Meeting 20200327

* Prioritise kin-cohort and make me first author?
  + Create a package for estimating this?
  + More discussion about things that could go wrong
  + Jenny wouldn’t need to be involved if this is about promoting the method
  + Correlated heterogeneity
  + Focus on women? no, ES would like to stick to mothers
  + Maybe it’s two papers: one with only the survey data and another where indirect method is the main one and is presented
* Use survey data for comparison with method
* Propose method for demogrpaher’s toolbox?
* Should be a health paper
* Map estimates for whole world using the same data
* Aim: this is a new and usable method
* Emily
  + Send updated paper
  + Speak again next week or the week after that: Thursday, Friday next week?
* Talk to Emilio (2020.03.20)
  + ES would like to present this as a new measure that can become standard.
  + ES would be open to have me as first author if we move the kin-cohort method to center of the paper.
    - Because survey data is non-synchronised (is it an issue even?)
    - We have single-year estimates
    - use the survey data as benchmark
    - Is it a good idea?
    - Maybe it’s two papers: one with only the survey data and another where indirect method is the main one and is presented
  + Would our method be easy enough to introduce method to health literature?
    - Improve
    - Implement as an R package
  + Check implementation of methodlogy
  + Plan career development meeting

**EZ meeting 20200330**

* Could be good idea to have two papers
  + One, we do with empirical data in the front, we provide support and focus on mothers
  + Second, more with methods using feedback from first papers
* In her approach, she looks at clustering of bereavment?
  + There is within-country inequality? Same way that we have lifespan inequality and life expectancy
  + Decompose wihitn and across country inequality
  + Could also measure variability for next paper
* Analysis
  + Bias in survey: non-response, survival bias, retrospective bias
  + ! Do we have confidence intervals from the surveys?
  + Is survey estimate stable: if we compare estimates from different surveys form te same country, are the results stable?
  + If they are stable within-countries over time and if confidence intervals are small, it makes more sense to focus on comparing both mthods
  + Otherwise, problem would be more to do with sample size and other survey-related problems
* R package
  + Think if only for replicating results or for doing original analysis
  + Merge with SOCSIM data
* SOCSIM
  + Making available simulated microdata if they are consistent with fertility and mortality
  + Hosted at MPIDR: maintain the data. In a separate simulation database?
  + Start with sandwich paper, and the share the simulated pop files from this paper initially and maybe that grows later into a simulation databse
* Meet
  + Friday 7am?
  + Send different measures
  + Ask for confidence intervals and stability

**EZ notes on the same meeting:**

Diego, here are some notes of our conversation today:

With Emily, potentially 2 papers:

1)Survey’s extension

2)Focus on methods  complemented by survey

An additional way of framing the measures: spread around the mean -> Measures of variability and role of clustering

Others:

Make micro-data of simulations outputs available ->  database-style simulated data (IPUMS style) -> First step could be to produce a paper and make the simulation data available.

R package for Socsim -> This could be used to run Socsim (Tom is considering this). A separate package can be produced to analyze output files.

**EE 20200403**

* Assess and correct bias
  + Is there more discrepancy where there is more clustering?
  + Corr: clustering and error
* In line graph comparing estimates to survey, calculate percentage difference