Summary

summary_data_hrr.csv contains data on consumption, production, exports, imports, and estimated quality by Hospital Referral Region. These statistics are based on a 20% sample of Medicare patients. They include care provided by physicians, billed in professional claims and included in the Carrier file, and exclude emergency-room care.

Description of variables

- **hrrnum**: Hospital Referral Region (HRR) code
- **hrrcity**: HRR name
- **production**: Total production by providers in the HRR (US dollars, millions, 20% sample)
- **consumption**: Total consumption by patients in the HRR (US dollars, millions, 20% sample)
- **exports**: Total production by providers in the HRR that is consumed by patients outside the HRR (US dollars, millions, 20% sample)
- **imports**: Total consumption by patients in the HRR that is produced by providers outside the HRR (US dollars, millions, 20% sample)
- **quality_log**: Estimated quality produced in HRR. This is the exporter fixed effect from a gravity regression: higher quality means higher demand for a HRR’s services, controlling for distance and patients’ other choices. Quality is on a logarithmic scale and normalized to have a production-weighted mean of zero.
- **Phi_log**: Patient market access in the HRR. This is computed from gravity estimates assuming per capita demand is uniform, outside-option quality is constant across regions, and the average outside-option share is 10%, as described in Appendix C.2 of the paper. Patient market access is on a logarithmic scale and normalized to have a consumption-weighted mean of zero.

Citation