

Accepted Manuscript

Title: Increasing breast-cancer screening uptake: a randomized controlled experiment

Author: Léontine Goldzahl Guillaume Hollard Florence Jusot

PII: S0167-6296(17)30309-0

DOI: <https://doi.org/doi:10.1016/j.jhealeco.2017.12.004>

Reference: JHE 2085

To appear in: *Journal of Health Economics*

Received date: 31-3-2017

Revised date: 5-12-2017

Accepted date: 12-12-2017

Please cite this article as: Léontine Goldzahl, Guillaume Hollard, Florence Jusot, Increasing breast-cancer screening uptake: a randomized controlled experiment, *Journal of Health Economics* (2018), <https://doi.org/10.1016/j.jhealeco.2017.12.004>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Increasing breast-cancer screening uptake: a randomized controlled experiment

Léontine Goldzahl*, Guillaume Hollard †, Florence Jusot ‡§

Abstract

Early screening increases the likelihood of detecting cancer, thereby improving survival rates. National screening programs have been established in which eligible women receive a letter containing a voucher for a free screening. Even so, mammography use is often considered as remaining too low. We test four behavioral interventions in a large-scale randomized experiment involving 26,495 women. Our main assumption is that, due to biases in decision-making, women may be sensitive to the content and presentation of the invitation letter they receive. None of our treatments had any significant impact on mammography use. Sub-sample analysis suggests that this lack of a significant impact holds also for women invited for the first time and low-income women.

Keywords: cancer screening, randomized controlled experiment, behavioral interventions.

JEL classification: D03, I18.

*PSL, Université Paris-Dauphine, Leda-Legos, France. E-mail: leontine.goldzahl@dauphine.fr.

†CNRS and Ecole Polytechnique, France.

‡PSL, Université Paris-Dauphine, Leda-Legos, France.

§Acknowledgments. The authors gratefully acknowledge the support of the Ligue Contre le Cancer for providing funding to conduct this research project. We also acknowledge the support of the Health Chair -a joint initiative by PSL, Université Paris-Dauphine, ENSAE, MGEN and ISTYA under the aegis of the Fondation du Risque (FDR). The first author's research has been supported by a post-doctoral grant co-financed by the Health Chair at the Fondation du risque (FDR), the project ANR 11-LABX-0019 and the National Institute of Cancer (INCA). People working in the managing structures deserves a special thanks: Guillaume Fiton, Sandrine Flechais, Sylvie Guiller-Devillers, Ahmed Benhammouda, Catherine Daunou, Catherine Verleye, Louise Denéchère and Laurent Verzaux. Sigolène Duver help us with administrative data. Audrey Bertinet greatly help us in getting approval from CNIL (accreditation number DR-2015-183) The authors would like to thank Pierre-Emmanuel Couralet for his help with the data analysis and Andrew Clark for editing. The audience in various seminars provided very helpful comments in the 2016 ESA world meeting in Jerusalem, 2016 EUHEA Phd Conference in Barcelona, 2016 Social Capital and Health workshop in Jerusalem, 2016 EUHEA conference in Hamburg, 2016 JESF in Lyon, 2017 AFSE conference in Nice, 2017 ASFE conference in Rennes, 2017 Health Chair conference in Paris, 2017 SHARE meeting in Nice, and participants to seminars at Université Paris Dauphine, Université Lille 2, Université Paris-Descartes and in Paris School of Economics. Last, we benefited from three superb reports from anonymous referees and critical guidance from the editor.

Download English Version:

<https://daneshyari.com/en/article/7362887>

Download Persian Version:

<https://daneshyari.com/article/7362887>

[Daneshyari.com](https://daneshyari.com)