Database cleaning

Records in 2013 Medicare Part D database (MPD):
N = 1,049,381
=> omit 6,755 non-individual records

n = 1,042,646 MPD individuals
=> omit 317,477 non-DO and non-MD individuals

n = 725,169 MPD individuals with DO or MD degree

Records in 2013 Open Payment Program database (OPP):
N = 4,055,634
=> omit 23,247 non-individual records

n = 4,032,387 records (multiple records per individual)
= 468,974 OPP individuals
=> omit 61,754 non-DO and non-MD individuals

n = 407,220 OPP individuals with DO or MD degree

Physician matching:
Round 1: first/last/middle/zip
n=295,541 85.38%
Round 2: first/last/zip
n=20,402 5.89%
Round 3: first/last/middle
n=30,191 8.72%
=> omit 61,086 unmatched individuals in OPP

n =346,134 matches remaining
=> omit 3,872 ambiguous from wave 3

n =342,262 matches remaining
=> collapse 618 duplicate NPI

n =341,644 matched individuals with MD or DO degree

^ 65,576 (16.1%) unmatched MD or DO individuals in MPD data after exclusion of incorrect/ambiguous matches and collapse of duplicates.