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## Learning from Others' HIV Testing: Updating Beliefs and Responding to Risk

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isk the article page at 170, 2717 page 208, 3, 479.

Learning one's own HIV results can be infor-mative for determining personal HIV stall. At the same time, as others some their HIV results, information is revealed about exist rual HIV vial. Research suggests that information worrestimate HIV prevalence, transmission mites, as well as their own Bielbood of infoction; in high HIV prevalence areas in Africa, deaths are often antibuted to AIDS even when the cust cause is unknown (Auglow kz and Kohker 2009). A Bapesian updater, who initially overestimates because HE vial angiotic best before downward an mone people in his community learns they are HIV-negative. If individually service their before downward, the vial behavior even behavior over the their before and the same micro behavior to over a the first people. egrave. It intervaluants revise their benefits sik downward, sexual behavior may be sone risky in response. Prior studies that examine the relation

between prevalence rates and beliefs or behav-ior are limited by the fact that prevalence rate are endogenous to beliefs and behavior. Som

## **Learning from Others' HIV Testing: Updating Beliefs and Responding to Risk**

An individual who takes an HIV test can be informed about their own status and risk. Similarly, when friends, family or neighbors learn of a person's HIV status, they may update their beliefs about HIV infection among people they know. Using an experiment conducted in rural Malawi which randomly assigned incentives to learn HIV results, we find that as people in the community learn their HIV results, individuals revise their beliefs downward about deaths attributable to HIV/AIDS. We find corresponding behavioral responses with a significant decrease in condom use and no significant increase in multiple partnerships among those who are HIV-negative.



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