Data for “Another Look at How Public Universities Determine Enrollmets”

Nattanicha Chairassamee

The Ohio State University

Oudom Hean

The Ohio State University

Data files

The online data archive contains the following data sets in Stata format:

- Final_unbalanced_dataset.dta provides an unbalanced dataset. This dataset is used to produce all baseline estimates. All variables are labeled on the dataset.
- Final_balanced_dataset.dta provides a balanced dataset. This dataset is used to produce results for sensitivity analyses. All variables with prefix "D_" refer to variables that are used for the first-difference estimates. The other variables are used for two-stage least square.

Computation of results (.do file)

The Stata do-file contains the main computations that we used for baseline estimates. We mentioned which variables we used and added for additional analyses. On do file, each computation is mentioned for producing results in each Table.

Data and Measurements

All data in this study is publicly available online as following.

Variable	Source	Measurement
1. Number of in-state students	IPEDS	
2. Number of out-of-state students	IPEDS	
3. Number of international students	IPEDS	
4. Total FE enrollment	Authors' calculation	No. of in-state students + out-of-state students + international students
5. Lists of universities participating in regional exchange programs	NASFAA	

Variable	Source	Measurement
6. Number of out-of-state exchange students	Authors' calculation	Out-of-state enrollment under regional exchange program participation
7. Number of regular out-of-state exchange students	Authors' calculation	Differential between number of out-of-state students (in 2.) and number of out-of-state exchange students (in 6.)
8. In-state tuition	IPEDS	
9. Out-of-state tuition	IPEDS	
10. Institutional aid grant	IPEDS	
11. In-state net tuition	Authors' calculation	Differential between in-state tuition (in 8.) and institutional aid grant (in 10.)
12. Out-of-state net tuition	Authors' calculation	Differential between out-of-state tuition (in 9.) and institutional aid grant (in 10.)
13. Total expenditures	IPEDS	
14. Total expenditures per student	Authors' calculation	Total expenditure (in 13.) divided by total number of students in a university
15. State appropriations	IPEDS	
16. State appropriations per student	Authors' calculation	Total state appropriations (in 15.) divided by total number of students in a university
17. Retention rate	IPEDS	
18. Total enrollments of other institutions	IPEDS	
19. Per capita income	BEA	

Variable	Source	Measurement
20. Employment-population ratio of people aged 16 to 19	ACS	
21. Population aged 18-24 with high school degrees	ACS	
22. Population aged over 60	ACS	

Note: IPEDS indicates The Integrated Postsecondary Education Data System.

BEA indicates U.S. Bureau of Economic Analysis.

NASFAA indicates National Association of Student Aid Administrators.

ACS indicates American Community Survey.