Data on physician claims were obtained from Medicare Utilization and Payment Data and the R file MUPD was used for data cleaning.

Physician characteristics were based on Medicare Data on Provider Practice and Specialty and the R file MDPPAS was used for data cleaning.

Information used to construct the instrumental variable (IV) was from Physician Fee Schedule 2010 Update.

R file EXERCISE 2 was used to combine all these data and all the analysis.