This is an overview of SAS programs used in the analysis for “Drug Treatments for Chronic Conditions and Risk of Alzheimer’s Disease and Related Dementias: A Scoping Review,” by Johanna Thunell, Geoffrey Joyce, Yi Chen, Douglas Barthold, Paul G. Shekelle, Roberta Diaz Brinton, and Julie Zissimopoulos published in the *Alzheimer’s and Dementia* in 2020.

**Harmonize raw MBSF files**

bene\_demog2018.sas

* Source data: Medicare beneficiary summary files
* creates a file of beneficiary non-time-varying demographics across all years of available data

p2egwp2017.sas

* Source data: Medicare Part D plan characteristics files
* creates a format identifying different Part D plans made up of contract ID, plan ID and EGWP indicator

bene\_status\_year2001\_2018.sas, statyr.sas, bene\_status.fmt p2egwp.fmt

* Source data: Medicare beneficiary summary files and harmonized files from bene\_demog2018
* summarizes enrollment data.sas, HMO status.sas, dual eligibility.sas, Part D plan by year

**Analyze Drug Use**

2016\_clean.sas

* Source data: Medicare Part D events, beneficiary status 2016 file
* Analyze percent of people using with claims of certain drug class in 2016

Count Part D.sas

* Source data: Beneficiary status file for 2016
* Analyze percent of people with Part D in 2016