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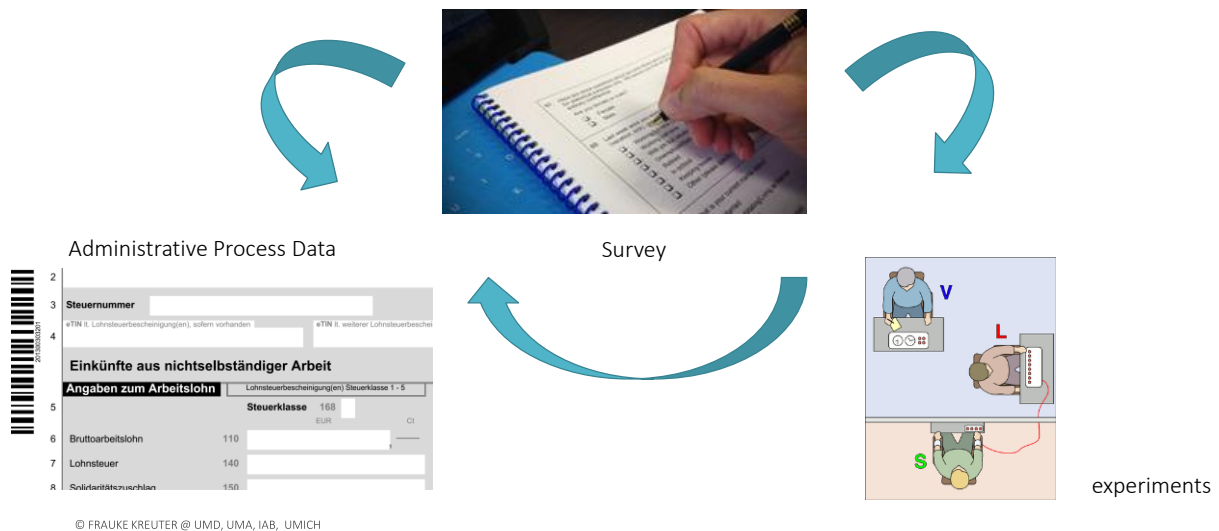
Beyond Stats 101

- Means, percentages, totals
- Differences in means
- Regressions
- Clustering
-

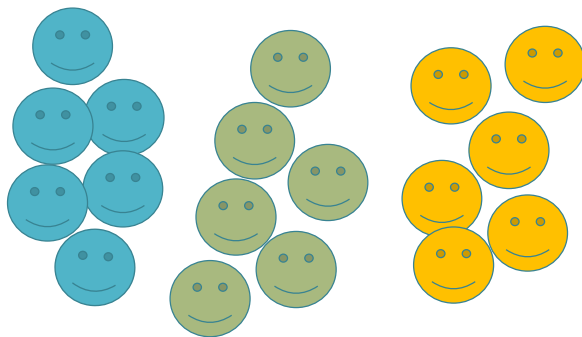
and a few challenges

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How to combine/link different data sources?



How to properly capture variability?

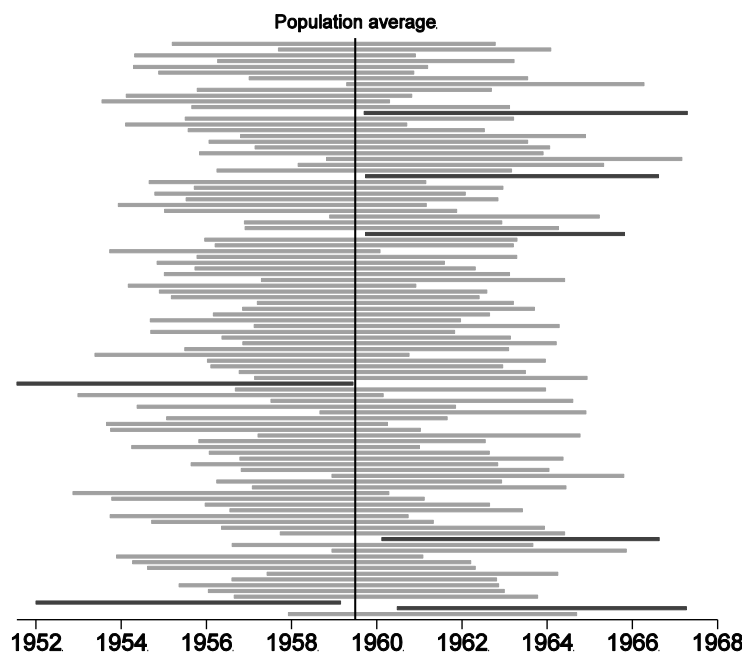


Or check this out https://economicsnetwork.ac.uk/statistics/sample_means_households.htm

Many Samples

Each sample is presented here with a confidence interval around the mean. For now you can think of this as the mean of the sample with an error band. How that is estimated does not matter for the purpose of this demonstration.

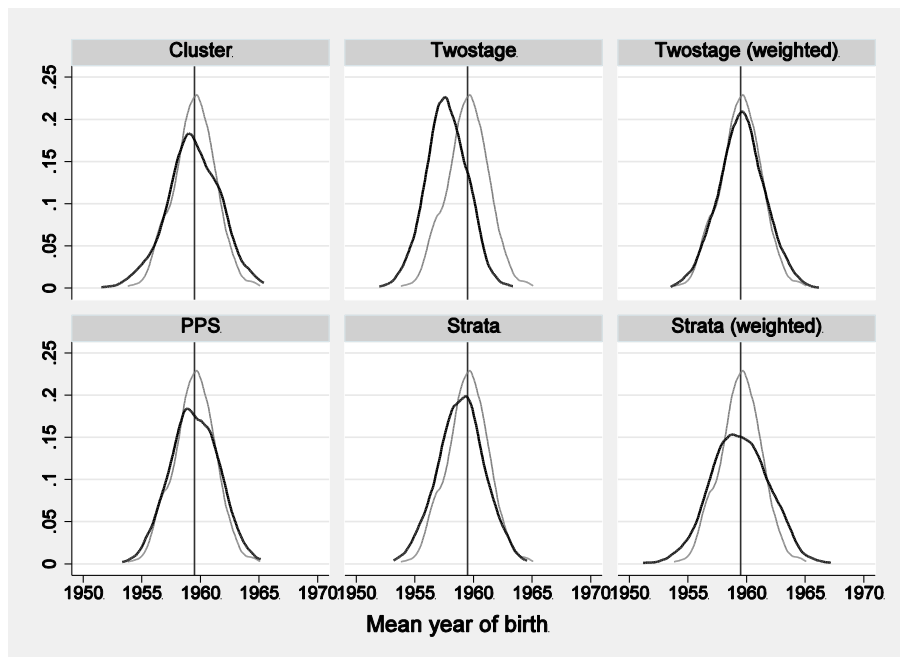
Source:
Kohler & Kreuter 2012



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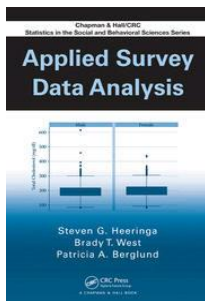
Distribution of Means

Source:
Kohler & Kreuter 2012



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Resources



Our course:
Combining and Analyzing Complex Data

