

Statistics without the agonizing pain

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Without the pain

With thanks to John Rauser: [Statistics Without the Agonizing Pain](#)

Problem 1 - a biased jury?

- Around 1962: Robert Swain - a black man - sentenced to death by an all-white Jury in Talladega County, Alabama.
- Of the eligible jurors in the county, 26% were black.
- Swain appealed eventually to the [Supreme Court](#) on the basis that the jury selection was biased.
- What do you think?

Problem 1 - with a computer

<http://bit.ly/less-agonny>

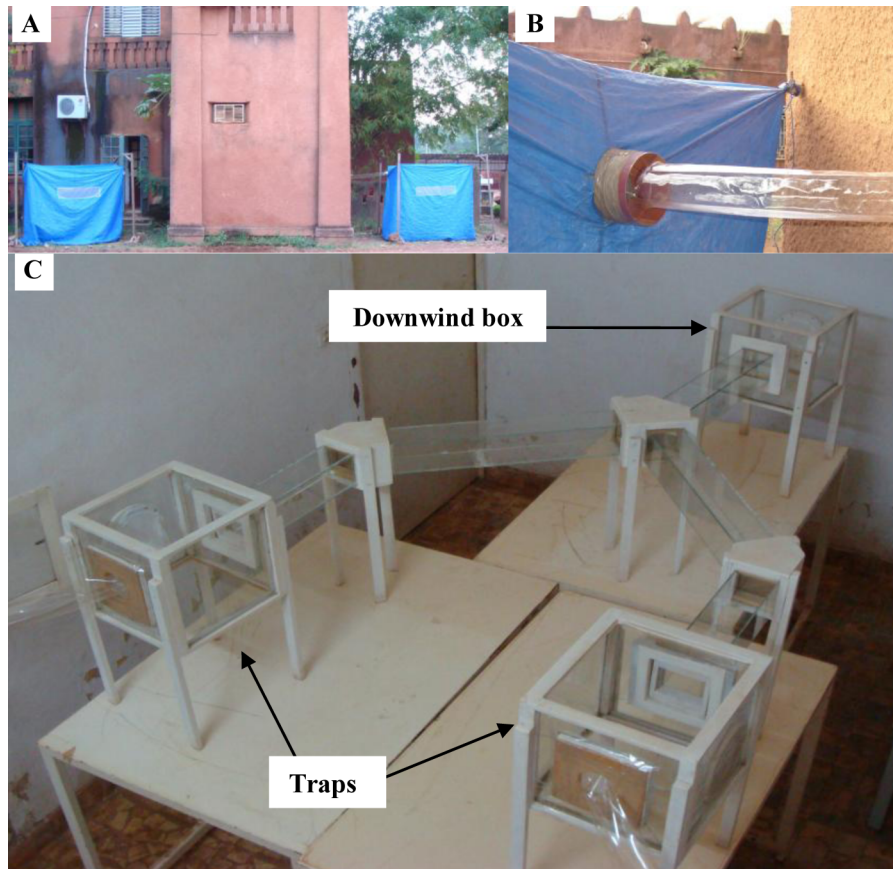
Problem 2 - do mosquitoes like beer?

Beer Consumption Increases Human Attractiveness to Malaria Mosquitoes

Thierry Lefèvre , Louis-Clément Gouagna, Kounbobr Roch Dabiré, Eric Elguero, Didier Fontenille, François Renaud, Carlo Costantini, Frédéric Thomas

Published: March 4, 2010 • <https://doi.org/10.1371/journal.pone.0009546>

The setup



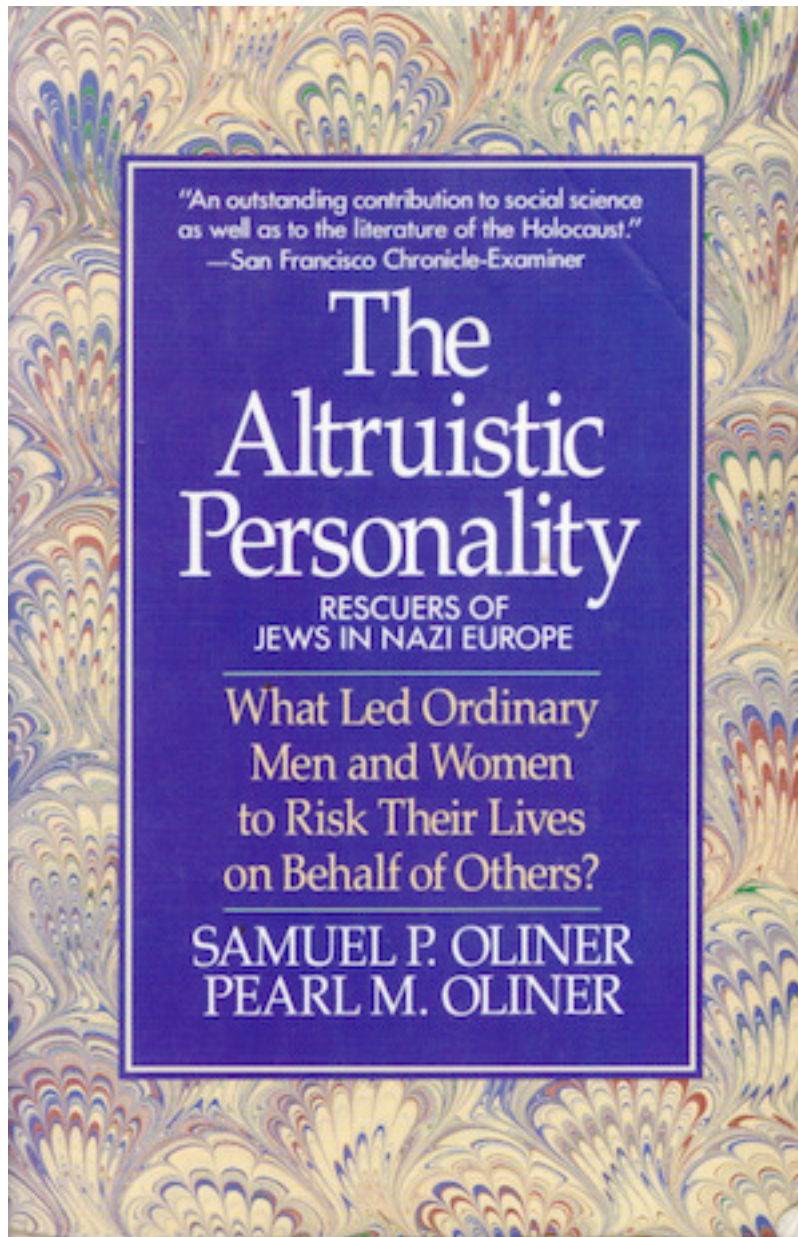
Problem 2

What do you think?

Problem 2 - with a computer

<http://bit.ly/less-agony>

Problem 3 - were rescuers democratic?



The numbers

	Democratic	Other	Total
Bystander	1	6	7
Rescuer	32	8	40
Total	33	14	47

Some percentages.

Problem 3

What do you think?

Problem 3 - with a computer

<http://bit.ly/less-agony>