**Homework #6**

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***Article 1***:” The Impact of the Economic Crisis on Happiness” by “Dora Gudrun Gudmundsdottir”.

It Points out to the causation of the increase or decrease in income on the happiness and correlation between unemployment and unhappiness, and this explores which groups are more vulnerable to changes according to demographic factors and health.

It also studies how the economic recession effects on the mental health, mortality and suicide rate which leads to the unhappiness.

This paper indicates how well a society is doing as a good indicator to the wellbeing. and determines how money can buy happiness.

Data: A postal Health Survey conducted by the PHI that was sent out in October 2007 and again in November 2009.

Results:

* Women had a higher happiness rate in 2007 compared to men.
* Results indicate that mostly the financial difficulties determine and predict the level of happiness.

https://www-jstor-org.ccny-proxy1.libr.ccny.cuny.edu/stable/24719093?searchText=deaton+paper+on+global+happiness&searchUri=%2Faction%2FdoBasicSearch%3FQuery%3Ddeaton%2Bpaper%2Bon%2Bglobal%2Bhappiness&ab\_segments=0%2Fbasic\_search\_gsv2%2Fcontrol&refreqid=fastly-default%3Aa22cec87fbad2fb5f39885db68d6fa19&seq=7#metadata\_info\_tab\_contents

***Article 2 : “***Two Happiness Puzzles” by “Angus Deaton and Arthur A. Stone”

Studies two levels of happiness, (left fork) : That income ,education and health are positively linked with (SWB) (Subjective wellbeing) , and (right fork) : That unemployment is much worse than loss of income.

Using the data from the U.S, Canada , Europe , and developing countries in which researchers regressed some wellbeing measures on both individual income and average income over some local area.

Basic data: The Gallup Healthways wellbeing Index Survey.

Results:

* There are rich countries that are still ranked as unhappy countries.
* The data used doesn’t support that income generates externalities for others.
* More religious individuals should have higher well-being, But that didn’t apply in the U.S in this data , As data showed that religious states have lower average ladder values and the more religious states are more sharply poorer.

https://www-jstor-org.ccny-proxy1.libr.ccny.cuny.edu/stable/23469799?seq=7#metadata\_info\_tab\_contents

> xtabs(~ TWDAYS + EEDUC)

EEDUC

TWDAYS less than hs some hs HS diploma some coll assoc deg bach deg adv deg

had 1-2 telework days **in** past week 6 12 152 537 272 1439 1667

had 3-4 telework days **in** past week 3 10 108 395 174 1211 1348

had 5+ telework days **in** past week 12 22 328 1247 617 3205 2905

had no telework days **in** past week 246 551 4285 6977 3518 6637 5861

Total 267 595 4873 9156 4581 12492 11781

Fraction tw 0.08 0.07 0.12 0.24 0.23 0.47 0.50

{< BA and TW = 3895 {BA+ and TW

{<BA and TW=0} = 15577 {BA+ and TW = 0 } = 12498

Total 19472 12498

Proportions: 0.20 0.49

P value < 0.00001 where the result is significant at <0.05. So, there is a high causation between the days and education.

https://github.com/amiraelmakawy/Question-3-in-exam-.-R/blob/main/question%203%20in%20exam.R