

Arnab Palit

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FIELDS Industrial Organization, Econometrics, Microeconomics

EDUCATION **Boston College**, Chestnut Hill (MA), US
Ph.D in Economics May 2024 (Expected)
Committee: Michael Grubb, Charles Murry, Richard Sweeney
M.A., in Economics May 2020
Delhi School of Economics, Delhi, India
M.A. in Economics June 2013
University of Calcutta, Kolkata, India
B.Sc., in Economics June 2011

WORKING PAPERS **“Welfare effects of unbundling in the UK Television Broadcasting Market” (JMP)**
I study the welfare effects of unbundling products that are tied and non-rival using a 2006 European Commission ruling that unbundled English Premier League telecast rights in the UK. The regulation divided the games into six exclusive bundles and set a maximum rights ownership limit of five bundles per broadcaster, whereas previously a single broadcaster owned the rights. This led to a new channel entering the market and showing some of the games. Using proprietary viewing and subscription choice data, I estimate a model of household viewing preferences, channel subscription demand, and channel pricing. Simulations show a 6.3% (£10M per season) decrease in consumer surplus driven by the higher prices consumers had to pay to view all the live games. This offset welfare from new content on the entrant channel. I propose an alternate regulation that breaks the exclusivity of games telecast on a channel and show that the estimated surplus could have been 40%-45% higher.

“Cost complementarities in K-12 broadband procurement”

(Joint work with Gaurab Aryal, Charles Murry, Pallavi Pal)

In this paper, we study the problem of designing broadband procurements for K-12 schools in New Jersey in the presence of cost complementarities and package bidding. Economies of scale in providing internet service can depress bids in individual school-level auctions leading to the exposure problem. Combining several schools to create packages and holding one all-or-nothing package auction can enable bidders to internalize these complementarities and lead to more efficient outcomes. We study these effects using broadband procurement data from New Jersey which implemented a centralized region level auction after aggregating the broadband demand of schools in that region. Preliminary analysis shows that the price per Mbps paid by schools participating in the program fell by 81% while total broadband purchased went up by 385%. The package auction also incentivized ISPs to invest in fiber infrastructure resulting in a more efficient usage of the federal E-rate subsidy, which was designed to help schools and libraries in rural and economically poor regions obtain affordable broadband.

WORK IN PROGRESS **“Equilibrium effects of multi-homing on advertising prices”**

TEACHING EXPERIENCE	Boston College Machine Learning in Economics, Undergraduate (<i>Teaching Fellow</i>) Statistics Lab, Undergraduate (<i>Head Teaching Assistant</i>) Econometrics Lab, Undergraduate (<i>Head Teaching Assistant</i>) Econometrics Lab, Undergraduate (<i>Teaching Assistant</i>) PhD Macroeconomics, Graduate (<i>Teaching Assistant</i>)	Summer, Fall 2023 Fall 2022 Spring 2022 Fall 2021 Fall 2019
PROFESSIONAL EXPERIENCE	Boston College Research Assistant to Michael Grubb Teaching Assistant to David Hughes Research Assistant to Charles Murry J.P. Morgan and Chase , Bangalore, India Senior Consultant, Risk Analytics division EXL Consulting , Gurgaon, India Senior Consultant, Risk Modeling Consultant, Risk Modeling	Summer 2023 Spring 2023 Fall 2018-Spring 2020 2017 - 2018 2015 - 2017 2013 - 2015
HONORS	Winner of Donald J. White Teaching Excellence Award at Boston College Selected for Graduate Macro TA for performance in first year courses Full Tuition Remission and Stipend, Boston College	2022 Fall, 2019 2018-Present
PRESENTATIONS	93rd Annual Meeting of SEA, 18th EGSC at Washington University at St Louis, NABE Tech Economics Conference 2023, Boston College Markets and Firms seminar series, Boston College Applied Micro seminar, Boston College dissertation Workshop	
OTHER INFORMATION	<i>Born:</i> December 13, 1989 <i>Software:</i> R, Matlab, Stata, Microsoft Office, \LaTeX	
REFERENCES	Michael Grubb Associate Professor Department of Economics Boston College michael.grubb@bc.edu Richard Sweeney Associate Professor Department of Economics Boston College sweeneri@bc.edu	Charles Murry Associate Professor Department of Economics Boston College charles.murry@bc.edu