

Invitation to multi-analyst study on the effects of daughters on various outcomes using SOEP data (#ManyDaughters)

Project overview. You are invited to participate in a multi-analyst study on the potential effects of daughters on various outcomes, using SOEP data. SOEP (the German Socio-Economic Panel) is a large German multidisciplinary household survey run every year. In this project, we ask research teams (RTs) of up to two people (from PhD students to full professors) to assess the same set of hypotheses:

H1. *Having daughters leads to stronger support for gender equality (as measured by attitudes).*

That is, denoting X as a measure of support for gender equality,

$(X \text{ for respondents with daughters}) > (X \text{ for respondents without daughters}).$

H2. *Having daughters leads to more left-leaning political preferences.*

That is, denoting Y as a measure of left-leaning political preferences,

$(Y \text{ for respondents with daughters}) > (Y \text{ for respondents without daughters}).$

H3. *Having daughters leads to more gender equality in the household (as measured by behaviors or outcomes).*

That is, denoting Z as a measure of gender equality in the household,

$(Z \text{ for respondents with daughters}) > (Z \text{ for respondents without daughters}).$

H4. *Having daughters leads to a larger increase in the support of gender equality for men than for women (with gender equality measured by attitudes).*

That is, denoting X as a measure of support for gender equality,

$$\begin{pmatrix} X \text{ for male respondents with daughters} \\ - X \text{ for male respondents without daughters} \end{pmatrix} > \begin{pmatrix} X \text{ for female respondents with daughters} \\ - X \text{ for female respondents without daughters} \end{pmatrix}.$$

We will use the results from this project to learn more about the scientific process as well as the impact of having daughters on various outcomes. We will study the variation in analysis choices and results as well as the overall meta-results, and write a metascience paper on the topic where all contributors who finish the project will also be included as co-authors (as in [Huber et al., 2023](#)).

Workload. All participating RTs will be asked to write a pre-analysis plan outlining detailed hypothesis tests to assess the four hypotheses above. Each RT will receive access to 5% of the data, with access timing randomized across RTs. Additionally, all RTs will be asked to write analysis code in Stata based on their pre-analysis plan.

You can also use this as an opportunity to get to know SOEP data for other projects.

How to participate. For more information on registration, eligibility criteria, requirements, procedure, and timeline, please visit <https://www.manydaughters.com>. The deadline for registration of RTs is **April 27, 2025**. In case you have other questions, please contact us at info@manydaughters.com.

We are looking forward to your participation!

The Project Coordinators.

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