CRUX Data

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October 1, 2013

```
## Loading required package:  gdata
## gdata:  read.xls support for 'XLS' (Excel 97-2004) files ENABLED.
##
## gdata:  read.xls support for 'XLSX' (Excel 2007+) files ENABLED.
##
## Attaching package:  'gdata'
##
## The following object is masked from 'package:stats':
##
##    nobs
##
## The following object is masked from 'package:utils':
##
##    object.size
##
## Loading required package:  rms
## Loading required package:  Hmisc
## Loading required package:  survival
## Loading required package:  splines
## Loading required package:  Formula
## Hmisc library by Frank E Harrell Jr
##
## Type library(help='Hmisc'), ?Overview, or ?Hmisc.Overview')
## to see overall documentation.
##
##
## Attaching package:  'Hmisc'
##
## The following object is masked from 'package:survival':
##
##    untangle.specials
##
## The following object is masked from 'package:gdata':
```

```
##
##      combine
##
## The following object is masked from 'package:base':
##
##      format.pval, round.POSIXt, trunc.POSIXt, units
##
## Loading required package:  SparseM
##
## Attaching package:  'SparseM'
##
## The following object is masked from 'package:base':
##
##      backsolve
##
##
## Attaching package:  'rms'
##
## The following object is masked from 'package:Hmisc':
##
##      num.intercepts
##
## Loading required package:  xtable
##
## Attaching package:  'xtable'
##
## The following object is masked from 'package:Hmisc':
##
##      label, label<-
```

1 Method

This file, 60.cb.Rnw, is run in R: library(knitr);knit('60.cb.Rnw'). The outputs of this program are two files–cb.tex and db.RData.

The data from the crux demographics redcap data repository have been loaded into a local R dataset, crux.RData and linked to births. The linked dataset, cb.RData, has 2045 subjects.

2 RESULTS

The describe function in the Hmisc R package was used to produce descriptive statistics on each transformed variable in the dataset.

---

uid_b

n	missing	unique
1304	741	1300

```
lowest : 1002492 100378  1005505 1006057 1006461
highest: 983524  984094  987254  988246  997056
```

---

uid

n	missing	unique
2045	0	2045

```
lowest : 1   10   100  1000 1001, highest: 995  996  997  998  999
```

---

vandy_id

	n	missing	unique	Mean	.05	.10	.25	.50	.75	.90	.95
	2045	0	2045	1270	130.2	271.4	618.0	1375.0	1894.0	2201.6	2303.8

```
lowest :   1   2   3   4   5, highest: 2402 2403 2404 2405 2406
```

---

guid

n	missing	unique
2045	0	577

```
lowest :            017-015      NADARHM617W1 NDAR2H436TE3 NDARAA458HF4
highest: NDARZX889DJ0 NDARZY368CXY NDARZY957MK0 No GUID      NO GUID
```

---

study_id

n	missing	unique
2045	0	1189

```
lowest :                    001 (COPE)      002 (COPE)      003(cope)      005
highest: V364(UsefulSpeech)  V367(Useful Speech) V373(UsefulSpeech) v376          v377
```

---

sed

n	missing	unique
2045	0	2

```
N (1936, 95%), Y (109, 5%)
```

---

mchat

n	missing	unique
2045	0	2

```
N (1953, 96%), Y (92, 4%)
```

---

simons

n	missing	unique
2045	0	2

```
N (1699, 83%), Y (346, 17%)
```

---

atn

n	missing	unique
2045	0	2

```
N (1570, 77%), Y (475, 23%)
```

---

psep_clinic

n	missing	unique
2045	0	2

N (1772, 87%), Y (273, 13%)

---

ddm_clinic

n	missing	unique
2045	0	2

N (1433, 70%), Y (612, 30%)

---

tummy_troubles

n	missing	unique
2045	0	2

N (1987, 97%), Y (58, 3%)

---

sensory_special_interest

n	missing	unique
2045	0	2

N (1959, 96%), Y (86, 4%)

---

useful_speech

n	missing	unique
2045	0	2

N (1995, 98%), Y (50, 2%)

---

start_ed

n	missing	unique	value
2045	0	1	1

---

rtd

n	missing	unique	value
2045	0	1	1

---

engineering

n	missing	unique
2045	0	2

N (2043, 100%), Y (2, 0%)

---

asac_clinic

n	missing	unique
2045	0	2

N (1940, 95%), Y (105, 5%)

---

sense_studies

n	missing	unique
2045	0	2

N (2020, 99%), Y (25, 1%)

---

sleep_education

n	missing	unique
2045	0	2

N (2012, 98%), Y (33, 2%)

---

ncs

n	missing	unique	value
2045	0	1	1

so_follow_up

n	missing	unique
2045	0	2

N (1996, 98%), Y (49, 2%)

---

multisensory

n	missing	unique
2045	0	2

N (2012, 98%), Y (33, 2%)

---

cope

n	missing	unique
2045	0	2

N (1958, 96%), Y (87, 4%)

---

families_first

n	missing	unique
2045	0	2

N (1907, 93%), Y (138, 7%)

---

epileptiform

n	missing	unique
2045	0	2

N (2037, 100%), Y (8, 0%)

---

biorepository

n	missing	unique
2045	0	2

N (2037, 100%), Y (8, 0%)

---

wallace_lab

n	missing	unique
2045	0	2

N (2023, 99%), Y (22, 1%)

---

transitioning_to_adulthood

n	missing	unique
2045	0	2

N (2036, 100%), Y (9, 0%)

---

referral_study_other1

	n	missing	unique
	43	2002	9

ADOPTED* NOT ELIGIBLE FOR GENETICS STUDIES (1, 2%)
AGP/TASC GENETIC STUDY (3, 7%)
AGRE GENETICS STUDY (GENEA CROCKETT) (8, 19%), CRUX (1, 2%)
DSM-5 (1, 2%), GENETICS STUDY (GENEA CROCKETT) (1, 2%)
GENETICS STUDY- GENEA CROCKETT (1, 2%)
NOTE: CHILD IS ADOPTED - NOT ELIGIBLE FOR GEN STUDIES (1, 2%)
SYNAPDX (26, 60%)

---

baby_sib

	n	missing	unique	Sum	Mean
	1610	435	2	150	0.09317

---

control

	n	missing	unique	Sum	Mean
	1496	549	2	46	0.03075

---

triad_consent

	n	missing	unique	Mean
	1556	489	2	1.192

1 (1258, 81%), 2 (298, 19%)

---

contact_consent

	n	missing	unique	Mean
	1248	797	2	1.058

1 (1175, 94%), 2 (73, 6%)

---

data_consent

	n	missing	unique	Mean
	1241	804	2	1.037

1 (1195, 96%), 2 (46, 4%)

---

scanned_consent

	n	missing	unique
	2045	0	2

N (1710, 84%), Y (335, 16%)

---

psychologist

	n	missing	unique	Mean	.05	.10	.25	.50	.75	.90	.95
	1892	153	12	6.548	2	2	4	8	8	9	10

	1	2	3	4	5	6	7	8	9	10	11	12
Frequency	19	211	31	233	54	269	77	741	117	47	68	25
%	1	11	2	12	3	14	4	39	6	2	4	1

---

other_psychologist

	n	missing	unique
	100	1945	11

AMY NICHOLSON (15, 15%), AMY NICHOLSON & ALISON VEHORN (1, 1%)
AMY WEITLAUF (15, 15%), BLYTHE CORBETT (3, 3%), CORA TAYLOR (7, 7%)
EM (5, 5%), EVON LEE (38, 38%), JEN FOSS-FEIG (2, 2%)
LINDA ASHFORD (3, 3%), SW (1, 1%), WHITNEY LORING (10, 10%)

---

autistic_disorder

	n	missing	unique
2045		0	2

N (931, 46%), Y (1114, 54%)

---

pdd_nos

	n	missing	unique
2045		0	2

N (1793, 88%), Y (252, 12%)

---

aspergers

	n	missing	unique
2045		0	2

N (1927, 94%), Y (118, 6%)

---

global_developmental_delay

	n	missing	unique
2045		0	2

N (2009, 98%), Y (36, 2%)

---

language_disorder

	n	missing	unique
2045		0	2

N (1973, 96%), Y (72, 4%)

---

other

	n	missing	unique
2045		0	2

N (1825, 89%), Y (220, 11%)

---

none

	n	missing	unique
2045		0	2

N (1911, 93%), Y (134, 7%)

---

intellectual_disability

	n	missing	unique
2045		0	2

N (2030, 99%), Y (15, 1%)

---

other_dx_code

	n	missing	unique
2045		0	40

```
lowest :                                     296.80, 314.01              296.90
highest: 319.00                              351.8                       781.3
```

---

other_dx_description

n	missing	unique
2045	0	75

lowest :   ADHD   ADHD Comb
highest: specified delays in development   specified delays in devleopment   specified

---

guardians_names

n	missing	unique
2045	0	6

 (2040, 100%), , (1, 0%), Amy Lindsey (1, 0%), Castor (1, 0%)
(father's former girlfriend) (1, 0%), Jennifer (wife) (1, 0%)

---

address : OLD use street, city,state

n	missing	unique
2045	0	9

	,	105 Mission Ct.	224 Roney Drive	285 oz davis rd	eva, al	Jordan	ky
Frequency	2032 3	1	1		1	1	1
%	99 0	0	0		0	0	0

	Nashville, TN	TN
Frequency	1	4
%	0	0

---

zipcode_c

n	missing	unique
1997	48	441

lowest : 23059 24239 24293 27612 28021
highest: 76544 931-3 98387 98512 M4V1X

---

phone_number

n	missing	unique
2045	0	1902

lowest :   (201) 881-5243 (205) 283-8523 (205) 535-7499 (205) 626-9464
highest: (931) 994-3867 (951) 286-5559 (978) 314-2826 (979) 218-4517 (985) 643-8860

---

alternate_phone

n	missing	unique
2045	0	693

lowest :   (205) 535-7408 (205) 821-1778 (214) 491-0283 (224) 388-0675
highest: (931) 980-8264 (931) 982-2158 (931) 982-9767 (931) 993-0417 (970) 310-4875

---

email

n	missing	unique
2045	0	1271

lowest :   122unforgettable@gmail.com 166leslie@comcast.net   1huntan
highest: york528@hotmail.com   youngmommae@gmail.com   ysheddwoodson@rocketmail.com zach@dox

---

alternate_email

n	missing	unique
2045	0	46

lowest :   aisha.sanders@hcahealthcare.com aliciababyok@yahoo.com
highest: ricka@tpgfinance.com   roger.idstrom@belmont.edu   saannette@hotmail.com

tricare

n	missing	unique	Mean
221	1824	2	1.982

1 (4, 2%), 2 (217, 98%)

---

vandy_employ

n	missing	unique	Mean
233	1812	2	1.983

1 (4, 2%), 2 (229, 98%)

---

pot_babysib

n	missing	unique	Mean
235	1810	2	1.932

1 (16, 7%), 2 (219, 93%)

---

notes

n	missing	unique
2045	0	54

lowest :
highest: there is a signed release for grandmother, Iris Gruber, to seek care for Fabian in his medical

---

demographics_complete

n	missing	unique	Mean
2045	0	2	1.999

0 (1, 0%), 2 (2044, 100%)

---

tricare.factor

n	missing	unique
221	1824	2

Yes (4, 2%), No (217, 98%)

---

vandy_employ.factor

n	missing	unique
233	1812	2

Yes (4, 2%), No (229, 98%)

---

pot_babysib.factor

n	missing	unique
235	1810	2

Yes (16, 7%), No (219, 93%)

---

demographics_complete.factor

n	missing	unique
2045	0	2

Incomplete (1, 0%), Complete (2044, 100%)

---

baby_sib.factor

n	missing	unique
1610	435	2

Yes (150, 9%), No (1460, 91%)

---

control.factor

n	missing	unique
1496	549	2

Yes (46, 3%), No (1450, 97%)

---

triad_consent.factor

n	missing	unique
1556	489	2

Yes (1258, 81%), No (298, 19%)

---

contact_consent.factor

n	missing	unique
1248	797	2

Yes (1175, 94%), No (73, 6%)

---

data_consent.factor

n	missing	unique
1241	804	2

Yes (1195, 96%), No (46, 4%)

---

child_sex.factor

n	missing	unique
2045	0	2

Female (427, 21%), Male (1618, 79%)

---

psychologist.factor

n	missing	unique
1892	153	12

JAIME BELOW (19, 1%), COURTNEY BURNETTE (211, 11%), TIM COOPER (31, 2%)
JULIE DAVIDSON (233, 12%), RACHEL HUNDLEY (54, 3%)
CASSANDRA NEWSOM (269, 14%), SAR PETERS (77, 4%), ZACK WARREN (741, 39%)
OTHER (117, 6%), EVON LEE (47, 2%), AMY NICHOLSON (68, 4%)
WHITNEY LORING (25, 1%)

---

childmiddlename

n	missing	unique
341	1704	239

```
lowest : A        ADAN      ADDISON   ADELINDE ADRIAN
highest: WILLIAM  WINN      XIN       YANDEL   ZANDER
```

---

dadnamefirst

n	missing	unique
1225	820	418

```
lowest : AARON      ABDELLAH ABRAHAM ADAM      AGUSTIN
highest: YANEXIA    YUN TIAN ZACH    ZACHARY   ZACKARY
```

---

dadnamelast_c

n	missing	unique
1231	814	921

```
lowest : AARONSON     ABERNATHY    ADAMS         ADDICKS    AGATE
highest: YUILL        ZACHARKO     ZAJACZKOWSKI  ZELENKA    ZERKLE
```

---

momnamefirst_c

n	missing	unique
1864	181	725

```
lowest : abby      abigail   adelaide  adrain    adrian
highest: yolanda   yuliana   zabrina   zahir     zoraida
```

---

momnamelast_c

n	missing	unique
1858	187	1273

```
lowest : aaron         abbott    absher    adams     adamson
highest: zajaczkowski  zelenka   zerkle    zhang     zich
```

---

guardiannamefirst

n	missing	unique
27	2018	27

```
lowest : ALICIA       BRANDI       CHARLES      DCS CUSTODY  DONNA
highest: PATTY        REVA         STELLA       SUSAN        TERESA
```

---

guardiannamelast

n	missing	unique
23	2022	23

```
lowest : APERANS      BURDETTE     DOYLE        EVANS        GREEN
highest: VERDEJO      WATSON       WESTON       WILLIAMS     WILLIAMSON
```

---

childdob_c

n	missing	unique
2045	0	1646

```
lowest : 1960-09-09 1975-01-04 1979-11-21 1984-02-20 1986-05-16
highest: 2011-10-07 2011-10-18 2011-11-15 2011-11-24 2012-02-16
```

---

childnamelast_c

n	missing	unique
2045	0	1402

```
lowest : AARON         AARONSON      ABERNATHY    ABRAHAM      ABSHER
highest: ZACHARKO      ZAJACZKOWSKI  ZELENKA      ZERKLE       ZICH
```

---

childnamefirst_c

n	missing	unique
2045	0	885

```
lowest : AARON        ABBEY        ABBY          ABIGAIL    ABRAM
highest: ZEPHAN       ZEPHANIAH    ZHAYVAREION   ZOEY       ZOIE
```

---

childsex_c

n	missing	unique
2045	0	2

```
F (427, 21%), M (1618, 79%)
```

---

momrescity_c

	n	missing	unique
	1992	53	361

```
lowest : ADAIRVILLE ADAMS      ALAMO      ALEXANDRIA ALTAMONT
highest: WISE       WOODBURN   WOODBURY   WOODLAWN   WOODSTOCK
```

---

momresstate_c

	n	missing	unique
	2008	37	18

	AL	AR	BC	FL	GA	IN	KY	LA	MD	MO	MS	MT	NC	SC	TN	TX	VA	WA
Frequency	124	3	1	5	12	14	116	2	2	1	9	1	3	3	1703	4	3	2
%	6	0	0	0	1	1	6	0	0	0	0	0	0	0	85	0	0	0

---

momresstreet_c

	n	missing	unique
	1989	56	1925

```
lowest : 1000 FILLMORE CT            1000 PIN OAK DR.        1001 RASPBERRY VALLEY CT.   1001 VIOLET
highest: P.O. BOX 943                PO BOX 945              RT. 855 BRADLEY RD.         SR 50 PO B(
```

---

aailnp: ASD|ASP|PPD_NOS|Global_DD|ID|Language|None|PDD_NOS

	n	missing	unique
	2045	0	10

	NNNNNNN	NNNNNNY	NNNNNYN	NNNNYNN	NNNYNNN	NNYNNNN	NYNNNNN	YNNNNNN	YNNNNNY
Frequency	306	251	134	72	14	36	118	1112	1
%	15	12	7	4	1	2	6	54	0

	YNNYNNN
Frequency	1
%	0

---

primary_dx

	n	missing	unique
	1739	306	7

	ASD	ASP	Global_DD	ID	Language	None	PDD_NOS
Frequency	1114	118	36	14	72	134	251
%	64	7	2	1	4	8	14

---

childdobyear

	n	missing	unique
	2045	0	29

```
lowest : 1960 1975 1979 1984 1986, highest: 2008 2009 2010 2011 2012
```

---

childdobmonth

	n	missing	unique
	2045	0	12

	01	02	03	04	05	06	07	08	09	10	11	12
Frequency	152	131	204	177	169	172	183	180	173	190	165	149
%	7	6	10	9	8	8	9	9	8	9	8	7

---

childdobday

	n	missing	unique
	2045	0	31

lowest : 01 02 03 04 05, highest: 27 28 29 30 31

---

key

	n	missing	unique
	1304	741	4

k6-1 (937, 72%), k6-2 (117, 9%), k6-3 (223, 17%), k6-4 (27, 2%)

---

childnamemiddle

	n	missing	unique
	1283	762	643

lowest : AARON   AARON ELIJAH   ABDELLAH M. NASSER ABIGAIL   ABLE
highest: ZACHARY   ZAHIR   ZALDY   ZAYNE   ZOE

---

childnamefirst_b

	n	missing	unique
	1304	741	647

lowest : AARON   ABIGAIL   ABRAM   ABRIANNA   ACEN
highest: ZEPHAN   ZEPHANIAH   ZHAYVAREION ZOEY   ZOIE

---

childnamelast_b

	n	missing	unique
	1304	741	939

lowest : AARONSON   ABERNATHY   ABRAHAM   ABSHER   ADAMS
highest: YOUNG   YOUNT   ZAJACZKOWSKI ZELENKA   ZERKLE

---

momnamefirst_b

	n	missing	unique
	1304	741	536

lowest : abby   adelaide adriana   adrienne aimee
highest: yanixcia yohana   yuliana   zabrina zoraida

---

momnamelast_b

	n	missing	unique
	1304	741	943

lowest : abbott   abernathy   absher   adams   addicks
highest: zajaczkowski zelenka   zerkle   zetterholm zhang

---

datayr

	n	missing	unique	Mean	.05	.10	.25	.50	.75	.90	.95
	1304	741	22	2006	1997	2000	2003	2007	2009	2010	2010

lowest : 1990 1991 1992 1993 1994, highest: 2007 2008 2009 2010 2011

---

childdob_b

	n	missing	unique
	1304	741	1107

lowest : 1990-11-07 1991-04-12 1992-05-03 1992-05-06 1992-07-22
highest: 2011-08-03 2011-08-05 2011-08-22 2011-10-07 2011-10-18

---

birthwtgrams

	n	missing	unique
	1304	741	404

lowest : 0482 0510 0539 0567 0670, highest: 4961 5216 5415 936 992

---

gestationweeksestimated

	n	missing	unique	Mean	.05	.10	.25	.50	.75	.90	.95
	1295	750	21	38.07	34	36	38	39	39	40	40

lowest : 22 23 24 25 26, highest: 38 39 40 41 42

---

gestationweeksgenerated

	n	missing	unique	Mean
	1304	741	1	39

apgar5minute

	n	missing	unique	Mean
	1265	780	9	8.775

	2	3	4	5	6	7	8	9	10
Frequency	3	4	2	5	14	34	159	984	60
%	0	0	0	0	1	3	13	78	5

---

deathind

	n	missing	unique	value
	1304	741	1	N

nocongenitalanomaliesind

	n	missing	unique
	1304	741	2

N (14, 1%), Y (1290, 99%)

---

noabnormalconditionsind

	n	missing	unique
	1304	741	2

N (145, 11%), Y (1159, 89%)

---

nocomplicationsind

	n	missing	unique
	1304	741	2

N (1024, 79%), Y (280, 21%)

---

birthplacecode

	n	missing	unique
	1304	741	123

lowest : 0004 004 0054 0057 0059, highest: 231 238 241 255 401

---

hospital_id

	n	missing	unique	Mean	.05	.10	.25	.50	.75	.90	.95
	762	1283	63	3873	1921	1925	1925	1932	6320	7929	9025

lowest : 120 221 622 925 1022, highest: 9028 9225 9320 9423 9522

---

nomedicalriskfactorsind

	n	missing	unique
	1304	741	3

N (394, 30%), U (1, 0%), Y (909, 70%)

---

deliveryvaginal

	n	missing	unique
	1304	741	2

N (570, 44%), Y (734, 56%)

---

livebirthstotal

	n	missing	unique	Mean
	1293	752	8	0.8987

	0	1	2	3	4	5	6	9
Frequency	569	445	181	58	26	10	3	1
%		44	34	14	4	2	1	0	0

---

momhispanicorigin

	n	missing	unique	Mean
	1302	743	5	1.113

	1	2	3	4	5
Frequency	1236	31	11	2	22
%		95	2	1	0	2

---

noobstetricprocedureind

	n	missing	unique
	1304	741	2

N (364, 28%), Y (940, 72%)

---

childidnum

	n	missing	unique
	957	1088	952

```
lowest :           0001000001638 0001000002081 0001000002212 0001000002621
highest: 0501000006582 0501000007100 0501000007112 0501000007278 0501000007616
```

---

momssn

	n	missing	unique
	1032	1013	965

```
lowest : 001622947 002608219 003623021 006867278 022680194
highest: MXS650312 OXM710516 SXM720701 VXC811109 YYZ780511
```

---

prenatalcarebeganpregnancy

	n	missing	unique	Mean	.05	.10	.25	.50	.75	.90	.95
	1171	874	11	2.684	1	1	2	2	3	4	6

	0	1	2	3	4	5	6	7	8	9	10
Frequency	14	172	424	350	102	49	25	17	12	5	1
%	1	15	36	30	9	4	2	1	1	0	0

---

previouspretermbirth

n	missing	unique
1304	741	2

N (1276, 98%), Y (28, 2%)

---

antibioticsmom

n	missing	unique
962	1083	2

N (748, 78%), Y (214, 22%)

---

icuadmission

n	missing	unique	value
962	1083	1	N

nicu

n	missing	unique
962	1083	2

N (885, 92%), Y (77, 8%)

---

childtransferred

n	missing	unique
1304	741	2

N (1285, 99%), Y (19, 1%)

---

deathcertnum

n	missing	unique	value
181	1864	1	

paternitysigned

n	missing	unique
961	1084	4

N (104, 11%), U (2, 0%), X (676, 70%), Y (179, 19%)

---

noinfectionsind

n	missing	unique
962	1083	2

N (44, 5%), Y (918, 95%)

---

momwhite

n	missing	unique	Mean
1224	821	2	1.097

1 (1105, 90%), 2 (119, 10%)

---

momage

n	missing	unique
1304	741	32

lowest : 15 16 17 18 19, highest: 42 43 44 45 46

---

momeducationcode

	n	missing	unique
	1304	741	9

	1	2	3	4	5	6	7	8	9
Frequency	6	100	322	269	120	323	128	30	6
%	0	8	25	21	9	25	10	2	0

---

momdob

	n	missing	unique
	1304	741	1147

```
lowest : 1953-05-03 1954-03-13 1956-12-12 1957-06-04 1957-07-22
highest: 1993-09-01 1994-06-14 1994-06-25 1994-10-19 1995-05-06
```

---

mommarried

	n	missing	unique
	1304	741	2

N (327, 25%), Y (977, 75%)

---

id

	n	missing	unique	Mean	.05	.10	.25	.50
	1304	741	1300	2.006e+09	1.997e+09	2.000e+09	2.003e+09	2.007e+09

.75	.90	.95
2.009e+09	2.010e+09	2.010e+09

```
lowest : 1990067033 1990076373 1991019774 1992025103 1992026817
highest: 2011049345 2011053340 2011064422 2011065568 2011800267
```

---

momnamemaidenlast

	n	missing	unique
	1304	741	943

```
lowest : abbott       abernathy   absher      adams        addicks
highest: zajaczkowski zelenka     zerkle      zetterholm   zhang
```

---

dadnamelast_b

	n	missing	unique
	1193	852	857

```
lowest : AARONSON      ABERNATHY    ABSHER        ADAMS        ADDICKS
highest: YOUNG         YOUNT        ZAJACZKOWSKI  ZELENKA      ZERKLE
```

---

dadnamegiven

	n	missing	unique
	1193	852	367

```
lowest : AARON     ABDELLAH  ABRAHAM  ADAM      AGUSTIN
highest: WILLIAMS  YEKOLLA   YUN      ZACHARY   ZAHIR
```

---

momrescity_b

	n	missing	unique
	1304	741	310

```
lowest : ADAMSVILLE                    ALAMO           ALEXANDRIA       A
highest: WILDER                        WINCHESTER      WOODBURY         W
```

---

momresstreet_b

	n	missing	unique
	962	1083	878

```
lowest : 1/2 NAYDOLIN        14TH           17TH          18TH
highest: WOODVALE DRIVE      WYNNBURG BLUEBANK  WYOMING    YEARGAN
```

---

momresstate_b

	n	missing	unique
	1304	741	7

	ALABAMA	ARKANSAS	GEORGIA	KENTUCKY	MISSISSIPPI	TENNESSEE	VIRGINIA
Frequency	1	2	1	6	1	1292	1
%	0	0	0	0	0	99	0

---

childsex_b

	n	missing	unique
	1304	741	2

F (276, 21%), M (1028, 79%)

---

zipcode_b

	n	missing	unique
	1303	742	281

```
lowest : 24219 30701 35756 37012 37013
highest: 42223 42234 42262 72076 72360
```

---

childdobYear

	n	missing	unique
	1304	741	22

lowest : 1990 1991 1992 1993 1994, highest: 2007 2008 2009 2010 2011

---

childdobMonth

	n	missing	unique
	1304	741	12

	01	02	03	04	05	06	07	08	09	10	11	12
Frequency	97	78	140	113	102	110	105	111	113	126	107	102
%	7	6	11	9	8	8	8	9	9	10	8	8

---

childdobDay

	n	missing	unique
	1304	741	31

lowest : 01 02 03 04 05, highest: 27 28 29 30 31

---

momdobYear

	n	missing	unique
	1304	741	42

lowest : 1953 1954 1956 1957 1958, highest: 1991 1992 1993 1994 1995

---

momdobMonth

	n	missing	unique
	1304	741	12

	01	02	03	04	05	06	07	08	09	10	11	12
Frequency	92	101	121	99	93	109	109	113	134	121	100	112
%	7	8	9	8	7	8	8	9	10	9	8	9

---

momdobDay

	n	missing	unique
	1304	741	31

lowest : 01 02 03 04 05, highest: 27 28 29 30 31

---

match

	n	missing	unique	Sum	Mean
	2045	0	2	1304	0.6377

asd

	n	missing	unique
	2045	0	2

N (562, 27%), Y (1483, 73%)

---

tn_c

	n	missing	unique
	2045	0	2

N (342, 17%), Y (1703, 83%)

---

tn_b

	n	missing	unique	value
	1304	741	1	N

ref_date

	n	missing	unique	value
	2045	0	1	15706

age_c

	n	missing	unique	Mean	.05	.10	.25	.50	.75	.90	.95
	2045	0	29	6.966	2	2	3	6	10	14	17

lowest : 0 1 2 3 4, highest: 26 28 33 37 52

Variables with all observations missing: `referral_study_other2`

```
## Error:  object 'address_state' not found
## Error:  object 'T2' not found
```

```
## Error:   object 'address_city' not found
## Error:   object 'T2' not found
```
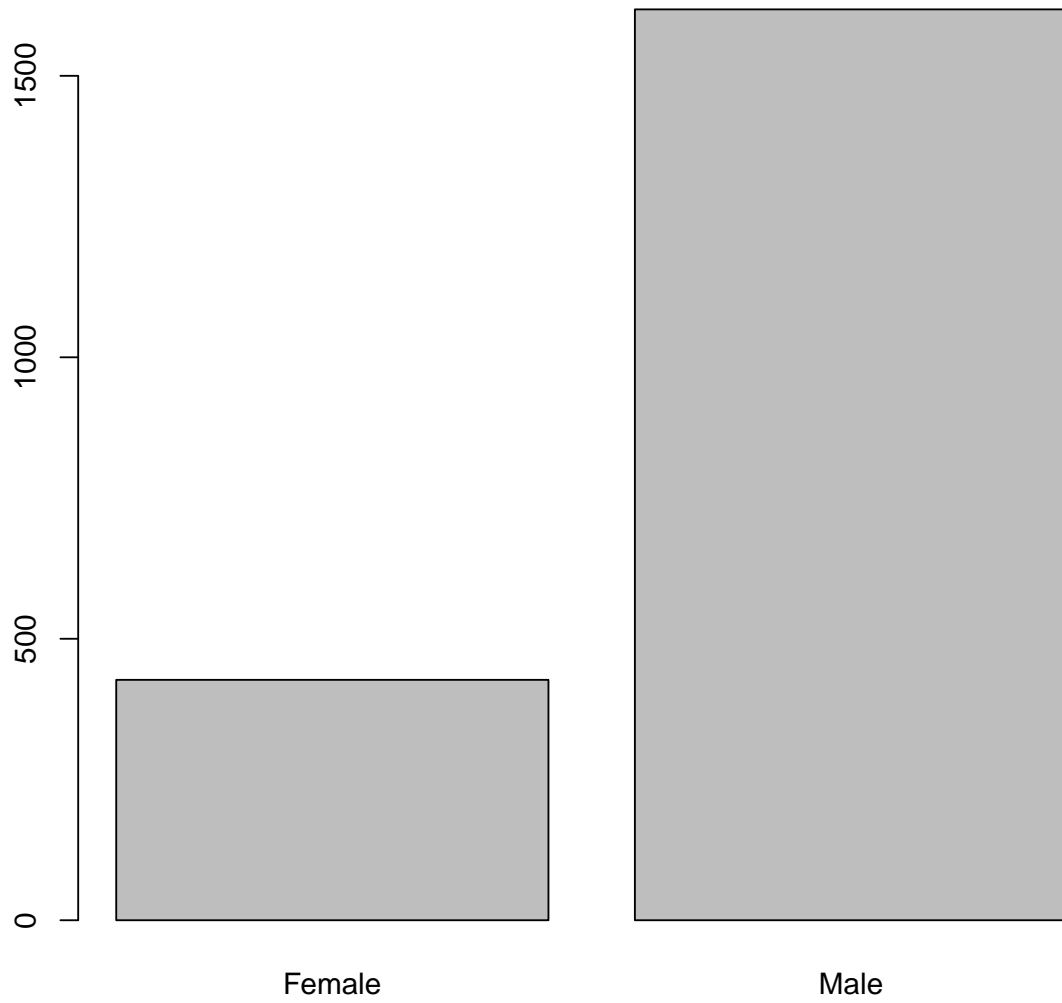
3   NOTES

The working directory is /data/urbanorc/Projects/CRUX/Proc

	other_dx_code
	1925
296.80, 314.01	1
296.90	4
300.00	3
307.3 Stereotypic Movement Disorder	1
309.21	1
309.89	1
312.80 disruptive behavior disorder	1
312.9	11
312.90	1
312.9 Disruptive Behavior Disorder	1
312.9 Disruptive Behavior Disorder, Not Otherwise Specified	1
313.9	12
313.9 disorder of childhood nos	1
313.9 Disorder of Childhood NOS	1
313.9 Disorder of Childhood not otherwise specified	1
313.9 Disorder of Childhood - Not Otherwise Specified	1
313.9 Disorder of Infancy, childhood, or adolescence, Not Otherwise Specified	1
313.9 Disorder of Infancy, Childhood or Adolescence, Not Otherwise Specifiedc	1
314.01	4
314.01, 307.23, 300.3	1
314.0 Deficit Hyperactivity Disorder, Combined Type	1
315.31	2
315.31, 312.9	1
315.32,799.55	1
315.32 mixed receptive-expressive language disorder	1
315.34	2
315.4	1
315.5	19
315.5, 312.9	2
315.8	32
317.3	1
317.39	1
318.2	1
318.8	1
319.00	1
351.8	1
781.3	1
DSM 300.02	1
DSM 318	1

Table 1: Other Diagnosis codes