

Authors

Marianne Bertrand The University of Chicago

Dean Karlan Northwestern University

Sendhil Mullainathan Harvard University

Eldar Shafir Princeton University

Jonathan Zinman Dartmouth College

> WHAT'S ADVERTISING CONTENT WORTH? EVIDENCE FROM A CONSUMER CREDIT MARKETING FIELD EXPERIMENT

> > MARIANNE BERTRAND DEAN KARLAN SENDHIL MULLAINATHAN ELDAR SHAPIR JONATHAN ZENMAN

Firms spend hillions of delians developing advertising content, yet there is little field evidence on how much or how it affects demand. We analyze a direct mail field experiment in South Africa implemented by a consumer leader that menfounded advertising content, loan price, and loan offer deadlines simultaneously. We find that advertising content significantly affects demand. Although it was difficult to predict at easte which specific advertising features would matter most in this content, the instances that do nature have large effects. Showing fewer example loans, not suggesting a particular use for the loan, or including a photo of an attractive woman increase loan demand by about as much as a 26's reduction in the intenset rate. The evidence also suggests that advertising content permandes by appealing "perhiphorally" to intuition rather than moson. Although the advertising content effects point to an important role for persuasion and related psychology, our deadline results on our support the psychological pendiction that shorter deadlines may help overcome time-management publicus; instead, demand strongly increases with longer deadlines.

I. INTRODUCTION

Firms spend billions of dollars each year on advertising consumer products to influence demand. Economic theories emphasize the informational content of advertising: Stigler (1987, p. 243), for example, writes that "advertising may be defined as the provision of information about the availability and quality of a commodity." But advertisers also spend resources trying to

"Previous title "What's Psychology Worth?" A Field Experiment in the Consumer Credit Market." Thunks to Belborra Lewry, Kasun Lyons, and Thomas Wang for providing appeals research assistance. Also, thanks to many seminar participants and reference for comments. We are competially grateful to Dard Cord. See these below the Comments detten, and USAID BASIS for funding. Much of this paper was completed with Zermen was not the Federal Reserve Bank of New York (FRBNY; he thanks the FRBNY for research support. Views expressed as those of the authors and the mechanish promesent those of the funders, the Federal Basearch System, or the Relevant Basearch Basis of New York. Special thanks to the Lender for generoscal providing on with the date from the see periods.

© 2010 by the President and Pellews of Harvard College and the Massachusette Institute of Referology.

The Quarterly Japanel of Remonies, Hibrary 201

263

What's Advertising Content Worth? Evidence from a Consumer Credit Marketing Field Experiment

Firms spend billions of dollars developing advertising content, yet there is little field evidence on how much or how it affects demand. We analyze a direct mail field experiment in South



Africa implemented by a consumer lender that randomized advertising content, loan price, and loan offer deadlines simultaneously. We find that advertising content significantly affects demand. Although it was difficult to predict ex ante which specific advertising features would matter most in this context, the features that do matter have large effects. Showing fewer example loans, not suggesting a particular use for the loan, or including a photo of an attractive woman increases loan demand by about as much as a 25% reduction in the interest rate. The evidence also suggests that advertising content persuades by appealing "peripherally" to intuition rather than reason. Although the advertising content effects point to an important role for persuasion and related psychology, our deadline results do not support the psychological prediction that shorter deadlines may help overcome timemanagement problems; instead, demand strongly increases with longer deadlines.

February 10, 2010