Documentation of the MTO Youth Restricted Access Datasets

for the *Journal of the American Medical Association* Article:

"Associations of Housing Mobility Interventions for Children in High-Poverty

Neighborhoods With Subsequent Mental Disorders During Adolescence"

by

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1.   Overview

These restricted access datasets (RADs) are designed to allow for a replication of the Moving to Opportunity (MTO) youth analyses in Tables 4 and 5 of the article "Associations of Housing Mobility Interventions for Children in High-Poverty Neighborhoods With Subsequent Mental Disorders During Adolescence" published in the *Journal of the American Medical Association* (*JAMA*) in March 2014 (Kessler et al., 2014; available via www.mtoresearch.org/final.htm). The article shows that moving from a high-poverty to lower-poverty neighborhood has mixed effects by gender on some mental health measures, with females doing better and males doing worse.

The two RADs are:

1. **mto_jama_preimp_20160111.sas7bdat** – This person-level file contains a record for each of the 3,689 youth ages 13-17 (as of December 2007) who comprise the sample frame for the *JAMA* paper. The dataset contains 492 variables, including basic MTO program and demographic information, mental health disorder outcomes, raw variables, and other household and neighborhood information. This dataset contains variables PRIOR TO imputing missing information.

2. **mto_jama_imputed_20160111.sas7bdat** – This file is the analysis dataset for the *JAMA* paper. It was generated from the above-referenced pre-imputation dataset after excluding deceased youth. Multiple imputation was used to impute missing information, including imputing outcomes for youth who were not interviewed. The resulting dataset contains 20 sets of imputed data for a total number of 73,420 records. The dataset contains 145 variables and is limited to the key mental health disorder variables and the variables used for the imputation.

The three SAS programs that can be used to reproduce the imputation and the analyses (and will be included with the datasets and this memo) are:

- **1_mto_jama_impute_data_20160111.sas** – This program reads in the pre-imputation dataset (mto_jama_preimp_20160111.sas7bdat) and imputes missing data to generate the analysis-ready dataset (mto_jama_impute_20160111.sas7bdat). **This code was run using SAS version 9.3. The code needs to be modified if running on later versions of SAS.**

- **2_mto_jama_assoc_20160111.sas** – This program runs the analysis presented in Tables 4 and 5 of the *JAMA* paper using the analysis dataset generated by the imputation program (mto_jama_impute_20160111.sas7bdat).

- **3_mto_jama_pvalues_20160111.sas** – This program uses the p-values generated by program #2 to adjust the p-values for the false discovery rate.

Users should be able to run these three programs once they change the names of the data and output directories at the top of the programs.

In addition to the programs above, we include the following additional program files:

- a SAS program containing formats that could be applied to the data ("mto_jama_formats_20160109.sas"),
- a subdirectory called "appendix_d_cidi_disorder_code" containing 17 files with the portions of SAS code used to construct each of the mental health disorder outcomes. These programs were originally run as part of a larger set of programs that recoded the MTO data across many different domains. We provide these SAS programs for the user's REFERENCE ONLY (e.g., they have not been modified to run on the provided datasets).

The U.S. Department of Housing and Urban Development (HUD) provided the MTO data and must be acknowledged in any paper using these PUFs. The contents of this document do not necessarily reflect the views or policies of HUD or the U.S. Government.

To apply to use these restricted access datasets, see www.huduser.gov/portal/research/pdr_data-license.html. For further information about the MTO data, please also see www.nber.org/mtopuf.

*** NOTE THAT THESE DATASETS CONTAIN MASKED CENSUS TRACT ID NUMBERS, WHICH ARE NEEDED TO PERFORM THE JACK-KNIFE REPLICATION. ***

2. Background on the MTO Experiment

The MTO demonstration was authorized by the U.S. Congress in section 152 of the Housing and Community Development Act of 1992. HUD launched MTO to test whether offering housing vouchers to families living in public housing projects in high-poverty neighborhoods of large inner cities could improve their lives and the lives of their children by allowing them to move to lower-poverty neighborhoods.

From 1994 to 1998, the MTO demonstration enrolled 4,604 low-income households in Baltimore, Boston, Chicago, Los Angeles, and New York. Eligibility for MTO was limited to households with children in public or other government-subsidized, project-based housing in selected high-poverty areas. Enrolled families were assigned at random to one of three groups:

1. The **low-poverty voucher (LPV) group** (also called the Experimental group) received Section 8 rental assistance certificates or vouchers that they could use only in census tracts with 1990 poverty rates below 10 percent. The families received mobility counseling and help in leasing a new unit. One year after relocating, families could use their voucher to move again if they wished, without any special constraints on location.

2. The **traditional voucher (TRV) group** (also called the Section 8 group) received regular Section 8 certificates or vouchers that they could use anywhere; these families received no special mobility counseling.

3. The **control group** received no certificates or vouchers through MTO, but continued to be eligible for project-based housing assistance and whatever other social programs and services to which they would otherwise be entitled.

Forty-eight percent of families in the LPV group and 63% of families in the TRV group "complied" with the treatment by moving using a housing voucher obtained through MTO. For more details on the motivation for and structure of the MTO experiment, please see the Chapter 1 of the MTO Final Impacts Evaluation report (Sanbonmatsu et al., 2011).

Because it was implemented as an experiment, MTO overcomes some of the empirical challenges of identifying neighborhood effects on people's life outcomes that have limited previous research. An MTO-type experiment enables us to determine whether moving to a lower-poverty neighborhood itself, rather than some other characteristic of the individuals or families that might be related to both their propensity to move and their behavioral outcomes, directly *caused* improvements in health, economic security, or some other outcome of interest. Because of random assignment, the control group's experience shows, on average, what would have happened to the families in the treatment groups had they not been offered a voucher through MTO.

Researchers have collected survey data on MTO participants at different points in time:

- Baseline (1994-1998): At the time families applied for the program, the household head filled out a survey with information about the household and basic information about each household member.
- Short-Term Site by Site Findings: Preliminary studies conducted a few years into the program by research teams at each site
- Canvasses (1997 and 2000): Families were canvassed and asked a limited set of questions.
- Interim evaluation (2002): Abt Associates, along with the National Bureau of Economic Research (NBER), conducted an evaluation of the program 4 to 7 years on average after random assignment (interviews were completed with 3,519 adults). The interim survey asked questions about: housing, neighborhood, employment and education, income and public assistance, outlook and social networks, physical and mental health, and household composition. (Links to the main findings from the interim evaluation are available at www.mtoresearch.org/interim.htm. Orr, et al. (2003) and Kling, Liebman, and Katz (2007) are the most comprehensive sources for the interim findings.)

- **Final impacts evaluation (2008-2010):** 10-15 year follow-up with families. This wave of data collection is the basis for the *JAMA* article.

In addition, researchers have also conducted qualitative interviews with families (see www.mtoresearch.org/qualitative.htm).

3. Sample, Data Sources, and Measures

3.1 Sample

The pre-imputation RAD consists of data on the 3,689 youth who were ages 13 to 17 as of December 31, 2007. The data includes 2,872 youth interviewed for the long-term MTO evaluation as well as 817 youth who were not interviewed. (The pre-imputation dataset includes deceased youth, who are dropped in the program that runs the imputation and thus are excluded from the analysis). The weighted response rate for the *JAMA* paper sample was 90.0%, and the response rates by MTO treatment group were similar: 92.9% for the LPV group, 86.9% for the TRV group, and 89.4% for the control group.

The survey was conducted by the Institute for Social Research (ISR) at the University of Michigan between June 2008 and April 2010. Up to 3 youth ages 10-20 as of December 31, 2007 were selected for interview from each LPV, TRV, and control group household (in households with 4 or more eligible youth, 3 were randomly selected for interview). The long-term survey instrument is available at www.mtoresearch.org/instruments/final_youth.pdf.

3.2 Data Sources

The primary data source for the *JAMA* paper was the youth survey that asked respondents a variety of questions and had embedded within it a structured diagnostic interview to assess mental health disorders, based on portions of the World Health Organization's Composite International Diagnostic Interview (CIDI).[1] The youth survey was designed to take about 45 minutes.

3.3 Measures

The *JAMA* paper focused on the following mental health measures: major depressive disorder, panic disorder, posttraumatic stress disorder (PTSD), oppositional-defiant disorder, intermittent explosive disorder, and conduct disorder. The version of the CIDI module for PTSD included on the MTO survey contained fewer questions than the full CIDI battery, so we used responses to the questions that were included to generate a predicted probability of meeting the disorder among respondents who meet the disorder in a nationally representative sample, the National Comorbidity Survey (www.hcp.med.harvard.edu/ncs). See Appendices C and D for additional information about the construction of these measures and the code.

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[1] For more information, see Kessler and Üstün (2004).

4.   Datasets

4.1   Pre-Imputation Dataset (mto_jama_preimp_20160111.sas7bdat)

The pre-imputation dataset is a person-level file that includes data on the 3,689 youth ages 13-17 as of December 31, 2007 who were eligible for interview as part of the MTO long-term evaluation, 2,872 of whom were successfully interviewed.[2] Variables on the dataset include basic MTO program and demographic information, the mental health disorder outcomes analyzed for the paper, the raw variables used to code the disorder variables, and other household and neighborhood information used for the imputation of the missing the data. When accessing the dataset, the user can apply the SAS formats that are provided in the "mto_jama_formats_20160109.sas" program.

As this dataset is PRIOR to the imputation, the dataset contains missing values. For example, the mental health outcomes are all missing for youth who were not interviewed as part of the MTO long-term survey. However, all youth in the dataset have MTO program information and individual- and household-level baseline data (with the exception of a small number of observations with missing values for individual items).[3]

Variable naming conventions are as follows:

- The mental health disorder outcomes use the *f_mh_** prefix, except for conduct disorder (*ymh_cd_3x_y*) .
- Baseline covariates use the *x_f_** and *ymh_cov_** prefixes.
- The raw data variable names begin with a three-character prefix representing the modules of the MTO youth long-term survey/CIDI mental health disorder (note that not all disorders assessed in the survey were analyzed for the *JAMA* paper, but they are included here for completeness):
  - *YK6** - psychological distress (K6) index
  - *YSC** - CIDI mental health screener
  - *YDE** - CIDI major depressive disorder
  - *YMA** - CIDI mania
  - *YPD** - CIDI panic disorder
  - *YGA** - CIDI generalized anxiety disorder
  - *YIE** - CIDI intermittent explosive disorder
  - *YOD** - CIDI oppositional-defiant disorder (also includes behavior problem items borrowed from the National Longitudinal Survey of Youth)

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[2] An additional three youth in the 13-17 age range (for a total of 2,875) were also interviewed, but because they completed the short-form version of the survey instrument (which was available only to hard-to-reach youth at the end of the fielding period), they did not complete the mental health disorder modules of the survey and therefore were counted as non-interviews for the purposes of the *JAMA* paper.

[3] Note that the inclusion of baseline covariates with missing data is unique to the *JAMA* paper pre-imputation RAD. In other MTO datasets, including those used for the analysis presented in other publications, the standard approach has been to impute missing values by randomization site and period for adult- and household-level measures and by randomization site and period, gender, and baseline age for child-level covariates. Therefore if the user were to merge the *JAMA* pre-imputation file with other MTO data, the baseline covariate values would not align in some cases.

- *YRB** - risky behavior (including non-CIDI items used to generate the conduct disorder measure)
- *YCV** - non-CIDI crime victimization items and CIDI posttraumatic stress disorder

Table 1. Key Variables on the Pre-Imputation Dataset (mto_jama_preimp_20160111.sas7bdat)

Description	Variables
Treatment Group Categories	**ra_group** 1 = Low-poverty voucher (LPV) group (also called the Experimental group) 2 = Traditional voucher (TRV) group (also called the Section 8 group) 3 = Control group
Treatment Group Dummy Variables	**ra_grp_exp** – flag for the LPV (or experimental) group **ra_grp_s8** – flag for the TRV (or Section 8) group **ra_grp_control** – flag for the control group
Compliance Status	**f_svy_cmove** – flag indicating that the family moved using an MTO housing voucher or certificate (LPV or TRV) 1 = core mover (complier) 0 = not a core mover
Site Categories	**ra_site** – the MTO site at which the family enrolled: 1 = Baltimore 2 = Boston 3 = Chicago 4 = Los Angeles 5 = New York City
Gender	**x_f_ch_male** – 1 = male, 0 = female
Age variables	**x_f_ch_ageXX** – Flag for year of age as of December 31, 2007, where XX ranges from 13 to 17 in the *JAMA* paper sample **f_svy_age_bl_imp** – Age at baseline **x_f_ch_bl_age617** – 1 = ages 6-17 at baseline, 0 = ages 0-5 **f_svy_age_iw** – Age as of final survey interview date (interviews occurred in 2008-10)
Key Mental Health Outcomes	**f_mh_deph_y_yt** – Major depressive disorder **f_mh_pds_y_yt** – Panic disorder **f_mh_pts_y_yt** – Posttraumatic stress disorder (PTSD) **f_mh_odd_y_yt** – Oppositional-defiant disorder **f_mh_ied_y_yt** – Intermittent explosive disorder **ymh_cd_3x_y** – Conduct disorder For all outcomes: 1 = Had disorder in the past year 0 = Never had disorder or did not have disorder in past year

Table 1. (continued)

Additional PTSD outcomes	**ymh_pts_event_count** – Count of PTSD events that the youth has ever experienced (range 0 to 11) **ymh_pts_event_ge1**, **ymh_pts_event_ge2** & **ymh_pts_event_ge3** – Flags indicating that the youth experienced at least 1, 2 or 3 PTSD events, respectively (1 = experienced at least X traumatic events, 0 = experienced fewer than X traumatic events, where X is 1, 2 or 3)
Interview Flag	**flag_paper_jama** – Long-term survey interview flag 1 = Interviewed (N=2,872) 0 = Not interviewed (N=817)
Masked Census Tract ID Variable	**f_svy_bl_tract_masked_id** – Masked version of census tract ID number for baseline address (range 1 to 212)
Identification Variables	**famid** – family-level identification variable (7 digits) **ppid** – individual-level identification variable (first 7 digits are the *famid*)
Analysis Weight	**f_wt_totcore98 -** probability weight to apply when analyzing the data*

* A different weight (*f_wt_totsvy*) should be applied if the user is analyzing only the subset of interviewed youth (*flag_paper_ymh*=1).

4.2   Analysis Dataset (*mto_jama_impute_20160111.sas7bdat*)

This analysis dataset for the *JAMA* paper was generated from the above-referenced pre-imputation dataset via the imputation program ("1_mto_jama_impute_20160111.sas"). The dataset contains 73,420 records, one record for each of the 20 imputations of missing data that were run for the 3,671 youth who were included in the analysis.[4] The dataset contains 145 variables and is limited to the key mental health disorder variables and the variables used for the imputation, plus some recodings of those variables (see Appendix B for a complete list of variables). The variable called *_Imputation_* contains the number of the imputation (1 to 20).

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[4] As noted above, the pre-imputation dataset includes the sample frame of N=3,689 youth ages 13-17 as of December 2007, of whom 17 died during the follow-up period of the MTO study. Those 17 youth are excluded before the imputation is run and thus are not on the analysis dataset, which contains 3,671 x 20 = 73,420 records.

5. Programs to Impute and Analyze the Data

The three key steps that will allow the user to replicate the main findings presented in the *JAMA* paper are the imputation of missing data, the regression analysis that generated the mental health disorder results, and the adjustment of the p-values from the regression analysis for the false discovery rate.[5]

5.1 Imputation Program: 1_mto_jama_impute_data_20160111.sas

The program "**1_mto_jama_impute_data_20160111.sas**" reads in the pre-imputation dataset described above, recodes some key variables, and then performs the multiple imputations of the missing data using SAS's PROC MI procedure. The program first imputes—separately by MTO treatment group—missing data for baseline information and MTO final survey data on traumatic events experienced, starting with the variables with the least missing data. The baseline information includes youth-specific items such as age and gender as well as household-level measures such as the head of household's marital and employment status and also neighborhood measures such as the census tract poverty rate. With the exception of item-level missingness, the baseline data are generally available (non-missing) for all youth on the dataset, including those not interviewed as part of the MTO final evaluation. But the traumatic events data and the mental health disorder data that are imputed in follow-up models are only non-missing (prior to imputation) for the interviewed sample (*flag_paper_*jama=1). Note that this program does not include the code that generated the mental health disorder outcomes from the raw survey data. Information on the coding of those outcomes is available in Appendices C and D.

5.2 Analysis Program: 2_mto_jama_assoc_20160111.sas

The SAS program "**2_mto_jama_assoc_20160111.sas**" uses the multiply imputed dataset (created by 1_mto_jama_impute_20160111.sas) to estimate the absolute risk (AR) of each disorder and to estimate the absolute risk reduction (ARR) and odds ratio associated with assignment to the LPV or TRV group. The program replicates the combined results for boys and girls that were presented in Table 4 and the separate results for boys and girls presented in Table 5 of the *JAMA* paper. Logistic regression coefficients and standard errors were exponentiated to create odd ratios and 95% confidence intervals. This program also generates unadjusted p-values that are fed into the false discovery rate program (see below). Mental disorder prevalence estimates in the intervention and control groups were used to calculate AR and ARR. The jack-knife repeated replications method was used to generate confidence intervals for AR and ARR after using randomization site and a masked census tract identification number to construct the strata and secu. All analyses are weighted (using *f_wt_totcore98*).[6] Appendix E presents the raw output generated by the analysis program. Results are output as Excel files, with one for the combined boys/girls results presented in Table 4 and a second for the separate boys and girls results presented in Table 5. (Note that the odds ratio p-values in this raw output do not match those presented in the paper—see below.)

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[5] This section focuses on the key analysis in Tables 4 and 5 of the *JAMA* paper, but other results (such as Figure 1 and the baseline characteristics means in Tables 1-3) can be replicated with the analysis dataset.
[6] Note that the run time on this program was about three hours.

5.3 P-value adjustment: 3_mto_jama_pvalues_20160111.sas

The SAS program "**3_mto_jama_pvalues_20160111.sas**" uses the Benjamini-Hochberg method to adjust the p-values for the false discovery rate. The input p-values are from the odds ratios generated by the "2_mto_jama_assoc_20160111.sas" program. These values have been hard coded (typed in) rather than read-in. Appendix F presents the output from this program, where the p-values in the "fdr*" columns match the results in Tables 4 and 5 in the *JAMA* paper.

References

Kessler, R.C., Duncan, G. J., Gennetian, L.A., Katz, L.F., Kling, J.R., Sampson, N.A., Sanbonmatsu, L., Zaslavsky, A.M., and Ludwig, J. (2014). Associations of Housing Mobility Interventions for Children in High-Poverty Neighborhoods With Subsequent Mental Disorders During Adolescence. *JAMA*, 311(9): 937-948.

Kessler, R. C., and Merikangas, K. R (2004). The National Comorbidity Survey Replication (NCS-R): Background and aims. *Int. J. Methods Psychiatr. Res.* **13**, 60.

Kling, J. R., Liebman, J. B., and Katz, L. F. (2007) Experimental Analysis of Neighborhood Effects. *Econometrica* **75**, 83.

Orr, L., Feins, J.D., Jacob, R., Beecroft, E. , Sanbonmatsu, L. , Katz, L.F., Liebman, J.B., and Kling, J.R. (2003) *Moving to Opportunity for Fair Housing Demonstration Program: Interim Impacts Evaluation*. (U.S. Department of Housing and Urban Development, Office of Policy Development and Research, Washington, DC); available at www.huduser.org/Publications/pdf/MTOFullReport.pdf.

Sanbonmatsu, L., Ludwig, J., Katz, L.F., Gennetian, L.A., Duncan, G.J., Kessler, R.C., Adam, E. , McDade, T.W. , and Tessler Lindau, S. (2011) *Moving to Opportunity for Fair Housing Demonstration Program: Final Impacts Evaluation*. (U.S. Department of Housing and Urban Development, Office of Policy Development and Research, Washington, DC, 2011); available at www.huduser.org/portal/publications/pubasst/MTOFHD.html.

Appendix A. Variable List for the *JAMA* Paper Pre-Imputation Dataset

mto_jama_preimp_20160111.sas7bdat

(3,689 observations, 492 variables)

Variable	Type	Len	Format	Label
ppid	Char	10	$10.00	Person Identifier
famid	Char	7	$7.00	Family Identifier
ra_group	Num	3	GROUP.	Randomization grp (1=Low-PovVouch/Exp, 2=TradVouch/Sec8, 3=Control)
ra_grp_exp	Num	3	LPV.	Low-Poverty Voucher/Experimental group (1=LPV/Exp)
ra_grp_s8	Num	3	TRV.	Traditional Voucher/Section 8 Group (1=TRV/S8)
ra_grp_control	Num	3	CONTROL.	Control group flag (1=control)
f_svy_age_bl_imp	Num	3		Imputed age at baseline in whole years
f_svy_age_iw	Num	3		Age as of final survey interview date
ra_site	Num	3	SITE.	Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)
ra_date	Num	4	MMDDYY.	Date of random assignment (range 1994-1998)
f_svy_sample2007	Char	2		Final Survey Sample (YT=selected for IW/EY=not selected)
f_svy_final_disp	Char	5		Final Survey Final Disposition Code
f_svy_final_desc	Char	42		Final Survey Final Disposition Code Description
flag_paper_jama	Num	3	JAMA.	JAMA paper flag: non-short-form interviewed YT ages 13-17
f_wt_totcore98	Num	8	BEST10.	Total Weight for Analysis of All Eligible Youth (N=6645)
f_wt_totsvy	Num	8	BEST10.	Total Weight for Final Survey Self-Report Data
f_svy_phase2_elig	Num	3	PH2ELIG.	Eligible for Final Survey Phase 2 Interview
f_svy_phase2_sel	Num	3	PH2SEL.	Selected for Final Survey Phase 2 Interview
f_svy_tot_yt_elig	Num	3		# Core YT 10-20 (as of 12/31/07) Eligible for Final Survey
f_svy_bl_tract_masked_id	Num	4		Masked ID for baseline census tract (range 1 to 212)
f_c9010t_perpov_bl	Num	8		Census tract share poor at baseline address
f_svy_bl_mov_drug_gang_nomiss	Num	3	MOV1DRG.	At baseline 1st reason want to move=drugs/gangs
ymh_cov_ad_ethrace_black_nonhisp	Num	8	BLACKNH.	Sample adult is African-American (non-Hispanic)
ymh_cov_ad_ethrace_hisp_anyrace	Num	8	HISP.	Sample adult is Hispanic (any race)
ymh_cov_ad_ethrace_other_nonhisp	Num	8	OTHRACE.	Sample adult is of a racial group other than African-American or white (non-Hispanic)
ymh_cov_ad_ethrace_ref	Num	8	WHITENH.	Adult race/ethnicity reference category (white non-Hispanic)
ymh_cov_hh_inc_le7k	Num	8	INC7X.	Baseline household income is less than or equal to $7,000 (2009 dollars)
ymh_cov_hh_inc_le9k	Num	8	INC9X.	Baseline household income is less than or equal to $9,000 (2009 dollars)
ymh_cov_hh_inc_le12k	Num	8	INC12X.	Baseline household income is less than or equal to $12,000 (2009 dollars)
ymh_cov_hh_inc_le17k	Num	8	INC17X.	Baseline household income is less than or equal to $17,000 (2009 dollars)

Appendix A – Variable List for the *JAMA* Paper Pre-Imputation File

Variable	Type	Len	Format	Label
ymh_cov_ad_single_mother	Num	8	SINGLE.	At baseline, sample adult was a single mother
f_mh_deph_y_yt	Num	3	DEPHYR.	DSM-IV Major Depressive Disorder(12 month) - YT
ymh_bipolar_i_ii_y	Num	3	BIP12X.	DSM-IV Bipolar I or II (12 month) - YT
f_mh_pds_y_yt	Num	3	PDSYR.	DSM-IV Panic Disorder(12 month) - YT
f_mh_pts_y_yt	Num	3	PTSYR.	DSM-IV Posttraumatic Stress Disorder(12 month) - YT
f_mh_odd_y_yt	Num	3	ODDYR.	DSM-IV Oppositional Defiant Disorder(12 month) - YT
f_mh_ied_y_yt	Num	3	IED.	DSM-IV Intermittent Explosive Disorder(12 month) - YT
ymh_cd_3x_y	Num	3	CD3X.	Conduct Disorder: 3+ instances of 3 of 5 behaviors (flag)
ymh_pts_event_count	Num	3	BEST8.	Count of PTSD events experienced (max=11, YCV1-YCV11)
ymh_pts_event_ge1	Num	3	PTSEV1X.	Experienced at least 1 PTSD event (YCV1-YCV11)
ymh_pts_event_ge2	Num	3	PTSEV2X.	Experienced at least 2 PTSD events (YCV1-YCV11)
ymh_pts_event_ge3	Num	3	PTSEV3X.	Experienced at least 3 PTSD events (YCV1-YCV11)
x_f_ad_le_35	Num	8	XLT35Y.	AD age 35 or younger as of 12/31/07 (1=age <35)
x_f_ad_36_40	Num	8	X3640Y.	AD age 36 to 40 as of 12/31/07 (1=age 36-40)
x_f_ad_41_45	Num	8	X4145Y.	AD age 41 to 45 as of 12/31/07 (1=age 41-45)
x_f_ad_46_50	Num	8	X4650Y.	AD age 46 to 50 as of 12/31/07 (1=age 46-50)
x_f_ad_edged	Num	8	XGED.	At baseline, AD had a GED (1=had ged)
x_f_ad_edgradhs	Num	8	XHS.	At baseline, AD completed high school (flag)
x_f_ad_edinsch	Num	8	XENROL.	At baseline, AD enrolled in school (1=in school)
x_f_ad_nevmarr	Num	8	XNVRMAR.	At baseline, AD never been married (1=never married)
x_f_ad_parentu18	Num	8	XLT18Y.	At baseline, AD < age 18 at birth of 1st child
x_f_ad_working	Num	8	XWORK.	At baseline, AD working for pay (1=working for pay)
x_f_hh_afdc	Num	8	XTANF.	At baseline, hhld receiving AFDC/TANF (1=receive welf)
x_f_hh_car	Num	8	XCAR.	At baseline, hhld owned a car (1=owned a car)
x_f_hh_disabl	Num	8	XDISAB.	At baseline, a hhld member had a disability (flag)
x_f_hh_noteens	Num	8	XNOTEEN.	At baseline, no teens (ages 13-17) in hhld (flag)
x_f_hh_size2	Num	8	X2HHLD.	At baseline hhld size is 2 or smaller (1=size is <=2)
x_f_hh_size3	Num	8	X3HHLD.	At baseline hhld size is 3 (1=size is 3)
x_f_hh_size4	Num	8	X4HHLD.	At baseline hhld size is 4 (1=size is 4)
x_f_hh_victim	Num	8	XVICTIM.	At baseline, hhld member victimized past 6 mos (flag)
x_f_hood_5y	Num	8	XNBHD5Y.	At baseline, hhhead living in nbhd. 5+ yrs (flag)
x_f_hood_chat	Num	8	XCHAT.	At baseline, hhhead chatted w/ neighbor>=1x/wk (flag)
x_f_hood_nbrkid	Num	8	XTELL.	At baseline, hhhead very likely tell on nbhd kid
x_f_hood_nofamily	Num	8	XNOFAM.	At baseline, hhhead has no family living in nbhd
x_f_hood_nofriend	Num	8	XNOFND.	At baseline, hhhead has no friends living in nbhd
x_f_hood_unsafenit	Num	8	XUNSAFE.	At baseline, nbhd. streets very unsafe at night
x_f_hood_verydissat	Num	8	XDISSAT.	At baseline, hhhead very dissatisfied with nbhd

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Variable	Type	Len	Format	Label
x_f_hous_fndapt	Num	8	XAPT.	At baseline, hhhead very sure of finding apt (flag)
x_f_hous_mov3tm	Num	8	XMOVED.	At baseline, hhhead had moved >3x in 5 yrs (1=flag)
x_f_hous_movdrgs	Num	8	XDRUGS.	At baseline 1st/2nd reason want to move=drug/crime
x_f_hous_movschl	Num	8	XMOVSCH.	At baseline 1st/2nd reason want to move: schools
x_f_hous_sec8bef	Num	8	XSEC8X.	At baseline, hhhead applied for Section 8 before
x_f_site_balt	Num	8	BALT.	AD in Baltimore Site (1=Baltimore, 0=Not Baltimore)
x_f_site_bos	Num	8	BOS.	AD in Boston Site (1=Boston, 0=Not Boston)
x_f_site_chi	Num	8	CHI.	AD in Chicago Site (1=Chicago, 0=Not Chicago)
x_f_site_la	Num	8	LA.	AD in LA Site (1=Los Angeles, 0 Not Los Angeles)
x_f_ch_age13	Num	8	XAGE13Y.	Youth age 13 as of 12/31/07
x_f_ch_age14	Num	8	XAGE14Y.	Youth age 14 as of 12/31/07
x_f_ch_age15	Num	8	XAGE15Y.	Youth age 15 as of 12/31/07
x_f_ch_age16	Num	8	XAGE16Y.	Youth age 16 as of 12/31/07
x_f_ch_age17	Num	8	XAGE17Y.	Youth age 17 as of 12/31/07
x_f_ch_male	Num	8	GENDER.	Male YT flag (1=male/0=female)
x_f_ch_bl_age617	Num	8	BL617X.	At baseline, YT age 6-17 (1=age 6-17/0=age 0-5)
x_f_ch_schplay	Num	8	XSCH.	At baseline, YT sport/game/get to school prob (flag)
x_f_ch_specmed	Num	8	XMED.	At baseline, YT required special medicine (flag)
x_f_c2_hosp	Num	8	XHOSP.	YT (0-5 at BL) in hospital before 1st birthday
x_f_c2_lowbw	Num	8	XLOW.	YT (0-5 at baseline) weighed less than 6 pounds at birth
x_f_c2_read	Num	8	XREAD.	YT (0-5 at BL) was read to 1+ times per day
YK61	Num	8	T81F.	K6 Inconsolable: [Preamble...] How much of the time during the past 30 days have you felt so sad that nothing could cheer you up: all of the time, most of the time, some of the time, a little of time, or none of the time?
YK62	Num	8	T81F.	K6 Nervous: (How much of the time during the past 30 days have you felt...) Nervous? (Would you say all of the time, most of the time, some of the time, a little of the time, or none of the time?)
YK63	Num	8	T81F.	K6 Restless or Fidgety: (How much of the time during the past 30 days have you felt...) Restless or fidgety? (Would you say all of the time, most of the time, some of the time, a little of the time, or none of the time?)
YK64	Num	8	T81F.	K6 Hopeless: (How much of the time during the past 30 days have you felt...) Hopeless? (Would you say all of the time, most of the time, some of the time, a little of the time, or none of the time?)
YK65	Num	8	T81F.	K6 Everything an Effort: (How much of the time during the past 30 days have you felt...) That everything was an effort? (Would you say all of the time, most of the time, some of the time, a little of the time, or none of the time?)

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Variable	Type	Len	Format	Label
YK66	Num	8	T81F.	K6 Worthless: (How much of the time during the past 30 days have you felt...) Worthless? (Would you say all of the time, most of the time, some of the time, a little of the time, or none of the time?)
YK67	Num	8	T81F.	K6 Tranquil: (How much of the time during the past 30 days have you felt...) Calm and peaceful? (Would you say all of the time, most of the time, some of the time, a little of the time, or none of the time?)
YK68	Num	8	T82F.	Being Obedient: The next questions are about your general behavior. For each question, please tell me if the statement is not true, somewhat true, or very true. I am generally obedient, I usually do what adults request.
YK69	Num	8	T82F.	Being Worried: I have many worries, I often feel worried. (Is this statement not true, somewhat true, or very true?)
YK610	Num	8	T82F.	Being UnHappy/Depressed: I am often unhappy, depressed, or tearful. (Is this statement not true, somewhat true, or very true?)
YK611	Num	8	T82F.	Get Along Better w/ Adults: I get along better with adults than with people my own age. (Is this statement not true, somewhat true, or very true?)
YK612	Num	8	T82F.	Have a Good Attention Span: I see tasks through to the end, I have a good attention span. (Is this statement not true, somewhat true, or very true?)
YSC1_SC20	Num	8	T4F.	Had Fear/Panic Attack: [Preamble...] Have you ever in your life had an attack of fear or panic when all of a sudden you felt very frightened, anxious, or uneasy?
YSC2_SC20A	Num	8	T4F.	Had Other Attack: Have you ever had an attack when all of a sudden: you became very uncomfortable, you either became short of breath, dizzy, nauseous, or your heart pounded, or you thought that you might lose control, die, or go crazy?
YSC3_SC20_1	Num	8	T4F.	Attack Broken Things: Have you ever in your life had attacks of anger when all of a sudden you lost control and broke or smashed something worth more than a few dollars?
YSC4_SC20_2	Num	8	T4F.	Attack Hurt Someone: Have you ever had attacks of anger when all of a sudden you lost control and hit or tried to hurt someone?
YSC5_SC20_3	Num	8	T4F.	Attack Threatened Someone: Have you ever had attacks of anger when all of a sudden you lost control and threatened to hit or hurt someone?
YSC6_SC21	Num	8	T4F.	Brief Episode Depressed: Have you ever in your life had an episode lasting several days or longer when most of the day you felt sad , empty or depressed ?
YSC7_SC22	Num	8	T4F.	Brief Episode Discourage: Have you ever had an episode lasting several days or longer when most of the day you were very discouraged or hopeless about how things were going in your life?
YSC8_SC23	Num	8	T4F.	Brief Episode No Interest: Have you ever had an episode lasting several days or longer when you lost interest and became bored in most things you usually enjoy like work, hobbies, and personal relationships?

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Variable	Type	Len	Format	Label
YSC9_SC24	Num	8	T4F.	Brief Episode Overexcited: Some people have episodes...when they feel excited/full of energy, minds go too fast, talk a lot, very restless, do unusal things. Have you ever had a period like this lasting several days or longer?
YSC11_SC25A	Num	8	T4F.	Brief Episode Argue/Shout: Have you ever had an episode lasting several days or longer when most of the time you were so irritable, grumpy or in a bad mood that you either started arguments, shouted at people, or hit people?
YSC12_SC26	Num	8	T4F.	Ever Have Worrier Period: Did you ever have a time in your life when you were a 'worrier' - that is, when you worried a lot more about things than other people with the same problems as you?
YSC13_SC26A	Num	8	T4F.	Ever Over Anxious/Nervous: Did you ever have a time in your life when you were much more nervous or anxious than most other people with the same problems as you?
YSC14_SC26B	Num	8	T4F.	Month+ Anxious/Nervous: Did you ever have a period lasting one month or longer when you were anxious and worried most days?
YSC17_SC33	Num	8	T4F.	Trouble with Adults: Did you ever have a period lasting >=6 months when you often did things that got you in trouble with adults such as losing your temper, arguing or talking back to adults [full question text listed other examples]?
YSC21_SC36_CHKPT	Num	8	T83F.	Interviewer Checkpoint YSC21_SC36
YDE1_D1	Num	8	T4F.	DE Discouraged: [Preamble...] During episodes of this sort, did you ever feel discouraged about how things were going in your life?
YDE1A_D1A	Num	8	T4F.	DE No Interest: During the episodes of being sad, empty, or depressed, did you ever lose interest in most things like work, hobbies, and other things you usually enjoy?
YDE1B_D1B	Num	8	T4F.	DE No Interest 2: During the episodes of being sad, empty, or depressed, did you ever lose interest in most things like work, hobbies, and other things you usually enjoy?
YDE2_D2	Num	8	T4F.	Discouraged & No Interest: [Preamble...] During episodes of this sort, did you ever lose interest in most things like work, hobbies, and other things you usually enjoy?
YDE3_D9	Num	8	T4F.	2 Week+ No Interest Period: [Preamble...] Did you ever have an episode of this sort that lasted most of the day nearly very day for two weeks or longer?
YDE4_D12	Num	8	T4F.	DE Over 2 Weeks: Did you ever have an episode of being [sad/discouraged/unint 1] that lasted most of the day , nearly every day , for two weeks or longer?
YDE5_D16	Num	8	T84F.	DE Feelings Duration: [Preamble...] During those times, did your feelings of [sadness/discouragement/loss of interest] usually last less than one hour a day, between 1 and 3 hours, between 3 and 5 hours, or more than 5 hours?
YDE6_D22	Num	8	T4F.	DE Worst Ever: [Preamble...] Is there one particular episode of this sort that stands out in your mind as the worst one you ever had?
YDE6A_D22A	Num	8	TNUM.	DE Worst Ever Age: How old were you when that worst episode started? [ENTER number of years of age]

Variable	Type	Len	Format	Label
YDE6B_D22B	Num	8	TNUM.	DE Worst Ever Duration: How long did that worst episode last? [ENTER length of duration]
YDE6C_D22B	Num	8	T85F.	DE Worst Ever Unit Duration: (How long did that worst episode last?) [ENTER unit of time]
YDE6D_D22C	Num	8	TNUM.	Recent DE Age: Then think of the last time you had a bad episode of being [sad/discouraged/uninterested] like this. How old were you when that last episode occurred? [Enter Age]
YDE6E_D22D	Num	8	TNUM.	Recent DE Duration: How long did that episode last? [ENTER length of duration]
YDE6F_D22D	Num	8	T85F.	Recent DE Unit Duration: (How long did that episode last?) [ENTER unit of time]
YDE7A_D24A	Num	8	T4F.	DE Sad Empty Depressed: [Preamble...] Did you feel sad, empty, or depressed most of the day nearly every day during that episode of two weeks?
YDE7B_D24C	Num	8	T4F.	DE Discouraged: [Preamble...] During that episode of two weeks, did you feel discouraged about how things were going in your life most of the day nearly every day?
YDE7C_D24E	Num	8	T4F.	DE No Interest: [Preamble...] During that episode of two weeks, did you lose interest in almost all things like work and hobbies and things you like to do for fun?
YDE7D_D24F	Num	8	T4F.	DE No Fun: [Preamble...] Did you feel like nothing was fun even when good things were happening?
YDE8_D25	Num	8	T86F.	eckpoint: Interviewer Checkpoint for YDE7 Series
YDE9A_D26A	Num	8	T4F.	DE Smaller Appetite: Did you have a much smaller appetite than usual nearly every day during that episode of two weeks?
YDE9B_D26B	Num	8	T4F.	DE Larger Appetite: Did you have a much larger appetite than usual nearly every day?
YDE9C_D26C	Num	8	T4F.	DE Weight Gain: Did you gain weight without trying to during that episode of two weeks? [If R reports being pregnant or growing, CODE 'No']
YDE9D_D26E	Num	8	T4F.	DE Weight Loss: Did you lose weight without trying to? [If R reports being on a diet or physically ill, CODE 'No']
YDE9E_D26G	Num	8	T4F.	DE Trouble Sleeping: Did you have a lot more trouble than usual either falling asleep, staying asleep, or waking too early nearly every night during that episode of two weeks?
YDE9F_D26H	Num	8	T4F.	DE Too Much Sleep: Did you sleep a lot more than usual nearly every night during that episode of two weeks?
YDE9G_D26J	Num	8	T4F.	DE Low Energy: Did you feel tired or low in energy nearly every day during that episode of two weeks even when you had not been working very hard?
YDE9H_D26L	Num	8	T4F.	DE Talk/Move Slowly: Did you talk or move more slowly than is normal for you nearly every day?
YDE9I_D26M	Num	8	T4F.	DE Anyone Notice Slow: Did anyone else notice that you were talking or moving slowly?

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YDE9J_D26N	Num	8	T4F.	DE Very Restless: Were you so restless or jittery nearly every day that you paced up and down or couldn't sit still?
YDE9K_D26O	Num	8	T4F.	DE Anyone Notice Restless: Did anyone else notice that you were restless?
YDE9L_D26P	Num	8	T4F.	DE Thought Problems: Did your thoughts come much more slowly than usual or seem mixed up nearly every day during that episode of two weeks?
YDE9M_D26R	Num	8	T4F.	DE Trouble Concentrating: Did you have a lot more trouble concentrating than is normal for you nearly every day?
YDE9N_D26S	Num	8	T4F.	DE Trouble Deciding: Were you unable to make up your mind about things you ordinarily have no trouble deciding about?
YDE9O_D26U	Num	8	T4F.	DE Not As Good As Others: Did you feel down on yourself, no good, worthless nearly every day?
YDE9P_D26AA	Num	8	T4F.	DE Think About Death: Did you often think a lot about death, either your own, someone else's, or death in general?
YDE9Q_D26BB	Num	8	T4F.	DE Think Better If Dead: During that episode, did you ever think that it would be better if you were dead?
YDE9R_D26CC	Num	8	T4F.	DE Consider Suicide: Did you think about committing suicide?
YDE7_YDE9COUNTER	Num	8	TNUM.	YDE7_YDE9 Series Counter: Counter for YDE7 Series and YDE9a-YDE9r Series for Value Assignment to YDE10_D27 Checkpoint
YDE10_D27	Num	8	T87F.	eckpoint: Interviewer Checkpoint for YDE7 Series and YDE9a-r Series
YDE11_D28	Num	8	T88F.	DE Depression Interfered: [Preamble...] How much did your [sadness/discouragement/loss of interest]...interfere with your work, social life, or personal relationships during that episode - not at all, a little, some, a lot, or extremely?
YDE12_D17	Num	8	T89F.	DE Emotional Distress: How severe was your emotional distress during that episode -- mild, moderate, severe, or very severe?
YDE13_D37	Num	8	T4F.	1st DE Recall Age: [Preamble...] Can you remember your exact age?
YDE13A_D37A	Num	8	TNUM.	1st DE Exact Age: ([If necessary:] How old were you?) [Enter Age]
YDE13B_D37B1	Num	8	TNUM.	First DE Approx Age: About how old were you (the first time you had an episode of this sort)? If 'All my life' or 'As long as I can remember,' ENTER [Ctrl-D] [Enter Age]
YDE13C_D37B2	Num	8	T4F.	First DE Before School: Was it before you started school?
YDE13D_D37B3	Num	8	T4F.	First DE Before Teenager: Was it before you were a teenager?
YDE14_D38	Num	8	T4F.	DE Past Year: Did you have an episode of being [sad/discouraged/uninterested] with some of the other problems lasting two weeks or longer at any time in the past 12 months ?
YDE14A_D38B	Num	8	TNUM.	Days in DE Past Year: About how many days out of the last 365 were you in an episode? [ENTER number of days]

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Variable	Type	Len	Format	Label
YDE14B_D38C	Num	8	TNUM.	Age at Last DE: How old were you the last time you had one of these episodes? [Enter Age]
YDE15_D88_CHKPT	Num	8	T90F.	YDE18_D88 Checkpoint: Routing Checkpoint
YMA1_M1	Num	8	T4F.	Ever Over Excited Episode: [Preamble...] Did you ever have any of these changes during your episodes of being excited and full of energy?
YMA2_M3	Num	8	T4F.	Worst OEE Recall: Please think of the one episode when you were very excited and full of energy and you had the largest number of changes like these at the same time. Is there one episode of this sort that stands out in your mind?
YMA2A_M3A	Num	8	TNUM.	Worst OEE Age: How old were you when that episode occurred? [Enter Age]
YMA2B_M3B	Num	8	TNUM.	Worst OEE Duration: How long did that episode last? [ENTER length of duration]
YMA2C_M3B	Num	8	T91F.	Worst OEE Unit Duration: (How long did that episode last?) [ENTER unit of time]
YMA2D_M3C	Num	8	TNUM.	Most Recent OEE Age: Then think of the most recent time you had an episode like this. How old were you when that most recent episode occurred? [Enter Age]
YMA2E_M3D	Num	8	TNUM.	Most Recent OEE Duration: How long did that episode last? [ENTER length of duration]
YMA2F_M3D	Num	8	T91F.	Most Recent OEE Unit Duration: (How long did that episode last?) [ENTER unit of time]
YMA3_M4	Num	8	T4F.	Recent OEE Argue/Shout: During that episode, which of the following behavior changes did you experience: were you so irritable or grouchy that you started arguments, shouted at people, or hit people?
YMA4_M5	Num	8	T4F.	Ever Irritable Grouchy Ep: [Preamble...] Did you ever have any of these changes during your episodes of being very irritable or grouchy?
YMA5_M6	Num	8	T4F.	Most IGE Recall: Please think of the episode of four days or more when you were very irritable or grouchy and you had the largest number of changes like these at the same time. Is there one episode of this sort that stands out in your mind?
YMA6A_M6A	Num	8	TNUM.	Worst IGE Age: How old were you when that episode occurred? [Enter Age]
YMA6B_M6B	Num	8	TNUM.	Worst IGE Duration: How long did that episode last? [ENTER length of duration]
YMA6C_M6B	Num	8	T91F.	Worst IGE Unit Duration: (How long did that episode last?) [ENTER unit of time]
YMA6D_M6C	Num	8	TNUM.	Most Recent IGE Age: Then think of the most recent time you had an episode like this. How old were you when that episode occurred? [Enter Age]
YMA6E_M6D	Num	8	TNUM.	Most Recent IGE Duration: How long did that episode last? [ENTER length of duration]
YMA6F_M6D	Num	8	T91F.	Most Recent IGE Unit Duration: (How long did that episode last?) [ENTER unit of time]
YMA7A_M7A	Num	8	T4F.	IGE Restless: [Preamble...] Did you become so restless or fidgety that you paced up and down or couldn't stand still?

Variable	Type	Len	Format	Label
YMA7B_M7B	Num	8	T4F.	IGE More Sex Interest: ([Preamble...]) Were you a lot more interested in sex than usual, or did you want to have sexual encounters with people you wouldn't ordinarily be interested in?
YMA7C_M7C	Num	8	T4F.	IGE Overly Friendly: ([Preamble...]) Did you become overly friendly or outgoing with people?
YMA7D_M7D	Num	8	T4F.	IGE Inappropriate Behavior: ([Preamble...]) Did you do anything else that wasn't usual for you -- like talking about things you would normally keep private, or acting in ways that you'd usually find embarrassing?
YMA7E_M7E	Num	8	T4F.	IGE Impossible Tasks: ([Preamble...]) Did you try to do things that were impossible to do, like taking on large amounts of work?
YMA7F_M7F	Num	8	T4F.	IGE Over Talkative: ([Preamble...]) Did you talk a lot more than usual or feel a need to keep talking all the time?
YMA7G_M7G	Num	8	T4F.	IGE Change Plans Freq: ([Preamble...]) Did you constantly keep changing your plans or activities?
YMA7H_M7H	Num	8	T4F.	IGE Trouble Concentrating: ([Preamble...]) Did you find it hard to keep your mind on what you were doing?
YMA7I_M7I	Num	8	T4F.	IGE Racing Thoughts: ([Preamble...]) Did your thoughts seem to jump from one thing to another or race through your head so fast you couldn't keep track of them?
YMA7J_M7J	Num	8	T4F.	IGE Insomnia: ([Preamble...]) Did you sleep far less than usual and still not get tired or sleepy?
YMA7K_M7K	Num	8	T4F.	IGE Money Schemes: ([Preamble...]) Did you get involved in foolish investments or schemes for making money?
YMA7L_M7L	Num	8	T4F.	IGE Money Trouble: ([Preamble...]) Did you spend so much more money than usual that it caused you to have financial trouble?
YMA7M_M7M	Num	8	T4F.	IGE Wild Behavior: ([Preamble...]) Did you do reckless things like driving too fast, staying out all night, or having casual or unsafe sex?
YMA7N_M7N	Num	8	T4F.	IGE Overly Confident: ([Preamble...]) Did you have a greatly exaggerated sense of self-confidence or believe you could do things you really couldn't do?
YMA7O_M7O	Num	8	T4F.	IGE Someone Else/Famous: ([Preamble...]) Did you have the idea that you were actually someone else , or that you had a special connection with a famous person that you really didn't have?
YMA7COUNTER	Num	8	TNUM.	YMA7 Series Counter: Counter for YMA7 Series for Value Assignment to YMAH8_M8 Checkpoint
YMA8_M8	Num	8	T92F.	YMAH8_M8 Checkpoint: Interviewer Checkpoint for YMA7 Series
YMA9_M9	Num	8	T88F.	ME Interfered with Life: [Preamble...] How much did these episodes ever interfere with either your work, your social life, or your personal relationships - not at all, a little, some, a lot, or extremely?

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Variable	Type	Len	Format	Label
YMA10_M18	Num	8	T4F.	First ME Recall Age: Think of the very first time in your life you had an episode lasting four days or longer when you became very [excited/irritable] and also had some of the behavior changes you just reported. Can you remember your exact age?
YMA10A_M18A	Num	8	TNUM.	First ME Exact Age: (How old were you?) [Enter Age]
YMA10B_M18B1	Num	8	TNUM.	First ME Approx Age: About how old were you the first time you had an episode of this sort? [If 'All my life' or 'As long as I can remember,' ENTER [Ctrl-D] [Enter Age]
YMA10C_M18B2	Num	8	T4F.	First ME Before School: Was it before you first started school?
YMA10D_M18B3	Num	8	T4F.	First ME Before Teenager: Was it before you were a teenager?
YMA11_M19	Num	8	T4F.	ME in Last Year: Did you have one of these episodes at any time in the past 12 months?
YMA12_M19C	Num	8	TNUM.	ME Weeks in Last Year: How many weeks in the past 12 months were you in one of these episodes? [ENTER number of weeks]
YMA13_M19D	Num	8	TNUM.	Most Recent ME Age: How old were you the last time you had one of these episodes? [Enter Age]
YMA14_M54_CHKPT	Num	8	T93F.	YMA14_M54 Checkpoint: Routing Checkpoint
YPD1COUNTER	Num	8	TNUM.	YPD1a Thru YPD1p Counter: YPD1a_PD1a through YPD1p_PD1p YES response counter
YPD1A_PD1A	Num	8	T4F.	PA Heart Racing: [Preamble...] Did your heart pound or race?
YPD1B_PD1B	Num	8	T4F.	PA Short of Breath: ([Preamble...]) Were you short of breath?
YPD1C_PD1C	Num	8	T4F.	PA Nausea: ([Preamble...]) Did you have nausea or discomfort in your stomach?
YPD1D_PD1D	Num	8	T4F.	PA Dizzy/Faint: ([Preamble...]) Did you feel dizzy or faint?
YPD1E_PD1E	Num	8	T4F.	PA Sweating: ([Preamble...]) Did you sweat?
YPD1F_PD1F	Num	8	T4F.	PA Tremble or Shake: ([Preamble...]) Did you tremble or shake?
YPD1G_PD1G	Num	8	T4F.	PA Dry Mouth: ([Preamble...]) Did you have a dry mouth?
YPD1H_PD1H	Num	8	T4F.	PA Choking: ([Preamble...]) Did you feel like you were choking?
YPD1I_PD1I	Num	8	T4F.	PA Chest Discomfort: ([Preamble...]) Did you have pain or discomfort in your chest?
YPD1J_PD1J	Num	8	T4F.	PA Fear Control Loss: ([Preamble...]) Were you afraid that you might lose control of yourself or go crazy?
YPD1K_PD1K	Num	8	T4F.	PA Feel Unreal: ([Preamble...]) Did you feel that you were 'not really there', like you were watching a movie of yourself?
YPD1L_PD1L	Num	8	T4F.	PA Feel Dream: ([Preamble...]) Did you feel that things around you were unreal or like a dream?
YPD1M_PD1M	Num	8	T4F.	PA Fear Passing Out: ([Preamble...]) Were you afraid that you might pass out?
YPD1M_PD1M_CHKPT	Num	8	T94F.	Interviewer Checkpoint YPD1m_PD1m to count number of YES responses in YPD1a - YPD1m
YPD1N_PD1N	Num	8	T4F.	PA Fear Death: ([Preamble...]) Were you afraid that you might die?

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Variable	Type	Len	Format	Label
YPD1N_PD1N_CHKPT	Num	8	T95F.	Interviewer Checkpoint YPD1n_PD1n to count number of YES responses in YPD1a - YPD1n
YPD1O_PD1O	Num	8	T4F.	PA Flushes/Chills: ([Preamble...]) Did you have hot flushes or chills?
YPD1O_PD1O_CHKPT	Num	8	T96F.	Interviewer Checkpoint YPD1o_PD1o to count number of YES responses in YPD1a - YPD1o
YPD1P_PD1P	Num	8	T4F.	PA Numbness: ([Preamble...]) Did you have numbness or tingling sensations?
YPD1P_PD1P_CHKPT	Num	8	T97F.	Interviewer Checkpoint YPD1p_PD1p to count number of YES responses in YPD1a - YPD1p
YPD2_PD3	Num	8	T98F.	PA 10min Symptom Peak: During your attacks how quickly did your problems [key phrases] reach their peak? Right away, w/i 5 minutes of the attack, b/w 5 and 10 minutes after the attack began, or longer than 10 minutes after the attacks began?
YPD3_PD4	Num	8	TNUM.	PA Total Number in Life: About how many of these sudden attacks have you had in your entire lifetime ? [ENTER number of attacks] [If R reports more than 900, ENTER 900] [If R reports 'More than I can remember', ENTER 995]
YPD4_PD17	Num	8	T4F.	Ever Out of the Blue PA: [Preamble...] Did you ever have an attack that occurred unexpectedly 'out of the blue?'
YPD4A_PD17A	Num	8	TNUM.	Number Out of the Blue PA: About how many attacks in your lifetime occurred unexpectedly 'out of the blue?' [ENTER number of attacks] [If R reports more than 900, ENTER 900] [If R reports 'More than I can remember', ENTER 995]
YPD4A_PD17A_CHKPT	Num	8	T99F.	Interviewer Checkpoint YPD4a_PD17a to check number of attacks in YPD4a_YPD17a
YPD5_PD9	Num	8	T4F.	First PA Recall Age: Can you remember your exact age the very first time you had one of these attacks?
YPD5A_PD9A	Num	8	TNUM.	First PA Recall Age: If necessary] How old were you? [Enter Age]
YPD5B_PD9B1	Num	8	TNUM.	First PA Approx Age: About how old were you? [Enter Age] [If 'All my life' or 'As long as I can remember,' ENTER [Ctrl-D]
YPD5C_PD9B2	Num	8	T4F.	First PA Before School: Was it before you first started school?
YPD5D_PD9B3	Num	8	T4F.	First PA Before Teenager: Was it before you were a teenager?
YPD6_PD22	Num	8	T88F.	OT Blue PA Interfere Life: How much did these unexpected 'out of the blue' attacks or worry about having another attack ever interfere with work, your social life, or personal relationships-not at all, a little, some, a lot or extremely?
YPD7_PD10	Num	8	T4F.	PA in Last Year: Did you have one of these attacks at any time in the past 12 months?
YPD7B_PD10B	Num	8	TNUM.	PA Weeks in Last Year: How many weeks in the past 12 months did you have at least one attack? [ENTER number of weeks]
YPD7C_PD10D	Num	8	TNUM.	Most Recent PA Age: How old were you the last time you had one of these attacks? [Enter Age]

Variable	Type	Len	Format	Label
YPD8A_PD13A	Num	8	T4F.	Post PA Fear Repeat: After having one of these attacks, did you ever have any of the following experiences: A month or more when you often worried that you might have another attack?
YPD8B_PD13B	Num	8	T4F.	Post PA Fear Consequences: After having one of these attacks, did you ever experience: A month or more when you worried that something terrible might happen because of the attacks (car accident, heart attack, lose control)?
YPD8C_PD13C	Num	8	T4F.	Post PA Affect Everyday: (After having one of these attacks, did you ever have any of the following experiences:) A month or more when you changed your everyday activities because of the attacks?
YPD8D_PD13D	Num	8	T4F.	Post PA Avoid Situations: (After having one of these attacks, did you ever have any of the following experiences:) A month or more when you avoided certain situations because of fear about having another attack?
YPD9_PD66_CHKPT	Num	8	T100F.	Interviewer Checkpoint YPD9_PD66
YGA1_G1__S_1	Num	8	T101F.	Causes of Anxiety, Response 1: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_2	Num	8	T101F.	Causes of Anxiety, Response 2: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_3	Num	8	T101F.	Causes of Anxiety, Response 3: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_4	Num	8	T101F.	Causes of Anxiety, Response 4: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_5	Num	8	T101F.	Causes of Anxiety, Response 5: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_6	Num	8	T101F.	Causes of Anxiety, Response 6: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_7	Num	8	T101F.	Causes of Anxiety, Response 7: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_8	Num	8	T101F.	Causes of Anxiety, Response 8: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?

Variable	Type	Len	Format	Label
YGA1_G1__S_9	Num	8	T101F.	Causes of Anxiety, Response 9: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_10	Num	8	T101F.	Causes of Anxiety, Response 10: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_11	Num	8	T101F.	Causes of Anxiety, Response 11: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_12	Num	8	T101F.	Causes of Anxiety, Response 12: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_13	Num	8	T101F.	Causes of Anxiety, Response 13: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_14	Num	8	T101F.	Causes of Anxiety, Response 14: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_15	Num	8	T101F.	Causes of Anxiety, Response 15: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_16	Num	8	T101F.	Causes of Anxiety, Response 16: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_17	Num	8	T101F.	Causes of Anxiety, Response 17: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_18	Num	8	T101F.	Causes of Anxiety, Response 18: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_19	Num	8	T101F.	Causes of Anxiety, Response 19: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_20	Num	8	T101F.	Causes of Anxiety, Response 20: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_21	Num	8	T101F.	Causes of Anxiety, Response 21: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?

Variable	Type	Len	Format	Label
YGA1_G1__S_22	Num	8	T101F.	Causes of Anxiety, Response 22: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_23	Num	8	T101F.	Causes of Anxiety, Response 23: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_24	Num	8	T101F.	Causes of Anxiety, Response 24: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_25	Num	8	T101F.	Causes of Anxiety, Response 25: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_26	Num	8	T101F.	Causes of Anxiety, Response 26: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_27	Num	8	T101F.	Causes of Anxiety, Response 27: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_28	Num	8	T101F.	Causes of Anxiety, Response 28: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1_G1__S_29	Num	8	T101F.	Causes of Anxiety, Response 29: Looking at page 30 in your booklet, what sorts of things were you [worried/nervous/anxious] about during that time? [Probe Up to 2 Examples] Anything else (that made you [worried/nervous/anxious])?
YGA1A_G1	Num	3	T101F.	Post-codes for Other Personal Problems (if HGA1 series item equals 13) [USE ONLY IN CONJUCTION WITH YGA1_G1__S_1-YGA1_G1__S_29]: Please specify
YGA1B_G1	Num	3	T101F.	Post-codes for Other Network Problems (if HGA1 series item equals 23) [USE ONLY IN CONJUCTION WITH YGA1_G1__S_1-YGA1_G1__S_29]: Please specify
YGA1C_G1	Num	3	T101F.	Post-codes for Other Society Problems (if HGA1 series item equals 29) [USE ONLY IN CONJUCTION WITH YGA1_G1__S_1-YGA1_G1__S_29]: Please specify
YGA2_G3	Num	8	T4F.	GAD Ever Excessive Worry: Do you think your [worry/nervousness/anxiety] was ever excessive or unreasonable or a lot stronger than it should have been?
YGA3_G4	Num	8	T20F.	GAD Control Worry Freq: How often did you find it difficult to control your [worry/nervousness/anxiety] -- often, sometimes, rarely, or never?
YGA4_G4A	Num	8	T20F.	GAD All Consuming Freq: How often were you so nervous or worried that you could not think about anything else, no matter how hard you tried -- often, sometimes, rarely, or never?

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Variable	Type	Len	Format	Label
YGA5A_G5	Num	8	TNUM.	GAD Longest Period: What is the longest period of months or years in a row you ever had when you were [worried/nervous/anxious] most days ? [If vol 'whole life' or 'as long as I can remember,' CODE '995 years'] [ENTER length of period]
YGA5B_G5	Num	8	T85F.	GAD Longest Period Unit: ENTER unit of time period]
YGA5C_G5	Num	8	T4F.	GAD Longest Period 6 Months: Did you ever have a period of time that lasted six months or longer?
YGA5D_G5	Num	8	T4F.	GAD Longest Period 1 Month: Did you ever have a period of time that lasted one month or longer?
YGA6_G6_CHKPT	Num	8	T102F.	Interviewer Checkpoint YGA6_G6
YGA7A_G9A	Num	8	T4F.	GAD Restless/On Edge: [Preamble...] During that episode, did you often have any of the following associated problems: Did you often feel restless, keyed up, or on edge?
YGA7B_G9B	Num	8	T4F.	GAD Tired Easily: [Preamble:] During that episode, did you often have any of the following associated problems: Did you often get tired easily?
YGA7C_G9C	Num	8	T4F.	GAD Irritable: [Preamble...] During that episode, did you often have any of the following associated problems: Were you often more irritable than usual?
YGA7D_G9D	Num	8	T4F.	GAD Trouble Concentrating: [Preamble...] During that episode, did you often have any of the following associated problems: Did you often have difficulty concentrating or keeping your mind on what you were doing?
YGA7E_G9E	Num	8	T4F.	GAD Muscles Problems: [Preamble...] During that episode, did you often have any of the following associated problems: Did you often have tense, sore, or aching muscles?
YGA7F_G9F	Num	8	T4F.	GAD Trouble Sleeping: [Preamble...] During that episode, did you often have any of the following associated problems: Did you often have trouble falling or staying asleep?
YGA7COUNTER	Num	8	TNUM.	YGA7 Series Counter: Counter for YGA7 series YES responses
YGA8A_G12_CHKPT	Num	8	T103F.	Interviewer Checkpoint YGA8a_G12
YGA9_G15	Num	8	T104F.	GAD Emotional Distress: How much emotional distress did you ever experience because of your [worry/nervousness/anxiety] - no distress, mild distress, moderate distress, severe distress, or very severe distress?
YGA10_G17	Num	8	T88F.	GAD Interfered with Life: How much did your [worry/nervousness/anxiety] ever interfere with either your work, your social life, or your personal relationships - not at all, a little, some, a lot, or extremely?
YGA10B_G17B_CHKPT	Num	8	T105F.	Interviewer Checkpoint YGA10b_G17b
YGA11_G26	Num	8	T4F.	First GAD Recall Age: Think of the very first time in your life you had an episode lasting [one month/six months] or longer when you were [worried/nervous/anxious] most days and also had [other problems]. Can you remember your exact age?
YGA11A_G26A	Num	8	TNUM.	First GAD Exact Age: (If nec:] How old were you?])] [Enter Age]

Variable	Type	Len	Format	Label
YGA11B_G26B1	Num	8	TNUM.	1st GAD Approx Age: About old were you the first time (you had any of these problems)? [If 'All my life' or 'As long as I can remember,' ENTER [Ctrl-D] [Enter Age]
YGA11C_G26B2	Num	8	T4F.	First GAD Before School: Was it before you first started school?
YGA11D_G26B3	Num	8	T4F.	First GAD Before Teenager: Was it before you were a teenager?
YGA12_G27	Num	8	T4F.	1 Month+ GAD in Last Year: Did you have an episode of being [worried/nervous/anxious] lasting at least one month or longer, in the past 12 months?
YGA12B_G27B	Num	8	TNUM.	GAD Months in Past Year: How many months in the past 12 months were you in an episode of this sort?
YGA12C_G27C	Num	8	TNUM.	Most Recent GAD Age: How old were you the last time you had one of these episodes? [Enter Age]
YIE1_IED1_CHKPT	Num	8	T106F.	Interviewer Checkpoint YIE1_IED1
YIE1_IED2_CHKPT	Num	8	T107F.	Interviewer Checkpoint YIE1_IED2
YIE1_IED3	Num	8	TNUM.	Number of Attacks: [Preamble...] Approximately how many times in your life have you had an attack of this sort, when you lost control and [hit/hurt someone (or threatened to) or broke/smashed something of value]?
YIE2_IED4_CHKPT	Num	8	T108F.	Interviewer Checkpoint YIE2_IED4
YIE2_IED5	Num	8	T4F.	AA Attack No Reason: Did these anger attacks sometimes occur without a good reason?
YIE3_IED5A	Num	8	T4F.	AA Most Unaffected: Did the attacks sometimes occur in situations where most people would not have had an anger attack?
YIE3A_IED5B	Num	8	T4F.	AA More Angry than Most: During those attacks, did you sometimes get a lot more angry than most people would have been in the same situation?
YIE4_IED6	Num	8	T4F.	AA Couldn't Resist: Did you have times before these attacks when you felt such a strong impulse to let loose or blow-up that you couldn't resist it no matter how hard you tried?
YIE5_IED9	Num	8	T4F.	AA Usually Alcohol or Drugs: Some people only have anger attacks when they drink alcohol or use drugs. Did your anger attacks usually occur when you had been drinking or using drugs?
YIE5A_IED9A	Num	8	T4F.	AA No Alcohol or Drugs: Did you ever have anger attacks when you had not been drinking or using drugs?
YIE6_IED10	Num	8	T4F.	AA Physical Cause Ever: Anger attacks can sometimes be caused by physcial illnesses such as epilepsy or head injury or by the use of medications. Were your anger attacks ever caused by physical illness or the use of medications?
YIE6A_IED10B	Num	8	T4F.	AA Physcial Cause Always: Did you ever have anger attacks that were not caused by physical causes or by the use of medications?

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Variable	Type	Len	Format	Label
YIE7_IED11	Num	8	T4F.	AA Usually Depressed: Some people only have anger attacks when they are sad or depressed. Did your anger attacks usually occur during periods of time when you were sad or depressed?
YIE7A_IED11A	Num	8	T4F.	AA Not Depressed: Did you ever have anger attacks at times you were not sad or depressed?
YIE8_IED18	Num	8	T4F.	First AA Recall Age: Think of the very first time in your life you had an anger attack. Can you remember your exact age when that attack occurred?
YIE8A_IED18A	Num	8	TNUM.	First AA Exact Age: (If nec:] How old were you?])] [Enter Age]
YIE8B_IED18B1	Num	8	TNUM.	First AA Approx Age: About how old were you? [If 'All my life' or 'As long as I can remember,' ENTER [Ctrl-D] [Enter Age]
YIE8C_IED18B2	Num	8	T4F.	First AA Before School: Was it before you first started school?
YIE8D_IED18B3	Num	8	T4F.	First AA Before Teenager: Was it before you were a teenager?
YIE9_IED22	Num	8	T109F.	Most Recent AA: How recently did you have an anger attack -- in the past month, two to six months ago, seven to twelve months ago, or more than twelve months ago?
YIE9A_IED22A	Num	8	TNUM.	Most Recent AA Age: How old were you the last time you had an anger attack? [Enter Age]
YIE10_IED23	Num	8	TNUM.	AA Weeks in Past Year: About how many weeks in the past twelve months did you have at least one of these attacks? [ENTER number of weeks]
YIE11_IED24	Num	8	TNUM.	Number AA Past Year: And how many attacks in total did you have during the past twelve months? [Responses greater than 997, CODE 997] [ENTER number of attacks]
YOD1_YOD2COUNTER	Num	8	TNUM.	Counter for YOD1 and YOD2 series': Counter for YOD1 and YOD2 series'
YOD1A	Num	8	T110F.	Trouble Concentrating: I have trouble concentrating or paying attention. (Is this true or often true, somewhat or sometimes true, or not true of you?)
YOD1B	Num	8	T110F.	Lie or Cheat: I lie or cheat. (Is this true or often true, somewhat or sometimes true, or not true of you?)
YOD1C	Num	8	T110F.	Tease Others a Lot: I tease others a lot. (Is this true or often true, somewhat or sometimes true, or not true of you?)
YOD1D	Num	8	T110F.	Disobey Parents: I disobey my parents. (Is this true or often true, somewhat or sometimes true, or not true of you?)
YOD1E	Num	8	T110F.	Trouble Sitting Still: I have trouble sitting still. (Is this true or often true, somewhat or sometimes true, or not true of you?)
YOD1F	Num	8	T110F.	Have a Hot Temper: I have a hot temper. (Is this true or often true, somewhat or sometimes true, or not true of you?)
YOD1G	Num	8	T110F.	Rather Be Alone: I would rather be alone than with others. (Is this true or often true, somewhat or sometimes true, or not true of you?)

Variable	Type	Len	Format	Label
YOD1H	Num	8	T110F.	Hang Around w/ Trouble Kids: I hang around with kids who get into trouble. (Is this true or often true, somewhat or sometimes true, or not true of you?)
YOD1I	Num	8	T110F.	Disobey at School: I disobey at school. (Is this true or often true, somewhat or sometimes true, or not true of you?)
YOD1J	Num	8	T110F.	Not Get Along w/ Others: I don't get along with other kids. (Is this true or often true, somewhat or sometimes true, or not true of you?)
YOD1K	Num	8	T110F.	Trouble Get Along w/ Teachers: I have trouble getting along with teachers. (Is this true or often true, somewhat or sometimes true, or not true of you?)
YOD1L_CHKPT	Num	8	T111F.	YOD1L Checkpoint: Routing Checkpoint
YOD2A_OD1A_CHKPT	Num	8	T112F.	eckpoint: Routing Checkpoint
YOD2A_OD1A	Num	8	T4F.	Lost Temper: [Preamble..] Did you often lose your temper?
YOD2B_OD1B	Num	8	T4F.	Argue with Adults: (Earlier in the interview you mentioned a period of six months or longer when you often did things that got you in trouble with adults. During that period...) Did you often argue with or 'talk back' to adults?
YOD2C_OD1C_CHKPT	Num	8	T113F.	eckpoint: Routing Checkpoint
YOD2C_OD1C	Num	8	T4F.	Disobeyed Rules: (Earlier in the interview you mentioned a period of six months or longer when you often did things that got you in trouble with adults. During that period...) Did you often disobey rules at home, school or work?
YOD2D_OD1D	Num	8	T4F.	Refused to Follow Direction: [Preamble...] Did you often refuse to follow directions from adults like your parents, teacher, or boss?
YOD2D1_OD1D1_CHKPT	Num	8	T114F.	YOD2d1_OD1d1 Checkpoint: YOD2d1_OD1d1 Checkpoint to count '1' responses
YOD2E_OD1E	Num	8	T4F.	Angry a Lot: (Earlier in the interview you mentioned a period of six months or longer when you often did things that got you in trouble with adults. During that period...) Were you angry a lot of the time?
YOD2E1_OD1E1_CHKPT	Num	8	T115F.	YOD2e1_OD1e1 Checkpoint: YOD2e1_OD1e1 Checkpoint to count '1' responses
YOD2F_OD1F	Num	8	T4F.	Being Treated Unfairly: [Preamble...] Did you often feel you were being taken advantage of or treatred unfairly?
YOD2F1_OD1F1_CHKPT	Num	8	T116F.	YOD2f1_OD1f1 Checkpoint: YOD2f1_OD1f1 Checkpoint to count '1' responses
YOD2G_OD1G	Num	8	T4F.	Annoyed on Purpose: [Preamble...] Did you often annoy people on purpose by doing or saying things just to bother them?
YOD2G1_OD1G1_CHKPT	Num	8	T117F.	YOD2g1_OD1g1 Checkpoint: YOD2g1_OD1g1 Checkpoint to count '1' responses
YOD2H_OD1H	Num	8	T4F.	Blame Others for Own Bad Behavior: [Preamble...]Did you often blame others for your mistakes or bad behavior?
YOD2H1_OD1H1_CHKPT	Num	8	T118F.	YOD2h1_OD1h1 Checkpoint: YOD2h1_OD1h1 Checkpoint to count '1' responses
YOD2I_OD1I	Num	8	T4F.	Did Mean Things to Get Back: [Preamble...] Did you often do mean things to 'pay people back' for things that you didn't like?
YOD2I1_OD1I1_CHKPT	Num	8	T119F.	YOD2i1_OD1i1 Checkpoint: YOD2i1_OD1i1 Checkpoint to count '1' responses

Appendix A – Variable List for the *JAMA* Paper Pre-Imputation File

Variable	Type	Len	Format	Label
YOD2J_OD1J	Num	8	T4F.	Easily Took Offense: [Preamble...] Did you often easily get mad at the way people treated you?
YOD2J1_OD1J1_CHKPT	Num	8	T120F.	YOD2j1_OD1j1 Checkpoint: YOD2j1_OD1j1 Checkpoint to count '1' responses
YOD2K_OD1K	Num	8	T4F.	Easily Annoyed by Others: (Earlier in the interview you mentioned a period of six months or longer when you often did things that got you in trouble with adults. During that period...) Were you often easily annoyed by others?
YOD2K1_OD1K1_CHKPT	Num	8	T121F.	YOD2k1_OD1k1 Checkpoint: YOD2k1_OD1k1 Checkpoint to count '1' responses
YOD3_OD3	Num	8	T4F.	1st OD Recall Age: [Preamble...] Think of the very first time in your life you had an episode of 6 months or longer of feeling or acting like this. Can you remember your exact age?
YOD3A_OD3A	Num	8	TNUM.	1st OD Exact Age: (How old were you?) [Enter Age]
YOD3B_OD3B1	Num	8	TNUM.	1st OD Approx Age: About how old were [you (the first time you had a period of this sort)] [Enter Age] [If 'All my life' or 'As long as I can remember,' ENTER [Ctrl-D]
YOD3C_OD3B2	Num	8	T4F.	First OD Before School: Was it before you first started school?
YOD3D_OD3B3	Num	8	T4F.	First OD Before Teenager: Was it before you were a teenager?
YOD4_OD4	Num	8	T4F.	OD in Past Year: Did you still feel or act like this during the past 12 months?
YOD4A_OD4A	Num	8	TNUM.	Most Recent OD Age: How old were you the last time you had a period of six months or longer when you felt or acted like this? [Enter Age]
YOD5_OD6	Num	8	T88F.	OD Life Interference: How much did these behaviors ever interfere with either your school or work, your social life, or your personal relationships -- not at all, a little, some, a lot or extremely?
YRB_INTRO	Num	8	T1F.	YRB Introduction: The next few questions you can do yourself.You can listen to the questions with a headset, or read them on the screen.[Hook up headset & give instructions for listening to the questions & entering responses on the computer]
YRB1_U1	Num	8	T4F.	Ever Smoke: First, I would like to ask you about smoking habits. Have you ever smoked a cigarette?
YRB2_U2_INTRO	Num	8	T1F.	Intro to smoking habits
YRB2_U2	Num	8	TNUM.	Days Smoked in Past 30: During the past 30 days, on how many days did you smoke a cigarette? [ENTER number of days]
YRB3_U3	Num	8	TNUM.	Number Cigarettes Per Day: When you smoked a cigarette during the past 30 days, how many cigarettes did you usually smoke each day? A pack contains 20 cigarettes. [ENTER number of cigarettes]
YRB4_U4	Num	8	T4F.	Ever Had Alcohol: [Preamble...] Have you ever had a drink of alcoholic beverage? By a drink we mean a can or bottle of beer, a glass of wine, a mixed drink, or a shot of liquor.
YRB5_U5_INTRO	Num	8	T1F.	Intro to alcohol habits

Appendix A – Variable List for the *JAMA* Paper Pre-Imputation File

Variable	Type	Len	Format	Label
YRB5_U5	Num	8	TNUM.	Days Alcohol in Past 30: During the past 30 days, on how many days did you have one or more drinks of an alcoholic beverage? [ENTER number of days]
YRB6_U6	Num	8	TNUM.	Number Drinks Per Day: In the last 30 days, on the days that you drank alcohol, about how many drinks did you usually have? [ENTER number of drinks]
YRB7_U7	Num	8	TNUM.	5+ Drinks Past 30 Days: On how many days did you have 5 or more drinks on the same occasion during the past 30 days? By occasion, we mean at the same time or within hours of each other. [ENTER number of days]
YRB9_U9	Num	8	T4F.	Ever Used Marijuana: Have you ever used marijuana -- that is grass or pot -- in your lifetime?
YRB10_U10	Num	8	TNUM.	Days Marijuana in Past 30: On how many days have you used marijuana in the last 30 days? [ENTER number of days]
YRB12_U12	Num	8	T4F.	Ever Used Hard Drugs: Excluding marijuana and alcohol, have you ever used any other drugs like cocaine or crack or heroin, or any other substance not prescribed for you by a doctor, in order to get high or to achieve an altered state?
YRB13_U13	Num	8	TNUM.	Number of Times Hard Drug Past Year: During the past 12 months, how many times have you used any of these drugs or other substances? [ENTER number of times]
YRB14_U14	Num	8	T4F.	Ever Sold Hard Drugs: Have you ever sold or helped sell marijuana, hashish or other drugs such as heroin, cocaine, or LSD?
YRB15_U15	Num	8	TNUM.	Number of Hard Drug Sells Past Year: During the past 12 months, how many times have you sold or helped sell marijuana, hashish, or other hard drugs? [ENTER number of times]
YRB16A_U16A	Num	8	T4F.	Ever Destroyed Property: The next few questions are about fighting, violence, and gangs. Again, remember all your responses are confidential. Have you ever purposefully damaged or destroyed property that did not belong to you?
YRB16B_U16A	Num	8	TNUM.	Number Property Crime Past Yr: How many times has this happened in the past 12 months? [ENTER number of times]
YRB16C_U16B	Num	8	T4F.	Ever Stolen <$50 Item: Have you ever stolen something from a store or something that didn't belong to you worth less than $50?
YRB16D_U16B	Num	8	TNUM.	Number <$50 Thefts Past Yr: How many times has this happened in the past 12 months? [ENTER number of times]
YRB16E_U16C	Num	8	T4F.	Ever Stolen >$50 Item: Have you ever stolen something from a store, person, or house, or something that did not belong to you worth $50 or more, including stealing a car?
YRB16F_U16C	Num	8	TNUM.	Number >$50 Thefts Past Yr: How many times has this happened in the past 12 months? [ENTER number of times]
YRB16G_U16D	Num	8	T4F.	operty Crimes: Have you ever committed other property crimes such as fencing, receiving, possessing/selling stolen property,or cheated someone by selling them something that was worthless or worth much less than what you said it was?

Appendix A – Variable List for the *JAMA* Paper Pre-Imputation File

Variable	Type	Len	Format	Label
YRB16H_U16D	Num	8	TNUM.	Number Oth Prop Crimes Past Yr: How many times has this happened in the past 12 months? [ENTER number of times]
YRB16I_U16E	Num	8	T4F.	Ever in Serious Fight: Have you ever attacked someone with the idea of seriously hurting them, or have had a situation end up in a serious fight or assault of some kind?
YRB16J_U16E	Num	8	TNUM.	Number Serious Fights Past Yr: How many times has this happened in the past 12 months? [ENTER number of times]
YRB17_U17	Num	8	T4F.	Ever Carried Handgun: Have you ever carried a hand gun? When we say hand gun, we mean any firearm other than a rifle or shotgun.
YRB18_U18	Num	8	TNUM.	Number Times Carried Gun Past Yr: How many times have you carried a gun in the past 12 months? [ENTER number of times]
YRB18A_U18A	Num	8	T122F.	Approx Num Times Carried Gun: Which category best describes the number of times you've carried a hand gun in the last 12 months?
YRB19_U19	Num	8	T4F.	Gangs in Local Area: Are there any gangs in your neighborhood or where you go to school? [See question text for gang definition.]
YRB21_U21	Num	8	T4F.	Ever Been Gang Member: Have you ever belonged to a gang?
YRB21A_U21A	Num	8	T4F.	Been Gang Member Past 12mo: In the past 12 months, have you been a member of a gang?
YRB22_U22	Num	8	T4F.	Ever Had Sex: Have you ever had sexual intercourse, that is, made love, had sex, or gone all the way?
YRB23_U23	Num	8	TNUM.	Age First Time Had Sex: How old were you when you had sexual intercourse for the first time? [Enter Age]
YRB24_U24	Num	8	TNUM.	Number of Sex Partners Past Year: How many partners have you had sexual intercourse with in the past 12 months - that is since this time last year? [ENTER number of partners]
YRB25_U25	Num	8	T4F.	Last Sex Used Condom: The last time you had sexual intercourse, did you or your partner use a condom?
YRB26_U26	Num	8	T4F.	Last Sex Any Preg Prevent: The last time you had sexual intercourse, did you or your partner use any other method to prevent pregnancy?
YRB27_U27	Num	8	T4F.	Ever Been Pregnant: Have you ever been pregnant? Consider all pregnancies, even if no child was born.
YRB28_U28	Num	8	T4F.	Currently Pregnant: Are you pregnant now?
YRB29_U29	Num	8	TNUM.	Number of Pregnancies: [Not counting a current pregnancy] How many times have you been pregnant? Please include pregnancies that did not result in live births. [ENTER number of times]
YRB30_U30	Num	8	TNUM.	Number of Live Birth Pregnancies: Now we would like to ask about the outcomes of your previous pregnancies. How many of your pregnancies have resulted in children born alive to you? [ENTER number]

Variable	Type	Len	Format	Label
YRB31_U31	Num	8	T4F.	Ever Caused Pregnancy: Have you ever gotten someone pregnant?
YRB31A_U31A	Num	8	TNUM.	Number of Pregnancies Caused: How many times have you gotten someone pregnant? [ENTER number of time]
YRB32_U32	Num	8	T4F.	Current Caused Pregnancy: Is someone pregnant with your child now?
YRB33_U33	Num	8	TNUM.	Number of Fathered Live Births: How many children have you ever fathered? Please only count live births and do not count current pregnancy. [ENTER number of children]
YRB34A	Num	8	T123F.	Most Effect Prevent Preg: Which of these three is most effective for pregnancy prevention?
YRB34B	Num	8	T123F.	Most Effect Prevent STDs: Which of these three is most effective for prevention of sexually transmitted diseases or STDs?
YRB35_U34	Num	8	T4F.	Child Receives Welfare: [Preamble...] Are you [or your child(ren)] regularly receiving welfare benefits now?
YRB36A_CHKPT	Num	8	T124F.	Interviewer Checkpoint YRB36a
YRB36A	Num	8	T125F.	Illegal Act Neighborhood: You said you [key phrase from most serious illegal activity in YRB14 and YRB16 series]. Did this happen in the neighborhood or somewhere else?
YRB36b	Num	8	T126F.	Illegal Act Where: Where did this happen? (At school, At a park/playground, At a store/restaurant, In a car, or In some other place?)
YRB36D	Num	8	T127F.	Illegal Act Alone: Were you alone or with others when this happened?
YRB36E__S_1	Num	8	T128F.	Illegal Act Who, Response 1: Who was with you? [Type in each number for each person you were with, separated by a space. ENTER all that apply]
YRB36E__S_2	Num	8	T128F.	Illegal Act Who, Response 2: Who was with you? [Type in each number for each person you were with, separated by a space. ENTER all that apply]
YRB36E__S_3	Num	8	T128F.	Illegal Act Who, Response 3: Who was with you? [Type in each number for each person you were with, separated by a space. ENTER all that apply]
YRB36E__S_4	Num	8	T128F.	Illegal Act Who, Response 4: Who was with you? [Type in each number for each person you were with, separated by a space. ENTER all that apply]
YRB36E__S_5	Num	8	T128F.	Illegal Act Who, Response 5: Who was with you? [Type in each number for each person you were with, separated by a space. ENTER all that apply]
YRB36E__S_6	Num	8	T128F.	Illegal Act Who, Response 6: Who was with you? [Type in each number for each person you were with, separated by a space. ENTER all that apply]
YRB36E__S_7	Num	8	T128F.	Illegal Act Who, Response 7: Who was with you? [Type in each number for each person you were with, separated by a space. ENTER all that apply]
YRB36E__S_8	Num	8	T128F.	Illegal Act Who, Response 8: Who was with you? [Type in each number for each person you were with, separated by a space. ENTER all that apply]
YRB36E__S_9	Num	8	T128F.	Illegal Act Who, Response 9: Who was with you? [Type in each number for each person you were with, separated by a space. ENTER all that apply]

Appendix A – Variable List for the *JAMA* Paper Pre-Imputation File

Variable	Type	Len	Format	Label
YRB36F_A_1	Num	8	TNUM.	Illegal Act Who Duration: How long have you known [this person]? If less than 1 year, enter 0. [ENTER number of years]
YRB36F_A_2	Num	8	TNUM.	Illegal Act Who Duration: How long have you known [this person]? If less than 1 year, enter 0. [ENTER number of years]
YRB36F_A_3	Num	8	TNUM.	Illegal Act Who Duration: How long have you known [this person]? If less than 1 year, enter 0. [ENTER number of years]
YRB36F_A_4	Num	8	TNUM.	Illegal Act Who Duration: How long have you known [this person]? If less than 1 year, enter 0. [ENTER number of years]
YRB36F_A_5	Num	8	TNUM.	Illegal Act Who Duration: How long have you known [this person]? If less than 1 year, enter 0. [ENTER number of years]
YRB36F_A_6	Num	8	TNUM.	Illegal Act Who Duration: How long have you known [this person]? If less than 1 year, enter 0. [ENTER number of years]
YRB36G	Num	8	T4F.	Illegal Act Police: Did the police talk to you about this incident?
YRB36H	Num	8	T4F.	Illegal Act Arrest: Did the police arrest you or charge you with an offense?
YRB37	Num	8	TNUM.	Car Theft Arrest Chance: What is the percent chance that you would be arrested if you stole a car? [ENTER percentage]
YRB38	Num	8	TNUM.	Jail Chance If Car Arrest: Suppose you were arrested for stealing a car, what is the percent chance that you would serve time in jail? [ENTER percentage]
YCV1_PT13	Num	8	T4F.	Beaten As Child: In the next part of the interview, we ask about very stressful events that might have happened in your life. First, were you ever badly beaten up by your parents or the people who raised you?
YCV2_PT14	Num	8	T4F.	Beaten By Romantic Partner, Etc: Were you ever badly beaten up by someone you were dating or with whom you were romantically involved?
YCV3_PT15	Num	8	T4F.	Beaten By Other Person: Were you ever badly beaten up by anyone else?
YCV4_PT16	Num	8	T4F.	Mugged: Were you ever mugged, held up, or threatened with a weapon?
YCV5_PT17	Num	8	T4F.	Raped: [Preamble...] We define [rape] as ...[see question text for details]. Did this ever happen to you?
YCV6_PT18	Num	8	T4F.	Sexually Assaulted: Other than rape, were you ever sexually assaulted, where someone touched you inappropriately, or when you did not want them to?
YCV7_PT20	Num	8	T4F.	Unexpected Family Death: Did someone very close to you ever die unexpectedly; for example, they were killed in an accident, murdered, committed suicide, or had a fatal heart attack at a young age?
YCV8_PT22	Num	8	T4F.	Loved One Trauma Experience: Did anyone very close to you ever have an extremely traumatic experience, like being kidnapped, tortured or raped?
YCV9_PT22_1	Num	8	T4F.	Child Witness to Fights: Did you ever witness serious physical fights at home, like a father beating up a mother?
YCV10_PT23	Num	8	T4F.	See Death or Dead Body: Did you ever see someone being badly injured or killed, or unexpectedly see a dead body?

Variable	Type	Len	Format	Label
YCV11_PT27	Num	8	T4F.	Any Other Trauma Experience: Did you ever experience any other extremely traumatic or life-threatening event that I haven't asked about yet?
YCV1_11COUNTER	Num	8	TNUM.	YCV1 Thru YCV11 Counter: YCV1 through YCV11 YES response counter
YCV12_PT55A	Num	3	CV12F.	YCV12 - Post-codes for Other Traumatic Event (if YCV11_PT55 is 'yes'): Briefly, what was the one worst event that you have not told me about? [Please type a brief description of this event into the computer]
YCV12_PT55A_2	Num	3	CV12F.	YCV12_2 - Alternative Post-codes for Other Traumatic Event (if YCV11_PT55 is 'yes')
YCV13_PT61_CHKPT	Num	8	T129F.	Interviewer Checkpoint YCV13_PT61
YCV13_PT62	Num	8	T4F.	Post TE Problems: [Preamble...] Did you have any of these reactions after [this experience/any of these experiences/any of the traumatic experiences you have gone through]?
YCV14_CHKPT	Num	8	T130F.	Interviewer Checkpoint YCV14
YCV14_PT64	Num	8	T131F.	Worst TE Description: Which [traumatic experience] caused you the largest number of problems like upsetting memories or dreams, feeling emotionally distant, trouble sleeping or concentrating, or feeling jumpy or easily startled?
YCV14A	Num	8	T131F.	Most Recent TE Description: Which one of these very upsetting events happened most recently ?
YCV14B_PT64A	Num	8	TNUM.	Worst TE Age: How old were you when [most upsetting/recent]? [Enter Age]
YCV14C	Num	8	TNUM.	Worst TE Age: Please enter an age less than or equal to your current age. [Enter Age]
YCV15_PT269	Num	8	T4F.	Worst TE Description: [Preamble...] During that month, did you lose interest in doing things you used to enjoy?
YCV16_PT270	Num	8	T4F.	Worst TE React Distant: During the month when your reactions were most frequent and intense, did you feel emotionally distant or cut off from other people?
YCV17_PT271	Num	8	T4F.	Worst TE React Love: During the month when your reactions were most frequent and intense, did you have trouble feeling normal feelings like love, happiness, or warmth toward other people?
YCV18_PT272	Num	8	T4F.	Worst TE React Future: During the month when your reactions were most frequent and intense, did you feel you had no reason to plan for the future because you thought it would be cut short?
YCV19_PT273	Num	8	T4F.	Worst TE React Sleep: During the month when your reactions were most frequent and intense, did you have any trouble falling or staying asleep?
YCV20_PT274	Num	8	T4F.	Worst TE React Startled: During the month when your reactions were most frequent and intense, were you more jumpy or more easily startled by ordinary noises?
YCV21_PT275	Num	8	T4F.	Worst TE React Avoid: During the month when your reactions were the most frequent and intense, did you purposely stay away from places, people or activities that reminded you of [key phrase from the selected traumatic event]?

Appendix A – Variable List for the *JAMA* Paper Pre-Imputation File

Variable	Type	Len	Format	Label
YCV22_PT261	Num	8	T4F.	TE React Past Year: [Preamble...] Did you have any reactions of this sort at any time in the past 12 months?
YCV23_PT263	Num	8	TNUM.	TE React Weeks Past Year: About how many weeks altogether in the past 12 months did you have any of these reactions? (You can use any number between 0 and 52.) [ENTER number of weeks]
YCV23_PT264_CHKPT	Num	8	T132F.	Interviewer Checkpoint YCV23_PT264
YCV24_PT269	Num	8	T4F.	TE React Interest Past Year: Please think of the 30-day period in the past 12 months when your reactions...were most frequent and intense. During that month, did you lose interest in doing things you used to enjoy?
YCV25_PT270	Num	8	T4F.	TE React Distant Past Year: During the 30-day period, in the past 12 months, when your reactions were most frequent and intense, did you feel emotionally distant or cut off from other people?
YCV26_PT271	Num	8	T4F.	TE React Love Past Year: During the 30-day period, in the past 12 months, when your reactions were most frequent and intense, did you have trouble feeling normal feelings like love, happiness, or warmth toward other people?
YCV27_PT272	Num	8	T4F.	TE React Future Past Year: During the 30-day period, in the past 12 months, when your reactions were most frequent and intense, did you feel you had no reason to plan for the future because you thought it would be cut short?
YCV28_PT273	Num	8	T4F.	TE React Sleep Past Year: During the 30-day period, in the past 12 months, when your reactions were most frequent and intense, did you have any trouble falling or staying asleep?
YCV29_PT274	Num	8	T4F.	TE React Startled Past Year: During the 30-day period, in the past 12 months, when your reactions were most frequent and intense, were you more jumpy or more easily startled by ordinary noises?
YCV30_PT275	Num	8	T4F.	Worst TE React Avoid: During the month when your reactions were the most frequent and intense, did you purposely stay away from places, people or activities that reminded you of [key phrase from the selected traumatic event]?
YCV31	Num	8	T4F.	HH Member Robbed: Please tell me if any of the following things has happened to you or to anyone who has lived with you in the past 6 months: Was anyone's purse, wallet, or jewelry snatched from them?
YCV31A	Num	8	T4F.	HH Member Robbed Arrest: As far as you know, was anyone arrested or were charges brought against anyone in connection with the purse, wallet, or jewelry snatching?
YCV32	Num	8	T4F.	HH Member Threatened: During the past 6 months, were you or anyone who has lived with you threatened with a knife or gun?
YCV32A	Num	8	T4F.	HH Member Threatened Arrest: As far as you know, was anyone arrested or were charges brought against anyone in connection with this threat with a knife or gun?

Appendix A – Variable List for the *JAMA* Paper Pre-Imputation File

Variable	Type	Len	Format	Label
YCV33	Num	8	T4F.	HH Member Assaulted: During the past 6 months, were you or anyone who has lived with you beaten up or assaulted?
YCV33A	Num	8	T4F.	HH Member Assaulted Arrest: As far as you know, was anyone arrested or were charges brought against anyone in connection with the assault?
YCV34	Num	8	T4F.	HH Member Stabbed/Shot: During the past 6 months, were you or anyone who has lived with you stabbed or shot?
YCV34A	Num	8	T4F.	HH Member Stabbed/Shot Arrest: As far as you know, was anyone arrested or were charges brought against anyone in connection with the stabbing or shooting?
YCV35	Num	8	T4F.	Had Home Broken Into: During the past 6 months, did anyone try to break into your home?
YCV35A	Num	8	T4F.	HH Member Break-In Arrest: As far as you know, was anyone arrested or were charges brought against anyone in connection with the attempted break in?

Appendix B. Variable List for the *JAMA* Paper Analysis Dataset

mto_jama_impute_20160111.sas7bdat

(73,420 observations, 145 variables)

Variable	Type	Len	Format
Imputation	Num	8	
ppid	Char	10	$10.00
famid	Char	7	$7.00
ra_grp_exp	Num	3	LPV.
ra_grp_s8	Num	3	TRV.
ra_grp_control	Num	3	CONTROL.
ra_site	Num	8	SITE.
ra_date	Num	4	MMDDYY.
flag_paper_jama	Num	3	JAMA.
f_wt_totcore98	Num	8	BEST10.
f_wt_totsvy	Num	8	BEST10.
f_svy_bl_tract_masked_id	Num	4	
f_c9010t_perpov_bl	Num	8	
ymh_cov_ad_single_mother	Num	8	SINGLE.
f_mh_deph_y_yt	Num	8	DEPHYR.
ymh_bipolar_i_ii_y	Num	8	BIP12X.
f_mh_pds_y_yt	Num	8	PDSYR.
f_mh_pts_y_yt	Num	8	PTSYR.
f_mh_odd_y_yt	Num	8	ODDYR.
f_mh_ied_y_yt	Num	8	IED.
ymh_cd_3x_y	Num	8	CD3X.
x_f_ad_edinsch	Num	8	XENROL.
x_f_ad_nevmarr	Num	8	XNVRMAR.
x_f_ad_parentu18	Num	8	XLT18Y.
x_f_ad_working	Num	8	XWORK.
x_f_hh_afdc	Num	8	XTANF.
x_f_hh_car	Num	8	XCAR.
x_f_hh_disabl	Num	8	XDISAB.
x_f_hh_noteens	Num	8	XNOTEEN.
x_f_hh_victim	Num	8	XVICTIM.
x_f_hood_5y	Num	8	XNBHD5Y.
x_f_hood_chat	Num	8	XCHAT.
x_f_hood_nbrkid	Num	8	XTELL.
x_f_hood_nofamily	Num	8	XNOFAM.
x_f_hood_nofriend	Num	8	XNOFND.
x_f_hood_unsafenit	Num	8	XUNSAFE.
x_f_hood_verydissat	Num	8	XDISSAT.
x_f_hous_fndapt	Num	8	XAPT.
x_f_hous_mov3tm	Num	8	XMOVED.
x_f_hous_movdrgs	Num	8	XDRUGS.
x_f_hous_movschl	Num	8	XMOVSCH.
x_f_hous_sec8bef	Num	8	XSEC8X.
x_f_site_balt	Num	8	BALT.
x_f_site_bos	Num	8	BOS.

Appendix B − Variable List for the *JAMA* Paper Analysis File

Variable	Type	Len	Format
x_f_site_chi	Num	8	CHI.
x_f_site_la	Num	8	LA.
x_f_ch_male	Num	8	GENDER.
x_f_ch_bl_age617	Num	8	BL617X.
x_f_ch_schplay	Num	8	XSCH.
x_f_ch_specmed	Num	8	XMED.
x_f_c2_hosp	Num	8	XHOSP.
x_f_c2_lowbw	Num	8	XLOW.
x_f_c2_read	Num	8	XREAD.
ad_age_le35	Num	8	
ad_age_le40	Num	8	
ad_age_le45	Num	8	
ad_age_le50	Num	8	
ch_age_lt14	Num	8	
ch_age_lt15	Num	8	
ch_age_lt16	Num	8	
ch_age_lt17	Num	8	
hhsize_5plus	Num	8	
hhsize_4plus	Num	8	
hhsize_3plus	Num	8	
ycv1_pt13_new	Num	8	
ycv2_pt14_new	Num	8	
ycv3_pt15_new	Num	8	
ycv4_pt16_new	Num	8	
ycv5_pt17_new	Num	8	
ycv6_pt18_new	Num	8	
ycv7_pt20_new	Num	8	
ycv8_pt22_new	Num	8	
ycv9_pt22_1_new	Num	8	
ycv10_pt23_new	Num	8	
ycv11_pt27_new	Num	8	
large_family	Num	8	
exclude_lrgfam	Num	8	
hardtoreach	Num	8	
exclude_htr	Num	8	
mov_drugs	Num	8	
ad_age	Num	8	
edcat	Num	8	
racecat	Num	8	
ch_age	Num	8	
hhsizecat	Num	8	
inccat	Num	8	
x_f_hh_car_old	Num	8	
x_f_hh_afdc_old	Num	8	
x_f_hood_nbrkid_old	Num	8	
x_f_hood_nofamily_old	Num	8	
x_f_hood_chat_old	Num	8	
x_f_hood_nofriend_old	Num	8	
x_f_hous_mov3tm_old	Num	8	
x_f_hh_victim_old	Num	8	
x_f_hous_fndapt_old	Num	8	

Appendix B – Variable List for the *JAMA* Paper Analysis File

Variable	Type	Len	Format
x_f_hous_sec8bef_old	Num	8	
x_f_hh_disabl_old	Num	8	
x_f_hood_unsafenit_old	Num	8	
racecat_old	Num	8	
x_f_hood_verydissat_old	Num	8	
inccat_old	Num	8	
x_f_hous_movdrgs_old	Num	8	
x_f_hood_5y_old	Num	8	
x_f_hous_movschl_old	Num	8	
x_f_ad_nevmarr_old	Num	8	
x_f_ad_edinsch_old	Num	8	
x_f_ad_working_old	Num	8	
x_f_ad_parentu18_old	Num	8	
edcat_old	Num	8	
x_f_ch_schplay_old	Num	8	
x_f_ch_specmed_old	Num	8	
ycv3_pt15_new_old	Num	8	
ycv4_pt16_new_old	Num	8	
ycv10_pt23_new_old	Num	8	
ycv2_pt14_new_old	Num	8	
ycv9_pt22_1_new_old	Num	8	
ycv11_pt27_new_old	Num	8	
ycv5_pt17_new_old	Num	8	
ycv1_pt13_new_old	Num	8	
ycv7_pt20_new_old	Num	8	
ycv6_pt18_new_old	Num	8	
x_f_c2_hosp_old	Num	8	
ycv8_pt22_new_old	Num	8	
x_f_c2_lowbw_old	Num	8	
x_f_c2_read_old	Num	8	
nonhisp_black	Num	8	
hisp_any	Num	8	
nonhisp_other	Num	8	
nonhisp_white	Num	8	
educ_miss_ref_ged	Num	8	
educ_miss_ref	Num	8	
ymh_cov_hh_inc_le7k	Num	8	
ymh_cov_hh_inc_le9k	Num	8	
ymh_cov_hh_inc_le12k	Num	8	
ymh_cov_hh_inc_le17k	Num	8	
intervention	Num	8	
int_main1	Num	8	
int_main2	Num	8	
int_either	Num	8	
ymh_pts_event_count	Num	8	
ymh_pts_event_ge1	Num	8	
ymh_pts_event_ge2	Num	8	
ymh_pts_event_ge3	Num	8	
ra_group	Num	3	GROUP.
f_svy_age_bl_imp	Num	3	

Appendix C. Detailed Documentation of Selected Variables Used for the *JAMA* Paper

This appendix includes detailed documentation of the key mental health disorder variables found on the *JAMA* paper RADs. (Variables not documented here are listed in Appendix A, with additional details on some of the variables in Table 1.)[7]

For each variable described in the detailed documentation, we provide the following fields:

- Label – variable label from the original individual-level dataset
  - "YT" is an abbreviation for "youth" that is used in the labels
- Type – all variables in this appendix are binary, taking on only two values: 0 and 1
- Unit – not applicable to the variables in this appendix because they are all binary
- Format – the name of the format that has been applied to the variable to properly label the values.
- Valid Range – range of values that the variable could take (0 or 1 for these binary variables)
- Sample – All variables in this appendix apply to the youth survey interview sample from the MTO final impacts evaluation. However, because the interviewed youth sample's values are used to impute missing values for the non-interview sample, the versions of these variables on the analysis dataset apply to all youth.
- Level – indicates whether the variable applies to only the individual MTO participant (person-level) or to the entire MTO household. All variables in this appendix are person-level measures.
- Raw Variable Information – details on the raw variable(s), if any, used to construct the outcome measure[8] (raw variables values are typically the response to the survey question before any recoding)
  - Main Variable – the one variable that was the basis for the measure (if applicable)
  - Survey Question – question from the survey instrument for the main raw variable
  - Source of Question – original survey from which the wording of the survey question was taken (in some cases, the question is original to the MTO survey)
  - Additional Raw Variables – list of any other variables besides the main variable, or if multiple raw variables, that were used to construct the measure
- Derived Variables Used – any variable that was constructed from raw data and then used in the construction of the variable being documented (e.g. the duration-weighted poverty variable was used in the construction of the indicator for duration-weighted poverty being less than 40%)
- Description – detailed description of the variable's construction, with references to the raw and/or derived variables and their values used
- Missing Values – description of what values of the raw and/or derived variables used to construct the measure led to setting the measure to missing
  - In the pages that follow, this field indicates that there are no missing values because the documentation reflects the sample of youth who completed an interview as part of the MTO final evaluation (*flag_paper_jama*=1). However, the non-interviewed youth on the *JAMA* paper pre-imputation dataset do have missing values for the mental health disorder variables documented here, and those missing values are imputed on the analysis dataset.
- SAS/Stata Code – the actual program code used to create the variable

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[7] The baseline covariates are not documented in detail in this memo, but the key household-level covariates were included in the codebook for the RAD that was released for the MTO paper that appeared in the journal *Science* in 2012 (see www.icpsr.umich.edu/icpsrweb/ICPSR/studies/34860).

[8] The MTO youth long-term survey instrument is available at www.mtoresearch.org/instruments/final_youth.pdf.

f_mh_deph_y_yt

Label:	YT DSM-IV Major Depressive Episode w/. Hierarchy past yr (flag)	
Type/Unit:	Type: Binary	Unit: N/A
Format/Range:	Format: DEPH	Valid Range: 0 or 1
Sample/Level:	Sample: Interviewed Youth Sample from the MTO Final Evaluation	Level: Person
Raw Variable Information:	<u>Main Variable</u>: See the youth depression module (YDE) as well as items YSC6_SC21, YSC7_SC22, and YSC8_SC31 from the mental health screener module (YSC). <u>Survey Question</u>: <u>Source of Question</u>: Composite International Diagnostic Interview <u>Additional Raw Variables</u>: None	
Derived Variables Used:	None	
Description:	This variable is an indicator that the youth had major depressive disorder (with hierarchy) in the past year. In the Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition (DSM-IV), major depression is diagnosed if the respondent has experienced a major depressive episode, defined as a two-week or longer period where at least one symptom is depressed mood or loss of interest or pleasure and where the respondent had at least five of the following nine symptoms: depressed mood, markedly diminished interest or pleasure, significant weight loss or gain (unrelated to dieting), insomnia, psychomotor agitation (for example, physical restlessness, pacing) or retardation (for example, being physically slowed down), fatigue or loss of energy, feelings of worthlessness or excessive or inappropriate guilt, diminished ability to think or concentrate or indecisiveness, and recurrent thoughts of death. In addition, the symptoms must cause clinically significant distress or impair social, occupational, or other functioning. Depression with hierarchy is diagnosed where mania or hypomania is not also diagnosed. This outcome is equal to 1 if symptoms of the disorder were experienced in the past year and equal to 0 otherwise.	
	Missing Values	No missing values.
SAS Code:	See Appendix D of the main documentation memo for further details.	

f_mh_ied_y_yt

Label:	YT DSM-IV Intermittent Explosive Disorder past yr (flag)	
Type/Unit:	Type: Binary	Unit: N/A
Format/Range:	Format: IED	Valid Range: 0 or 1
Sample/Level:	Sample: Interviewed Youth Sample from the MTO Final Evaluation	Level: Person
Raw Variable Information:	<u>Main Variable</u>: See the youth Intermittent Explosive Disorder (YIE) module. <u>Survey Question</u>: <u>Source of Question</u>: Composite International Diagnostic Interview <u>Additional Raw Variables</u>: None	
Derived Variables Used:	None	
Description:	This variable is an indicator that the youth had Intermittent-Explosive Disorder (IED) in the past year. In the Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition (DSM-IV), IED is diagnosed if the respondent experienced at least three discrete episodes of failure to resist aggressive impulses that result in serious assaultive acts or destruction of property in which the degree of aggressiveness expressed is grossly out of proportion to any precipitating psychosocial stressors. Additionally, it must not be the case that the aggressive episodes are better accounted for by another mental disorder (such as major depressive disorder or mania) or are due to the direct physiological effects of a substance or a general medical condition. This outcome is equal to 1 if symptoms of the disorder were experienced in the past year and equal to 0 otherwise.	
	Missing Values	No missing values.
SAS Code:	See Appendix D of the main documentation memo for further details.	

f_mh_odd_y_yt

Label:	YT DSM-IV Oppositional Defiant Disorder past yr (flag)	
Type/Unit:	Type: Binary	Unit: N/A
Format/Range:	Format: ODD	Valid Range: 0 or 1
Sample/Level:	Sample: Interviewed Youth Sample from the MTO Final Evaluation	Level: Person
Raw Variable Information:	<u>Main Variable</u>: See the youth Oppositional Defiant Disorder (YOD) module. <u>Survey Question</u>: <u>Source of Question</u>: Composite International Diagnostic Interview <u>Additional Raw Variables</u>: None	
Derived Variables Used:	None	
Description:	This variable is an indicator that the youth had Oppositional Defiant Disorder (ODD) in the past year. In the Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition (DSM-IV), ODD is diagnosed if the respondent experienced a pattern of negative, hostile, and defiant behavior lasting at least six months, during which at least four of the following eight symptoms are often present: loses temper, argues with adults, actively defies or refuses to comply with adults' requests or rules, deliberately annoys people, blames others for his or her mistakes or misbehavior, touchy or easily annoyed by others, angry and resentful, and spiteful and vindictive. Furthermore, the disturbance in behavior must cause clinically significant impairment in social, academic, or occupational functioning, and the behaviors must not occur exclusively during the course of a mood disorder. This outcome is equal to 1 if symptoms of the disorder were experienced in the past year and equal to 0 otherwise.	
	Missing Values	No missing values.
SAS Code:	See Appendix D of the main documentation memo for further details.	

f_mh_pds_y_yt

Label:	YT DSM-IV Panic Disorder past yr (flag)	
Type/Unit:	Type: Binary	Unit: N/A
Format/Range:	Format: PDS	Valid Range: 0 or 1
Sample/Level:	Sample: Interviewed Youth Sample from the MTO Final Evaluation	Level: Person
Raw Variable Information:	<u>Main Variable</u>: See the youth Panic Disorder (YPD) module. <u>Survey Question</u>: <u>Source of Question</u>: Composite International Diagnostic Interview <u>Additional Raw Variables</u>: None	
Derived Variables Used:	None	
Description:	This variable is an indicator that the youth had panic disorder in the past year. In the Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition (DSM-IV), panic disorder is diagnosed if the respondent experienced recurrent, unexpected panic attacks (f_mh_pat_y_yt) where at least one of the attacks is followed by a month or more of persistent concern about having additional attacks, worry about the implications of the attack or its consequences, or a significant change in behavior related to the attacks. Finally, the panic attacks cannot be better accounted for by another mental disorder, such as Post-Traumatic Stress Disorder, which we operationalize in the MTO study by focusing on "out of the blue" attacks. This outcome is equal to 1 if symptoms of the disorder were experienced in the past year and equal to 0 otherwise.	
	Missing Values	No missing values.
SAS Code:	See Appendix D of the main documentation memo for further details.	

f_mh_pts_y_yt

Label:	YT DSM-IV Posttraumatic Stress Disorder past yr (flag)	
Type/Unit:	Type: Binary	Unit: N/A
Format/Range:	Format: PTS	Valid Range: 0 or 1
Sample/Level:	Sample: Interviewed Youth Sample from the MTO Final Evaluation	Level: Person
Raw Variable Information:	<u>Main Variable</u>: See the youth crime victimization (YCV) module, which included the Composite International Diagnostic Interview Post-Traumatic Stress Disorder items. <u>Survey Question</u>: <u>Source of Question</u>: Composite International Diagnostic Interview <u>Additional Raw Variables</u>: None	
Derived Variables Used:	None	
Description:	This variable is an indicator that the youth had Post-Traumatic Stress Disorder (PTSD) in the past year. In the Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition (DSM-IV), PTSD is diagnosed if the respondent has been exposed to and subsequently suffers because of a traumatic event in which the person experienced, witnessed, or was confronted with an event or events that involved actual or threatened death or serious injury to the respondent or to others. Furthermore, the respondent must exhibit three of the following five behaviors: avoiding activities, places, or people that arouse recollections of the trauma; markedly diminished interest or participation in significant activities; feeling of detachment or estrangement from others; restricted range of affect (for example, unable to have loving feelings); and a sense of a foreshortened future (for example, does not expect to have a career, marriage, children, or a normal life span). Finally, the respondent must indicate difficulty falling or staying asleep and an exaggerated startle response, and the disturbance in behavior must cause clinically significant impairment in social, academic, or occupational functioning. The MTO version of the Composite International Diagnostic Interview (CIDI) PTSD module contained fewer questions than the full CIDI battery, so we used responses to the included questions to generate a predicted probability of meeting the disorder among respondents who meet the disorder in a nationally representative sample. This outcome is equal to 1 if symptoms of the disorder were experienced in the past year and equal to 0 otherwise.	
	Missing Values	No missing values.
SAS Code:	See Appendix D of the main documentation memo for further details.	

ymh_cd_3x_y

Label:	Conduct Disorder: 3+ instances of 3 of 5 behaviors (flag)

Type/Unit:	Type: Binary	Unit: N/A
Format/Range:	Format: CD3X	Valid Range: 0 or 1
Sample/Level:	Sample: Interviewed Youth Sample from the MTO Final Evaluation	Level: Person

Raw Variable Information:	<u>Main Variable</u>: YRB15_U15, YRB16B_U16A, YRB16D_U16B, YRB16F_U16C, YRB16H_U16D, YRB16J_U16E, YRB18_U18 <u>Survey Question</u>: <u>Source of Question</u>: National Longitudinal Survey of Youth 1997 (YRB15_U15 modified) <u>Additional Raw Variables</u>: None
Derived Variables Used:	PropCrimes_Cat_3x, Theft_Cat_3x, Deceitful_Cat_3x, SeriousFights_Cat_3x, RuleViolation_Cat_3x
Description:	This variable is an indicator that the youth had conduct disorder in the past year. A total of 7 problem or delinquent behaviors were combined into 5 categories: property crimes, theft, deceit, serious fights, and rule violations. Flags were created for whether the youth exhibited the 5 types of behaviors at least 3 times in the past 12 months, and those flags were summed. If the sum of those 5 flags is greater than or equal to 3 (i.e. exhibited at least 3 of the 5 behaviors at least 3 times each), then the outcome is set to 1; otherwise it is set 0. The 7 behaviors and 5 groupings are as follows: property crimes – purposely damaged or destroyed property (YRB16B_U16A); theft – stole something worth less than $50 (YRB16D_U16B) or stole something from a store, person, or house worth more than $50 (YRB16F_U16C); deceit – sold or helped sell drugs (YRB15_U15) or other property crimes such as fencing, receiving possessing or selling stolen property/cheated someone by selling them something that was worthless or worth much less than claimed (YRB16H_U16D); serious fights – attacked someone with the idea of seriously hurting them or had a situation end up in a serious fight or assault (YRB16J_U16E); and rule violations – carried a gun (YRB18_U18).
	Missing Values No missing values.

SAS Code:	``%macro Define_Conduct_Disorder(thres);``
	``if YRB16B_U16A >= &thres then PropCrimes_Cat_&thres.x=1;``
	``else PropCrimes_Cat_&thres.x=0;``
	``if sum(YRB16D_U16B,YRB16F_U16C) >= &thres then Theft_Cat_&thres.x=1;``
	``else Theft_Cat_&thres.x=0;``
	``if sum(YRB16H_U16D,YRB15_U15) >= &thres then Deceitful_Cat_&thres.x=1;``
	``else Deceitful_Cat_&thres.x=0;``
	``if YRB16J_U16E >= &thres then SeriousFights_Cat_&thres.x=1;``
	``else SeriousFights_Cat_&thres.x=0;``
	``if YRB18_U18 >= &thres then RuleViolation_Cat_&thres.x=1;``
	``else RuleViolation_Cat_&thres.x=0;``
	``if sum(of PropCrimes_Cat_&thres.x Theft_Cat_&thres.x``

```
         Deceitful_Cat_&thres.x  SeriousFights_Cat_&thres.x
         RuleViolation_Cat_&thres.x)>=3 then ymh_cd_&thres.x_y=1; else
         ymh_cd_&thres.x_y=0;
         %mend;
         * Call macro for 2, 3 and 5 times;
         %Define_Conduct_Disorder(2);
         %Define_Conduct_Disorder(3);
         %Define_Conduct_Disorder(5);
```

Appendix D. Detailed Coding of the Mental Health Disorder Outcomes Used in the *JAMA* Paper

This appendix provides additional information about the coding of the mental health disorder variables that were analyzed for the *JAMA* paper (more general information about these variables can be found in Appendix C).[9]

We have included a snippet of SAS code ("snippet_from_hud_11_cr_mh_svyout_adyt_20140413.sas") that shows how the different subprograms for each disorder fed into a larger program used to create the MTO analysis data. This program and the subprograms are included in a subdirectory called "appendix_d_cidi_disorder_code."

Major Depressive, Panic, Intermittent Explosive, and Oppositional-Defiant Disorders

The code used to generate the lifetime recall version of these four CIDI mental health disorder outcomes (i.e. whether the youth was ever diagnosed with the disorder) is included as an attachment to this memo as series of SAS programs (.sas file extension) as described below. See the section below on 12-month prevalence for details on the construction of the past year version of these outcomes, which were analyzed in the *JAMA* paper.

- Screener – Each of the four disorders below required youth to pass the CIDI screener question, and the intermediate variables indicating whether the youth passed the screener for those disorders were created in the "**Screen-mto-youth.sas**" program.
- Major depressive disorder – This disorder requires not only the major depressive episode program but also the program for three other disorders, called in the following order:
  - Major depressive episode – "**Depression-mto-youth.sas**"
  - Mania – "**Mania-mto-youth.sas**"
  - Hypomania – "**Hypomania-mto-youth.sas**"
  - Bipolar – "**Bipolar-mto-youth.sas**"
  - Major depressive disorder – "**Mjdepdis-mto-youth.sas**", which creates the lifetime recall version of this disorder
- Panic disorder – For this disorder, the "**Pattack-mto-youth.sas**" program codes a panic attack variable and the subsequent "**Pdis-mto-youth.sas**" program creates the lifetime recall version of this disorder.
- Intermittent explosive disorder – The lifetime recall version of this disorder is generated by "**IED-mto-youth.sas**."
- Oppositional-defiant disorder – The lifetime recall version of this disorder is generated by the "**ODD-mto-youth.sas**" program.

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[9] Unlike the other disorders, we do not provide additional coding information for conduct disorder because the full set of code needed to generate the measure appears in Appendix C.

Appendix D - Detailed Coding of the Mental Health Disorder Outcomes Used in the *JAMA* Paper

PTSD

The PTSD variable had to be coded differently because the MTO version of the CIDI PTSD module did not include the full battery of questions required for diagnosis. We used responses to the questions that were included on the MTO survey to generate a predicted probability of meeting the disorder among respondents who meet the disorder in a nationally representative sample, the National Comorbidity Survey (NCS-R; www.hcp.med.harvard.edu/ncs).

The code below create indicators for three of the four CIDI PTSD criteria that could be met via the MTO instrument and then sets up variables needed for generating the predicted probability from the NSC-R data.

```
* Criteria A1;
if YCV1_PT13=1 or YCV2_PT14=1 or YCV3_PT15=1 or YCV4_PT16=1 or
      YCV5_PT17=1 or YCV6_PT18=1 or YCV7_PT20=1 or YCV8_PT22=1 or YCV9_PT22_1=1 or
      YCV10_PT23=1 or YCV11_PT27=1 then f_mh_pts_a1=1;
            else f_mh_pts_a1=0;


* Criteria C1;
if sum(YCV21_PT275=1 or YCV30_PT275=1, YCV15_PT269=1 or YCV24_PT269=1,
      YCV16_PT270=1 or YCV25_PT270=1, YCV17_PT271=1 or YCV26_PT271=1,
      YCV18_PT272=1 or YCV27_PT272=1) >= 3 then f_mh_pts_c1=1;
            else f_mh_pts_c1=0;


* Criteria D1;
if (YCV19_PT273=1 or YCV28_PT273=1) and (YCV20_PT274=1 or
      YCV29_PT274=1) then f_mh_pts_d1=1;
            else f_mh_pts_d1=0;


if f_mh_pts_a1=1 and f_mh_pts_c1=1 and f_mh_pts_d1=1 then mto_ptsd_sample=1;
      else mto_ptsd_sample=0;


array PTVAR   YCV1_PT13 YCV2_PT14 YCV3_PT15 YCV4_PT16 YCV5_PT17
              YCV6_PT18 YCV7_PT20 YCV8_PT22 YCV9_PT22_1 YCV10_PT23
              YCV11_PT27 YCV13_PT62 YCV15_PT269 YCV16_PT270
              YCV17_PT271 YCV18_PT272 YCV19_PT273 YCV20_PT274 YCV21_PT275 YCV24_PT269
              YCV25_PT270 YCV26_PT271 YCV27_PT272 YCV28_PT273 YCV29_PT274 YCV30_PT275;
do over PTVAR;
      if PTVAR~=1 then PTVAR=0;
end;


* Gender;
if f_svy_gender='F' then sexf=1;
      else sexf=0;


* Race;
rhisp=0;
rwh=0;
rblk=0;
roth=0;
if f_svy_ethnic=1 then rhisp=1;
```

```
        else do;
               if f_svy_race=1 then rblk=1;
                       else if f_svy_race=2 then rwh=1;
                       else if f_svy_race in(3,4,5) then roth=1;
        end;


if 0<=f_svy_age_iw<=18 then age=18;
       else age=f_svy_age_iw;


* Create corresponding NCSR variables;
if YCV15_PT269=1 or YCV24_PT269=1 then PT211=1;
       else PT211=0;
if YCV16_PT270=1 or YCV25_PT270=1 then PT212=1;
       else PT212=0;
if YCV17_PT271=1 or YCV26_PT271=1 then PT213=1;
       else PT213=0;
if YCV18_PT272=1 or YCV27_PT272=1 then PT214=1;
       else PT214=0;
if YCV19_PT273=1 or YCV28_PT273=1 then PT233=1;
       else PT233=0;
if YCV20_PT274=1 or YCV29_PT274=1 then PT237=1;
       else PT237=0;
if YCV21_PT275=1 or YCV30_PT275=1 then PT209=1;
       else PT209=0;


format _numeric_;
array old {*} YCV1_PT13 YCV2_PT14 YCV3_PT15 YCV4_PT16 YCV5_PT17
             YCV6_PT18 YCV7_PT20 YCV8_PT22 YCV9_PT22_1 YCV10_PT23 YCV11_PT27;
array new {*} PT41 PT42 PT43 PT44 PT45 PT46 PT48 PT50 PT50_1 PT51 PT55;
do i = 1 to dim(old);
       new{i}=old{i};
end;
```

The program used for running the regression to generate the coefficients for the predicted probabilities is contained in "**Ptsd-mtoncsr-youth.sas**". Note that this program relies on NSC-R data that is NOT part of this data archive.

The code that generates predicted probabilities for the MTO sample using the coefficients from the NCS-R model is as follows:

```
* Use slopes from prediction from NSCR data to create predicted probability of PTSD;
expected = 1/(1+exp(-1*(-1.515
       +   0.0263*AGE       + 0.1105*SEXF       + -0.0819*RHISP       + -0.5597*RBLK
       + -0.9751*ROTH       + -0.5603*PT41       + 0.0504*PT42       + -0.3877*PT43
       +   0.1148*PT44       + -0.1614*PT45       +   0.5993*PT46       + 0.078*PT48
       +   0.4687*PT50       +   0.4591*PT50_1       +   0.1683*PT51       + -0.2237*PT55
       + 0.3664*PT209       + -0.0581*PT211       +   0.2516*PT212       +   0.1159*PT213
       +   0.64*PT214       + 0.8654*PT233       +   0.1323*PT237)));
ptsd_random=ranuni(1234567);
if mto_ptsd_sample=1 and 0<ptsd_random<=expected then f_mh_pts_evr_yt=1;
       else f_mh_pts_evr_yt=0;
```

Appendix D - Detailed Coding of the Mental Health Disorder Outcomes Used in the *JAMA* Paper

The table below summarizes the variables in the NCS-R model and their coefficients.

Independent variable	Beta	Label
INTERCEPT	-1.515	Intercept
AGE	0.0263	AGE
SEXF	0.1105	SEX is female(0 = No, 1 = Female)
RHISP	-0.0819	Race is Hispanic
RBLK	-0.5597	Race is black
ROTH	-0.9751	Race is other
PT41	-0.5603	as child, ever badly beaten up by parents/caregivers
PT42	0.0504	ever badly beaten up by spouse/romantic partner
PT43	-0.3877	ever badly beaten up by anyone else
PT44	0.1148	ever mugged/held up/threatened with weapon
PT45	-0.1614	were you ever raped(penetration occurred)
PT46	0.5993	were you ever sexually assaulted or molested
PT48	0.078	someone very close to you ever die unexpectedly
PT50	0.4687	anyone very close to have extremely traumatic experience
PT50_1	0.4591	when you were a child, did you ever witness serious physical fights
PT51	0.1683	ever see someone badly injured/killed/dead body
PT55	-0.2237	ever experience other very traumatic event
PT209	0.3664	purposely stay away things remind event
PT211	-0.0581	lose interest in things used to enjoy
PT212	0.2516	feel emotionally distant/cut-off from people
PT213	0.1159	trouble feeling love/happiness toward others
PT214	0.64	feel no reason to plan for the future
PT233	0.8654	trouble falling asleep during random event
PT237	0.1323	more easily startled by ordinary noises

12-MONTH PREVALENCE

The *JAMA* paper analyzed past year versions of these disorders (i.e. the youth experienced symptoms of the disorder in the past year), and the "**12month-mto-youth.sas**" program, which must be run after all of the programs listed above, creates the past year variables.

Appendix E. Raw Regression Results Generated by the Main *JAMA* Paper Analysis Program

This appendix presents the raw results that are generated by the main *JAMA* paper analysis program: "2_mto_jama_assoc_20160111.sas". The program outputs the results as Excel files, with one for the combined boys/girls results presented in Table 4 of the *JAMA* paper and a second for the separate boys and girls results presented in Table 5. The results in the tables below were rounded to the third decimal point to fit them on one page.

A few notes about the results below:

- The odds ratio p-values in this raw output do not match those presented in the *JAMA* paper because they require further adjustment for the false discovery rate (see the section 5.3 above and Appendix F below for details).
- The analysis program generates results for bipolar disorder, which are included below even though they were not presented in the *JAMA* paper for reasons listed in the text.
- After publication of the *JAMA* paper, the authors discovered errors in the confidence intervals for absolute risk and absolute risk reduction for major depressive disorder for the combined boys/girls sample across the three treatment types: low-poverty, traditional, and combined (see Table 4). The results below reflect the correct values, which will be posted in an erratum that is forthcoming as of this writing.

Appendix E – Raw Regression Results Generated by the Main *JAMA* Paper Analysis Program

From mto_revision_T4_all_20160111.xls (*JAMA* Table 4 combined boys/girls results)

depvar	est_type	model num	subsample	or1_1	lowor1_1	upor1_1	chivalue1_1	p1_1	or1_2	lowor1_2	upor1_2	chivalue1_2	p1_2	or1_c	lowor1_c	upor1_c	chigrp1	pgrp1
f_mh_deph_y_yt	Abs_Risk	1	COMBINED	6.803	4.915	8.692	.	.	6.113	4.542	7.684	.	.	7.079	5.795	8.363	.	.
f_mh_deph_y_yt	Risk_Reduction	1	COMBINED	0.276	-1.767	2.318	.	.	0.966	-1.028	2.959	.	.	.	.	.	.	.
f_mh_deph_y_yt	Odds Ratio	1	COMBINED	0.960	0.638	1.445	0.038	0.845	0.855	0.555	1.316	0.512	0.475	.	.	.	0.542	0.763
ymh_bipolar_i_ii_y	Abs_Risk	1	COMBINED	3.147	2.219	4.074	.	.	5.375	3.438	7.312	.	.	1.309	0.789	1.829	.	.
ymh_bipolar_i_ii_y	Risk_Reduction	1	COMBINED	-1.838	-2.871	-0.805	.	.	-4.066	-6.065	-2.067	.	.	.	.	.	.	.
ymh_bipolar_i_ii_y	Odds Ratio	1	COMBINED	2.470	1.298	4.702	7.625	0.006	4.317	2.163	8.617	17.272	0.000	.	.	.	17.929	0.000
f_mh_pds_y_yt	Abs_Risk	1	COMBINED	3.146	2.238	4.054	.	.	4.073	2.799	5.347	.	.	4.657	3.176	6.137	.	.
f_mh_pds_y_yt	Risk_Reduction	1	COMBINED	1.511	-0.237	3.258	.	.	0.584	-1.648	2.815	.	.	.	.	.	.	.
f_mh_pds_y_yt	Odds Ratio	1	COMBINED	0.664	0.390	1.131	2.274	0.132	0.869	0.510	1.478	0.271	0.603	.	.	.	2.171	0.338
f_mh_pts_y_yt	Abs_Risk	1	COMBINED	7.183	5.728	8.638	.	.	4.685	3.598	5.772	.	.	4.221	3.205	5.236	.	.
f_mh_pts_y_yt	Risk_Reduction	1	COMBINED	-2.963	-4.471	-1.455	.	.	-0.464	-1.898	0.969	.	.	.	.	.	.	.
f_mh_pts_y_yt	Odds Ratio	1	COMBINED	1.757	1.160	2.661	7.078	0.008	1.112	0.670	1.845	0.169	0.681	.	.	.	8.538	0.014
f_mh_odd_y_yt	Abs_Risk	1	COMBINED	6.212	4.849	7.575	.	.	8.766	7.515	10.017	.	.	8.160	6.255	10.065	.	.
f_mh_odd_y_yt	Risk_Reduction	1	COMBINED	1.948	-0.081	3.976	.	.	-0.606	-2.835	1.622	.	.	.	.	.	.	.
f_mh_odd_y_yt	Odds Ratio	1	COMBINED	0.745	0.501	1.108	2.116	0.146	1.080	0.766	1.523	0.196	0.658	.	.	.	4.991	0.083
f_mh_ied_y_yt	Abs_Risk	1	COMBINED	13.618	11.480	15.755	.	.	15.370	13.439	17.301	.	.	16.715	14.858	18.572	.	.
f_mh_ied_y_yt	Risk_Reduction	1	COMBINED	3.097	-0.166	6.360	.	.	1.345	-1.280	3.970	.	.	.	.	.	.	.
f_mh_ied_y_yt	Odds Ratio	1	COMBINED	0.786	0.603	1.024	3.192	0.074	0.905	0.697	1.174	0.571	0.450	.	.	.	3.018	0.221
ymh_cd_3x_y	Abs_Risk	1	COMBINED	3.910	2.958	4.863	.	.	2.206	1.030	3.383	.	.	2.490	1.522	3.457	.	.
ymh_cd_3x_y	Risk_Reduction	1	COMBINED	-1.421	-2.712	-0.129	.	.	0.283	-1.229	1.795	.	.	.	.	.	.	.
ymh_cd_3x_y	Odds Ratio	1	COMBINED	1.590	0.972	2.600	3.416	0.065	0.885	0.471	1.662	0.145	0.703	.	.	.	4.358	0.113

Appendix E – Raw Regression Results Generated by the Main *JAMA* Paper Analysis Program

From mto_revision_T5_all_20160111.xls (*JAMA* Table 5 separate boys and girls results)

Boys (M = male)

depvar	est_type	model num	subsample	or1_1	lowor1_1	upor1_1	chival ue1_1	p1_1	or1_2	lowor1_2	upor1_2	chival ue1_2	p1_2	or1_c	lowor1_c	upor1_c	chigr p1	pgrp1
f_mh_deph_y_yt	Abs_Risk	1	M	7.129	4.125	10.132	.	.	5.733	3.781	7.684	.	.	3.459	2.344	4.574	.	.
f_mh_deph_y_yt	Risk_Reduction	1	M	-3.670	-6.930	-0.410	.	.	-2.274	-4.474	-0.073	.	.	.	.	.	.	.
f_mh_deph_y_yt	Odds Ratio	1	M	2.155	1.189	3.905	6.424	0.011	1.700	0.861	3.356	2.352	0.126	.	.	.	6.616	0.037
ymh_bipolar_i_ii_y	Abs_Risk	1	M	3.272	2.021	4.523	.	.	5.323	3.213	7.433	.	.	1.017	0.334	1.700	.	.
ymh_bipolar_i_ii_y	Risk_Reduction	1	M	-2.255	-3.681	-0.828	.	.	-4.306	-6.411	-2.201	.	.	.	.	.	.	.
ymh_bipolar_i_ii_y	Odds Ratio	1	M	3.369	1.262	8.999	5.903	0.015	5.596	2.251	13.914	13.816	0.000	.	.	.	15.426	0.000
f_mh_pds_y_yt	Abs_Risk	1	M	4.180	2.669	5.692	.	.	4.227	2.277	6.177	.	.	3.957	2.490	5.425	.	.
f_mh_pds_y_yt	Risk_Reduction	1	M	-0.223	-2.324	1.878	.	.	-0.270	-3.257	2.717	.	.	.	.	.	.	.
f_mh_pds_y_yt	Odds Ratio	1	M	1.058	0.520	2.153	0.024	0.877	1.071	0.491	2.339	0.030	0.863	.	.	.	0.035	0.982
f_mh_pts_y_yt	Abs_Risk	1	M	6.201	4.698	7.703	.	.	4.910	3.008	6.811	.	.	1.896	0.912	2.881	.	.
f_mh_pts_y_yt	Risk_Reduction	1	M	-4.304	-6.087	-2.522	.	.	-3.013	-5.014	-1.013	.	.	.	.	.	.	.
f_mh_pts_y_yt	Odds Ratio	1	M	3.440	1.602	7.390	10.045	0.002	2.678	1.233	5.819	6.210	0.013	.	.	.	10.040	0.007
f_mh_odd_y_yt	Abs_Risk	1	M	6.763	4.941	8.585	.	.	7.228	5.378	9.077	.	.	6.532	4.221	8.844	.	.
f_mh_odd_y_yt	Risk_Reduction	1	M	-0.231	-3.021	2.560	.	.	-0.695	-3.824	2.433	.	.	.	.	.	.	.
f_mh_odd_y_yt	Odds Ratio	1	M	1.036	0.574	1.873	0.014	0.906	1.114	0.625	1.985	0.135	0.713	.	.	.	0.180	0.914
f_mh_ied_y_yt	Abs_Risk	1	M	13.639	10.330	16.947	.	.	14.349	11.698	16.999	.	.	14.823	12.318	17.328	.	.
f_mh_ied_y_yt	Risk_Reduction	1	M	1.184	-3.798	6.166	.	.	0.474	-3.348	4.296	.	.	.	.	.	.	.
f_mh_ied_y_yt	Odds Ratio	1	M	0.907	0.633	1.301	0.280	0.597	0.963	0.668	1.388	0.042	0.838	.	.	.	0.271	0.874
ymh_cd_3x_y	Abs_Risk	1	M	6.375	4.669	8.081	.	.	4.193	1.866	6.519	.	.	2.127	1.076	3.179	.	.
ymh_cd_3x_y	Risk_Reduction	1	M	-4.248	-6.418	-2.077	.	.	-2.065	-4.522	0.392	.	.	.	.	.	.	.
ymh_cd_3x_y	Odds Ratio	1	M	3.135	1.691	5.809	13.221	0.000	2.022	0.809	5.054	2.270	0.132	.	.	.	15.027	0.001

Appendix E – Raw Regression Results Generated by the Main *JAMA* Paper Analysis Program

From mto_revision_T5_all_20160111.xls (*JAMA* Table 5 separate boys and girls results)

Girls (F = female)

depvar	est_type	model num	subsample	or1_1	lowor1_1	upor1_1	chivalue1_1	p1_1	or1_2	lowor1_2	upor1_2	chivalue1_2	p1_2	or1_c	lowor1_c	upor1_c	chigrp1	pgrp1
f_mh_deph_y_yt	Abs_Risk	1	F	6.479	4.699	8.258	.	.	6.480	4.542	8.417	.	.	10.896	8.389	13.402	.	.
f_mh_deph_y_yt	Risk_Reduction	1	F	4.417	1.546	7.288	.	.	4.416	1.319	7.512	.	.	.	.	.	.	.
f_mh_deph_y_yt	Odds Ratio	1	F	0.567	0.338	0.952	4.638	0.032	0.567	0.343	0.936	4.935	0.027	.	.	.	6.438	0.040
ymh_bipolar_i_ii_y	Abs_Risk	1	F	3.022	1.865	4.179	.	.	5.425	2.820	8.031	.	.	1.617	0.863	2.371	.	.
ymh_bipolar_i_ii_y	Risk_Reduction	1	F	-1.405	-2.818	0.007	.	.	-3.808	-6.546	-1.071	.	.	.	.	.	.	.
ymh_bipolar_i_ii_y	Odds Ratio	1	F	1.934	0.783	4.780	2.064	0.152	3.561	1.443	8.787	7.678	0.006	.	.	.	8.915	0.012
f_mh_pds_y_yt	Abs_Risk	1	F	2.114	1.481	2.748	.	.	3.925	2.559	5.291	.	.	5.394	3.421	7.367	.	.
f_mh_pds_y_yt	Risk_Reduction	1	F	3.280	1.214	5.345	.	.	1.469	-0.809	3.747	.	.	.	.	.	.	.
f_mh_pds_y_yt	Odds Ratio	1	F	0.377	0.201	0.706	9.380	0.002	0.716	0.386	1.327	1.129	0.288	.	.	.	10.363	0.006
f_mh_pts_y_yt	Abs_Risk	1	F	8.164	6.143	10.184	.	.	4.468	3.187	5.750	.	.	6.672	4.800	8.544	.	.
f_mh_pts_y_yt	Risk_Reduction	1	F	-1.492	-3.833	0.850	.	.	2.204	-0.012	4.419	.	.	.	.	.	.	.
f_mh_pts_y_yt	Odds Ratio	1	F	1.244	0.752	2.057	0.724	0.395	0.650	0.341	1.239	1.724	0.190	.	.	.	5.501	0.065
f_mh_odd_y_yt	Abs_Risk	1	F	5.661	4.089	7.232	.	.	10.248	7.547	12.950	.	.	9.876	7.492	12.259	.	.
f_mh_odd_y_yt	Risk_Reduction	1	F	4.215	1.441	6.989	.	.	-0.373	-4.126	3.380	.	.	.	.	.	.	.
f_mh_odd_y_yt	Odds Ratio	1	F	0.547	0.341	0.877	6.307	0.012	1.040	0.674	1.606	0.032	0.858	.	.	.	8.159	0.017
f_mh_ied_y_yt	Abs_Risk	1	F	13.597	11.182	16.013	.	.	16.355	13.579	19.130	.	.	18.710	16.013	21.407	.	.
f_mh_ied_y_yt	Risk_Reduction	1	F	5.113	1.624	8.602	.	.	2.355	-0.903	5.614	.	.	.	.	.	.	.
f_mh_ied_y_yt	Odds Ratio	1	F	0.684	0.484	0.966	4.661	0.031	0.849	0.585	1.232	0.749	0.387	.	.	.	3.940	0.140
ymh_cd_3x_y	Abs_Risk	1	F	1.451	0.756	2.146	.	.	0.292	-0.130	0.714	.	.	2.872	1.059	4.685	.	.
ymh_cd_3x_y	Risk_Reduction	1	F	1.421	-0.482	3.323	.	.	2.580	0.679	4.481	.	.	.	.	.	.	.
ymh_cd_3x_y	Odds Ratio	1	F	0.490	0.177	1.356	1.898	0.169	0.099	0.022	0.450	8.985	0.003	.	.	.	9.112	0.011

Appendix F. Raw Results Generated by the *JAMA* Paper P-Value Adjustment Program

This appendix presents the raw results that are generated by the *JAMA* paper program "3_mto_jama_pvalues_20160111.sas", which uses the Benjamini-Hochberg method to adjust the p-values for the odds ratios generated by the main analysis program ("2_mto_jama_assoc_20160111.sas") for the false discovery rate. The adjusted p-values in the "fdr*" columns match those presented in Tables 4 and 5 in the *JAMA* paper.

Two notes about the results below:

- The SAS program generates results for bipolar disorder, which are included below, even though they were not presented in the *JAMA* paper for the reasons listed in the text.
- After publication of the JAMA paper, the authors discovered an error in the adjusted p-value for major depressive disorder for the traditional voucher treatment in the girls sample (Table 5). The results below reflect the correct value (0.06), which will be posted in an erratum that is forthcoming as of this writing.

Copied from the raw results generated by "3_mto_jama_pvalues_20160111.sas"

rowlab	raw_p	Test	disorder	fdr1	fdr2	fdr3	fdr4	fdr5	fdr6
T4. Combined low pov	0.845	1	depression	0.8450	.	.	.	.	.
T4. Combined low pov	0.006	2	bipolar	0.0280	.	.	.	.	.
T4. Combined low pov	0.132	3	panic	0.1703	.	.	.	.	.
T4. Combined low pov	0.008	4	PTSD	0.0280	.	.	.	.	.
T4. Combined low pov	0.146	5	ODD	0.1703	.	.	.	.	.
T4. Combined low pov	0.074	6	IED	0.1295	.	.	.	.	.
T4. Combined low pov	0.065	7	conduct	0.1295	.	.	.	.	.
T4. Combined traditional	0.475	1	depression	.	0.7030	.	.	.	.
T4. Combined traditional	0.000	2	bipolar	.	<.0001	.	.	.	.
T4. Combined traditional	0.603	3	panic	.	0.7030	.	.	.	.
T4. Combined traditional	0.681	4	PTSD	.	0.7030	.	.	.	.
T4. Combined traditional	0.658	5	ODD	.	0.7030	.	.	.	.
T4. Combined traditional	0.450	6	IED	.	0.7030	.	.	.	.
T4. Combined traditional	0.703	7	conduct	.	0.7030	.	.	.	.

rowlab	raw_p	Test	disorder	fdr1	fdr2	fdr3	fdr4	fdr5	fdr6
T5. Boys low pov	0.011	1	depression	.	.	0.0257	.	.	.
T5. Boys low pov	0.015	2	bipolar	.	.	0.0263	.	.	.
T5. Boys low pov	0.877	3	panic	.	.	0.9060	.	.	.
T5. Boys low pov	0.002	4	PTSD	.	.	0.0070	.	.	.
T5. Boys low pov	0.906	5	ODD	.	.	0.9060	.	.	.
T5. Boys low pov	0.597	6	IED	.	.	0.8358	.	.	.
T5. Boys low pov	0.000	7	conduct	.	.	<.0001	.	.	.
T5. Boys traditional	0.126	1	depression	.	.	.	0.2310	.	.
T5. Boys traditional	0.000	2	bipolar	.	.	.	<.0001	.	.
T5. Boys traditional	0.863	3	panic	.	.	.	0.8630	.	.
T5. Boys traditional	0.013	4	PTSD	.	.	.	0.0455	.	.
T5. Boys traditional	0.713	5	ODD	.	.	.	0.8630	.	.
T5. Boys traditional	0.838	6	IED	.	.	.	0.8630	.	.
T5. Boys traditional	0.132	7	conduct	.	.	.	0.2310	.	.
T5. Girls low pov	0.032	1	depression	.	.	.	.	0.0560	.
T5. Girls low pov	0.152	2	bipolar	.	.	.	.	0.1972	.
T5. Girls low pov	0.002	3	panic	.	.	.	.	0.0140	.
T5. Girls low pov	0.395	4	PTSD	.	.	.	.	0.3950	.
T5. Girls low pov	0.012	5	ODD	.	.	.	.	0.0420	.
T5. Girls low pov	0.031	6	IED	.	.	.	.	0.0560	.
T5. Girls low pov	0.169	7	conduct	.	.	.	.	0.1972	.
T5. Girls traditional	0.027	1	depression	.	.	.	.	.	0.0630
T5. Girls traditional	0.006	2	bipolar	.	.	.	.	.	0.0210
T5. Girls traditional	0.288	3	panic	.	.	.	.	.	0.4032
T5. Girls traditional	0.190	4	PTSD	.	.	.	.	.	0.3325
T5. Girls traditional	0.858	5	ODD	.	.	.	.	.	0.8580
T5. Girls traditional	0.387	6	IED	.	.	.	.	.	0.4515
T5. Girls traditional	0.003	7	conduct	.	.	.	.	.	0.0210