readme file for "Public Insurance and Mortality: Evidence from Medicaid Implementation" by Andrew Goodman-Bacon

Replication files use the following folder structure:
/data   stores Stata 14 format data files for all analyses
/datatemp   temporary files used in the estimation are stored here
/output   all figures and outreg output for tables are sent here
/main_results   dofiles and table templates for results in the paper
/app2A   dofiles and table templates for results in online appendix 2A
/app2B   dofiles and table templates for results in online appendix 2B
/app2C   dofiles and table templates for results in online appendix 2C
/app2D   dofiles and table templates for results in online appendix 2D
/app2E   dofiles and table templates for results in online appendix 2E
/app2F   dofiles and table templates for results in online appendix 2F
/app3   dofiles and table templates for results in online appendix 3
/app4   dofiles and table templates for results in online appendix 4

The file master.do runs all analyses and creates all figures. The globals that define pathnames must be changes at the top of this file. Table output uses outreg2.ado and these files must be pasted into the template files to create the formatted tables in the paper. Some figures use grc1leg.ado (a program that combines two panels and assigns a common legend). As of 10/5/2016 all files run in approximately 26 hours.

```
Contains data from app2A_welfare1970_medicaid1976.dta
  obs:            65
 vars:             5                              29 Sep 2016 15:23
 size:         1,170
-------------------------------------------------------------------------------
              storage   display    value
variable name   type    format     label      variable label
-------------------------------------------------------------------------------
age             int     %9.0g                  Age
dmcaid0         float   %9.0g                  Share who Used Medicaid, Nonwhite, 1976 SIE
dmcaid1         float   %9.0g                  Share who Used Medicaid, White, 1976 SIE
dwelf0          float   %9.0g                  Share with Welfare Income, Nonwhite, 1970 IPUMS
dwelf1          float   %9.0g                  Share with Welfare Income, White, 1970 IPUMS
-------------------------------------------------------------------------------
Sorted by:
```

```
Contains data from balance.dta
  obs:         2,015
 vars:            35                          5 Oct 2016 08:49
 size:       322,400                          (_dta has notes)
-------------------------------------------------------------------------------------------
              storage   display    value
variable name   type    format     label     variable label
-------------------------------------------------------------------------------------------
------------------
stfips         float    %8.0g
year           float    %10.0g
white          float    %9.0g
crate0         float    %9.0g                 AFDC Rate in Year of Medicaid, Women
gpop           double   %12.0g                Tot Pop for Gov't Expenditure; (Haines)
gexp           float    %9.0g                 Gov't Expenditure; Sylla, Legler and Wallis (1993)
dpov           float    %9.0g                 Child Poverty, Age<=14
smh            float    %9.0g                 Share of kids w/o father in house (poploc==0), Age<=14
g12            float    %9.0g                 Share of Adults 25-44 who completed grade 12
earn           float    %9.0g                 Median Earnings among Adults 25-44
cenwt          double   %10.2f                Census Weights
er             float    %9.0g                 Ratio of NW/W median earnings
gr             float    %9.0g                 Ratio of NW/W g12 share
afdcpay        float    %10.0g                Family-Size Adjusted AFDC Benefits, 12/67
totreq         float    %10.0g                Family-Size Adjusted AFDC Requirements, 12/67
afdcwt         double   %10.0g                Weights for AFDC Variables, from Recipient Survey
p65            float    %9.0g                 1965 Population
pf             float    %9.0g                 1965-1970 Population Flow, Nonwhite Families with Children
elig           float    %9.0g                 Estimated AFDC Eligibility in 1960
crate          float    %9.0g                 Share of Women (20-64) on AFDC, by Race
chrate0        float    %9.0g                 AFDC Rate in Year of Medicaid, Children
poptot         float    %9.0g                 Total Population
popch          float    %9.0g                 Population, 0-14 (for AMR)
crpop          float    %9.0g                 Denom for female AFDC: women 20-64
births         double   %12.0g                Births
lbwr           float    %9.0g                 Births <2,500 g per 1,000 Births
vlbwr          float    %9.0g                 Births <1,500 g per 1,000 Births
imr            float    %9.0g                 Infant Mortality Rate (imr)
amrch          float    %9.0g                 Age-Adjusted Child Mortality Rate (Ages 0-14)
hpc            float    %9.0g                 Hospitals per Capita (1,000)
bpc            float    %9.0g                 Hospital Beds per Capita (1,000)
pcinc          double   %10.0g                Per-Capita Income
ih             float    %9.0g                 Hospital Insurance Policies/Population Ratio
is             float    %9.0g                 Surgical Insurance Policies/Population Ratio
im             float    %9.0g                 Medical Insurance Policies/Population Ratio
-------------------------------------------------------------------------------------------
------------------
Sorted by: stfips  white  year
```

```
Contains data from figure1.dta
  obs:            64
 vars:            10                              28 Sep 2016 13:45
 size:         2,560                              (_dta has notes)
-------------------------------------------------------------------------------------------------
              storage   display    value
variable name   type    format     label      variable label
-------------------------------------------------------------------------------------------------
year            float    %9.0g
chmcaidrate     float    %9.0g
chmvprate       float    %9.0g                 (mean) chmvprate
pub_nhis        float    %9.0g                 (mean) pub_guess
unins_nhis      float    %9.0g                 (mean) unins
pub_cps         float    %9.0g                 (mean) pub_cps
unins_cps       float    %9.0g                 (mean) unins_cps
pub_shsue       float    %9.0g                 (mean) pub_shsue
unins_shsue     float    %9.0g                 (mean) unins_shsue
unins_guess_s~e float    %9.0g                 (mean) unins_guess_shsue
-------------------------------------------------------------------------------------------------
Sorted by: year




Contains data from figure2.dta
  obs:            93
 vars:             5                              28 Sep 2016 13:27
 size:         1,860
-------------------------------------------------------------------------------------------------
              storage   display    value
variable name   type    format     label      variable label
-------------------------------------------------------------------------------------------------
age             float    %9.0g
pop_w           long     %10.0gc               White Population
pop_nw          float    %9.0g                 Nonwhite Population
afdc_w          float    %9.0g                 White AFDC Rate, 12/67
afdc_nw         float    %9.0g                 Nonwhite AFDC Rate, 12/67
-------------------------------------------------------------------------------------------------
Sorted by: age
```

```
Contains data from mvp_mcaid.dta
  obs:           714
 vars:            32                          28 Sep 2016 13:48
 size:       124,236                          (_dta has notes)
-------------------------------------------------------------------------------------------
              storage   display    value
variable name   type    format     label    variable label
-------------------------------------------------------------------------------------------
stfips          float    %8.0g
region          float    %9.0g               RECODE of stfips
year            float    %9.0g
ymcaid          int      %10.0g              Year of Medicaid Implementation
exp             float    %9.0g               Years Since Medicaid Implementation
ch_pop          double   %9.0g               Population Aged 0-19
crate0          float    %9.0g               AFDC Rate in Year of Medicaid, Women
chrate0         float    %9.0g               AFDC Rate in Year of Medicaid, Children
hc              float    %9.0g               High AFDC States, Women
rmvp_ch_dent    double   %9.0g               MVP Rate, Dental Services, Children 0-19
rmvp_ch_pdrug   double   %9.0g               MVP Rate, Rx Drugs, Children 0-19
rmvp_ch_md      double   %9.0g               MVP Rate, MD Services, Children 0-19
rmvp_ch_hosp    double   %9.0g               MVP Rate, Inpatient Hospital, Children 0-19
rmvp_ch         double   %9.0g               MVP Rate, Children 0-19
emvp_ch_dent    double   %9.0g               MVP Expenditures ($2012), Dental Services, Children 0-19
emvp_ch_pdrug   double   %9.0g               MVP Expenditures ($2012), Rx Drugs, Children 0-19
emvp_ch_md      double   %9.0g               MVP Expenditures ($2012), MD Services, Children 0-19
emvp_ch_hosp    double   %9.0g               MVP Expenditures ($2012), Inpatient Hospital, Children 0-19
emvp_ch         double   %9.0g               MVP Expenditures ($2012), Children 0-19
pcmvp_ch_dent   float    %9.0g               Per-Cap Expenditures, Dental Services, Children 0
pcmvp_ch_pdrug  float    %9.0g               Per-Cap Expenditures, Rx Drugs, Children 0-19
pcmvp_ch_md     float    %9.0g               Per-Cap Expenditures, MD Services, Children 0-19
pcmvp_ch_hosp   float    %9.0g               Per-Cap Expenditures, Inpatient Hospital, Children
pcmvp_ch        float    %9.0g               Per-Cap Expenditures, Children 0-19
prmvp_ch_dent   float    %9.0g               Per-Recip Expenditures, Dental Services, Children
prmvp_ch_pdrug  float    %9.0g               Per-Recip Expenditures, Rx Drugs, Children 0-19
prmvp_ch_md     float    %9.0g               Per-Recip Expenditures, MD Services, Children 0-19
prmvp_ch_hosp   float    %9.0g               Per-Recip Expenditures, Inpatient Hospital, Childr
prmvp_ch        float    %9.0g               Per-Recip Expenditures, Children 0-19
hpc             float    %9.0g               Hospitals per Capita (1,000)
bpc             float    %9.0g               Hospital Beds per Capita (1,000)
pcinc           double   %10.0g              Per-Capita Income
-------------------------------------------------------------------------------------------
Sorted by:
```

```
Contains data from nnfbs_6469_72.dta
  obs:         4,081
 vars:            19                               28 Sep 2016 12:15
 size:       289,751
-------------------------------------------------------------------------------------------
              storage   display    value
variable name   type    format     label       variable label
-------------------------------------------------------------------------------------------
stfips          float   %10.0g                 State FIPS Code
region          float   %9.0g                  Region
year            float   %9.0g                  Year
crate0          float   %9.0g                  AFDC Rate in Medicaid Year
crate           float   %9.0g                  AFDC Rate
ymcaid          int     %10.0g                 Medicaid Year
post            float   %9.0g                  Year>=Medicaid Year
wt              float   %9.0g                  Survey Weight
ubc_afdc_1967   byte    %10.0g                 Unborn Children Covered by AFDC in 1967?
lbw             float   %9.0g                  Birth Weight < 2500g
prem            float   %9.0g                  Gest Age < 36 Weeks
datt            float   %9.0g                  Birth Attended by a Physician
Dpoor           float   %9.0g                  Family Income < Poverty Threshold
D150poor        float   %9.0g                  Family Income <1.5*Poverty Threshold
faminc          float   %9.0g                  Family Income
plural          float   %9.0g                  Multiple Birth
subs            float   %9.0g                  Higher-Order Birth
age             float   %9.0g                  Mother's Age
sex             float   %9.0g                  Infant's Sex
-------------------------------------------------------------------------------------------
Sorted by:
```

```
Contains data from othprog_mcaid.dta
  obs:         1,029
 vars:            15                          28 Sep 2016 12:54
 size:        72,030                          (_dta has notes)
-------------------------------------------------------------------------------------------
              storage   display    value
variable name   type    format     label     variable label
-------------------------------------------------------------------------------------------
stfips          float    %8.0g               State FIPS Code
region          float    %9.0g               Region
year            float    %9.0g               Year
ymcaid          int      %10.0g              Year of Medicaid Implementation
crate0          float    %9.0g               AFDC Rate in Medicaid Year
pcrfund_chc     float    %9.0g               Real, per Capita CHC Funds
pcrfund_health  float    %9.0g               Real, per Capita CAP Health Funds
pcrfund_hs      float    %9.0g               Real, per Capita Head Start Funds
pccase_fs       float    %9.0g               per Capita Food Stamp Cases
hspop           double   %9.0g               Population, Ages 1-9
poptot          double   %9.0g               Total Population
hpc             float    %9.0g               Hospitals per Capita
bpc             float    %9.0g               Hospital Beds per Capita
pcinc           double   %10.0g              Income per Capita
exp             float    %9.0g               Years since Medicaid Implementation
-------------------------------------------------------------------------------------------
Sorted by:
```

```
Contains data from vs_mcaid.dta
  obs:         3,973
 vars:           127                          28 Sep 2016 12:37
 size:     2,093,771                          (_dta has notes)
-------------------------------------------------------------------------------------------
              storage   display    value
variable name   type    format     label     variable label
-------------------------------------------------------------------------------------------
stfips         float    %10.0g               stfips
white          float    %9.0g
region         float    %9.0g                RECODE of stfips (RECODE of state_res)
year           float    %9.0g
ymcaid         int      %10.0g               Medicaid Implementation Year
mmcaid         byte     %10.0g               Medicaid Implementation Month
exp            float    %9.0g                Event-Time for Medicaid, 1959-1979 Sample
crate          float    %9.0g                Share of Women (20-64) on AFDC, by Race
chrate         float    %9.0g                Share of Children (0-19) on AFDC, by Race
crate0         float    %9.0g                AFDC Rate in Year of Medicaid, Women
chrate0        float    %9.0g                AFDC Rate in Year of Medicaid, Children
hc             float    %9.0g                High AFDC States, Women
hch            float    %9.0g                High AFDC States, Children
crate1958      float    %9.0g                AFDC Participation in 1958
gfr            float    %9.0g                General Fertility Rate: Births per 1,000 Women 15-44
hbr            float    %9.0g                Share of Births in Hospital
lbwr           float    %9.0g                Births <2,500 g per 1,000 Births
vlbwr          float    %9.0g                Births <1,500 g per 1,000 Births
missr          float    %9.0g                Births with missing weight per 1,000 Births
sr             float    %9.0g                Sex Ratio at Birth
nmr            float    %9.0g                Neonatal Infant Mortality Rate (nmr)
pnmr           float    %9.0g                Post-Neonatal Infant Mortality Rate (pnmr)
imr            float    %9.0g                Infant Mortality Rate (imr)
mmr            float    %9.0g                Age-Adjusted Maternal Mortality Rate (Ages 15-54)
hmr1           float    %9.0g                Mortality Rate on or Before HOUR 1
hmr2           float    %9.0g                Mortality Rate on or Before HOUR 2
hmr3           float    %9.0g                Mortality Rate on or Before HOUR 3
hmr4           float    %9.0g                Mortality Rate on or Before HOUR 4
hmr5           float    %9.0g                Mortality Rate on or Before HOUR 5
hmr6           float    %9.0g                Mortality Rate on or Before HOUR 6
hmr7           float    %9.0g                Mortality Rate on or Before HOUR 7
hmr8           float    %9.0g                Mortality Rate on or Before HOUR 8
hmr9           float    %9.0g                Mortality Rate on or Before HOUR 9
hmr10          float    %9.0g                Mortality Rate on or Before HOUR 10
hmr11          float    %9.0g                Mortality Rate on or Before HOUR 11
hmr12          float    %9.0g                Mortality Rate on or Before HOUR 12
hmr13          float    %9.0g                Mortality Rate on or Before HOUR 13
hmr14          float    %9.0g                Mortality Rate on or Before HOUR 14
hmr15          float    %9.0g                Mortality Rate on or Before HOUR 15
hmr16          float    %9.0g                Mortality Rate on or Before HOUR 16
hmr17          float    %9.0g                Mortality Rate on or Before HOUR 17
hmr18          float    %9.0g                Mortality Rate on or Before HOUR 18
hmr19          float    %9.0g                Mortality Rate on or Before HOUR 19
hmr20          float    %9.0g                Mortality Rate on or Before HOUR 20
hmr21          float    %9.0g                Mortality Rate on or Before HOUR 21
hmr22          float    %9.0g                Mortality Rate on or Before HOUR 22
hmr23          float    %9.0g                Mortality Rate on or Before HOUR 23
hmr24          float    %9.0g                Mortality Rate on or Before HOUR 24
dmr1           float    %9.0g                Mortality Rate on or Before DAY 1
dmr2           float    %9.0g                Mortality Rate on or Before DAY 2
dmr3           float    %9.0g                Mortality Rate on or Before DAY 3
dmr4           float    %9.0g                Mortality Rate on or Before DAY 4
dmr5           float    %9.0g                Mortality Rate on or Before DAY 5
dmr6           float    %9.0g                Mortality Rate on or Before DAY 6
dmr7           float    %9.0g                Mortality Rate on or Before DAY 7
dmr8           float    %9.0g                Mortality Rate on or Before DAY 8
dmr9           float    %9.0g                Mortality Rate on or Before DAY 9
dmr10          float    %9.0g                Mortality Rate on or Before DAY 10
dmr11          float    %9.0g                Mortality Rate on or Before DAY 11
dmr12          float    %9.0g                Mortality Rate on or Before DAY 12
dmr13          float    %9.0g                Mortality Rate on or Before DAY 13
dmr14          float    %9.0g                Mortality Rate on or Before DAY 14
dmr15          float    %9.0g                Mortality Rate on or Before DAY 15
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dmr16         float    %9.0g                    Mortality Rate on or Before DAY 16
dmr17         float    %9.0g                    Mortality Rate on or Before DAY 17
dmr18         float    %9.0g                    Mortality Rate on or Before DAY 18
dmr19         float    %9.0g                    Mortality Rate on or Before DAY 19
dmr20         float    %9.0g                    Mortality Rate on or Before DAY 20
dmr21         float    %9.0g                    Mortality Rate on or Before DAY 21
dmr22         float    %9.0g                    Mortality Rate on or Before DAY 22
dmr23         float    %9.0g                    Mortality Rate on or Before DAY 23
dmr24         float    %9.0g                    Mortality Rate on or Before DAY 24
dmr25         float    %9.0g                    Mortality Rate on or Before DAY 25
dmr26         float    %9.0g                    Mortality Rate on or Before DAY 26
dmr27         float    %9.0g                    Mortality Rate on or Before DAY 27
amrch         float    %9.0g                    Age-Adjusted Child Mortality Rate (Ages 0-14)
amrch_c1      float    %9.0g                    Infectious Disease Child Mortality Rate (Ages 1-14)
amrch_c2      float    %9.0g                    Non-Infectious/Chronic Disease Child Mortality Rate (Ages 1-14)
amrch_c3      float    %9.0g                    Accident/Violence Child Mortality Rate (Ages 1-14)
amrch_c4      float    %9.0g                    Other Cause Child Mortality Rate (Ages 1-14)
amrch_int     float    %9.0g                    Internal Cause Child Mortality Rate (Ages 1-14)
amrch_ext     float    %9.0g                    External Cause Child Mortality Rate (Ages 1-14)
amrch_tr      float    %9.0g                    Treatable Cause Child Mortality Rate (Ages 1-14)
amrch_untr    float    %9.0g                    Untreatable Cause Child Mortality Rate (Ages 1-14)
asmr0         float    %9.0g                    Mortality Rate, Ages -0
asmr14        float    %9.0g                    Mortality Rate, Ages 1-4
asmr14_int    float    %9.0g                    Internal Cause Mortality Rate, Ages 1-4
asmr14_ext    float    %9.0g                    External Cause Mortality Rate, Ages 1-4
asmr14_tr     float    %9.0g                    Treatable Cause Mortality Rate, Ages 1-4
asmr14_untr   float    %9.0g                    Untreatable Cause Mortality Rate, Ages 1-4
asmr14_c1     float    %9.0g                    Infectious Disease Mortality Rate, Ages 1-4
asmr14_c2     float    %9.0g                    Non-Infectious/Chronic Disease Mortality Rate, Ages 1-4
asmr14_c3     float    %9.0g                    Accident/Violence Mortality Rate, Ages 1-4
asmr14_c4     float    %9.0g                    Other Cause Mortality Rate, Ages 1-4
asmr59        float    %9.0g                    Mortality Rate, Ages 5-9
asmr59_int    float    %9.0g                    Internal Cause Mortality Rate, Ages 5-9
asmr59_ext    float    %9.0g                    External Cause Mortality Rate, Ages 5-9
asmr59_tr     float    %9.0g                    Treatable Cause Mortality Rate, Ages 5-9
asmr59_untr   float    %9.0g                    Untreatable Cause Mortality Rate, Ages 5-9
asmr59_c1     float    %9.0g                    Infectious Disease Mortality Rate, Ages 5-9
asmr59_c2     float    %9.0g                    Non-Infectious/Chronic Disease Mortality Rate, Ages 5-9
asmr59_c3     float    %9.0g                    Accident/Violence Mortality Rate, Ages 5-9
asmr59_c4     float    %9.0g                    Other Cause Mortality Rate, Ages 5-9
asmr1014      float    %9.0g                    Mortality Rate, Ages 10-14
asmr1014_int  float    %9.0g                    Internal Cause Mortality Rate, Ages 10-14
asmr1014_ext  float    %9.0g                    External Cause Mortality Rate, Ages 10-14
asmr1014_tr   float    %9.0g                    Treatable Cause Mortality Rate, Ages 10-14
asmr1014_untr float    %9.0g                    Untreatable Cause Mortality Rate, Ages 10-14
asmr1014_c1   float    %9.0g                    Infectious Disease Mortality Rate, Ages 10-14
asmr1014_c2   float    %9.0g                    Non-Infectious/Chronic Disease Mortality Rate, Ages 10-14
asmr1014_c3   float    %9.0g                    Accident/Violence Mortality Rate, Ages 10-14
asmr1014_c4   float    %9.0g                    Other Cause Mortality Rate, Ages 10-14
asmr514       float    %9.0g                    Age-Adjusted Older Child Mortality Rate (Ages 5-14)
births        double   %12.0g                   Births
pop0          double   %12.0g                   Population, Age 0
pop14         double   %12.0g                   Population, Ages 1-4
pop59         double   %12.0g                   Population, Ages 5-9
pop1014       double   %12.0g                   Population, Age 10-14
pop514        float    %9.0g                    Population, 5-14 (for ASMR)
popch         float    %9.0g                    Population, 0-14 (for AMR)
poptot        float    %9.0g                    Total Population
crpop         float    %9.0g                    Denom for female AFDC: women 20-64
simelig       float    %9.0g                    Simulated Medicaid Eligibility Across Child Ages, 1979-1988
medelig       float    %9.0g                    Medicaid Eligibility Across Child Ages, 1979-1988
hpc           float    %9.0g                    Hospitals per Capita (1,000)
bpc           float    %9.0g                    Hospital Beds per Capita (1,000)
pcinc         double   %10.0g                   Per-Capita Income
----------------------------------------------------------------------------------------------------
Sorted by:
```