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Swiss Covid-19 Data Symposium

Covid-19 Survey of the Swiss Household Panel (SHP)

March 23, 2021

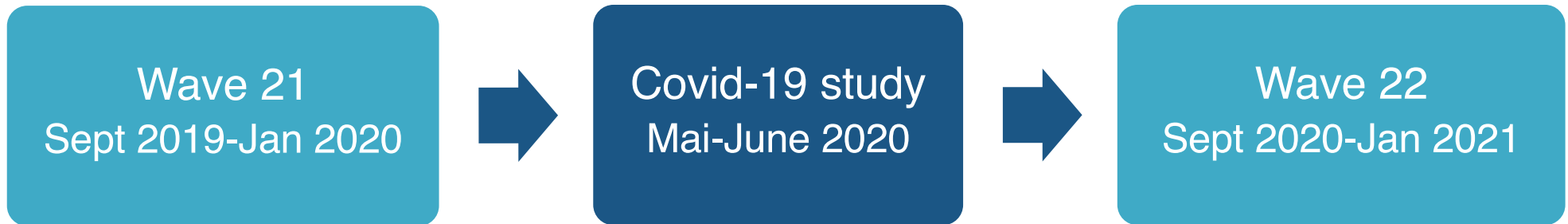
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Development of the study by the whole SHP-team
<https://forscenter.ch/projects/swiss-household-panel/>

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Refle, J.-E., Voorpostel, M., Lebert, F., Kuhn, U., Klaas, H.-S., Ryser, V.-A., Dasoki, N., Monsch, G.-A., Antal, E., & Tillmann, R. (2020). First Results of the Swiss Household Panel – Covid-19 Study. FORS Working Paper.
<https://forscenter.ch/working-papers/first-results-of-the-swiss-household-panel-covid-19-study>

SHP Covid-19 study



- Participants of the SHP (members of a random sample of Swiss households)
- Contains key questions that are asked in the yearly SHP questionnaire
- Can be combined with additional individual and household information from previous and future SHP waves
 - Possibility for longitudinal analyses covering a broad variety of research topics

SHP – yearly survey

- **Observes the evolution of living conditions since 1999**
Samples that can be combined with Covid-19 study:
PSM_I-III (5471 households/ 8352 individuals)
New refreshment sample added in 2020 (after Covid-19 study):
PSM_IV (4380 households/ 7534 individuals)
- Questions all members of private households (drawn randomly by the Federal Statistical Office);
Mainly computer assisted telephone interviewing (CATI) in (Swiss-)German, French and Italian; recent augmentation in web interviewing (CAWI)

SHP – Covid-19 study

- All participants (8772 individuals, 5540 households) from the previous wave were contacted for an additional study in Mai-June 2020
- **response rate: 67% (5843 respondents; age 14-99)**
- Web (67%) and Paper (33%)

Data access

<https://forsbase.unil.ch/>

- Step 1:** Create an account on FORSbase
- Step 2:** Fill out the contract on FORSbase
- Step 3:** Download the SHP-/ SHP Covid-19-data
+ documentation (user guides, questionnaires)



- ▷ **Userguide SHPW21 & Covid-19 study:** Voorpostel, M., Tillmann, R., Lebert, F., Kuhn, U., Lipps, O., Ryser, V.-A., Antal, E., Monsch, G.-A., Dasoki, N., Klaas, H.-S. & Wernli, B. (2021). *Swiss Household Panel Userguide (1999-2019), Wave 21, February 2021*. Lausanne: FORS.
- ▷ **Descriptive results Covid-19 study:** Refle, J.-E., Voorpostel, M., Lebert, F., Kuhn, U., Klaas, H.-S., Ryser, V.-A., Dasoki, N., Monsch, G.-A., Antal, E., & Tillmann, R. (2020). *First Results of the Swiss Household Panel – Covid-19 Study. FORS Working Paper*. <https://forscenter.ch/working-papers/first-results-of-the-swiss-household-panel-covid-19-study>

Content – Covid-19 Survey

Questions (adapted) from main survey whenever possible
Covid-19-specific questions adapted from other Covid studies (e.g. SOEP)
Own questions

Risk group, Covid-19 proximity	Work situation	Family life	Homeschooling	Financial situation
Time use	Mental health	Physical health	Social relations, social cohesion	Politics

Covid-19-infection

	Previous wave W21 (sep2019- jan 2020)	Covid-19 study (mai-june 2020)	Current wave W22 (sep2020- jan 2021)
Covid-19 risk group		✓	
Covid-19 proximity: who in network is infected?		✓	✓

Physical health

	Previous wave W21 (sept2019-jan 2020)	Covid-19 study (mai-june 2020)	Current wave W22 (sept2020-jan 2021)
Self-rated health	✓	✓	✓
Backproblems	✓	✓	✓
Headache	✓	✓	✓
Weakness	✓	✓	✓
Sleeping problems	✓	✓	✓

Work situation

	Previous wave W21 (sept2019-jan 2020)	Covid-19 study (mai-june 2020)	Current wave W22 (sept2020-jan 2021)
Work status	✓	✓	✓
Changes due to corona crisis		✓	
Type of occupation	✓		✓
Weekly work hours	✓	✓ (in confinement)	✓
Job satisfaction	✓	✓	✓

Financial situation

	Previous wave W21 (sep2019- jan 2020)	Covid-19 study (mai-june 2020)	Current wave W22 (sep2020- jan 2021)
Financial risks due to Covid-19-crisis		✓	
Change in financial situation since crisis		✓	
Income measures	✓		✓

- ▷ Mandate for the Federal Social Insurance Office on effects by income groups:
Auswirkungen der Corona-Pandemie und des Lockdowns auf die Einkommensschichten in der Schweiz (Ursina Kuhn, Robin Tillmann in collaboration with HETSL)

Home schooling / studying (during strict confinement)

	Previous wave W21 (sept2019-jan 2020)	Covid-19 study (mai-june 2020)	Current wave W22 (sept2020-jan 2021)
Hours per week	✓	✓	✓
Impact of closure		✓	
Support from parents		✓	(✓)

- ▷ Grätz, M., & Lipps, O. (2021). Large loss in studying time during the closure of schools in Switzerland in 2020. *Research in Social Stratification and Mobility*, 71, 100554. <https://doi.org/10.1016/j.rssm.2020.100554>

Time use and work-life-balance (during confinement)

	Previous wave W21 (sept2019-jan 2020)	Covid-19 study (mai-june 2020)	Current wave W22 (sept2020-jan 2021)
Hours housework	✓	✓	✓
Hours care	✓	✓	✓
Physical activity	✓	✓	✓
Leaving home		✓	
Change volunteering		✓	
Satisfaction with leisure	✓	✓	✓
Satisfaction with living situation	✓	✓	✓
Satisfaction with couple	✓	✓	✓
Satisfaction with how housework is shared	✓	✓ (since crisis)	✓
Change reconciliation work-private life		✓	
Family life		✓	

- ▷ Steinmetz, S.; Vandecasteele, L.; Lebert, F.; Voorpostel, M., & Lipps, O. Two ongoing research projects on gender and time use; article on the gendered consequences of the COVID-19 lockdown on unpaid work in Swiss dual earner couple households.

Mental health

	Previous wave W21 (sept2019-jan 2020)	Covid-19 study (mai-june 2020)	Current wave W22 (sept2020-jan 2021)
Life satisfaction	✓	✓	✓
Optimism	✓	✓	✓
Depressive feelings	✓	✓	✓
Stress	✓	✓	✓
Loneliness	✓	✓	✓
Various corona-related worries (9)		✓	
Anxiety		✓	
Posttraumatic stress		✓	
Posttraumatic growth		✓	✓

- ▷ Kuhn, U., Klaas, H.-S., Antal, E., Dasoki, N., Lebert, F., Lipps, O., Monsch, G.-A., Refle, J.-E., Ryser, V.-A., Tillmann, R. & Voorpostel, M. (2020). Who Is Most Affected by the Corona Crisis? An Analysis of Changes in Stress and Well-Being in Switzerland. *European Societies*, <https://doi.org/10.1080/14616696.2020.1839671>.
- ▷ Article in preparation for *Social change in Switzerland*

Social cohesion and politics

	Previous wave W21 (sept2019-jan 2020)	Covid-19 study (mai-june 2020)	Current wave W22 (sept2020-jan 2021)
Satisfaction with social relationships	✓	✓	✓
Social trust	✓	✓	✓
Change in neighborhood relations		✓	
Change in giving and receiving social support (> 64)		✓	
Change in contact frequency (> 64)		✓	
Evaluation of government policies		✓	✓

▷ Refle, J.-E., Monsch, G.-A., Kuhn, U. and Tilmann, R. (2021). The Covid-19 crisis and the restriction of basic freedoms, a view on the population. *Manuscript under review.*

Some challenges for longitudinal data analysis

- How to distinguish mode effects from crisis effects?
 - Survey in 2019 mostly interviewer administered, Covid-survey CAWI/PAPI
 - Lower satisfaction scores in Web
 - More health problems reported in Web (social desirability?)
 - Strategy: estimate mode effect from earlier waves (CAWI respondents vs CATI respondents), include mode as control variable in regressions
- How to distinguish seasonal effects from crisis effects?
 - Not assessed so far
- How should we weight the Corona wave?
 - Usual procedure cannot be applied (lack of information)
 - Strategy: apply weights from earlier waves

Thank you very much for your attention !

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