This is an overview of do files used to construct analytic files, and run analysis, for “Sex, Race, and Age Differences in Prevalence of Dementia in Medicare claims and Survey Data” by Yingying Zhu, Yi Chen, Eileen Crimmins, and Julie Zissimopoulos.

**Main and supplementary analyses**  
Analysis (the HRS & ADAMS part): ADRD\_race\_gender.do

Analysis (the claims part): analysis\_claims.do

**Generate analytical data files (ADAMS, HRS, and claims)**

Selecting variables and reshaping HRS: randhrs\_clean.do

Generating HRS cognitive variables: prep\_hrs\_cognitive.do

Generating HRS data set: dementia\_hrs.do

Recoding and selecting variables in ADAMS: dementia\_adams.do

Merging HRS and ADAMS data files: dementia92\_14.do

Extracting beneficiary enrollment status in Medicare claims: bene\_status\_year.sas, listvars.mac, renvars.mac, statyr.mac

Extracting beneficiary demographics: bene\_demog2014.sas

Pulling dementia diagnoses and dates in Medicare claims: dementia\_dx.sas, dementia\_dxdt\_typ.sas, dementia\_dxdate.sas

Making analytical file for Medicare claims: makedata.do