

Wave IV Biomarker Data

Title

Wave IV Biomarker Data

Wave IV Baroreceptor Sensitivity

Title

Wave IV Baroreceptor Sensitivity

Abstract

This file contains constructed measures for baroreflex sensitivity, heart rate recovery, and systolic blood pressure recovery for the Wave IV respondents.

Variables: 4

Observations: 15,701

Variables

Wave IV Baroreceptor Sensitivity

- [BRS - BAROREFLEX SENSITIVITY \(ms/mmHg\)](#)
- [PRR - PULSE RATE RECOVERY \(beats/min\)](#)
- [SBPR - SBP RECOVERY \(mmHg\)](#)

BRS - BAROREFLEX SENSITIVITY (ms/mmHg)

Type	Numeric (Double)
BRS	Baroreflex Sensitivity (ms/mmHg)

PRR - PULSE RATE RECOVERY (beats/min)

Type	Numeric (Double)
PRR	Pulse Rate Recovery (beats/min)

SBPR - SBP RECOVERY (mmHg)

Type	Numeric (Double)
SBPR	Systolic Blood Pressure Recovery (mmHg)

Logical Products

Data Layouts

Wave IV Baroreceptor Sensitivity

Wave IV Baroreceptor Sensitivity

BRS - BAROREFLEX SENSITIVITY (ms/mmHg)

Type	Numeric (Double)
BRS	Baroreflex Sensitivity (ms/mmHg)

PRR - PULSE RATE RECOVERY (beats/min)

Type	Numeric (Double)
PRR	Pulse Rate Recovery (beats/min)

SBPR - SBP RECOVERY (mmHg)

Type	Numeric (Double)
SBPR	Systolic Blood Pressure Recovery (mmHg)

Physical Instances

Wave IV Baroreceptor Sensitivity

Title	Wave IV Baroreceptor Sensitivity
File Name	brs.sas7bdat
Case Quantity	15701
Variable Count	3

BRS - BAROREFLEX SENSITIVITY (ms/mmHg)

Type	Numeric (Double)
BRS	Baroreflex Sensitivity (ms/mmHg)

			Frequency	% of total	% of valid
Missing	9	value could not be calculated - weight and/or blood pressure measures missing	1698	10.81%	
		Total	1,698	10.81%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
14003	1698	-7.198329...	7.6137174...	0.2449616...	0.8640380...

 PRR - PULSE RATE RECOVERY (beats/min)

Type	Numeric (Double)
PRR	Pulse Rate Recovery (beats/min)

			Frequency	% of total	% of valid
Missing	9	value could not be calculated - weight and/or blood pressure measures missing	1698	10.81%	
Total			1,698	10.81%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
14003	1698	-8.433631...	7.4597804...	0.6206379...	0.6265615...

 SBPR - SBP RECOVERY (mmHg)

Type	Numeric (Double)
SBPR	Systolic Blood Pressure Recovery (mmHg)

			Frequency	% of total	% of valid
Missing	9	value could not be calculated - weight and/or blood pressure measures missing	1698	10.81%	
Total			1,698	10.81%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
14003	1698	-10.64188...	6.1328034...	-1.132093...	0.9860884...

 Wave IV Consent
Title

Wave IV Consent

Abstract

This file contains variables indicating the types of consent (archive, no archive, refused, incarcerated) obtained for the Wave IV blood spot and saliva DNA collections.

Variables: 3

Observations: 15,701

Variables

Wave IV Consent

- [W4BSCON - BLOOD SPOT CONSENT-W4](#)
- [W4DNACON - SALIVA DNA CONSENT-W4](#)

W4BSCON - BLOOD SPOT CONSENT-W4

Type	Code
Measurement Unit	numeric
Description	See the Wave IV documentation file, Wave IV Data Documentation.pdf, for a copy of the consent forms.
W4BSCON	Wave IV Blood Spot Collection and Archive Consent
1	provided sample with archive consent
2	provided sample without archive consent
3	refused
4	prison, collection not allowed

W4DNACON - SALIVA DNA CONSENT-W4

Type	Code
Measurement Unit	numeric
Description	See the Wave IV documentation file, Wave IV Data Documentation.pdf, for a copy of the consent forms.
W4DNACON	Wave IV Saliva DNA Collection and Archive Consent
1	provided sample with archive consent
2	provided sample without archive consent
3	refused
4	prison, collection not allowed

Logical Products

Data Layouts

Wave IV Consent

Wave IV Consent

W4BSCON - BLOOD SPOT CONSENT-W4

Type	Code
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Measurement Unit	numeric	
Description	See the Wave IV documentation file, Wave IV Data Documentation.pdf, for a copy of the consent forms.	
W4BSCON	Wave IV Blood Spot Collection and Archive Consent	
	1	provided sample with archive consent
	2	provided sample without archive consent
	3	refused
	4	prison, collection not allowed

W4DNACON - SALIVA DNA CONSENT-W4		
Type	Code	
Measurement Unit	numeric	
Description	See the Wave IV documentation file, Wave IV Data Documentation.pdf, for a copy of the consent forms.	
W4DNACON	Wave IV Saliva DNA Collection and Archive Consent	
	1	provided sample with archive consent
	2	provided sample without archive consent
	3	refused
	4	prison, collection not allowed

Physical Instances

Wave IV Consent	
Title	Wave IV Consent
File Name	consent4.sas7bdat
Case Quantity	15701
Variable Count	2

W4BSCON - BLOOD SPOT CONSENT-W4	
Type	Code
Measurement Unit	numeric
Description	See the Wave IV documentation file, Wave IV Data Documentation.pdf, for a copy of the consent forms.
W4BSCON	Wave IV Blood Spot Collection and Archive Consent

	Frequency	% of total	% of valid
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Valid	1	provided sample with archive consent	11917	75.9%	75.9%
	2	provided sample without archive consent	2770	17.64%	17.64%
	3	refused	941	5.99%	5.99%
	4	prison, collection not allowed	73	0.46%	0.46%
		Total	15,701	100%	100%

Valid	Invalid	Minimum	Maximum
15701	0	1	4

W4DNACON - SALIVA DNA CONSENT-W4

Type	Code
Measurement Unit	numeric
Description	See the Wave IV documentation file, Wave IV Data Documentation.pdf, for a copy of the consent forms.
W4DNACON	Wave IV Saliva DNA Collection and Archive Consent

			Frequency	% of total	% of valid
Valid	1	provided sample with archive consent	12234	77.92%	77.92%
	2	provided sample without archive consent	2906	18.51%	18.51%
	3	refused	557	3.55%	3.55%
	4	prison, collection not allowed	4	0.03%	0.03%
		Total	15,701	100%	100%

Valid	Invalid	Minimum	Maximum
15701	0	1	4

Wave IV CRP-EBV

Title

Wave IV CRP-EBV

Abstract

The results of the assays for CRP (C-reactive protein) and EBV (Epstein-Barr virus) are in this data file.

Variables: 16

Observations: 15,701

Variables

 Wave IV CRP-EBV

- CRP - HIGH SENSITVITY C-RCTV PROTN (hsCRP)(MG/L)
- CRP_FLAG - hsCRP FLAG
- EBV - EPSTN BARR VIRL CAPSD ANTGN (EBV)(AU/ML)
- EBV_FLAG - EBV FLAG
- C_CRP - CLASSIFICATION OF hsCRP
- C_SUBCLN - COUNT SUBCLINICAL SYMPTOMS
- C_INFECT - COUNT INFECTIOUS/INFLAMMATORY DISEASES
- CRP_MED1 - NSAID/SALICYLATE PAST 24 HRS
- CRP_MED2 - NSAID/SALICYLATE PAST 4 WKS
- CRP_MED3 - COX-2 INHIBITOR PAST 4 WKS
- CRP_MED4 - INHALED CORTICOSTEROID PAST 4 WKS
- CRP_MED5 - CORTICOTROPIN/GLUCOCORTICOID PAST 4 WKS
- CRP_MED6 - ANTIRHEUMATIC/ANTIPSORIATIC PAST 4 WKS
- CRP_MED7 - IMMUNOSUPPRESSIVE PAST 4 WKS
- CRP_MED8 - ANTI-INFLAMMATORY MEDICATION USE

 CRP - HIGH SENSITVITY C-RCTV PROTN (hsCRP)(MG/L)

Type	Numeric (Double)
CRP	High Sensitivity C-Reactive Protein (hsCRP) (mg/L)

 CRP_FLAG - hsCRP FLAG

Type	Code
Measurement Unit	numeric
CRP_FLAG	High Sensitivity C-Reactive Protein (hsCRP) Flag
1	difference between duplicate specimens greater than expected
2	out of range high and extrapolated

 EBV - EPSTN BARR VIRL CAPSD ANTGN (EBV)(AU/ML)

Type	Numeric (Double)
EBV	Epstein-Barr Viral Capsid Antigen IgG (EBV) (AU/mL)

 EBV_FLAG - EBV FLAG

Type	Code
Measurement Unit	numeric
EBV_FLAG	Epstein-Barr Viral Capsid Antigen IgG (EBV) Flag

1	difference between duplicate specimens greater than expected
2	single specimen

C_CRP - CLASSIFICATION OF hsCRP

Type	Code
Measurement Unit	numeric
C_CRP	Classification of High Sensitivity C-Reaction Protein (hsCRP)
1	hsCRP < 1 mg/L - low
2	hsCRP 1 - 3 mg/L - average
3	hsCRP > 3 mg/L - high
8	hsCRP below the limit of detection
9	no result for hsCRP

C_SUBCLN - COUNT SUBCLINICAL SYMPTOMS

Type	Code
Measurement Unit	numeric
C_SUBCLN	Count of Common Subclinical Symptoms
0	0
1	1
2	2
3	3 or more

C_INFECT - COUNT INFECTIOUS/INFLAMMATORY DISEASES

Type	Code
Measurement Unit	numeric
C_INFECT	Count of Common Infectious or Inflammatory Diseases
0	0
1	1
2	2
3	3 or more

CRP_MED1 - NSAID/SALICYLATE PAST 24 HRS

Type	Code
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Measurement Unit	numeric
CRP_MED1	NSAID/Salicylate Medication Use in the Past 24 Hours
0	did not report taking NSAID/salicylate medications in the past 24 hours
1	reported taking NSAID/salicylate medications in the past 24 hours

CRP_MED2 - NSAID/SALICYLATE PAST 4 WKS

Type	Code
Measurement Unit	numeric
CRP_MED2	NSAID/Salicylate Medication Use in the Past 4 Weeks
0	did not report taking NSAID/salicylate medications in the past 4 weeks
1	reported taking NSAID/salicylate medications in the past 4 weeks

CRP_MED3 - COX-2 INHIBITOR PAST 4 WKS

Type	Code
Measurement Unit	numeric
CRP_MED3	COX-2 Inhibitor Medication Use in the Past 4 Weeks
0	did not report taking COX-2 Inhibitor medications in the past 4 weeks
1	reported taking COX-2 Inhibitor medications in the past 4 weeks


CRP_MED4 - INHALED CORTICOSTEROID PAST 4 WKS


Type	Code
Measurement Unit	numeric
CRP_MED4	Inhaled Corticosteroid Medication Use in the Past 4 Weeks
0	did not report taking inhaled corticosteroid medications in the past 4 weeks
1	reported taking inhaled corticosteroid medications in the past 4 weeks


CRP_MED5 - CORTICOTROPIN/GLUCOCORTICOID PAST 4 WKS

Type	Code
Measurement Unit	numeric

CRP_MED5	Corticotropin/Glucocorticoid Medication Use in the Past 4 Weeks	
0	did not report taking corticotropin/glucocorticoid medications in the past 4 weeks	
1	reported taking corticotropin/glucocorticoid medications in the past 4 weeks	

		
Type	Code	
Measurement Unit	numeric	
CRP_MED6	Antiheumatic/Antipsoriatic Medication Use in the Past 4 Weeks	
0	did not report taking antirheumatic/antipsoriatic medications in the past 4 weeks	
1	reported taking antirheumatic/antipsoriatic medications in the past 4 weeks	

		
Type	Code	
Measurement Unit	numeric	
CRP_MED7	Immunosuppressive Medication Use in the Past 4 Weeks	
0	did not report taking immunosuppressive medications in the past 4 weeks	
1	reported taking immunosuppressive medications in the past 4 weeks	

		
Type	Code	
Measurement Unit	numeric	
CRP_MED8	Anti-Inflammatory Medication Use	
0	did not report taking an anti-inflammatory medication	
1	reported taking any anti-inflammatory medication	

Logical Products

Data Layouts

Wave IV CRP-EBV

Wave IV CRP-EBV

CRP - HIGH SENSITVTY C-RCTV PROTN (hsCRP)(MG/L)

Type	Numeric (Double)
CRP	High Sensitivity C-Reactive Protein (hsCRP) (mg/L)

CRP_FLAG - hsCRP FLAG

Type	Code
Measurement Unit	numeric
CRP_FLAG	High Sensitivity C-Reactive Protein (hsCRP) Flag
1	difference between duplicate specimens greater than expected
2	out of range high and extrapolated

EBV - EPSTN BARR VIRL CAPSD ANTGN (EBV)(AU/ML)

Type	Numeric (Double)
EBV	Epstein-Barr Viral Capsid Antigen IgG (EBV) (AU/mL)

EBV_FLAG - EBV FLAG

Type	Code
Measurement Unit	numeric
EBV_FLAG	Epstein-Barr Viral Capsid Antigen IgG (EBV) Flag
1	difference between duplicate specimens greater than expected
2	single specimen

C_CRP - CLASSIFICATION OF hsCRP

Type	Code
Measurement Unit	numeric
C_CRP	Classification of High Sensitivity C-Reaction Protein (hsCRP)
1	hsCRP < 1 mg/L - low
2	hsCRP 1 - 3 mg/L - average

3	hsCRP > 3 mg/L - high
8	hsCRP below the limit of detection
9	no result for hsCRP

 C_SUBCLN - COUNT SUBCLINICAL SYMPTOMS

Type	Code
Measurement Unit	numeric
C_SUBCLN	Count of Common Subclinical Symptoms
0	0
1	1
2	2
3	3 or more

 C_INFECT - COUNT INFECTIOUS/INFLAMMATORY DISEASES

Type	Code
Measurement Unit	numeric
C_INFECT	Count of Common Infectious or Inflammatory Diseases
0	0
1	1
2	2
3	3 or more

 CRP_MED1 - NSAID/SALICYLATE PAST 24 HRS

Type	Code
Measurement Unit	numeric
CRP_MED1	NSAID/Salicylate Medication Use in the Past 24 Hours
0	did not report taking NSAID/salicylate medications in the past 24 hours
1	reported taking NSAID/salicylate medications in the past 24 hours

 CRP_MED2 - NSAID/SALICYLATE PAST 4 WKS

Type	Code
Measurement Unit	numeric
CRP_MED2	NSAID/Salicylate Medication Use in the Past 4 Weeks

0	did not report taking NSAID/salicylate medications in the past 4 weeks
1	reported taking NSAID/salicylate medications in the past 4 weeks



Type	Code
Measurement Unit	numeric
CRP_MED3	COX-2 Inhibitor Medication Use in the Past 4 Weeks
0	did not report taking COX-2 Inhibitor medications in the past 4 weeks
1	reported taking COX-2 Inhibitor medications in the past 4 weeks



Type	Code
Measurement Unit	numeric
CRP_MED4	Inhaled Corticosteroid Medication Use in the Past 4 Weeks
0	did not report taking inhaled corticosteroid medications in the past 4 weeks
1	reported taking inhaled corticosteroid medications in the past 4 weeks



Type	Code
Measurement Unit	numeric
CRP_MED5	Corticotropin/Gluocorticoid Medication Use in the Past 4 Weeks
0	did not report taking corticotropin/gluocorticoid medications in the past 4 weeks
1	reported taking corticotropin/gluocorticoid medications in the past 4 weeks



Type	Code
Measurement Unit	numeric
CRP_MED6	Antiheumatic/Antipsoriatic Medication Use in the Past 4 Weeks

0	did not report taking antirheumatic/antipsoriatic medications in the past 4 weeks
1	reported taking antirheumatic/antipsoriatic medications in the past 4 weeks



Type	Code
Measurement Unit	numeric
CRP_MED7	Immunosuppressive Medication Use in the Past 4 Weeks
0	did not report taking immunosuppressive medications in the past 4 weeks
1	reported taking immunosuppressive medications in the past 4 weeks



Type	Code
Measurement Unit	numeric
CRP_MED8	Anti-Inflammatory Medication Use
0	did not report taking an anti-inflammatory medication
1	reported taking any anti-inflammatory medication

Physical Instances



Title	Wave IV CRP-EBV
File Name	crp_ebv.sas7bdat
Case Quantity	15701
Variable Count	15



Type	Numeric (Double)
CRP	High Sensitivity C-Reactive Protein (hsCRP) (mg/L)

	Frequency	% of total	% of valid
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Missing	.	no sample available for hsCRP testing	1240	7.9%	
	998	hsCRP below the limit of detection	94	0.6%	
	999	no result for hsCRP	400	2.55%	
		Total	1,734	11.04%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
13967	1734	0.082	205.006	4.9392720...	8.5922225...

Type	Code
Measurement Unit	numeric
CRP_FLAG	High Sensitivity C-Reactive Protein (hsCRP) Flag

			Frequency	% of total	% of valid
Valid	1	difference between duplicate specimens greater than expected	11	0.07%	91.67%
	2	out of range high and extrapolated	1	0.01%	8.33%
		Total	12	0.08%	100%
Missing	.	sample not flagged or no sample	15689	99.92%	
		Total	15,689	99.92%	

Valid	Invalid	Minimum	Maximum
12	15689	1	2

Type	Numeric (Double)
EBV	Epstein-Barr Viral Capsid Antigen IgG (EBV) (AU/mL)

			Frequency	% of total	% of valid
Missing	.	no sample available for EBV testing	1240	7.9%	
	9998	EBV below the limit of detection	6	0.04%	
	9999	no result for EBV	415	2.64%	
		Total	1,661	10.58%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
14040	1661	25	1311	152.80790...	101.74083...

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Type	Code
Measurement Unit	numeric
EBV_FLAG	Epstein-Barr Viral Capsid Antigen IgG (EBV) Flag

			Frequency	% of total	% of valid
Valid	1	difference between duplicate specimens greater than expected	1	0.01%	50%
	2	single specimen	1	0.01%	50%
		Total	2	0.01%	100%
Missing	.	sample not flagged or no sample	15699	99.99%	
			Total	15,699	99.99%

Valid	Invalid	Minimum	Maximum
2	15699	1	2

C_CRP - CLASSIFICATION OF hsCRP

Type	Code
Measurement Unit	numeric
C_CRP	Classification of High Sensitivity C-Reaction Protein (hsCRP)

			Frequency	% of total	% of valid
Valid	1	hsCRP < 1 mg/L - low	4305	27.42%	29.77%
	2	hsCRP 1 - 3 mg/L - average	3985	25.38%	27.56%
	3	hsCRP > 3 mg/L - high	5677	36.16%	39.26%
	8	hsCRP below the limit of detection	94	0.6%	0.65%
	9	no result for hsCRP	400	2.55%	2.77%
		Total	14,461	92.1%	100%
Missing	.	no sample available for hsCRP testing	1240	7.9%	
			Total	1,240	7.9%

Valid	Invalid	Minimum	Maximum
14461	1240	1	9

C_SUBCLN - COUNT SUBCLINICAL SYMPTOMS

Type	Code
Measurement Unit	numeric
C_SUBCLN	Count of Common Subclinical Symptoms

			Frequency	% of total	% of valid
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Valid	0	0	10381	66.12%	66.12%
	1	1	4039	25.72%	25.72%
	2	2	792	5.04%	5.04%
	3	3 or more	488	3.11%	3.11%
		Total	15,701	100%	100%
Missing	6	refused	1	0.01%	
		Total	0	0%	

Valid	Invalid	Minimum	Maximum
15701	0	0	6

C_INFECT - COUNT INFECTIOUS/INFLAMMATORY DISEASES

Type	Code
Measurement Unit	numeric
C_INFECT	Count of Common Infectious or Inflammatory Diseases

			Frequency	% of total	% of valid
Valid	0	0	10230	65.16%	65.16%
	1	1	4277	27.24%	27.24%
	2	2	1020	6.5%	6.5%
	3	3 or more	173	1.1%	1.1%
		Total	15,701	100%	100%
Missing	6	refused	1	0.01%	
		Total	0	0%	

Valid	Invalid	Minimum	Maximum
15701	0	0	6

CRP_MED1 - NSAID/SALICYLATE PAST 24 HRS

Type	Code
Measurement Unit	numeric
CRP_MED1	NSAID/Salicylate Medication Use in the Past 24 Hours

			Frequency	% of total	% of valid
Valid	0	did not report taking NSAID/salicylate medications in the past 24 hours	11374	72.44%	72.44%
	1	reported taking NSAID/salicylate medications in the past 24 hours	4327	27.56%	27.56%
		Total	15,701	100%	100%

Valid	Invalid	Minimum	Maximum

15701	0	0	1
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Type	Code
Measurement Unit	numeric
CRP_MED2	NSAID/Salicylate Medication Use in the Past 4 Weeks

			Frequency	% of total	% of valid
Valid	0	did not report taking NSAID/salicylate medications in the past 4 weeks	15269	97.25%	97.25%
	1	reported taking NSAID/salicylate medications in the past 4 weeks	432	2.75%	2.75%
Total			15,701	100%	100%

Valid	Invalid	Minimum	Maximum
15701	0	0	1

Type	Code
Measurement Unit	numeric
CRP_MED3	COX-2 Inhibitor Medication Use in the Past 4 Weeks

			Frequency	% of total	% of valid
Valid	0	did not report taking COX-2 Inhibitor medications in the past 4 weeks	15681	99.87%	99.87%
	1	reported taking COX-2 Inhibitor medications in the past 4 weeks	20	0.13%	0.13%
Total			15,701	100%	100%

Valid	Invalid	Minimum	Maximum
15701	0	0	1

Type	Code
Measurement Unit	numeric
CRP_MED4	Inhaled Corticosteroid Medication Use in the Past 4 Weeks

			Frequency	% of total	% of valid
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Valid	0	did not report taking inhaled corticosteroid medications in the past 4 weeks	15642	99.62%	99.62%
	1	reported taking inhaled corticosteroid medications in the past 4 weeks	59	0.38%	0.38%
		Total	15,701	100%	100%

Valid	Invalid	Minimum	Maximum
15701	0	0	1

CRP_MED5 - CORTICOTROPIN/GLUCOCORTICOID PAST 4 WKS

Type	Code
Measurement Unit	numeric
CRP_MED5	Corticotropin/Glucocorticoid Medication Use in the Past 4 Weeks

			Frequency	% of total	% of valid
Valid	0	did not report taking corticotropin/glucocorticoid medications in the past 4 weeks	15568	99.15%	99.15%
	1	reported taking corticotropin/glucocorticoid medications in the past 4 weeks	133	0.85%	0.85%
		Total	15,701	100%	100%

Valid	Invalid	Minimum	Maximum
15701	0	0	1

CRP_MED6 - ANTIRHEUMATIC/ANTIPSORIATIC PAST 4 WKS

Type	Code
Measurement Unit	numeric
CRP_MED6	Antiheumatic/Antipsoriatic Medication Use in the Past 4 Weeks

			Frequency	% of total	% of valid
Valid	0	did not report taking antirheumatic/antipsoriatic medications in the past 4 weeks	15654	99.7%	99.7%
	1	reported taking antirheumatic/antipsoriatic medications in the past 4 weeks	47	0.3%	0.3%
		Total	15,701	100%	100%

Valid	Invalid	Minimum	Maximum
15701	0	0	1



Type	Code
Measurement Unit	numeric
CRP_MED7	Immunosuppressive Medication Use in the Past 4 Weeks

			Frequency	% of total	% of valid
Valid	0	did not report taking immunosuppressive medications in the past 4 weeks	15675	99.83%	99.83%
	1	reported taking immunosuppressive medications in the past 4 weeks	26	0.17%	0.17%
Total			15,701	100%	100%

Valid	Invalid	Minimum	Maximum
15701	0	0	1



Type	Code
Measurement Unit	numeric
CRP_MED8	Anti-Inflammatory Medication Use

			Frequency	% of total	% of valid
Valid	0	did not report taking an anti-inflammatory medication	11108	70.75%	70.75%
	1	reported taking any anti-inflammatory medication	4593	29.25%	29.25%
Total			15,701	100%	100%

Valid	Invalid	Minimum	Maximum
15701	0	0	1


Title

Wave IV Glucose - HbA1c

Abstract

This file contains two measures of glucose homeostasis based on the assay of the Wave IV dried blood spots.

Variables: 10

Observations: 15,701

Variables

 Wave IV Glucose - HbA1c

- [GLUCOSE - GLUCOSE \(MG/DL\)](#)
- [HBA1C - HEMOGLOBIN A1c \(%\)](#)
- [CONVERT - HbA1c INTER-CONVERSION FLAG](#)
- [FASTTIME - HOURS SINCE LAST ATE](#)
- [C_FGLU - CLASSIFICATION OF FASTING GLUCOSE](#)
- [C_NFGLU - CLASSIFICATION OF NON-FASTING GLUCOSE](#)
- [C_HBA1C - CLASSIFICATION OF HbA1c](#)
- [C_MED - ANTI-DIABETIC MEDICATION USE](#)
- [C_JOINT - DIABETES JOINT CLASSIFICATION](#)

 GLUCOSE - GLUCOSE (MG/DL)

Type	Numeric (Double)
GLUCOSE	Glucose (mg/dL)

 HBA1C - HEMOGLOBIN A1c (%)

Type	Numeric (Double)
HBA1C	Hemoglobin A1c (%)

 CONVERT - HbA1c INTER-CONVERSION FLAG

Type	Code
Measurement Unit	numeric
CONVERT	Flag Indicating Inter-Conversion of HbA1c
0	no conversion
1	converted Flexsite 2 to Flexsite 1
2	converted Biosafe to Flexsite 2 to Flexsite 1
9	no result for HbA1c

 FASTTIME - HOURS SINCE LAST ATE

Type	Numeric (Double)
FASTTIME	Hours Since Last Ate

 C_FGLU - CLASSIFICATION OF FASTING GLUCOSE

Type	Code
Measurement Unit	numeric

C_FGLU		Classification of Fasting Glucose
1	glucose less than or equal to 99 mg/dl	
2	glucose 100-125 mg/dl (impaired fasting glucose (IFG)/pre-diabetes)	
3	glucose greater than or equal to 126 mg/dl (diabetes)	
4	non-fasting	
5	fasting status unknown	
9	no result for glucose	

C_NFGLU - CLASSIFICATION OF NON-FASTING GLUCOSE

Type	Code
Measurement Unit	numeric
C_NFGLU	
Classification of Non-Fasting Glucose	
1	glucose less than or equal to 199 mg/dl
2	glucose greater than or equal to 200 mg/dl (diabetes)
3	fasting
4	fasting status unknown
9	no result for glucose

C_HBA1C - CLASSIFICATION OF HbA1c

Type	Code
Measurement Unit	numeric
C_HBA1C	
Classification of HbA1c	
1	HbA1c(%) less than or equal to 5.6
2	HbA1c(%) 5.7-6.4 (pre-diabetes)
3	HbA1c(%) greater than or equal to 6.5 (diabetes)
9	no result for HbA1c

C_MED - ANTI-DIABETIC MEDICATION USE

Type	Code
Measurement Unit	numeric
C_MED	
Anti-Diabetic Medication Use	

0	did not report taking anti-diabetic medication
1	reported taking anti-diabetic medication

C_JOINT - DIABETES JOINT CLASSIFICATION

Type	Code
Measurement Unit	numeric
C_JOINT	Joint Classification of Glucose, HbA1c, Self-Reported History of Diabetes, and Anti-Diabetic Medication Use
0	no evidence of diabetes
1	evidence of diabetes

Logical Products

Data Layouts

Wave IV Glucose - HbA1c

Wave IV Glucose - HbA1c

GLUCOSE - GLUCOSE (MG/DL)

Type	Numeric (Double)
GLUCOSE	Glucose (mg/dL)

HBA1C - HEMOGLOBIN A1c (%)

Type	Numeric (Double)
HBA1C	Hemoglobin A1c (%)

CONVERT - HbA1c INTER-CONVERSION FLAG

Type	Code
Measurement Unit	numeric
CONVERT	Flag Indicating Inter-Conversion of HbA1c
0	no conversion
1	converted Flexsite 2 to Flexsite 1
2	converted Biosafe to Flexsite 2 to Flexsite 1
9	no result for HbA1c

FASTTIME - HOURS SINCE LAST ATE

Type	Numeric (Double)
FASTTIME	Hours Since Last Ate

 C_FGLU - CLASSIFICATION OF FASTING GLUCOSE

Type	Code
Measurement Unit	numeric
C_FGLU	Classification of Fasting Glucose
1	glucose less than or equal to 99 mg/dl
2	glucose 100-125 mg/dl (impaired fasting glucose (IFG)/pre-diabetes)
3	glucose greater than or equal to 126 mg/dl (diabetes)
4	non-fasting
5	fasting status unknown
9	no result for glucose

 C_NFGLU - CLASSIFICATION OF NON-FASTING GLUCOSE


Type	Code
Measurement Unit	numeric
C_NFGLU	Classification of Non-Fasting Glucose
1	glucose less than or equal to 199 mg/dl
2	glucose greater than or equal to 200 mg/dl (diabetes)
3	fasting
4	fasting status unknown
9	no result for glucose

 C_HBA1C - CLASSIFICATION OF HbA1c

Type	Code
Measurement Unit	numeric
C_HBA1C	Classification of HbA1c
1	HbA1c(%) less than or equal to 5.6
2	HbA1c(%) 5.7-6.4 (pre-diabetes)
3	HbA1c(%) greater than or equal to 6.5 (diabetes)
9	no result for HbA1c


 C_MED - ANTI-DIABETIC MEDICATION USE

Type	Code
Measurement Unit	numeric
C_MED	Anti-Diabetic Medication Use
0	did not report taking anti-diabetic medication
1	reported taking anti-diabetic medication

 C_JOINT - DIABETES JOINT CLASSIFICATION

Type	Code
Measurement Unit	numeric
C_JOINT	Joint Classification of Glucose, HbA1c, Self-Reported History of Diabetes, and Anti-Diabetic Medication Use
0	no evidence of diabetes
1	evidence of diabetes

Physical Instances

 Wave IV Glucose - HbA1c

Title	Wave IV Glucose - HbA1c
File Name	glu_a1c.sas7bdat
Case Quantity	15701
Variable Count	9

 GLUCOSE - GLUCOSE (MG/DL)

Type	Numeric (Double)
GLUCOSE	Glucose (mg/dL)

			Frequency	% of total	% of valid
Missing	.	missing	1241	7.9%	
	999	no result for glucose	504	3.21%	
Total			1,745	11.11%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
13956	1745	36	777	107.39810...	33.074587...

 HBA1C - HEMOGLOBIN A1c (%)

Type	Numeric (Double)
HBA1C	Hemoglobin A1c (%)

			Frequency	% of total	% of valid
--	--	--	-----------	------------	------------

Missing	.	missing	1300	8.28%	
	99	no result for HbA1c	71	0.45%	
		Total	1,371	8.73%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
14330	1371	3.8	23.1	5.6179064...	0.8199440...

CONVERT - HbA1c INTER-CONVERSION FLAG

Type	Code
Measurement Unit	numeric
CONVERT	Flag Indicating Inter-Conversion of HbA1c

			Frequency	% of total	% of valid
Valid	0	no conversion	14148	90.11%	98.24%
	1	converted Flexsite 2 to Flexsite 1	129	0.82%	0.9%
	2	converted Biosafe to Flexsite 2 to Flexsite 1	53	0.34%	0.37%
	9	no result for HbA1c	71	0.45%	0.49%
		Total	14,401	91.72%	100%
Missing	.	missing	1300	8.28%	
		Total	1,300	8.28%	

Valid	Invalid	Minimum	Maximum
14401	1300	0	9

FASTTIME - HOURS SINCE LAST ATE

Type	Numeric (Double)
FASTTIME	Hours Since Last Ate

			Frequency	% of total	% of valid
Missing	.	missing	141	0.9%	
		Total	141	0.9%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
15560	141	0	23.9	4.9248521...	4.8772170...

C_FGLU - CLASSIFICATION OF FASTING GLUCOSE

Type	Code
Measurement Unit	numeric
C_FGLU	Classification of Fasting Glucose

			Frequency	% of total	% of valid
--	--	--	-----------	------------	------------

Valid	1	glucose less than or equal to 99 mg/dl	1039	6.62%	7.19%
	2	glucose 100-125 mg/dl (impaired fasting glucose (IFG)/pre-diabetes)	1116	7.11%	7.72%
	3	glucose greater than or equal to 126 mg/dl (diabetes)	233	1.48%	1.61%
	4	non-fasting	11449	72.92%	79.18%
	5	fasting status unknown	119	0.76%	0.82%
	9	no result for glucose	504	3.21%	3.49%
		Total	14,460	92.1%	100%
Missing	.	missing	1241	7.9%	
		Total	1,241	7.9%	

Valid	Invalid	Minimum	Maximum
14460	1241	1	9

C_NFGLU - CLASSIFICATION OF NON-FASTING GLUCOSE

Type	Code
Measurement Unit	numeric
C_NFGLU	Classification of Non-Fasting Glucose

			Frequency	% of total	% of valid
Valid	1	glucose less than or equal to 199 mg/dl	11321	72.1%	78.29%
	2	glucose greater than or equal to 200 mg/dl (diabetes)	128	0.82%	0.89%
	3	fasting	2388	15.21%	16.51%
	4	fasting status unknown	119	0.76%	0.82%
	9	no result for glucose	504	3.21%	3.49%
		Total	14,460	92.1%	100%
Missing	.	missing	1241	7.9%	
		Total	1,241	7.9%	

Valid	Invalid	Minimum	Maximum
14460	1241	1	9

C_HBA1C - CLASSIFICATION OF HbA1c

Type	Code
Measurement Unit	numeric
C_HBA1C	Classification of HbA1c

	Frequency	% of total	% of valid
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Valid	1	HbA1c(%) less than or equal to 5.6	9503	60.52%	65.99%
	2	HbA1c(%) 5.7-6.4 (pre-diabetes)	4184	26.65%	29.05%
	3	HbA1c(%) greater than or equal to 6.5 (diabetes)	643	4.1%	4.46%
	9	no result for HbA1c	71	0.45%	0.49%
		Total	14,401	91.72%	100%
Missing	.	missing	1300	8.28%	
		Total	1,300	8.28%	

Valid	Invalid	Minimum	Maximum
14401	1300	1	9

C_MED - ANTI-DIABETIC MEDICATION USE

Type	Code
Measurement Unit	numeric
C_MED	Anti-Diabetic Medication Use

			Frequency	% of total	% of valid
Valid	0	did not report taking anti-diabetic medication	15478	98.58%	98.58%
	1	reported taking anti-diabetic medication	223	1.42%	1.42%
		Total	15,701	100%	100%

Valid	Invalid	Minimum	Maximum
15701	0	0	1

C_JOINT - DIABETES JOINT CLASSIFICATION

Type	Code
Measurement Unit	numeric
C_JOINT	Joint Classification of Glucose, HbA1c, Self-Reported History of Diabetes, and Anti-Diabetic Medication Use

			Frequency	% of total	% of valid
Valid	0	no evidence of diabetes	14599	92.98%	92.98%
	1	evidence of diabetes	1102	7.02%	7.02%
		Total	15,701	100%	100%

Valid	Invalid	Minimum	Maximum
15701	0	0	1

Wave IV Lipids

Title

Wave IV Lipids

Abstract

This file contains constructed measures designed to facilitate analysis and interpretation of lipids results.

Variables: 4

Observations: 15,701

Variables

Wave IV Lipids

- [TG - TG DECILE](#)
- [TG_FLG - TG MEASUREMENT METHOD](#)
- [TC - TC DECILE](#)
- [TC_FLG - TC MEASUREMENT METHOD](#)
- [HDL - HDL-C DECILE](#)
- [HDL_FLG - HDL-C MEASUREMENT METHOD](#)
- [LDL - LDL-C DECILE](#)
- [NON_HDL - NON-HDL-C DECILE](#)
- [TC_HDL - TC:HDL-C DECILE](#)
- [C_MED2 - ANTIHYPERLIPIDEMIC MEDICATION USE](#)
- [C_JOINT2 - HYPERLIPIDEMIA JOINT CLASSIFICATION](#)
- [FASTTIME - HOURS SINCE LAST ATE](#)
- [FAST_LIP - FASTED FOR NINE HOURS OR MORE](#)

TG - TG DECILE

Type	Code
Measurement Unit	numeric
TG	Triglycerides (TG) Decile
1	first decile
2	second decile
3	third decile
4	fourth decile
5	fifth decile

6	sixth decile
7	seventh decile
8	eighth decile
9	ninth decile
10	tenth decile

TG_FLG - TG MEASUREMENT METHOD

Type	Code
Measurement Unit	numeric
TG_FLG	Triglycerides (TG) Measurement Method
1	imputed
2	assayed
9	no result for Triglycerides (TG)

TC - TC DECILE

Type	Code
Measurement Unit	numeric
TC	Total Cholesterol (TC) Decile
1	first decile
2	second decile
3	third decile
4	fourth decile
5	fifth decile
6	sixth decile
7	seventh decile
8	eighth decile
9	ninth decile
10	tenth decile

TC_FLG - TC MEASUREMENT METHOD

Type	Code
Measurement Unit	numeric
TC_FLG	Total Cholesterol (TC) Measurement Method

1	imputed
2	assayed
9	no result for Total Cholesterol (TC)

HDL - HDL-C DECILE

Type	Code
Measurement Unit	numeric
HDL	High-Density Lipoprotein Cholesterol (HDL-C) Decile
1	first decile
2	second decile
3	third decile
4	fourth decile
5	fifth decile
6	sixth decile
7	seventh decile
8	eighth decile
9	ninth decile
10	tenth decile

HDL_FLG - HDL-C MEASUREMENT METHOD

Type	Code
Measurement Unit	numeric
HDL_FLG	High-Density Lipoprotein Cholesterol (HDL-C) Measurement Method
1	imputed
2	assayed
9	no result for High-Density Lipoprotein Cholesterol (HDL-C)

LDL - LDL-C DECILE

Type	Code
Measurement Unit	numeric
LDL	Low-Density Lipoprotein Cholesterol (LDL-C) Decile
1	first decile
2	second decile

3	third decile
4	fourth decile
5	fifth decile
6	sixth decile
7	seventh decile
8	eighth decile
9	ninth decile
10	tenth decile

NON_HDL - NON-HDL-C DECILE

Type	Code
Measurement Unit	numeric
NON_HDL	Non-High-Density Lipoprotein Cholesterol (non-HDL-C) Decile
1	first decile
2	second decile
3	third decile
4	fourth decile
5	fifth decile
6	sixth decile
7	seventh decile
8	eighth decile
9	ninth decile
10	tenth decile

TC_HDL - TC:HDL-C DECILE

Type	Code
Measurement Unit	numeric
TC_HDL	Total Cholesterol to High-Density Lipoprotein Cholesterol Ratio (TC:HDL-C) Decile
1	first decile
2	second decile
3	third decile
4	fourth decile

5	fifth decile
6	sixth decile
7	seventh decile
8	eighth decile
9	ninth decile
10	tenth decile

C_MED2 - ANTIHYPERLIPIDEMIC MEDICATION USE

Type	Code
Measurement Unit	numeric
C_MED2	Antihyperlipidemic Medication Use
0	did not report taking antihyperlipidemic medication
1	reported taking antihyperlipidemic medication

C_JOINT2 - HYPERLIPIDEMIA JOINT CLASSIFICATION

Type	Code
Measurement Unit	numeric
C_JOINT2	Joint Classification of Self-Reported History of Hyperlipidemia and Antihyperlipidemic Medication Use
0	no evidence of hyperlipidemia
1	evidence of hyperlipidemia

FASTTIME - HOURS SINCE LAST ATE

Type	Numeric (Double)
FASTTIME	Hours Since Last Ate

FAST_LIP - FASTED FOR NINE HOURS OR MORE

Type	Code
Measurement Unit	numeric
FAST_LIP	Fasted for Nine Hours or More
0	fasted for less than nine hours
1	fasted for nine hours or more

Logical Products

Data Layouts

Wave IV Lipids

Wave IV Lipids

TG - TG DECILE

Type	Code
Measurement Unit	numeric
TG	Triglycerides (TG) Decile
1	first decile
2	second decile
3	third decile
4	fourth decile
5	fifth decile
6	sixth decile
7	seventh decile
8	eighth decile
9	ninth decile
10	tenth decile

TG_FLG - TG MEASUREMENT METHOD

Type	Code
Measurement Unit	numeric
TG_FLG	Triglycerides (TG) Measurement Method
1	imputed
2	assayed
9	no result for Triglycerides (TG)

TC - TC DECILE

Type	Code
Measurement Unit	numeric
TC	Total Cholesterol (TC) Decile
1	first decile

2	second decile
3	third decile
4	fourth decile
5	fifth decile
6	sixth decile
7	seventh decile
8	eighth decile
9	ninth decile
10	tenth decile



Type	Code
Measurement Unit	numeric
TC_FLG	Total Cholesterol (TC) Measurement Method
1	imputed
2	assayed
9	no result for Total Cholesterol (TC)



Type	Code
Measurement Unit	numeric
HDL	High-Density Lipoprotein Cholesterol (HDL-C) Decile
1	first decile
2	second decile
3	third decile
4	fourth decile
5	fifth decile
6	sixth decile
7	seventh decile
8	eighth decile
9	ninth decile
10	tenth decile

 HDL_FLG - HDL-C MEASUREMENT METHOD

Type	Code
Measurement Unit	numeric
HDL_FLG	High-Density Lipoprotein Cholesterol (HDL-C) Measurement Method
1	imputed
2	assayed
9	no result for High-Density Lipoprotein Cholesterol (HDL-C)

 LDL - LDL-C DECILE

Type	Code
Measurement Unit	numeric
LDL	Low-Density Lipoprotein Cholesterol (LDL-C) Decile
1	first decile
2	second decile
3	third decile
4	fourth decile
5	fifth decile
6	sixth decile
7	seventh decile
8	eighth decile
9	ninth decile
10	tenth decile

 NON_HDL - NON-HDL-C DECILE

Type	Code
Measurement Unit	numeric
NON_HDL	Non-High-Density Lipoprotein Cholesterol (non-HDL-C) Decile
1	first decile
2	second decile
3	third decile
4	fourth decile
5	fifth decile

6	sixth decile
7	seventh decile
8	eighth decile
9	ninth decile
10	tenth decile

 TC_HDL - TC:HDL-C DECILE

Type	Code
Measurement Unit	numeric
TC_HDL	Total Cholesterol to High-Density Lipoprotein Cholesterol Ratio (TC:HDL-C) Decile
1	first decile
2	second decile
3	third decile
4	fourth decile
5	fifth decile
6	sixth decile
7	seventh decile
8	eighth decile
9	ninth decile
10	tenth decile

 C_MED2 - ANTIHYPERLIPIDEMIC MEDICATION USE

Type	Code
Measurement Unit	numeric
C_MED2	Antihyperlipidemic Medication Use
0	did not report taking antihyperlipidemic medication
1	reported taking antihyperlipidemic medication

 C_JOINT2 - HYPERLIPIDEMIA JOINT CLASSIFICATION

Type	Code
Measurement Unit	numeric

C_JOINT2	Joint Classification of Self-Reported History of Hyperlipidemia and Antihyperlipidemic Medication Use	
0	no evidence of hyperlipidemia	
1	evidence of hyperlipidemia	

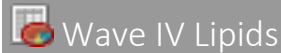


Type	Numeric (Double)
FASTTIME	Hours Since Last Ate



Type	Code
Measurement Unit	numeric
FAST_LIP	Fasted for Nine Hours or More
0	fasted for less than nine hours
1	fasted for nine hours or more

Physical Instances



Title	Wave IV Lipids
File Name	lipids.sas7bdat
Case Quantity	15701
Variable Count	13



Type	Code
Measurement Unit	numeric
TG	Triglycerides (TG) Decile

	Frequency	% of total	% of valid
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Valid	1	first decile	1359	8.66%	9.4%
	2	second decile	1360	8.66%	9.4%
	3	third decile	1360	8.66%	9.4%
	4	fourth decile	1359	8.66%	9.4%
	5	fifth decile	1361	8.67%	9.41%
	6	sixth decile	1359	8.66%	9.4%
	7	seventh decile	1359	8.66%	9.4%
	8	eighth decile	1360	8.66%	9.4%
	9	ninth decile	1360	8.66%	9.4%
	10	tenth decile	1359	8.66%	9.4%
		Total	14,461	92.1%	100%
Missing	.	no sample available for testing	1240	7.9%	
	99	no result for Triglycerides (TG)	865	5.51%	
		Total	1,240	7.9%	

Valid	Invalid	Minimum	Maximum
14461	1240	1	99

TG_FLG - TG MEASUREMENT METHOD

Type	Code
Measurement Unit	numeric
TG_FLG	Triglycerides (TG) Measurement Method

			Frequency	% of total	% of valid
Valid	1	imputed	5081	32.36%	35.14%
	2	assayed	8515	54.23%	58.88%
	9	no result for Triglycerides (TG)	865	5.51%	5.98%
		Total	14,461	92.1%	100%
Missing	.	no sample available for testing	1240	7.9%	
		Total	1,240	7.9%	

Valid	Invalid	Minimum	Maximum
14461	1240	1	9

TC - TC DECILE

Type	Code
Measurement Unit	numeric
TC	Total Cholesterol (TC) Decile

	Frequency	% of total	% of valid
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Valid	1	first decile	1390	8.85%	9.61%
	2	second decile	1391	8.86%	9.62%
	3	third decile	1390	8.85%	9.61%
	4	fourth decile	1391	8.86%	9.62%
	5	fifth decile	1390	8.85%	9.61%
	6	sixth decile	1391	8.86%	9.62%
	7	seventh decile	1391	8.86%	9.62%
	8	eighth decile	1390	8.85%	9.61%
	9	ninth decile	1391	8.86%	9.62%
	10	tenth decile	1390	8.85%	9.61%
		Total	14,461	92.1%	100%
Missing	.	no sample available for testing	1240	7.9%	
	99	no result for Total Cholesterol (TC)	556	3.54%	
		Total	1,240	7.9%	

Valid	Invalid	Minimum	Maximum
14461	1240	1	99

TC_FLG - TC MEASUREMENT METHOD

Type	Code
Measurement Unit	numeric
TC_FLG	Total Cholesterol (TC) Measurement Method

			Frequency	% of total	% of valid
Valid	1	imputed	645	4.11%	4.46%
	2	assayed	13260	84.45%	91.69%
	9	no result for Total Cholesterol (TC)	556	3.54%	3.84%
		Total	14,461	92.1%	100%
Missing	.	no sample available for testing	1240	7.9%	
		Total	1,240	7.9%	

Valid	Invalid	Minimum	Maximum
14461	1240	1	9

HDL - HDL-C DECILE

Type	Code
Measurement Unit	numeric
HDL	High-Density Lipoprotein Cholesterol (HDL-C) Decile

			Frequency	% of total	% of valid
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Valid	1	first decile	1367	8.71%	9.45%
	2	second decile	1368	8.71%	9.46%
	3	third decile	1368	8.71%	9.46%
	4	fourth decile	1367	8.71%	9.45%
	5	fifth decile	1368	8.71%	9.46%
	6	sixth decile	1368	8.71%	9.46%
	7	seventh decile	1367	8.71%	9.45%
	8	eighth decile	1368	8.71%	9.46%
	9	ninth decile	1368	8.71%	9.46%
	10	tenth decile	1367	8.71%	9.45%
		Total	14,461	92.1%	100%
Missing	.	no sample available for testing	1240	7.9%	
	99	no result for High-Density Lipoprotein Cholesterol (HDL-C)	785	5%	
		Total	1,240	7.9%	

Valid	Invalid	Minimum	Maximum
14461	1240	1	99

HDL_FLG - HDL-C MEASUREMENT METHOD

Type	Code
Measurement Unit	numeric
HDL_FLG	High-Density Lipoprotein Cholesterol (HDL-C) Measurement Method

			Frequency	% of total	% of valid
Valid	1	imputed	2416	15.39%	16.71%
	2	assayed	11260	71.72%	77.86%
	9	no result for High-Density Lipoprotein Cholesterol (HDL-C)	785	5%	5.43%
		Total	14,461	92.1%	100%
Missing	.	no sample available for testing	1240	7.9%	
		Total	1,240	7.9%	

Valid	Invalid	Minimum	Maximum
14461	1240	1	9

LDL - LDL-C DECILE

Type	Code
Measurement Unit	numeric
LDL	Low-Density Lipoprotein Cholesterol (LDL-C) Decile

			Frequency	% of total	% of valid
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Valid	1	first decile	1304	8.31%	9.02%
	2	second decile	1305	8.31%	9.02%
	3	third decile	1305	8.31%	9.02%
	4	fourth decile	1305	8.31%	9.02%
	5	fifth decile	1305	8.31%	9.02%
	6	sixth decile	1305	8.31%	9.02%
	7	seventh decile	1305	8.31%	9.02%
	8	eighth decile	1305	8.31%	9.02%
	9	ninth decile	1305	8.31%	9.02%
	10	tenth decile	1304	8.31%	9.02%
		Total	14,461	92.1%	100%
Missing	.	no sample available for testing	1240	7.9%	
	99	no result for Low-Density Lipoprotein Cholesterol (LDL-C)	1413	9%	
		Total	1,240	7.9%	

Valid	Invalid	Minimum	Maximum
14461	1240	1	99

NON_HDL - NON-HDL-C DECILE

Type	Code
Measurement Unit	numeric
NON_HDL	Non-High-Density Lipoprotein Cholesterol (non-HDL-C) Decile

			Frequency	% of total	% of valid
Valid	1	first decile	1367	8.71%	9.45%
	2	second decile	1367	8.71%	9.45%
	3	third decile	1367	8.71%	9.45%
	4	fourth decile	1368	8.71%	9.46%
	5	fifth decile	1367	8.71%	9.45%
	6	sixth decile	1367	8.71%	9.45%
	7	seventh decile	1368	8.71%	9.46%
	8	eighth decile	1367	8.71%	9.45%
	9	ninth decile	1367	8.71%	9.45%
	10	tenth decile	1367	8.71%	9.45%
		Total	14,461	92.1%	100%
Missing	.	no sample available for testing	1240	7.9%	
	99	no result for Non-High-Density Lipoprotein Cholesterol (non-HDL-C)	789	5.03%	
		Total	1,240	7.9%	

Valid	Invalid	Minimum	Maximum
14461	1240	1	99

Type	Code
Measurement Unit	numeric
TC_HDL	Total Cholesterol to High-Density Lipoprotein Cholesterol Ratio (TC:HDL-C) Decile

			Frequency	% of total	% of valid
Valid	1	first decile	1367	8.71%	9.45%
	2	second decile	1367	8.71%	9.45%
	3	third decile	1367	8.71%	9.45%
	4	fourth decile	1368	8.71%	9.46%
	5	fifth decile	1367	8.71%	9.45%
	6	sixth decile	1367	8.71%	9.45%
	7	seventh decile	1368	8.71%	9.46%
	8	eighth decile	1367	8.71%	9.45%
	9	ninth decile	1367	8.71%	9.45%
	10	tenth decile	1367	8.71%	9.45%
		Total	14,461	92.1%	100%
Missing	.	no sample available for testing	1240	7.9%	
	99	no result for Total Cholesterol to High-Density Lipoprotein Cholesterol Ratio (TC:HDL-C)	789	5.03%	
		Total	1,240	7.9%	

Valid	Invalid	Minimum	Maximum
14461	1240	1	99

Type	Code
Measurement Unit	numeric
C_MED2	Antihyperlipidemic Medication Use

			Frequency	% of total	% of valid
Valid	0	did not report taking antihyperlipidemic medication	15594	99.32%	99.32%
	1	reported taking antihyperlipidemic medication	107	0.68%	0.68%
		Total	15,701	100%	100%

Valid	Invalid	Minimum	Maximum
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15701	0	0	1
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C_JOINT2 - HYPERLIPIDEMIA JOINT CLASSIFICATION

Type	Code
Measurement Unit	numeric
C_JOINT2	Joint Classification of Self-Reported History of Hyperlipidemia and Antihyperlipidemic Medication Use

			Frequency	% of total	% of valid
Valid	0	no evidence of hyperlipidemia	14414	91.8%	91.8%
	1	evidence of hyperlipidemia	1287	8.2%	8.2%
Total			15,701	100%	100%

Valid	Invalid	Minimum	Maximum
15701	0	0	1

FASTTIME - HOURS SINCE LAST ATE

Type	Numeric (Double)
FASTTIME	Hours Since Last Ate

			Frequency	% of total	% of valid
Missing	.	missing	141	0.9%	
Total			141	0.9%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
15560	141	0	23.9	4.9248521...	4.8772170...

FAST_LIP - FASTED FOR NINE HOURS OR MORE

Type	Code
Measurement Unit	numeric
FAST_LIP	Fasted for Nine Hours or More

			Frequency	% of total	% of valid
Valid	0	fasted for less than nine hours	13129	83.62%	84.38%
	1	fasted for nine hours or more	2431	15.48%	15.62%
Total			15,560	99.1%	100%
Missing	.	missing	141	0.9%	
	Total			141	0.9%

Valid	Invalid	Minimum	Maximum
15560	141	0	1

Wave IV Medication File Data

Title

Wave IV Medication File Data

Abstract

This file provides the therapeutic classification codes for the medications reported at Wave IV.

Variables: 6

Observations: 10,711

Variables

Wave IV Medication File Data

- [SET1 - THERAPEUTIC CLASSIFICATION-SET 1-W4](#)
- [SET2 - THERAPEUTIC CLASSIFICATION-SET 2-W4](#)
- [SET3 - THERAPEUTIC CLASSIFICATION-SET 3-W4](#)
- [SET4 - THERAPEUTIC CLASSIFICATION-SET 4-W4](#)
- [MED_TOT - TOTAL NUMBER OF MEDS REPORTED BY R-W4](#)

SET1 - THERAPEUTIC CLASSIFICATION-SET 1-W4

Type	Text
Constraints	Maximum Length: 11
SET1	Therapeutic Classification - Set 1

SET2 - THERAPEUTIC CLASSIFICATION-SET 2-W4

Type	Text
Constraints	Maximum Length: 11
SET2	Therapeutic Classification - Set 2

SET3 - THERAPEUTIC CLASSIFICATION-SET 3-W4

Type	Text
Constraints	Maximum Length: 11
SET3	Therapeutic Classification - Set 3

SET4 - THERAPEUTIC CLASSIFICATION-SET 4-W4

Type	Text
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Constraints	Maximum Length: 11
SET4	Therapeutic Classification - Set 4

MED_TOT - TOTAL NUMBER OF MEDS REPORTED BY R-W4

Type	Numeric (Double)
MED_TOT	Total Number of Medications Reported by Respondent

Logical Products

Data Layouts

Wave IV Medication File Data

Wave IV Medication File Data

SET1 - THERAPEUTIC CLASSIFICATION-SET 1-W4

Type	Text
Constraints	Maximum Length: 11
SET1	Therapeutic Classification - Set 1

SET2 - THERAPEUTIC CLASSIFICATION-SET 2-W4

Type	Text
Constraints	Maximum Length: 11
SET2	Therapeutic Classification - Set 2

SET3 - THERAPEUTIC CLASSIFICATION-SET 3-W4

Type	Text
Constraints	Maximum Length: 11
SET3	Therapeutic Classification - Set 3

SET4 - THERAPEUTIC CLASSIFICATION-SET 4-W4

Type	Text
Constraints	Maximum Length: 11
SET4	Therapeutic Classification - Set 4

MED_TOT - TOTAL NUMBER OF MEDS REPORTED BY R-W4

Type	Numeric (Double)
MED_TOT	Total Number of Medications Reported by Respondent

Physical Instances

 Wave IV Medication File Data

Title	Wave IV Medication File Data
File Name	w4meds.sas7bdat
Case Quantity	10711
Variable Count	5

 SET1 - THERAPEUTIC CLASSIFICATION-SET 1-W4

Type	Text
Constraints	Maximum Length: 11
SET1	Therapeutic Classification - Set 1

			Frequency	% of total	% of valid
Missing	998-	medication reported but cannot be classified	72	0.67%	
	998-998				
		Total	72	0.67%	

Valid	Invalid
10639	72

 SET2 - THERAPEUTIC CLASSIFICATION-SET 2-W4

Type	Text
Constraints	Maximum Length: 11
SET2	Therapeutic Classification - Set 2

			Frequency	% of total	% of valid
Missing	***-	no other classification	8958	83.63%	
	_				
	998-	medication reported but cannot be classified	72	0.67%	
	998-998				
		Total	9,030	84.31%	

Valid	Invalid
1681	9030

 SET3 - THERAPEUTIC CLASSIFICATION-SET 3-W4

Type	Text
Constraints	Maximum Length: 11
SET3	Therapeutic Classification - Set 3

			Frequency	% of total	% of valid
Missing	***- ***_***	no other classification	10479	97.83%	
	998- 998-998	medication reported but cannot be classified	72	0.67%	
		Total	10,551	98.51%	

Valid	Invalid
160	10551

SET4 - THERAPEUTIC CLASSIFICATION-SET 4-W4

Type	Text
Constraints	Maximum Length: 11
SET4	Therapeutic Classification - Set 4

			Frequency	% of total	% of valid
Missing	***- ***_***	no other classification	10620	99.15%	
	998- 998-998	medication reported but cannot be classified	72	0.67%	
		Total	10,692	99.82%	

Valid	Invalid
19	10692

MED_TOT - TOTAL NUMBER OF MEDS REPORTED BY R-W4

Type	Numeric (Double)
MED_TOT	Total Number of Medications Reported by Respondent

Valid	Invalid	Minimum	Maximum	Mean	StdDev
10711	0	1	18	2.9725515...	2.5366028...

Wave IV Narcotic Drug Flag

Title

Wave IV Narcotic Drug Flag

Abstract

This file contains a flag that identifies Wave IV respondents who report taking a medication that contains a narcotic.

Variables: 2

Observations: 15,701

Variables

 Wave IV Narcotic Drug Flag


- **NARCOTIC - TAKES DRUG CONTAINING A NARCOTIC**

 NARCOTIC - TAKES DRUG CONTAINING A NARCOTIC

Type	Code
Measurement Unit	numeric
NARCOTIC	Medication Contains a Narcotic
0	no report of taking a medication containing a narcotic
1	reported taking a medication containing a narcotic

Logical Products

Data Layouts


 Wave IV Narcotic Drug Flag

Wave IV Narcotic Drug Flag

 NARCOTIC - TAKES DRUG CONTAINING A NARCOTIC

Type	Code
Measurement Unit	numeric
NARCOTIC	Medication Contains a Narcotic
0	no report of taking a medication containing a narcotic
1	reported taking a medication containing a narcotic

Physical Instances

 Wave IV Narcotic Drug Flag

Title	Wave IV Narcotic Drug Flag
File Name	narcotic.sas7bdat
Case Quantity	15701
Variable Count	1

 NARCOTIC - TAKES DRUG CONTAINING A NARCOTIC

Type	Code
Measurement Unit	numeric
NARCOTIC	Medication Contains a Narcotic

			Frequency	% of total	% of valid
Valid	0	no report of taking a medication containing a narcotic	14957	95.26%	95.26%
	1	reported taking a medication containing a narcotic	744	4.74%	4.74%
Total			15,701	100%	100%

Valid	Invalid	Minimum	Maximum
15701	0	0	1