

# Effects of household income level and country purchase power on depression

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- **Rise in cases of depression**
- **Social Media and Capitalist Setting Pressure**



Image : <https://penntoday.upenn.edu/news/Penn-research-language-of-loneliness-depression-on-social-media>

### Datasource1: Purchase Power in Europe

- Metadata URL: [https://ec.europa.eu/eurostat/cache/metadata/en/sdg\\_10\\_10\\_esmsip2.htm](https://ec.europa.eu/eurostat/cache/metadata/en/sdg_10_10_esmsip2.htm)
- Data URL: [datalink1](#)
- Data Type: CSV

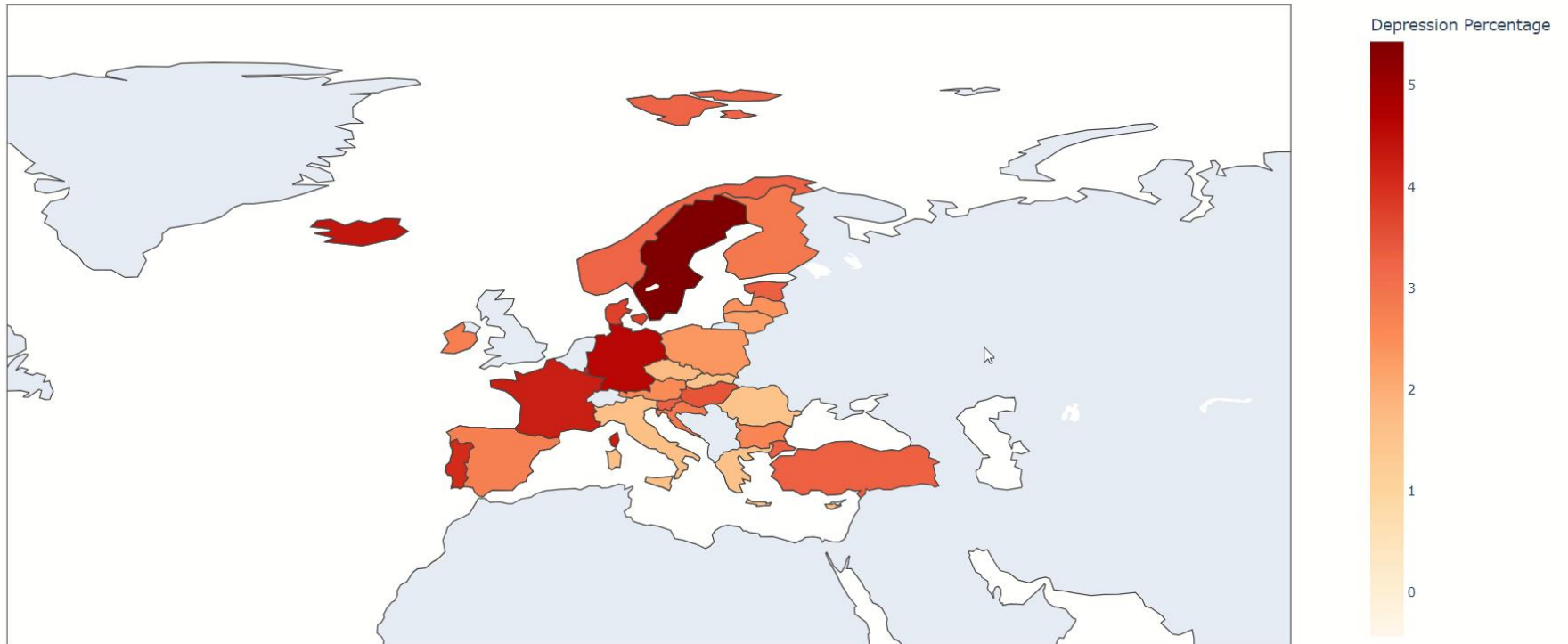
### Datasource2: Depression Level in Europe

- Metadata URL: [https://ec.europa.eu/eurostat/cache/metadata/en/hlth\\_det\\_esms.htm](https://ec.europa.eu/eurostat/cache/metadata/en/hlth_det_esms.htm)
- Data URL: [datalink2](#)
- Data Type: CSV

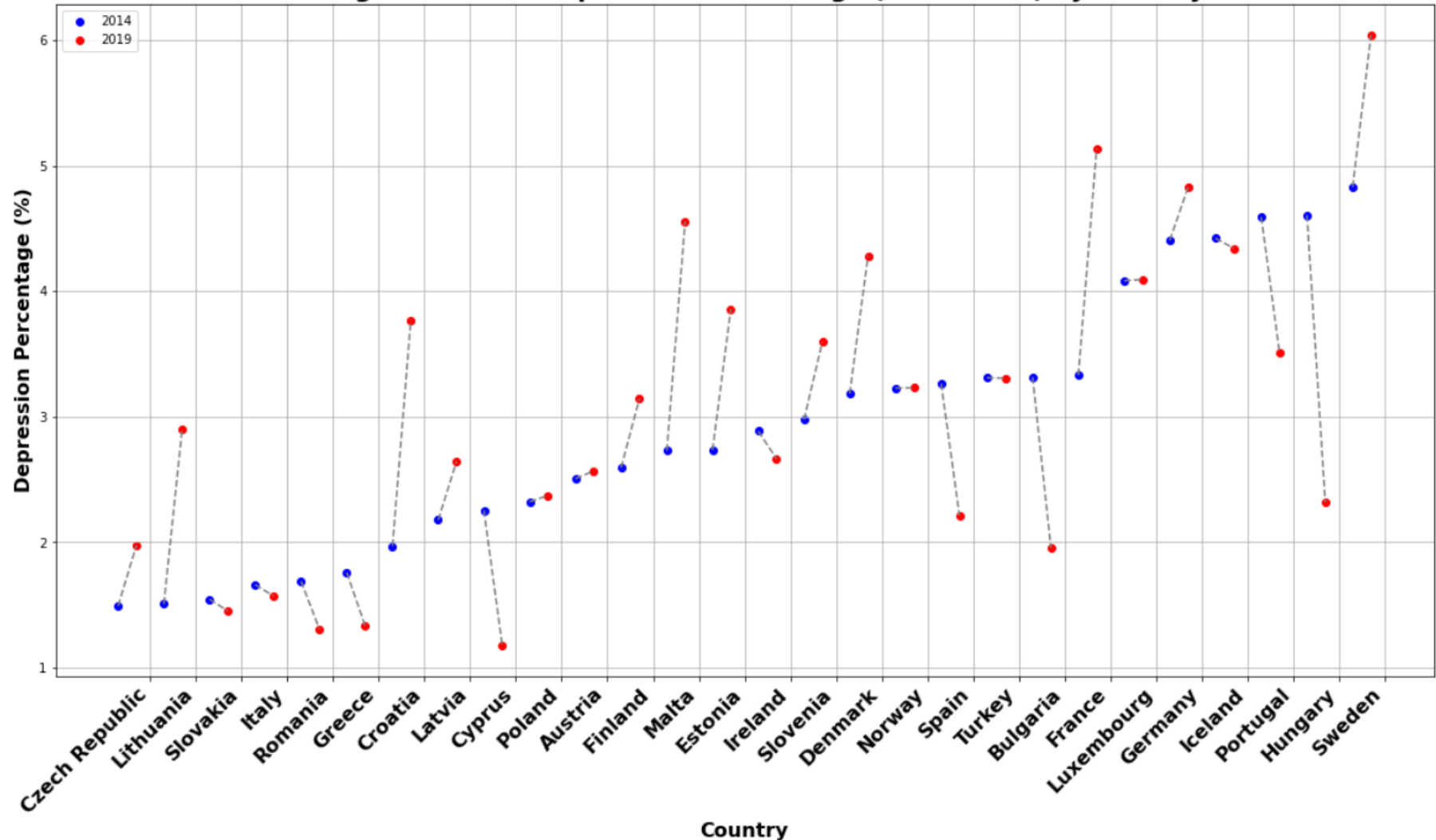
|   | country | year | purchase_power | depression_level | income_quantile | sex | age    | depression_percentage |
|---|---------|------|----------------|------------------|-----------------|-----|--------|-----------------------|
| 0 | AT      | 2014 | 35000          | DPR_MJR          | Poor            | F   | Y15-24 | 0.6                   |
| 1 | AT      | 2014 | 35000          | DPR_MJR          | Poor            | F   | Y15-64 | 2.2                   |
| 2 | AT      | 2014 | 35000          | DPR_MJR          | Poor            | F   | Y25-34 | 1.9                   |
| 3 | AT      | 2014 | 35000          | DPR_MJR          | Poor            | F   | Y35-44 | 2.4                   |
| 4 | AT      | 2014 | 35000          | DPR_MJR          | Poor            | F   | Y45-54 | 4.6                   |



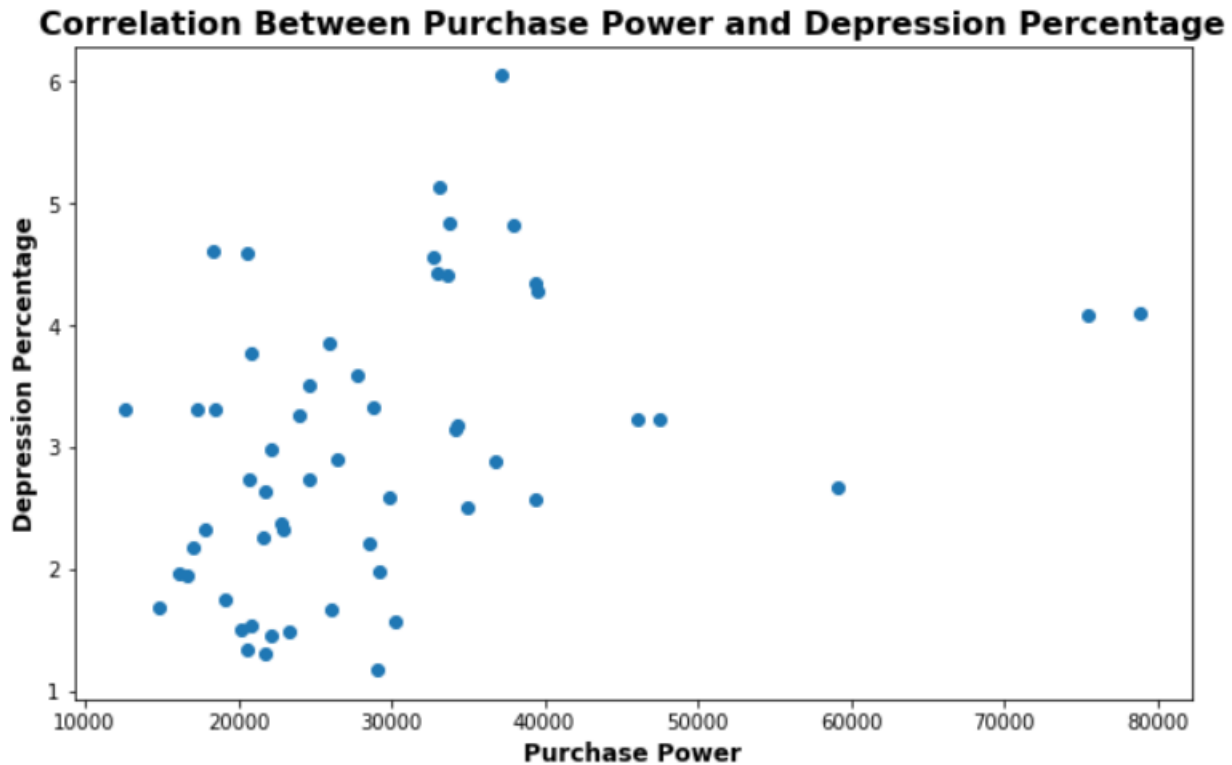
Country Average Depression Percentage

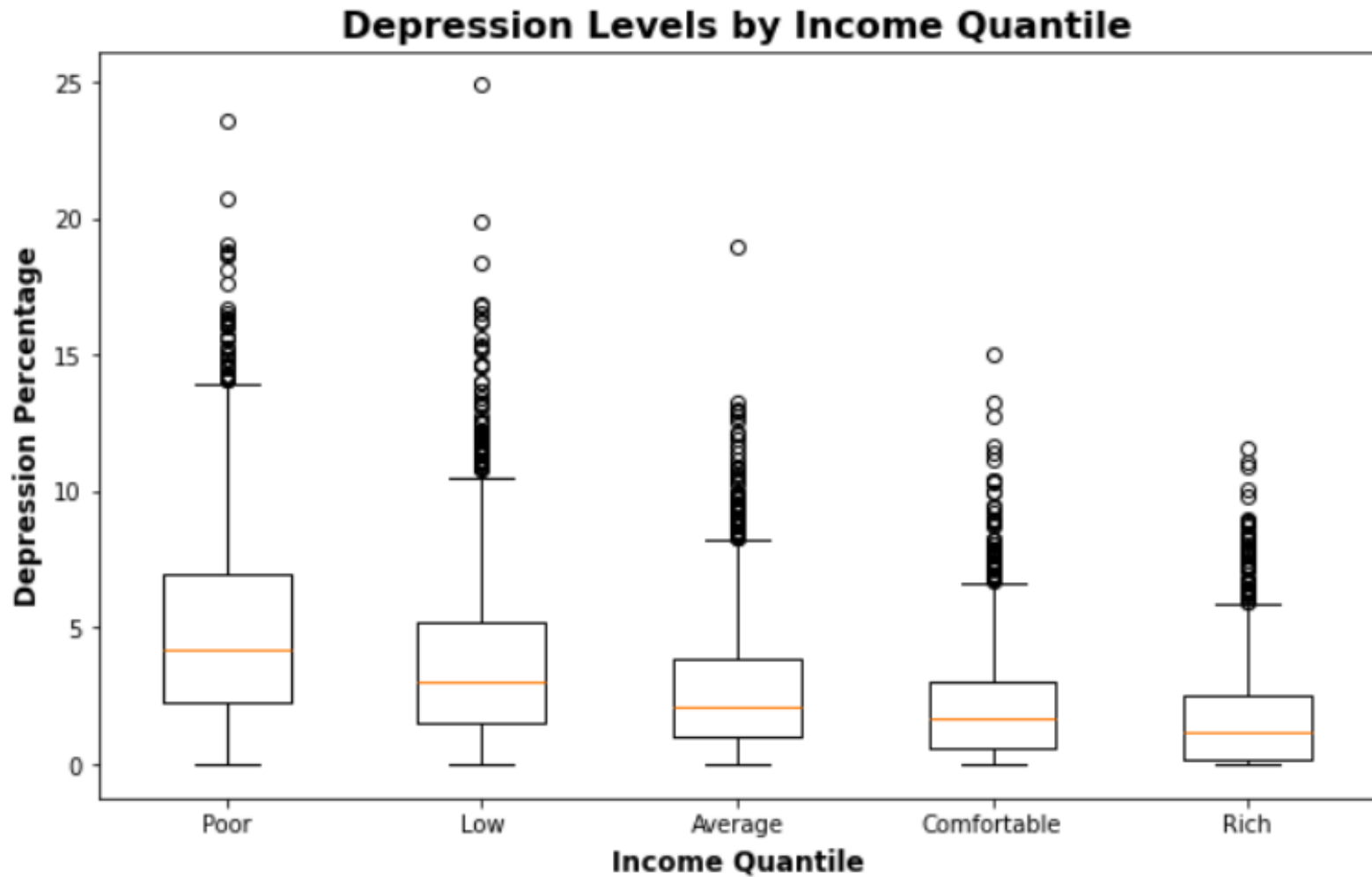


Change in Overall Depression Percentage (2014-2019) by Country



Pearson correlation coefficient: 0.37866086347642





- noteworthy correlation between depression and individual economic situation
- country's purchase power did not exhibit a significant role



<https://www.indiatimes.com/worth/news/money-cannot-buy-you-happiness-reveals-harvard-study-592415.html>