

M1 IREF: Econometrics

An introduction

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B_xSE

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Coffee Lovers Rejoice! A Study Shows that Coffee can Prevent Liver Cancer

HEALTHY EATING

This Vitamin Could Lengthen Your Life, Says Science

You might want to take a tip from Popeye and eat some spinach.









By Clara Olshansky / Published on February 12, 2022 | 8:00 AM

7 foods to fight cancer, heart disease and enhance health

By Janelle Ringer- July 31, 2018



FEATURED TOPICS

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News > Health > This Expert-Recommended Drink Can Help You Reduce The Risk Of A Heart Attack

This Expert-Recommended Drink Can Help You Reduce The Risk Of A Heart Attack

Heart health: Nutritionist Anjali Mukerjee shares the benefits of a heart-friendly drink you must include in your diet.

Health | Edited by NDTV Health Desk | Updated: April 18, 2023 12:34 pm IST

TRENDING

NDTV

Indian Visas For
Canadians Suspended
Amid Row:
"Operational Reasons"

NDTV

Gangster Lawrence
Bishnoi Says Behind
Killing Of Khalistani
Terrorist

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Indira Gandhi Float,
Khalistani Posters:
Build-Up To India-
Canada Face-Off



Image credit: [istockphoto.com/connerscott1](https://www.istockphoto.com/connerscott1)

A healthy diet can help boost your cardiovascular health

Extra glass of wine a day 'will shorten your life by 30 minutes'

Drinking is as harmful as smoking, and more than five drinks a week lowers life expectancy, say researchers



Half a glass of wine a day 'can help you live five years longer'

By [DAILY MAIL REPORTER](#)

UPDATED: 09:28 BST, 30 April 2009

Question

Why am I showing you this?

Answer



Khoa Vu @KhoaVuUmn · 13 oct. 2022

"Such strong correlation implies a certain degree of causality"



Economist:



6

85

987



Objectives of this class

- understand the principles of OLS estimation
- understand what is an experimental design and why they are not all equal
- be able to interpret the results of quantitative studies
- understand what is causality and what it entails

After the class, you should be able to:

- use the previous knowledge to precisely decipher information
- use the previous knowledge to do some good work!

Why study econometrics?

Econometrics applications are damn important!

- to answers public policy questions:
 - does adding a new lane reduces traffic congestion?
 - does class size affect learning outcomes?
- to answer public health questions:
 - is this drug effective against covid?
 - what is the economic cost of national lockdowns?
- to answer environmental questions:
 - which crops can adapt to climate change?
 - what crop combinations increase the yields of organic farming?

And also on the marketing side (all big companies use econometrics):

- does hiring celebrities increase sales?
- does adding green labels increase sales?

Let's start with questions

Q1

Do you think aspirin reduces, or suppresses, headaches?

Q2

Do you think drinking coffee increases the risk of cancer?

Q3

Which question is easier to answer? **Why?**