Ein Bild, das Text enthält.

Automatisch generierte Beschreibung

1. *News article*

The news article was published on BBC News on 11 August 2022. Unfortunately, the author of the article is not mentioned.

link: <https://www.bbc.com/news/uk-england-leeds-62504018> (18/01/2022)

1. *Variables and Research question*

The explanatory variable is a group dummy. Those dummies are women with a vegetarian-, a pescetarian diet, women who eat meat sometimes and women who eat meat regularly.

The dependent variable is the risk of a hip fracture for women.

The main message of the news article is that vegetarian women experience a higher risk of breaking hips in later life compared to non-vegetarian women. The period of the research was 20 years. About 26,000 women aged 35 to 69 took part. Among the group, 3% suffered a hip break.

1. *Economic and Econometric model*

According to the news article, the focus was on females only. In this case, a dummy variable which shows the person’s sex is not included. But we suggest a dummy for the type of the diet (0 for diets featuring meat, 1 for vegetarian diet). We must add that the article does not feature vegan women and those who eat fish only. There is a variable for the age of the person.

The economic model according to the news article would look like this:

The econometric model is:

1. *claiming (causal) relationship in news article*

The headline of the article claims a clear relationship of breaking hips and vegetarian diet. The wording in the articles text is a bit more cautious.

1. *claiming (causal) relationship in original paper*

How is the risk of hip fracture in occasional meat-eaters, pescatarians, and vegetarians compared to regular meat-eaters in the UK? (Webster et al. 2022: 1)

1. text
2. text
3. text

<https://bmcmedicine.biomedcentral.com/articles/10.1186/s12916-022-02468-0>

data: <https://ukwcs.leeds.ac.uk/>

<https://data.cdrc.ac.uk/dataset/uk-womens-cohort-questionnaire-data>