```
Mto_jama_preimp
_20160111.sas7bdat
(from NBER)
```

proc sort ...;
by ppid;
run;

```
Mto_jama_preimp
_sorted.sas7bdat
```

%include 'Datafix2-mto-youth.sas';
%include 'agefix-youth.sas';

```
Mto_jama_preimp
_fixed.sas7bdat
```

**%mtoptsd(Mto_jama_preimp_fixed,
Y,preimp_xwalk);**

```
preimp_xwalk
```

data pred_ptsd_youth;
  set preimp_xwalk;
  Age = f_svy_age_iw;
  SEXF = 1-x_f_ch_male;
  RHISP = hisp_any;
  RBLK = nonhisp_black;
  ROTH = nonhisp_other;
  pred_prob =
    exp(&formula)/(1+exp(&formula));
run;

code from
'Ptsd_MTO_youth.sas'

```
pred_ptsd_youth
```

data fnlpred_ptsd_youth;
  set pred_ptsd_youth;
  ptsd_random = ranuni(1234567);
  if mto_ptsd_sample = 1 and
    0 < ptsd_random <= pred_prob
  then f_mh_pts_evr_yt = 1;
  else f_mh_pts_evr_yt = 0;
  ... /* calculate recency */
run;

```
fnlpred_ptsd_youth
```

1_mto_jama_impute_data_20160111.sas

```
mto_jama_imputed
```

/* from 'MTO_table4_alt.sas' */
PROC SURVEYLOGISTIC DATA = &imputed ;
  STRATA ra_site;
  CLUSTER f_svy_bl_tract_masked_id;
  DOMAIN _imputation_;
  MODEL &dep (EVENT='1')=&controls/COVB;
  WEIGHT f_wt_totsvy ;
  ODS OUTPUT parameterestimates=parmest
            OddsRatios = ors;
RUN;

```
OddsRatios
```