp. rate measurement post exercise >2min
1454	cpet_REC_VO2_MIN	Num	8	(i)CPET: Last available timepoint >2min for VO2
1455	cpet_REC_Vo2	Num	8	(i)CPET: Last available VO2 measurement post exercise >2min
1456	cpet_REST_VCO2	Num	8	(i)CPET: At Rest: VCO2 (ml/kg/min)
1457	cpet_SUB_VCO2	Num	8	(i)CPET: Submaximal (Exer. 2 min.): VCO2 (ml/kg/min)
1458	cpet_PEAK_VCO2	Num	8	(i)CPET: At Peak Exerc.: VCO2 (ml/kg/min)
1459	cpet_REC2_VCO2	Num	8	(i)CPET: Recovery 2 min.: VCO2 (ml/kg/min)
1460	cpet_REC_VCO2_MIN	Num	8	(i)CPET: Last available timepoint >2min for VCO2
1461	cpet_REC_VCo2	Num	8	(i)CPET: Last available VCO2 measurement post exercise >2min
1462	cpet_REST_RER	Num	8	(i)CPET: At Rest: Respiratory Exchange Ratio (RER)
1463	cpet_SUB_RER	Num	8	(i)CPET: Submaximal (Exer. 2 min.): Respiratory Exchange Ratio (RER)
1464	cpet_PEAK_RER	Num	8	(i)CPET: At Peak Exerc.: Respiratory Exchange Ration (RER) at Peak
1465	cpet_REC2_RER	Num	8	(i)CPET: Recovery 2 min.: Respiratory Exchange Ratio (RER)
1466	cpet_REC_RER_MIN	Num	8	(i)CPET: Last available timepoint >2min for RER
1467	cpet_REC_RER	Num	8	(i)CPET: Last available RER measurement post exercise >2min
1468	cpet_rest_ve	Num	8	(i)CPET: At Rest: Ve (BTPS) (L/min)
1469	cpet_SUB_ve	Num	8	(i)CPET: Submaximal (Exer. 2 min.): Ve (BTPS) (L/min)
1470	cpet_PEAK_ve	Num	8	(i)CPET: At Peak Exerc.: Ve (L/min)
1471	cpet_REC2_ve	Num	8	(i)CPET: Recovery 2 min.: Ve (BTPS) (L/min)
1472	cpet_REC_VE_MIN	Num	8	(i)CPET: Last available timepoint >2min for VE
1473	cpet_REC_VE	Num	8	(i)CPET: Last available VE measurement post exercise >2min
1474	cpet_rest_tidal	Num	8	(i)CPET: At Rest: Tidal Volume (Vt) (mL)
1475	cpet_SUB_tidal	Num	8	(i)CPET: Submaximal (Exer. 2 min.): Tidal Volume (Vt) (mL)
1476	cpet_PEAK_tidal	Num	8	(i)CPET: At Peak Exerc.: Tidal Volume (Vt) (mL)

Num	Variable	Type	Len	Label
1477	cpet_REC2_tidal	Num	8	(i)CPET: Recovery 2 min.: Tidal Volume (Vt) (mL)
1478	cpet_REC_TIDAL_MIN	Num	8	(i)CPET: Last available timepoint >2min for tidal volume
1479	cpet_REC_TIDAL	Num	8	(i)CPET: Last available tidal volume measurement post exercise >2min
1480	MAX_WATTS	Num	8	(i)CPET: Maximum Watts achieved
1481	METS_MAX	Num	8	(i)CPET: Maximum METS achieved
1482	cpet_exer_dur	Num	8	(i)CPET: Exercise duration (min)
1483	cpet_position	Num	8	iCPET: Position during iCPET
1484	cpet_rest_svo2	Num	8	iCPET: At Rest: SvO2 (%)
1485	cpet_rest_sao2	Num	8	iCPET: At Rest: SaO2 (%)
1486	cpet_EXER0_MPAP	Num	8	iCPET: Exer. 0 min.: Mean PA Pressure (mPAP)
1487	cpet_EXER0_PCWP	Num	8	iCPET: Exer. 0 min.: Pulmonary Capillary Wedge Pressure (PCWP)
1488	cpet_EXER0_SVO2	Num	8	iCPET: Exer. 0 min.: SvO2 (%)
1489	cpet_EXER0_SAO2	Num	8	iCPET: Exer. 0 min.: SaO2 (%)
1490	cpet_SUB_svo2	Num	8	iCPET: Submaximal (Exer. 2 min.): SvO2 (%)
1491	cpet_SUB_sao2	Num	8	iCPET: Submaximal (Exer. 2 min.): SaO2 (%)
1492	cpet_EXER4_MPAP	Num	8	iCPET: Exer. 4 min.: Mean PA Pressure (mPAP)
1493	cpet_EXER4_PCWP	Num	8	iCPET: Exer. 4 min.: Pulmonary Capillary Wedge Pressure (PCWP)
1494	cpet_EXER4_SVO2	Num	8	iCPET: Exer. 4 min.: SvO2 (%)
1495	cpet_EXER4_SAO2	Num	8	iCPET: Exer. 4 min.: SaO2 (%)
1496	cpet_EXER6_MPAP	Num	8	iCPET: Exer. 6 min.: Mean PA Pressure (mPAP)
1497	cpet_EXER6_PCWP	Num	8	iCPET: Exer. 6 min.: Pulmonary Capillary Wedge Pressure (PCWP)
1498	cpet_EXER6_SVO2	Num	8	iCPET: Exer. 6 min.: SvO2 (%)
1499	cpet_EXER6_SAO2	Num	8	iCPET: Exer. 6 min.: SaO2 (%)
1500	cpet_EXER8_MPAP	Num	8	iCPET: Exer. 8 min.: Mean PA Pressure (mPAP)
1501	cpet_EXER8_PCWP	Num	8	iCPET: Exer. 8 min.: Pulmonary Capillary Wedge Pressure (PCWP)
1502	cpet_EXER8_SVO2	Num	8	iCPET: Exer. 8 min.: SvO2 (%)
1503	cpet_EXER8_SAO2	Num	8	iCPET: Exer. 8 min.: SaO2 (%)
1504	cpet_EXER10_MPAP	Num	8	iCPET: Exer. 10 min.: Mean PA Pressure (mPAP)
1505	cpet_EXER10_PCWP	Num	8	iCPET: Exer. 10 min.: Pulmonary Capillary Wedge Pressure (PCWP)
1506	cpet_EXER10_SVO2	Num	8	iCPET: Exer. 10 min.: SvO2 (%)
1507	cpet_EXER10_SAO2	Num	8	iCPET: Exer. 10 min.: SaO2 (%)
1508	cpet_EXER12_MPAP	Num	8	iCPET: Exer. 12 min.: Mean PA Pressure (mPAP)
1509	cpet_EXER12_PCWP	Num	8	iCPET: Exer. 12 min.: Pulmonary Capillary Wedge Pressure (PCWP)
1510	cpet_REC5_MPAP	Num	8	iCPET: Recovery 5 min.: Mean PA Pressure (mPAP)

Num	Variable	Type	Len	Label
1511	cpet_REC5_PCWP	Num	8	iCPET: Recovery 5 min.: Pulmonary Capillary Wedge Pressure (PCWP)
1512	cpet_rec5_svo2	Num	8	iCPET: Recovery 5 min.: SvO2 (%)
1513	cpet_REC5_SAO2	Num	8	iCPET: Recovery 5 min.: SaO2 (%)
1514	cpet_rest_dfci	Num	8	iCPET: At Rest: Direct Fick Cardiac Index (L/min/m2)
1515	cpet_peak_dfci	Num	8	iCPET: At Peak Exerc.: Direct Fick Cardiac Index (L/min/m2)
1516	cpet_rec_dfci	Num	8	iCPET: At Recovery: Direct Fick Cardiac Index (L/min/m2)
1517	F291_PEAK_TIME_MIN	Num	8	iCPET: Peak Time (min)
1518	F291_PEAK_TIME_SEC	Num	8	iCPET: Peak Time (sec)
1519	cpet_PEAK_svo2	Num	8	iCPET: At Peak Exerc.: SvO2 (%)
1520	cpet_PEAK_sao2	Num	8	iCPET: At Peak Exerc.: SaO2 (%)
1521	cpet_EXER0_RAP	Num	8	iCPET: Exer. 0 min.: RA Pressure (RAP)
1522	cpet_EXER4_RAP	Num	8	iCPET: Exer. 4 min.: RA Pressure (RAP)
1523	cpet_EXER6_RAP	Num	8	iCPET: Exer. 6 min.: RA Pressure (RAP)
1524	cpet_EXER8_RAP	Num	8	iCPET: Exer. 8 min.: RA Pressure (RAP)
1525	cpet_EXER10_RAP	Num	8	iCPET: Exer. 10 min.: RA Pressure (RAP)
1526	cpet_EXER12_RAP	Num	8	iCPET: Exer. 12 min.: RA Pressure (RAP)
1527	cpet_REC5_RAP	Num	8	iCPET: Recovery 5 min.: RA Pressure (RAP)
1528	cpet_EXER0_SPAP	Num	8	iCPET: Exer. 0 min.: Systolic PA Pressure (sPAP)
1529	cpet_EXER0_DPAP	Num	8	iCPET: Exer. 0 min.: Diastolic PA Pressure (dPAP)
1530	cpet_EXER4_SPAP	Num	8	iCPET: Exer. 4 min.: Systolic PA Pressure (sPAP)
1531	cpet_EXER4_DPAP	Num	8	iCPET: Exer. 4 min.: Diastolic PA Pressure (dPAP)
1532	cpet_EXER6_SPAP	Num	8	iCPET: Exer. 6 min.: Systolic PA Pressure (sPAP)
1533	cpet_EXER6_DPAP	Num	8	iCPET: Exer. 6 min.: Diastolic PA Pressure (dPAP)
1534	cpet_EXER8_SPAP	Num	8	iCPET: Exer. 8 min.: Systolic PA Pressure (sPAP)
1535	cpet_EXER8_DPAP	Num	8	iCPET: Exer. 8 min.: Diastolic PA Pressure (dPAP)
1536	cpet_EXER10_SPAP	Num	8	iCPET: Exer. 10 min.: Systolic PA Pressure (sPAP)
1537	cpet_EXER10_DPAP	Num	8	iCPET: Exer. 10 min.: Diastolic PA Pressure (dPAP)
1538	cpet_EXER12_SPAP	Num	8	iCPET: Exer. 12 min.: Systolic PA Pressure (sPAP)
1539	cpet_EXER12_DPAP	Num	8	iCPET: Exer. 12 min.: Diastolic PA Pressure (dPAP)
1540	cpet_REC1_SPAP	Num	8	iCPET: Recovery 1 min.: Systolic PA Pressure (sPAP)
1541	cpet_REC1_DPAP	Num	8	iCPET: Recovery 1 min.: Diastolic PA Pressure (dPAP)
1542	cpet_REC3_SPAP	Num	8	iCPET: Recovery 3 min.: Systolic PA Pressure (sPAP)
1543	cpet_REC3_DPAP	Num	8	iCPET: Recovery 3 min.: Diastolic PA Pressure (dPAP)
1544	cpet_REC4_SPAP	Num	8	iCPET: Recovery 4 min.: Systolic PA Pressure (sPAP)
1545	cpet_REC4_DPAP	Num	8	iCPET: Recovery 4 min.: Diastolic PA Pressure (dPAP)
1546	cpet_REC5_SPAP	Num	8	iCPET: Recovery 5 min.: Systolic PA Pressure (sPAP)
1547	cpet_REC5_DPAP	Num	8	iCPET: Recovery 5 min.: Diastolic PA Pressure (dPAP)
1548	cpet_hgb_meas	Num	8	iCPET: Was hemoglobin measured at peak exercise

Num	Variable	Type	Len	Label
1549	cpet_hgb	Num	8	iCPET: If Hgb measured - result
1550	cpet_hgb_loc	Num	8	iPECT: If Hgb measured – location (1=Peripheral blood, 2=PA blood sample)
1551	F290_PEAK_TIME_MIN	Num	8	PEAK_TIME_MIN
1552	F290_PEAK_TIME_SEC	Num	8	PEAK_TIME_SEC
1553	cpet_REST_DYSP	Num	8	(i)CPET: At Rest: Dyspnea (Borg scale)
1554	cpet_REST_RPE	Num	8	(i)CPET: At Rest: RPE (Borg Scale)
1555	cpet_REST_HR	Num	8	(i)CPET: At Rest: Heart rate (bpm)
1556	cpet_REST_spo2	Num	8	(i)CPET: At Rest: SpO2 (%)
1557	cpet_REST_sbp	Num	8	(i)CPET: At Rest: Systolic BP (mmHg)
1558	cpet_REST_dbp	Num	8	(i)CPET: At Rest: Diastolic BP (mmHg)
1559	cpet_REST_VO2	Num	8	(i)CPET: At Rest: VO2 (ml/kg/min)
1560	cpet_REST_SPAP	Num	8	iCPET: At Rest: Systolic PA Pressure (sPAP)
1561	cpet_REST_DPAP	Num	8	iCPET: At Rest: Diastolic PA Pressure (dPAP)
1562	cpet_REST_MPAP	Num	8	iCPET: At Rest: Mean Pulmonary Artery Pressure (mPAP) (mmHg)
1563	cpet_REST_pcwp	Num	8	iCPET: At Rest: Pulmonary Capillary Wedge (PCW) (mmHg)
1564	cpet_rest_rap	Num	8	iCPET: At Rest: Right Arterial Pressure (RAP) (mmHg)
1565	cpet_exer0_dbp	Num	8	(i)CPET: Exer. 0 min.: Diastolic BP (mmHg)
1566	cpet_EXER0_DYSP	Num	8	(i)CPET: Exer. 0 min.: Dyspnea (Borg scale)
1567	cpet_EXER0_HR	Num	8	(i)CPET: Exer. 0 min.: Heart rate (bpm)
1568	cpet_EXER0_RPE	Num	8	(i)CPET: Exer. 0 min.: RPE (Borg Scale)
1569	cpet_EXER0_SPO2	Num	8	(i)CPET: Exer. 0 min.: SpO2 (%)
1570	cpet_EXER0_SBP	Num	8	(i)CPET: Exer. 0 min.: Systolic BP (mmHg)
1571	cpet_EXER0_VO2	Num	8	(i)CPET: Exer. 0 min.: VO2 (ml/kg/min)
1572	cpet_EXER2_DYSP	Num	8	(i)CPET: Submaximal (Exer. 2 min.): Dyspnea (Borg scale)
1573	cpet_EXER2_RPE	Num	8	(i)CPET: Submaximal (Exer. 2 min.): RPE (Borg Scale)
1574	cpet_EXER2_WR	Num	8	(i)CPET: Submaximal (Exer. 2 min.): Work rate (Watts)
1575	cpet_SUB_HR	Num	8	(i)CPET: Submaximal (Exer. 2 min.): Heart rate (bpm)
1576	cpet_SUB_spo2	Num	8	(i)CPET: Submaximal (Exer. 2 min.): SpO2 (%)
1577	cpet_SUB_sbp	Num	8	(i)CPET: Submaximal (Exer. 2 min.): Systolic BP (mmHg)
1578	cpet_SUB_dbp	Num	8	(i)CPET: Submaximal (Exer. 2 min.): Diastolic BP (mmHg)
1579	cpet_SUB_VO2	Num	8	(i)CPET: Submaximal (Exer. 2 min.): VO2 (ml/kg/min)
1580	cpet_SUB_SPAP	Num	8	iCPET: Submaximal (Exer. 2 min.): Systolic PA Pressure (sPAP)
1581	cpet_SUB_DPAP	Num	8	iCPET: Submaximal (Exer. 2 min.): Diastolic PA Pressure (dPAP)
1582	cpet_SUB_MPAP	Num	8	iCPET: Submaximal (Exer 2 min.): Mean Pulmonary Artery Pressure (mPAP) (mmHg)
1583	cpet_SUB_pcwp	Num	8	iCPET: Submaximal (Exer. 2 min.): Pulmonary Capillary Wedge Pressure (PCWP)

Num	Variable	Type	Len	Label
1584	cpet_SUB_rap	Num	8	iCPET: Submaximal (Exer. 2 min.): Right Arterial Pressure (RAP) (mmHg) Submaximal (2 min)
1585	cpet_EXER4_dbp	Num	8	(i)CPET: Exer. 4 min.: Diastolic BP (mmHg)
1586	cpet_EXER4_DYSP	Num	8	(i)CPET: Exer. 4 min.: Dyspnea (Borg scale)
1587	cpet_EXER4_HR	Num	8	(i)CPET: Exer. 4 min.: Heart rate (bpm)
1588	cpet_EXER4_RPE	Num	8	(i)CPET: Exer. 4 min.: RPE (Borg Scale)
1589	cpet_EXER4_SPO2	Num	8	(i)CPET: Exer. 4 min.: SpO2 (%)
1590	cpet_EXER4_SBP	Num	8	(i)CPET: Exer. 4 min.: Systolic BP (mmHg)
1591	cpet_EXER4_VO2	Num	8	(i)CPET: Exer. 4 min.: VO2 (ml/kg/min)
1592	cpet_EXER4_WR	Num	8	(i)CPET: Exer. 4 min.: Work rate (Watts)
1593	cpet_EXER6_dbp	Num	8	(i)CPET: Exer. 6 min.: Diastolic BP (mmHg)
1594	cpet_EXER6_DYSP	Num	8	(i)CPET: Exer. 6 min.: Dyspnea (Borg scale)
1595	cpet_EXER6_HR	Num	8	(i)CPET: Exer. 6 min.: Heart rate (bpm)
1596	cpet_EXER6_RPE	Num	8	(i)CPET: Exer. 6 min.: RPE (Borg Scale)
1597	cpet_EXER6_SPO2	Num	8	(i)CPET: Exer. 6 min.: SpO2 (%)
1598	cpet_EXER6_SBP	Num	8	(i)CPET: Exer. 6 min.: Systolic BP (mmHg)
1599	cpet_EXER6_VO2	Num	8	(i)CPET: Exer. 6 min.: VO2 (ml/kg/min)
1600	cpet_EXER6_WR	Num	8	(i)CPET: Exer. 6 min.: Work rate (Watts)
1601	cpet_EXER8_dbp	Num	8	(i)CPET: Exer. 8 min.: Diastolic BP (mmHg)
1602	cpet_EXER8_DYSP	Num	8	(i)CPET: Exer. 8 min.: Dyspnea (Borg scale)
1603	cpet_EXER8_HR	Num	8	(i)CPET: Exer. 8 min.: Heart rate (bpm)
1604	cpet_EXER8_RPE	Num	8	(i)CPET: Exer. 8 min.: RPE (Borg Scale)
1605	cpet_EXER8_SPO2	Num	8	(i)CPET: Exer. 8 min.: SpO2 (%)
1606	cpet_EXER8_SBP	Num	8	(i)CPET: Exer. 8 min.: Systolic BP (mmHg)
1607	cpet_EXER8_VO2	Num	8	(i)CPET: Exer. 8 min.: VO2 (ml/kg/min)
1608	cpet_EXER8_WR	Num	8	(i)CPET: Exer. 8 min.: Work rate (Watts)
1609	cpet_EXER10_dbp	Num	8	(i)CPET: Exer. 10 min.: Diastolic BP (mmHg)
1610	cpet_EXER10_DYSP	Num	8	(i)CPET: Exer. 10 min.: Dyspnea (Borg scale)
1611	cpet_EXER10_HR	Num	8	(i)CPET: Exer. 10 min.: Heart rate (bpm)
1612	cpet_EXER10_RPE	Num	8	(i)CPET: Exer. 10 min.: RPE (Borg Scale)
1613	cpet_EXER10_SPO2	Num	8	(i)CPET: Exer. 10 min.: SpO2 (%)
1614	cpet_EXER10_SBP	Num	8	(i)CPET: Exer. 10 min.: Systolic BP (mmHg)
1615	cpet_EXER10_VO2	Num	8	(i)CPET: Exer. 10 min.: VO2 (ml/kg/min)
1616	cpet_EXER10_WR	Num	8	(i)CPET: Exer. 10 min.: Work rate (Watts)
1617	cpet_EXER12_dbp	Num	8	(i)CPET: Exer. 12 min.: Diastolic BP (mmHg)
1618	cpet_EXER12_DYSP	Num	8	(i)CPET: Exer. 12 min.: Dyspnea (Borg scale)
1619	cpet_EXER12_HR	Num	8	(i)CPET: Exer. 12 min.: Heart rate (bpm)
1620	cpet_EXER12_RPE	Num	8	(i)CPET: Exer. 12 min.: RPE (Borg Scale)
1621	cpet_EXER12_SPO2	Num	8	(i)CPET: Exer. 12 min.: SpO2 (%)

Num	Variable	Type	Len	Label
1622	cpet_EXER12_SBP	Num	8	(i)CPET: Exer. 12 min.: Systolic BP (mmHg)
1623	cpet_EXER12_VO2	Num	8	(i)CPET: Exer. 12 min.: VO2 (ml/kg/min)
1624	cpet_EXER12_WR	Num	8	(i)CPET: Exer. 12 min.: Work rate (Watts)
1625	cpet_REC1_dbp	Num	8	(i)CPET: Recovery 1 min.: Diastolic BP (mmHg)
1626	cpet_REC1_DYSP	Num	8	(i)CPET: Recovery 1 min.: Dyspnea (Borg scale)
1627	cpet_REC1_HR	Num	8	(i)CPET: Recovery 1 min.: Heart rate (bpm)
1628	cpet_REC1_RPE	Num	8	(i)CPET: Recovery 1 min.: RPE (Borg Scale)
1629	cpet_REC1_SPO2	Num	8	(i)CPET: Recovery 1 min.: SpO2 (%)
1630	cpet_REC1_SBP	Num	8	(i)CPET: Recovery 1 min.: Systolic BP (mmHg)
1631	cpet_REC1_VO2	Num	8	(i)CPET: Recovery 1 min.: VO2 (ml/kg/min)
1632	cpet_REC2_DYSP	Num	8	(i)CPET: Recovery 2 min.: Dyspnea (Borg scale)
1633	cpet_REC2_RPE	Num	8	(i)CPET: Recovery 2 min.: RPE (Borg Scale)
1634	cpet_REC2_HR	Num	8	(i)CPET: Recovery 2 min.: Heart rate (bpm)
1635	cpet_REC2_spo2	Num	8	(i)CPET: Recovery 2 min.: SpO2 (%)
1636	cpet_REC2_sbp	Num	8	(i)CPET: Recovery 2 min.: Systolic BP (mmHg)
1637	cpet_REC2_dbp	Num	8	(i)CPET: Recovery 2 min.: Diastolic BP (mmHg)
1638	cpet_REC2_VO2	Num	8	(i)CPET: Recovery 2 min.: VO2 (ml/kg/min)
1639	cpet_REC2_SPAP	Num	8	iCPET: Recovery 2 min.: Systolic PA Pressure (sPAP)
1640	cpet_REC2_DPAP	Num	8	iCPET: Recovery 2 min.: Diastolic PA Pressure (dPAP)
1641	cpet_REC2_MPAP	Num	8	iCPET: Recovery 2 min.: Mean PA Pressure (mPAP)
1642	cpet_REC2_pcwp	Num	8	iCPET: Recovery 2 min.: Pulmonary Capillary Wedge Pressure (PCWP)
1643	cpet_REC2_rap	Num	8	iCPET: Recovery 2 min.: RA Pressure (RAP)
1644	cpet_REC3_dbp	Num	8	(i)CPET: Recovery 3 min.: Diastolic BP (mmHg)
1645	cpet_REC3_DYSP	Num	8	(i)CPET: Recovery 3 min.: Dyspnea (Borg scale)
1646	cpet_REC3_HR	Num	8	(i)CPET: Recovery 3 min.: Heart rate (bpm)
1647	cpet_REC3_RPE	Num	8	(i)CPET: Recovery 3 min.: RPE (Borg Scale)
1648	cpet_REC3_SPO2	Num	8	(i)CPET: Recovery 3 min.: SpO2 (%)
1649	cpet_REC3_SBP	Num	8	(i)CPET: Recovery 3 min.: Systolic BP (mmHg)
1650	cpet_REC3_VO2	Num	8	(i)CPET: Recovery 3 min.: VO2 (ml/kg/min)
1651	cpet_REC4_dbp	Num	8	(i)CPET: Recovery 4 min.: Diastolic BP (mmHg)
1652	cpet_REC4_DYSP	Num	8	(i)CPET: Recovery 4 min.: Dyspnea (Borg scale)
1653	cpet_REC4_HR	Num	8	(i)CPET: Recovery 4 min.: Heart rate (bpm)
1654	cpet_REC4_RPE	Num	8	(i)CPET: Recovery 4 min.: RPE (Borg Scale)
1655	cpet_REC4_SPO2	Num	8	(i)CPET: Recovery 4 min.: SpO2 (%)
1656	cpet_REC4_SBP	Num	8	(i)CPET: Recovery 4 min.: Systolic BP (mmHg)
1657	cpet_REC4_VO2	Num	8	(i)CPET: Recovery 4 min.: VO2 (ml/kg/min)
1658	cpet_REC5_dbp	Num	8	(i)CPET: Recovery 5 min.: Diastolic BP (mmHg)
1659	cpet_REC5_DYSP	Num	8	(i)CPET: Recovery 5 min.: Dyspnea (Borg scale)

Num	Variable	Type	Len	Label
1660	cpet_REC5_HR	Num	8	(i)CPET: Recovery 5 min.: Heart rate (bpm)
1661	cpet_REC5_RPE	Num	8	(i)CPET: Recovery 5 min.: RPE (Borg Scale)
1662	cpet_REC5_SPO2	Num	8	(i)CPET: Recovery 5 min.: SpO2 (%)
1663	cpet_REC5_SBP	Num	8	(i)CPET: Recovery 5 min.: Systolic BP (mmHg)
1664	cpet_REC5_VO2	Num	8	(i)CPET: Recovery 5 min.: VO2 (ml/kg/min)
1665	cpet_PEAK_DYSP	Num	8	(i)CPET: At Peak Exerc.: Dyspnea (Borg Scale)
1666	cpet_PEAK_RPE	Num	8	(i)CPET: At Peak Exerc.: RPE (Borg Scale)
1667	cpet_PEAK_WR	Num	8	(i)CPET: At Peak Exerc.: Work Rate (Watts)
1668	cpet_PEAK_HR	Num	8	(i)CPET: At Peak Exerc.: Heart rate (bpm)
1669	cpet_PEAK_spo2	Num	8	(i)CPET: At Peak Exerc.: SpO2 (%)
1670	cpet_PEAK_sbp	Num	8	(i)CPET: At Peak Exerc.: Systolic BP (mmHg)
1671	cpet_PEAK_dbp	Num	8	(i)CPET: At Peak Exerc.: Diastolic BP (mmHg)
1672	cpet_PEAK_VO2	Num	8	(i)CPET: At Peak Exerc.: VO2 (ml/kg/min)
1673	cpet_PEAK_SPAP	Num	8	iCPET: At Peak Exerc.: Systolic PA Pressure (sPAP) (mmHg)
1674	cpet_PEAK_DPAP	Num	8	iCPET: At Peak Exerc.: Diastolic PA Pressure (dPAP) (mmHg)
1675	cpet_PEAK_MPAP	Num	8	iCPET: At Peak Exerc.: Mean Pulmonary Artery Pressure (mPAP) (mmHg)
1676	cpet_PEAK_pcwp	Num	8	iCPET: At Peak Exerc.: Pulmonary Capillary Wedge (PCW) (mmHg)
1677	cpet_PEAK_rap	Num	8	iCPET: At Peak Exerc.: Right Arterial Pressure (RAP) (mmHg)
1678	cpet_exer_term	Num	8	(i)CPET Terminated: Primary reason for exercise termination
1679	cpet_symptoms	Num	8	(i)CPET Terminated: Symptoms at end of exercise
1680	cpet_symp_chest	Num	8	(i)CPET Terminated: Chest pain
1681	cpet_SYMP_DIZ	Num	8	(i)CPET Terminated: Dizziness
1682	cpet_SYMP_DYSP	Num	8	(i)CPET Terminated: Dyspnea
1683	cpet_SYMP_SYNC	Num	8	(i)CPET Terminated: Near syncope
1684	cpet_SYMP_CLAUD	Num	8	(i)CPET Terminated: Lower extremity claudication (cramping)
1685	cpet_SYMP_PAIN	Num	8	Lower extremity joint/leg pain
1686	cpet_SYMP_OTH_MSPAIN	Num	8	(i)CPET Terminated: Other musculoskeletal pain (e.g., back or hip pain)
1687	cpet_bp_type	Num	8	(i)CPET: How was blood pressure measured during CPET?
1688	cpet_OXYGEN	Num	8	(i)CPET: Is participant using O2 at the time of CPET?
1689	cpet_EXER_8HR	Num	8	iCPET: Did participant exercise in teh last 8 hrs?
1690	cpet_OXYGEN_FLOW	Num	8	(i)CPET: What O2 is used during CPET (L/min)?
1691	cpet_RAMP_PROT	Num	8	(i)CPET: Ramp protocol used
1692	cpet_rec_dfco	Num	8	iCPET: Direct Fick Cardiac Output (L/min) at Recovery
1693	cpet_rest_dfco	Num	8	iCPET: At Rest: Direct Fick Cardiac Output (L/min)
1694	cpet_peak_dfco	Num	8	iCPET: At Peak Exerc.: Direct Fick Cardiac Output (L/min)
1695	cpet_peak_vo2hr	Num	8	(i)CPET: Peak exercise: Oxygen pulse (ml/beat)

Num	Variable	Type	Len	Label
1696	cpet_peak_o2pulse	Num	8	(i)CPET: At Peak Exerc.: O2 Pulse (abs VO2 (ml/min) / HR (bpm))
1697	vo2_pred	Num	8	(i)CPET: Predicted VO2 Max (ml/min)
1698	maxwatts_pred	Num	8	(i)CPET Predicted Max Watts
1699	vo2_pp	Num	8	(i)CPET: % predicted VO2 Max (%)
1700	watts_pp	Num	8	(i)CPET % Predicted Max Watts
1701	cpet_rest_ve_vco2	Num	8	(i)CPET: At Rest: Ve/VCO2
1702	cpet_sub_ve_vco2	Num	8	(i)CPET: Submaximal (Exer. 2 min.): Ve/VCO2
1703	cpet_peak_ve_vco2	Num	8	(i)CPET: At Peak Exerc.: Ve/VCO2
1704	cpet_rec2_ve_vco2	Num	8	(i)CPET: Recovery 2 min.: Ve/VCO2
1705	cpet_rec_ve_vco2	Num	8	(i)CPET: Recovery (last avail. > 2min.): Ve/VCO2
1706	icpet_peak_pvr	Num	8	PVR (iCPET)(Wood units) at peak exercise
1707	icpet_peak_pa_comp	Num	8	PA Compliance (dV/dP) at peak exercise
1708	tim_enr_cpet	Num	8	Days from Enrollment to CPET
1709	tim_diag_cpet	Num	8	For PH: Days from PH Diagnosis to CPET

Data Set Name: *pvd_biolincc_mortalitydset_arch.sas7bdat*

Num	Variable	Type	Len	Label
1	pidd	Char	6	Alternative IDs
2	death	Num	8	Deceased
3	tx_stat_excl	Num	8	Received H/L transplant
4	age_dth	Num	8	Age at death (years)
5	age_tx	Num	8	Age at H/L transplant (years)
6	dthtx	Num	8	Death or H/L Transplant
7	t_survenrdth	Num	8	Months from enrollment to death or last follow-up
8	t_enrtxdth	Num	8	Months from enrollment to 'H/L transplant or death' or last follow-up
9	t_survdgndth	Num	8	PH only: Months from diagnosis to death or last follow up
10	t_dgntxdth	Num	8	PH only: Months from diagnosis to earlier of 'H/L transplant or death' or last follow-up

Data Set Name: pvd_bn_metabolites.sas7bdat

Num	Variable	Type	Len	Label
1	sid	Char	10	Unique sample id
2	pidd	Char	6	Alternative IDs
3	sample_location	Char	17	Blood draw location of sample
4	time_point	Char	13	Time when blood draw was taken (at baseline, at peak exercise, at post exercise)
5	A63151	Num	8	A63151
6	A1585	Num	8	A1585
7	A33942	Num	8	A33942
8	A22185	Num	8	A22185
9	A52340	Num	8	A52340
10	A1126	Num	8	A1126
11	A512	Num	8	A512
12	A443	Num	8	A443
13	A62060	Num	8	A62060
14	A27718	Num	8	A27718
15	A513	Num	8	A513
16	A43802	Num	8	A43802
17	A46225	Num	8	A46225
18	A31675	Num	8	A31675
19	A40499	Num	8	A40499
20	A35665	Num	8	A35665
21	A15720	Num	8	A15720
22	A33943	Num	8	A33943
23	A42370	Num	8	A42370
24	A62101	Num	8	A62101
25	A54923	Num	8	A54923
26	A40007	Num	8	A40007
27	A22158	Num	8	A22158
28	A57	Num	8	A57
29	A33487	Num	8	A33487
30	A53	Num	8	A53
31	A42374	Num	8	A42374
32	A52281	Num	8	A52281
33	A1494	Num	8	A1494
34	A18368	Num	8	A18368
35	A35159	Num	8	A35159
36	A35637	Num	8	A35637

Num	Variable	Type	Len	Label
37	A62103	Num	8	A62103
38	A38783	Num	8	A38783
39	A27710	Num	8	A27710
40	A37076	Num	8	A37076
41	A33939	Num	8	A33939
42	A31539	Num	8	A31539
43	A3141	Num	8	A3141
44	A5086	Num	8	A5086
45	A58	Num	8	A58
46	A1516	Num	8	A1516
47	A1648	Num	8	A1648
48	A1284	Num	8	A1284
49	A48114	Num	8	A48114
50	A15681	Num	8	A15681
51	A32446	Num	8	A32446
52	A64567	Num	8	A64567
53	A32350	Num	8	A32350
54	A62946	Num	8	A62946
55	A64596	Num	8	A64596
56	A30460	Num	8	A30460
57	A61868	Num	8	A61868
58	A15677	Num	8	A15677
59	A32349	Num	8	A32349
60	A43255	Num	8	A43255
61	A43256	Num	8	A43256
62	A43488	Num	8	A43488
63	A33946	Num	8	A33946
64	A15747	Num	8	A15747
65	A43493	Num	8	A43493
66	A59	Num	8	A59
67	A40473	Num	8	A40473
68	A15716	Num	8	A15716
69	A40730	Num	8	A40730
70	A607	Num	8	A607
71	A62558	Num	8	A62558
72	A62559	Num	8	A62559
73	A62562	Num	8	A62562
74	A57547	Num	8	A57547
75	A36746	Num	8	A36746

Num	Variable	Type	Len	Label
76	A63120	Num	8	A63120
77	A45095	Num	8	A45095
78	A32397	Num	8	A32397
79	A1549	Num	8	A1549
80	A44526	Num	8	A44526
81	A15676	Num	8	A15676
82	A31940	Num	8	A31940
83	A57747	Num	8	A57747
84	A46548	Num	8	A46548
85	A22116	Num	8	A22116
86	A33967	Num	8	A33967
87	A1587	Num	8	A1587
88	A1591	Num	8	A1591
89	A62852	Num	8	A62852
90	A22132	Num	8	A22132
91	A33937	Num	8	A33937
92	A12129	Num	8	A12129
93	A35433	Num	8	A35433
94	A15765	Num	8	A15765
95	A33441	Num	8	A33441
96	A35437	Num	8	A35437
97	A1125	Num	8	A1125
98	A44656	Num	8	A44656
99	A34407	Num	8	A34407
100	A35107	Num	8	A35107
101	A60	Num	8	A60
102	A15745	Num	8	A15745
103	A53031	Num	8	A53031
104	A35428	Num	8	A35428
105	A1649	Num	8	A1649
106	A6146	Num	8	A6146
107	A15685	Num	8	A15685
108	A43231	Num	8	A43231
109	A57687	Num	8	A57687
110	A62819	Num	8	A62819
111	A63254	Num	8	A63254
112	A62954	Num	8	A62954
113	A36751	Num	8	A36751
114	A1498	Num	8	A1498

Num	Variable	Type	Len	Label
115	A62862	Num	8	A62862
116	A36752	Num	8	A36752
117	A62860	Num	8	A62860
118	A46227	Num	8	A46227
119	A44664	Num	8	A44664
120	A62959	Num	8	A62959
121	A1301	Num	8	A1301
122	A1444	Num	8	A1444
123	A62805	Num	8	A62805
124	A63739	Num	8	A63739
125	A62100	Num	8	A62100
126	A1589	Num	8	A1589
127	A48187	Num	8	A48187
128	A2829	Num	8	A2829
129	A42989	Num	8	A42989
130	A42382	Num	8	A42382
131	A39592	Num	8	A39592
132	A43378	Num	8	A43378
133	A38127	Num	8	A38127
134	A4968	Num	8	A4968
135	A15705	Num	8	A15705
136	A1868	Num	8	A1868
137	A22176	Num	8	A22176
138	A37443	Num	8	A37443
139	A56	Num	8	A56
140	A590	Num	8	A590
141	A42002	Num	8	A42002
142	A1302	Num	8	A1302
143	A44878	Num	8	A44878
144	A18374	Num	8	A18374
145	A63678	Num	8	A63678
146	A2125	Num	8	A2125
147	A62566	Num	8	A62566
148	A1432	Num	8	A1432
149	A541	Num	8	A541
150	A33950	Num	8	A33950
151	A57745	Num	8	A57745
152	A64	Num	8	A64
153	A22130	Num	8	A22130

Num	Variable	Type	Len	Label
154	A566	Num	8	A566
155	A57814	Num	8	A57814
156	A1558	Num	8	A1558
157	A1419	Num	8	A1419
158	A62309	Num	8	A62309
159	A37496	Num	8	A37496
160	A43258	Num	8	A43258
161	A485	Num	8	A485
162	A603	Num	8	A603
163	A27672	Num	8	A27672
164	A63253	Num	8	A63253
165	A52914	Num	8	A52914
166	A62503	Num	8	A62503
167	A62955	Num	8	A62955
168	A48782	Num	8	A48782
169	A48757	Num	8	A48757
170	A33959	Num	8	A33959
171	A43549	Num	8	A43549
172	A57746	Num	8	A57746
173	A38116	Num	8	A38116
174	A27513	Num	8	A27513
175	A62279	Num	8	A62279
176	A42087	Num	8	A42087
177	A34402	Num	8	A34402
178	A18349	Num	8	A18349
179	A32405	Num	8	A32405
180	A1417	Num	8	A1417
181	A15140	Num	8	A15140
182	A64568	Num	8	A64568
183	A1512	Num	8	A1512
184	A2342	Num	8	A2342
185	A54	Num	8	A54
186	A37097	Num	8	A37097
187	A15679	Num	8	A15679
188	A62564	Num	8	A62564
189	A32197	Num	8	A32197
190	A44618	Num	8	A44618
191	A12017	Num	8	A12017
192	A52932	Num	8	A52932

Num	Variable	Type	Len	Label
193	A1669	Num	8	A1669
194	A48457	Num	8	A48457
195	A32390	Num	8	A32390
196	A48433	Num	8	A48433
197	A53243	Num	8	A53243
198	A48407	Num	8	A48407
199	A48406	Num	8	A48406
200	A18280	Num	8	A18280
201	A1101	Num	8	A1101
202	A48841	Num	8	A48841
203	A52747	Num	8	A52747
204	A32553	Num	8	A32553
205	A2761	Num	8	A2761
206	A48408	Num	8	A48408
207	A1299	Num	8	A1299
208	A54910	Num	8	A54910
209	A48733	Num	8	A48733
210	A1567	Num	8	A1567
211	A55072	Num	8	A55072
212	A62853	Num	8	A62853
213	A62947	Num	8	A62947
214	A33953	Num	8	A33953
215	A48434	Num	8	A48434
216	A62707	Num	8	A62707
217	A43249	Num	8	A43249
218	A62068	Num	8	A62068
219	A37431	Num	8	A37431
220	A43591	Num	8	A43591
221	A57461	Num	8	A57461
222	A1638	Num	8	A1638
223	A2132	Num	8	A2132
224	A36808	Num	8	A36808
225	A62783	Num	8	A62783
226	A22137	Num	8	A22137
227	A22138	Num	8	A22138
228	A1493	Num	8	A1493
229	A35127	Num	8	A35127
230	A1898	Num	8	A1898
231	A32306	Num	8	A32306

Num	Variable	Type	Len	Label
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233	A46539	Num	8	A46539
234	A48149	Num	8	A48149
235	A32377	Num	8	A32377
236	A42420	Num	8	A42420
237	A15443	Num	8	A15443
238	A567	Num	8	A567
239	A1519	Num	8	A1519
240	A48195	Num	8	A48195
241	A27719	Num	8	A27719
242	A46142	Num	8	A46142
243	A48153	Num	8	A48153
244	A15586	Num	8	A15586
245	A44688	Num	8	A44688
246	A20675	Num	8	A20675
247	A1414	Num	8	A1414
248	A48152	Num	8	A48152
249	A1572	Num	8	A1572
250	A527	Num	8	A527
251	A22250	Num	8	A22250
252	A575	Num	8	A575
253	A48885	Num	8	A48885
254	A48255	Num	8	A48255
255	A61858	Num	8	A61858
256	A15772	Num	8	A15772
257	A27731	Num	8	A27731
258	A15581	Num	8	A15581
259	A63990	Num	8	A63990
260	A63590	Num	8	A63590
261	A63687	Num	8	A63687
262	A46957	Num	8	A46957
263	A20694	Num	8	A20694
264	A27738	Num	8	A27738
265	A32426	Num	8	A32426
266	A40173	Num	8	A40173
267	A32586	Num	8	A32586
268	A47886	Num	8	A47886
269	A43807	Num	8	A43807
270	A2137	Num	8	A2137

Num	Variable	Type	Len	Label
271	A41754	Num	8	A41754
272	A27665	Num	8	A27665
273	A40469	Num	8	A40469
274	A594	Num	8	A594
275	A33013	Num	8	A33013
276	A1899	Num	8	A1899
277	A32401	Num	8	A32401
278	A63061	Num	8	A63061
279	A1508	Num	8	A1508
280	A47666	Num	8	A47666
281	A1561	Num	8	A1561
282	A62287	Num	8	A62287
283	A62286	Num	8	A62286
284	A33418	Num	8	A33418
285	A44876	Num	8	A44876
286	A42381	Num	8	A42381
287	A52473	Num	8	A52473
288	A57591	Num	8	A57591
289	A57635	Num	8	A57635
290	A57636	Num	8	A57636
291	A57637	Num	8	A57637
292	A40807	Num	8	A40807
293	A1806	Num	8	A1806
294	A1651	Num	8	A1651
295	A31555	Num	8	A31555
296	A42109	Num	8	A42109
297	A52282	Num	8	A52282
298	A46173	Num	8	A46173
299	A528	Num	8	A528
300	A47076	Num	8	A47076
301	A1564	Num	8	A1564
302	A1643	Num	8	A1643
303	A1303	Num	8	A1303
304	A1437	Num	8	A1437
305	A37058	Num	8	A37058
306	A63251	Num	8	A63251
307	A64418	Num	8	A64418
308	A38168	Num	8	A38168
309	A37184	Num	8	A37184

Num	Variable	Type	Len	Label
310	A37186	Num	8	A37186
311	A37185	Num	8	A37185
312	A37187	Num	8	A37187
313	A37190	Num	8	A37190
314	A32827	Num	8	A32827
315	A37207	Num	8	A37207
316	A37209	Num	8	A37209
317	A37202	Num	8	A37202
318	A37203	Num	8	A37203
319	A37211	Num	8	A37211
320	A37210	Num	8	A37210
321	A61846	Num	8	A61846
322	A31591	Num	8	A31591
323	A32425	Num	8	A32425
324	A33973	Num	8	A33973
325	A47112	Num	8	A47112
326	A15500	Num	8	A15500
327	A36747	Num	8	A36747
328	A1712	Num	8	A1712
329	A1769	Num	8	A1769
330	A57699	Num	8	A57699
331	A64411	Num	8	A64411
332	A62793	Num	8	A62793
333	A57664	Num	8	A57664
334	A39732	Num	8	A39732
335	A39730	Num	8	A39730
336	A52608	Num	8	A52608
337	A38102	Num	8	A38102
338	A38165	Num	8	A38165
339	A38625	Num	8	A38625
340	A52988	Num	8	A52988
341	A61867	Num	8	A61867
342	A61865	Num	8	A61865
343	A53224	Num	8	A53224
344	A52990	Num	8	A52990
345	A43264	Num	8	A43264
346	A52984	Num	8	A52984
347	A63358	Num	8	A63358
348	A62557	Num	8	A62557

Num	Variable	Type	Len	Label
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350	A64394	Num	8	A64394
351	A61840	Num	8	A61840
352	A57513	Num	8	A57513
353	A57514	Num	8	A57514
354	A57516	Num	8	A57516
355	A57515	Num	8	A57515
356	A57512	Num	8	A57512
357	A33952	Num	8	A33952
358	A44681	Num	8	A44681
359	A34409	Num	8	A34409
360	A64389	Num	8	A64389
361	A33941	Num	8	A33941
362	A32328	Num	8	A32328
363	A34534	Num	8	A34534
364	A61775	Num	8	A61775
365	A33936	Num	8	A33936
366	A63361	Num	8	A63361
367	A61769	Num	8	A61769
368	A38178	Num	8	A38178
369	A57519	Num	8	A57519
370	A48182	Num	8	A48182
371	A57531	Num	8	A57531
372	A35160	Num	8	A35160
373	A53223	Num	8	A53223
374	A52929	Num	8	A52929
375	A63613	Num	8	A63613
376	A57517	Num	8	A57517
377	A57518	Num	8	A57518
378	A57521	Num	8	A57521
379	A57520	Num	8	A57520
380	A57523	Num	8	A57523
381	A57511	Num	8	A57511
382	A46223	Num	8	A46223
383	A32198	Num	8	A32198
384	A53261	Num	8	A53261
385	A53262	Num	8	A53262
386	A53263	Num	8	A53263
387	A53258	Num	8	A53258

Num	Variable	Type	Len	Label
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389	A53260	Num	8	A53260
390	A53257	Num	8	A53257
391	A52944	Num	8	A52944
392	A57464	Num	8	A57464
393	A62735	Num	8	A62735
394	A54907	Num	8	A54907
395	A61785	Num	8	A61785
396	A62064	Num	8	A62064
397	A32462	Num	8	A32462
398	A42092	Num	8	A42092
399	A64386	Num	8	A64386
400	A35436	Num	8	A35436
401	A63057	Num	8	A63057
402	A61798	Num	8	A61798
403	A35482	Num	8	A35482
404	A32412	Num	8	A32412
405	A31850	Num	8	A31850
406	A32452	Num	8	A32452
407	A31932	Num	8	A31932
408	A37059	Num	8	A37059
409	A43761	Num	8	A43761
410	A43343	Num	8	A43343
411	A62059	Num	8	A62059
412	A38768	Num	8	A38768
413	A38296	Num	8	A38296
414	A64390	Num	8	A64390
415	A38271	Num	8	A38271
416	A37253	Num	8	A37253
417	A63357	Num	8	A63357
418	A61871	Num	8	A61871
419	A31787	Num	8	A31787
420	A62069	Num	8	A62069
421	A62915	Num	8	A62915
422	A36749	Num	8	A36749
423	A40062	Num	8	A40062
424	A18362	Num	8	A18362
425	A63191	Num	8	A63191
426	A63685	Num	8	A63685

Num	Variable	Type	Len	Label
427	A39837	Num	8	A39837
428	A62276	Num	8	A62276
429	A32388	Num	8	A32388
430	A61864	Num	8	A61864
431	A39831	Num	8	A39831
432	A62923	Num	8	A62923
433	A396	Num	8	A396
434	A61866	Num	8	A61866
435	A35678	Num	8	A35678
436	A61862	Num	8	A61862
437	A62277	Num	8	A62277
438	A20676	Num	8	A20676
439	A61860	Num	8	A61860
440	A36754	Num	8	A36754
441	A61861	Num	8	A61861
442	A32398	Num	8	A32398
443	A15730	Num	8	A15730
444	A62918	Num	8	A62918
445	A35669	Num	8	A35669
446	A62919	Num	8	A62919
447	A38395	Num	8	A38395
448	A63109	Num	8	A63109
449	A62950	Num	8	A62950
450	A62952	Num	8	A62952
451	A38399	Num	8	A38399
452	A37752	Num	8	A37752
453	A39609	Num	8	A39609
454	A61700	Num	8	A61700
455	A42489	Num	8	A42489
456	A52916	Num	8	A52916
457	A61698	Num	8	A61698
458	A22036	Num	8	A22036
459	A35675	Num	8	A35675
460	A17945	Num	8	A17945
461	A22053	Num	8	A22053
462	A53230	Num	8	A53230
463	A32457	Num	8	A32457
464	A21158	Num	8	A21158
465	A22001	Num	8	A22001

Num	Variable	Type	Len	Label
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467	A52938	Num	8	A52938
468	A31938	Num	8	A31938
469	A47120	Num	8	A47120
470	A37073	Num	8	A37073
471	A15122	Num	8	A15122
472	A43847	Num	8	A43847
473	A37112	Num	8	A37112
474	A1124	Num	8	A1124
475	A542	Num	8	A542
476	A33963	Num	8	A33963
477	A33587	Num	8	A33587
478	A1552	Num	8	A1552
479	A33971	Num	8	A33971
480	A32418	Num	8	A32418
481	A33972	Num	8	A33972
482	A52285	Num	8	A52285
483	A33447	Num	8	A33447
484	A32980	Num	8	A32980
485	A1110	Num	8	A1110
486	A17805	Num	8	A17805
487	A35718	Num	8	A35718
488	A32415	Num	8	A32415
489	A44675	Num	8	A44675
490	A32504	Num	8	A32504
491	A37478	Num	8	A37478
492	A32417	Num	8	A32417
493	A57467	Num	8	A57467
494	A18467	Num	8	A18467
495	A57658	Num	8	A57658
496	A57652	Num	8	A57652
497	A1105	Num	8	A1105
498	A34035	Num	8	A34035
499	A57810	Num	8	A57810
500	A33969	Num	8	A33969
501	A62850	Num	8	A62850
502	A1118	Num	8	A1118
503	A1121	Num	8	A1121
504	A1365	Num	8	A1365

Num	Variable	Type	Len	Label
505	A1356	Num	8	A1356
506	A1336	Num	8	A1336
507	A1361	Num	8	A1361
508	A1358	Num	8	A1358
509	A54885	Num	8	A54885
510	A45970	Num	8	A45970
511	A34437	Num	8	A34437
512	A45966	Num	8	A45966
513	A63436	Num	8	A63436
514	A32497	Num	8	A32497
515	A33968	Num	8	A33968
516	A1642	Num	8	A1642
517	A32489	Num	8	A32489
518	A32492	Num	8	A32492
519	A62873	Num	8	A62873
520	A1644	Num	8	A1644
521	A1645	Num	8	A1645
522	A12035	Num	8	A12035
523	A531	Num	8	A531
524	A52235	Num	8	A52235
525	A52696	Num	8	A52696
526	A19265	Num	8	A19265
527	A15506	Num	8	A15506
528	A34396	Num	8	A34396
529	A37455	Num	8	A37455
530	A15990	Num	8	A15990
531	A1600	Num	8	A1600
532	A40406	Num	8	A40406
533	A47403	Num	8	A47403
534	A46115	Num	8	A46115
535	A32562	Num	8	A32562
536	A32619	Num	8	A32619
537	A62921	Num	8	A62921
538	A62922	Num	8	A62922
539	A38170	Num	8	A38170
540	A1563	Num	8	A1563
541	A63607	Num	8	A63607
542	A22842	Num	8	A22842
543	A62571	Num	8	A62571

Num	Variable	Type	Len	Label
544	A62066	Num	8	A62066
545	A32346	Num	8	A32346
546	A52974	Num	8	A52974
547	A52983	Num	8	A52983
548	A18476	Num	8	A18476
549	A52977	Num	8	A52977
550	A33983	Num	8	A33983
551	A18494	Num	8	A18494
552	A18497	Num	8	A18497
553	A37198	Num	8	A37198
554	A37200	Num	8	A37200
555	A37196	Num	8	A37196
556	A46172	Num	8	A46172
557	A40708	Num	8	A40708
558	A48394	Num	8	A48394
559	A1114	Num	8	A1114
560	A63688	Num	8	A63688
561	A63610	Num	8	A63610
562	A32599	Num	8	A32599
563	A18477	Num	8	A18477
564	A52975	Num	8	A52975
565	A42574	Num	8	A42574
566	A31912	Num	8	A31912
567	A32620	Num	8	A32620
568	A39379	Num	8	A39379
569	A63731	Num	8	A63731
570	A34093	Num	8	A34093
571	A57577	Num	8	A57577
572	A63602	Num	8	A63602
573	A62526	Num	8	A62526
574	A62527	Num	8	A62527
575	A62890	Num	8	A62890
576	A32807	Num	8	A32807
577	A12261	Num	8	A12261
578	A62889	Num	8	A62889
579	A42603	Num	8	A42603
580	A31889	Num	8	A31889
581	A36850	Num	8	A36850
582	A39378	Num	8	A39378

Num	Variable	Type	Len	Label
583	A62784	Num	8	A62784
584	A1605	Num	8	A1605
585	A40605	Num	8	A40605
586	A57426	Num	8	A57426
587	A17769	Num	8	A17769
588	A52605	Num	8	A52605
589	A17747	Num	8	A17747
590	A34445	Num	8	A34445
591	A54805	Num	8	A54805
592	A36776	Num	8	A36776
593	A33997	Num	8	A33997
594	A63	Num	8	A63
595	A35324	Num	8	A35324
596	A48351	Num	8	A48351
597	A1107	Num	8	A1107
598	A3127	Num	8	A3127
599	A1123	Num	8	A1123
600	A1604	Num	8	A1604
601	A3147	Num	8	A3147
602	A15650	Num	8	A15650
603	A35157	Num	8	A35157
604	A48130	Num	8	A48130
605	A32342	Num	8	A32342
606	A35114	Num	8	A35114
607	A35137	Num	8	A35137
608	A57554	Num	8	A57554
609	A35132	Num	8	A35132
610	A35130	Num	8	A35130
611	A514	Num	8	A514
612	A573	Num	8	A573
613	A601	Num	8	A601
614	A1505	Num	8	A1505
615	A35172	Num	8	A35172
616	A1566	Num	8	A1566
617	A1418	Num	8	A1418
618	A57655	Num	8	A57655
619	A52602	Num	8	A52602
620	A62924	Num	8	A62924
621	A3155	Num	8	A3155

Num	Variable	Type	Len	Label
622	A61833	Num	8	A61833
623	A35136	Num	8	A35136
624	A37432	Num	8	A37432
625	A55	Num	8	A55
626	A33442	Num	8	A33442
627	A605	Num	8	A605
628	A606	Num	8	A606
629	A61869	Num	8	A61869
630	A64403	Num	8	A64403
631	A64404	Num	8	A64404
632	A64414	Num	8	A64414
633	A64415	Num	8	A64415
634	A64409	Num	8	A64409
635	A64407	Num	8	A64407
636	A64408	Num	8	A64408
637	A64405	Num	8	A64405
638	A64406	Num	8	A64406
639	A63615	Num	8	A63615
640	A63683	Num	8	A63683
641	A63650	Num	8	A63650
642	A61881	Num	8	A61881
643	A61887	Num	8	A61887
644	A61888	Num	8	A61888
645	A61970	Num	8	A61970
646	A61876	Num	8	A61876
647	A61905	Num	8	A61905
648	A63657	Num	8	A63657
649	A63660	Num	8	A63660
650	A63658	Num	8	A63658
651	A62145	Num	8	A62145
652	A62146	Num	8	A62146
653	A63153	Num	8	A63153
654	A63264	Num	8	A63264
655	A62733	Num	8	A62733
656	A55017	Num	8	A55017
657	A48425	Num	8	A48425
658	A52925	Num	8	A52925
659	A35126	Num	8	A35126
660	A37077	Num	8	A37077

Num	Variable	Type	Len	Label
661	A40008	Num	8	A40008
662	A40045	Num	8	A40045
663	A40703	Num	8	A40703
664	A57709	Num	8	A57709
665	A31548	Num	8	A31548
666	A57712	Num	8	A57712
667	A62813	Num	8	A62813
668	A37092	Num	8	A37092
669	A55015	Num	8	A55015
670	A37063	Num	8	A37063
671	A62104	Num	8	A62104
672	A36738	Num	8	A36738
673	A2730	Num	8	A2730
674	A33949	Num	8	A33949
675	A18245	Num	8	A18245
676	A34456	Num	8	A34456
677	A18369	Num	8	A18369
678	A44872	Num	8	A44872
679	A33422	Num	8	A33422
680	A33364	Num	8	A33364
681	A33947	Num	8	A33947
682	A2734	Num	8	A2734
683	A43829	Num	8	A43829
684	A64571	Num	8	A64571
685	A34420	Num	8	A34420
686	A33962	Num	8	A33962
687	A47101	Num	8	A47101
688	A36847	Num	8	A36847
689	A18281	Num	8	A18281
690	A64049	Num	8	A64049
691	A35635	Num	8	A35635
692	A45415	Num	8	A45415
693	A39600	Num	8	A39600
694	A62530	Num	8	A62530
695	A48763	Num	8	A48763
696	A48752	Num	8	A48752
697	A46165	Num	8	A46165
698	A15749	Num	8	A15749
699	A44620	Num	8	A44620

Num	Variable	Type	Len	Label
700	A63597	Num	8	A63597
701	A63072	Num	8	A63072
702	A36099	Num	8	A36099
703	A21133	Num	8	A21133
704	A35527	Num	8	A35527
705	A46146	Num	8	A46146
706	A48418	Num	8	A48418
707	A64579	Num	8	A64579
708	A36098	Num	8	A36098
709	A15778	Num	8	A15778
710	A35320	Num	8	A35320
711	A46111	Num	8	A46111
712	A15753	Num	8	A15753
713	A48429	Num	8	A48429
714	A36845	Num	8	A36845
715	A36103	Num	8	A36103
716	A48480	Num	8	A48480
717	A48460	Num	8	A48460
718	A63380	Num	8	A63380
719	A48761	Num	8	A48761
720	A48762	Num	8	A48762
721	A62885	Num	8	A62885
722	A64328	Num	8	A64328
723	A48459	Num	8	A48459
724	A48445	Num	8	A48445
725	A62520	Num	8	A62520
726	A63589	Num	8	A63589
727	A62310	Num	8	A62310
728	A63681	Num	8	A63681
729	A63227	Num	8	A63227
730	A48448	Num	8	A48448
731	A57585	Num	8	A57585
732	A63988	Num	8	A63988
733	A48441	Num	8	A48441
734	A63230	Num	8	A63230
735	A48698	Num	8	A48698
736	A22163	Num	8	A22163
737	A47137	Num	8	A47137
738	A45413	Num	8	A45413

Num	Variable	Type	Len	Label
739	A38314	Num	8	A38314
740	A63841	Num	8	A63841
741	A43424	Num	8	A43424
742	A35651	Num	8	A35651
743	A39603	Num	8	A39603
744	A21025	Num	8	A21025
745	A42638	Num	8	A42638
746	A57564	Num	8	A57564
747	A62071	Num	8	A62071
748	A46960	Num	8	A46960
749	A53231	Num	8	A53231
750	A20710	Num	8	A20710
751	A33173	Num	8	A33173
752	A33161	Num	8	A33161
753	A47031	Num	8	A47031
754	A45721	Num	8	A45721
755	A34365	Num	8	A34365
756	A62567	Num	8	A62567
757	A12032	Num	8	A12032
758	A15736	Num	8	A15736
759	A37475	Num	8	A37475
760	A54809	Num	8	A54809
761	A33080	Num	8	A33080
762	A53239	Num	8	A53239
763	A52357	Num	8	A52357
764	A39678	Num	8	A39678
765	A43333	Num	8	A43333
766	A38599	Num	8	A38599
767	A46331	Num	8	A46331
768	A46106	Num	8	A46106
769	A17799	Num	8	A17799
770	A38366	Num	8	A38366
771	A35661	Num	8	A35661
772	A64093	Num	8	A64093
773	A64134	Num	8	A64134
774	A21174	Num	8	A21174
775	A61844	Num	8	A61844
776	A61845	Num	8	A61845
777	A12122	Num	8	A12122

Num	Variable	Type	Len	Label
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779	A53241	Num	8	A53241
780	A64176	Num	8	A64176
781	A38655	Num	8	A38655
782	A48680	Num	8	A48680
783	A62106	Num	8	A62106
784	A52948	Num	8	A52948
785	A63738	Num	8	A63738
786	A52966	Num	8	A52966
787	A57798	Num	8	A57798
788	A57614	Num	8	A57614
789	A64067	Num	8	A64067
790	A27605	Num	8	A27605
791	A57707	Num	8	A57707
792	A57642	Num	8	A57642
793	A21320	Num	8	A21320
794	A39767	Num	8	A39767
795	A57653	Num	8	A57653
796	A53240	Num	8	A53240
797	A62474	Num	8	A62474
798	A64075	Num	8	A64075
799	A42618	Num	8	A42618
800	A54800	Num	8	A54800
801	A54792	Num	8	A54792
802	A54742	Num	8	A54742
803	A54741	Num	8	A54741
804	A64504	Num	8	A64504
805	A64061	Num	8	A64061
806	A64100	Num	8	A64100
807	A63293	Num	8	A63293
808	A63276	Num	8	A63276
809	A63287	Num	8	A63287
810	A63285	Num	8	A63285
811	A64197	Num	8	A64197
812	A63284	Num	8	A63284
813	A62970	Num	8	A62970
814	A37445	Num	8	A37445
815	A62973	Num	8	A62973
816	A62972	Num	8	A62972

Num	Variable	Type	Len	Label
817	A38658	Num	8	A38658
818	A64103	Num	8	A64103
819	A64098	Num	8	A64098
820	A64203	Num	8	A64203
821	A54749	Num	8	A54749
822	A64188	Num	8	A64188
823	A54784	Num	8	A54784
824	A42981	Num	8	A42981
825	A43009	Num	8	A43009
826	A39625	Num	8	A39625
827	A64209	Num	8	A64209
828	A54787	Num	8	A54787
829	A64102	Num	8	A64102
830	A18037	Num	8	A18037
831	A34109	Num	8	A34109
832	A34598	Num	8	A34598
833	A53256	Num	8	A53256
834	A52958	Num	8	A52958
835	A52961	Num	8	A52961
836	A52950	Num	8	A52950
837	A64201	Num	8	A64201
838	A42593	Num	8	A42593
839	A48566	Num	8	A48566
840	A42990	Num	8	A42990
841	A43335	Num	8	A43335
842	A42592	Num	8	A42592
843	A57668	Num	8	A57668
844	A42613	Num	8	A42613
845	A38600	Num	8	A38600
846	A57794	Num	8	A57794
847	A38609	Num	8	A38609
848	A57695	Num	8	A57695
849	A38595	Num	8	A38595
850	A62485	Num	8	A62485
851	A43534	Num	8	A43534
852	A38321	Num	8	A38321
853	A38619	Num	8	A38619
854	A64106	Num	8	A64106
855	A62483	Num	8	A62483

Num	Variable	Type	Len	Label
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857	A64107	Num	8	A64107
858	A63916	Num	8	A63916
859	A43580	Num	8	A43580
860	A43579	Num	8	A43579
861	A38306	Num	8	A38306
862	A47883	Num	8	A47883
863	A47879	Num	8	A47879
864	A41726	Num	8	A41726
865	A47881	Num	8	A47881
866	A33139	Num	8	A33139
867	A40421	Num	8	A40421
868	A52954	Num	8	A52954
869	A62882	Num	8	A62882
870	A57789	Num	8	A57789
871	A57778	Num	8	A57778
872	A57781	Num	8	A57781
873	A61832	Num	8	A61832
874	A37033	Num	8	A37033
875	A37020	Num	8	A37020
876	A37056	Num	8	A37056
877	A64132	Num	8	A64132
878	A38686	Num	8	A38686
879	A43508	Num	8	A43508
880	A54762	Num	8	A54762
881	A57641	Num	8	A57641
882	A52913	Num	8	A52913
883	A22196	Num	8	A22196
884	A2772	Num	8	A2772
885	A22290	Num	8	A22290
886	A62883	Num	8	A62883
887	A38140	Num	8	A38140
888	A57356	Num	8	A57356
889	A57807	Num	8	A57807
890	A53001	Num	8	A53001
891	A62480	Num	8	A62480
892	A62481	Num	8	A62481
893	A52358	Num	8	A52358
894	A62484	Num	8	A62484

Num	Variable	Type	Len	Label
895	A43334	Num	8	A43334
896	A61836	Num	8	A61836
897	A61848	Num	8	A61848
898	A21072	Num	8	A21072
899	A52960	Num	8	A52960
900	A62476	Num	8	A62476
901	A62479	Num	8	A62479
902	A40459	Num	8	A40459
903	A62477	Num	8	A62477
904	A64527	Num	8	A64527
905	A44619	Num	8	A44619
906	A32882	Num	8	A32882
907	A40446	Num	8	A40446
908	A21093	Num	8	A21093
909	A64122	Num	8	A64122
910	A37252	Num	8	A37252
911	A35971	Num	8	A35971
912	A27551	Num	8	A27551
913	A40461	Num	8	A40461
914	A39787	Num	8	A39787
915	A39757	Num	8	A39757
916	A64532	Num	8	A64532
917	A57691	Num	8	A57691
918	A38623	Num	8	A38623
919	A62976	Num	8	A62976
920	A64199	Num	8	A64199
921	A54745	Num	8	A54745
922	A38301	Num	8	A38301
923	A38669	Num	8	A38669
924	A43024	Num	8	A43024
925	A42021	Num	8	A42021
926	A43390	Num	8	A43390
927	A64124	Num	8	A64124
928	A39586	Num	8	A39586
929	A63042	Num	8	A63042
930	A35322	Num	8	A35322
931	A1515	Num	8	A1515
932	A40719	Num	8	A40719
933	A41397	Num	8	A41397

Num	Variable	Type	Len	Label
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935	A62533	Num	8	A62533
936	A21049	Num	8	A21049
937	A38276	Num	8	A38276
938	A21132	Num	8	A21132
939	A48580	Num	8	A48580
940	A43266	Num	8	A43266
941	A48141	Num	8	A48141
942	A40479	Num	8	A40479
943	A43400	Num	8	A43400
944	A62796	Num	8	A62796
945	A62863	Num	8	A62863
946	A62062	Num	8	A62062
947	A63583	Num	8	A63583
948	A62798	Num	8	A62798
949	A37181	Num	8	A37181
950	A48442	Num	8	A48442
951	A62871	Num	8	A62871
952	A31536	Num	8	A31536
953	A47136	Num	8	A47136
954	A45404	Num	8	A45404
955	A43239	Num	8	A43239
956	A48569	Num	8	A48569
957	A41494	Num	8	A41494
958	A53254	Num	8	A53254
959	A38637	Num	8	A38637
960	A48728	Num	8	A48728
961	A62524	Num	8	A62524
962	A41948	Num	8	A41948
963	A40478	Num	8	A40478
964	A37459	Num	8	A37459
965	A20699	Num	8	A20699
966	A63152	Num	8	A63152
967	A64131	Num	8	A64131
968	A48715	Num	8	A48715
969	A47114	Num	8	A47114
970	A62061	Num	8	A62061
971	A64200	Num	8	A64200
972	A64206	Num	8	A64206

Num	Variable	Type	Len	Label
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974	A62290	Num	8	A62290
975	A62291	Num	8	A62291
976	A62292	Num	8	A62292
977	A62278	Num	8	A62278
978	A33009	Num	8	A33009
979	A63359	Num	8	A63359
980	A48696	Num	8	A48696
981	A62864	Num	8	A62864
982	A46144	Num	8	A46144
983	A1584	Num	8	A1584
984	A598	Num	8	A598
985	A33935	Num	8	A33935
986	A48428	Num	8	A48428
987	A18335	Num	8	A18335
988	A62110	Num	8	A62110
989	A62111	Num	8	A62111
990	A21151	Num	8	A21151
991	A39788	Num	8	A39788
992	A34384	Num	8	A34384
993	A36649	Num	8	A36649
994	A62295	Num	8	A62295
995	A62296	Num	8	A62296
996	A62297	Num	8	A62297
997	A62299	Num	8	A62299
998	A15336	Num	8	A15336
999	A20693	Num	8	A20693
1000	A22206	Num	8	A22206
1001	A36095	Num	8	A36095
1002	A53026	Num	8	A53026
1003	A48674	Num	8	A48674
1004	A63853	Num	8	A63853
1005	A43470	Num	8	A43470
1006	A553	Num	8	A553
1007	A38662	Num	8	A38662
1008	A38661	Num	8	A38661
1009	A57782	Num	8	A57782
1010	A34404	Num	8	A34404
1011	A32391	Num	8	A32391

Num	Variable	Type	Len	Label
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1013	A34395	Num	8	A34395
1014	A34389	Num	8	A34389
1015	A34399	Num	8	A34399
1016	A32445	Num	8	A32445
1017	A34424	Num	8	A34424
1018	A34401	Num	8	A34401
1019	A34390	Num	8	A34390
1020	A569	Num	8	A569
1021	A18254	Num	8	A18254
1022	A18392	Num	8	A18392
1023	A18394	Num	8	A18394
1024	A46590	Num	8	A46590
1025	A47478	Num	8	A47478
1026	A46592	Num	8	A46592
1027	A46390	Num	8	A46390
1028	A49592	Num	8	A49592
1029	A46594	Num	8	A46594
1030	A46595	Num	8	A46595
1031	A46347	Num	8	A46347
1032	A46460	Num	8	A46460
1033	A46601	Num	8	A46601
1034	A46602	Num	8	A46602
1035	A47650	Num	8	A47650
1036	A47493	Num	8	A47493
1037	A33132	Num	8	A33132
1038	A33140	Num	8	A33140
1039	A46466	Num	8	A46466
1040	A46488	Num	8	A46488
1041	A46607	Num	8	A46607
1042	A46507	Num	8	A46507
1043	A46521	Num	8	A46521
1044	A47654	Num	8	A47654
1045	A46608	Num	8	A46608
1046	A46610	Num	8	A46610
1047	A46611	Num	8	A46611
1048	A47905	Num	8	A47905
1049	A47686	Num	8	A47686
1050	A47687	Num	8	A47687

Num	Variable	Type	Len	Label
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1052	A52597	Num	8	A52597
1053	A52797	Num	8	A52797
1054	A47690	Num	8	A47690
1055	A47695	Num	8	A47695
1056	A47643	Num	8	A47643
1057	A46966	Num	8	A46966
1058	A47702	Num	8	A47702
1059	A46985	Num	8	A46985
1060	A46613	Num	8	A46613
1061	A47657	Num	8	A47657
1062	A47708	Num	8	A47708
1063	A46615	Num	8	A46615
1064	A47921	Num	8	A47921
1065	A46616	Num	8	A46616
1066	A47922	Num	8	A47922
1067	A46510	Num	8	A46510
1068	A47437	Num	8	A47437
1069	A46962	Num	8	A46962
1070	A47929	Num	8	A47929
1071	A47932	Num	8	A47932
1072	A46318	Num	8	A46318
1073	A46973	Num	8	A46973
1074	A46623	Num	8	A46623
1075	A47937	Num	8	A47937
1076	A47938	Num	8	A47938
1077	A46627	Num	8	A46627
1078	A46624	Num	8	A46624
1079	A46986	Num	8	A46986
1080	A46630	Num	8	A46630
1081	A46997	Num	8	A46997
1082	A47662	Num	8	A47662
1083	A47014	Num	8	A47014
1084	A46633	Num	8	A46633
1085	A46364	Num	8	A46364
1086	A46636	Num	8	A46636
1087	A46639	Num	8	A46639
1088	A47955	Num	8	A47955
1089	A47788	Num	8	A47788

Num	Variable	Type	Len	Label
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1091	A47959	Num	8	A47959
1092	A47664	Num	8	A47664
1093	A47790	Num	8	A47790
1094	A47967	Num	8	A47967
1095	A46645	Num	8	A46645
1096	A47971	Num	8	A47971
1097	A47977	Num	8	A47977
1098	A46417	Num	8	A46417
1099	A46632	Num	8	A46632
1100	A47204	Num	8	A47204
1101	A46657	Num	8	A46657
1102	A46283	Num	8	A46283
1103	A46266	Num	8	A46266
1104	A46977	Num	8	A46977
1105	A47985	Num	8	A47985
1106	A46665	Num	8	A46665
1107	A46666	Num	8	A46666
1108	A47988	Num	8	A47988
1109	A46461	Num	8	A46461
1110	A47802	Num	8	A47802
1111	A46673	Num	8	A46673
1112	A47804	Num	8	A47804
1113	A47992	Num	8	A47992
1114	A46681	Num	8	A46681
1115	A46685	Num	8	A46685
1116	A47993	Num	8	A47993
1117	A46672	Num	8	A46672
1118	A47818	Num	8	A47818
1119	A47820	Num	8	A47820
1120	A47995	Num	8	A47995
1121	A46989	Num	8	A46989
1122	A48001	Num	8	A48001
1123	A48007	Num	8	A48007
1124	A48009	Num	8	A48009
1125	A46705	Num	8	A46705
1126	A48052	Num	8	A48052
1127	A46707	Num	8	A46707
1128	A46709	Num	8	A46709

Num	Variable	Type	Len	Label
1129	A48019	Num	8	A48019
1130	A46970	Num	8	A46970
1131	A48025	Num	8	A48025
1132	A46710	Num	8	A46710
1133	A48041	Num	8	A48041
1134	A46687	Num	8	A46687
1135	A48047	Num	8	A48047
1136	A48048	Num	8	A48048
1137	A47670	Num	8	A47670
1138	A46690	Num	8	A46690
1139	A46695	Num	8	A46695
1140	A47671	Num	8	A47671
1141	A46700	Num	8	A46700
1142	A48058	Num	8	A48058
1143	A46701	Num	8	A46701
1144	A47672	Num	8	A47672
1145	A47673	Num	8	A47673
1146	A46261	Num	8	A46261
1147	A46259	Num	8	A46259
1148	A46295	Num	8	A46295
1149	A46354	Num	8	A46354
1150	A46359	Num	8	A46359
1151	A46363	Num	8	A46363
1152	A46384	Num	8	A46384
1153	A46387	Num	8	A46387
1154	A46398	Num	8	A46398
1155	A46400	Num	8	A46400
1156	A46409	Num	8	A46409
1157	A46428	Num	8	A46428
1158	A46455	Num	8	A46455
1159	A46486	Num	8	A46486
1160	A46487	Num	8	A46487
1161	A46512	Num	8	A46512
1162	A46515	Num	8	A46515
1163	A46516	Num	8	A46516
1164	A46674	Num	8	A46674
1165	A46902	Num	8	A46902
1166	A46905	Num	8	A46905
1167	A46909	Num	8	A46909

Num	Variable	Type	Len	Label
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1169	A46972	Num	8	A46972
1170	A46980	Num	8	A46980
1171	A46992	Num	8	A46992
1172	A46998	Num	8	A46998
1173	A47008	Num	8	A47008
1174	A47011	Num	8	A47011
1175	A47015	Num	8	A47015
1176	A47017	Num	8	A47017
1177	A47022	Num	8	A47022
1178	A47417	Num	8	A47417
1179	A47773	Num	8	A47773
1180	A47784	Num	8	A47784
1181	A48076	Num	8	A48076
1182	A48081	Num	8	A48081
1183	A48185	Num	8	A48185
1184	A48771	Num	8	A48771
1185	A49307	Num	8	A49307
1186	A49457	Num	8	A49457
1187	A49460	Num	8	A49460
1188	A49463	Num	8	A49463
1189	A49469	Num	8	A49469
1190	A49512	Num	8	A49512
1191	A49515	Num	8	A49515
1192	A49517	Num	8	A49517
1193	A49521	Num	8	A49521
1194	A49531	Num	8	A49531
1195	A49532	Num	8	A49532
1196	A49536	Num	8	A49536
1197	A49539	Num	8	A49539
1198	A49542	Num	8	A49542
1199	A49557	Num	8	A49557
1200	A49637	Num	8	A49637
1201	A49679	Num	8	A49679
1202	A49681	Num	8	A49681
1203	A49883	Num	8	A49883
1204	A52012	Num	8	A52012
1205	A52025	Num	8	A52025
1206	A52286	Num	8	A52286

Num	Variable	Type	Len	Label
1207	A52483	Num	8	A52483
1208	A52501	Num	8	A52501
1209	A52502	Num	8	A52502
1210	A52504	Num	8	A52504
1211	A52524	Num	8	A52524
1212	A52533	Num	8	A52533
1213	A52548	Num	8	A52548
1214	A52639	Num	8	A52639
1215	A52640	Num	8	A52640
1216	A52636	Num	8	A52636
1217	A52790	Num	8	A52790
1218	A52792	Num	8	A52792
1219	A52813	Num	8	A52813
1220	A52839	Num	8	A52839
1221	A52840	Num	8	A52840
1222	A52860	Num	8	A52860
1223	A52864	Num	8	A52864
1224	A52865	Num	8	A52865
1225	A52867	Num	8	A52867
1226	A52870	Num	8	A52870
1227	A52877	Num	8	A52877
1228	A52891	Num	8	A52891
1229	A52892	Num	8	A52892
1230	A52897	Num	8	A52897
1231	A52898	Num	8	A52898
1232	A52909	Num	8	A52909
1233	A52911	Num	8	A52911
1234	A53065	Num	8	A53065
1235	A53097	Num	8	A53097
1236	A53157	Num	8	A53157
1237	A53172	Num	8	A53172
1238	A54840	Num	8	A54840
1239	A57714	Num	8	A57714
1240	A57716	Num	8	A57716
1241	A57718	Num	8	A57718
1242	A57754	Num	8	A57754
1243	A62403	Num	8	A62403
1244	A62494	Num	8	A62494
1245	A62500	Num	8	A62500

Num	Variable	Type	Len	Label
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1247	A62603	Num	8	A62603
1248	A62636	Num	8	A62636
1249	A62664	Num	8	A62664
1250	A62714	Num	8	A62714
1251	A62716	Num	8	A62716
1252	A62717	Num	8	A62717
1253	A62719	Num	8	A62719
1254	A62749	Num	8	A62749
1255	A62891	Num	8	A62891
1256	A62937	Num	8	A62937
1257	A62945	Num	8	A62945
1258	A62963	Num	8	A62963
1259	A62964	Num	8	A62964
1260	A62967	Num	8	A62967
1261	A62968	Num	8	A62968
1262	A63067	Num	8	A63067
1263	A63560	Num	8	A63560
1264	A63577	Num	8	A63577
1265	A63592	Num	8	A63592
1266	A64267	Num	8	A64267
1267	A64337	Num	8	A64337
1268	A64399	Num	8	A64399
1269	A64401	Num	8	A64401
1270	A64440	Num	8	A64440

Data Set Name: pvd_l2_bni_metabolites.sas7bdat

Num	Variable	Type	Len	Label
1	sid	Char	10	Unique sample id
2	pidd	Char	6	Alternative IDs
3	sample_location	Char	17	Blood draw location of sample
4	time_point	Char	13	Time when blood draw was taken (at baseline, at peak exercise, at post exercise)
5	A63151	Num	8	A63151
6	A1585	Num	8	A1585
7	A33942	Num	8	A33942
8	A22185	Num	8	A22185
9	A52340	Num	8	A52340
10	A1126	Num	8	A1126
11	A512	Num	8	A512
12	A443	Num	8	A443
13	A62060	Num	8	A62060
14	A27718	Num	8	A27718
15	A513	Num	8	A513
16	A43802	Num	8	A43802
17	A46225	Num	8	A46225
18	A31675	Num	8	A31675
19	A40499	Num	8	A40499
20	A35665	Num	8	A35665
21	A15720	Num	8	A15720
22	A33943	Num	8	A33943
23	A42370	Num	8	A42370
24	A62101	Num	8	A62101
25	A54923	Num	8	A54923
26	A40007	Num	8	A40007
27	A22158	Num	8	A22158
28	A57	Num	8	A57
29	A33487	Num	8	A33487
30	A53	Num	8	A53
31	A42374	Num	8	A42374
32	A52281	Num	8	A52281
33	A1494	Num	8	A1494
34	A18368	Num	8	A18368
35	A35159	Num	8	A35159
36	A35637	Num	8	A35637

Num	Variable	Type	Len	Label
37	A62103	Num	8	A62103
38	A38783	Num	8	A38783
39	A27710	Num	8	A27710
40	A37076	Num	8	A37076
41	A33939	Num	8	A33939
42	A31539	Num	8	A31539
43	A3141	Num	8	A3141
44	A5086	Num	8	A5086
45	A58	Num	8	A58
46	A1516	Num	8	A1516
47	A1648	Num	8	A1648
48	A1284	Num	8	A1284
49	A48114	Num	8	A48114
50	A15681	Num	8	A15681
51	A32446	Num	8	A32446
52	A64567	Num	8	A64567
53	A32350	Num	8	A32350
54	A62946	Num	8	A62946
55	A64596	Num	8	A64596
56	A30460	Num	8	A30460
57	A61868	Num	8	A61868
58	A15677	Num	8	A15677
59	A32349	Num	8	A32349
60	A43255	Num	8	A43255
61	A43256	Num	8	A43256
62	A43488	Num	8	A43488
63	A33946	Num	8	A33946
64	A15747	Num	8	A15747
65	A43493	Num	8	A43493
66	A59	Num	8	A59
67	A40473	Num	8	A40473
68	A15716	Num	8	A15716
69	A40730	Num	8	A40730
70	A607	Num	8	A607
71	A62558	Num	8	A62558
72	A62559	Num	8	A62559
73	A62562	Num	8	A62562
74	A57547	Num	8	A57547
75	A36746	Num	8	A36746

Num	Variable	Type	Len	Label
76	A63120	Num	8	A63120
77	A45095	Num	8	A45095
78	A32397	Num	8	A32397
79	A1549	Num	8	A1549
80	A44526	Num	8	A44526
81	A15676	Num	8	A15676
82	A31940	Num	8	A31940
83	A57747	Num	8	A57747
84	A46548	Num	8	A46548
85	A22116	Num	8	A22116
86	A33967	Num	8	A33967
87	A1587	Num	8	A1587
88	A1591	Num	8	A1591
89	A62852	Num	8	A62852
90	A22132	Num	8	A22132
91	A33937	Num	8	A33937
92	A12129	Num	8	A12129
93	A35433	Num	8	A35433
94	A15765	Num	8	A15765
95	A33441	Num	8	A33441
96	A35437	Num	8	A35437
97	A1125	Num	8	A1125
98	A44656	Num	8	A44656
99	A34407	Num	8	A34407
100	A35107	Num	8	A35107
101	A60	Num	8	A60
102	A15745	Num	8	A15745
103	A53031	Num	8	A53031
104	A35428	Num	8	A35428
105	A1649	Num	8	A1649
106	A6146	Num	8	A6146
107	A15685	Num	8	A15685
108	A43231	Num	8	A43231
109	A57687	Num	8	A57687
110	A62819	Num	8	A62819
111	A63254	Num	8	A63254
112	A62954	Num	8	A62954
113	A36751	Num	8	A36751
114	A1498	Num	8	A1498

Num	Variable	Type	Len	Label
115	A62862	Num	8	A62862
116	A36752	Num	8	A36752
117	A62860	Num	8	A62860
118	A46227	Num	8	A46227
119	A44664	Num	8	A44664
120	A62959	Num	8	A62959
121	A1301	Num	8	A1301
122	A1444	Num	8	A1444
123	A62805	Num	8	A62805
124	A63739	Num	8	A63739
125	A62100	Num	8	A62100
126	A1589	Num	8	A1589
127	A48187	Num	8	A48187
128	A2829	Num	8	A2829
129	A42989	Num	8	A42989
130	A42382	Num	8	A42382
131	A39592	Num	8	A39592
132	A43378	Num	8	A43378
133	A38127	Num	8	A38127
134	A4968	Num	8	A4968
135	A15705	Num	8	A15705
136	A1868	Num	8	A1868
137	A22176	Num	8	A22176
138	A37443	Num	8	A37443
139	A56	Num	8	A56
140	A590	Num	8	A590
141	A42002	Num	8	A42002
142	A1302	Num	8	A1302
143	A44878	Num	8	A44878
144	A18374	Num	8	A18374
145	A63678	Num	8	A63678
146	A2125	Num	8	A2125
147	A62566	Num	8	A62566
148	A1432	Num	8	A1432
149	A541	Num	8	A541
150	A33950	Num	8	A33950
151	A57745	Num	8	A57745
152	A64	Num	8	A64
153	A22130	Num	8	A22130

Num	Variable	Type	Len	Label
154	A566	Num	8	A566
155	A57814	Num	8	A57814
156	A1558	Num	8	A1558
157	A1419	Num	8	A1419
158	A62309	Num	8	A62309
159	A37496	Num	8	A37496
160	A43258	Num	8	A43258
161	A485	Num	8	A485
162	A603	Num	8	A603
163	A27672	Num	8	A27672
164	A63253	Num	8	A63253
165	A52914	Num	8	A52914
166	A62503	Num	8	A62503
167	A62955	Num	8	A62955
168	A48782	Num	8	A48782
169	A48757	Num	8	A48757
170	A33959	Num	8	A33959
171	A43549	Num	8	A43549
172	A57746	Num	8	A57746
173	A38116	Num	8	A38116
174	A27513	Num	8	A27513
175	A62279	Num	8	A62279
176	A42087	Num	8	A42087
177	A34402	Num	8	A34402
178	A18349	Num	8	A18349
179	A32405	Num	8	A32405
180	A1417	Num	8	A1417
181	A15140	Num	8	A15140
182	A64568	Num	8	A64568
183	A1512	Num	8	A1512
184	A2342	Num	8	A2342
185	A54	Num	8	A54
186	A37097	Num	8	A37097
187	A15679	Num	8	A15679
188	A62564	Num	8	A62564
189	A32197	Num	8	A32197
190	A44618	Num	8	A44618
191	A12017	Num	8	A12017
192	A52932	Num	8	A52932

Num	Variable	Type	Len	Label
193	A1669	Num	8	A1669
194	A48457	Num	8	A48457
195	A32390	Num	8	A32390
196	A48433	Num	8	A48433
197	A53243	Num	8	A53243
198	A48407	Num	8	A48407
199	A48406	Num	8	A48406
200	A18280	Num	8	A18280
201	A1101	Num	8	A1101
202	A48841	Num	8	A48841
203	A52747	Num	8	A52747
204	A32553	Num	8	A32553
205	A2761	Num	8	A2761
206	A48408	Num	8	A48408
207	A1299	Num	8	A1299
208	A54910	Num	8	A54910
209	A48733	Num	8	A48733
210	A1567	Num	8	A1567
211	A55072	Num	8	A55072
212	A62853	Num	8	A62853
213	A62947	Num	8	A62947
214	A33953	Num	8	A33953
215	A48434	Num	8	A48434
216	A62707	Num	8	A62707
217	A43249	Num	8	A43249
218	A62068	Num	8	A62068
219	A37431	Num	8	A37431
220	A43591	Num	8	A43591
221	A57461	Num	8	A57461
222	A1638	Num	8	A1638
223	A2132	Num	8	A2132
224	A36808	Num	8	A36808
225	A62783	Num	8	A62783
226	A22137	Num	8	A22137
227	A22138	Num	8	A22138
228	A1493	Num	8	A1493
229	A35127	Num	8	A35127
230	A1898	Num	8	A1898
231	A32306	Num	8	A32306

Num	Variable	Type	Len	Label
232	A1670	Num	8	A1670
233	A46539	Num	8	A46539
234	A48149	Num	8	A48149
235	A32377	Num	8	A32377
236	A42420	Num	8	A42420
237	A15443	Num	8	A15443
238	A567	Num	8	A567
239	A1519	Num	8	A1519
240	A48195	Num	8	A48195
241	A27719	Num	8	A27719
242	A46142	Num	8	A46142
243	A48153	Num	8	A48153
244	A15586	Num	8	A15586
245	A44688	Num	8	A44688
246	A20675	Num	8	A20675
247	A1414	Num	8	A1414
248	A48152	Num	8	A48152
249	A1572	Num	8	A1572
250	A527	Num	8	A527
251	A22250	Num	8	A22250
252	A575	Num	8	A575
253	A48885	Num	8	A48885
254	A48255	Num	8	A48255
255	A61858	Num	8	A61858
256	A15772	Num	8	A15772
257	A27731	Num	8	A27731
258	A15581	Num	8	A15581
259	A63990	Num	8	A63990
260	A63590	Num	8	A63590
261	A63687	Num	8	A63687
262	A46957	Num	8	A46957
263	A20694	Num	8	A20694
264	A27738	Num	8	A27738
265	A32426	Num	8	A32426
266	A40173	Num	8	A40173
267	A32586	Num	8	A32586
268	A47886	Num	8	A47886
269	A43807	Num	8	A43807
270	A2137	Num	8	A2137

Num	Variable	Type	Len	Label
271	A41754	Num	8	A41754
272	A27665	Num	8	A27665
273	A40469	Num	8	A40469
274	A594	Num	8	A594
275	A33013	Num	8	A33013
276	A1899	Num	8	A1899
277	A32401	Num	8	A32401
278	A63061	Num	8	A63061
279	A1508	Num	8	A1508
280	A47666	Num	8	A47666
281	A1561	Num	8	A1561
282	A62287	Num	8	A62287
283	A62286	Num	8	A62286
284	A33418	Num	8	A33418
285	A44876	Num	8	A44876
286	A42381	Num	8	A42381
287	A52473	Num	8	A52473
288	A57591	Num	8	A57591
289	A57635	Num	8	A57635
290	A57636	Num	8	A57636
291	A57637	Num	8	A57637
292	A40807	Num	8	A40807
293	A1806	Num	8	A1806
294	A1651	Num	8	A1651
295	A31555	Num	8	A31555
296	A42109	Num	8	A42109
297	A52282	Num	8	A52282
298	A46173	Num	8	A46173
299	A528	Num	8	A528
300	A47076	Num	8	A47076
301	A1564	Num	8	A1564
302	A1643	Num	8	A1643
303	A1303	Num	8	A1303
304	A1437	Num	8	A1437
305	A37058	Num	8	A37058
306	A63251	Num	8	A63251
307	A64418	Num	8	A64418
308	A38168	Num	8	A38168
309	A37184	Num	8	A37184

Num	Variable	Type	Len	Label
310	A37186	Num	8	A37186
311	A37185	Num	8	A37185
312	A37187	Num	8	A37187
313	A37190	Num	8	A37190
314	A32827	Num	8	A32827
315	A37207	Num	8	A37207
316	A37209	Num	8	A37209
317	A37202	Num	8	A37202
318	A37203	Num	8	A37203
319	A37211	Num	8	A37211
320	A37210	Num	8	A37210
321	A61846	Num	8	A61846
322	A31591	Num	8	A31591
323	A32425	Num	8	A32425
324	A33973	Num	8	A33973
325	A47112	Num	8	A47112
326	A15500	Num	8	A15500
327	A36747	Num	8	A36747
328	A1712	Num	8	A1712
329	A1769	Num	8	A1769
330	A57699	Num	8	A57699
331	A64411	Num	8	A64411
332	A62793	Num	8	A62793
333	A57664	Num	8	A57664
334	A39732	Num	8	A39732
335	A39730	Num	8	A39730
336	A52608	Num	8	A52608
337	A38102	Num	8	A38102
338	A38165	Num	8	A38165
339	A38625	Num	8	A38625
340	A52988	Num	8	A52988
341	A61867	Num	8	A61867
342	A61865	Num	8	A61865
343	A53224	Num	8	A53224
344	A52990	Num	8	A52990
345	A43264	Num	8	A43264
346	A52984	Num	8	A52984
347	A63358	Num	8	A63358
348	A62557	Num	8	A62557

Num	Variable	Type	Len	Label
349	A64393	Num	8	A64393
350	A64394	Num	8	A64394
351	A61840	Num	8	A61840
352	A57513	Num	8	A57513
353	A57514	Num	8	A57514
354	A57516	Num	8	A57516
355	A57515	Num	8	A57515
356	A57512	Num	8	A57512
357	A33952	Num	8	A33952
358	A44681	Num	8	A44681
359	A34409	Num	8	A34409
360	A64389	Num	8	A64389
361	A33941	Num	8	A33941
362	A32328	Num	8	A32328
363	A34534	Num	8	A34534
364	A61775	Num	8	A61775
365	A33936	Num	8	A33936
366	A63361	Num	8	A63361
367	A61769	Num	8	A61769
368	A38178	Num	8	A38178
369	A57519	Num	8	A57519
370	A48182	Num	8	A48182
371	A57531	Num	8	A57531
372	A35160	Num	8	A35160
373	A53223	Num	8	A53223
374	A52929	Num	8	A52929
375	A63613	Num	8	A63613
376	A57517	Num	8	A57517
377	A57518	Num	8	A57518
378	A57521	Num	8	A57521
379	A57520	Num	8	A57520
380	A57523	Num	8	A57523
381	A57511	Num	8	A57511
382	A46223	Num	8	A46223
383	A32198	Num	8	A32198
384	A53261	Num	8	A53261
385	A53262	Num	8	A53262
386	A53263	Num	8	A53263
387	A53258	Num	8	A53258

Num	Variable	Type	Len	Label
388	A57463	Num	8	A57463
389	A53260	Num	8	A53260
390	A53257	Num	8	A53257
391	A52944	Num	8	A52944
392	A57464	Num	8	A57464
393	A62735	Num	8	A62735
394	A54907	Num	8	A54907
395	A61785	Num	8	A61785
396	A62064	Num	8	A62064
397	A32462	Num	8	A32462
398	A42092	Num	8	A42092
399	A64386	Num	8	A64386
400	A35436	Num	8	A35436
401	A63057	Num	8	A63057
402	A61798	Num	8	A61798
403	A35482	Num	8	A35482
404	A32412	Num	8	A32412
405	A31850	Num	8	A31850
406	A32452	Num	8	A32452
407	A31932	Num	8	A31932
408	A37059	Num	8	A37059
409	A43761	Num	8	A43761
410	A43343	Num	8	A43343
411	A62059	Num	8	A62059
412	A38768	Num	8	A38768
413	A38296	Num	8	A38296
414	A64390	Num	8	A64390
415	A38271	Num	8	A38271
416	A37253	Num	8	A37253
417	A63357	Num	8	A63357
418	A61871	Num	8	A61871
419	A31787	Num	8	A31787
420	A62069	Num	8	A62069
421	A62915	Num	8	A62915
422	A36749	Num	8	A36749
423	A40062	Num	8	A40062
424	A18362	Num	8	A18362
425	A63191	Num	8	A63191
426	A63685	Num	8	A63685

Num	Variable	Type	Len	Label
427	A39837	Num	8	A39837
428	A62276	Num	8	A62276
429	A32388	Num	8	A32388
430	A61864	Num	8	A61864
431	A39831	Num	8	A39831
432	A62923	Num	8	A62923
433	A396	Num	8	A396
434	A61866	Num	8	A61866
435	A35678	Num	8	A35678
436	A61862	Num	8	A61862
437	A62277	Num	8	A62277
438	A20676	Num	8	A20676
439	A61860	Num	8	A61860
440	A36754	Num	8	A36754
441	A61861	Num	8	A61861
442	A32398	Num	8	A32398
443	A15730	Num	8	A15730
444	A62918	Num	8	A62918
445	A35669	Num	8	A35669
446	A62919	Num	8	A62919
447	A38395	Num	8	A38395
448	A63109	Num	8	A63109
449	A62950	Num	8	A62950
450	A62952	Num	8	A62952
451	A38399	Num	8	A38399
452	A37752	Num	8	A37752
453	A39609	Num	8	A39609
454	A61700	Num	8	A61700
455	A42489	Num	8	A42489
456	A52916	Num	8	A52916
457	A61698	Num	8	A61698
458	A22036	Num	8	A22036
459	A35675	Num	8	A35675
460	A17945	Num	8	A17945
461	A22053	Num	8	A22053
462	A53230	Num	8	A53230
463	A32457	Num	8	A32457
464	A21158	Num	8	A21158
465	A22001	Num	8	A22001

Num	Variable	Type	Len	Label
466	A31943	Num	8	A31943
467	A52938	Num	8	A52938
468	A31938	Num	8	A31938
469	A47120	Num	8	A47120
470	A37073	Num	8	A37073
471	A15122	Num	8	A15122
472	A43847	Num	8	A43847
473	A37112	Num	8	A37112
474	A1124	Num	8	A1124
475	A542	Num	8	A542
476	A33963	Num	8	A33963
477	A33587	Num	8	A33587
478	A1552	Num	8	A1552
479	A33971	Num	8	A33971
480	A32418	Num	8	A32418
481	A33972	Num	8	A33972
482	A52285	Num	8	A52285
483	A33447	Num	8	A33447
484	A32980	Num	8	A32980
485	A1110	Num	8	A1110
486	A17805	Num	8	A17805
487	A35718	Num	8	A35718
488	A32415	Num	8	A32415
489	A44675	Num	8	A44675
490	A32504	Num	8	A32504
491	A37478	Num	8	A37478
492	A32417	Num	8	A32417
493	A57467	Num	8	A57467
494	A18467	Num	8	A18467
495	A57658	Num	8	A57658
496	A57652	Num	8	A57652
497	A1105	Num	8	A1105
498	A34035	Num	8	A34035
499	A57810	Num	8	A57810
500	A33969	Num	8	A33969
501	A62850	Num	8	A62850
502	A1118	Num	8	A1118
503	A1121	Num	8	A1121
504	A1365	Num	8	A1365

Num	Variable	Type	Len	Label
505	A1356	Num	8	A1356
506	A1336	Num	8	A1336
507	A1361	Num	8	A1361
508	A1358	Num	8	A1358
509	A54885	Num	8	A54885
510	A45970	Num	8	A45970
511	A34437	Num	8	A34437
512	A45966	Num	8	A45966
513	A63436	Num	8	A63436
514	A32497	Num	8	A32497
515	A33968	Num	8	A33968
516	A1642	Num	8	A1642
517	A32489	Num	8	A32489
518	A32492	Num	8	A32492
519	A62873	Num	8	A62873
520	A1644	Num	8	A1644
521	A1645	Num	8	A1645
522	A12035	Num	8	A12035
523	A531	Num	8	A531
524	A52235	Num	8	A52235
525	A52696	Num	8	A52696
526	A19265	Num	8	A19265
527	A15506	Num	8	A15506
528	A34396	Num	8	A34396
529	A37455	Num	8	A37455
530	A15990	Num	8	A15990
531	A1600	Num	8	A1600
532	A40406	Num	8	A40406
533	A47403	Num	8	A47403
534	A46115	Num	8	A46115
535	A32562	Num	8	A32562
536	A32619	Num	8	A32619
537	A62921	Num	8	A62921
538	A62922	Num	8	A62922
539	A38170	Num	8	A38170
540	A1563	Num	8	A1563
541	A63607	Num	8	A63607
542	A22842	Num	8	A22842
543	A62571	Num	8	A62571

Num	Variable	Type	Len	Label
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545	A32346	Num	8	A32346
546	A52974	Num	8	A52974
547	A52983	Num	8	A52983
548	A18476	Num	8	A18476
549	A52977	Num	8	A52977
550	A33983	Num	8	A33983
551	A18494	Num	8	A18494
552	A18497	Num	8	A18497
553	A37198	Num	8	A37198
554	A37200	Num	8	A37200
555	A37196	Num	8	A37196
556	A46172	Num	8	A46172
557	A40708	Num	8	A40708
558	A48394	Num	8	A48394
559	A1114	Num	8	A1114
560	A63688	Num	8	A63688
561	A63610	Num	8	A63610
562	A32599	Num	8	A32599
563	A18477	Num	8	A18477
564	A52975	Num	8	A52975
565	A42574	Num	8	A42574
566	A31912	Num	8	A31912
567	A32620	Num	8	A32620
568	A39379	Num	8	A39379
569	A63731	Num	8	A63731
570	A34093	Num	8	A34093
571	A57577	Num	8	A57577
572	A63602	Num	8	A63602
573	A62526	Num	8	A62526
574	A62527	Num	8	A62527
575	A62890	Num	8	A62890
576	A32807	Num	8	A32807
577	A12261	Num	8	A12261
578	A62889	Num	8	A62889
579	A42603	Num	8	A42603
580	A31889	Num	8	A31889
581	A36850	Num	8	A36850
582	A39378	Num	8	A39378

Num	Variable	Type	Len	Label
583	A62784	Num	8	A62784
584	A1605	Num	8	A1605
585	A40605	Num	8	A40605
586	A57426	Num	8	A57426
587	A17769	Num	8	A17769
588	A52605	Num	8	A52605
589	A17747	Num	8	A17747
590	A34445	Num	8	A34445
591	A54805	Num	8	A54805
592	A36776	Num	8	A36776
593	A33997	Num	8	A33997
594	A63	Num	8	A63
595	A35324	Num	8	A35324
596	A48351	Num	8	A48351
597	A1107	Num	8	A1107
598	A3127	Num	8	A3127
599	A1123	Num	8	A1123
600	A1604	Num	8	A1604
601	A3147	Num	8	A3147
602	A15650	Num	8	A15650
603	A35157	Num	8	A35157
604	A48130	Num	8	A48130
605	A32342	Num	8	A32342
606	A35114	Num	8	A35114
607	A35137	Num	8	A35137
608	A57554	Num	8	A57554
609	A35132	Num	8	A35132
610	A35130	Num	8	A35130
611	A514	Num	8	A514
612	A573	Num	8	A573
613	A601	Num	8	A601
614	A1505	Num	8	A1505
615	A35172	Num	8	A35172
616	A1566	Num	8	A1566
617	A1418	Num	8	A1418
618	A57655	Num	8	A57655
619	A52602	Num	8	A52602
620	A62924	Num	8	A62924
621	A3155	Num	8	A3155

Num	Variable	Type	Len	Label
622	A61833	Num	8	A61833
623	A35136	Num	8	A35136
624	A37432	Num	8	A37432
625	A55	Num	8	A55
626	A33442	Num	8	A33442
627	A605	Num	8	A605
628	A606	Num	8	A606
629	A61869	Num	8	A61869
630	A64403	Num	8	A64403
631	A64404	Num	8	A64404
632	A64414	Num	8	A64414
633	A64415	Num	8	A64415
634	A64409	Num	8	A64409
635	A64407	Num	8	A64407
636	A64408	Num	8	A64408
637	A64405	Num	8	A64405
638	A64406	Num	8	A64406
639	A63615	Num	8	A63615
640	A63683	Num	8	A63683
641	A63650	Num	8	A63650
642	A61881	Num	8	A61881
643	A61887	Num	8	A61887
644	A61888	Num	8	A61888
645	A61970	Num	8	A61970
646	A61876	Num	8	A61876
647	A61905	Num	8	A61905
648	A63657	Num	8	A63657
649	A63660	Num	8	A63660
650	A63658	Num	8	A63658
651	A62145	Num	8	A62145
652	A62146	Num	8	A62146
653	A63153	Num	8	A63153
654	A63264	Num	8	A63264
655	A62733	Num	8	A62733
656	A55017	Num	8	A55017
657	A48425	Num	8	A48425
658	A52925	Num	8	A52925
659	A35126	Num	8	A35126
660	A37077	Num	8	A37077

Num	Variable	Type	Len	Label
661	A40008	Num	8	A40008
662	A40045	Num	8	A40045
663	A40703	Num	8	A40703
664	A57709	Num	8	A57709
665	A31548	Num	8	A31548
666	A57712	Num	8	A57712
667	A62813	Num	8	A62813
668	A37092	Num	8	A37092
669	A55015	Num	8	A55015
670	A37063	Num	8	A37063
671	A62104	Num	8	A62104
672	A36738	Num	8	A36738
673	A2730	Num	8	A2730
674	A33949	Num	8	A33949
675	A18245	Num	8	A18245
676	A34456	Num	8	A34456
677	A18369	Num	8	A18369
678	A44872	Num	8	A44872
679	A33422	Num	8	A33422
680	A33364	Num	8	A33364
681	A33947	Num	8	A33947
682	A2734	Num	8	A2734
683	A43829	Num	8	A43829
684	A64571	Num	8	A64571
685	A34420	Num	8	A34420
686	A33962	Num	8	A33962
687	A47101	Num	8	A47101
688	A36847	Num	8	A36847
689	A18281	Num	8	A18281
690	A64049	Num	8	A64049
691	A35635	Num	8	A35635
692	A45415	Num	8	A45415
693	A39600	Num	8	A39600
694	A62530	Num	8	A62530
695	A48763	Num	8	A48763
696	A48752	Num	8	A48752
697	A46165	Num	8	A46165
698	A15749	Num	8	A15749
699	A44620	Num	8	A44620

Num	Variable	Type	Len	Label
700	A63597	Num	8	A63597
701	A63072	Num	8	A63072
702	A36099	Num	8	A36099
703	A21133	Num	8	A21133
704	A35527	Num	8	A35527
705	A46146	Num	8	A46146
706	A48418	Num	8	A48418
707	A64579	Num	8	A64579
708	A36098	Num	8	A36098
709	A15778	Num	8	A15778
710	A35320	Num	8	A35320
711	A46111	Num	8	A46111
712	A15753	Num	8	A15753
713	A48429	Num	8	A48429
714	A36845	Num	8	A36845
715	A36103	Num	8	A36103
716	A48480	Num	8	A48480
717	A48460	Num	8	A48460
718	A63380	Num	8	A63380
719	A48761	Num	8	A48761
720	A48762	Num	8	A48762
721	A62885	Num	8	A62885
722	A64328	Num	8	A64328
723	A48459	Num	8	A48459
724	A48445	Num	8	A48445
725	A62520	Num	8	A62520
726	A63589	Num	8	A63589
727	A62310	Num	8	A62310
728	A63681	Num	8	A63681
729	A63227	Num	8	A63227
730	A48448	Num	8	A48448
731	A57585	Num	8	A57585
732	A63988	Num	8	A63988
733	A48441	Num	8	A48441
734	A63230	Num	8	A63230
735	A48698	Num	8	A48698
736	A22163	Num	8	A22163
737	A47137	Num	8	A47137
738	A45413	Num	8	A45413

Num	Variable	Type	Len	Label
739	A38314	Num	8	A38314
740	A63841	Num	8	A63841
741	A43424	Num	8	A43424
742	A35651	Num	8	A35651
743	A39603	Num	8	A39603
744	A21025	Num	8	A21025
745	A42638	Num	8	A42638
746	A57564	Num	8	A57564
747	A62071	Num	8	A62071
748	A46960	Num	8	A46960
749	A53231	Num	8	A53231
750	A20710	Num	8	A20710
751	A33173	Num	8	A33173
752	A33161	Num	8	A33161
753	A47031	Num	8	A47031
754	A45721	Num	8	A45721
755	A34365	Num	8	A34365
756	A62567	Num	8	A62567
757	A12032	Num	8	A12032
758	A15736	Num	8	A15736
759	A37475	Num	8	A37475
760	A54809	Num	8	A54809
761	A33080	Num	8	A33080
762	A53239	Num	8	A53239
763	A52357	Num	8	A52357
764	A39678	Num	8	A39678
765	A43333	Num	8	A43333
766	A38599	Num	8	A38599
767	A46331	Num	8	A46331
768	A46106	Num	8	A46106
769	A17799	Num	8	A17799
770	A38366	Num	8	A38366
771	A35661	Num	8	A35661
772	A64093	Num	8	A64093
773	A64134	Num	8	A64134
774	A21174	Num	8	A21174
775	A61844	Num	8	A61844
776	A61845	Num	8	A61845
777	A12122	Num	8	A12122

Num	Variable	Type	Len	Label
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779	A53241	Num	8	A53241
780	A64176	Num	8	A64176
781	A38655	Num	8	A38655
782	A48680	Num	8	A48680
783	A62106	Num	8	A62106
784	A52948	Num	8	A52948
785	A63738	Num	8	A63738
786	A52966	Num	8	A52966
787	A57798	Num	8	A57798
788	A57614	Num	8	A57614
789	A64067	Num	8	A64067
790	A27605	Num	8	A27605
791	A57707	Num	8	A57707
792	A57642	Num	8	A57642
793	A21320	Num	8	A21320
794	A39767	Num	8	A39767
795	A57653	Num	8	A57653
796	A53240	Num	8	A53240
797	A62474	Num	8	A62474
798	A64075	Num	8	A64075
799	A42618	Num	8	A42618
800	A54800	Num	8	A54800
801	A54792	Num	8	A54792
802	A54742	Num	8	A54742
803	A54741	Num	8	A54741
804	A64504	Num	8	A64504
805	A64061	Num	8	A64061
806	A64100	Num	8	A64100
807	A63293	Num	8	A63293
808	A63276	Num	8	A63276
809	A63287	Num	8	A63287
810	A63285	Num	8	A63285
811	A64197	Num	8	A64197
812	A63284	Num	8	A63284
813	A62970	Num	8	A62970
814	A37445	Num	8	A37445
815	A62973	Num	8	A62973
816	A62972	Num	8	A62972

Num	Variable	Type	Len	Label
817	A38658	Num	8	A38658
818	A64103	Num	8	A64103
819	A64098	Num	8	A64098
820	A64203	Num	8	A64203
821	A54749	Num	8	A54749
822	A64188	Num	8	A64188
823	A54784	Num	8	A54784
824	A42981	Num	8	A42981
825	A43009	Num	8	A43009
826	A39625	Num	8	A39625
827	A64209	Num	8	A64209
828	A54787	Num	8	A54787
829	A64102	Num	8	A64102
830	A18037	Num	8	A18037
831	A34109	Num	8	A34109
832	A34598	Num	8	A34598
833	A53256	Num	8	A53256
834	A52958	Num	8	A52958
835	A52961	Num	8	A52961
836	A52950	Num	8	A52950
837	A64201	Num	8	A64201
838	A42593	Num	8	A42593
839	A48566	Num	8	A48566
840	A42990	Num	8	A42990
841	A43335	Num	8	A43335
842	A42592	Num	8	A42592
843	A57668	Num	8	A57668
844	A42613	Num	8	A42613
845	A38600	Num	8	A38600
846	A57794	Num	8	A57794
847	A38609	Num	8	A38609
848	A57695	Num	8	A57695
849	A38595	Num	8	A38595
850	A62485	Num	8	A62485
851	A43534	Num	8	A43534
852	A38321	Num	8	A38321
853	A38619	Num	8	A38619
854	A64106	Num	8	A64106
855	A62483	Num	8	A62483

Num	Variable	Type	Len	Label
856	A63734	Num	8	A63734
857	A64107	Num	8	A64107
858	A63916	Num	8	A63916
859	A43580	Num	8	A43580
860	A43579	Num	8	A43579
861	A38306	Num	8	A38306
862	A47883	Num	8	A47883
863	A47879	Num	8	A47879
864	A41726	Num	8	A41726
865	A47881	Num	8	A47881
866	A33139	Num	8	A33139
867	A40421	Num	8	A40421
868	A52954	Num	8	A52954
869	A62882	Num	8	A62882
870	A57789	Num	8	A57789
871	A57778	Num	8	A57778
872	A57781	Num	8	A57781
873	A61832	Num	8	A61832
874	A37033	Num	8	A37033
875	A37020	Num	8	A37020
876	A37056	Num	8	A37056
877	A64132	Num	8	A64132
878	A38686	Num	8	A38686
879	A43508	Num	8	A43508
880	A54762	Num	8	A54762
881	A57641	Num	8	A57641
882	A52913	Num	8	A52913
883	A22196	Num	8	A22196
884	A2772	Num	8	A2772
885	A22290	Num	8	A22290
886	A62883	Num	8	A62883
887	A38140	Num	8	A38140
888	A57356	Num	8	A57356
889	A57807	Num	8	A57807
890	A53001	Num	8	A53001
891	A62480	Num	8	A62480
892	A62481	Num	8	A62481
893	A52358	Num	8	A52358
894	A62484	Num	8	A62484

Num	Variable	Type	Len	Label
895	A43334	Num	8	A43334
896	A61836	Num	8	A61836
897	A61848	Num	8	A61848
898	A21072	Num	8	A21072
899	A52960	Num	8	A52960
900	A62476	Num	8	A62476
901	A62479	Num	8	A62479
902	A40459	Num	8	A40459
903	A62477	Num	8	A62477
904	A64527	Num	8	A64527
905	A44619	Num	8	A44619
906	A32882	Num	8	A32882
907	A40446	Num	8	A40446
908	A21093	Num	8	A21093
909	A64122	Num	8	A64122
910	A37252	Num	8	A37252
911	A35971	Num	8	A35971
912	A27551	Num	8	A27551
913	A40461	Num	8	A40461
914	A39787	Num	8	A39787
915	A39757	Num	8	A39757
916	A64532	Num	8	A64532
917	A57691	Num	8	A57691
918	A38623	Num	8	A38623
919	A62976	Num	8	A62976
920	A64199	Num	8	A64199
921	A54745	Num	8	A54745
922	A38301	Num	8	A38301
923	A38669	Num	8	A38669
924	A43024	Num	8	A43024
925	A42021	Num	8	A42021
926	A43390	Num	8	A43390
927	A64124	Num	8	A64124
928	A39586	Num	8	A39586
929	A63042	Num	8	A63042
930	A35322	Num	8	A35322
931	A1515	Num	8	A1515
932	A40719	Num	8	A40719
933	A41397	Num	8	A41397

Num	Variable	Type	Len	Label
934	A64092	Num	8	A64092
935	A62533	Num	8	A62533
936	A21049	Num	8	A21049
937	A38276	Num	8	A38276
938	A21132	Num	8	A21132
939	A48580	Num	8	A48580
940	A43266	Num	8	A43266
941	A48141	Num	8	A48141
942	A40479	Num	8	A40479
943	A43400	Num	8	A43400
944	A62796	Num	8	A62796
945	A62863	Num	8	A62863
946	A62062	Num	8	A62062
947	A63583	Num	8	A63583
948	A62798	Num	8	A62798
949	A37181	Num	8	A37181
950	A48442	Num	8	A48442
951	A62871	Num	8	A62871
952	A31536	Num	8	A31536
953	A47136	Num	8	A47136
954	A45404	Num	8	A45404
955	A43239	Num	8	A43239
956	A48569	Num	8	A48569
957	A41494	Num	8	A41494
958	A53254	Num	8	A53254
959	A38637	Num	8	A38637
960	A48728	Num	8	A48728
961	A62524	Num	8	A62524
962	A41948	Num	8	A41948
963	A40478	Num	8	A40478
964	A37459	Num	8	A37459
965	A20699	Num	8	A20699
966	A63152	Num	8	A63152
967	A64131	Num	8	A64131
968	A48715	Num	8	A48715
969	A47114	Num	8	A47114
970	A62061	Num	8	A62061
971	A64200	Num	8	A64200
972	A64206	Num	8	A64206

Num	Variable	Type	Len	Label
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974	A62290	Num	8	A62290
975	A62291	Num	8	A62291
976	A62292	Num	8	A62292
977	A62278	Num	8	A62278
978	A33009	Num	8	A33009
979	A63359	Num	8	A63359
980	A48696	Num	8	A48696
981	A62864	Num	8	A62864
982	A46144	Num	8	A46144
983	A1584	Num	8	A1584
984	A598	Num	8	A598
985	A33935	Num	8	A33935
986	A48428	Num	8	A48428
987	A18335	Num	8	A18335
988	A62110	Num	8	A62110
989	A62111	Num	8	A62111
990	A21151	Num	8	A21151
991	A39788	Num	8	A39788
992	A34384	Num	8	A34384
993	A36649	Num	8	A36649
994	A62295	Num	8	A62295
995	A62296	Num	8	A62296
996	A62297	Num	8	A62297
997	A62299	Num	8	A62299
998	A15336	Num	8	A15336
999	A20693	Num	8	A20693
1000	A22206	Num	8	A22206
1001	A36095	Num	8	A36095
1002	A53026	Num	8	A53026
1003	A48674	Num	8	A48674
1004	A63853	Num	8	A63853
1005	A43470	Num	8	A43470
1006	A553	Num	8	A553
1007	A38662	Num	8	A38662
1008	A38661	Num	8	A38661
1009	A57782	Num	8	A57782
1010	A34404	Num	8	A34404
1011	A32391	Num	8	A32391

Num	Variable	Type	Len	Label
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1013	A34395	Num	8	A34395
1014	A34389	Num	8	A34389
1015	A34399	Num	8	A34399
1016	A32445	Num	8	A32445
1017	A34424	Num	8	A34424
1018	A34401	Num	8	A34401
1019	A34390	Num	8	A34390
1020	A569	Num	8	A569
1021	A18254	Num	8	A18254
1022	A18392	Num	8	A18392
1023	A18394	Num	8	A18394
1024	A46590	Num	8	A46590
1025	A47478	Num	8	A47478
1026	A46592	Num	8	A46592
1027	A46390	Num	8	A46390
1028	A49592	Num	8	A49592
1029	A46594	Num	8	A46594
1030	A46595	Num	8	A46595
1031	A46347	Num	8	A46347
1032	A46460	Num	8	A46460
1033	A46601	Num	8	A46601
1034	A46602	Num	8	A46602
1035	A47650	Num	8	A47650
1036	A47493	Num	8	A47493
1037	A33132	Num	8	A33132
1038	A33140	Num	8	A33140
1039	A46466	Num	8	A46466
1040	A46488	Num	8	A46488
1041	A46607	Num	8	A46607
1042	A46507	Num	8	A46507
1043	A46521	Num	8	A46521
1044	A47654	Num	8	A47654
1045	A46608	Num	8	A46608
1046	A46610	Num	8	A46610
1047	A46611	Num	8	A46611
1048	A47905	Num	8	A47905
1049	A47686	Num	8	A47686
1050	A47687	Num	8	A47687

Num	Variable	Type	Len	Label
1051	A47642	Num	8	A47642
1052	A52597	Num	8	A52597
1053	A52797	Num	8	A52797
1054	A47690	Num	8	A47690
1055	A47695	Num	8	A47695
1056	A47643	Num	8	A47643
1057	A46966	Num	8	A46966
1058	A47702	Num	8	A47702
1059	A46985	Num	8	A46985
1060	A46613	Num	8	A46613
1061	A47657	Num	8	A47657
1062	A47708	Num	8	A47708
1063	A46615	Num	8	A46615
1064	A47921	Num	8	A47921
1065	A46616	Num	8	A46616
1066	A47922	Num	8	A47922
1067	A46510	Num	8	A46510
1068	A47437	Num	8	A47437
1069	A46962	Num	8	A46962
1070	A47929	Num	8	A47929
1071	A47932	Num	8	A47932
1072	A46318	Num	8	A46318
1073	A46973	Num	8	A46973
1074	A46623	Num	8	A46623
1075	A47937	Num	8	A47937
1076	A47938	Num	8	A47938
1077	A46627	Num	8	A46627
1078	A46624	Num	8	A46624
1079	A46986	Num	8	A46986
1080	A46630	Num	8	A46630
1081	A46997	Num	8	A46997
1082	A47662	Num	8	A47662
1083	A47014	Num	8	A47014
1084	A46633	Num	8	A46633
1085	A46364	Num	8	A46364
1086	A46636	Num	8	A46636
1087	A46639	Num	8	A46639
1088	A47955	Num	8	A47955
1089	A47788	Num	8	A47788

Num	Variable	Type	Len	Label
1090	A47439	Num	8	A47439
1091	A47959	Num	8	A47959
1092	A47664	Num	8	A47664
1093	A47790	Num	8	A47790
1094	A47967	Num	8	A47967
1095	A46645	Num	8	A46645
1096	A47971	Num	8	A47971
1097	A47977	Num	8	A47977
1098	A46417	Num	8	A46417
1099	A46632	Num	8	A46632
1100	A47204	Num	8	A47204
1101	A46657	Num	8	A46657
1102	A46283	Num	8	A46283
1103	A46266	Num	8	A46266
1104	A46977	Num	8	A46977
1105	A47985	Num	8	A47985
1106	A46665	Num	8	A46665
1107	A46666	Num	8	A46666
1108	A47988	Num	8	A47988
1109	A46461	Num	8	A46461
1110	A47802	Num	8	A47802
1111	A46673	Num	8	A46673
1112	A47804	Num	8	A47804
1113	A47992	Num	8	A47992
1114	A46681	Num	8	A46681
1115	A46685	Num	8	A46685
1116	A47993	Num	8	A47993
1117	A46672	Num	8	A46672
1118	A47818	Num	8	A47818
1119	A47820	Num	8	A47820
1120	A47995	Num	8	A47995
1121	A46989	Num	8	A46989
1122	A48001	Num	8	A48001
1123	A48007	Num	8	A48007
1124	A48009	Num	8	A48009
1125	A46705	Num	8	A46705
1126	A48052	Num	8	A48052
1127	A46707	Num	8	A46707
1128	A46709	Num	8	A46709

Num	Variable	Type	Len	Label
1129	A48019	Num	8	A48019
1130	A46970	Num	8	A46970
1131	A48025	Num	8	A48025
1132	A46710	Num	8	A46710
1133	A48041	Num	8	A48041
1134	A46687	Num	8	A46687
1135	A48047	Num	8	A48047
1136	A48048	Num	8	A48048
1137	A47670	Num	8	A47670
1138	A46690	Num	8	A46690
1139	A46695	Num	8	A46695
1140	A47671	Num	8	A47671
1141	A46700	Num	8	A46700
1142	A48058	Num	8	A48058
1143	A46701	Num	8	A46701
1144	A47672	Num	8	A47672
1145	A47673	Num	8	A47673
1146	A46261	Num	8	A46261
1147	A46259	Num	8	A46259
1148	A46295	Num	8	A46295
1149	A46354	Num	8	A46354
1150	A46359	Num	8	A46359
1151	A46363	Num	8	A46363
1152	A46384	Num	8	A46384
1153	A46387	Num	8	A46387
1154	A46398	Num	8	A46398
1155	A46400	Num	8	A46400
1156	A46409	Num	8	A46409
1157	A46428	Num	8	A46428
1158	A46455	Num	8	A46455
1159	A46486	Num	8	A46486
1160	A46487	Num	8	A46487
1161	A46512	Num	8	A46512
1162	A46515	Num	8	A46515
1163	A46516	Num	8	A46516
1164	A46674	Num	8	A46674
1165	A46902	Num	8	A46902
1166	A46905	Num	8	A46905
1167	A46909	Num	8	A46909

Num	Variable	Type	Len	Label
1168	A46923	Num	8	A46923
1169	A46972	Num	8	A46972
1170	A46980	Num	8	A46980
1171	A46992	Num	8	A46992
1172	A46998	Num	8	A46998
1173	A47008	Num	8	A47008
1174	A47011	Num	8	A47011
1175	A47015	Num	8	A47015
1176	A47017	Num	8	A47017
1177	A47022	Num	8	A47022
1178	A47417	Num	8	A47417
1179	A47773	Num	8	A47773
1180	A47784	Num	8	A47784
1181	A48076	Num	8	A48076
1182	A48081	Num	8	A48081
1183	A48185	Num	8	A48185
1184	A48771	Num	8	A48771
1185	A49307	Num	8	A49307
1186	A49457	Num	8	A49457
1187	A49460	Num	8	A49460
1188	A49463	Num	8	A49463
1189	A49469	Num	8	A49469
1190	A49512	Num	8	A49512
1191	A49515	Num	8	A49515
1192	A49517	Num	8	A49517
1193	A49521	Num	8	A49521
1194	A49531	Num	8	A49531
1195	A49532	Num	8	A49532
1196	A49536	Num	8	A49536
1197	A49539	Num	8	A49539
1198	A49542	Num	8	A49542
1199	A49557	Num	8	A49557
1200	A49637	Num	8	A49637
1201	A49679	Num	8	A49679
1202	A49681	Num	8	A49681
1203	A49883	Num	8	A49883
1204	A52012	Num	8	A52012
1205	A52025	Num	8	A52025
1206	A52286	Num	8	A52286

Num	Variable	Type	Len	Label
1207	A52483	Num	8	A52483
1208	A52501	Num	8	A52501
1209	A52502	Num	8	A52502
1210	A52504	Num	8	A52504
1211	A52524	Num	8	A52524
1212	A52533	Num	8	A52533
1213	A52548	Num	8	A52548
1214	A52639	Num	8	A52639
1215	A52640	Num	8	A52640
1216	A52636	Num	8	A52636
1217	A52790	Num	8	A52790
1218	A52792	Num	8	A52792
1219	A52813	Num	8	A52813
1220	A52839	Num	8	A52839
1221	A52840	Num	8	A52840
1222	A52860	Num	8	A52860
1223	A52864	Num	8	A52864
1224	A52865	Num	8	A52865
1225	A52867	Num	8	A52867
1226	A52870	Num	8	A52870
1227	A52877	Num	8	A52877
1228	A52891	Num	8	A52891
1229	A52892	Num	8	A52892
1230	A52897	Num	8	A52897
1231	A52898	Num	8	A52898
1232	A52909	Num	8	A52909
1233	A52911	Num	8	A52911
1234	A53065	Num	8	A53065
1235	A53097	Num	8	A53097
1236	A53157	Num	8	A53157
1237	A53172	Num	8	A53172
1238	A54840	Num	8	A54840
1239	A57714	Num	8	A57714
1240	A57716	Num	8	A57716
1241	A57718	Num	8	A57718
1242	A57754	Num	8	A57754
1243	A62403	Num	8	A62403
1244	A62494	Num	8	A62494
1245	A62500	Num	8	A62500

Num	Variable	Type	Len	Label
1246	A62521	Num	8	A62521
1247	A62603	Num	8	A62603
1248	A62636	Num	8	A62636
1249	A62664	Num	8	A62664
1250	A62714	Num	8	A62714
1251	A62716	Num	8	A62716
1252	A62717	Num	8	A62717
1253	A62719	Num	8	A62719
1254	A62749	Num	8	A62749
1255	A62891	Num	8	A62891
1256	A62937	Num	8	A62937
1257	A62945	Num	8	A62945
1258	A62963	Num	8	A62963
1259	A62964	Num	8	A62964
1260	A62967	Num	8	A62967
1261	A62968	Num	8	A62968
1262	A63067	Num	8	A63067
1263	A63560	Num	8	A63560
1264	A63577	Num	8	A63577
1265	A63592	Num	8	A63592
1266	A64267	Num	8	A64267
1267	A64337	Num	8	A64337
1268	A64399	Num	8	A64399
1269	A64401	Num	8	A64401
1270	A64440	Num	8	A64440
1271	AVW	Char	1	AVW

Data Set Name: *pvd_raw_metabolites.sas7bdat*

Num	Variable	Type	Len	Label
1	sid	Char	10	Unique sample id
2	pidd	Char	6	Alternative IDs
3	sample_location	Char	17	Blood draw location of sample
4	time_point	Char	13	Time when blood draw was taken (at baseline, at peak exercise, at post exercise)
5	A63151	Num	8	A63151
6	A1585	Num	8	A1585
7	A33942	Num	8	A33942
8	A22185	Num	8	A22185
9	A52340	Num	8	A52340
10	A1126	Num	8	A1126
11	A512	Num	8	A512
12	A443	Num	8	A443
13	A62060	Num	8	A62060
14	A27718	Num	8	A27718
15	A513	Num	8	A513
16	A43802	Num	8	A43802
17	A46225	Num	8	A46225
18	A31675	Num	8	A31675
19	A40499	Num	8	A40499
20	A35665	Num	8	A35665
21	A15720	Num	8	A15720
22	A33943	Num	8	A33943
23	A42370	Num	8	A42370
24	A62101	Num	8	A62101
25	A54923	Num	8	A54923
26	A40007	Num	8	A40007
27	A22158	Num	8	A22158
28	A57	Num	8	A57
29	A33487	Num	8	A33487
30	A53	Num	8	A53
31	A42374	Num	8	A42374
32	A52281	Num	8	A52281
33	A1494	Num	8	A1494
34	A18368	Num	8	A18368
35	A35159	Num	8	A35159
36	A35637	Num	8	A35637

Num	Variable	Type	Len	Label
37	A62103	Num	8	A62103
38	A38783	Num	8	A38783
39	A27710	Num	8	A27710
40	A37076	Num	8	A37076
41	A33939	Num	8	A33939
42	A31539	Num	8	A31539
43	A3141	Num	8	A3141
44	A5086	Num	8	A5086
45	A58	Num	8	A58
46	A1516	Num	8	A1516
47	A1648	Num	8	A1648
48	A1284	Num	8	A1284
49	A48114	Num	8	A48114
50	A15681	Num	8	A15681
51	A32446	Num	8	A32446
52	A64567	Num	8	A64567
53	A32350	Num	8	A32350
54	A62946	Num	8	A62946
55	A64596	Num	8	A64596
56	A30460	Num	8	A30460
57	A61868	Num	8	A61868
58	A15677	Num	8	A15677
59	A32349	Num	8	A32349
60	A43255	Num	8	A43255
61	A43256	Num	8	A43256
62	A43488	Num	8	A43488
63	A33946	Num	8	A33946
64	A15747	Num	8	A15747
65	A43493	Num	8	A43493
66	A59	Num	8	A59
67	A40473	Num	8	A40473
68	A15716	Num	8	A15716
69	A40730	Num	8	A40730
70	A607	Num	8	A607
71	A62558	Num	8	A62558
72	A62559	Num	8	A62559
73	A62562	Num	8	A62562
74	A57547	Num	8	A57547
75	A36746	Num	8	A36746

Num	Variable	Type	Len	Label
76	A63120	Num	8	A63120
77	A45095	Num	8	A45095
78	A32397	Num	8	A32397
79	A1549	Num	8	A1549
80	A44526	Num	8	A44526
81	A15676	Num	8	A15676
82	A31940	Num	8	A31940
83	A57747	Num	8	A57747
84	A46548	Num	8	A46548
85	A22116	Num	8	A22116
86	A33967	Num	8	A33967
87	A1587	Num	8	A1587
88	A1591	Num	8	A1591
89	A62852	Num	8	A62852
90	A22132	Num	8	A22132
91	A33937	Num	8	A33937
92	A12129	Num	8	A12129
93	A35433	Num	8	A35433
94	A15765	Num	8	A15765
95	A33441	Num	8	A33441
96	A35437	Num	8	A35437
97	A1125	Num	8	A1125
98	A44656	Num	8	A44656
99	A34407	Num	8	A34407
100	A35107	Num	8	A35107
101	A60	Num	8	A60
102	A15745	Num	8	A15745
103	A53031	Num	8	A53031
104	A35428	Num	8	A35428
105	A1649	Num	8	A1649
106	A6146	Num	8	A6146
107	A15685	Num	8	A15685
108	A43231	Num	8	A43231
109	A57687	Num	8	A57687
110	A62819	Num	8	A62819
111	A63254	Num	8	A63254
112	A62954	Num	8	A62954
113	A36751	Num	8	A36751
114	A1498	Num	8	A1498

Num	Variable	Type	Len	Label
115	A62862	Num	8	A62862
116	A36752	Num	8	A36752
117	A62860	Num	8	A62860
118	A46227	Num	8	A46227
119	A44664	Num	8	A44664
120	A62959	Num	8	A62959
121	A1301	Num	8	A1301
122	A1444	Num	8	A1444
123	A62805	Num	8	A62805
124	A63739	Num	8	A63739
125	A62100	Num	8	A62100
126	A1589	Num	8	A1589
127	A48187	Num	8	A48187
128	A2829	Num	8	A2829
129	A42989	Num	8	A42989
130	A42382	Num	8	A42382
131	A39592	Num	8	A39592
132	A43378	Num	8	A43378
133	A38127	Num	8	A38127
134	A4968	Num	8	A4968
135	A15705	Num	8	A15705
136	A1868	Num	8	A1868
137	A22176	Num	8	A22176
138	A37443	Num	8	A37443
139	A56	Num	8	A56
140	A590	Num	8	A590
141	A42002	Num	8	A42002
142	A1302	Num	8	A1302
143	A44878	Num	8	A44878
144	A18374	Num	8	A18374
145	A63678	Num	8	A63678
146	A2125	Num	8	A2125
147	A62566	Num	8	A62566
148	A1432	Num	8	A1432
149	A541	Num	8	A541
150	A33950	Num	8	A33950
151	A57745	Num	8	A57745
152	A64	Num	8	A64
153	A22130	Num	8	A22130

Num	Variable	Type	Len	Label
154	A566	Num	8	A566
155	A57814	Num	8	A57814
156	A1558	Num	8	A1558
157	A1419	Num	8	A1419
158	A62309	Num	8	A62309
159	A37496	Num	8	A37496
160	A43258	Num	8	A43258
161	A485	Num	8	A485
162	A603	Num	8	A603
163	A27672	Num	8	A27672
164	A63253	Num	8	A63253
165	A52914	Num	8	A52914
166	A62503	Num	8	A62503
167	A62955	Num	8	A62955
168	A48782	Num	8	A48782
169	A48757	Num	8	A48757
170	A33959	Num	8	A33959
171	A43549	Num	8	A43549
172	A57746	Num	8	A57746
173	A38116	Num	8	A38116
174	A27513	Num	8	A27513
175	A62279	Num	8	A62279
176	A42087	Num	8	A42087
177	A34402	Num	8	A34402
178	A18349	Num	8	A18349
179	A32405	Num	8	A32405
180	A1417	Num	8	A1417
181	A15140	Num	8	A15140
182	A64568	Num	8	A64568
183	A1512	Num	8	A1512
184	A2342	Num	8	A2342
185	A54	Num	8	A54
186	A37097	Num	8	A37097
187	A15679	Num	8	A15679
188	A62564	Num	8	A62564
189	A32197	Num	8	A32197
190	A44618	Num	8	A44618
191	A12017	Num	8	A12017
192	A52932	Num	8	A52932

Num	Variable	Type	Len	Label
193	A1669	Num	8	A1669
194	A48457	Num	8	A48457
195	A32390	Num	8	A32390
196	A48433	Num	8	A48433
197	A53243	Num	8	A53243
198	A48407	Num	8	A48407
199	A48406	Num	8	A48406
200	A18280	Num	8	A18280
201	A1101	Num	8	A1101
202	A48841	Num	8	A48841
203	A52747	Num	8	A52747
204	A32553	Num	8	A32553
205	A2761	Num	8	A2761
206	A48408	Num	8	A48408
207	A1299	Num	8	A1299
208	A54910	Num	8	A54910
209	A48733	Num	8	A48733
210	A1567	Num	8	A1567
211	A55072	Num	8	A55072
212	A62853	Num	8	A62853
213	A62947	Num	8	A62947
214	A33953	Num	8	A33953
215	A48434	Num	8	A48434
216	A62707	Num	8	A62707
217	A43249	Num	8	A43249
218	A62068	Num	8	A62068
219	A37431	Num	8	A37431
220	A43591	Num	8	A43591
221	A57461	Num	8	A57461
222	A1638	Num	8	A1638
223	A2132	Num	8	A2132
224	A36808	Num	8	A36808
225	A62783	Num	8	A62783
226	A22137	Num	8	A22137
227	A22138	Num	8	A22138
228	A1493	Num	8	A1493
229	A35127	Num	8	A35127
230	A1898	Num	8	A1898
231	A32306	Num	8	A32306

Num	Variable	Type	Len	Label
232	A1670	Num	8	A1670
233	A46539	Num	8	A46539
234	A48149	Num	8	A48149
235	A32377	Num	8	A32377
236	A42420	Num	8	A42420
237	A15443	Num	8	A15443
238	A567	Num	8	A567
239	A1519	Num	8	A1519
240	A48195	Num	8	A48195
241	A27719	Num	8	A27719
242	A46142	Num	8	A46142
243	A48153	Num	8	A48153
244	A15586	Num	8	A15586
245	A44688	Num	8	A44688
246	A20675	Num	8	A20675
247	A1414	Num	8	A1414
248	A48152	Num	8	A48152
249	A1572	Num	8	A1572
250	A527	Num	8	A527
251	A22250	Num	8	A22250
252	A575	Num	8	A575
253	A48885	Num	8	A48885
254	A48255	Num	8	A48255
255	A61858	Num	8	A61858
256	A15772	Num	8	A15772
257	A27731	Num	8	A27731
258	A15581	Num	8	A15581
259	A63990	Num	8	A63990
260	A63590	Num	8	A63590
261	A63687	Num	8	A63687
262	A46957	Num	8	A46957
263	A20694	Num	8	A20694
264	A27738	Num	8	A27738
265	A32426	Num	8	A32426
266	A40173	Num	8	A40173
267	A32586	Num	8	A32586
268	A47886	Num	8	A47886
269	A43807	Num	8	A43807
270	A2137	Num	8	A2137

Num	Variable	Type	Len	Label
271	A41754	Num	8	A41754
272	A27665	Num	8	A27665
273	A40469	Num	8	A40469
274	A594	Num	8	A594
275	A33013	Num	8	A33013
276	A1899	Num	8	A1899
277	A32401	Num	8	A32401
278	A63061	Num	8	A63061
279	A1508	Num	8	A1508
280	A47666	Num	8	A47666
281	A1561	Num	8	A1561
282	A62287	Num	8	A62287
283	A62286	Num	8	A62286
284	A33418	Num	8	A33418
285	A44876	Num	8	A44876
286	A42381	Num	8	A42381
287	A52473	Num	8	A52473
288	A57591	Num	8	A57591
289	A57635	Num	8	A57635
290	A57636	Num	8	A57636
291	A57637	Num	8	A57637
292	A40807	Num	8	A40807
293	A1806	Num	8	A1806
294	A1651	Num	8	A1651
295	A31555	Num	8	A31555
296	A42109	Num	8	A42109
297	A52282	Num	8	A52282
298	A46173	Num	8	A46173
299	A528	Num	8	A528
300	A47076	Num	8	A47076
301	A1564	Num	8	A1564
302	A1643	Num	8	A1643
303	A1303	Num	8	A1303
304	A1437	Num	8	A1437
305	A37058	Num	8	A37058
306	A63251	Num	8	A63251
307	A64418	Num	8	A64418
308	A38168	Num	8	A38168
309	A37184	Num	8	A37184

Num	Variable	Type	Len	Label
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311	A37185	Num	8	A37185
312	A37187	Num	8	A37187
313	A37190	Num	8	A37190
314	A32827	Num	8	A32827
315	A37207	Num	8	A37207
316	A37209	Num	8	A37209
317	A37202	Num	8	A37202
318	A37203	Num	8	A37203
319	A37211	Num	8	A37211
320	A37210	Num	8	A37210
321	A61846	Num	8	A61846
322	A31591	Num	8	A31591
323	A32425	Num	8	A32425
324	A33973	Num	8	A33973
325	A47112	Num	8	A47112
326	A15500	Num	8	A15500
327	A36747	Num	8	A36747
328	A1712	Num	8	A1712
329	A1769	Num	8	A1769
330	A57699	Num	8	A57699
331	A64411	Num	8	A64411
332	A62793	Num	8	A62793
333	A57664	Num	8	A57664
334	A39732	Num	8	A39732
335	A39730	Num	8	A39730
336	A52608	Num	8	A52608
337	A38102	Num	8	A38102
338	A38165	Num	8	A38165
339	A38625	Num	8	A38625
340	A52988	Num	8	A52988
341	A61867	Num	8	A61867
342	A61865	Num	8	A61865
343	A53224	Num	8	A53224
344	A52990	Num	8	A52990
345	A43264	Num	8	A43264
346	A52984	Num	8	A52984
347	A63358	Num	8	A63358
348	A62557	Num	8	A62557

Num	Variable	Type	Len	Label
349	A64393	Num	8	A64393
350	A64394	Num	8	A64394
351	A61840	Num	8	A61840
352	A57513	Num	8	A57513
353	A57514	Num	8	A57514
354	A57516	Num	8	A57516
355	A57515	Num	8	A57515
356	A57512	Num	8	A57512
357	A33952	Num	8	A33952
358	A44681	Num	8	A44681
359	A34409	Num	8	A34409
360	A64389	Num	8	A64389
361	A33941	Num	8	A33941
362	A32328	Num	8	A32328
363	A34534	Num	8	A34534
364	A61775	Num	8	A61775
365	A33936	Num	8	A33936
366	A63361	Num	8	A63361
367	A61769	Num	8	A61769
368	A38178	Num	8	A38178
369	A57519	Num	8	A57519
370	A48182	Num	8	A48182
371	A57531	Num	8	A57531
372	A35160	Num	8	A35160
373	A53223	Num	8	A53223
374	A52929	Num	8	A52929
375	A63613	Num	8	A63613
376	A57517	Num	8	A57517
377	A57518	Num	8	A57518
378	A57521	Num	8	A57521
379	A57520	Num	8	A57520
380	A57523	Num	8	A57523
381	A57511	Num	8	A57511
382	A46223	Num	8	A46223
383	A32198	Num	8	A32198
384	A53261	Num	8	A53261
385	A53262	Num	8	A53262
386	A53263	Num	8	A53263
387	A53258	Num	8	A53258

Num	Variable	Type	Len	Label
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389	A53260	Num	8	A53260
390	A53257	Num	8	A53257
391	A52944	Num	8	A52944
392	A57464	Num	8	A57464
393	A62735	Num	8	A62735
394	A54907	Num	8	A54907
395	A61785	Num	8	A61785
396	A62064	Num	8	A62064
397	A32462	Num	8	A32462
398	A42092	Num	8	A42092
399	A64386	Num	8	A64386
400	A35436	Num	8	A35436
401	A63057	Num	8	A63057
402	A61798	Num	8	A61798
403	A35482	Num	8	A35482
404	A32412	Num	8	A32412
405	A31850	Num	8	A31850
406	A32452	Num	8	A32452
407	A31932	Num	8	A31932
408	A37059	Num	8	A37059
409	A43761	Num	8	A43761
410	A43343	Num	8	A43343
411	A62059	Num	8	A62059
412	A38768	Num	8	A38768
413	A38296	Num	8	A38296
414	A64390	Num	8	A64390
415	A38271	Num	8	A38271
416	A37253	Num	8	A37253
417	A63357	Num	8	A63357
418	A61871	Num	8	A61871
419	A31787	Num	8	A31787
420	A62069	Num	8	A62069
421	A62915	Num	8	A62915
422	A36749	Num	8	A36749
423	A40062	Num	8	A40062
424	A18362	Num	8	A18362
425	A63191	Num	8	A63191
426	A63685	Num	8	A63685

Num	Variable	Type	Len	Label
427	A39837	Num	8	A39837
428	A62276	Num	8	A62276
429	A32388	Num	8	A32388
430	A61864	Num	8	A61864
431	A39831	Num	8	A39831
432	A62923	Num	8	A62923
433	A396	Num	8	A396
434	A61866	Num	8	A61866
435	A35678	Num	8	A35678
436	A61862	Num	8	A61862
437	A62277	Num	8	A62277
438	A20676	Num	8	A20676
439	A61860	Num	8	A61860
440	A36754	Num	8	A36754
441	A61861	Num	8	A61861
442	A32398	Num	8	A32398
443	A15730	Num	8	A15730
444	A62918	Num	8	A62918
445	A35669	Num	8	A35669
446	A62919	Num	8	A62919
447	A38395	Num	8	A38395
448	A63109	Num	8	A63109
449	A62950	Num	8	A62950
450	A62952	Num	8	A62952
451	A38399	Num	8	A38399
452	A37752	Num	8	A37752
453	A39609	Num	8	A39609
454	A61700	Num	8	A61700
455	A42489	Num	8	A42489
456	A52916	Num	8	A52916
457	A61698	Num	8	A61698
458	A22036	Num	8	A22036
459	A35675	Num	8	A35675
460	A17945	Num	8	A17945
461	A22053	Num	8	A22053
462	A53230	Num	8	A53230
463	A32457	Num	8	A32457
464	A21158	Num	8	A21158
465	A22001	Num	8	A22001

Num	Variable	Type	Len	Label
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467	A52938	Num	8	A52938
468	A31938	Num	8	A31938
469	A47120	Num	8	A47120
470	A37073	Num	8	A37073
471	A15122	Num	8	A15122
472	A43847	Num	8	A43847
473	A37112	Num	8	A37112
474	A1124	Num	8	A1124
475	A542	Num	8	A542
476	A33963	Num	8	A33963
477	A33587	Num	8	A33587
478	A1552	Num	8	A1552
479	A33971	Num	8	A33971
480	A32418	Num	8	A32418
481	A33972	Num	8	A33972
482	A52285	Num	8	A52285
483	A33447	Num	8	A33447
484	A32980	Num	8	A32980
485	A1110	Num	8	A1110
486	A17805	Num	8	A17805
487	A35718	Num	8	A35718
488	A32415	Num	8	A32415
489	A44675	Num	8	A44675
490	A32504	Num	8	A32504
491	A37478	Num	8	A37478
492	A32417	Num	8	A32417
493	A57467	Num	8	A57467
494	A18467	Num	8	A18467
495	A57658	Num	8	A57658
496	A57652	Num	8	A57652
497	A1105	Num	8	A1105
498	A34035	Num	8	A34035
499	A57810	Num	8	A57810
500	A33969	Num	8	A33969
501	A62850	Num	8	A62850
502	A1118	Num	8	A1118
503	A1121	Num	8	A1121
504	A1365	Num	8	A1365

Num	Variable	Type	Len	Label
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506	A1336	Num	8	A1336
507	A1361	Num	8	A1361
508	A1358	Num	8	A1358
509	A54885	Num	8	A54885
510	A45970	Num	8	A45970
511	A34437	Num	8	A34437
512	A45966	Num	8	A45966
513	A63436	Num	8	A63436
514	A32497	Num	8	A32497
515	A33968	Num	8	A33968
516	A1642	Num	8	A1642
517	A32489	Num	8	A32489
518	A32492	Num	8	A32492
519	A62873	Num	8	A62873
520	A1644	Num	8	A1644
521	A1645	Num	8	A1645
522	A12035	Num	8	A12035
523	A531	Num	8	A531
524	A52235	Num	8	A52235
525	A52696	Num	8	A52696
526	A19265	Num	8	A19265
527	A15506	Num	8	A15506
528	A34396	Num	8	A34396
529	A37455	Num	8	A37455
530	A15990	Num	8	A15990
531	A1600	Num	8	A1600
532	A40406	Num	8	A40406
533	A47403	Num	8	A47403
534	A46115	Num	8	A46115
535	A32562	Num	8	A32562
536	A32619	Num	8	A32619
537	A62921	Num	8	A62921
538	A62922	Num	8	A62922
539	A38170	Num	8	A38170
540	A1563	Num	8	A1563
541	A63607	Num	8	A63607
542	A22842	Num	8	A22842
543	A62571	Num	8	A62571

Num	Variable	Type	Len	Label
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546	A52974	Num	8	A52974
547	A52983	Num	8	A52983
548	A18476	Num	8	A18476
549	A52977	Num	8	A52977
550	A33983	Num	8	A33983
551	A18494	Num	8	A18494
552	A18497	Num	8	A18497
553	A37198	Num	8	A37198
554	A37200	Num	8	A37200
555	A37196	Num	8	A37196
556	A46172	Num	8	A46172
557	A40708	Num	8	A40708
558	A48394	Num	8	A48394
559	A1114	Num	8	A1114
560	A63688	Num	8	A63688
561	A63610	Num	8	A63610
562	A32599	Num	8	A32599
563	A18477	Num	8	A18477
564	A52975	Num	8	A52975
565	A42574	Num	8	A42574
566	A31912	Num	8	A31912
567	A32620	Num	8	A32620
568	A39379	Num	8	A39379
569	A63731	Num	8	A63731
570	A34093	Num	8	A34093
571	A57577	Num	8	A57577
572	A63602	Num	8	A63602
573	A62526	Num	8	A62526
574	A62527	Num	8	A62527
575	A62890	Num	8	A62890
576	A32807	Num	8	A32807
577	A12261	Num	8	A12261
578	A62889	Num	8	A62889
579	A42603	Num	8	A42603
580	A31889	Num	8	A31889
581	A36850	Num	8	A36850
582	A39378	Num	8	A39378

Num	Variable	Type	Len	Label
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584	A1605	Num	8	A1605
585	A40605	Num	8	A40605
586	A57426	Num	8	A57426
587	A17769	Num	8	A17769
588	A52605	Num	8	A52605
589	A17747	Num	8	A17747
590	A34445	Num	8	A34445
591	A54805	Num	8	A54805
592	A36776	Num	8	A36776
593	A33997	Num	8	A33997
594	A63	Num	8	A63
595	A35324	Num	8	A35324
596	A48351	Num	8	A48351
597	A1107	Num	8	A1107
598	A3127	Num	8	A3127
599	A1123	Num	8	A1123
600	A1604	Num	8	A1604
601	A3147	Num	8	A3147
602	A15650	Num	8	A15650
603	A35157	Num	8	A35157
604	A48130	Num	8	A48130
605	A32342	Num	8	A32342
606	A35114	Num	8	A35114
607	A35137	Num	8	A35137
608	A57554	Num	8	A57554
609	A35132	Num	8	A35132
610	A35130	Num	8	A35130
611	A514	Num	8	A514
612	A573	Num	8	A573
613	A601	Num	8	A601
614	A1505	Num	8	A1505
615	A35172	Num	8	A35172
616	A1566	Num	8	A1566
617	A1418	Num	8	A1418
618	A57655	Num	8	A57655
619	A52602	Num	8	A52602
620	A62924	Num	8	A62924
621	A3155	Num	8	A3155

Num	Variable	Type	Len	Label
622	A61833	Num	8	A61833
623	A35136	Num	8	A35136
624	A37432	Num	8	A37432
625	A55	Num	8	A55
626	A33442	Num	8	A33442
627	A605	Num	8	A605
628	A606	Num	8	A606
629	A61869	Num	8	A61869
630	A64403	Num	8	A64403
631	A64404	Num	8	A64404
632	A64414	Num	8	A64414
633	A64415	Num	8	A64415
634	A64409	Num	8	A64409
635	A64407	Num	8	A64407
636	A64408	Num	8	A64408
637	A64405	Num	8	A64405
638	A64406	Num	8	A64406
639	A63615	Num	8	A63615
640	A63683	Num	8	A63683
641	A63650	Num	8	A63650
642	A61881	Num	8	A61881
643	A61887	Num	8	A61887
644	A61888	Num	8	A61888
645	A61970	Num	8	A61970
646	A61876	Num	8	A61876
647	A61905	Num	8	A61905
648	A63657	Num	8	A63657
649	A63660	Num	8	A63660
650	A63658	Num	8	A63658
651	A62145	Num	8	A62145
652	A62146	Num	8	A62146
653	A63153	Num	8	A63153
654	A63264	Num	8	A63264
655	A62733	Num	8	A62733
656	A55017	Num	8	A55017
657	A48425	Num	8	A48425
658	A52925	Num	8	A52925
659	A35126	Num	8	A35126
660	A37077	Num	8	A37077

Num	Variable	Type	Len	Label
661	A40008	Num	8	A40008
662	A40045	Num	8	A40045
663	A40703	Num	8	A40703
664	A57709	Num	8	A57709
665	A31548	Num	8	A31548
666	A57712	Num	8	A57712
667	A62813	Num	8	A62813
668	A37092	Num	8	A37092
669	A55015	Num	8	A55015
670	A37063	Num	8	A37063
671	A62104	Num	8	A62104
672	A36738	Num	8	A36738
673	A2730	Num	8	A2730
674	A33949	Num	8	A33949
675	A18245	Num	8	A18245
676	A34456	Num	8	A34456
677	A18369	Num	8	A18369
678	A44872	Num	8	A44872
679	A33422	Num	8	A33422
680	A33364	Num	8	A33364
681	A33947	Num	8	A33947
682	A2734	Num	8	A2734
683	A43829	Num	8	A43829
684	A64571	Num	8	A64571
685	A34420	Num	8	A34420
686	A33962	Num	8	A33962
687	A47101	Num	8	A47101
688	A36847	Num	8	A36847
689	A18281	Num	8	A18281
690	A64049	Num	8	A64049
691	A35635	Num	8	A35635
692	A45415	Num	8	A45415
693	A39600	Num	8	A39600
694	A62530	Num	8	A62530
695	A48763	Num	8	A48763
696	A48752	Num	8	A48752
697	A46165	Num	8	A46165
698	A15749	Num	8	A15749
699	A44620	Num	8	A44620

Num	Variable	Type	Len	Label
700	A63597	Num	8	A63597
701	A63072	Num	8	A63072
702	A36099	Num	8	A36099
703	A21133	Num	8	A21133
704	A35527	Num	8	A35527
705	A46146	Num	8	A46146
706	A48418	Num	8	A48418
707	A64579	Num	8	A64579
708	A36098	Num	8	A36098
709	A15778	Num	8	A15778
710	A35320	Num	8	A35320
711	A46111	Num	8	A46111
712	A15753	Num	8	A15753
713	A48429	Num	8	A48429
714	A36845	Num	8	A36845
715	A36103	Num	8	A36103
716	A48480	Num	8	A48480
717	A48460	Num	8	A48460
718	A63380	Num	8	A63380
719	A48761	Num	8	A48761
720	A48762	Num	8	A48762
721	A62885	Num	8	A62885
722	A64328	Num	8	A64328
723	A48459	Num	8	A48459
724	A48445	Num	8	A48445
725	A62520	Num	8	A62520
726	A63589	Num	8	A63589
727	A62310	Num	8	A62310
728	A63681	Num	8	A63681
729	A63227	Num	8	A63227
730	A48448	Num	8	A48448
731	A57585	Num	8	A57585
732	A63988	Num	8	A63988
733	A48441	Num	8	A48441
734	A63230	Num	8	A63230
735	A48698	Num	8	A48698
736	A22163	Num	8	A22163
737	A47137	Num	8	A47137
738	A45413	Num	8	A45413

Num	Variable	Type	Len	Label
739	A38314	Num	8	A38314
740	A63841	Num	8	A63841
741	A43424	Num	8	A43424
742	A35651	Num	8	A35651
743	A39603	Num	8	A39603
744	A21025	Num	8	A21025
745	A42638	Num	8	A42638
746	A57564	Num	8	A57564
747	A62071	Num	8	A62071
748	A46960	Num	8	A46960
749	A53231	Num	8	A53231
750	A20710	Num	8	A20710
751	A33173	Num	8	A33173
752	A33161	Num	8	A33161
753	A47031	Num	8	A47031
754	A45721	Num	8	A45721
755	A34365	Num	8	A34365
756	A62567	Num	8	A62567
757	A12032	Num	8	A12032
758	A15736	Num	8	A15736
759	A37475	Num	8	A37475
760	A54809	Num	8	A54809
761	A33080	Num	8	A33080
762	A53239	Num	8	A53239
763	A52357	Num	8	A52357
764	A39678	Num	8	A39678
765	A43333	Num	8	A43333
766	A38599	Num	8	A38599
767	A46331	Num	8	A46331
768	A46106	Num	8	A46106
769	A17799	Num	8	A17799
770	A38366	Num	8	A38366
771	A35661	Num	8	A35661
772	A64093	Num	8	A64093
773	A64134	Num	8	A64134
774	A21174	Num	8	A21174
775	A61844	Num	8	A61844
776	A61845	Num	8	A61845
777	A12122	Num	8	A12122

Num	Variable	Type	Len	Label
778	A33384	Num	8	A33384
779	A53241	Num	8	A53241
780	A64176	Num	8	A64176
781	A38655	Num	8	A38655
782	A48680	Num	8	A48680
783	A62106	Num	8	A62106
784	A52948	Num	8	A52948
785	A63738	Num	8	A63738
786	A52966	Num	8	A52966
787	A57798	Num	8	A57798
788	A57614	Num	8	A57614
789	A64067	Num	8	A64067
790	A27605	Num	8	A27605
791	A57707	Num	8	A57707
792	A57642	Num	8	A57642
793	A21320	Num	8	A21320
794	A39767	Num	8	A39767
795	A57653	Num	8	A57653
796	A53240	Num	8	A53240
797	A62474	Num	8	A62474
798	A64075	Num	8	A64075
799	A42618	Num	8	A42618
800	A54800	Num	8	A54800
801	A54792	Num	8	A54792
802	A54742	Num	8	A54742
803	A54741	Num	8	A54741
804	A64504	Num	8	A64504
805	A64061	Num	8	A64061
806	A64100	Num	8	A64100
807	A63293	Num	8	A63293
808	A63276	Num	8	A63276
809	A63287	Num	8	A63287
810	A63285	Num	8	A63285
811	A64197	Num	8	A64197
812	A63284	Num	8	A63284
813	A62970	Num	8	A62970
814	A37445	Num	8	A37445
815	A62973	Num	8	A62973
816	A62972	Num	8	A62972

Num	Variable	Type	Len	Label
817	A38658	Num	8	A38658
818	A64103	Num	8	A64103
819	A64098	Num	8	A64098
820	A64203	Num	8	A64203
821	A54749	Num	8	A54749
822	A64188	Num	8	A64188
823	A54784	Num	8	A54784
824	A42981	Num	8	A42981
825	A43009	Num	8	A43009
826	A39625	Num	8	A39625
827	A64209	Num	8	A64209
828	A54787	Num	8	A54787
829	A64102	Num	8	A64102
830	A18037	Num	8	A18037
831	A34109	Num	8	A34109
832	A34598	Num	8	A34598
833	A53256	Num	8	A53256
834	A52958	Num	8	A52958
835	A52961	Num	8	A52961
836	A52950	Num	8	A52950
837	A64201	Num	8	A64201
838	A42593	Num	8	A42593
839	A48566	Num	8	A48566
840	A42990	Num	8	A42990
841	A43335	Num	8	A43335
842	A42592	Num	8	A42592
843	A57668	Num	8	A57668
844	A42613	Num	8	A42613
845	A38600	Num	8	A38600
846	A57794	Num	8	A57794
847	A38609	Num	8	A38609
848	A57695	Num	8	A57695
849	A38595	Num	8	A38595
850	A62485	Num	8	A62485
851	A43534	Num	8	A43534
852	A38321	Num	8	A38321
853	A38619	Num	8	A38619
854	A64106	Num	8	A64106
855	A62483	Num	8	A62483

Num	Variable	Type	Len	Label
856	A63734	Num	8	A63734
857	A64107	Num	8	A64107
858	A63916	Num	8	A63916
859	A43580	Num	8	A43580
860	A43579	Num	8	A43579
861	A38306	Num	8	A38306
862	A47883	Num	8	A47883
863	A47879	Num	8	A47879
864	A41726	Num	8	A41726
865	A47881	Num	8	A47881
866	A33139	Num	8	A33139
867	A40421	Num	8	A40421
868	A52954	Num	8	A52954
869	A62882	Num	8	A62882
870	A57789	Num	8	A57789
871	A57778	Num	8	A57778
872	A57781	Num	8	A57781
873	A61832	Num	8	A61832
874	A37033	Num	8	A37033
875	A37020	Num	8	A37020
876	A37056	Num	8	A37056
877	A64132	Num	8	A64132
878	A38686	Num	8	A38686
879	A43508	Num	8	A43508
880	A54762	Num	8	A54762
881	A57641	Num	8	A57641
882	A52913	Num	8	A52913
883	A22196	Num	8	A22196
884	A2772	Num	8	A2772
885	A22290	Num	8	A22290
886	A62883	Num	8	A62883
887	A38140	Num	8	A38140
888	A57356	Num	8	A57356
889	A57807	Num	8	A57807
890	A53001	Num	8	A53001
891	A62480	Num	8	A62480
892	A62481	Num	8	A62481
893	A52358	Num	8	A52358
894	A62484	Num	8	A62484

Num	Variable	Type	Len	Label
895	A43334	Num	8	A43334
896	A61836	Num	8	A61836
897	A61848	Num	8	A61848
898	A21072	Num	8	A21072
899	A52960	Num	8	A52960
900	A62476	Num	8	A62476
901	A62479	Num	8	A62479
902	A40459	Num	8	A40459
903	A62477	Num	8	A62477
904	A64527	Num	8	A64527
905	A44619	Num	8	A44619
906	A32882	Num	8	A32882
907	A40446	Num	8	A40446
908	A21093	Num	8	A21093
909	A64122	Num	8	A64122
910	A37252	Num	8	A37252
911	A35971	Num	8	A35971
912	A27551	Num	8	A27551
913	A40461	Num	8	A40461
914	A39787	Num	8	A39787
915	A39757	Num	8	A39757
916	A64532	Num	8	A64532
917	A57691	Num	8	A57691
918	A38623	Num	8	A38623
919	A62976	Num	8	A62976
920	A64199	Num	8	A64199
921	A54745	Num	8	A54745
922	A38301	Num	8	A38301
923	A38669	Num	8	A38669
924	A43024	Num	8	A43024
925	A42021	Num	8	A42021
926	A43390	Num	8	A43390
927	A64124	Num	8	A64124
928	A39586	Num	8	A39586
929	A63042	Num	8	A63042
930	A35322	Num	8	A35322
931	A1515	Num	8	A1515
932	A40719	Num	8	A40719
933	A41397	Num	8	A41397

Num	Variable	Type	Len	Label
934	A64092	Num	8	A64092
935	A62533	Num	8	A62533
936	A21049	Num	8	A21049
937	A38276	Num	8	A38276
938	A21132	Num	8	A21132
939	A48580	Num	8	A48580
940	A43266	Num	8	A43266
941	A48141	Num	8	A48141
942	A40479	Num	8	A40479
943	A43400	Num	8	A43400
944	A62796	Num	8	A62796
945	A62863	Num	8	A62863
946	A62062	Num	8	A62062
947	A63583	Num	8	A63583
948	A62798	Num	8	A62798
949	A37181	Num	8	A37181
950	A48442	Num	8	A48442
951	A62871	Num	8	A62871
952	A31536	Num	8	A31536
953	A47136	Num	8	A47136
954	A45404	Num	8	A45404
955	A43239	Num	8	A43239
956	A48569	Num	8	A48569
957	A41494	Num	8	A41494
958	A53254	Num	8	A53254
959	A38637	Num	8	A38637
960	A48728	Num	8	A48728
961	A62524	Num	8	A62524
962	A41948	Num	8	A41948
963	A40478	Num	8	A40478
964	A37459	Num	8	A37459
965	A20699	Num	8	A20699
966	A63152	Num	8	A63152
967	A64131	Num	8	A64131
968	A48715	Num	8	A48715
969	A47114	Num	8	A47114
970	A62061	Num	8	A62061
971	A64200	Num	8	A64200
972	A64206	Num	8	A64206

Num	Variable	Type	Len	Label
973	A587	Num	8	A587
974	A62290	Num	8	A62290
975	A62291	Num	8	A62291
976	A62292	Num	8	A62292
977	A62278	Num	8	A62278
978	A33009	Num	8	A33009
979	A63359	Num	8	A63359
980	A48696	Num	8	A48696
981	A62864	Num	8	A62864
982	A46144	Num	8	A46144
983	A1584	Num	8	A1584
984	A598	Num	8	A598
985	A33935	Num	8	A33935
986	A48428	Num	8	A48428
987	A18335	Num	8	A18335
988	A62110	Num	8	A62110
989	A62111	Num	8	A62111
990	A21151	Num	8	A21151
991	A39788	Num	8	A39788
992	A34384	Num	8	A34384
993	A36649	Num	8	A36649
994	A62295	Num	8	A62295
995	A62296	Num	8	A62296
996	A62297	Num	8	A62297
997	A62299	Num	8	A62299
998	A15336	Num	8	A15336
999	A20693	Num	8	A20693
1000	A22206	Num	8	A22206
1001	A36095	Num	8	A36095
1002	A53026	Num	8	A53026
1003	A48674	Num	8	A48674
1004	A63853	Num	8	A63853
1005	A43470	Num	8	A43470
1006	A553	Num	8	A553
1007	A38662	Num	8	A38662
1008	A38661	Num	8	A38661
1009	A57782	Num	8	A57782
1010	A34404	Num	8	A34404
1011	A32391	Num	8	A32391

Num	Variable	Type	Len	Label
1012	A34400	Num	8	A34400
1013	A34395	Num	8	A34395
1014	A34389	Num	8	A34389
1015	A34399	Num	8	A34399
1016	A32445	Num	8	A32445
1017	A34424	Num	8	A34424
1018	A34401	Num	8	A34401
1019	A34390	Num	8	A34390
1020	A569	Num	8	A569
1021	A18254	Num	8	A18254
1022	A18392	Num	8	A18392
1023	A18394	Num	8	A18394
1024	A46590	Num	8	A46590
1025	A47478	Num	8	A47478
1026	A46592	Num	8	A46592
1027	A46390	Num	8	A46390
1028	A49592	Num	8	A49592
1029	A46594	Num	8	A46594
1030	A46595	Num	8	A46595
1031	A46347	Num	8	A46347
1032	A46460	Num	8	A46460
1033	A46601	Num	8	A46601
1034	A46602	Num	8	A46602
1035	A47650	Num	8	A47650
1036	A47493	Num	8	A47493
1037	A33132	Num	8	A33132
1038	A33140	Num	8	A33140
1039	A46466	Num	8	A46466
1040	A46488	Num	8	A46488
1041	A46607	Num	8	A46607
1042	A46507	Num	8	A46507
1043	A46521	Num	8	A46521
1044	A47654	Num	8	A47654
1045	A46608	Num	8	A46608
1046	A46610	Num	8	A46610
1047	A46611	Num	8	A46611
1048	A47905	Num	8	A47905
1049	A47686	Num	8	A47686
1050	A47687	Num	8	A47687

Num	Variable	Type	Len	Label
1051	A47642	Num	8	A47642
1052	A52597	Num	8	A52597
1053	A52797	Num	8	A52797
1054	A47690	Num	8	A47690
1055	A47695	Num	8	A47695
1056	A47643	Num	8	A47643
1057	A46966	Num	8	A46966
1058	A47702	Num	8	A47702
1059	A46985	Num	8	A46985
1060	A46613	Num	8	A46613
1061	A47657	Num	8	A47657
1062	A47708	Num	8	A47708
1063	A46615	Num	8	A46615
1064	A47921	Num	8	A47921
1065	A46616	Num	8	A46616
1066	A47922	Num	8	A47922
1067	A46510	Num	8	A46510
1068	A47437	Num	8	A47437
1069	A46962	Num	8	A46962
1070	A47929	Num	8	A47929
1071	A47932	Num	8	A47932
1072	A46318	Num	8	A46318
1073	A46973	Num	8	A46973
1074	A46623	Num	8	A46623
1075	A47937	Num	8	A47937
1076	A47938	Num	8	A47938
1077	A46627	Num	8	A46627
1078	A46624	Num	8	A46624
1079	A46986	Num	8	A46986
1080	A46630	Num	8	A46630
1081	A46997	Num	8	A46997
1082	A47662	Num	8	A47662
1083	A47014	Num	8	A47014
1084	A46633	Num	8	A46633
1085	A46364	Num	8	A46364
1086	A46636	Num	8	A46636
1087	A46639	Num	8	A46639
1088	A47955	Num	8	A47955
1089	A47788	Num	8	A47788

Num	Variable	Type	Len	Label
1090	A47439	Num	8	A47439
1091	A47959	Num	8	A47959
1092	A47664	Num	8	A47664
1093	A47790	Num	8	A47790
1094	A47967	Num	8	A47967
1095	A46645	Num	8	A46645
1096	A47971	Num	8	A47971
1097	A47977	Num	8	A47977
1098	A46417	Num	8	A46417
1099	A46632	Num	8	A46632
1100	A47204	Num	8	A47204
1101	A46657	Num	8	A46657
1102	A46283	Num	8	A46283
1103	A46266	Num	8	A46266
1104	A46977	Num	8	A46977
1105	A47985	Num	8	A47985
1106	A46665	Num	8	A46665
1107	A46666	Num	8	A46666
1108	A47988	Num	8	A47988
1109	A46461	Num	8	A46461
1110	A47802	Num	8	A47802
1111	A46673	Num	8	A46673
1112	A47804	Num	8	A47804
1113	A47992	Num	8	A47992
1114	A46681	Num	8	A46681
1115	A46685	Num	8	A46685
1116	A47993	Num	8	A47993
1117	A46672	Num	8	A46672
1118	A47818	Num	8	A47818
1119	A47820	Num	8	A47820
1120	A47995	Num	8	A47995
1121	A46989	Num	8	A46989
1122	A48001	Num	8	A48001
1123	A48007	Num	8	A48007
1124	A48009	Num	8	A48009
1125	A46705	Num	8	A46705
1126	A48052	Num	8	A48052
1127	A46707	Num	8	A46707
1128	A46709	Num	8	A46709

Num	Variable	Type	Len	Label
1129	A48019	Num	8	A48019
1130	A46970	Num	8	A46970
1131	A48025	Num	8	A48025
1132	A46710	Num	8	A46710
1133	A48041	Num	8	A48041
1134	A46687	Num	8	A46687
1135	A48047	Num	8	A48047
1136	A48048	Num	8	A48048
1137	A47670	Num	8	A47670
1138	A46690	Num	8	A46690
1139	A46695	Num	8	A46695
1140	A47671	Num	8	A47671
1141	A46700	Num	8	A46700
1142	A48058	Num	8	A48058
1143	A46701	Num	8	A46701
1144	A47672	Num	8	A47672
1145	A47673	Num	8	A47673
1146	A46261	Num	8	A46261
1147	A46259	Num	8	A46259
1148	A46295	Num	8	A46295
1149	A46354	Num	8	A46354
1150	A46359	Num	8	A46359
1151	A46363	Num	8	A46363
1152	A46384	Num	8	A46384
1153	A46387	Num	8	A46387
1154	A46398	Num	8	A46398
1155	A46400	Num	8	A46400
1156	A46409	Num	8	A46409
1157	A46428	Num	8	A46428
1158	A46455	Num	8	A46455
1159	A46486	Num	8	A46486
1160	A46487	Num	8	A46487
1161	A46512	Num	8	A46512
1162	A46515	Num	8	A46515
1163	A46516	Num	8	A46516
1164	A46674	Num	8	A46674
1165	A46902	Num	8	A46902
1166	A46905	Num	8	A46905
1167	A46909	Num	8	A46909

Num	Variable	Type	Len	Label
1168	A46923	Num	8	A46923
1169	A46972	Num	8	A46972
1170	A46980	Num	8	A46980
1171	A46992	Num	8	A46992
1172	A46998	Num	8	A46998
1173	A47008	Num	8	A47008
1174	A47011	Num	8	A47011
1175	A47015	Num	8	A47015
1176	A47017	Num	8	A47017
1177	A47022	Num	8	A47022
1178	A47417	Num	8	A47417
1179	A47773	Num	8	A47773
1180	A47784	Num	8	A47784
1181	A48076	Num	8	A48076
1182	A48081	Num	8	A48081
1183	A48185	Num	8	A48185
1184	A48771	Num	8	A48771
1185	A49307	Num	8	A49307
1186	A49457	Num	8	A49457
1187	A49460	Num	8	A49460
1188	A49463	Num	8	A49463
1189	A49469	Num	8	A49469
1190	A49512	Num	8	A49512
1191	A49515	Num	8	A49515
1192	A49517	Num	8	A49517
1193	A49521	Num	8	A49521
1194	A49531	Num	8	A49531
1195	A49532	Num	8	A49532
1196	A49536	Num	8	A49536
1197	A49539	Num	8	A49539
1198	A49542	Num	8	A49542
1199	A49557	Num	8	A49557
1200	A49637	Num	8	A49637
1201	A49679	Num	8	A49679
1202	A49681	Num	8	A49681
1203	A49883	Num	8	A49883
1204	A52012	Num	8	A52012
1205	A52025	Num	8	A52025
1206	A52286	Num	8	A52286

Num	Variable	Type	Len	Label
1207	A52483	Num	8	A52483
1208	A52501	Num	8	A52501
1209	A52502	Num	8	A52502
1210	A52504	Num	8	A52504
1211	A52524	Num	8	A52524
1212	A52533	Num	8	A52533
1213	A52548	Num	8	A52548
1214	A52639	Num	8	A52639
1215	A52640	Num	8	A52640
1216	A52636	Num	8	A52636
1217	A52790	Num	8	A52790
1218	A52792	Num	8	A52792
1219	A52813	Num	8	A52813
1220	A52839	Num	8	A52839
1221	A52840	Num	8	A52840
1222	A52860	Num	8	A52860
1223	A52864	Num	8	A52864
1224	A52865	Num	8	A52865
1225	A52867	Num	8	A52867
1226	A52870	Num	8	A52870
1227	A52877	Num	8	A52877
1228	A52891	Num	8	A52891
1229	A52892	Num	8	A52892
1230	A52897	Num	8	A52897
1231	A52898	Num	8	A52898
1232	A52909	Num	8	A52909
1233	A52911	Num	8	A52911
1234	A53065	Num	8	A53065
1235	A53097	Num	8	A53097
1236	A53157	Num	8	A53157
1237	A53172	Num	8	A53172
1238	A54840	Num	8	A54840
1239	A57714	Num	8	A57714
1240	A57716	Num	8	A57716
1241	A57718	Num	8	A57718
1242	A57754	Num	8	A57754
1243	A62403	Num	8	A62403
1244	A62494	Num	8	A62494
1245	A62500	Num	8	A62500

Num	Variable	Type	Len	Label
1246	A62521	Num	8	A62521
1247	A62603	Num	8	A62603
1248	A62636	Num	8	A62636
1249	A62664	Num	8	A62664
1250	A62714	Num	8	A62714
1251	A62716	Num	8	A62716
1252	A62717	Num	8	A62717
1253	A62719	Num	8	A62719
1254	A62749	Num	8	A62749
1255	A62891	Num	8	A62891
1256	A62937	Num	8	A62937
1257	A62945	Num	8	A62945
1258	A62963	Num	8	A62963
1259	A62964	Num	8	A62964
1260	A62967	Num	8	A62967
1261	A62968	Num	8	A62968
1262	A63067	Num	8	A63067
1263	A63560	Num	8	A63560
1264	A63577	Num	8	A63577
1265	A63592	Num	8	A63592
1266	A64267	Num	8	A64267
1267	A64337	Num	8	A64337
1268	A64399	Num	8	A64399
1269	A64401	Num	8	A64401
1270	A64440	Num	8	A64440

Data Set Name: *sample_annotation.sas7bdat*

Num	Variable	Type	Len	Label
1	sid	Char	10	Unique sample id
2	pidd	Char	6	Alternative IDs
3	sample_location	Char	17	Blood draw location of sample
4	time_point	Char	13	Time when blood draw was taken (at baseline, at peak exercise, at post exercise)
5	sample_nmiss	Num	8	Number of analytes with missing values for that sample
6	neg	Num	8	Batch Identifier - Neg
7	polar	Num	8	Batch Identifier - Polar
8	pos_early	Num	8	Batch Identifier - Pos Early
9	pos_late	Num	8	Batch Identifier - Pos Late
10	redo_volume_extracted_ul	Num	8	
11	sample_amount	Num	8	
12	sample_amount_units	Char	2	
13	vol_extracted	Num	8	